

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074421.D
 Acq On : 26 Sep 2022 15:35
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092622

Quant Time: Sep 27 03:24:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	66270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	108262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	98796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	49709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	27836	48.788	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.580%		
35) Dibromofluoromethane	7.805	113	35583	48.744	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.480%		
50) Toluene-d8	10.269	98	124050	50.386	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.780%		
62) 4-Bromofluorobenzene	12.569	95	39489	45.391	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	24475	44.979	ug/l	100
3) Chloromethane	2.140	50	22557	48.098	ug/l	94
4) Vinyl Chloride	2.275	62	22871	48.993	ug/l	98
5) Bromomethane	2.681	94	18153	50.599	ug/l	99
6) Chloroethane	2.828	64	16332	51.074	ug/l	93
7) Trichlorofluoromethane	3.170	101	53462	49.658	ug/l	100
8) Diethyl Ether	3.593	74	15929	50.188	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.958	101	37056	50.732	ug/l	99
10) Methyl Iodide	4.158	142	34377	44.442	ug/l	98
11) Tert butyl alcohol	5.052	59	13896	227.348	ug/l #	96
12) 1,1-Dichloroethene	3.934	96	33259	48.263	ug/l	92
13) Acrolein	3.793	56	8326	210.301	ug/l	99
14) Allyl chloride	4.558	41	34890	49.101	ug/l	97
15) Acrylonitrile	5.252	53	33686	250.220	ug/l	99
16) Acetone	4.022	43	25408	229.557	ug/l	96
17) Carbon Disulfide	4.264	76	73877	48.881	ug/l	95
18) Methyl Acetate	4.558	43	15394	48.270	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	78040	52.688	ug/l	100
20) Methylene Chloride	4.793	84	41079	48.528	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	37027	50.554	ug/l	94
22) Diisopropyl ether	6.211	45	85663	52.712	ug/l	97
23) Vinyl Acetate	6.152	43	200813	291.086	ug/l	94
24) 1,1-Dichloroethane	6.105	63	60470	49.403	ug/l	98
25) 2-Butanone	7.087	43	37683	248.464	ug/l	94
26) 2,2-Dichloropropane	7.069	77	56357	49.508	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	44582	51.286	ug/l	99
28) Bromochloromethane	7.422	49	21029	53.929	ug/l	100
29) Tetrahydrofuran	7.446	42	22641	262.928	ug/l	98
30) Chloroform	7.593	83	68899	50.020	ug/l	95
31) Cyclohexane	7.875	56	44933	46.383	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	60804	51.431	ug/l	98
36) 1,1-Dichloropropene	8.010	75	47104	47.913	ug/l	100
37) Ethyl Acetate	7.163	43	15165	46.810	ug/l #	93
38) Carbon Tetrachloride	7.993	117	48884	51.960	ug/l	96
39) Methylcyclohexane	9.269	83	56622	48.603	ug/l	96
40) Benzene	8.252	78	141619	48.796	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074421.D
 Acq On : 26 Sep 2022 15:35
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092622

Quant Time: Sep 27 03:24:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9314	47.675	ug/l #	95
42) 1,2-Dichloroethane	8.322	62	36212	49.732	ug/l	99
43) Isopropyl Acetate	8.357	43	32577	51.722	ug/l	96
44) Trichloroethene	9.028	130	42829	48.248	ug/l	96
45) 1,2-Dichloropropane	9.304	63	34310	49.852	ug/l	95
46) Dibromomethane	9.393	93	20493	50.402	ug/l	96
47) Bromodichloromethane	9.581	83	51847	49.307	ug/l	95
48) Methyl methacrylate	9.381	41	14923	53.047	ug/l	96
49) 1,4-Dioxane	9.381	88	4257	930.586	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	82723	255.569	ug/l	99
52) Toluene	10.334	92	93574	49.884	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	45552	52.121	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	55140	49.435	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	29097	51.402	ug/l	97
56) Ethyl methacrylate	10.599	69	33027	52.007	ug/l	98
57) 1,3-Dichloropropane	10.881	76	46195	50.053	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	29985	280.125	ug/l	100
59) 2-Hexanone	10.922	43	56324	257.821	ug/l	99
60) Dibromochloromethane	11.075	129	35586	50.193	ug/l	96
61) 1,2-Dibromoethane	11.181	107	27604	50.162	ug/l	99
64) Tetrachloroethene	10.804	164	35503	46.338	ug/l	95
65) Chlorobenzene	11.604	112	104104	48.654	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	38333	49.491	ug/l	99
67) Ethyl Benzene	11.681	91	182323	48.432	ug/l	98
68) m/p-Xylenes	11.787	106	144918	98.086	ug/l	99
69) o-Xylene	12.116	106	67657	49.384	ug/l	99
70) Styrene	12.134	104	117475	49.189	ug/l	98
71) Bromoform	12.298	173	19980	46.813	ug/l #	95
73) Isopropylbenzene	12.416	105	181777	49.258	ug/l	99
74) N-amyl acetate	12.228	43	28661	49.271	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	30681	47.652	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	21391m	55.018	ug/l	
77) Bromobenzene	12.698	156	43687	49.973	ug/l	97
78) n-propylbenzene	12.757	91	221784	49.955	ug/l	100
79) 2-Chlorotoluene	12.845	91	119126	49.716	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	153977	50.435	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	8740	54.855	ug/l	94
82) 4-Chlorotoluene	12.940	91	124564	50.708	ug/l	100
83) tert-Butylbenzene	13.163	119	136515	49.409	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	151460	49.831	ug/l	98
85) sec-Butylbenzene	13.340	105	205680	49.739	ug/l	98
86) p-Isopropyltoluene	13.457	119	171660	49.667	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	89989	50.151	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	89027	49.565	ug/l	99
89) n-Butylbenzene	13.781	91	160431	50.062	ug/l	100
90) Hexachloroethane	14.051	117	30128	49.248	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	77522	49.547	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.440	75	4575	51.886	ug/l	89
93) 1,2,4-Trichlorobenzene	15.092	180	49775	46.980	ug/l	99
94) Hexachlorobutadiene	15.198	225	26390	45.447	ug/l	97
95) Naphthalene	15.328	128	93880	48.655	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	43449	47.821	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
Data File : VD074421.D
Acq On : 26 Sep 2022 15:35
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

Quant Time: Sep 27 03:24:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 03:19:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074421.D
 Acq On : 26 Sep 2022 15:35
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092622

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022

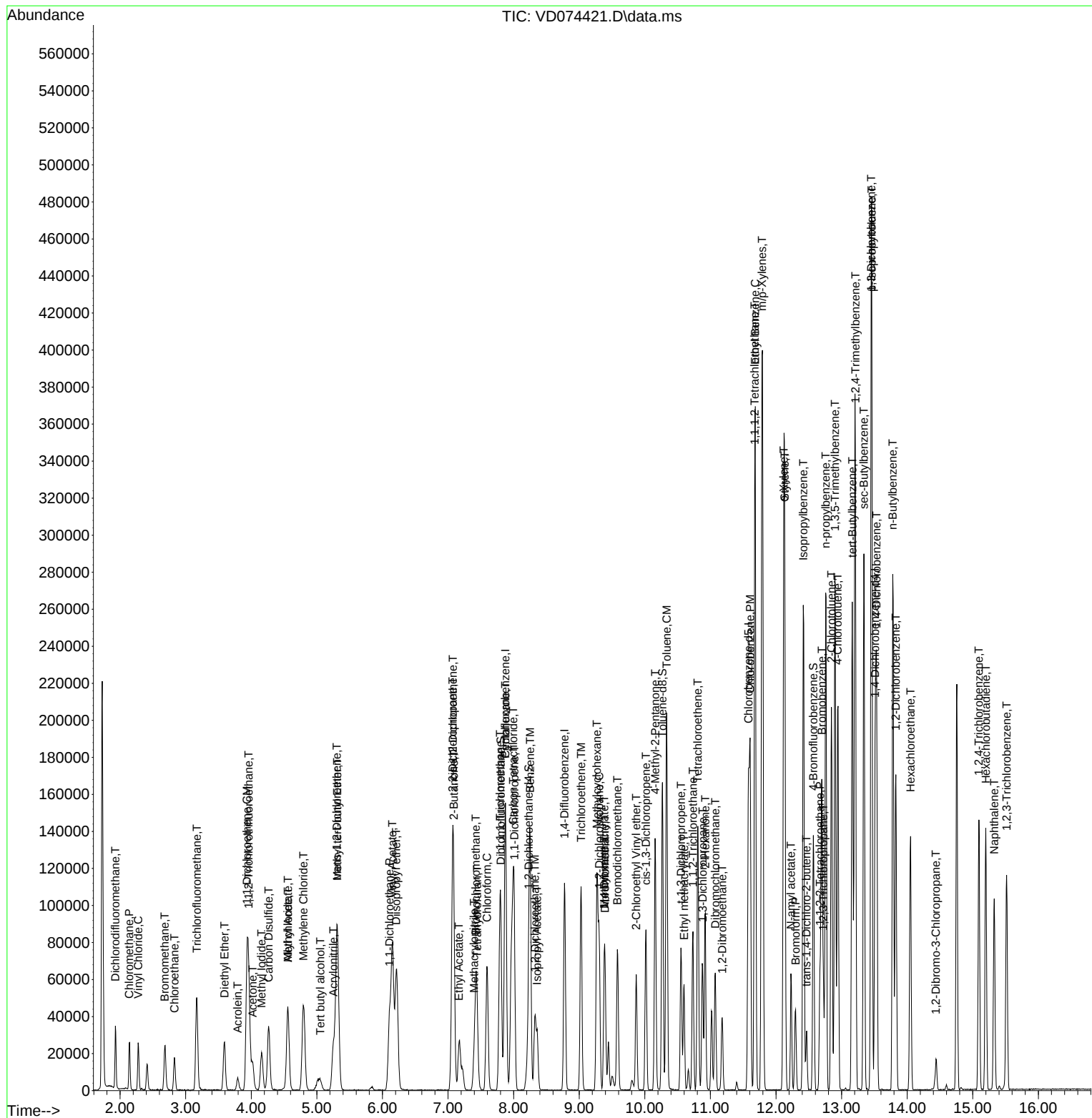
Quant Time: Sep 27 03:24:09 2022

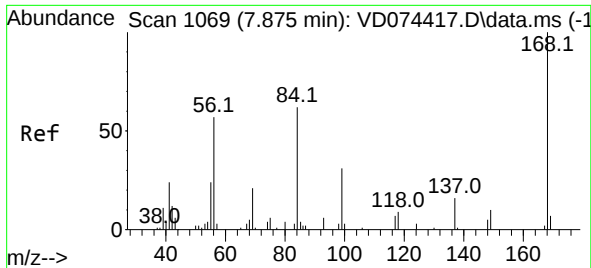
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M

Quant Title : SW846 8260

QLast Update : Tue Sep 27 03:19:14 2022

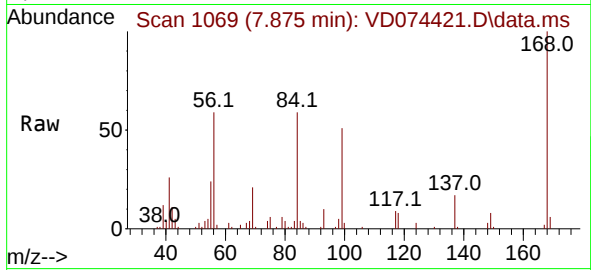
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

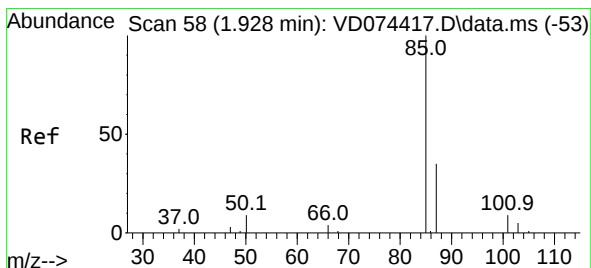
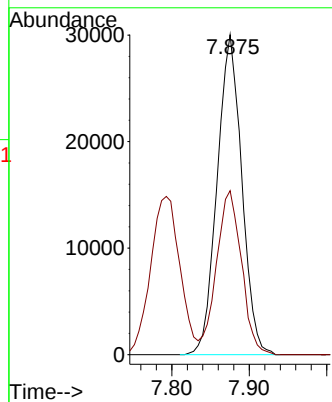
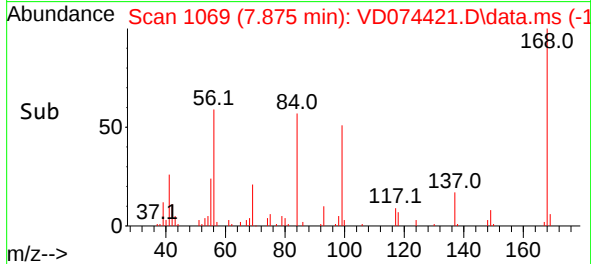
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622



Tgt Ion:168 Resp: 66270
Ion Ratio Lower Upper
168 100
99 51.2 40.9 61.3

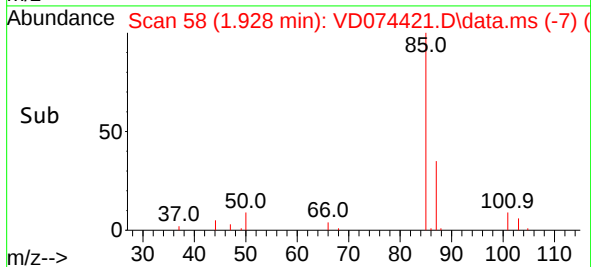
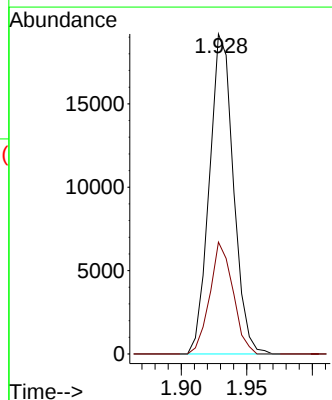
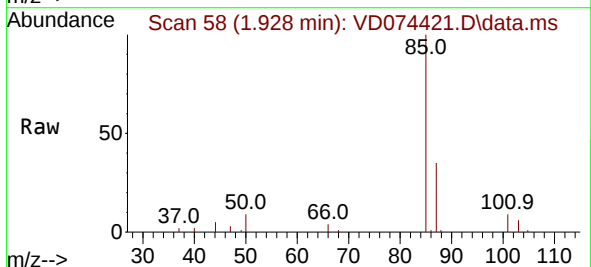
Manual Integrations
APPROVED

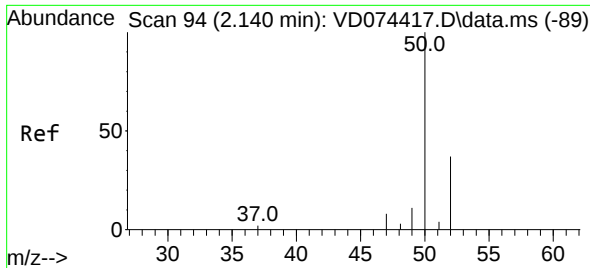
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#2
Dichlorodifluoromethane
Concen: 44.979 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

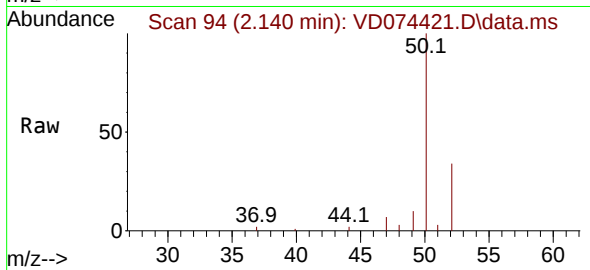
Tgt Ion: 85 Resp: 24475
Ion Ratio Lower Upper
85 100
87 34.9 17.5 52.6





#3
Chloromethane
Concen: 48.098 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

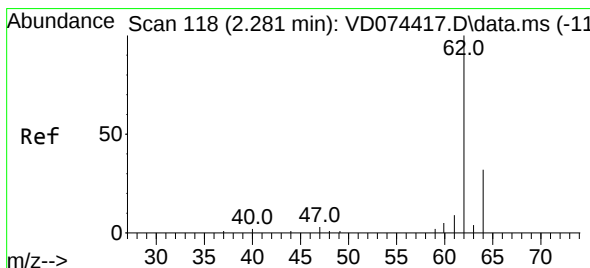
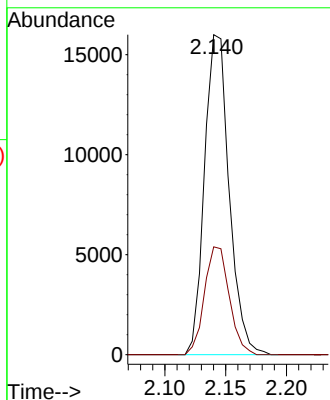
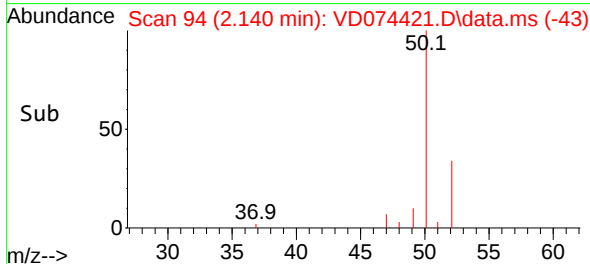
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622



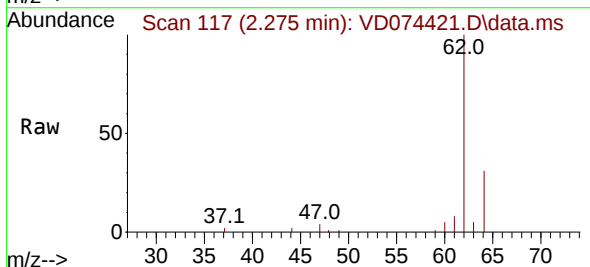
Tgt Ion: 50 Resp: 2255
Ion Ratio Lower Upper
50 100
52 33.7 30.0 45.0

Manual Integrations
APPROVED

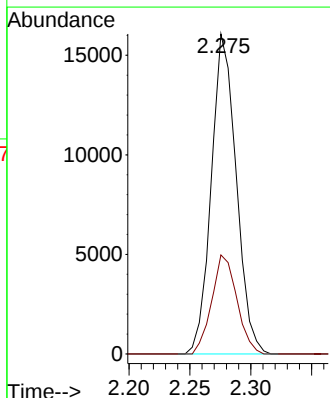
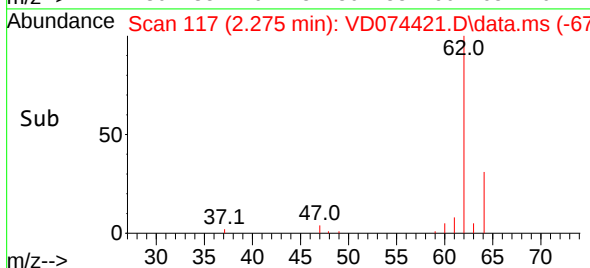
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

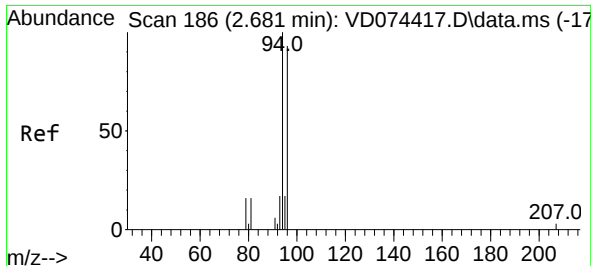


#4
Vinyl Chloride
Concen: 48.993 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35



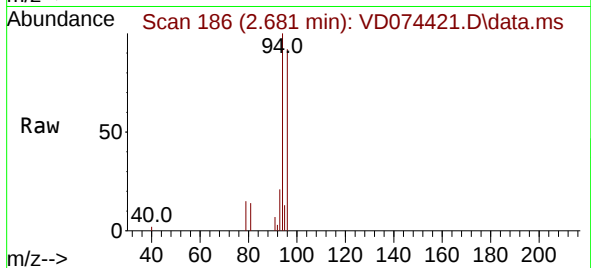
Tgt Ion: 62 Resp: 22871
Ion Ratio Lower Upper
62 100
64 30.9 25.5 38.3





#5
Bromomethane
Concen: 50.599 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

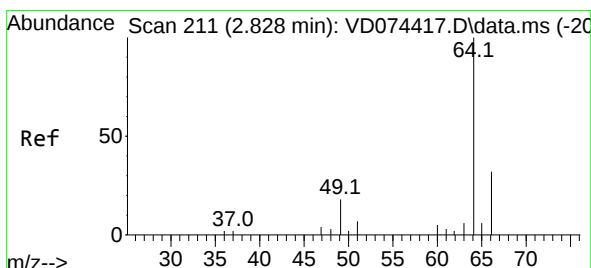
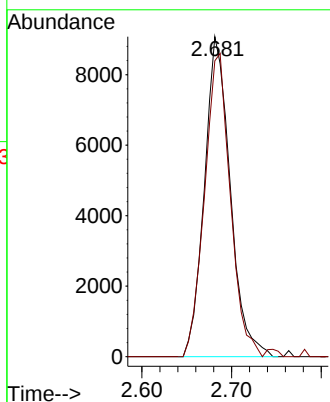
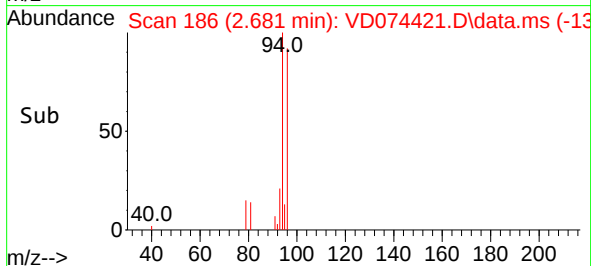
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622



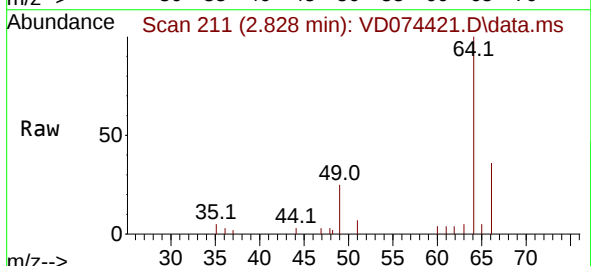
Tgt Ion: 94 Resp: 1815
Ion Ratio Lower Upper
94 100
96 92.4 74.6 112.0

Manual Integrations
APPROVED

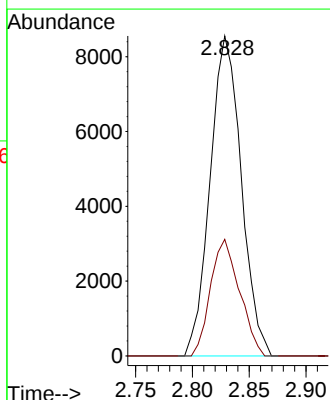
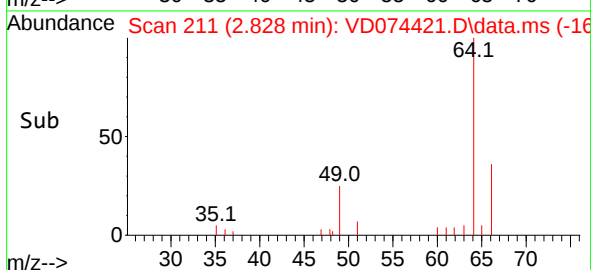
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

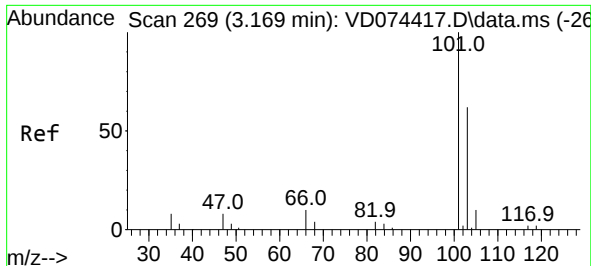


#6
Chloroethane
Concen: 51.074 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35



Tgt Ion: 64 Resp: 16332
Ion Ratio Lower Upper
64 100
66 36.4 25.8 38.8





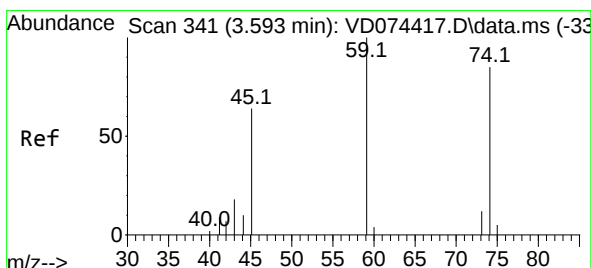
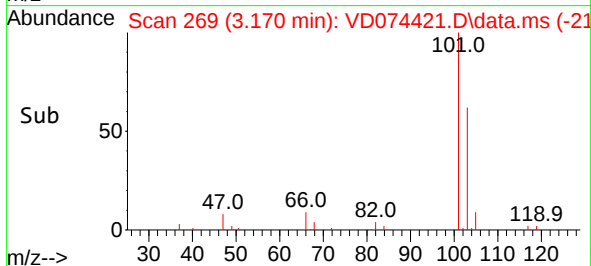
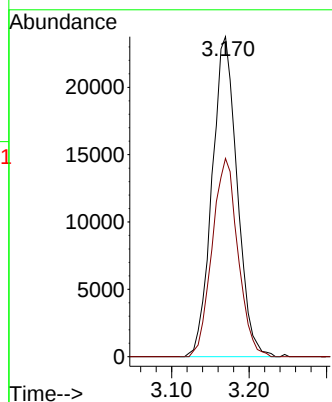
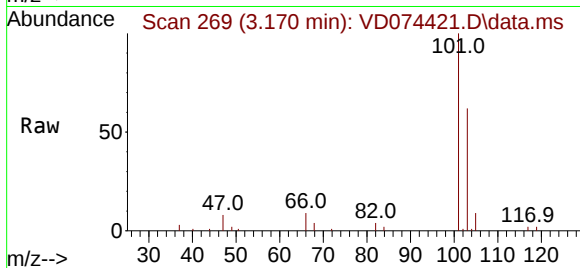
#7
Trichlorofluoromethane
Concen: 49.658 ug/l
RT: 3.170 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622

Tgt Ion:101 Resp: 53462
Ion Ratio Lower Upper
101 100
103 62.0 49.8 74.8

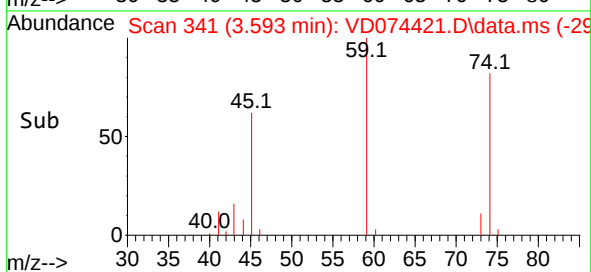
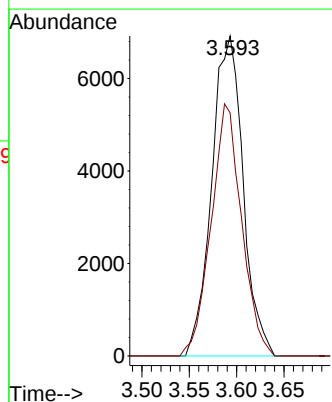
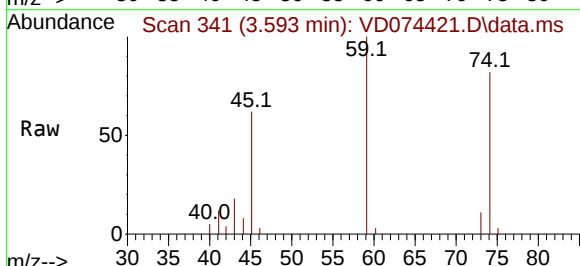
Manual Integrations
APPROVED

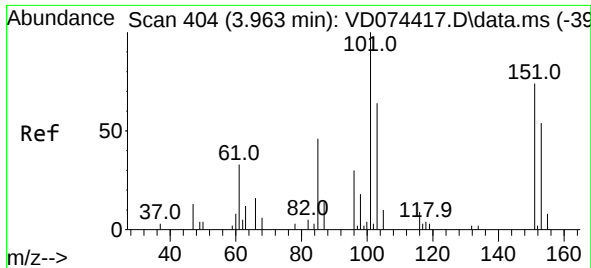
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#8
Diethyl Ether
Concen: 50.188 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Tgt Ion: 74 Resp: 15929
Ion Ratio Lower Upper
74 100
45 76.6 37.9 113.6





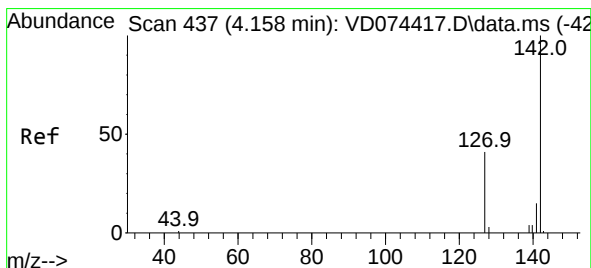
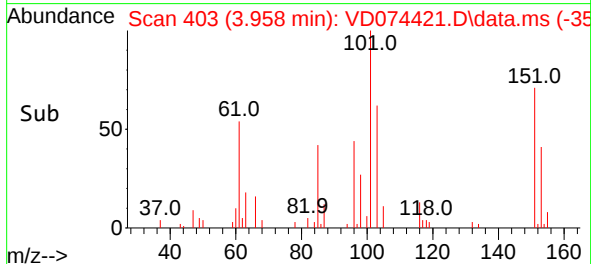
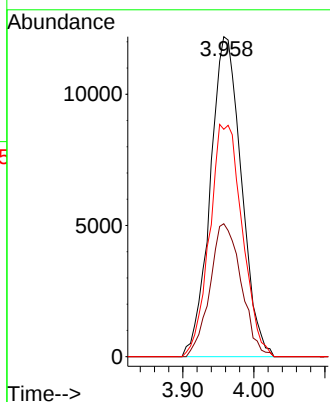
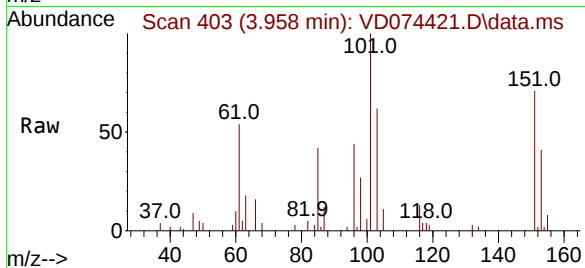
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.732 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622

Tgt Ion:101 Resp: 3705
Ion Ratio Lower Upper
101 100
85 41.8 34.1 51.1
151 76.2 61.7 92.5

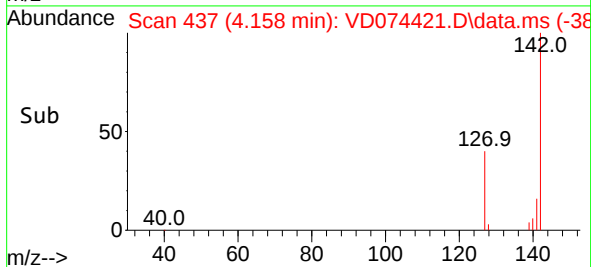
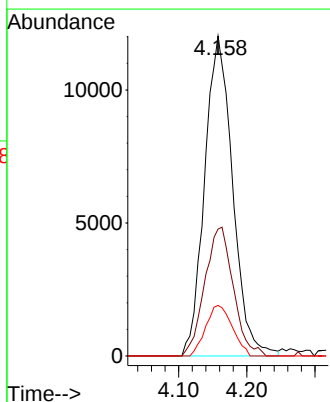
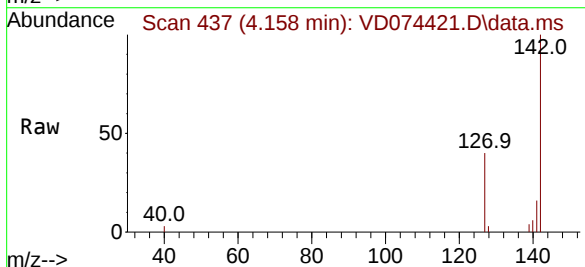
Manual Integrations
APPROVED

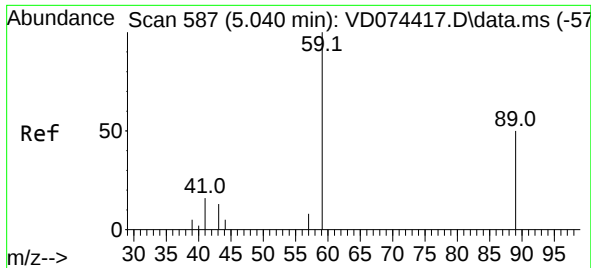
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#10
Methyl Iodide
Concen: 44.442 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Tgt Ion:142 Resp: 34377
Ion Ratio Lower Upper
142 100
127 41.0 31.9 47.9
141 15.0 11.4 17.2





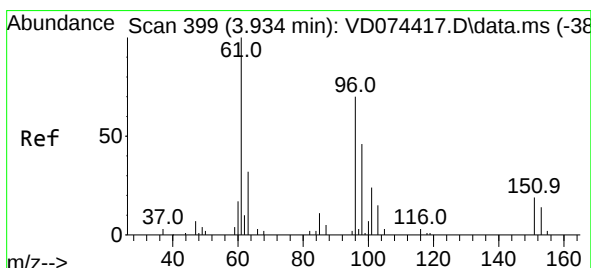
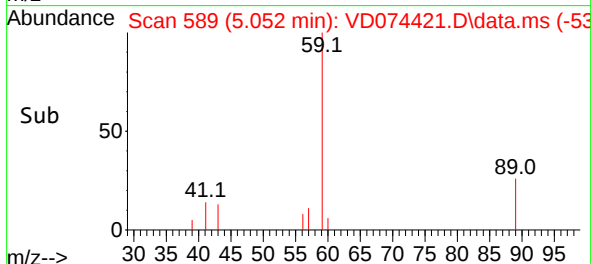
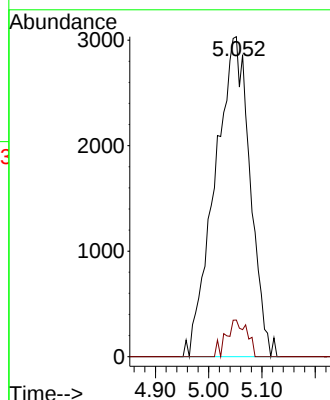
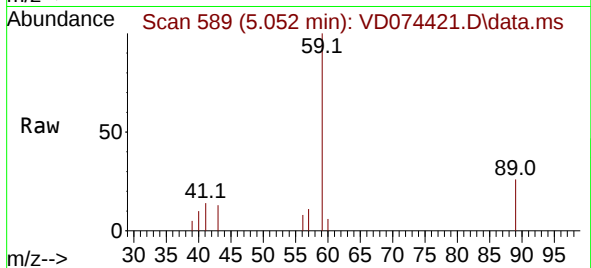
#11
Tert butyl alcohol
Concen: 227.348 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.012 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622

Tgt Ion: 59 Resp: 13890
Ion Ratio Lower Upper
59 100
57 6.7 4.4 6.6

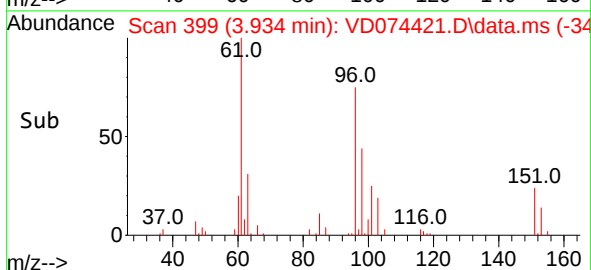
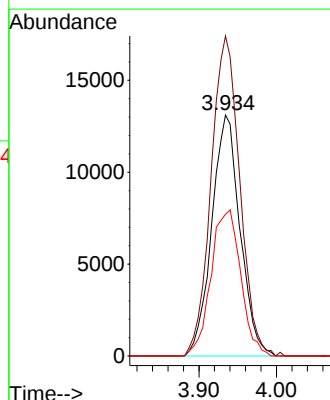
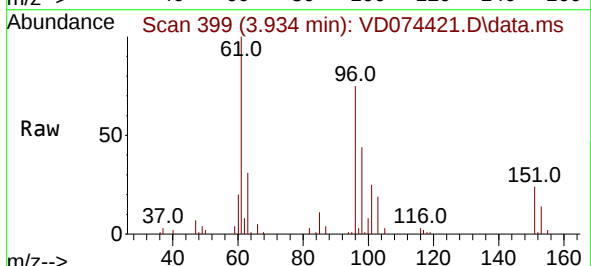
Manual Integrations
APPROVED

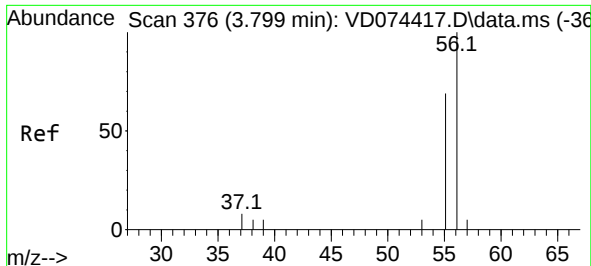
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#12
1,1-Dichloroethene
Concen: 48.263 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

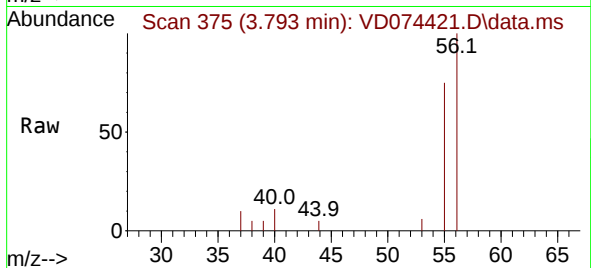
Tgt Ion: 96 Resp: 33259
Ion Ratio Lower Upper
96 100
61 132.8 113.9 170.9
98 58.8 51.8 77.8





#13
Acrolein
Concen: 210.301 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

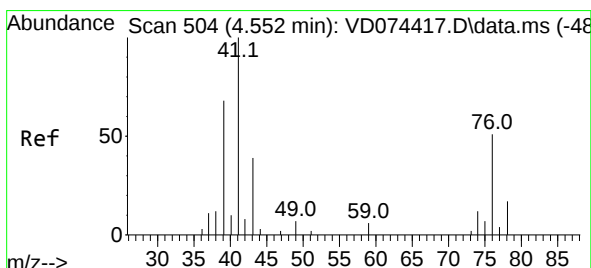
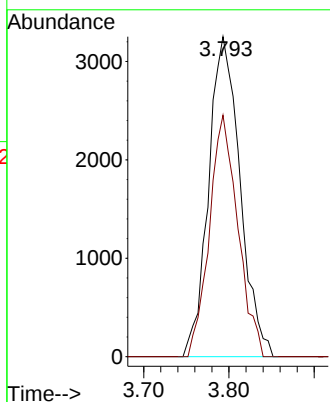
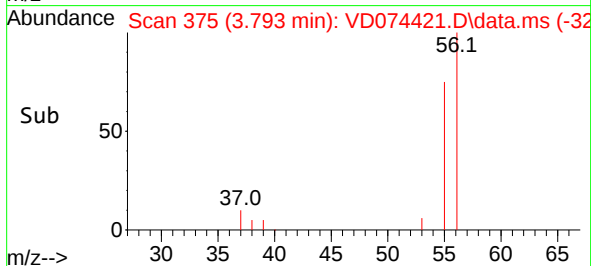
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622



Tgt Ion: 56 Resp: 8320
Ion Ratio Lower Upper
56 100
55 68.2 54.0 81.0

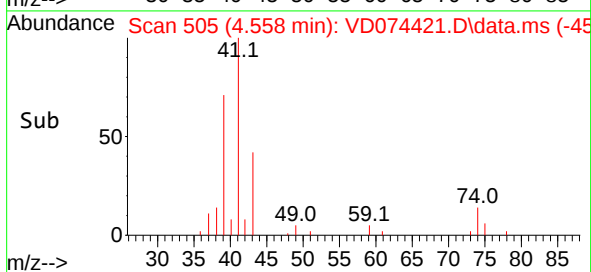
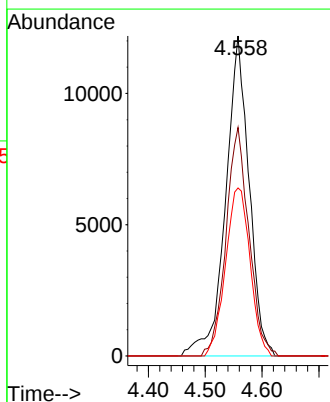
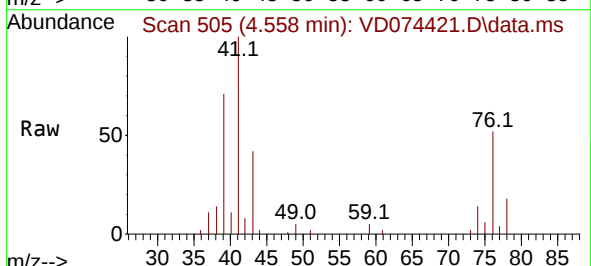
Manual Integrations
APPROVED

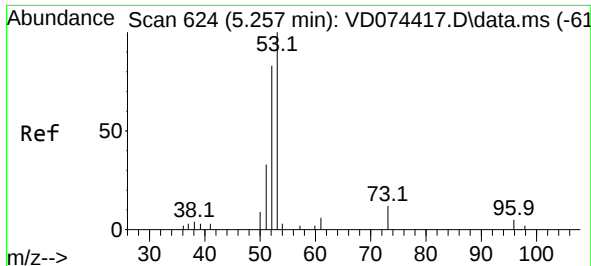
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#14
Allyl chloride
Concen: 49.101 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Tgt Ion: 41 Resp: 34890
Ion Ratio Lower Upper
41 100
39 69.9 53.4 80.2
76 55.1 42.4 63.6





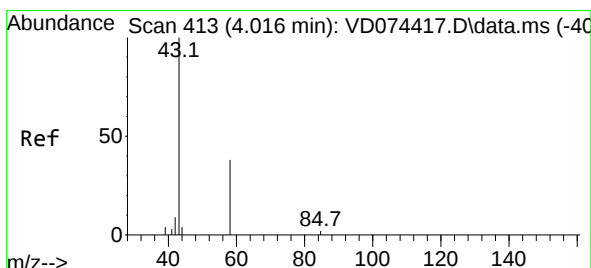
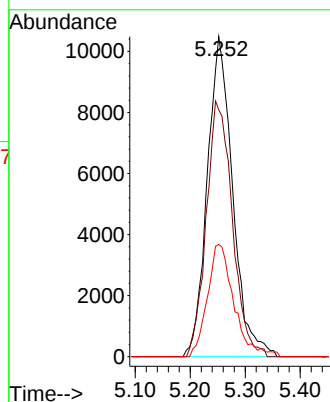
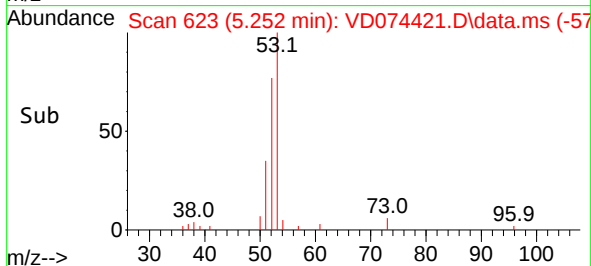
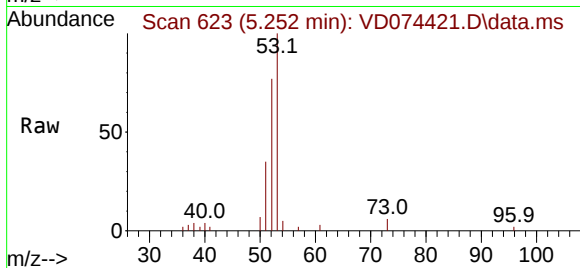
#15
Acrylonitrile
Concen: 250.220 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622

Tgt Ion: 53 Resp: 3368
Ion Ratio Lower Upper
53 100
52 81.7 66.0 99.0
51 36.5 28.3 42.5

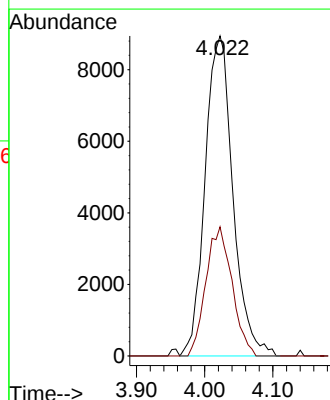
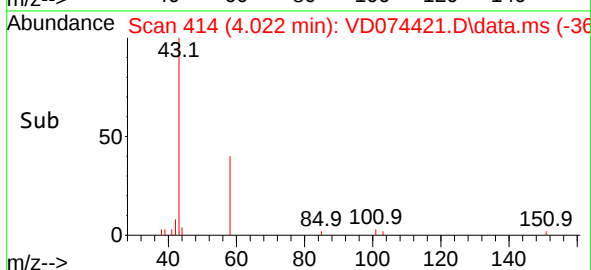
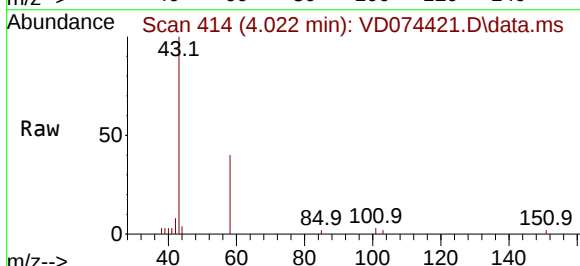
Manual Integrations
APPROVED

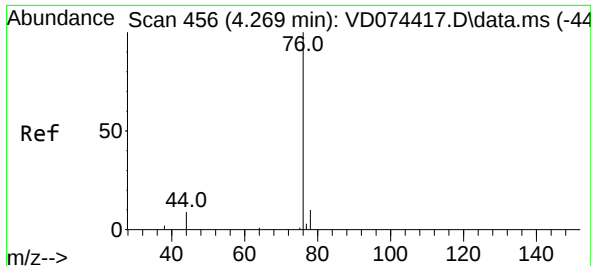
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#16
Acetone
Concen: 229.557 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Tgt Ion: 43 Resp: 25408
Ion Ratio Lower Upper
43 100
58 40.4 30.2 45.2





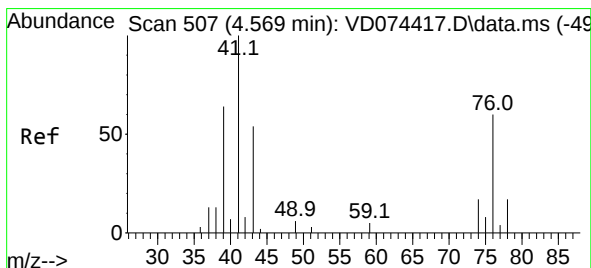
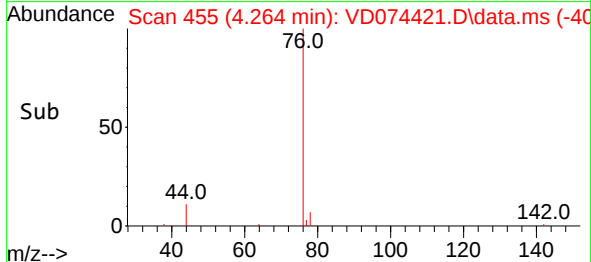
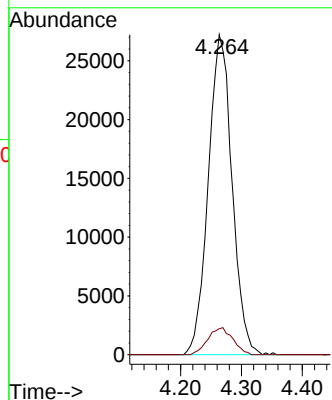
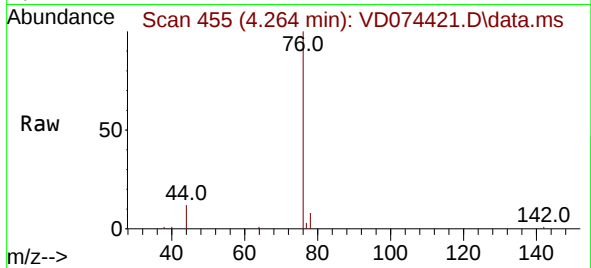
#17
Carbon Disulfide
Concen: 48.881 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622

Tgt Ion: 76 Resp: 7387
Ion Ratio Lower Upper
76 100
78 8.1 7.8 11.8

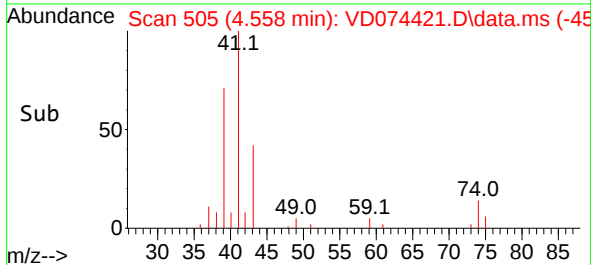
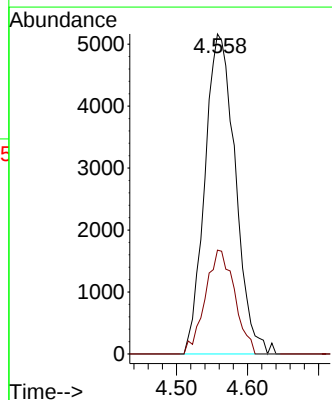
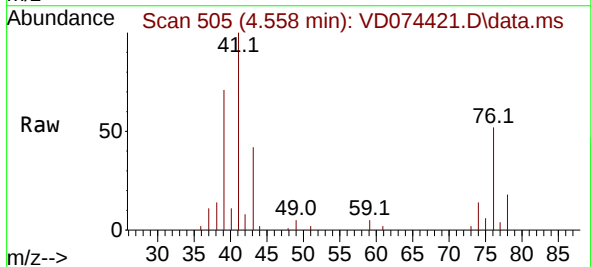
Manual Integrations
APPROVED

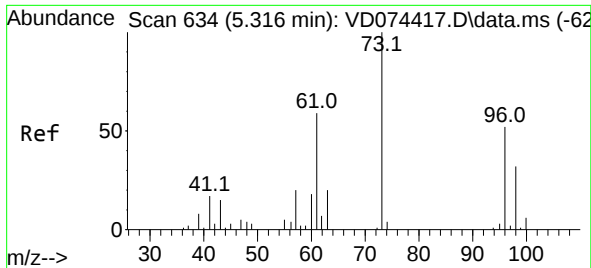
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#18
Methyl Acetate
Concen: 48.270 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.011 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

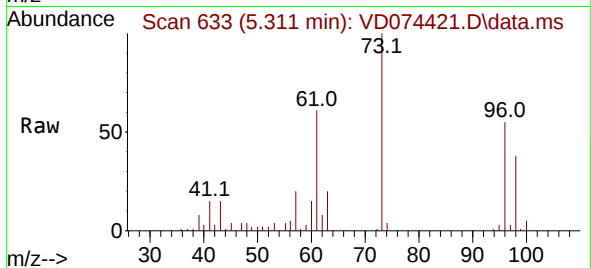
Tgt Ion: 43 Resp: 15394
Ion Ratio Lower Upper
43 100
74 31.2 24.7 37.1





#19
Methyl tert-butyl Ether
Concen: 52.688 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

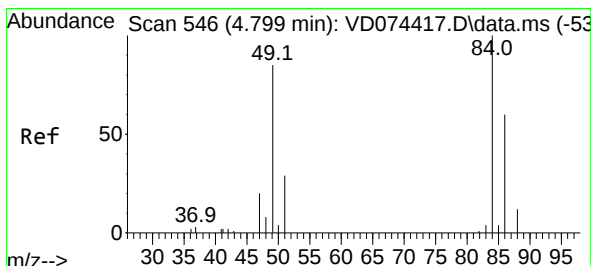
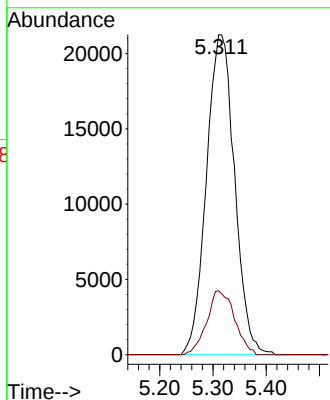
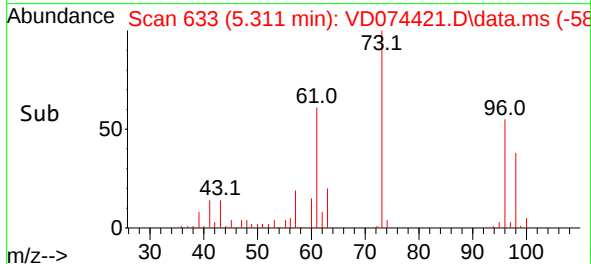
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622



Tgt Ion: 73 Resp: 78040
Ion Ratio Lower Upper
73 100
57 20.0 16.1 24.1

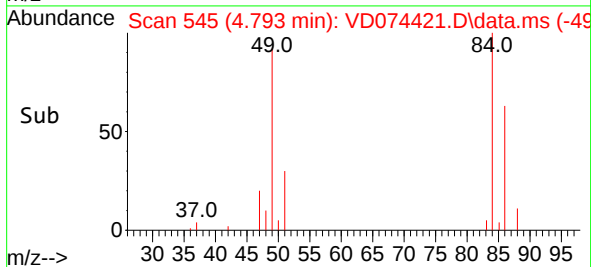
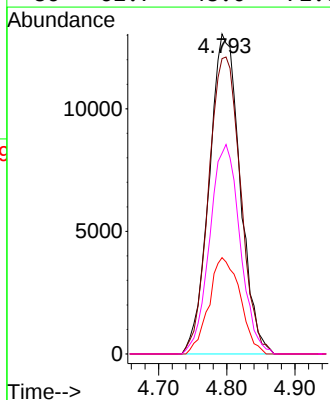
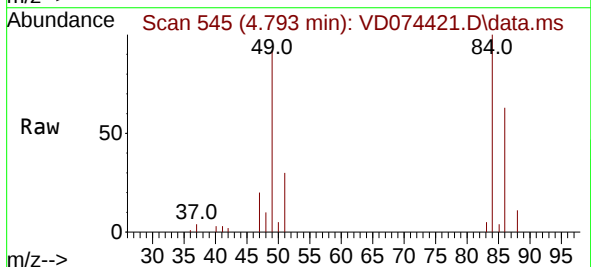
Manual Integrations
APPROVED

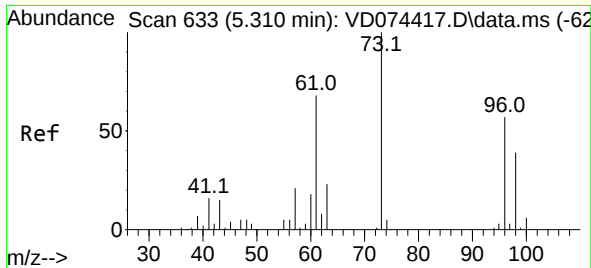
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#20
Methylene Chloride
Concen: 48.528 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Tgt Ion: 84 Resp: 41079
Ion Ratio Lower Upper
84 100
49 92.3 68.0 102.0
51 30.1 23.2 34.8
86 62.7 48.0 72.0





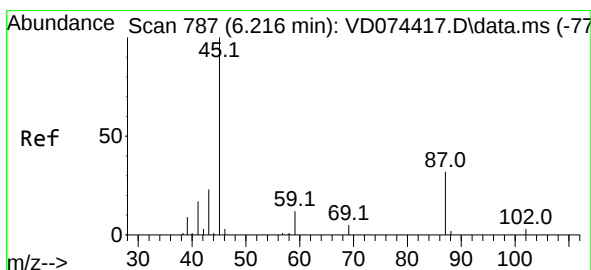
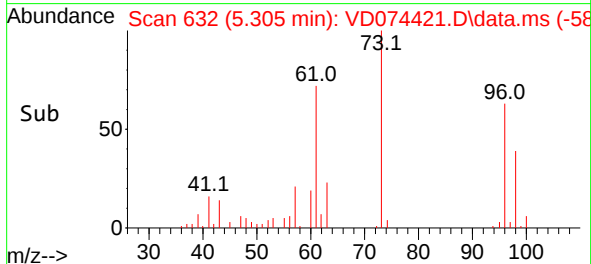
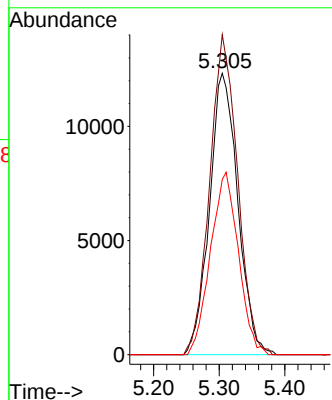
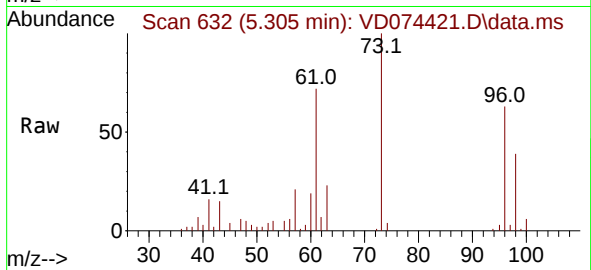
#21
trans-1,2-Dichloroethene
Concen: 50.554 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622

Tgt Ion: 96 Resp: 3702
Ion Ratio Lower Upper
96 100
61 113.7 95.7 143.5
98 62.2 54.8 82.2

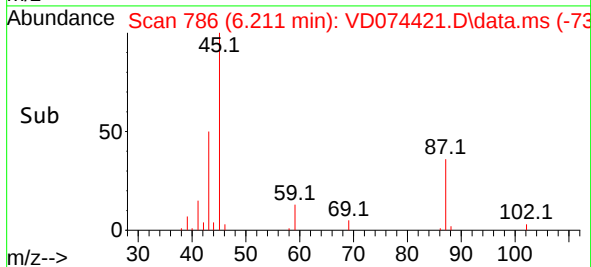
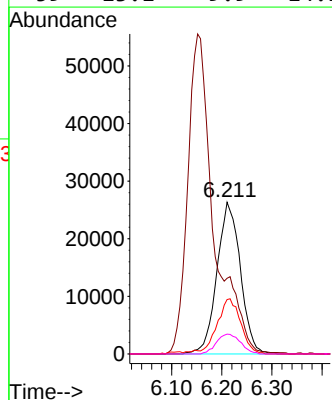
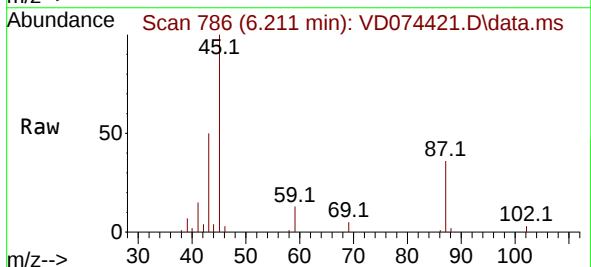
Manual Integrations
APPROVED

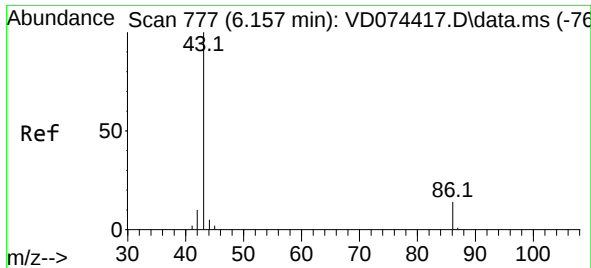
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#22
Diisopropyl ether
Concen: 52.712 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Tgt Ion: 45 Resp: 85663
Ion Ratio Lower Upper
45 100
43 49.1 37.8 56.6
87 35.9 26.6 40.0
59 13.1 9.9 14.9





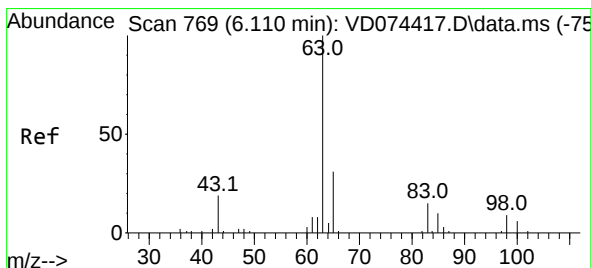
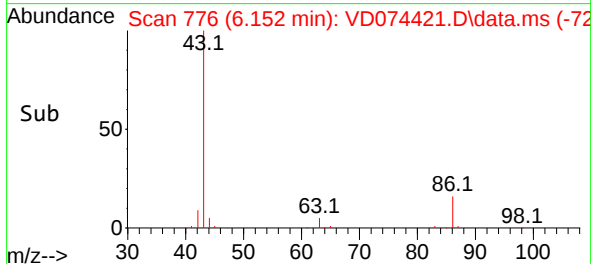
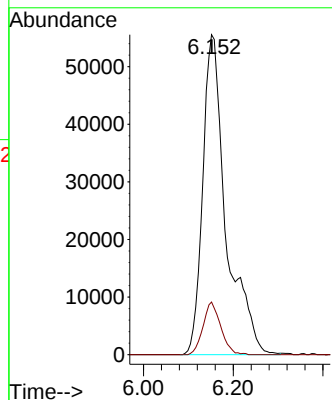
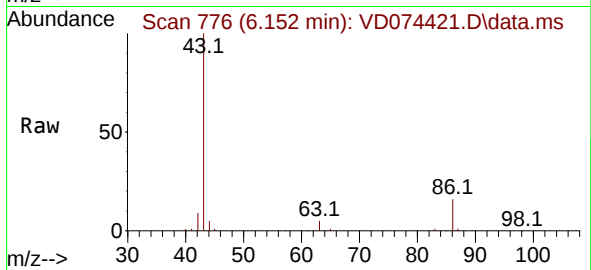
#23
 Vinyl Acetate
 Concen: 291.086 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD074421.D
 Acq: 26 Sep 2022 15:35

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092622

Tgt Ion: 43 Resp: 20081
 Ion Ratio Lower Upper
 43 100
 86 16.4 11.2 16.8

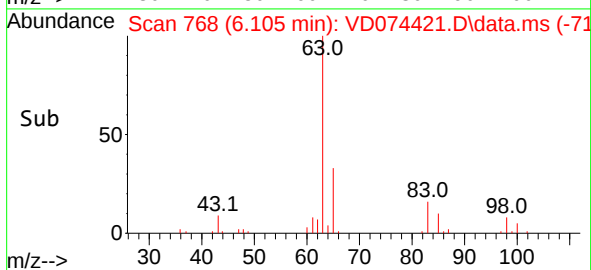
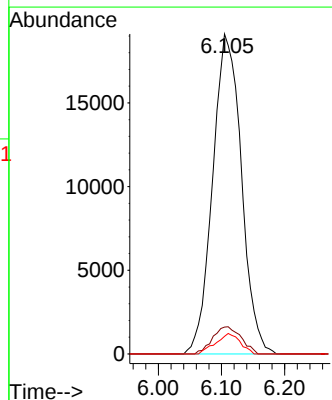
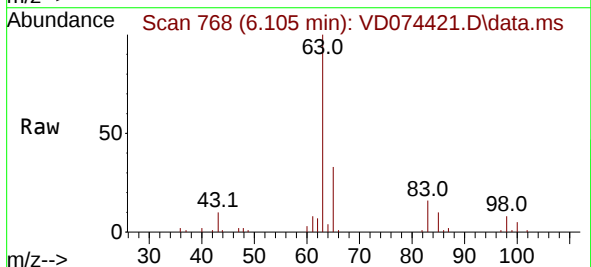
Manual Integrations
 APPROVED

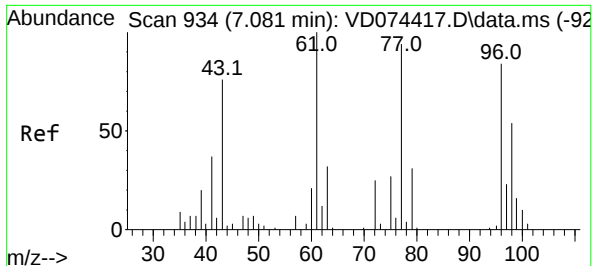
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022



#24
 1,1-Dichloroethane
 Concen: 49.403 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD074421.D
 Acq: 26 Sep 2022 15:35

Tgt Ion: 63 Resp: 60470
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.6 13.8
 100 5.5 2.9 8.6





#25

2-Butanone

Concen: 248.464 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD074421.D

Acq: 26 Sep 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092622

Tgt Ion: 43 Resp: 3768

Ion Ratio Lower Upper

43 100

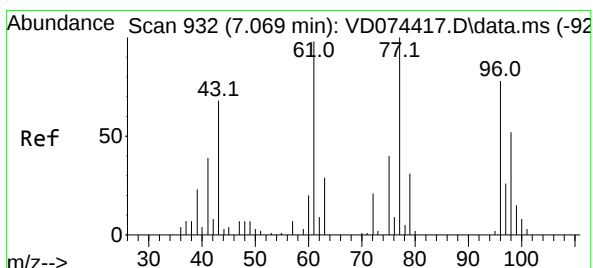
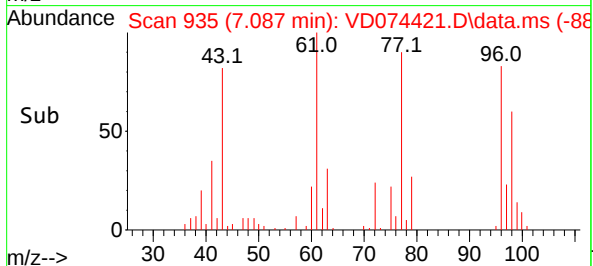
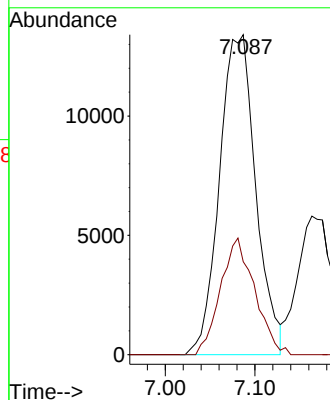
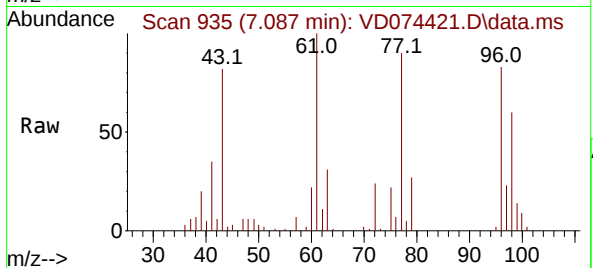
72 29.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#26

2,2-Dichloropropane

Concen: 49.508 ug/l

RT: 7.069 min Scan# 932

Delta R.T. 0.000 min

Lab File: VD074421.D

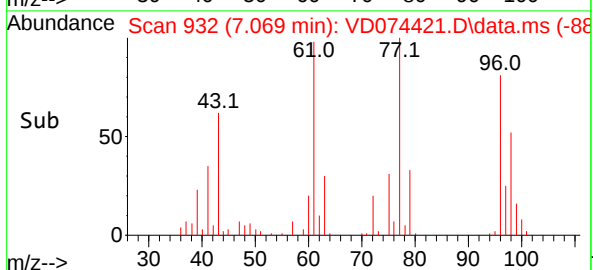
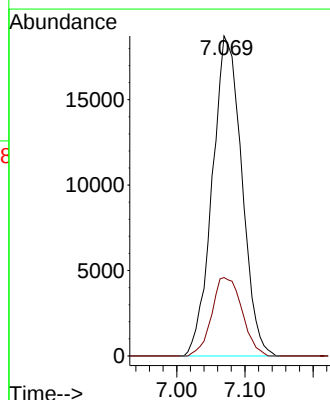
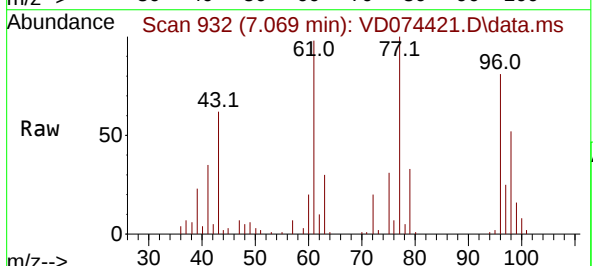
Acq: 26 Sep 2022 15:35

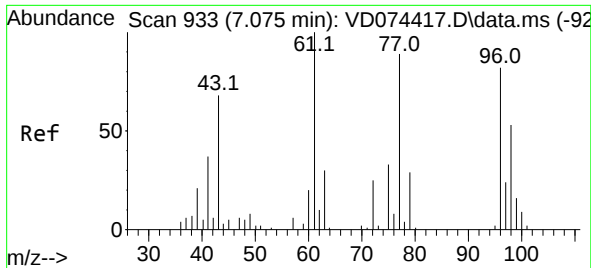
Tgt Ion: 77 Resp: 56357

Ion Ratio Lower Upper

77 100

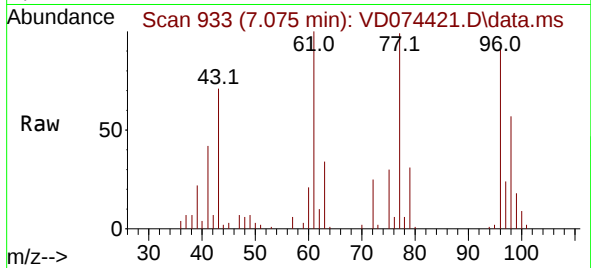
97 25.1 12.5 37.5





#27
 cis-1,2-Dichloroethene
 Concen: 51.286 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD074421.D
 Acq: 26 Sep 2022 15:35

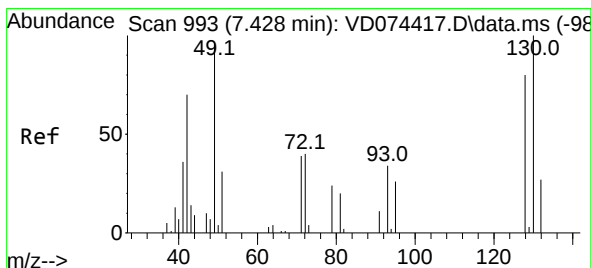
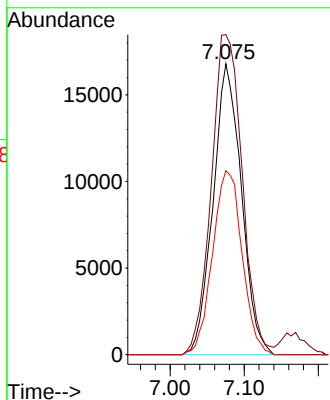
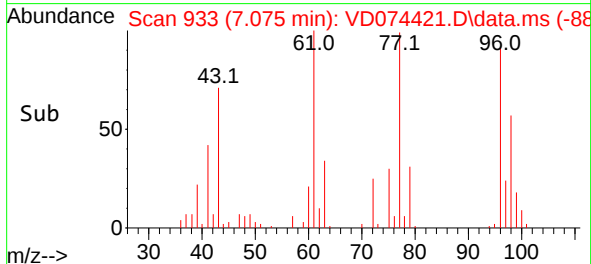
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092622



Tgt Ion: 96 Resp: 4458
 Ion Ratio Lower Upper
 96 100
 61 119.9 0.0 242.4
 98 65.9 0.0 130.0

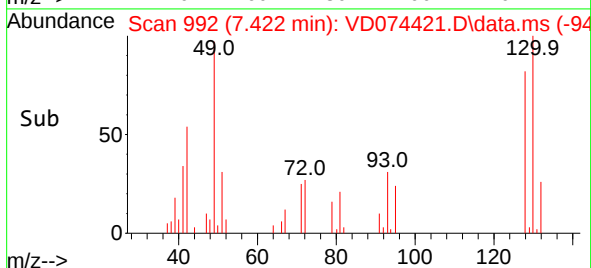
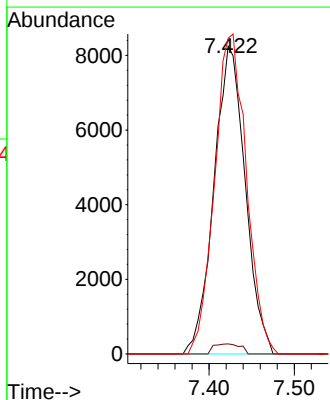
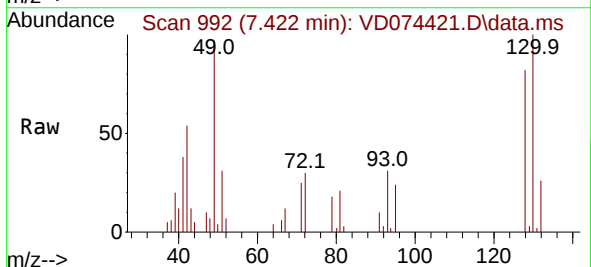
Manual Integrations
 APPROVED

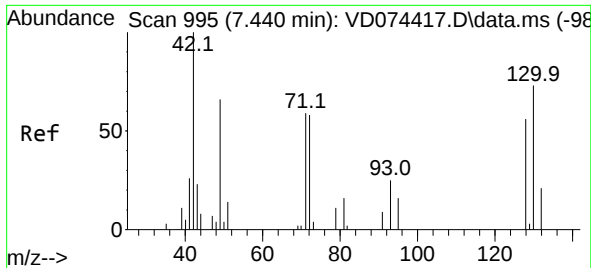
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022



#28
 Bromochloromethane
 Concen: 53.929 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD074421.D
 Acq: 26 Sep 2022 15:35

Tgt Ion: 49 Resp: 21029
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.0
 130 105.4 84.1 126.1





#29

Tetrahydrofuran

Concen: 262.928 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD074421.D

Acq: 26 Sep 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

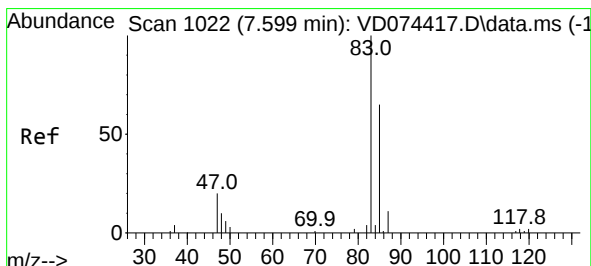
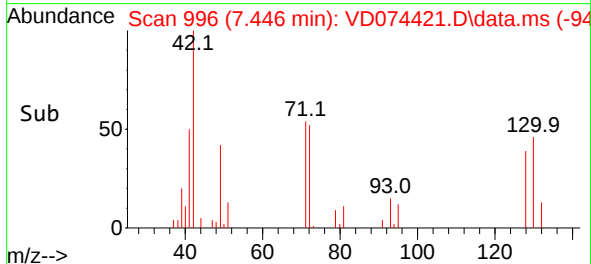
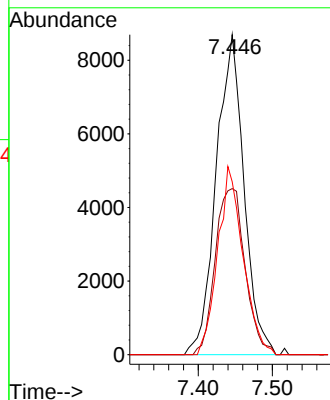
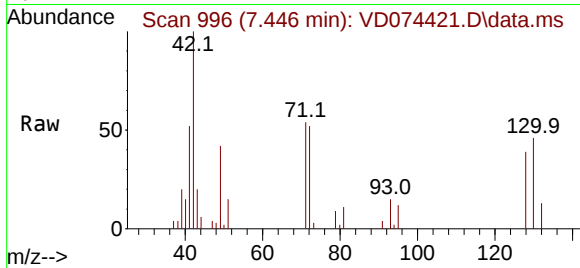
ICVVD092622

Tgt Ion:	42	Resp:	2264
Ion Ratio	Lower	Upper	
42	100		
72	55.8	45.8	68.6
71	53.7	44.6	66.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#30

Chloroform

Concen: 50.020 ug/l

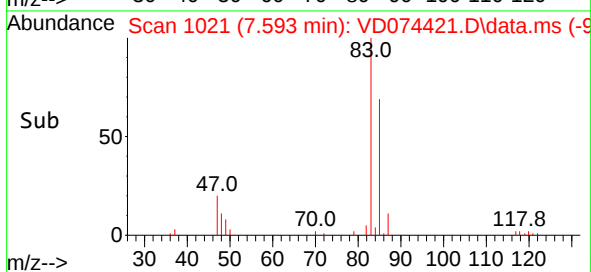
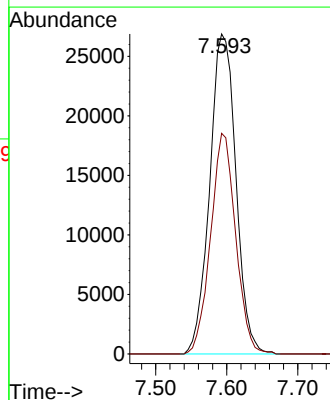
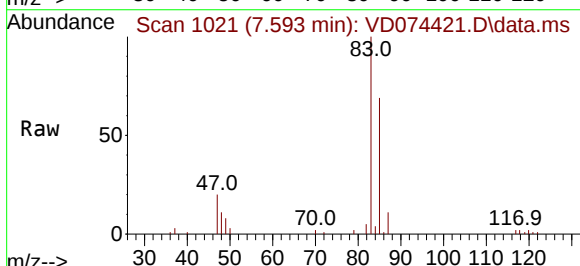
RT: 7.593 min Scan# 1021

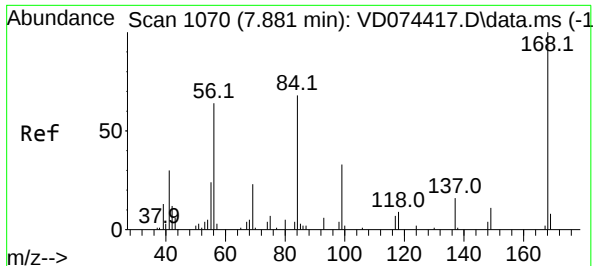
Delta R.T. -0.006 min

Lab File: VD074421.D

Acq: 26 Sep 2022 15:35

Tgt Ion:	83	Resp:	68899
Ion Ratio	Lower	Upper	
83	100		
85	68.9	52.0	78.0





#31

Cyclohexane

Concen: 46.383 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD074421.D

Acq: 26 Sep 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

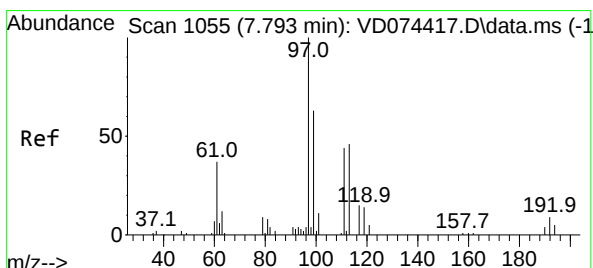
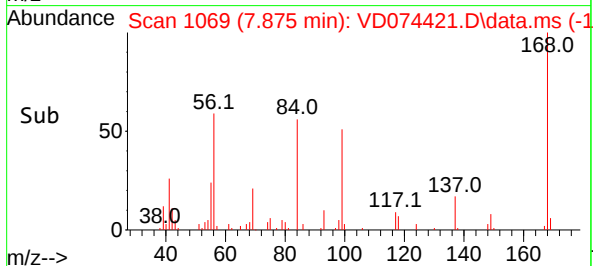
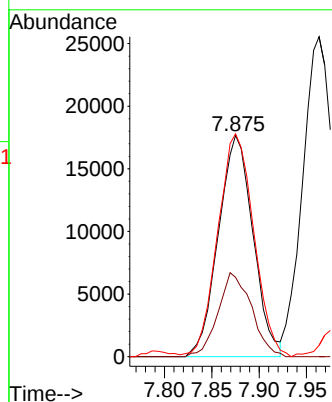
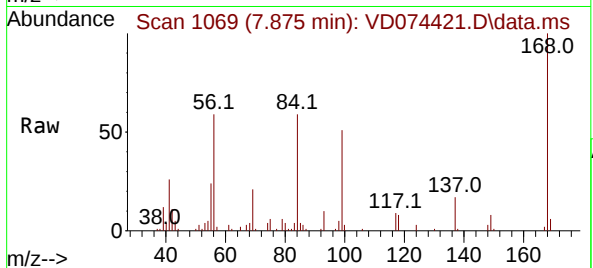
ICVVD092622

Tgt Ion:	56	Resp:	4493
Ion Ratio	Lower	Upper	
56	100		
69	35.9	29.2	43.8
84	99.8	83.4	125.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#32

1,1,1-Trichloroethane

Concen: 51.431 ug/l

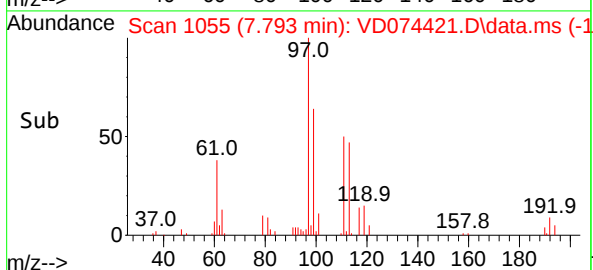
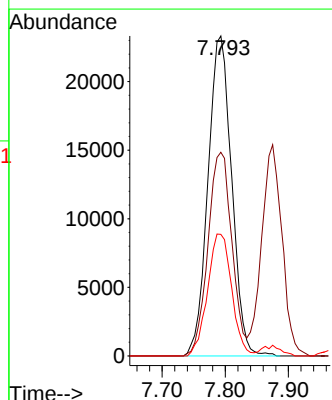
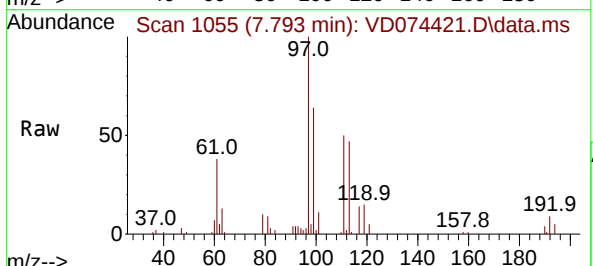
RT: 7.793 min Scan# 1055

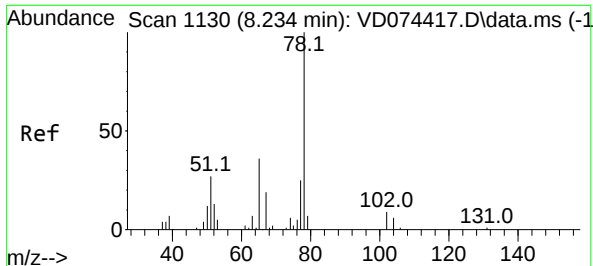
Delta R.T. 0.000 min

Lab File: VD074421.D

Acq: 26 Sep 2022 15:35

Tgt Ion:	97	Resp:	60804
Ion Ratio	Lower	Upper	
97	100		
99	64.6	53.3	79.9
61	38.8	30.2	45.4





#33

1,2-Dichloroethane-d4

Concen: 48.788 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074421.D

Acq: 26 Sep 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092622

Tgt Ion: 65 Resp: 27830

Ion Ratio Lower Upper

65 100

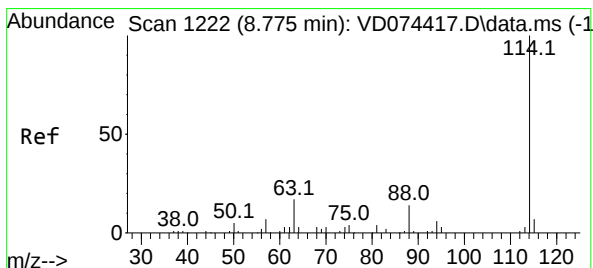
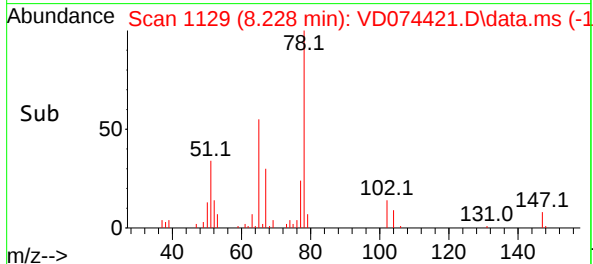
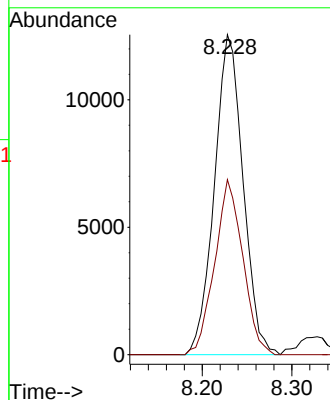
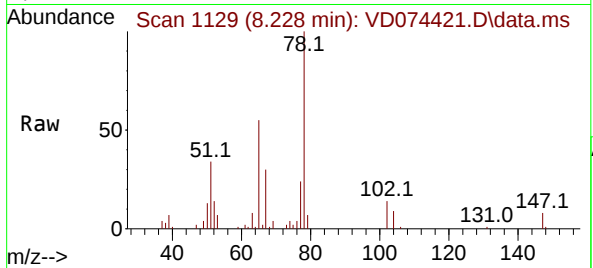
67 53.7 0.0 110.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074421.D

Acq: 26 Sep 2022 15:35

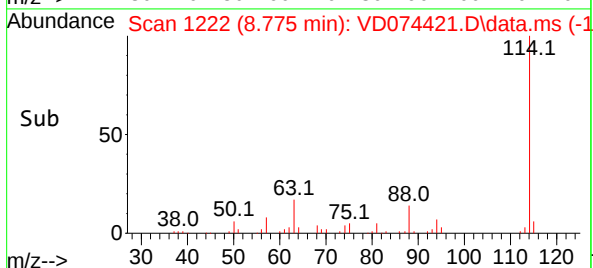
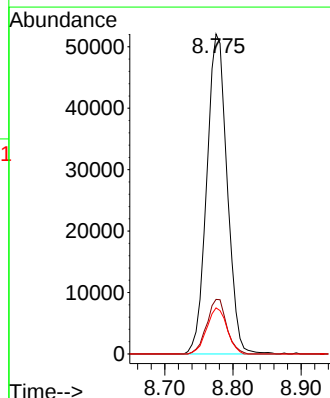
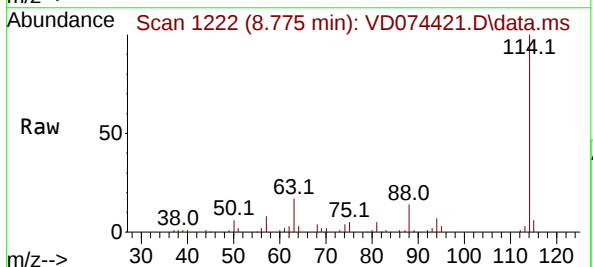
Tgt Ion:114 Resp: 108262

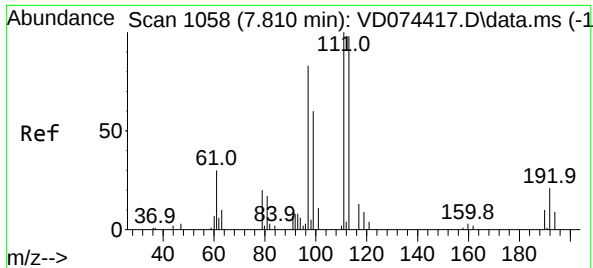
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.2

88 14.4 0.0 28.2





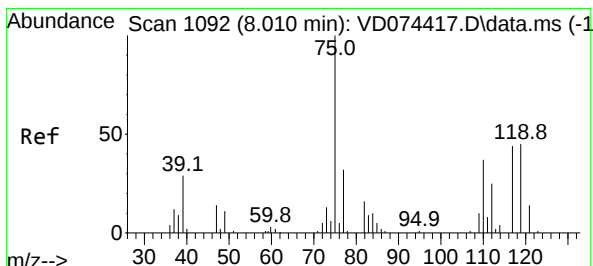
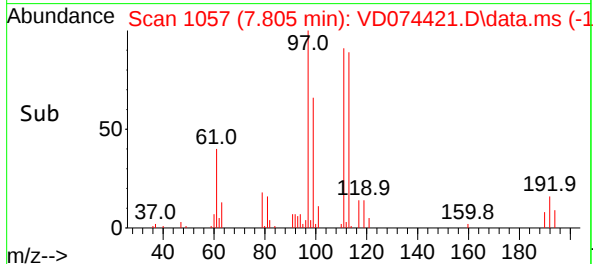
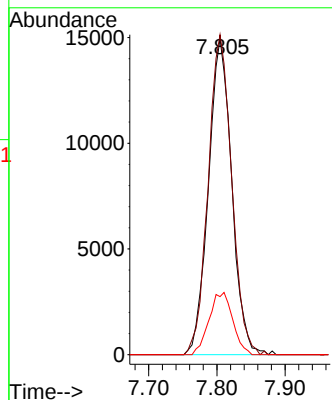
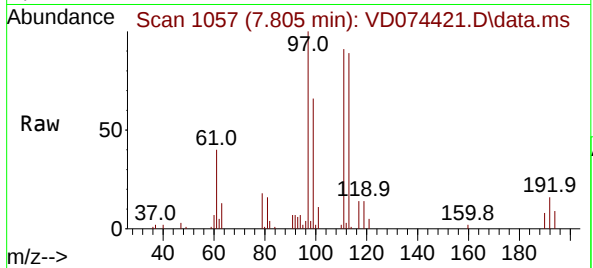
#35
Dibromofluoromethane
Concen: 48.744 ug/l
RT: 7.805 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622

Tgt Ion:113 Resp: 3558
Ion Ratio Lower Upper
113 100
111 102.2 82.3 123.5
192 20.0 16.4 24.6

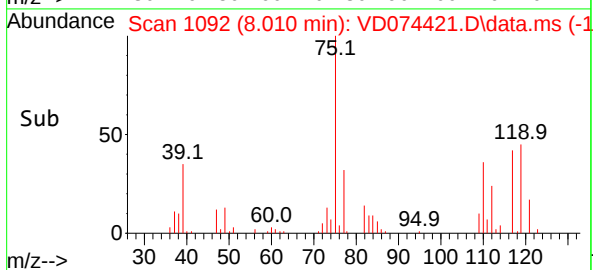
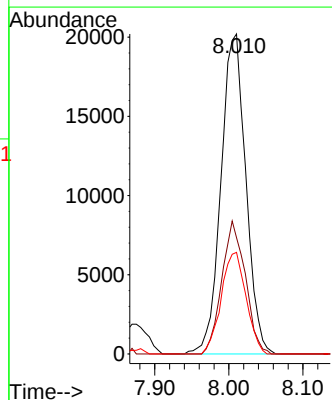
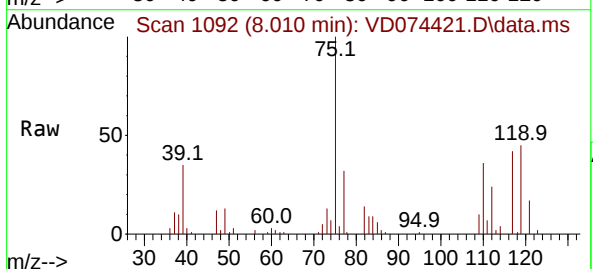
Manual Integrations
APPROVED

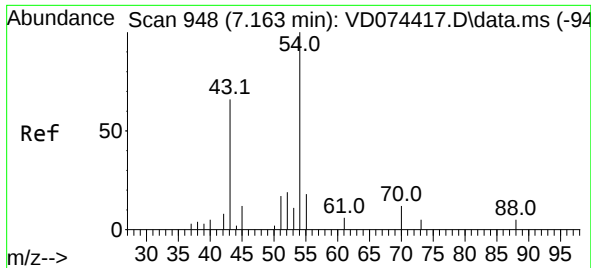
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#36
1,1-Dichloropropene
Concen: 47.913 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Tgt Ion: 75 Resp: 47104
Ion Ratio Lower Upper
75 100
110 39.3 19.7 59.0
77 31.8 25.4 38.2





#37

Ethyl Acetate

Concen: 46.810 ug/l

RT: 7.163 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD074421.D

Acq: 26 Sep 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092622

Tgt Ion: 43 Resp: 1516

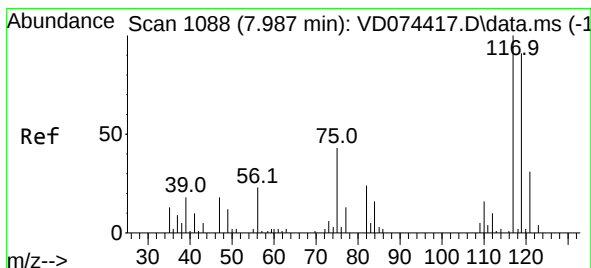
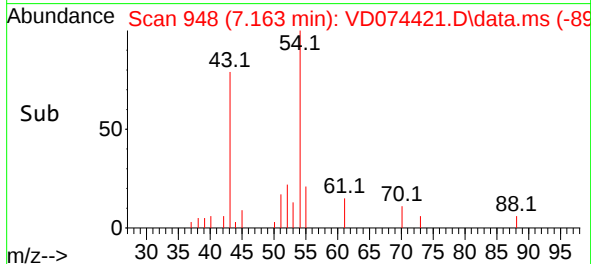
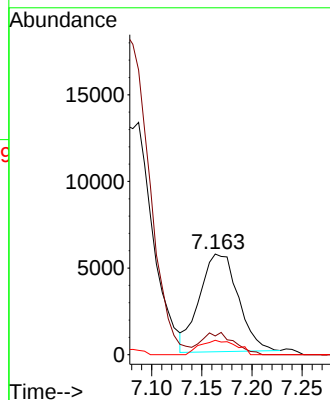
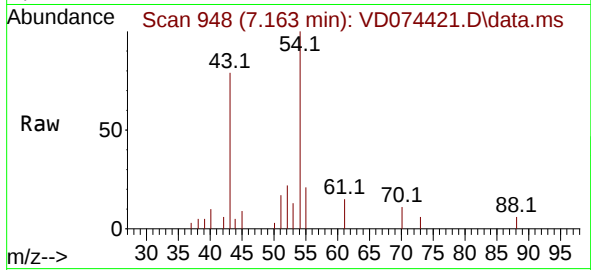
Ion	Ratio	Lower	Upper
43	100		
61	18.8	12.2	18.4
70	13.6	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#38

Carbon Tetrachloride

Concen: 51.960 ug/l

RT: 7.993 min Scan# 1089

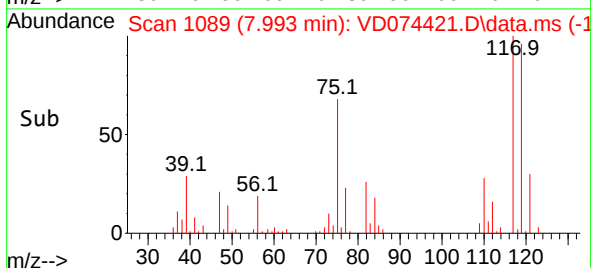
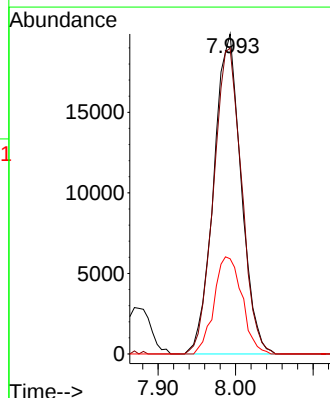
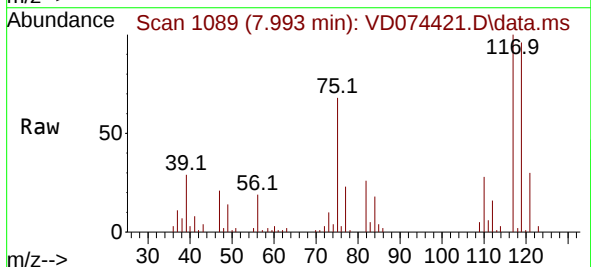
Delta R.T. 0.006 min

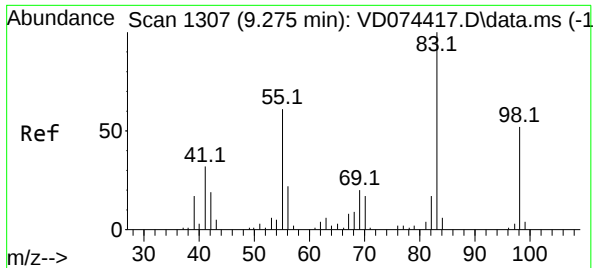
Lab File: VD074421.D

Acq: 26 Sep 2022 15:35

Tgt Ion:117 Resp: 48884

Ion	Ratio	Lower	Upper
117	100		
119	95.5	73.1	109.7
121	29.7	25.0	37.6





#39
Methylcyclohexane
Concen: 48.603 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

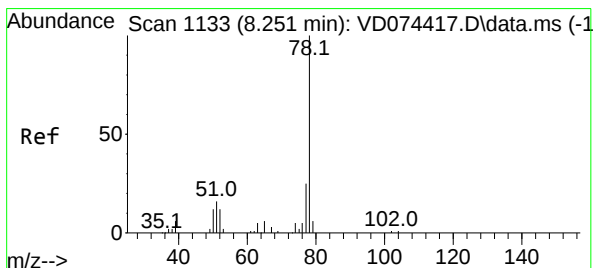
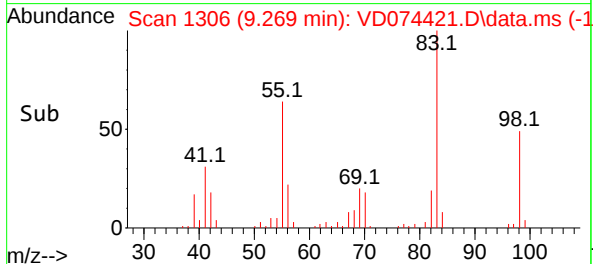
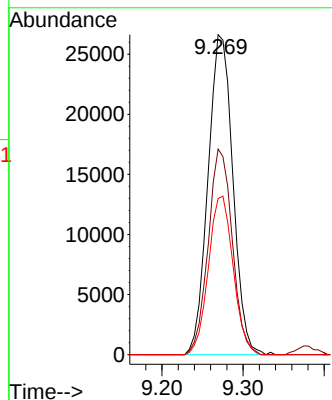
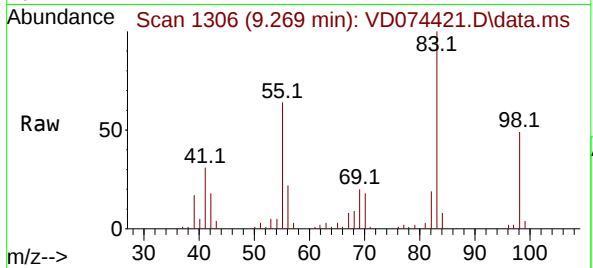
ICVVD092622

Tgt Ion: 83 Resp: 5662
Ion Ratio Lower Upper
83 100
55 64.2 49.0 73.4
98 48.8 41.7 62.5

Manual Integrations

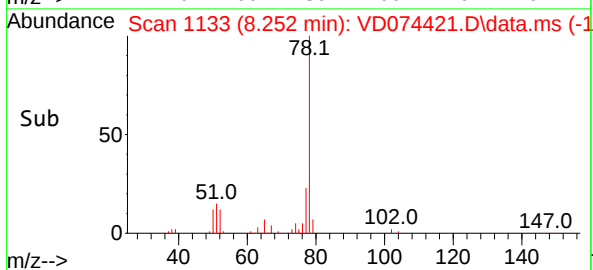
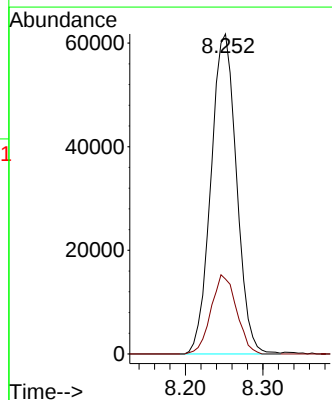
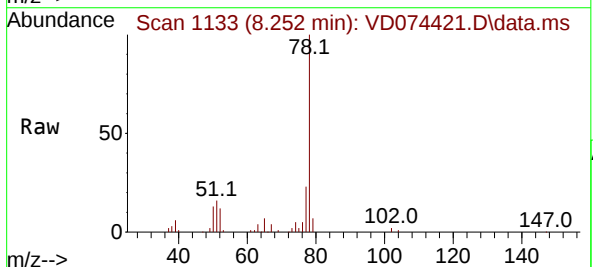
APPROVED

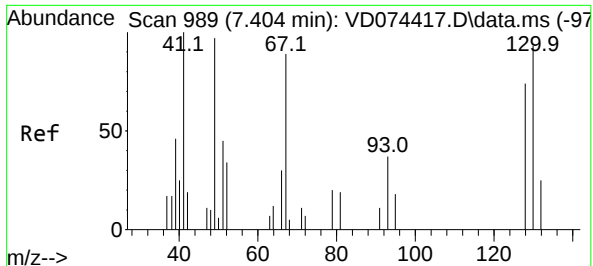
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#40
Benzene
Concen: 48.796 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

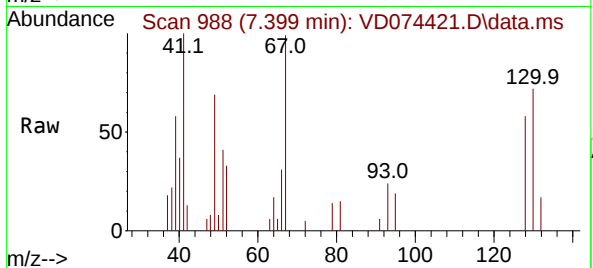
Tgt Ion: 78 Resp: 141619
Ion Ratio Lower Upper
78 100
77 23.4 20.1 30.1





#41
Methacrylonitrile
Concen: 47.675 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

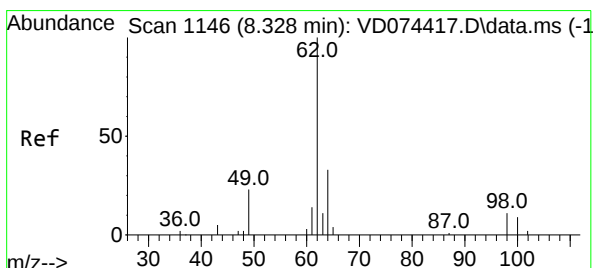
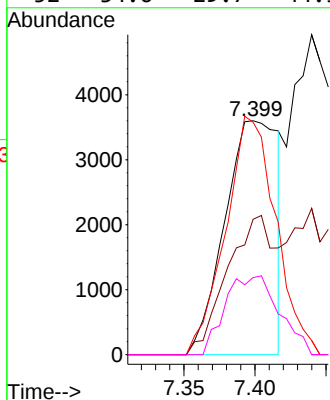
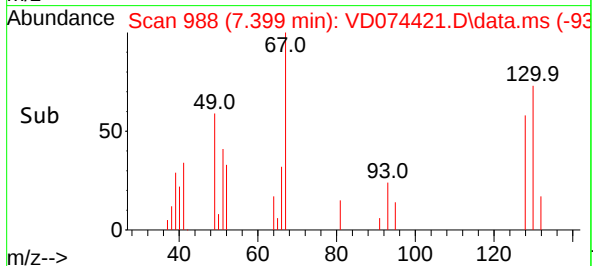
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622



Tgt Ion: 41 Resp: 9314
Ion Ratio Lower Upper
41 100
39 53.9 35.0 52.6
67 96.7 77.0 115.6
52 34.6 29.7 44.5

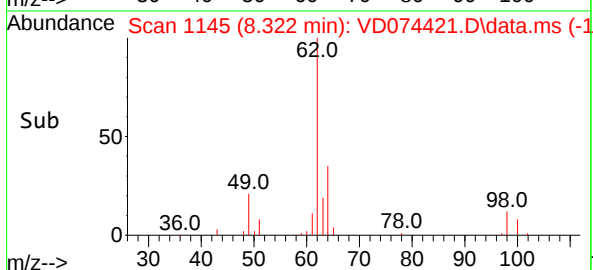
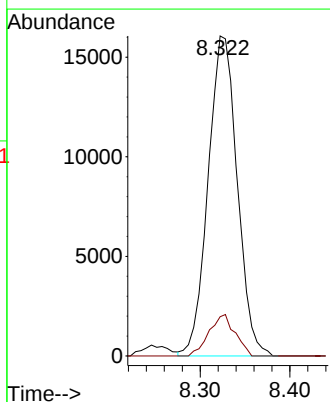
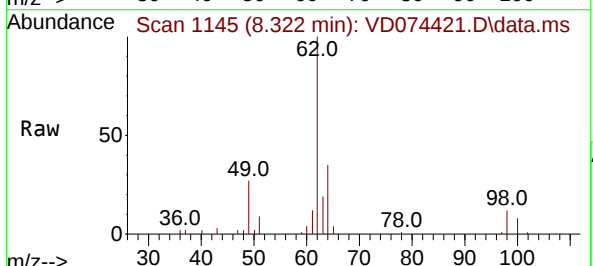
Manual Integrations
APPROVED

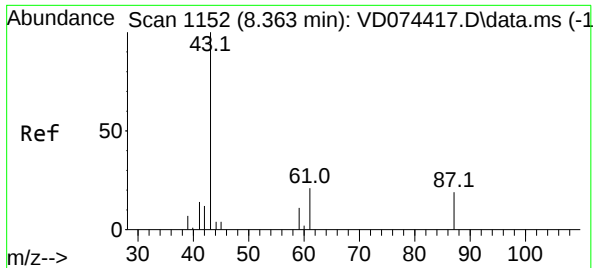
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#42
1,2-Dichloroethane
Concen: 49.732 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Tgt Ion: 62 Resp: 36212
Ion Ratio Lower Upper
62 100
98 11.5 0.0 24.2





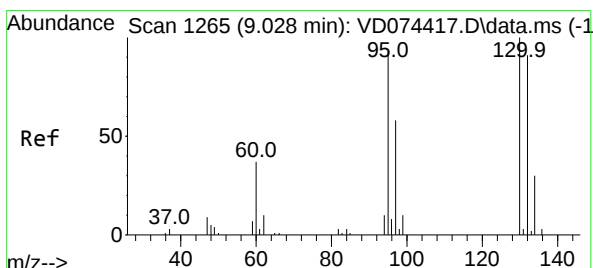
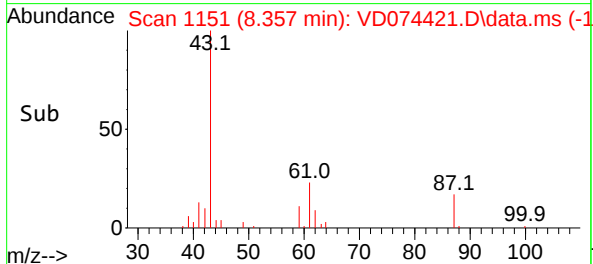
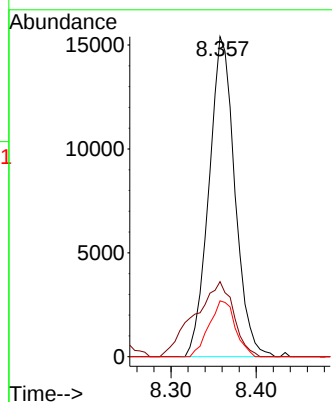
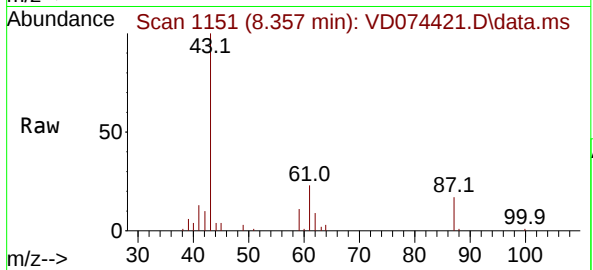
#43
Isopropyl Acetate
Concen: 51.722 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622

Tgt Ion: 43 Resp: 3257
Ion Ratio Lower Upper
43 100
61 35.2 30.9 46.3
87 17.6 14.3 21.5

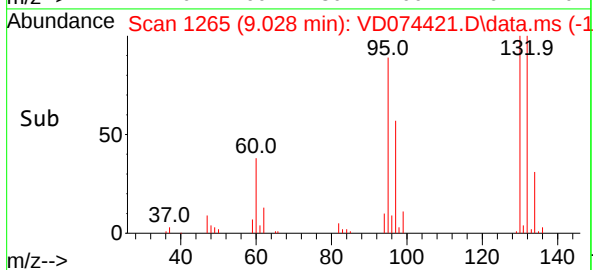
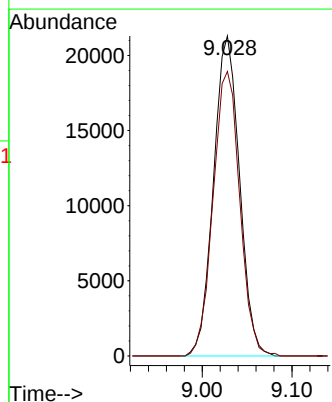
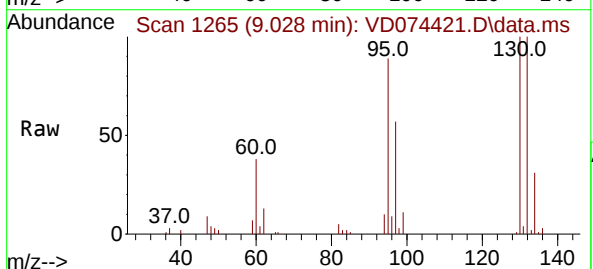
Manual Integrations
APPROVED

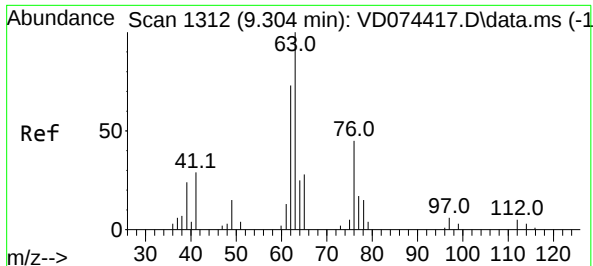
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#44
Trichloroethene
Concen: 48.248 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Tgt Ion:130 Resp: 42829
Ion Ratio Lower Upper
130 100
95 88.9 0.0 185.4





#45

1,2-Dichloropropane

Concen: 49.852 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD074421.D

Acq: 26 Sep 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092622

Tgt Ion: 63 Resp: 34310

Ion Ratio Lower Upper

63 100

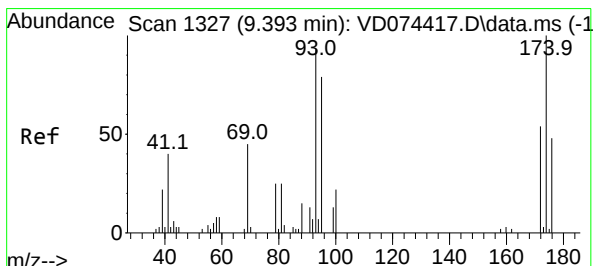
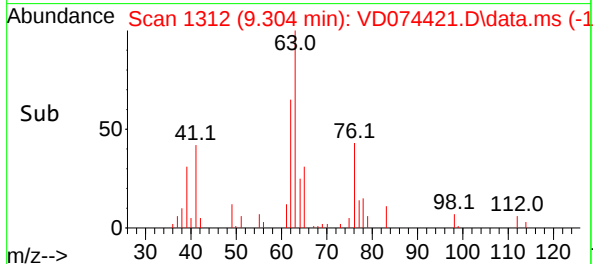
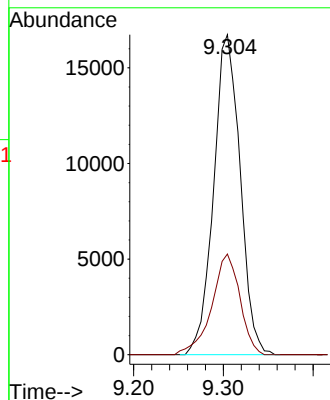
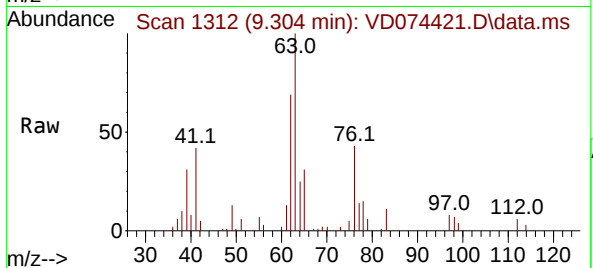
65 31.5 23.1 34.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#46

Dibromomethane

Concen: 50.402 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD074421.D

Acq: 26 Sep 2022 15:35

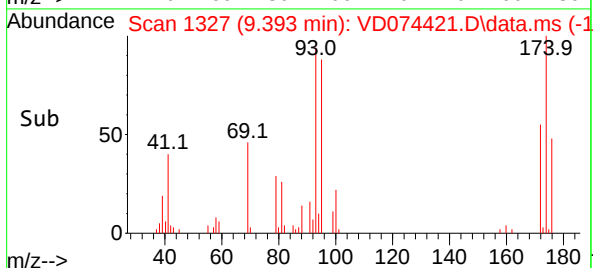
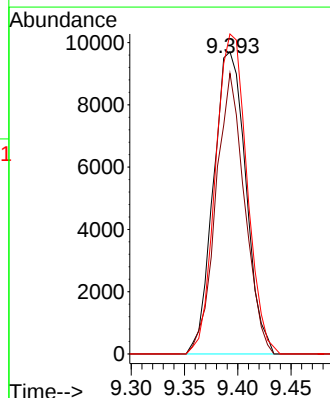
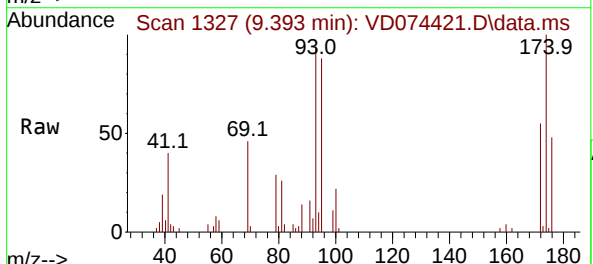
Tgt Ion: 93 Resp: 20493

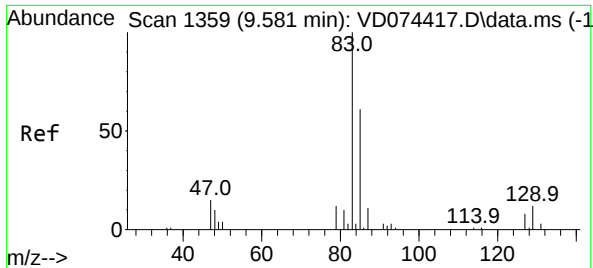
Ion Ratio Lower Upper

93 100

95 82.6 68.2 102.2

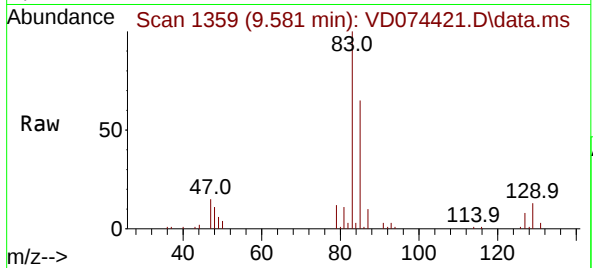
174 103.1 87.4 131.0





#47
Bromodichloromethane
Concen: 49.307 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

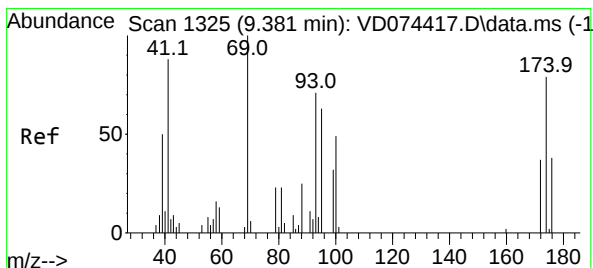
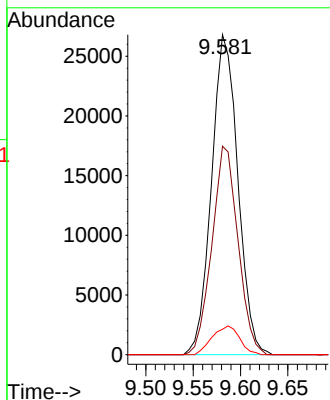
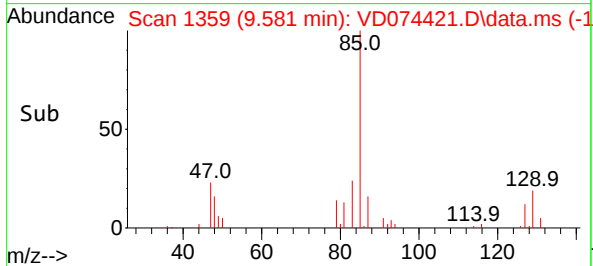
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622



Tgt Ion: 83 Resp: 5184
Ion Ratio Lower Upper
83 100
85 65.2 48.8 73.2
127 7.9 6.7 10.1

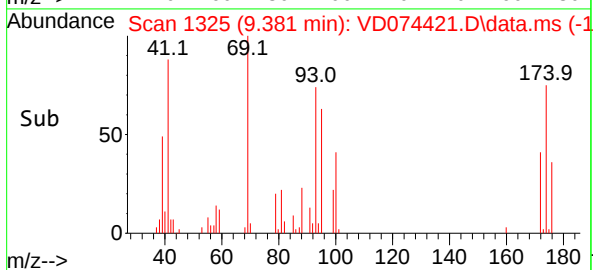
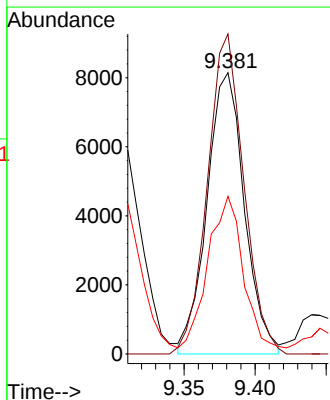
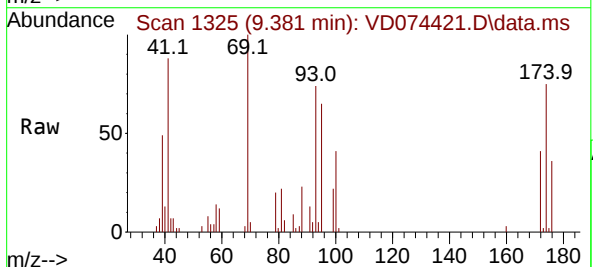
Manual Integrations
APPROVED

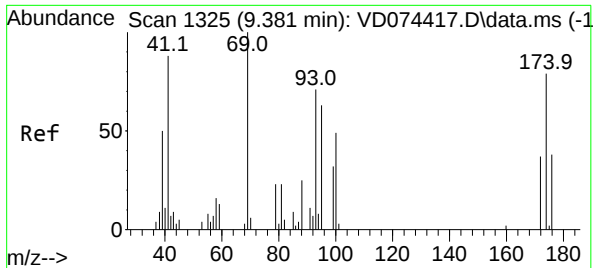
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#48
Methyl methacrylate
Concen: 53.047 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Tgt Ion: 41 Resp: 14923
Ion Ratio Lower Upper
41 100
69 110.4 93.0 139.4
39 54.9 44.6 66.8





#49

1,4-Dioxane

Concen: 930.586 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD074421.D

Acq: 26 Sep 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092622

Tgt Ion: 88 Resp: 425

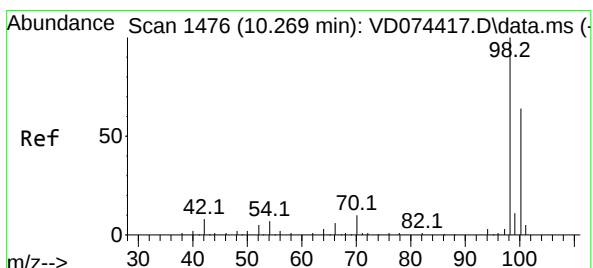
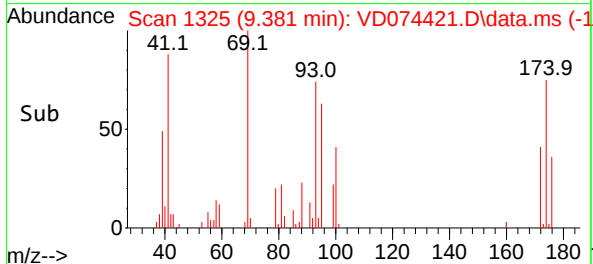
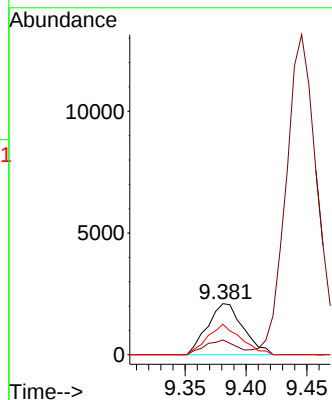
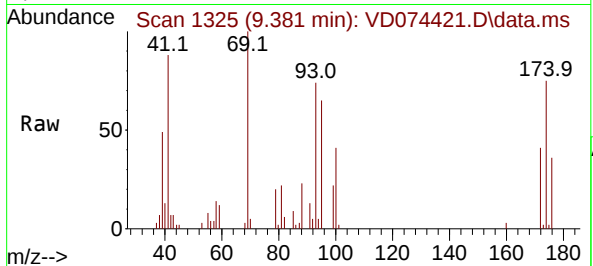
Ion	Ratio	Lower	Upper
88	100		
43	24.9	24.1	36.1
58	55.7	43.1	64.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#50

Toluene-d8

Concen: 50.386 ug/l

RT: 10.269 min Scan# 1476

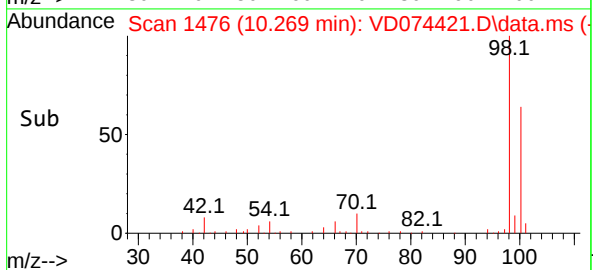
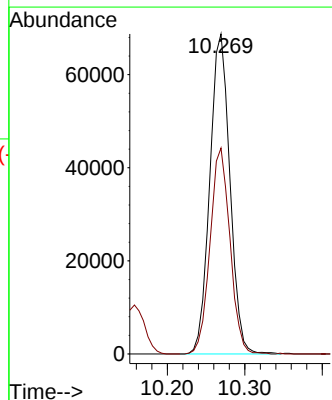
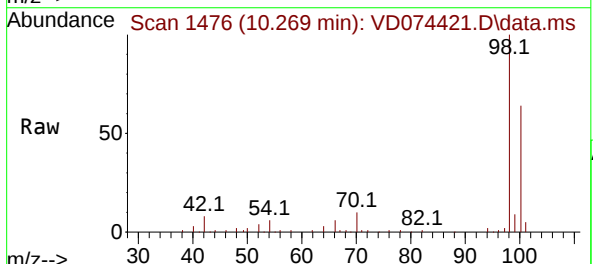
Delta R.T. 0.000 min

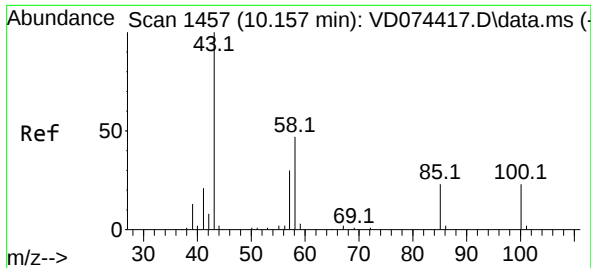
Lab File: VD074421.D

Acq: 26 Sep 2022 15:35

Tgt Ion: 98 Resp: 124050

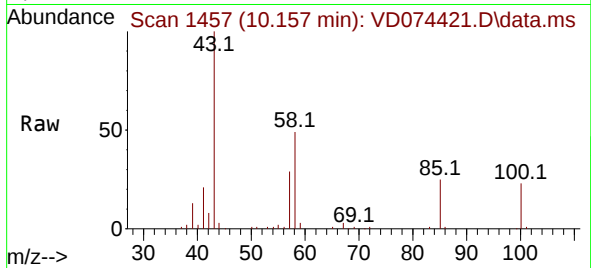
Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 255.569 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

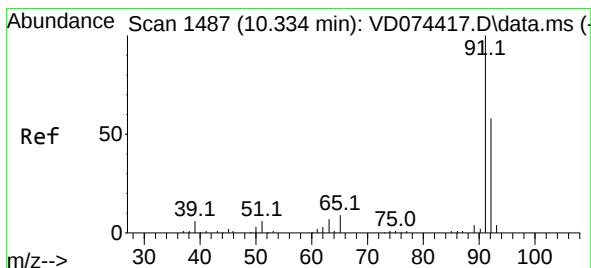
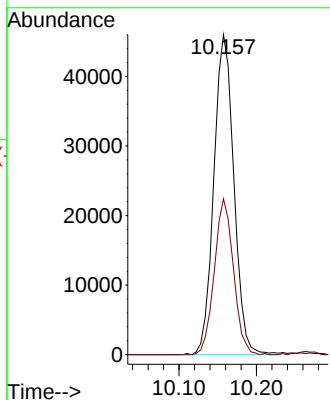
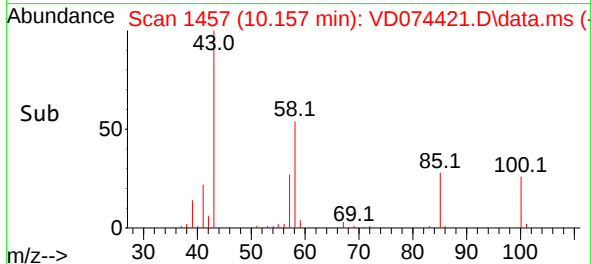
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622



Tgt Ion: 43 Resp: 82723
Ion Ratio Lower Upper
43 100
58 46.5 37.8 56.6

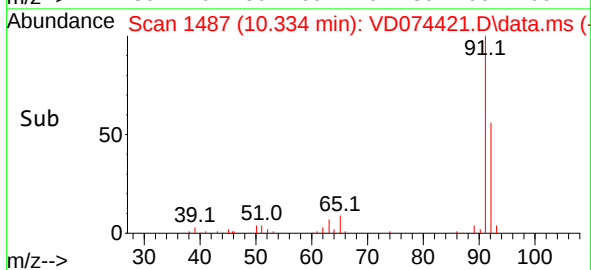
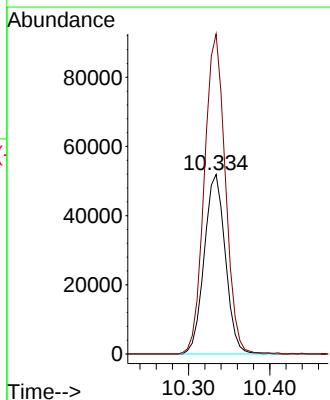
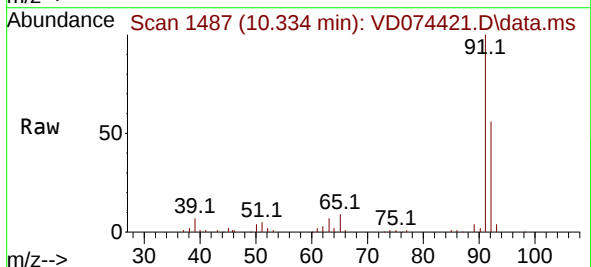
Manual Integrations
APPROVED

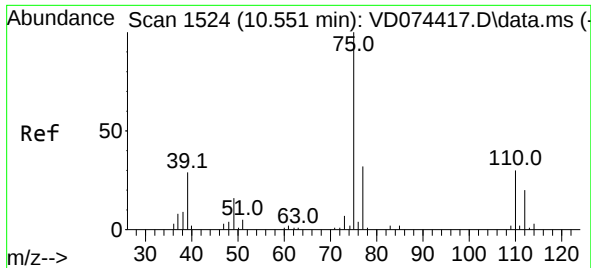
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#52
Toluene
Concen: 49.884 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

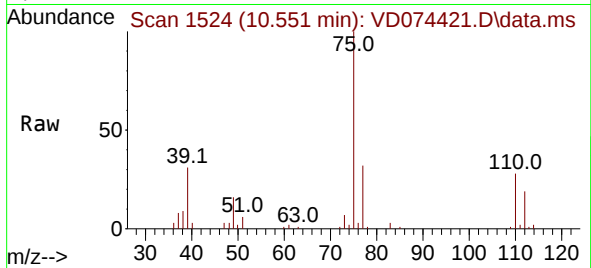
Tgt Ion: 92 Resp: 93574
Ion Ratio Lower Upper
92 100
91 177.7 139.0 208.4





#53
 t-1,3-Dichloropropene
 Concen: 52.121 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD074421.D
 Acq: 26 Sep 2022 15:35

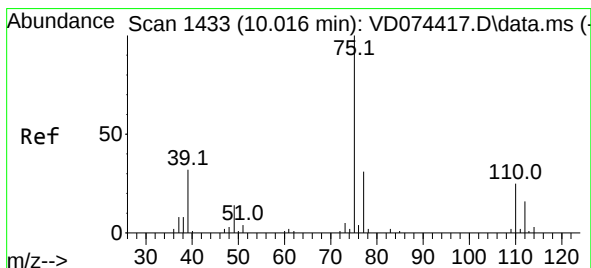
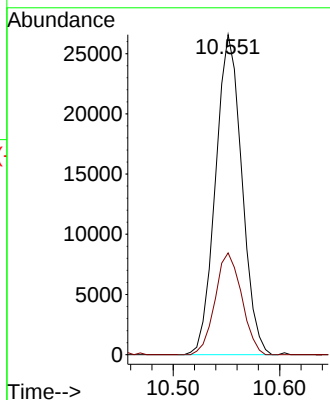
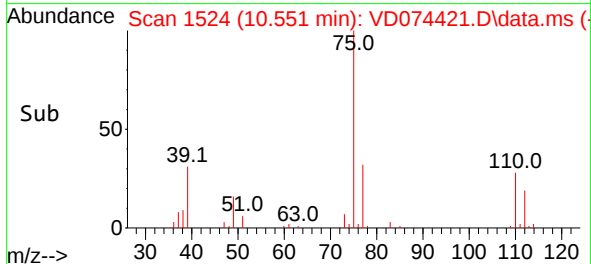
Instrument : MSVOA_D
 ClientSampleId : ICVVD092622



Tgt Ion: 75 Resp: 45552
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.6 38.4

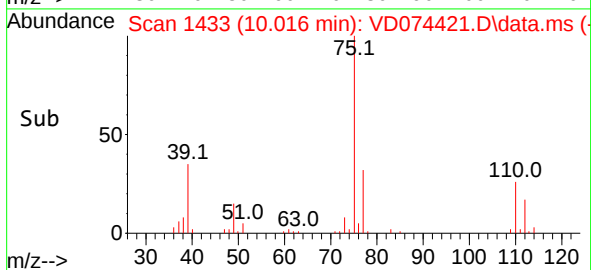
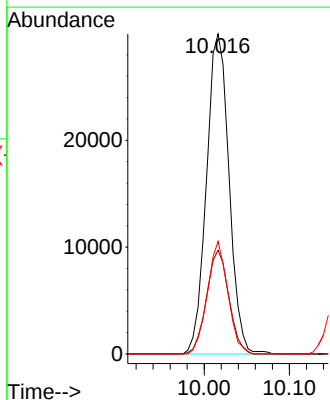
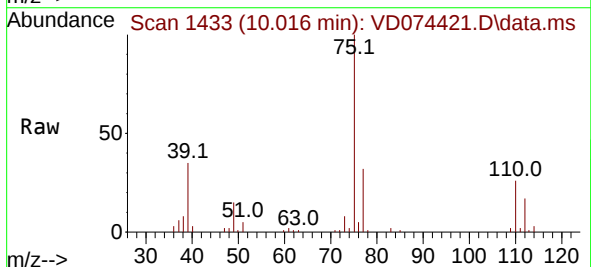
Manual Integrations
 APPROVED

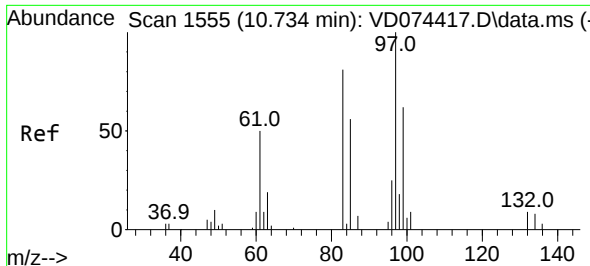
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022



#54
 cis-1,3-Dichloropropene
 Concen: 49.435 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD074421.D
 Acq: 26 Sep 2022 15:35

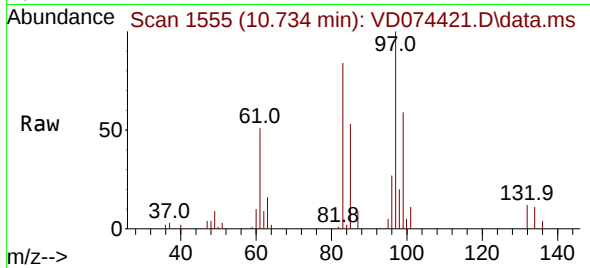
Tgt Ion: 75 Resp: 55140
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.7 37.1
 39 35.2 25.4 38.2





#55
1,1,2-Trichloroethane
Concen: 51.402 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

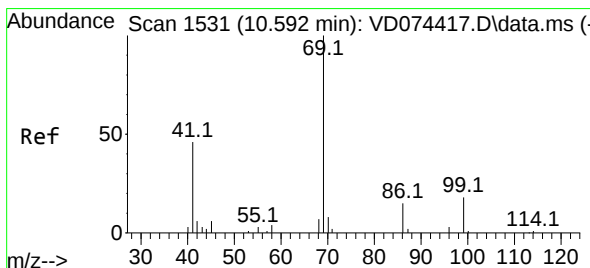
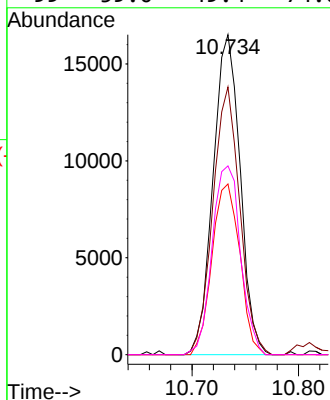
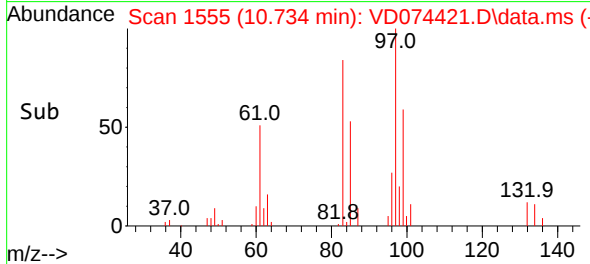
Instrument : MSVOA_D
ClientSampleId : ICVVD092622



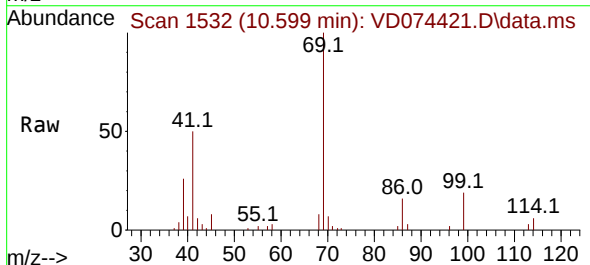
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.7	64.8	97.2
85	53.3	44.8	67.2
99	59.0	49.4	74.0

Manual Integrations
APPROVED

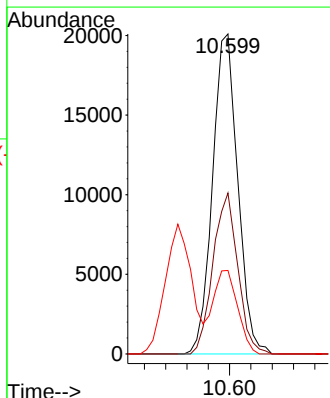
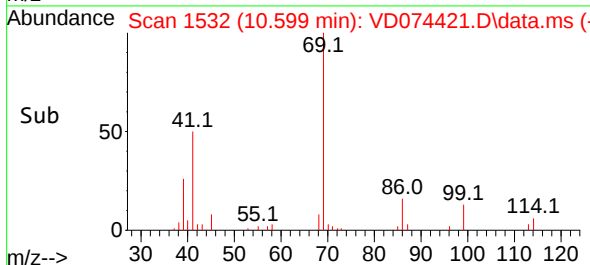
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

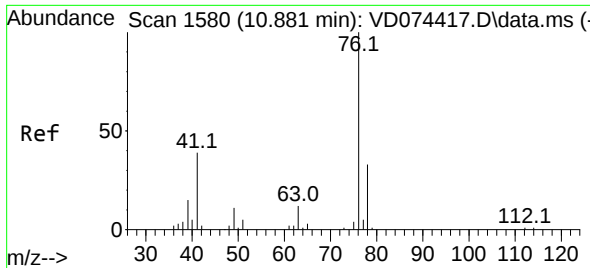


#56
Ethyl methacrylate
Concen: 52.007 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35



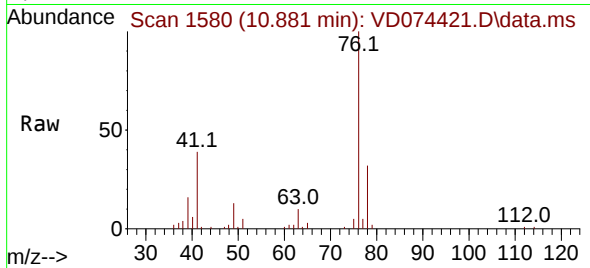
Tgt Ion	Ratio	Lower	Upper
69	100		
41	49.4	38.6	58.0
39	25.7	19.9	29.9





#57
1,3-Dichloropropane
Concen: 50.053 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

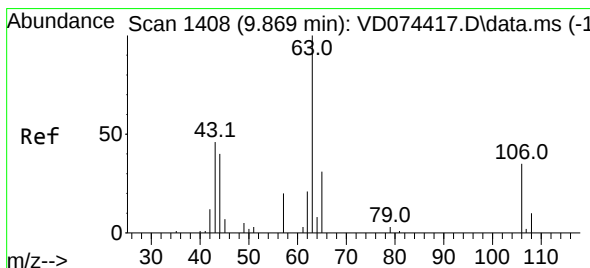
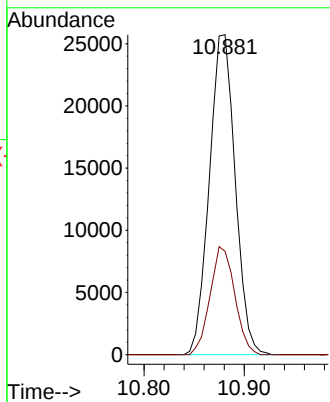
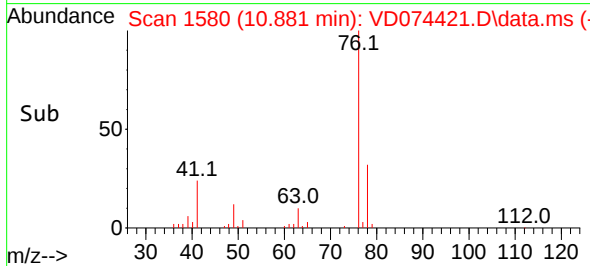
Instrument : MSVOA_D
ClientSampleId : ICVVD092622



Tgt Ion: 76 Resp: 4619
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

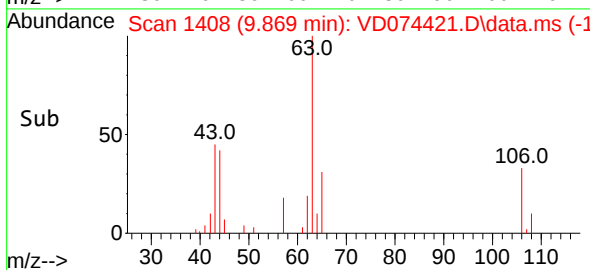
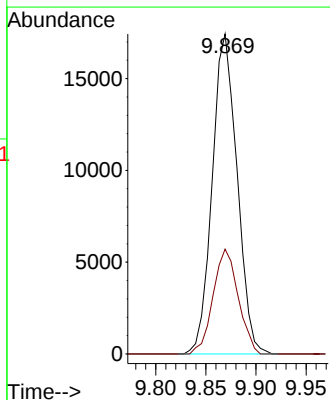
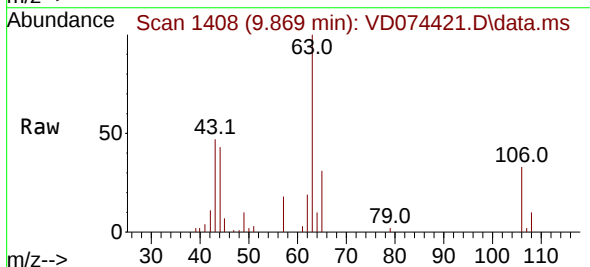
Manual Integrations
APPROVED

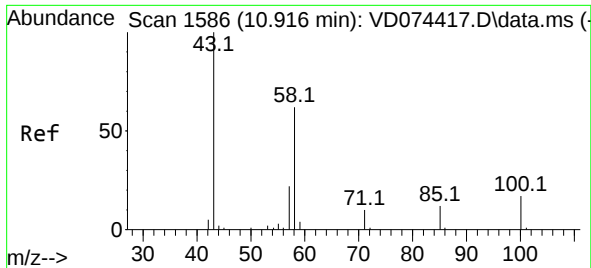
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#58
2-Chloroethyl Vinyl ether
Concen: 280.125 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

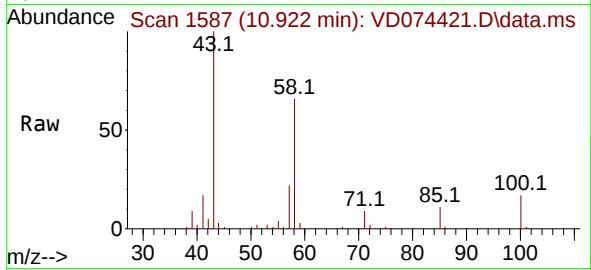
Tgt Ion: 63 Resp: 29985
Ion Ratio Lower Upper
63 100
106 33.1 26.5 39.7





#59
2-Hexanone
Concen: 257.821 ug/l
RT: 10.922 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

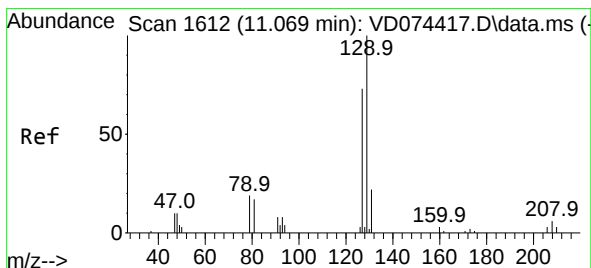
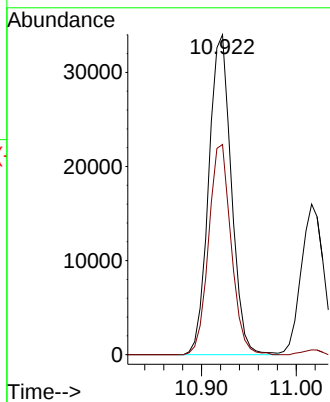
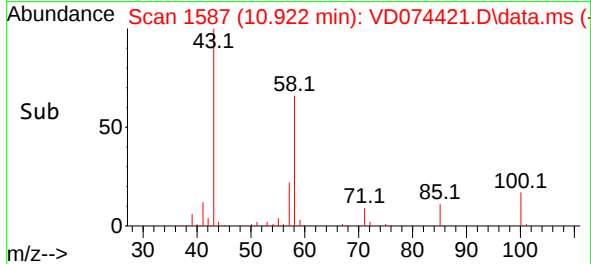
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622



Tgt Ion: 43 Resp: 56324
Ion Ratio Lower Upper
43 100
58 65.2 32.0 96.2

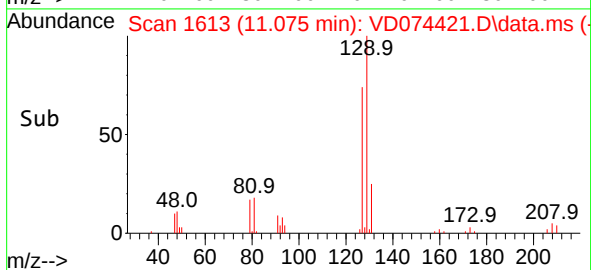
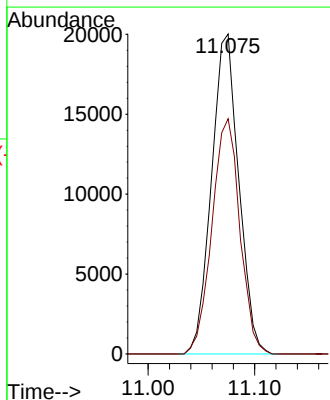
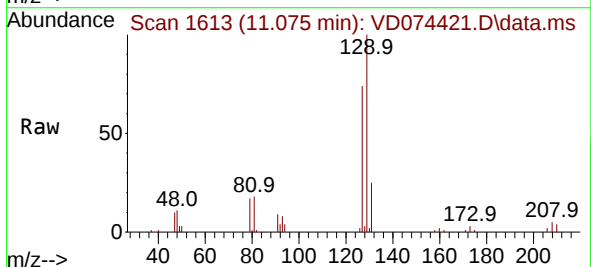
Manual Integrations
APPROVED

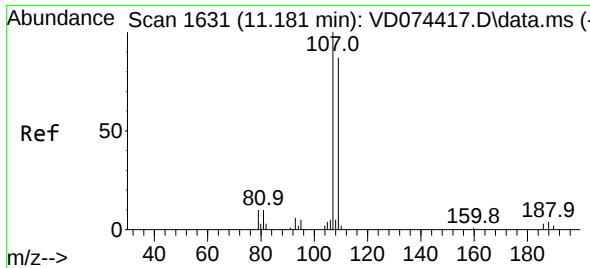
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#60
Dibromochloromethane
Concen: 50.193 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Tgt Ion:129 Resp: 35586
Ion Ratio Lower Upper
129 100
127 75.0 39.1 117.2





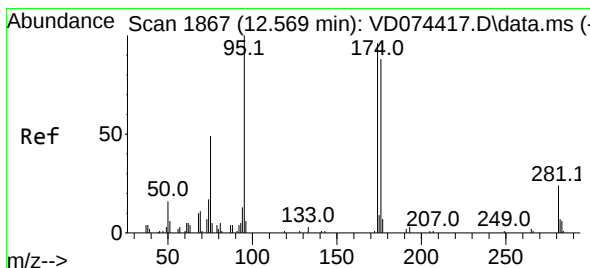
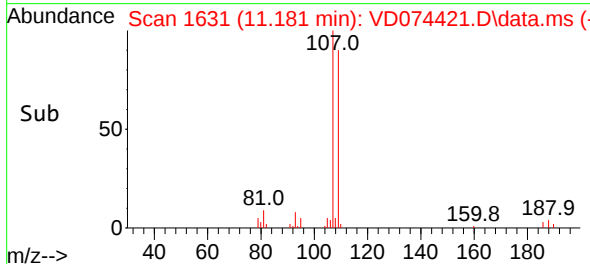
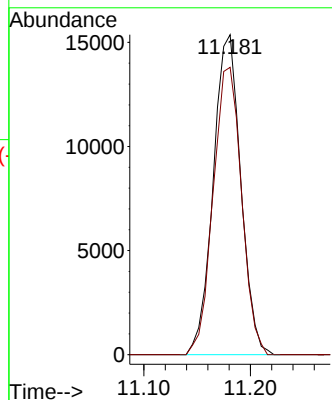
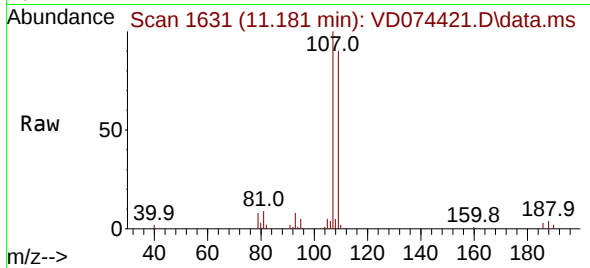
#61
1,2-Dibromoethane
Concen: 50.162 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622

Tgt Ion:107 Resp: 27604
Ion Ratio Lower Upper
107 100
109 92.4 74.6 111.8

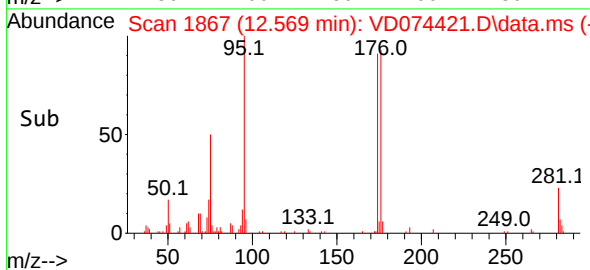
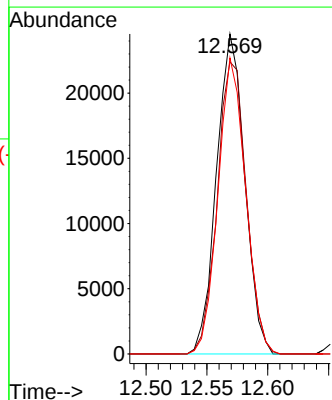
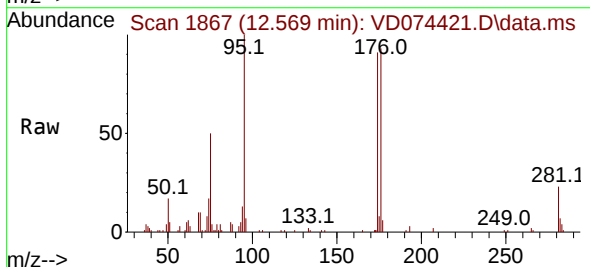
Manual Integrations
APPROVED

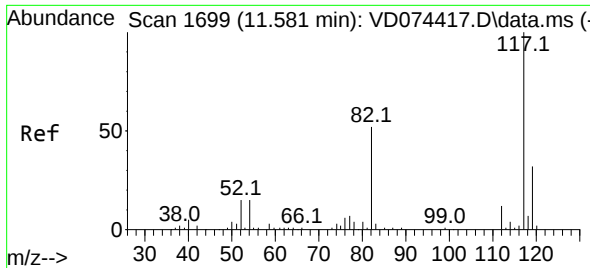
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#62
4-Bromofluorobenzene
Concen: 45.391 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

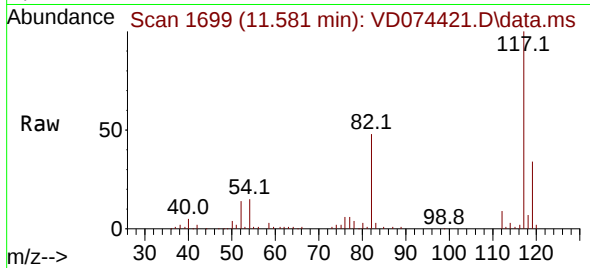
Tgt Ion: 95 Resp: 39489
Ion Ratio Lower Upper
95 100
174 94.3 0.0 197.0
176 90.8 0.0 182.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

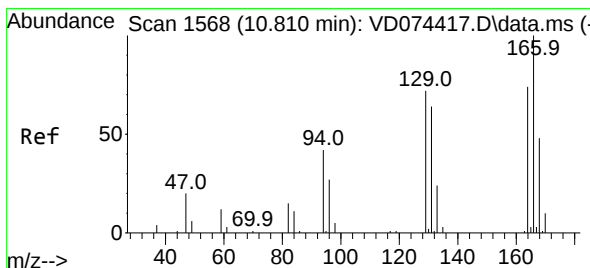
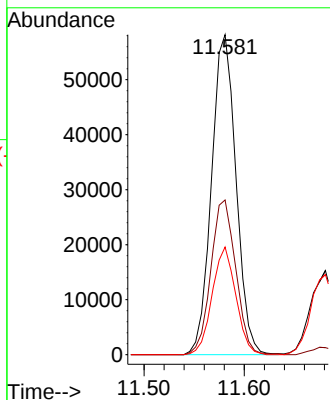
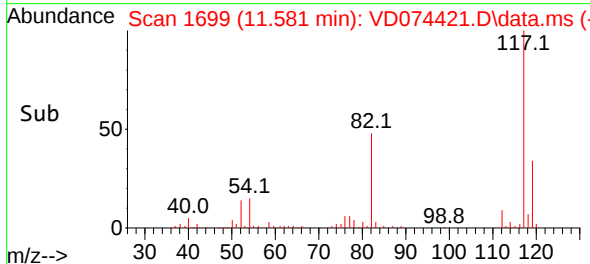
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622



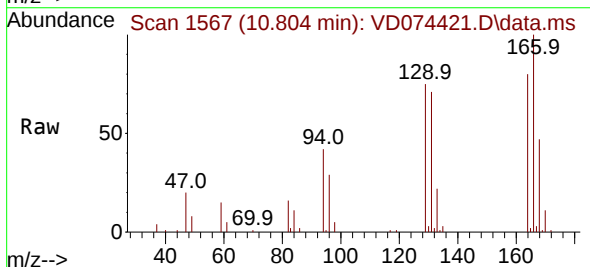
Tgt Ion:117 Resp: 98790
Ion Ratio Lower Upper
117 100
82 48.4 41.6 62.4
119 33.7 25.2 37.8

Manual Integrations
APPROVED

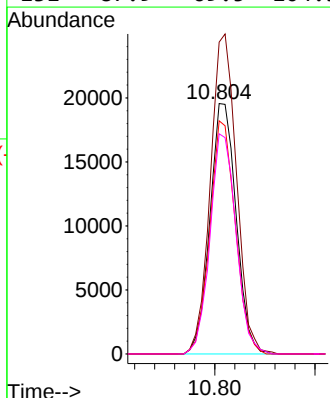
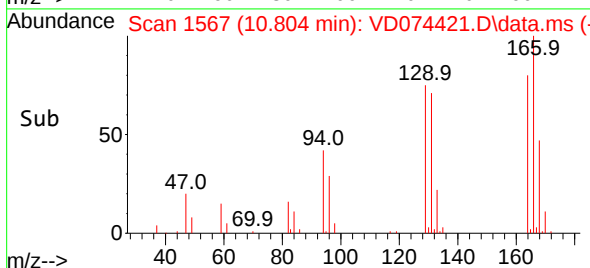
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

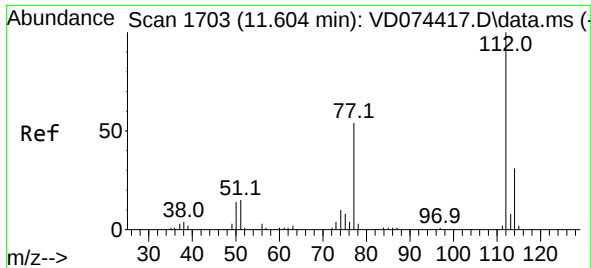


#64
Tetrachloroethene
Concen: 46.338 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35



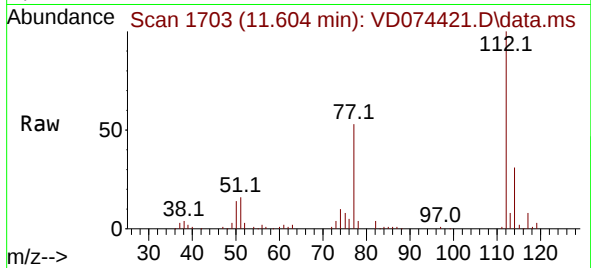
Tgt Ion:164 Resp: 35503
Ion Ratio Lower Upper
164 100
166 124.5 107.8 161.8
129 93.1 77.4 116.2
131 87.9 69.5 104.3





#65
Chlorobenzene
Concen: 48.654 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

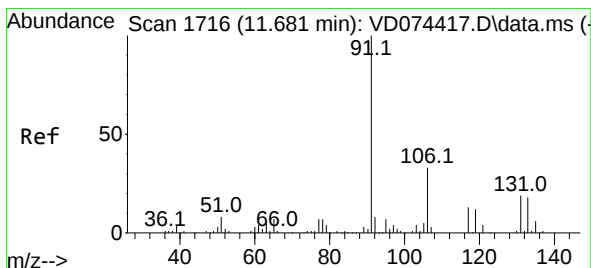
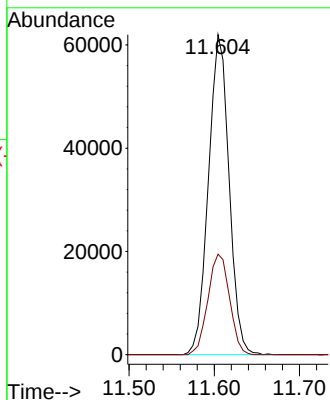
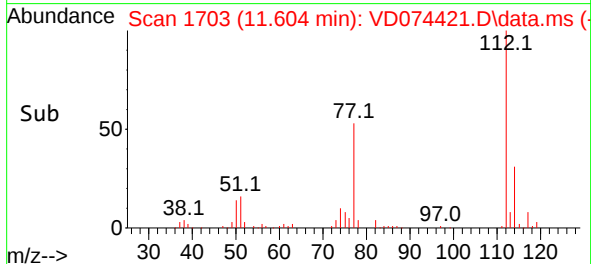
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622



Tgt Ion:112 Resp: 104104
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7

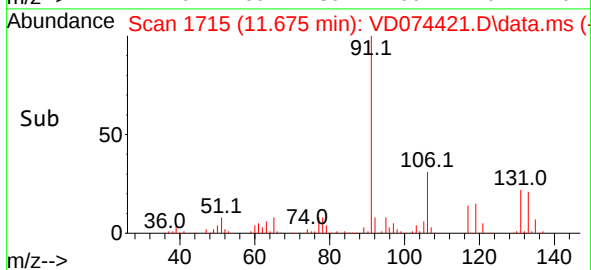
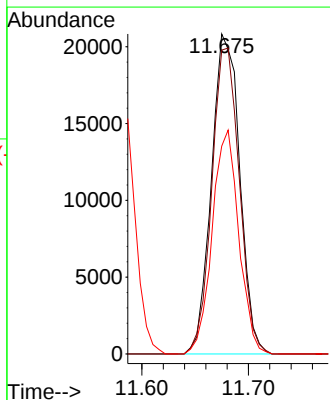
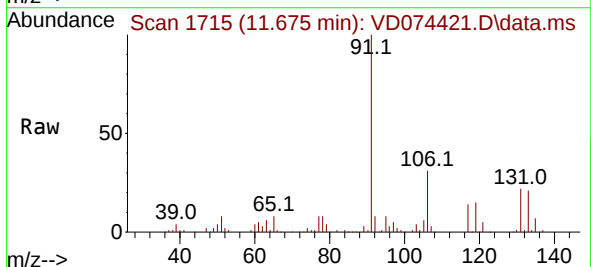
Manual Integrations
APPROVED

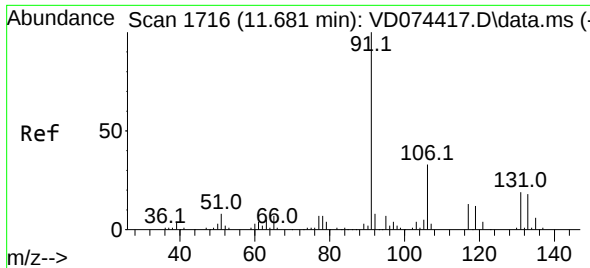
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 49.491 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Tgt Ion:131 Resp: 38333
Ion Ratio Lower Upper
131 100
133 93.3 46.6 139.8
119 65.9 32.5 97.4





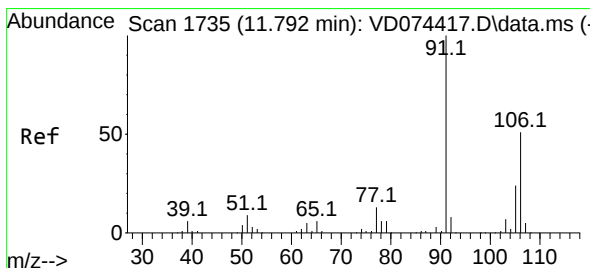
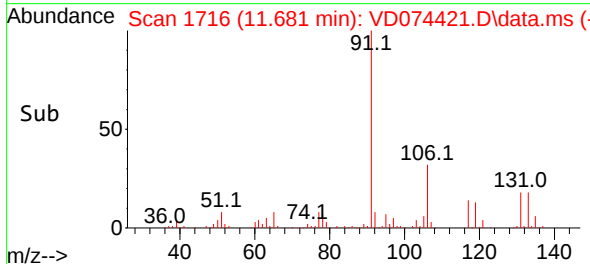
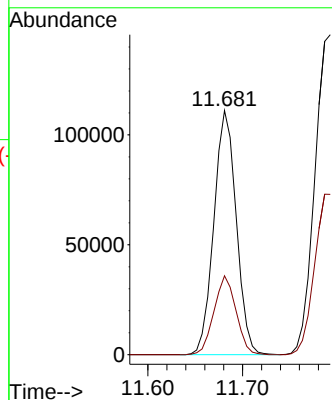
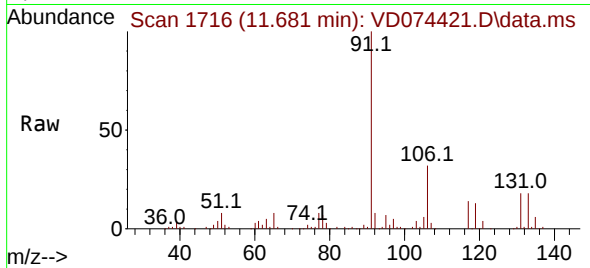
#67
Ethyl Benzene
Concen: 48.432 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622

Tgt Ion: 91 Resp: 18232
Ion Ratio Lower Upper
91 100
106 32.3 26.6 40.0

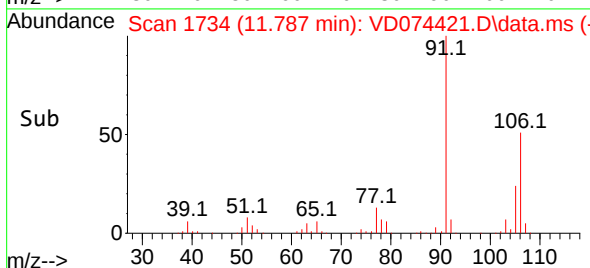
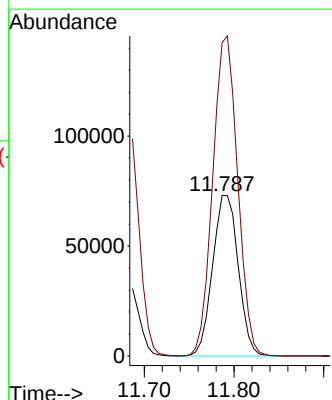
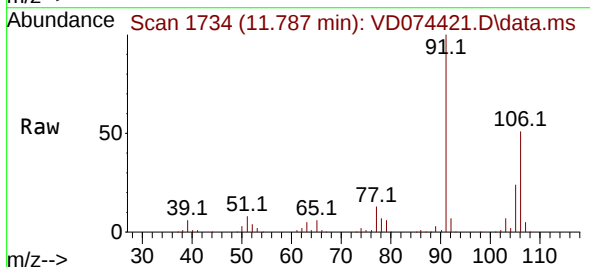
Manual Integrations
APPROVED

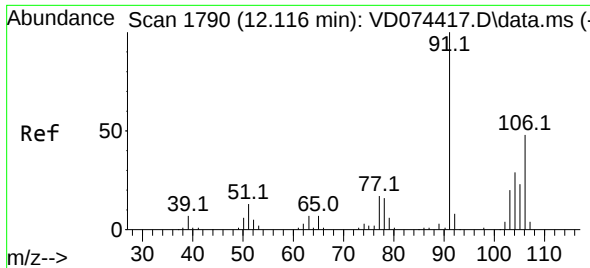
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#68
m/p-Xylenes
Concen: 98.086 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Tgt Ion:106 Resp: 144918
Ion Ratio Lower Upper
106 100
91 193.8 156.2 234.4





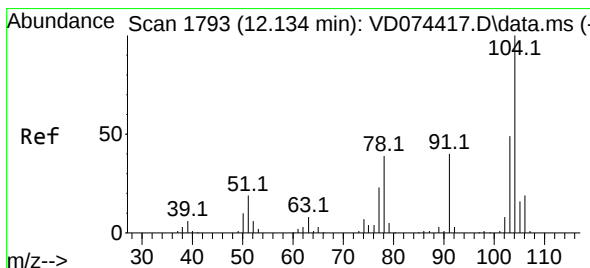
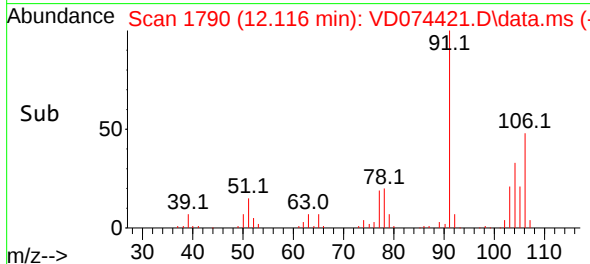
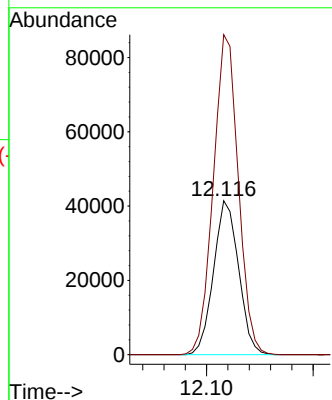
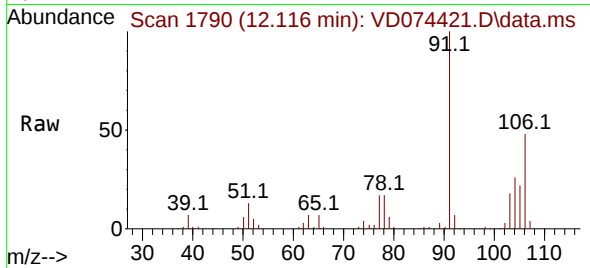
#69
o-Xylene
Concen: 49.384 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622

Tgt Ion:106 Resp: 6765
Ion Ratio Lower Upper
106 100
91 207.7 104.5 313.3

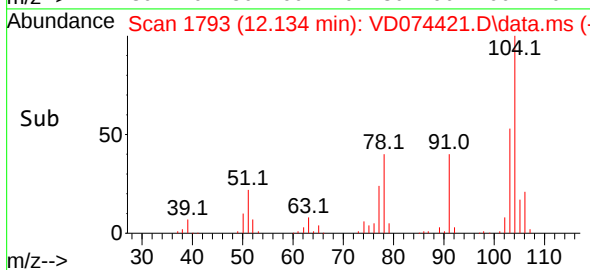
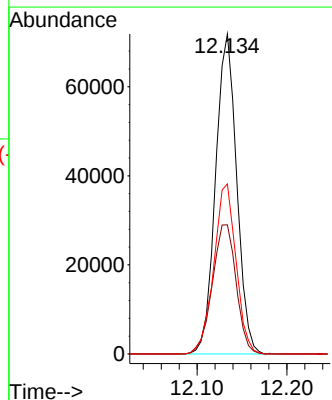
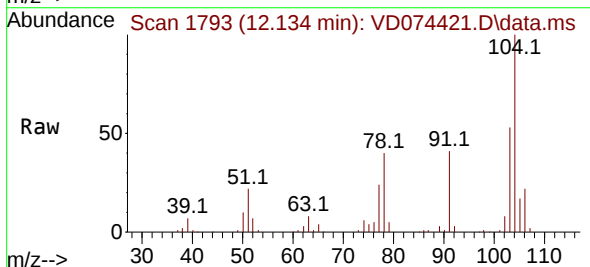
Manual Integrations
APPROVED

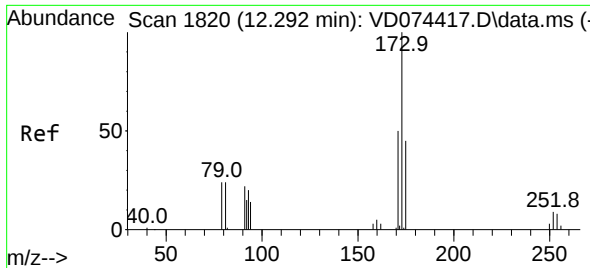
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#70
Styrene
Concen: 49.189 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

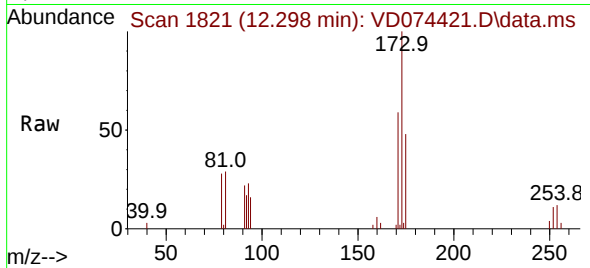
Tgt Ion:104 Resp: 117475
Ion Ratio Lower Upper
104 100
78 45.5 35.7 53.5
103 55.8 43.7 65.5





#71
Bromoform
Concen: 46.813 ug/l
RT: 12.298 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

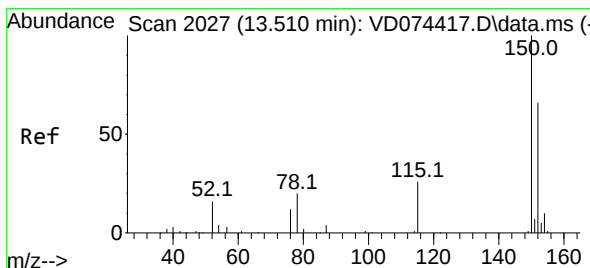
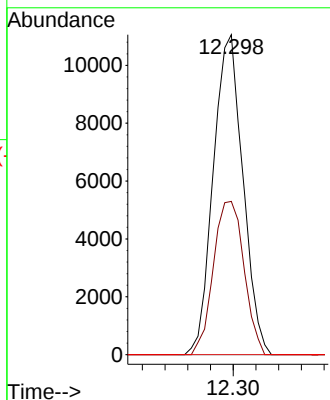
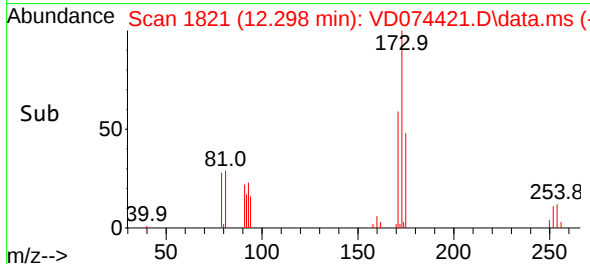
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622



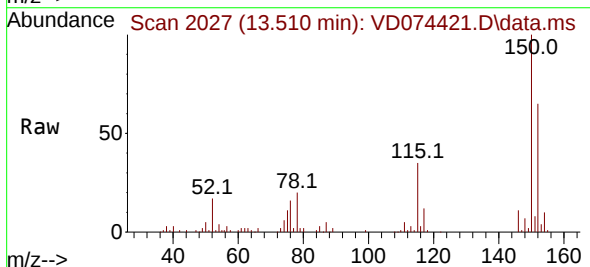
Tgt Ion:173 Resp: 19980
Ion Ratio Lower Upper
173 100
175 49.6 23.1 69.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

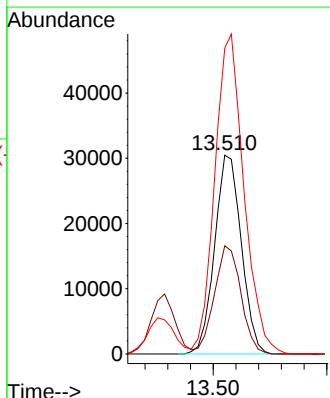
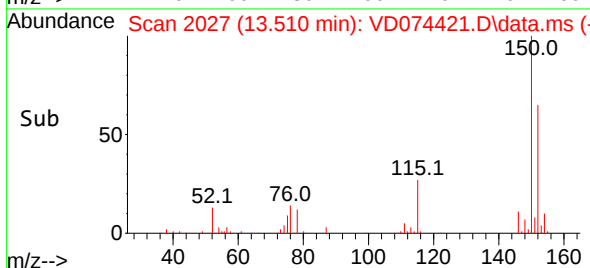
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

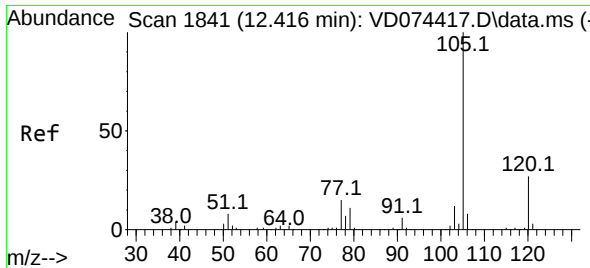


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35



Tgt Ion:152 Resp: 49709
Ion Ratio Lower Upper
152 100
115 54.2 26.8 80.4
150 175.4 0.0 348.2





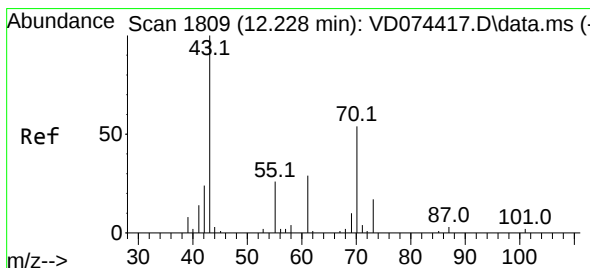
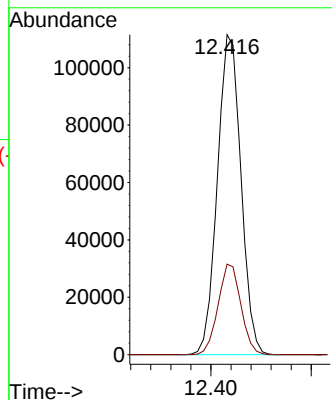
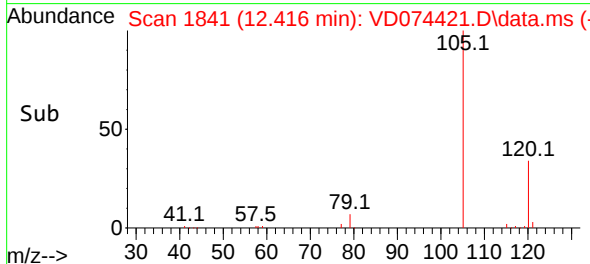
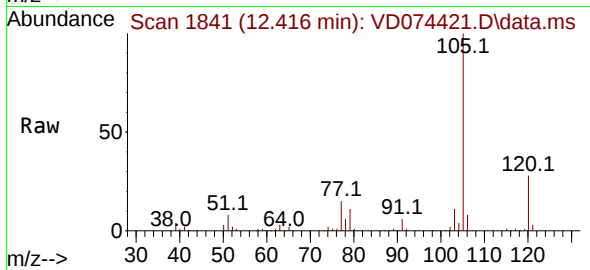
#73
Isopropylbenzene
Concen: 49.258 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622

Tgt Ion:105 Resp: 18177
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4

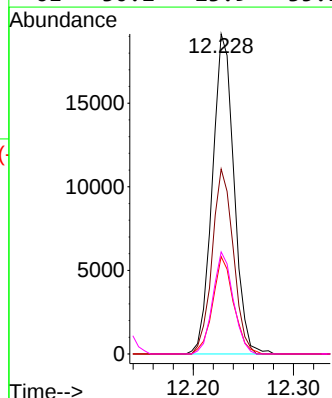
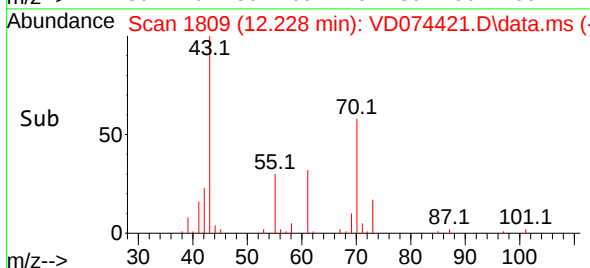
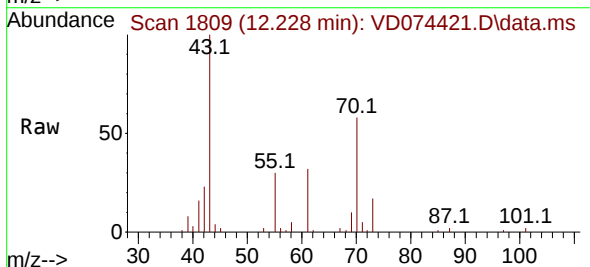
Manual Integrations
APPROVED

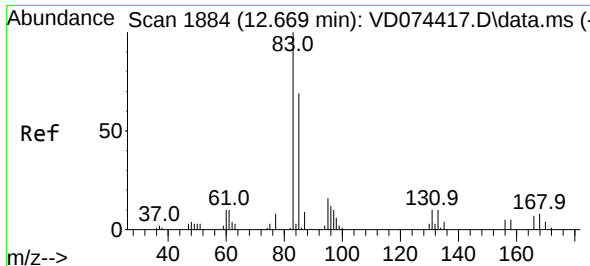
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#74
N-ethyl acetate
Concen: 49.271 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Tgt Ion: 43 Resp: 28661
Ion Ratio Lower Upper
43 100
70 56.6 43.8 65.6
55 29.4 22.0 33.0
61 30.2 23.9 35.9





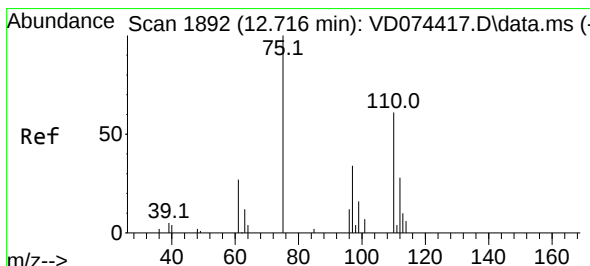
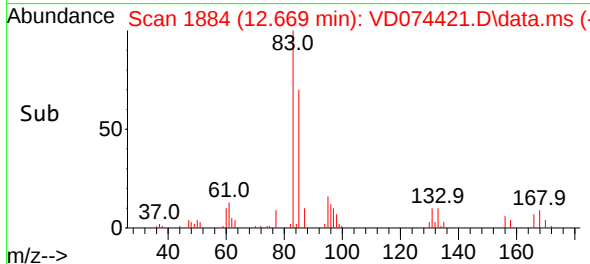
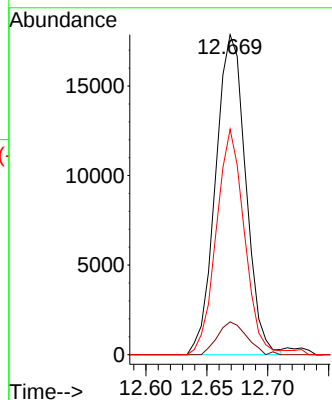
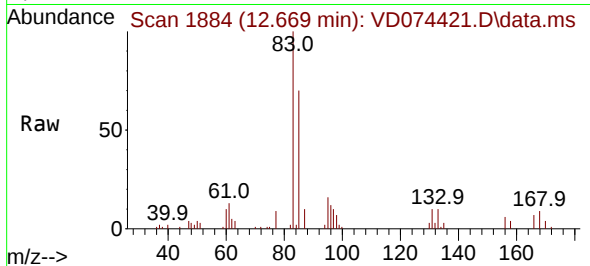
#75
1,1,2,2-Tetrachloroethane
Concen: 47.652 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Instrument : MSVOA_D
ClientSampleId : ICVVD092622

Tgt Ion: 83 Resp: 3068
Ion Ratio Lower Upper
83 100
131 9.9 4.7 14.1
85 66.5 33.1 99.2

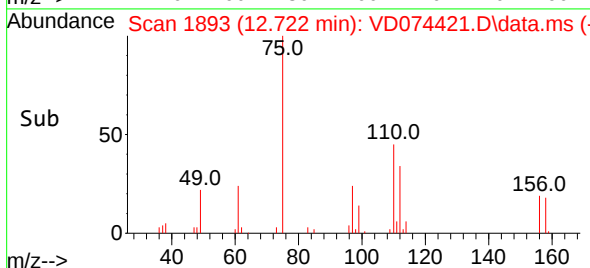
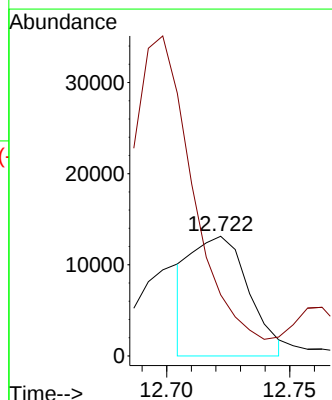
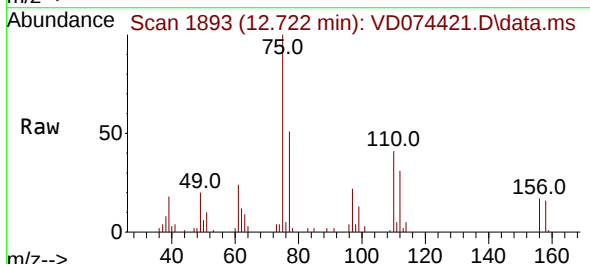
Manual Integrations
APPROVED

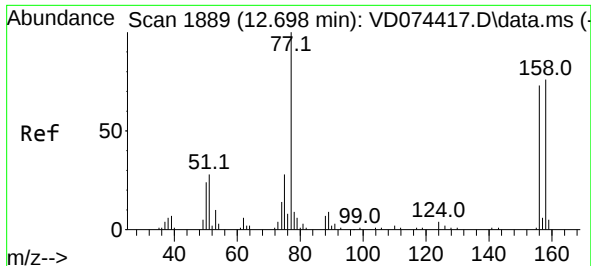
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#76
1,2,3-Trichloropropane
Concen: 55.018 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

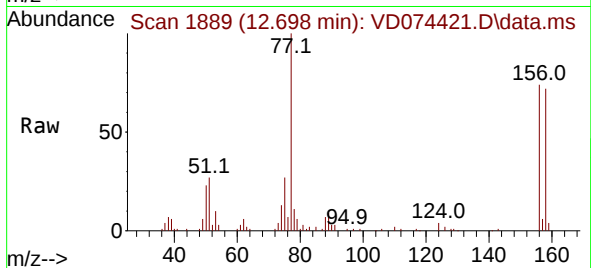
Tgt Ion: 75 Resp: 21391
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#





#77
Bromobenzene
Concen: 49.973 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

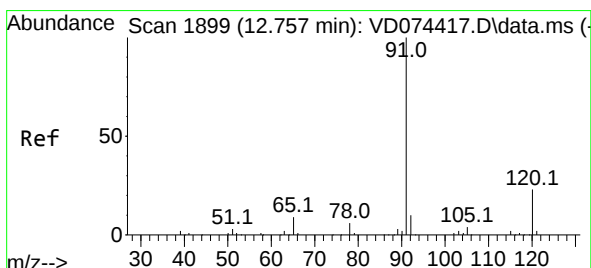
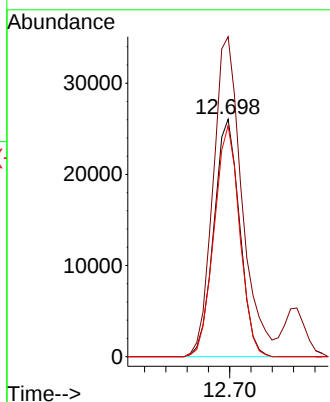
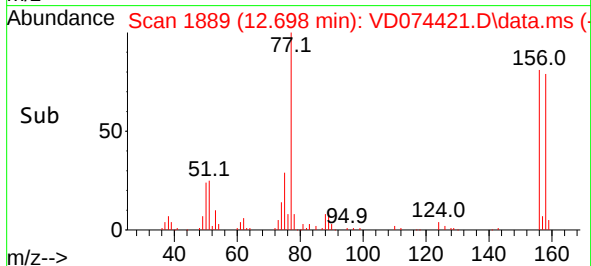
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622



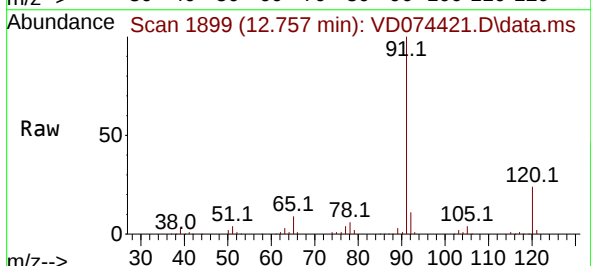
Tgt Ion:156 Resp: 4368
Ion Ratio Lower Upper
156 100
77 150.1 77.7 233.1
158 96.3 49.4 148.2

Manual Integrations
APPROVED

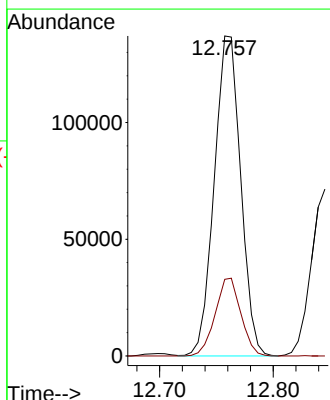
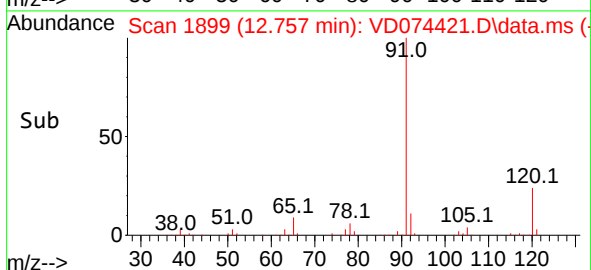
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

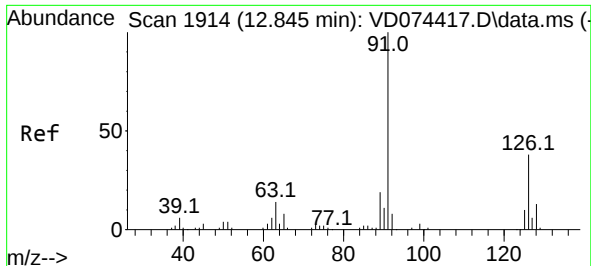


#78
n-propylbenzene
Concen: 49.955 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35



Tgt Ion: 91 Resp: 221784
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.7





#79

2-Chlorotoluene

Concen: 49.716 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD074421.D

Acq: 26 Sep 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092622

Tgt Ion: 91 Resp: 119120

Ion Ratio Lower Upper

91 100

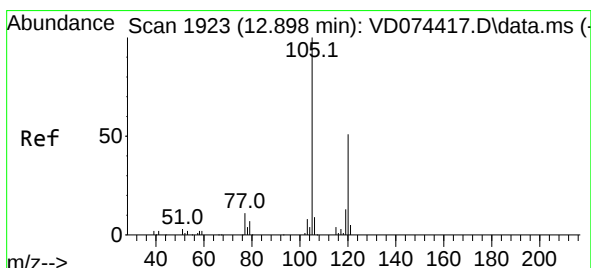
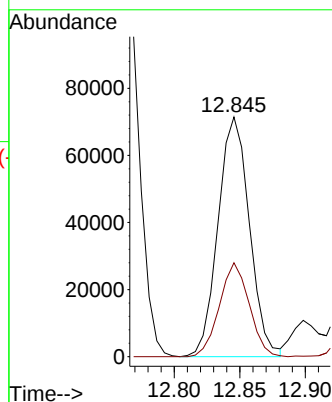
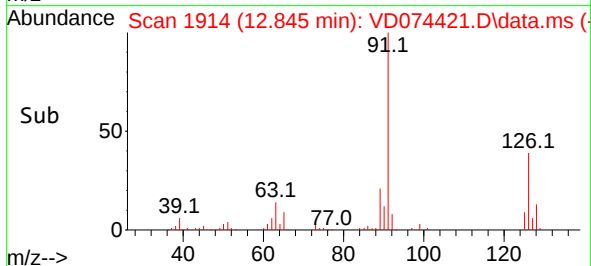
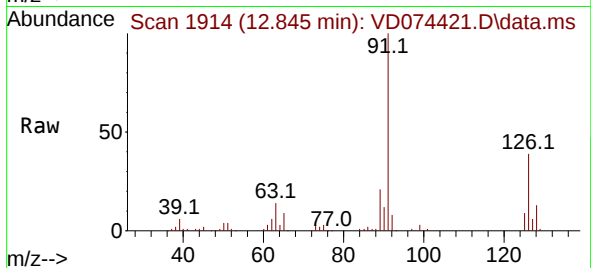
126 37.0 18.3 54.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#80

1,3,5-Trimethylbenzene

Concen: 50.435 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VD074421.D

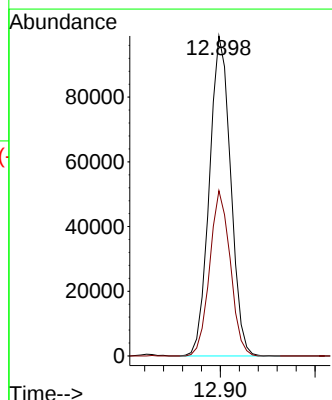
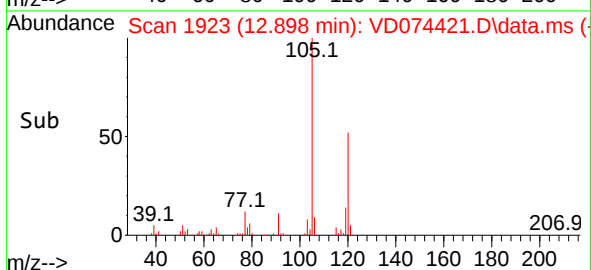
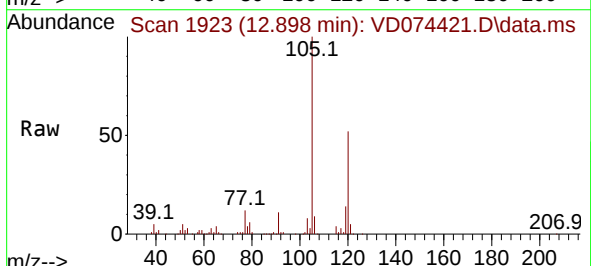
Acq: 26 Sep 2022 15:35

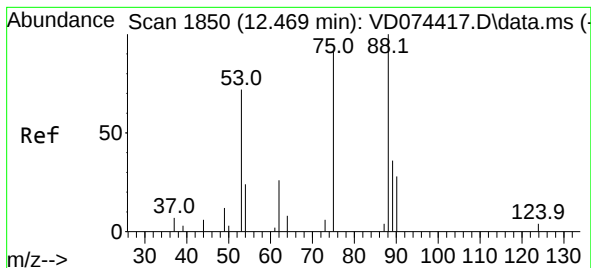
Tgt Ion:105 Resp: 153977

Ion Ratio Lower Upper

105 100

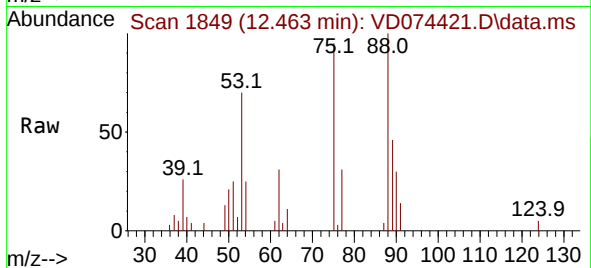
120 49.9 25.7 77.0





#81
trans-1,4-Dichloro-2-butene
Concen: 54.855 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

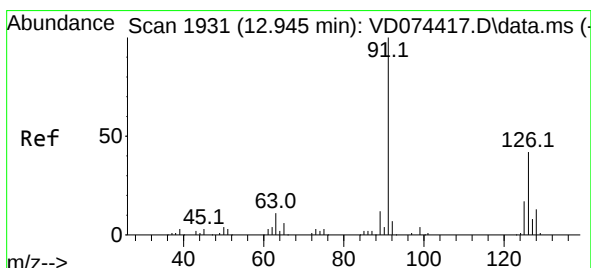
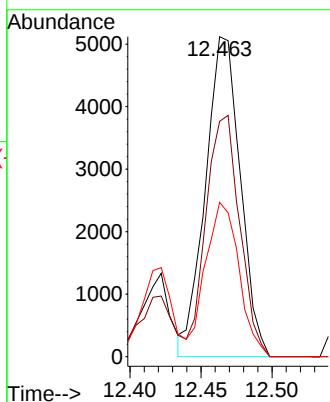
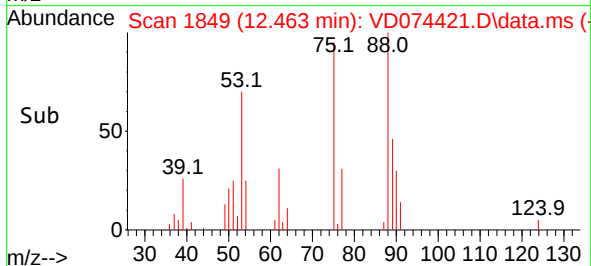
Instrument : MSVOA_D
ClientSampleId : ICVVD092622



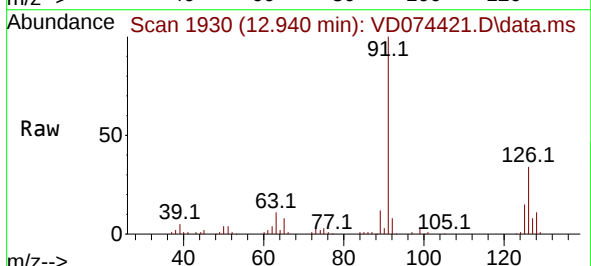
Tgt Ion: 75 Resp: 8740
Ion Ratio Lower Upper
75 100
53 72.6 63.8 95.6
89 46.4 38.2 57.4

Manual Integrations
APPROVED

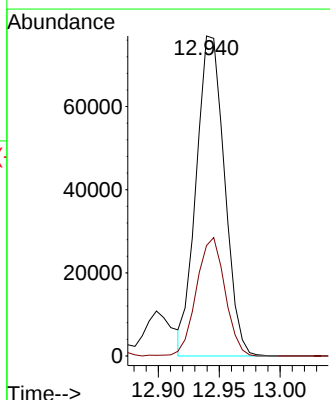
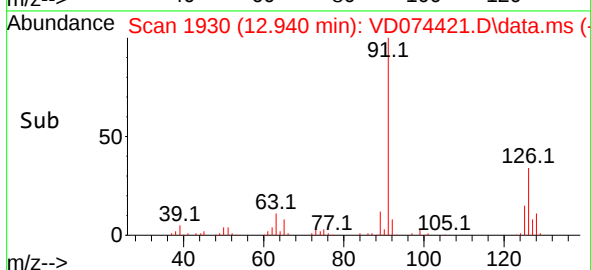
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

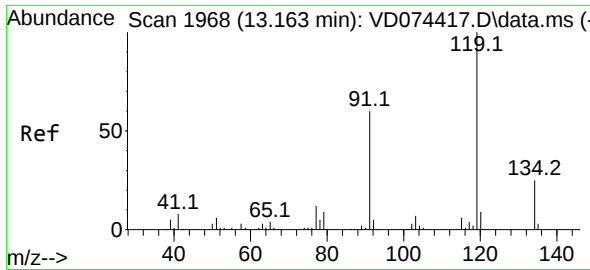


#82
4-Chlorotoluene
Concen: 50.708 ug/l
RT: 12.940 min Scan# 1930
Delta R.T. -0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35



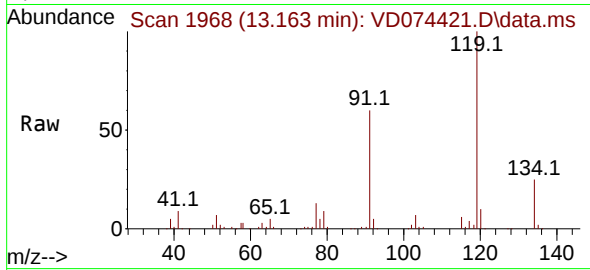
Tgt Ion: 91 Resp: 124564
Ion Ratio Lower Upper
91 100
126 37.3 18.8 56.4





#83
tert-Butylbenzene
Concen: 49.409 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

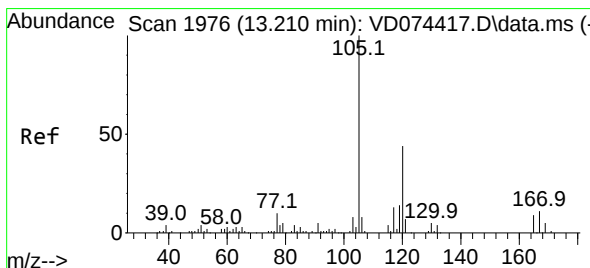
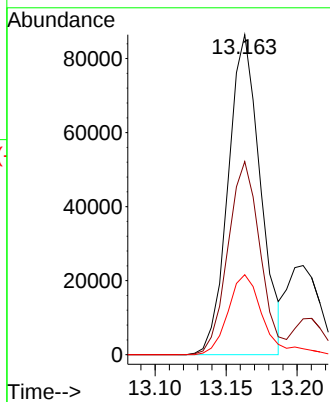
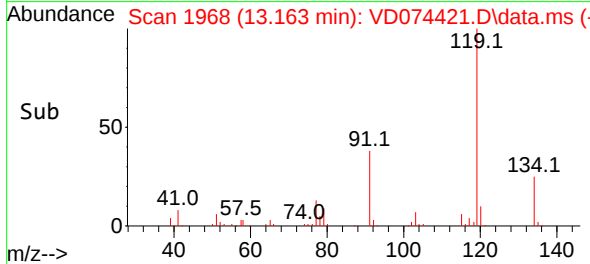
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622



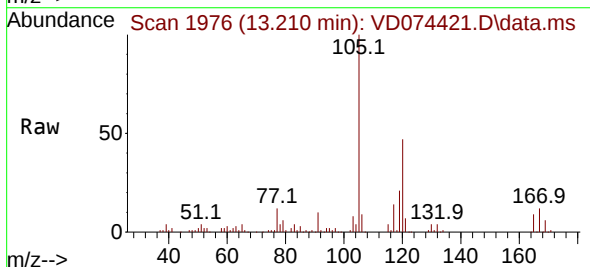
Tgt Ion:119 Resp: 136519
Ion Ratio Lower Upper
119 100
91 60.9 30.0 90.0
134 27.2 13.4 40.1

Manual Integrations
APPROVED

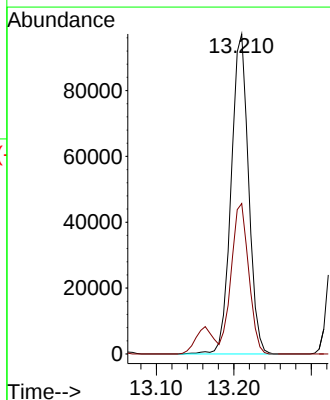
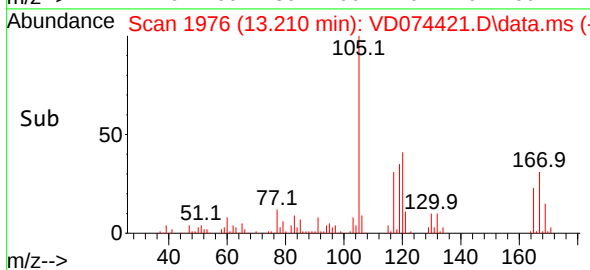
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

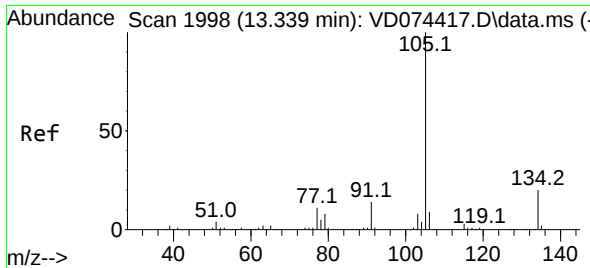


#84
1,2,4-Trimethylbenzene
Concen: 49.831 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35



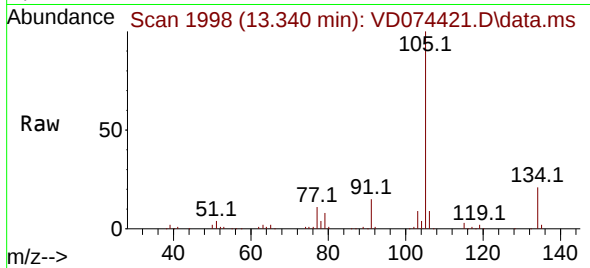
Tgt Ion:105 Resp: 151460
Ion Ratio Lower Upper
105 100
120 47.3 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 49.739 ug/l
 RT: 13.340 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VD074421.D
 Acq: 26 Sep 2022 15:35

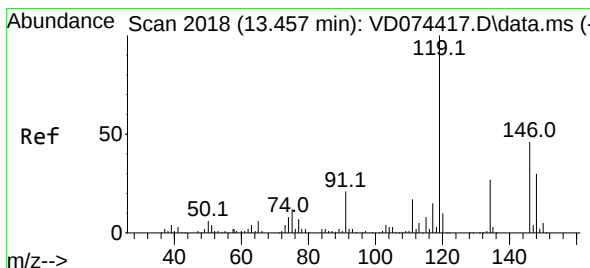
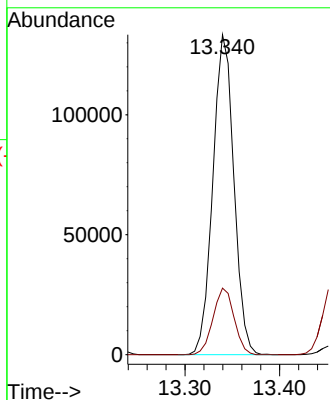
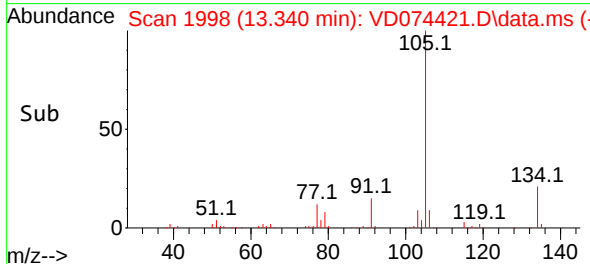
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092622



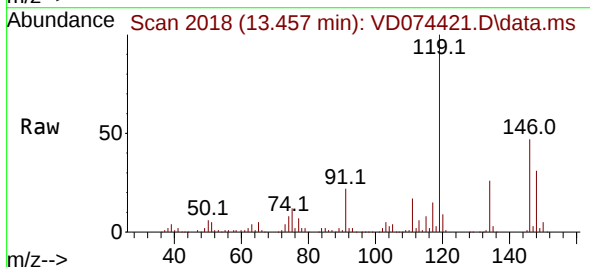
Tgt Ion:105 Resp: 205680
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.0 30.0

Manual Integrations
 APPROVED

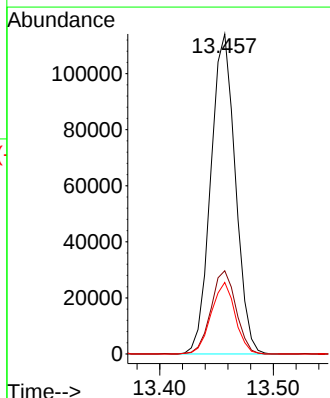
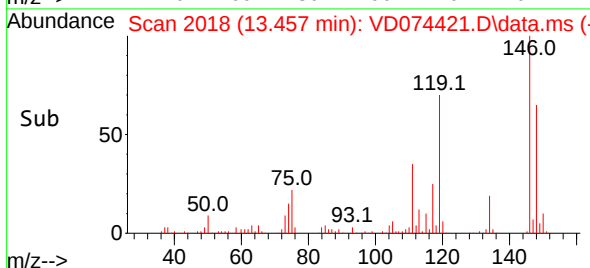
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022

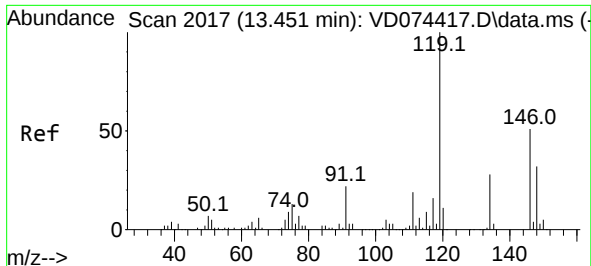


#86
 p-Isopropyltoluene
 Concen: 49.667 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD074421.D
 Acq: 26 Sep 2022 15:35



Tgt Ion:119 Resp: 171660
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.4
 91 21.8 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 50.151 ug/l

RT: 13.451 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VD074421.D

Acq: 26 Sep 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092622

Tgt Ion:146 Resp: 89989

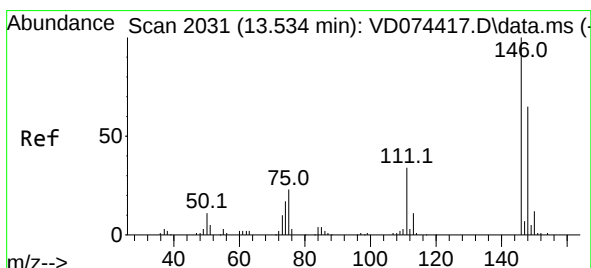
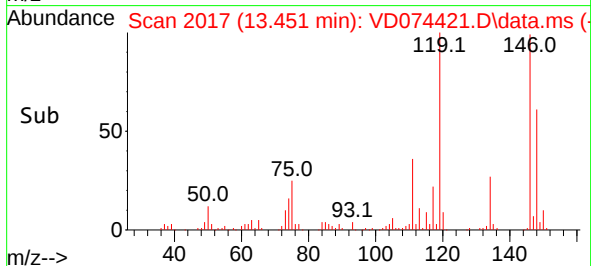
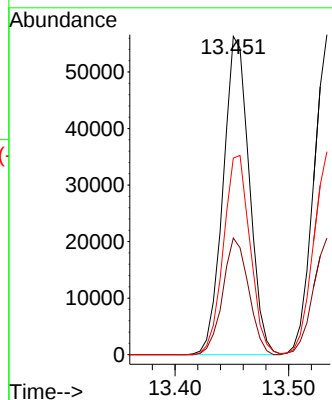
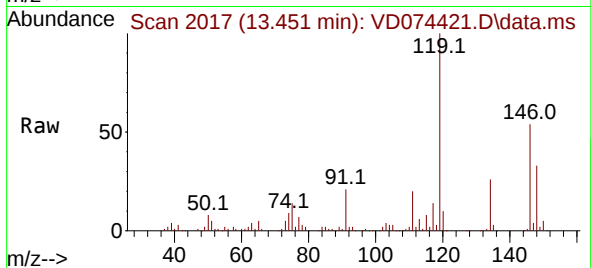
Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.3	54.8
148	63.9	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#88

1,4-Dichlorobenzene

Concen: 49.565 ug/l

RT: 13.534 min Scan# 2031

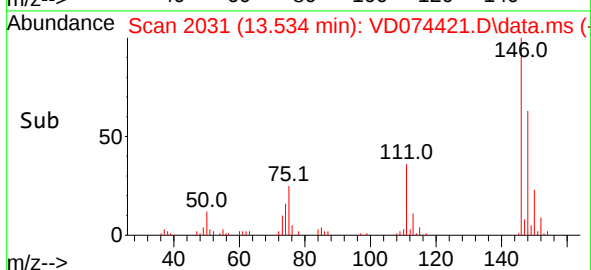
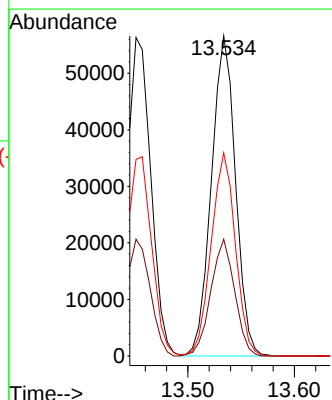
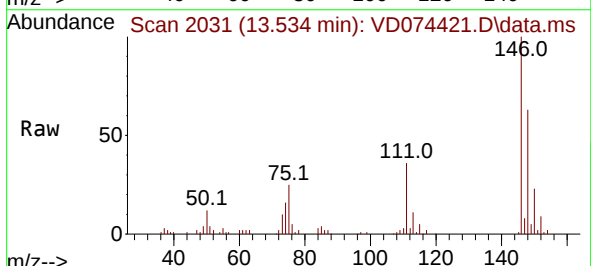
Delta R.T. 0.000 min

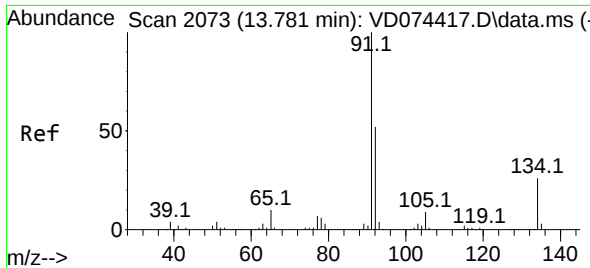
Lab File: VD074421.D

Acq: 26 Sep 2022 15:35

Tgt Ion:146 Resp: 89027

Ion	Ratio	Lower	Upper
146	100		
111	36.0	17.7	53.1
148	63.6	32.3	96.9





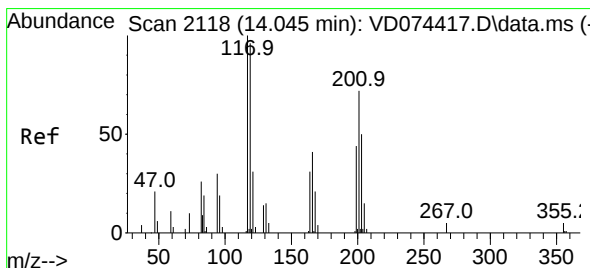
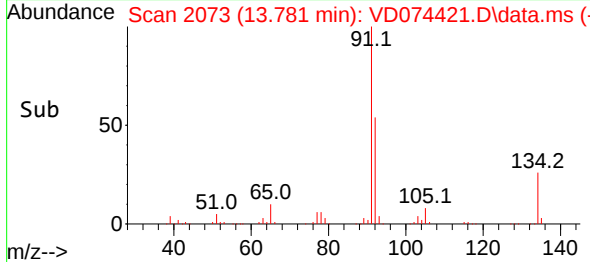
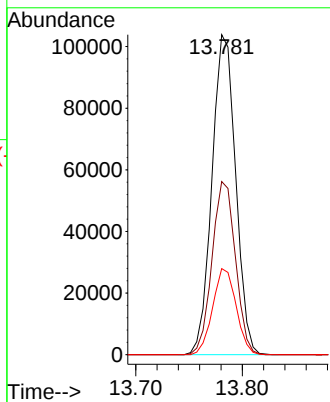
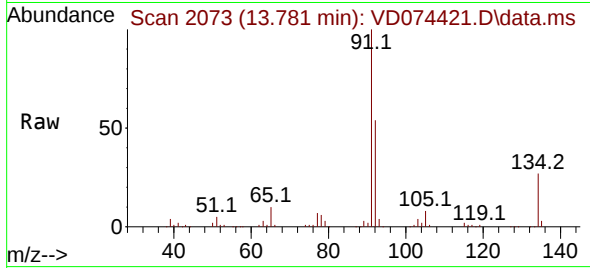
#89
n-Butylbenzene
Concen: 50.062 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Instrument : MSVOA_D
ClientSampleId : ICVVD092622

Tgt Ion: 91 Resp: 16043
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.7
134 26.6 13.4 40.2

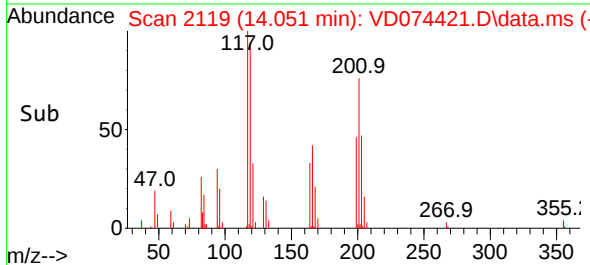
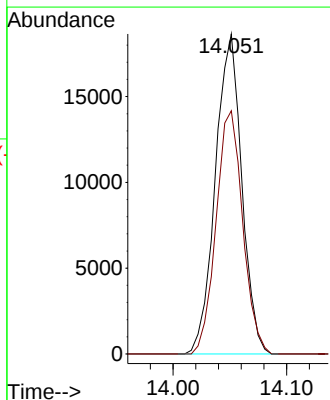
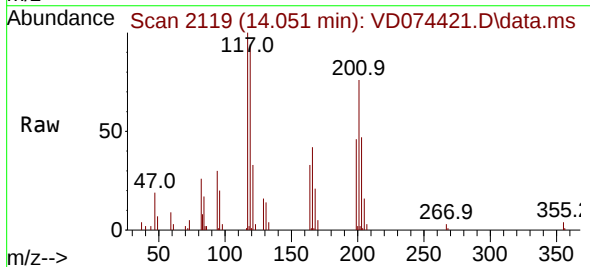
Manual Integrations
APPROVED

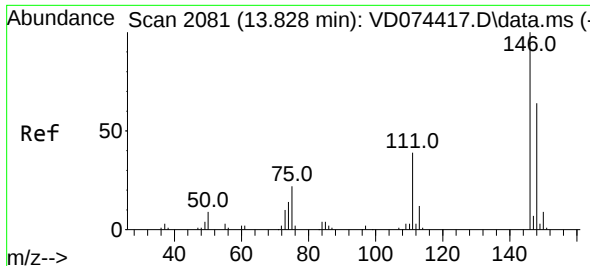
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#90
Hexachloroethane
Concen: 49.248 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

Tgt Ion:117 Resp: 30128
Ion Ratio Lower Upper
117 100
201 76.6 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 49.547 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD074421.D

Acq: 26 Sep 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

ICVVD092622

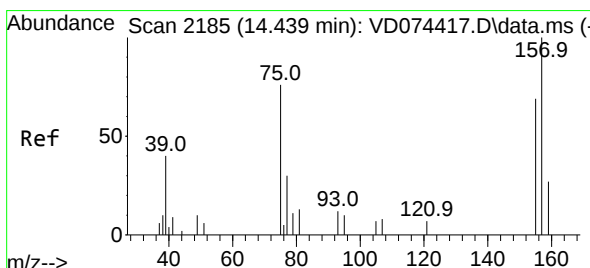
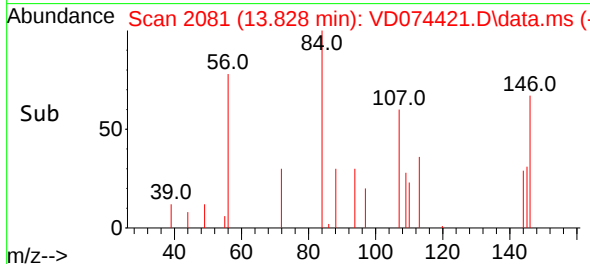
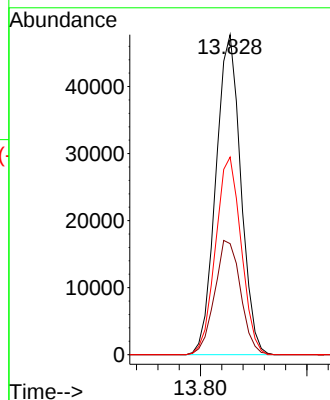
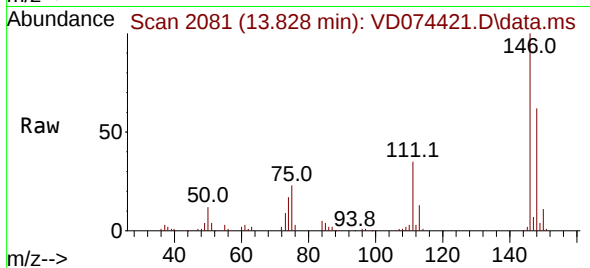
Tgt Ion:	146	Resp:	7752
Ion Ratio	Lower	Upper	
146	100		
111	37.2	18.9	56.5
148	63.4	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.886 ug/l

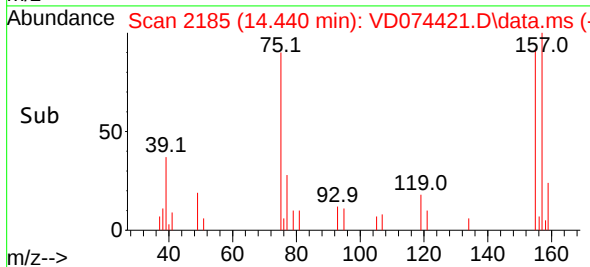
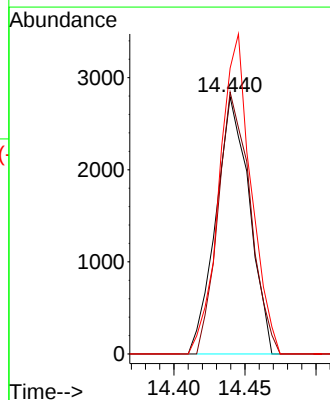
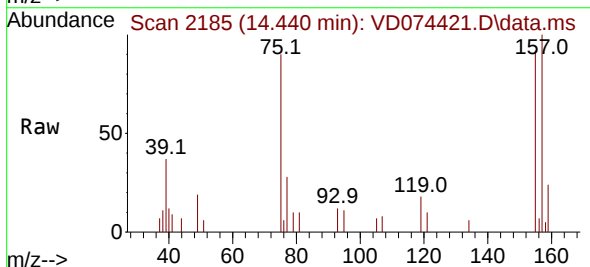
RT: 14.440 min Scan# 2185

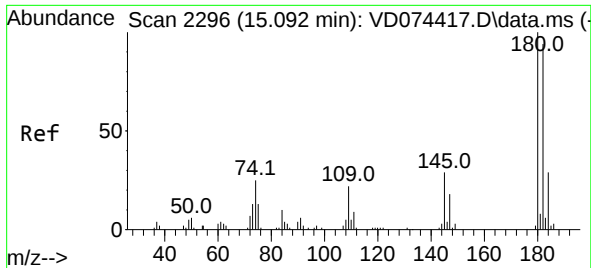
Delta R.T. 0.001 min

Lab File: VD074421.D

Acq: 26 Sep 2022 15:35

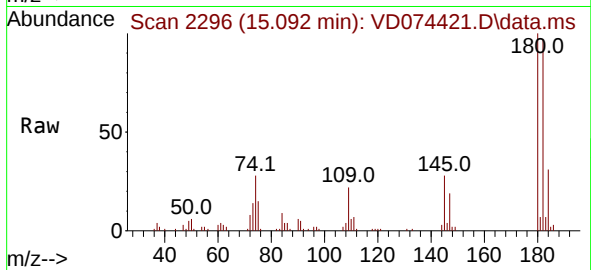
Tgt Ion:	75	Resp:	4575
Ion Ratio	Lower	Upper	
75	100		
155	97.8	51.2	153.8
157	117.4	68.2	204.5





#93
1,2,4-Trichlorobenzene
Concen: 46.980 ug/l
RT: 15.092 min Scan# 2296
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

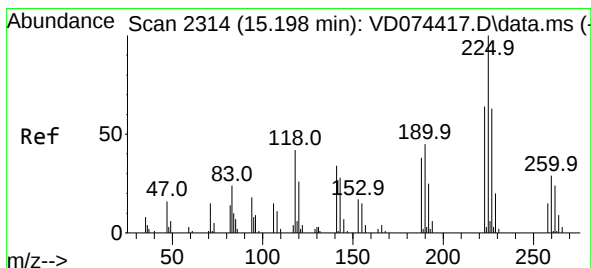
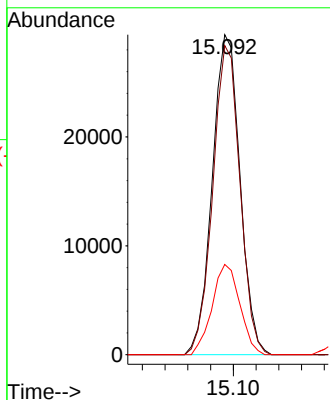
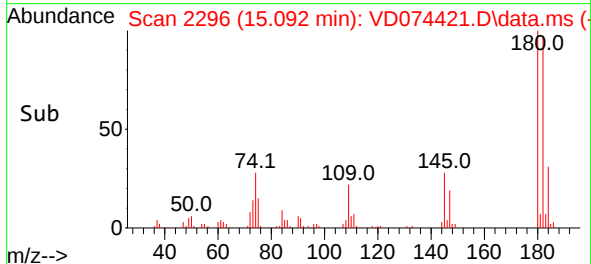
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622



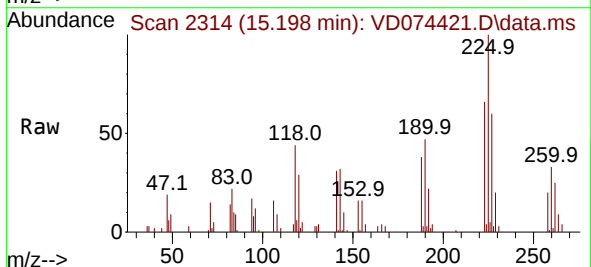
Tgt Ion:180 Resp: 49775
Ion Ratio Lower Upper
180 100
182 94.7 46.9 140.6
145 28.2 14.1 42.3

Manual Integrations
APPROVED

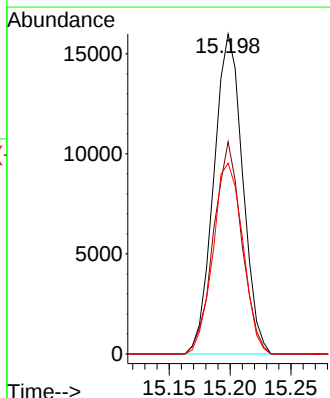
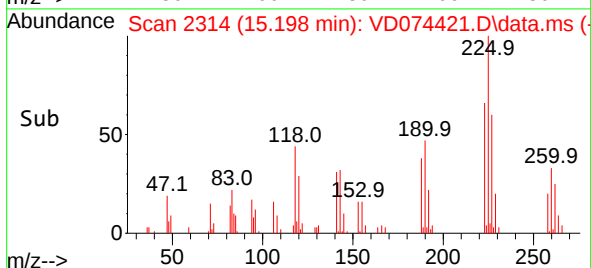
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

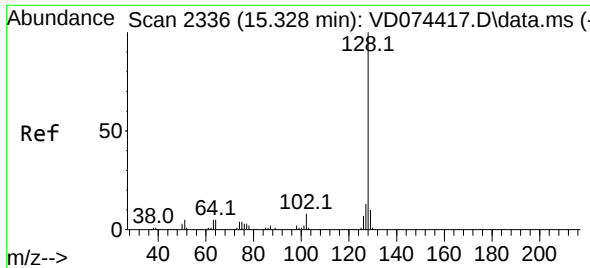


#94
Hexachlorobutadiene
Concen: 45.447 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35



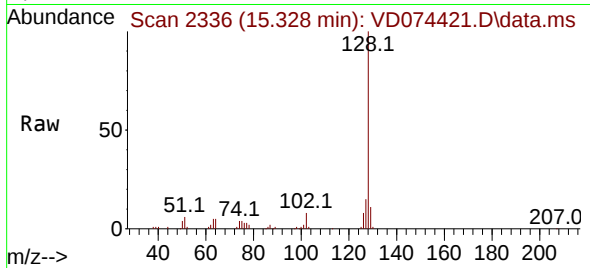
Tgt Ion:225 Resp: 26390
Ion Ratio Lower Upper
225 100
223 64.6 31.9 95.5
227 61.7 32.6 97.8





#95
Naphthalene
Concen: 48.655 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35

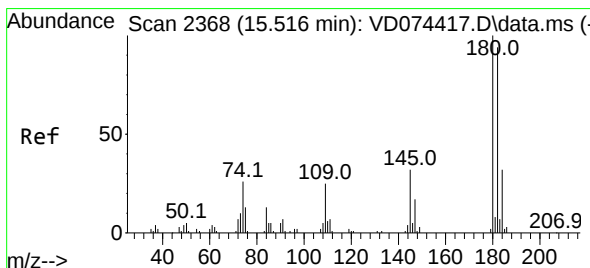
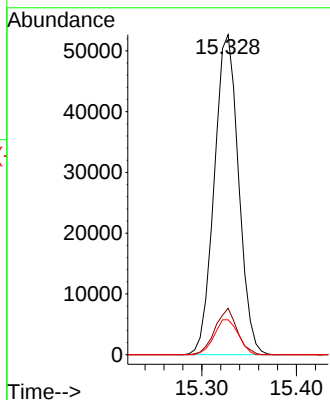
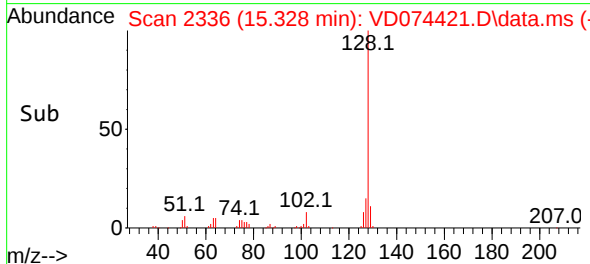
Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622



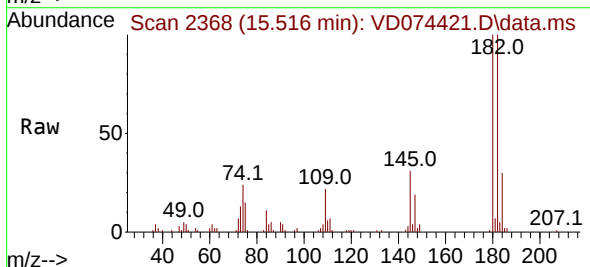
Tgt Ion:128 Resp: 93880
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.9 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#96
1,2,3-Trichlorobenzene
Concen: 47.821 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD074421.D
Acq: 26 Sep 2022 15:35



Tgt Ion:180 Resp: 43449
Ion Ratio Lower Upper
180 100
182 94.3 46.7 140.1
145 30.2 14.9 44.7

