

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074425.D
 Acq On : 26 Sep 2022 18:07
 Operator : VA/SY
 Sample : VD0926SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0926SBS01

Quant Time: Sep 27 04:09:31 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	60321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	94865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	89310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	43960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	25196	48.517	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.040%		
35) Dibromofluoromethane	7.805	113	32445	50.869	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.740%		
50) Toluene-d8	10.269	98	115264	53.429	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.860%		
62) 4-Bromofluorobenzene	12.569	95	35351	46.519	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	10830	21.866	ug/l	95
3) Chloromethane	2.140	50	11163	23.438	ug/l	92
4) Vinyl Chloride	2.276	62	9180	21.604	ug/l	94
5) Bromomethane	2.676	94	7610	23.304	ug/l	97
6) Chloroethane	2.823	64	6502	22.339	ug/l	90
7) Trichlorofluoromethane	3.170	101	20365	20.782	ug/l	99
8) Diethyl Ether	3.593	74	6012	20.810	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	14172	21.316	ug/l	98
10) Methyl Iodide	4.158	142	10624	19.858	ug/l	99
11) Tert butyl alcohol	5.034	59	10308	159.726	ug/l #	84
12) 1,1-Dichloroethene	3.928	96	13412	21.382	ug/l	83
13) Acrolein	3.787	56	4034	111.941	ug/l	98
14) Allyl chloride	4.558	41	13641	21.090	ug/l	98
15) Acrylonitrile	5.252	53	12080	98.580	ug/l	93
16) Acetone	4.028	43	9378	93.085	ug/l	99
17) Carbon Disulfide	4.264	76	33970	23.657	ug/l	98
18) Methyl Acetate	4.564	43	6693	22.112	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	28051	20.806	ug/l	97
20) Methylene Chloride	4.799	84	20542	23.028	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	14468	21.702	ug/l	99
22) Diisopropyl ether	6.216	45	31554	21.332	ug/l #	91
23) Vinyl Acetate	6.152	43	65380m	104.117	ug/l	
24) 1,1-Dichloroethane	6.111	63	23066	20.703	ug/l	98
25) 2-Butanone	7.081	43	13725	99.421	ug/l	95
26) 2,2-Dichloropropane	7.069	77	21582	20.829	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	17105	21.618	ug/l	99
28) Bromochloromethane	7.428	49	7562	21.306	ug/l #	99
29) Tetrahydrofuran	7.440	42	8354	106.582	ug/l	98
30) Chloroform	7.593	83	26790	21.367	ug/l	99
31) Cyclohexane	7.875	56	18681	21.186	ug/l	90
32) 1,1,1-Trichloroethane	7.787	97	24155	22.446	ug/l	97
36) 1,1-Dichloropropene	8.005	75	19546	22.690	ug/l	96
37) Ethyl Acetate	7.169	43	6267	22.076	ug/l	97
38) Carbon Tetrachloride	7.987	117	18258	22.148	ug/l	91
39) Methylcyclohexane	9.269	83	21963	21.515	ug/l	95
40) Benzene	8.246	78	54277	21.343	ug/l	99

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 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
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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	7.405	41	3321m	19.399	ug/l	
42) 1,2-Dichloroethane	8.328	62	13217	20.715	ug/l	97
43) Isopropyl Acetate	8.363	43	11485	20.810	ug/l	98
44) Trichloroethene	9.028	130	16299	20.954	ug/l	95
45) 1,2-Dichloropropane	9.305	63	12986	21.533	ug/l	99
46) Dibromomethane	9.393	93	7948	22.308	ug/l	97
47) Bromodichloromethane	9.581	83	19101	20.731	ug/l #	89
48) Methyl methacrylate	9.375	41	5768	23.399	ug/l	96
49) 1,4-Dioxane	9.381	88	1506	406.219	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	30156	106.323	ug/l	99
52) Toluene	10.334	92	36434	22.166	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	16042	20.948	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	20864	21.347	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	11072	22.322	ug/l	98
56) Ethyl methacrylate	10.593	69	12005	21.574	ug/l	98
57) 1,3-Dichloropropane	10.881	76	17778	21.983	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	7029	99.062	ug/l	99
59) 2-Hexanone	10.916	43	20696	108.114	ug/l	97
60) Dibromochloromethane	11.069	129	14080	22.664	ug/l	100
61) 1,2-Dibromoethane	11.175	107	10307	21.375	ug/l	100
64) Tetrachloroethene	10.810	164	14394	20.782	ug/l	94
65) Chlorobenzene	11.604	112	40836	21.112	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	14140	20.195	ug/l	95
67) Ethyl Benzene	11.681	91	71519	21.016	ug/l	94
68) m/p-Xylenes	11.793	106	56014	41.939	ug/l	100
69) o-Xylene	12.116	106	25186	20.336	ug/l	96
70) Styrene	12.134	104	42835	19.841	ug/l	98
71) Bromoform	12.299	173	7756	20.102	ug/l #	97
73) Isopropylbenzene	12.416	105	68017	20.841	ug/l	100
74) N-amyl acetate	12.228	43	10189	19.806	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	11916	20.928	ug/l	97
76) 1,2,3-Trichloropropane	12.716	75	6786m	19.736	ug/l	
77) Bromobenzene	12.698	156	16242	21.009	ug/l	98
78) n-propylbenzene	12.757	91	83118	21.170	ug/l	99
79) 2-Chlorotoluene	12.846	91	44168	20.844	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	56811	21.042	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	2896	20.553	ug/l	88
82) 4-Chlorotoluene	12.940	91	45782	21.074	ug/l	100
83) tert-Butylbenzene	13.163	119	50601	20.709	ug/l	99
84) 1,2,4-Trimethylbenzene	13.204	105	55433	20.623	ug/l	99
85) sec-Butylbenzene	13.340	105	75760	20.717	ug/l	100
86) p-Isopropyltoluene	13.457	119	63113	20.649	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	32432	20.438	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	32636	20.546	ug/l	98
89) n-Butylbenzene	13.781	91	58062	20.488	ug/l	99
90) Hexachloroethane	14.046	117	11054	20.432	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	28272	20.433	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1580	21.028	ug/l	93
93) 1,2,4-Trichlorobenzene	15.092	180	18310	19.542	ug/l	98
94) Hexachlorobutadiene	15.198	225	10427	20.305	ug/l	97
95) Naphthalene	15.328	128	33436	19.595	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	16207	20.171	ug/l	97

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ALS Vial : 15 Sample Multiplier: 1

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MSVOA_D
ClientSampleId :
VD0926SBS01

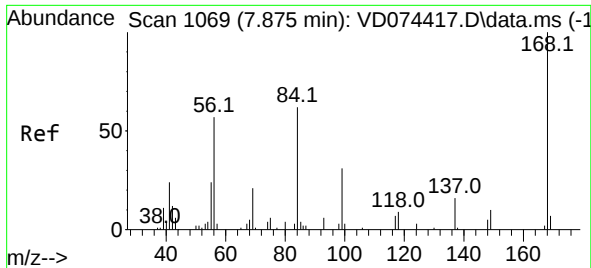
Manual Integrations
APPROVED

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

Quant Time: Sep 27 04:09:31 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

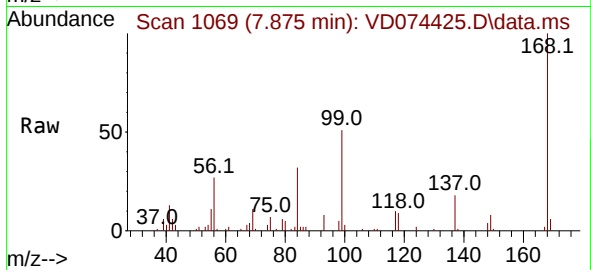
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

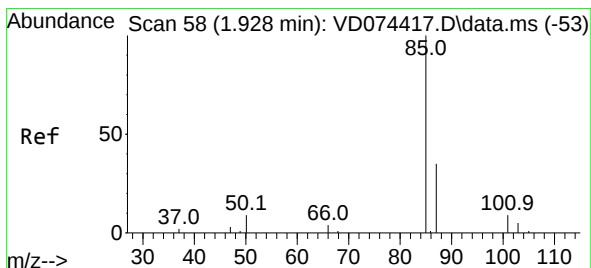
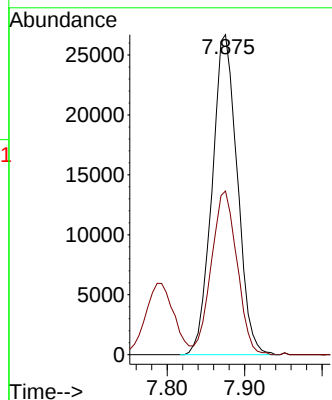
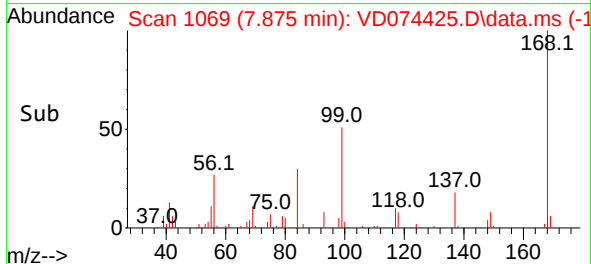
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



Tgt Ion:168 Resp: 6032
Ion Ratio Lower Upper
168 100
99 51.1 40.9 61.3

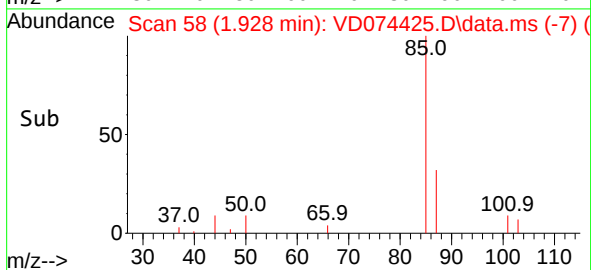
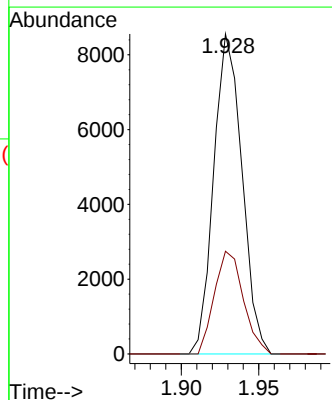
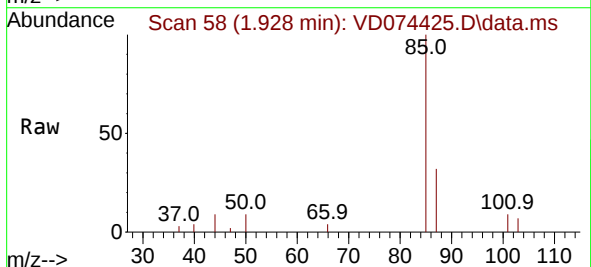
Manual Integrations
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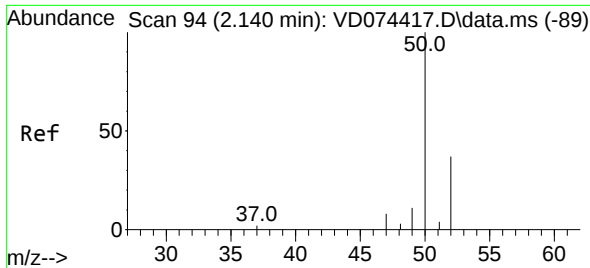
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#2
Dichlorodifluoromethane
Concen: 21.866 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

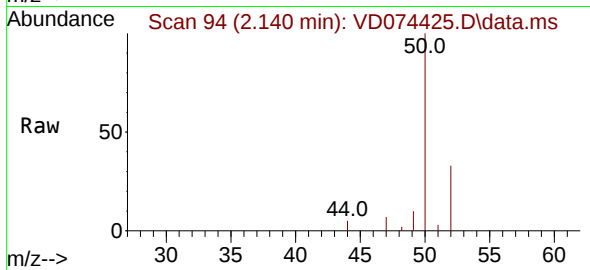
Tgt Ion: 85 Resp: 10830
Ion Ratio Lower Upper
85 100
87 32.1 17.5 52.6





#3
Chloromethane
Concen: 23.438 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

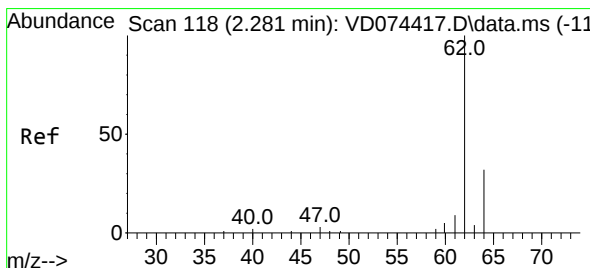
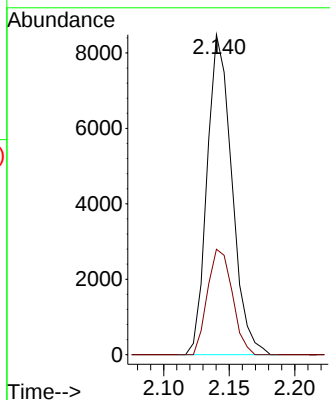
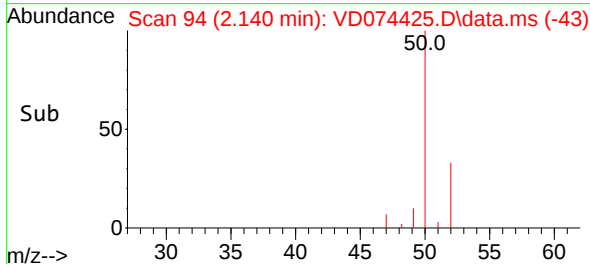
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



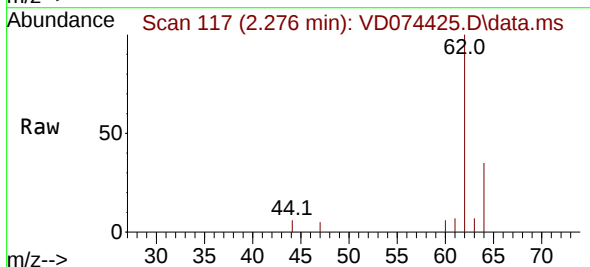
Tgt Ion: 50 Resp: 1116
Ion Ratio Lower Upper
50 100
52 33.0 30.0 45.0

Manual Integrations
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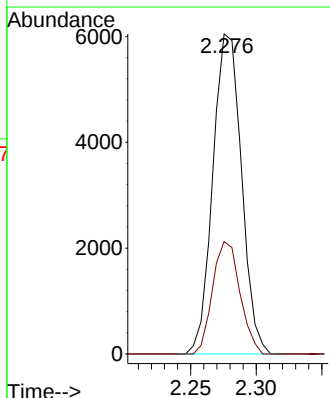
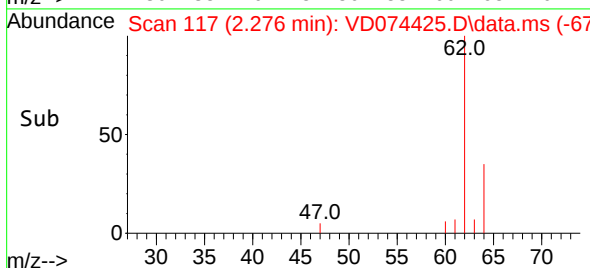
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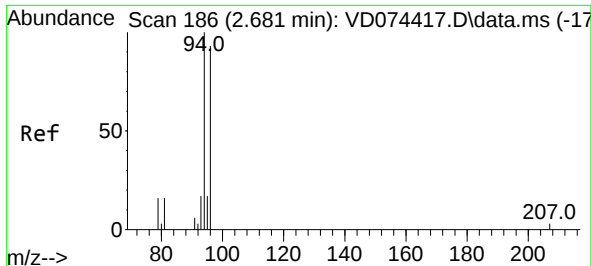


#4
Vinyl Chloride
Concen: 21.604 ug/l
RT: 2.276 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07



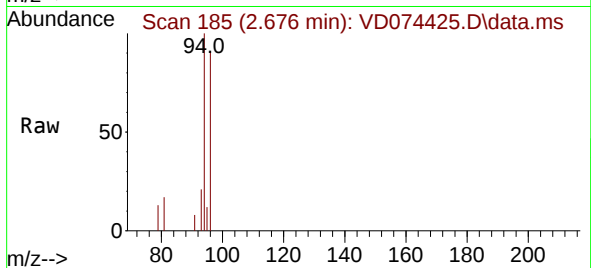
Tgt Ion: 62 Resp: 9180
Ion Ratio Lower Upper
62 100
64 35.1 25.5 38.3





#5
Bromomethane
Concen: 23.304 ug/l
RT: 2.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

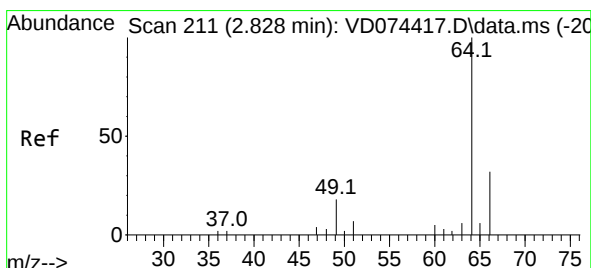
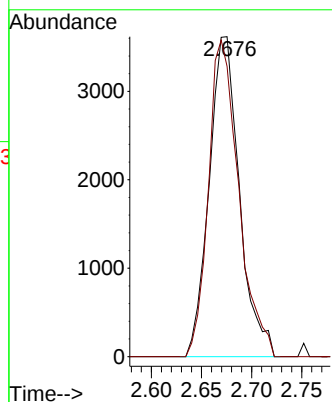
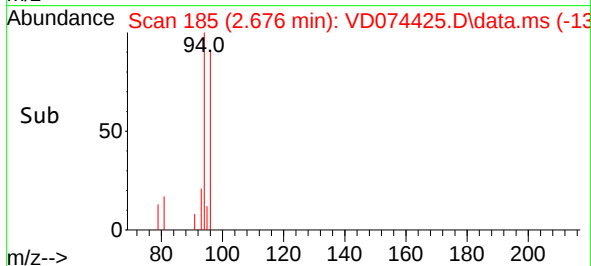
Instrument :
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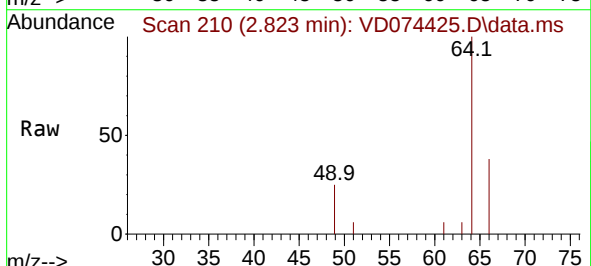
Tgt Ion: 94 Resp: 7610
Ion Ratio Lower Upper
94 100
96 90.7 74.6 112.0

Manual Integrations
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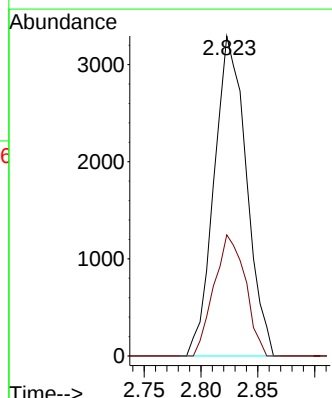
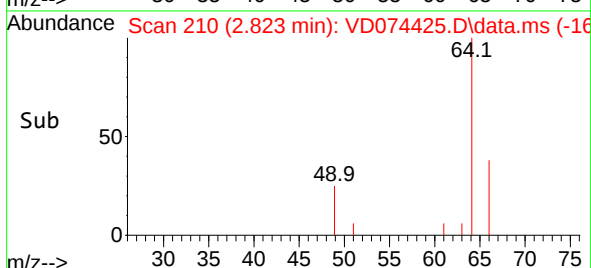
Reviewed By :Krupa Patel 09/27/2022
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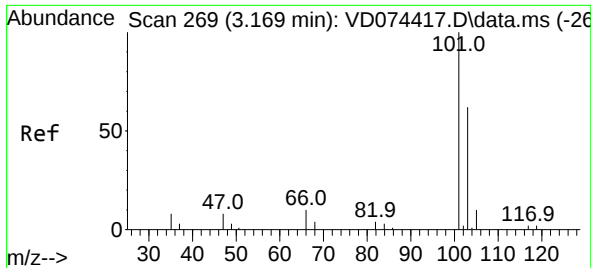


#6
Chloroethane
Concen: 22.339 ug/l
RT: 2.823 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07



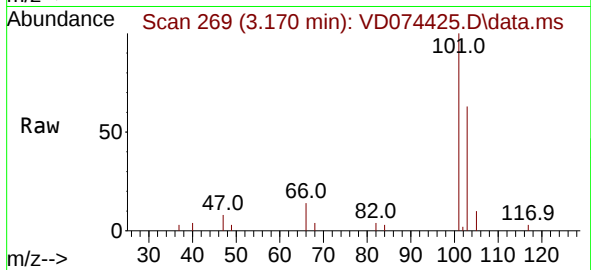
Tgt Ion: 64 Resp: 6502
Ion Ratio Lower Upper
64 100
66 37.8 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 20.782 ug/l
 RT: 3.170 min Scan# 2036
 Delta R.T. 0.000 min
 Lab File: VD074425.D
 Acq: 26 Sep 2022 18:07

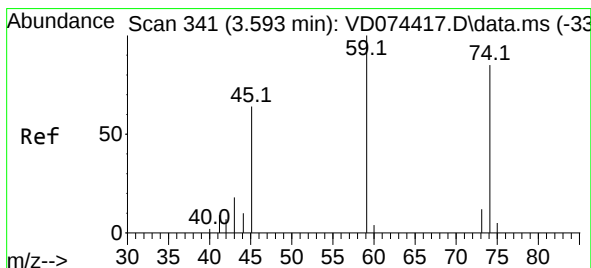
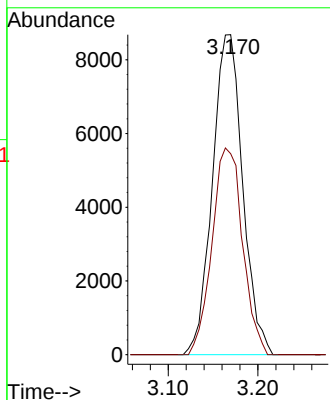
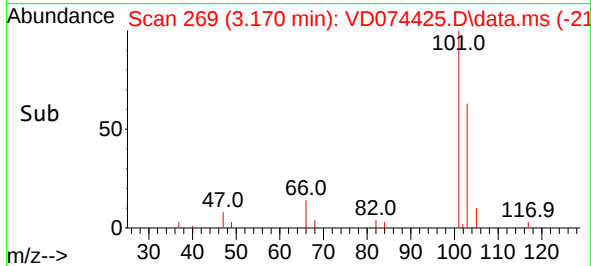
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0926SBS01



Tgt Ion:101 Resp: 2036
 Ion Ratio Lower Upper
 101 100
 103 62.8 49.8 74.8

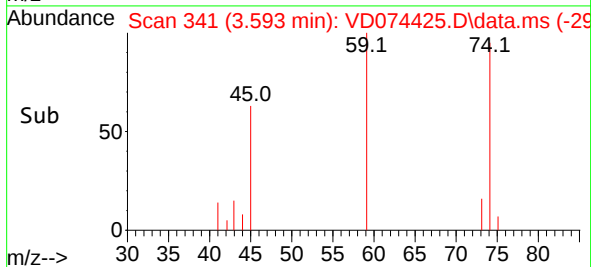
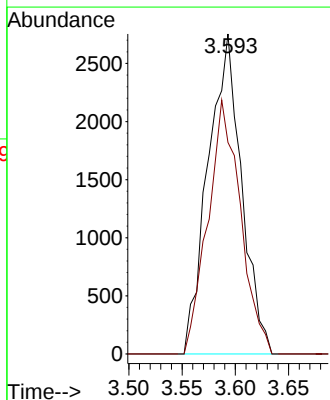
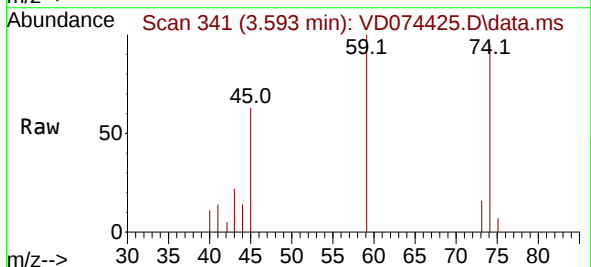
Manual Integrations
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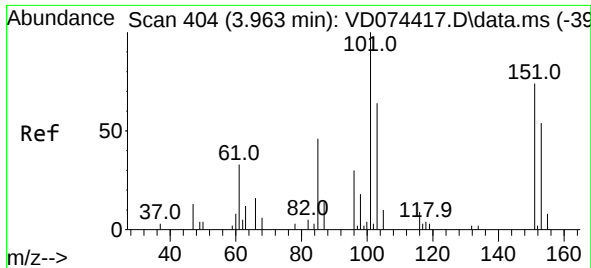
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022



#8
 Diethyl Ether
 Concen: 20.810 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD074425.D
 Acq: 26 Sep 2022 18:07

Tgt Ion: 74 Resp: 6012
 Ion Ratio Lower Upper
 74 100
 45 77.3 37.9 113.6





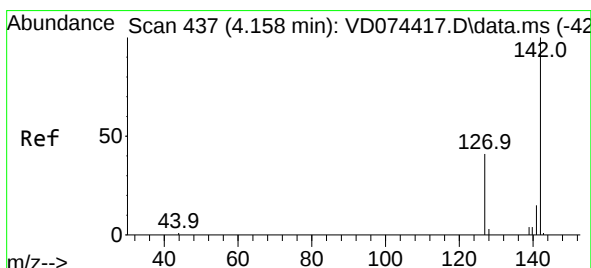
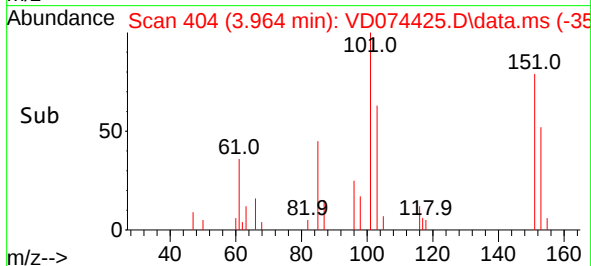
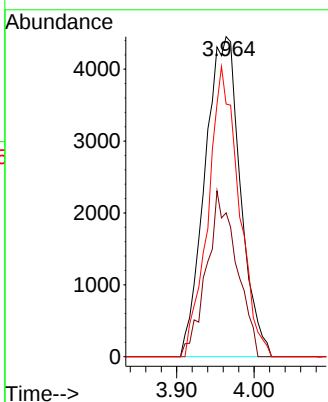
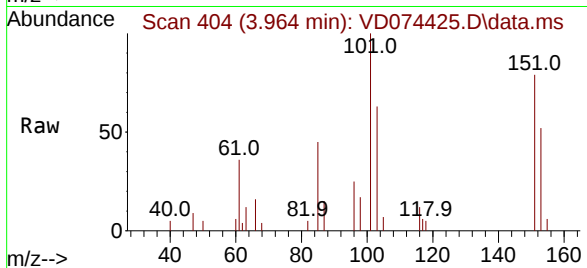
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.316 ug/l
 RT: 3.964 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD074425.D
 Acq: 26 Sep 2022 18:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0926SBS01

Tgt Ion:101 Resp: 1417
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.1 51.1
 151 78.8 61.7 92.5

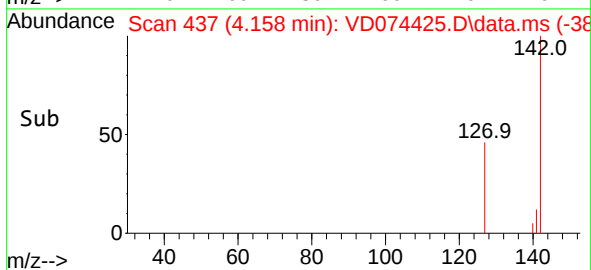
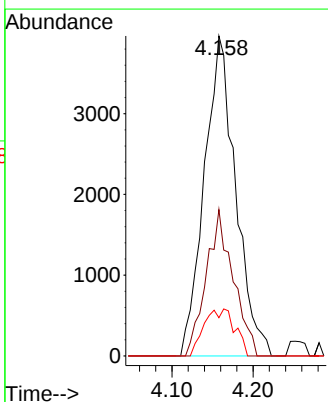
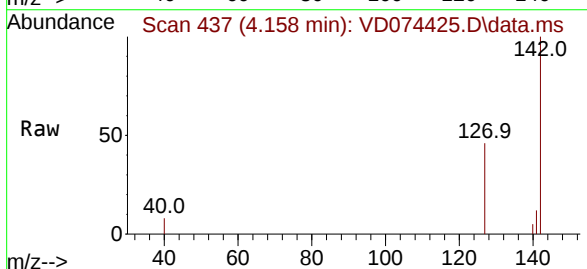
Manual Integrations
 APPROVED

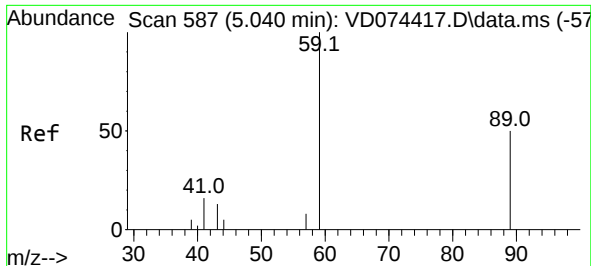
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022



#10
 Methyl Iodide
 Concen: 19.858 ug/l
 RT: 4.158 min Scan# 437
 Delta R.T. -0.000 min
 Lab File: VD074425.D
 Acq: 26 Sep 2022 18:07

Tgt Ion:142 Resp: 10624
 Ion Ratio Lower Upper
 142 100
 127 39.3 31.9 47.9
 141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 159.726 ug/l

RT: 5.034 min Scan# 586

Delta R.T. -0.006 min

Lab File: VD074425.D

Acq: 26 Sep 2022 18:07

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion: 59 Resp: 10308

Ion Ratio Lower Upper

59 100

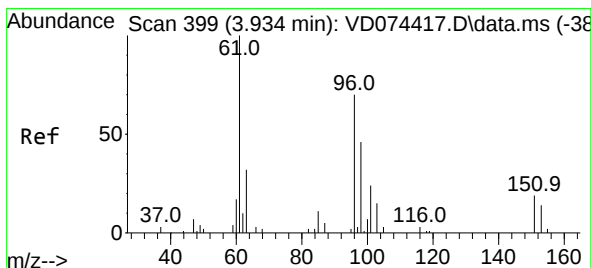
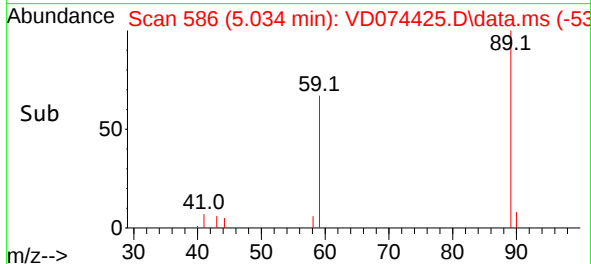
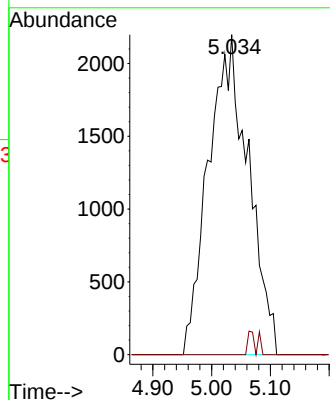
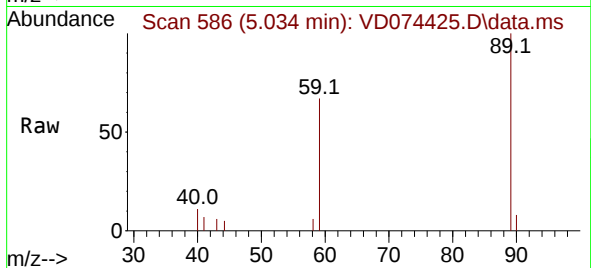
57 0.0 4.4 6.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#12

1,1-Dichloroethene

Concen: 21.382 ug/l

RT: 3.928 min Scan# 398

Delta R.T. -0.006 min

Lab File: VD074425.D

Acq: 26 Sep 2022 18:07

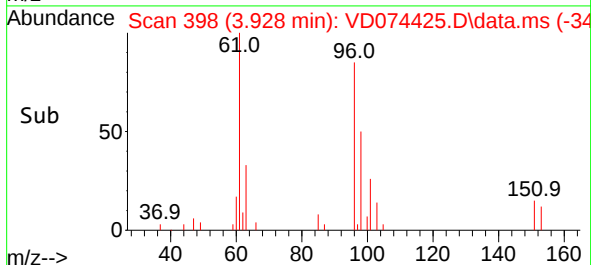
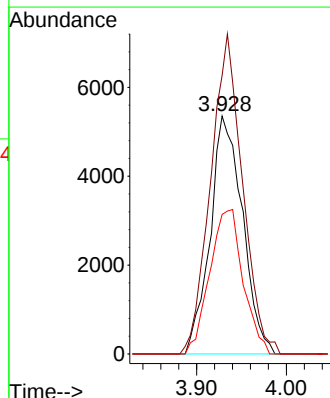
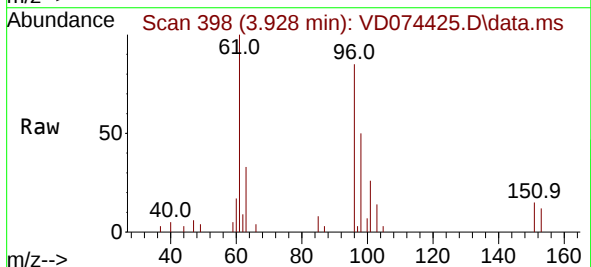
Tgt Ion: 96 Resp: 13412

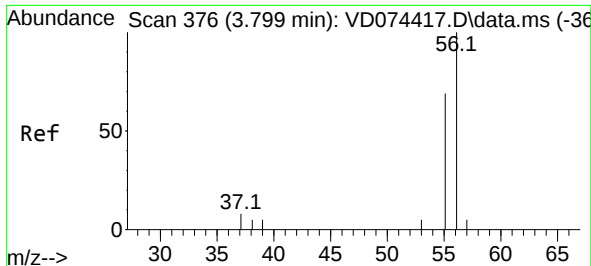
Ion Ratio Lower Upper

96 100

61 117.1 113.9 170.9

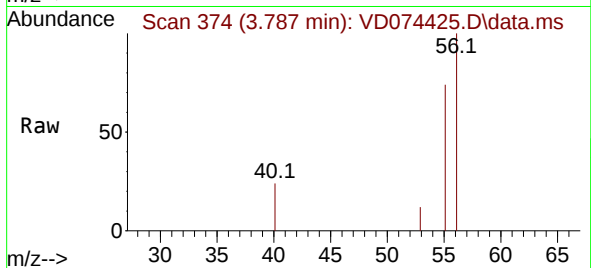
98 58.7 51.8 77.8





#13
Acrolein
Concen: 111.941 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

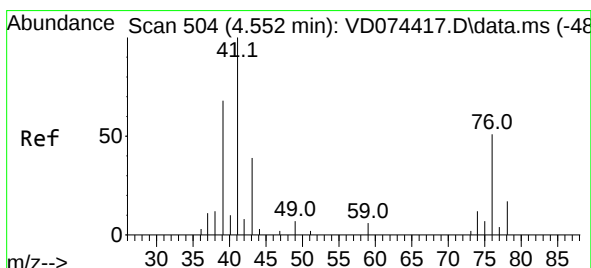
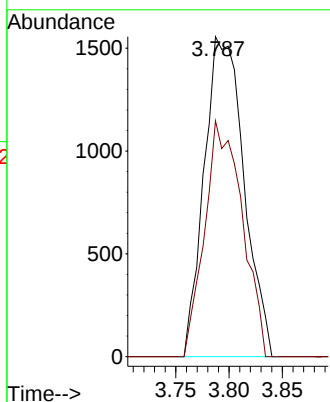
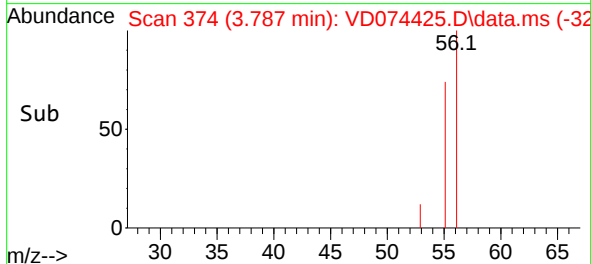
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



Tgt Ion: 56 Resp: 4034
Ion Ratio Lower Upper
56 100
55 69.5 54.0 81.0

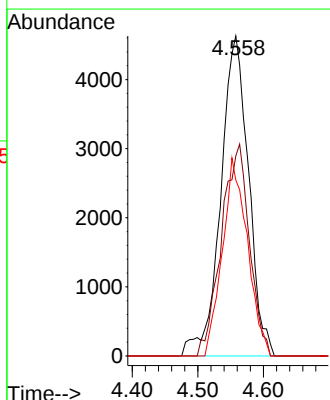
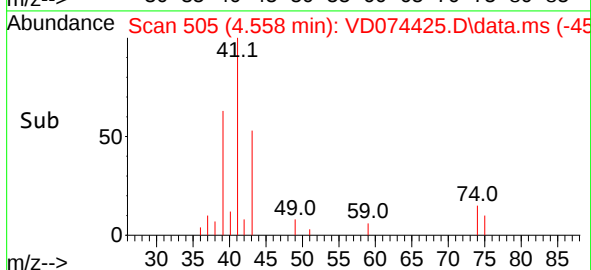
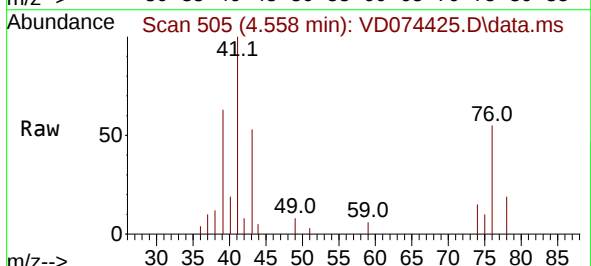
Manual Integrations
APPROVED

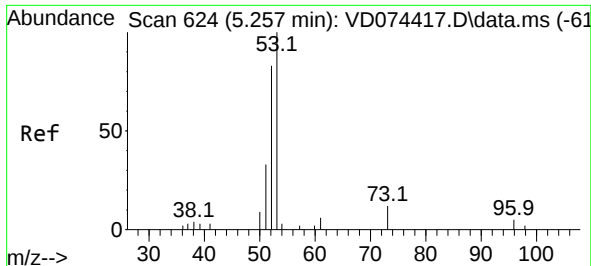
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#14
Allyl chloride
Concen: 21.090 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

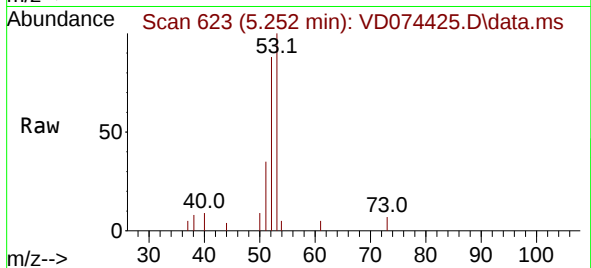
Tgt Ion: 41 Resp: 13641
Ion Ratio Lower Upper
41 100
39 66.7 53.4 80.2
76 55.7 42.4 63.6





#15
Acrylonitrile
Concen: 98.580 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

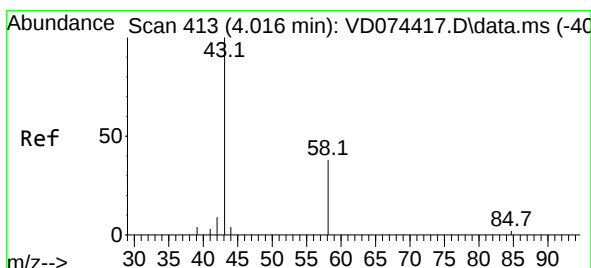
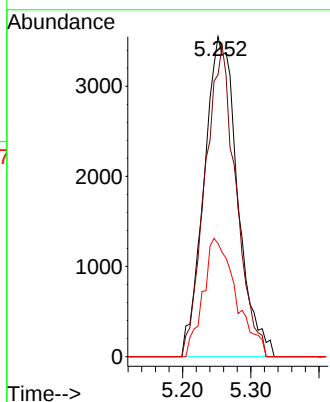
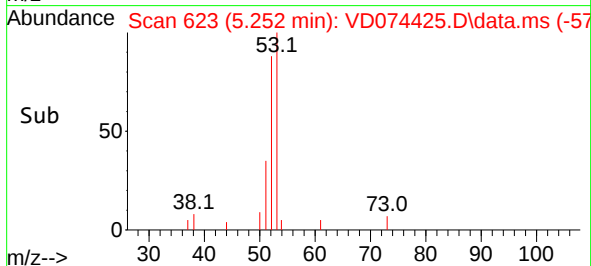
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



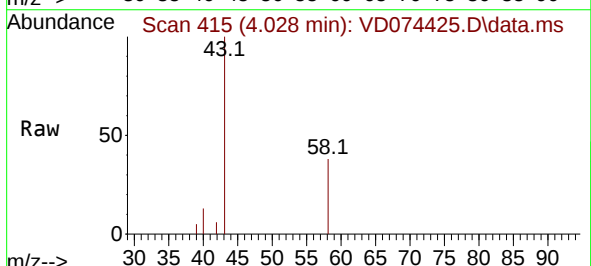
Tgt Ion: 53 Resp: 12080
Ion Ratio Lower Upper
53 100
52 90.4 66.0 99.0
51 36.5 28.3 42.5

Manual Integrations
APPROVED

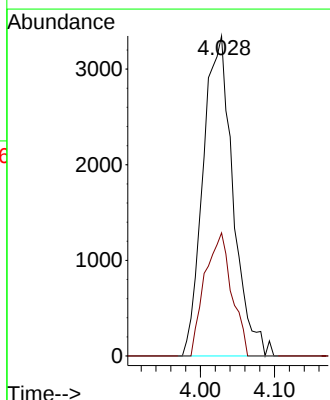
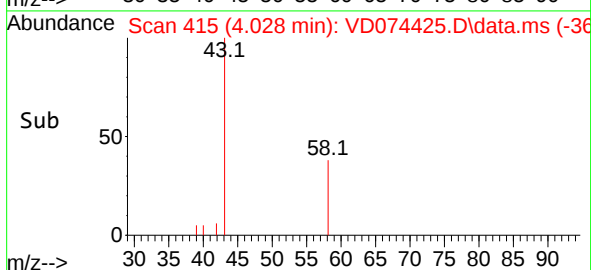
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

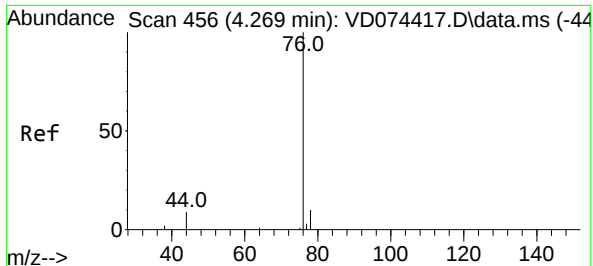


#16
Acetone
Concen: 93.085 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07



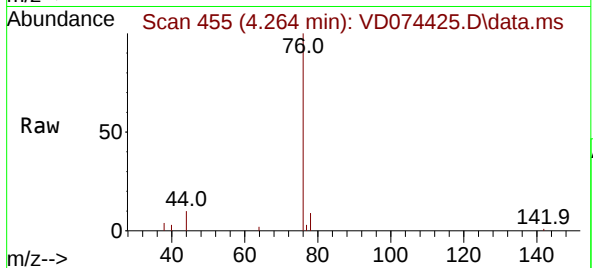
Tgt Ion: 43 Resp: 9378
Ion Ratio Lower Upper
43 100
58 38.5 30.2 45.2





#17
Carbon Disulfide
Concen: 23.657 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

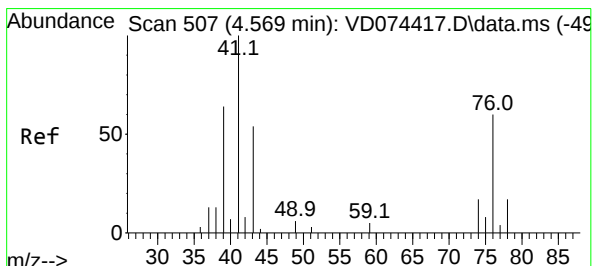
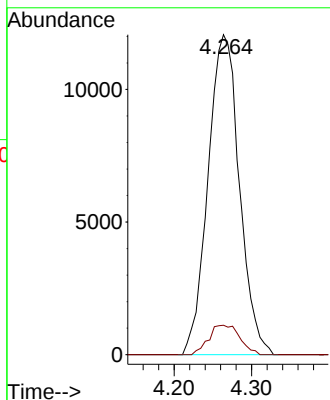
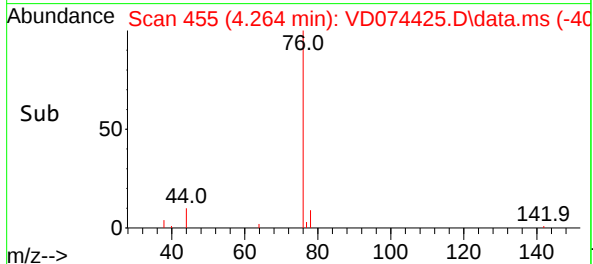
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



Tgt Ion: 76 Resp: 33970
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8

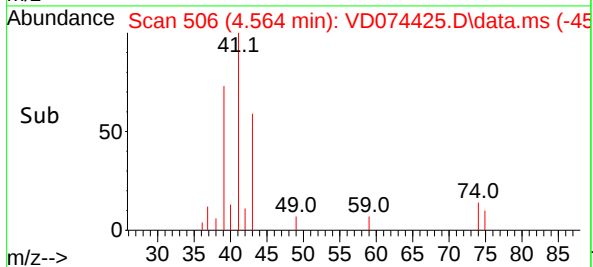
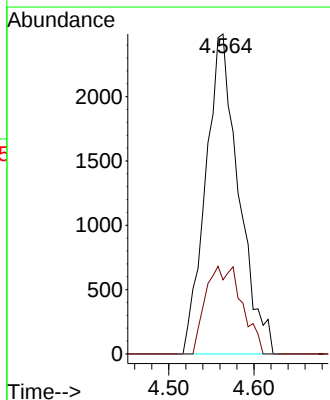
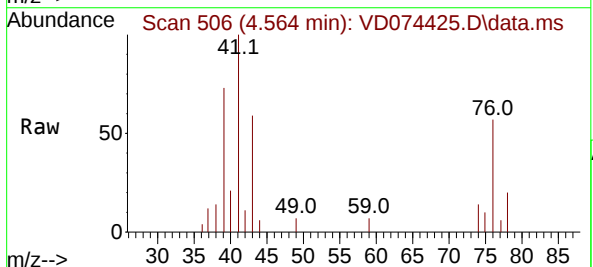
Manual Integrations
APPROVED

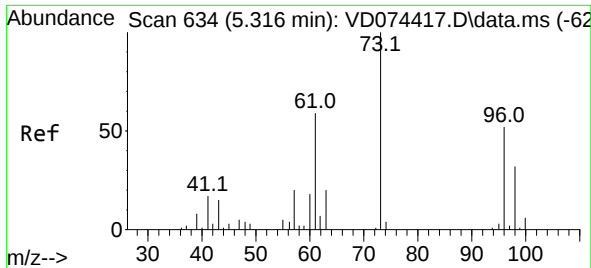
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#18
Methyl Acetate
Concen: 22.112 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.005 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

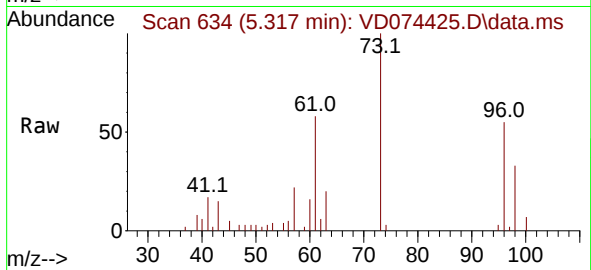
Tgt Ion: 43 Resp: 6693
Ion Ratio Lower Upper
43 100
74 30.1 24.7 37.1





#19
Methyl tert-butyl Ether
Concen: 20.806 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

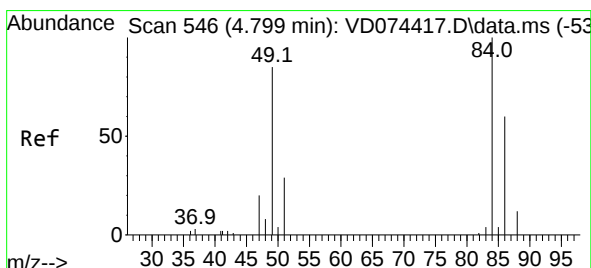
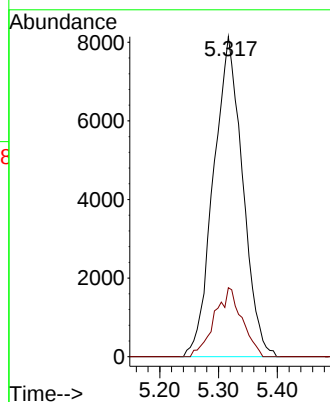
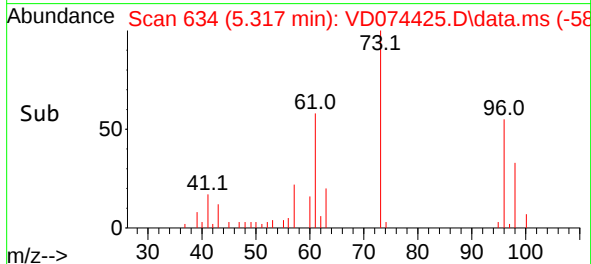
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



Tgt Ion: 73 Resp: 2805
Ion Ratio Lower Upper
73 100
57 21.5 16.1 24.1

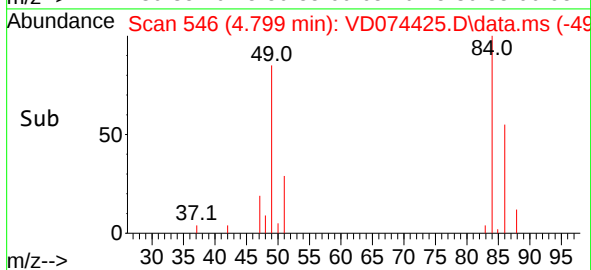
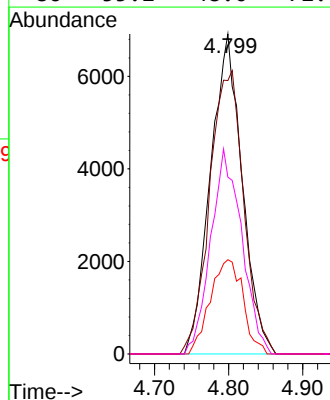
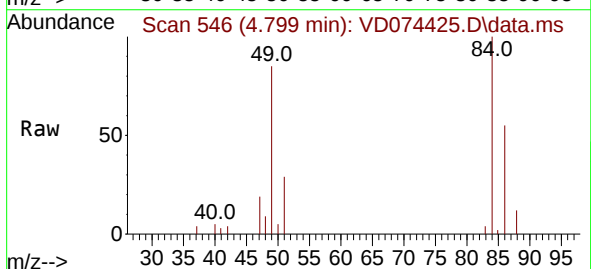
Manual Integrations
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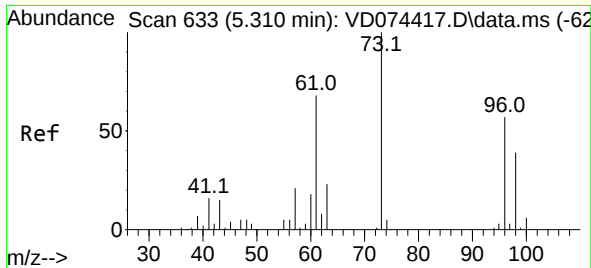
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#20
Methylene Chloride
Concen: 23.028 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

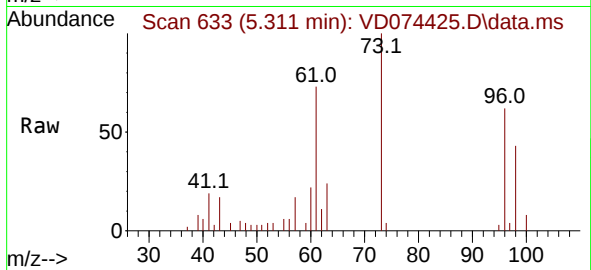
Tgt Ion: 84 Resp: 20542
Ion Ratio Lower Upper
84 100
49 85.5 68.0 102.0
51 29.4 23.2 34.8
86 55.2 48.0 72.0





#21
trans-1,2-Dichloroethene
Concen: 21.702 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

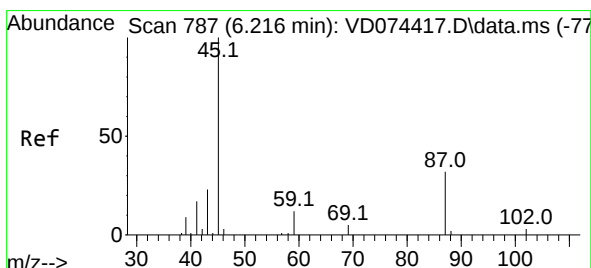
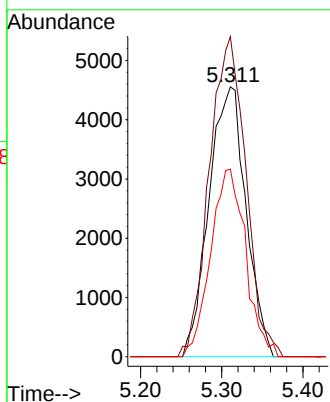
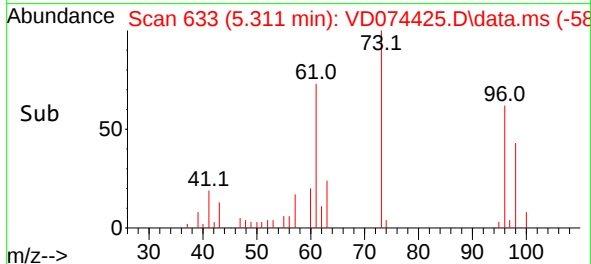
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



Tgt Ion: 96 Resp: 1446
Ion Ratio Lower Upper
96 100
61 118.6 95.7 143.5
98 69.5 54.8 82.2

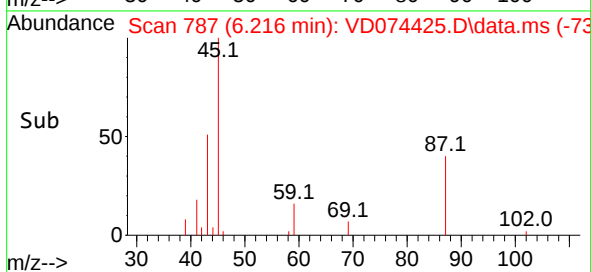
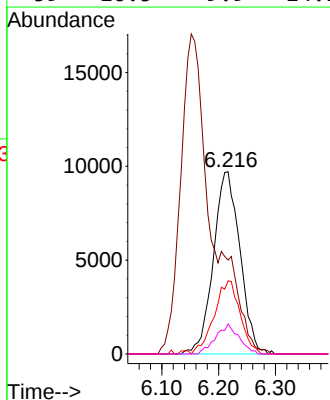
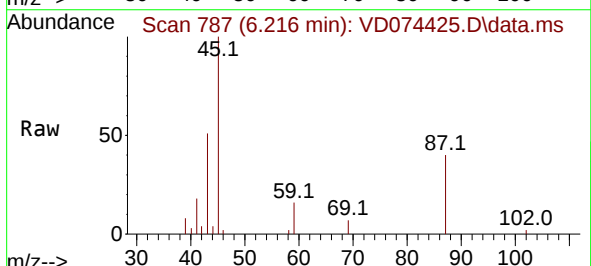
Manual Integrations
APPROVED

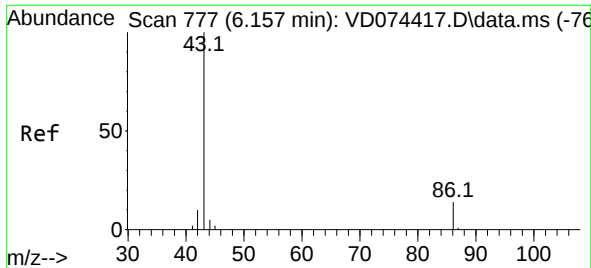
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#22
Diisopropyl ether
Concen: 21.332 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Tgt Ion: 45 Resp: 31554
Ion Ratio Lower Upper
45 100
43 51.5 37.8 56.6
87 40.1 26.6 40.0#
59 16.5 9.9 14.9#





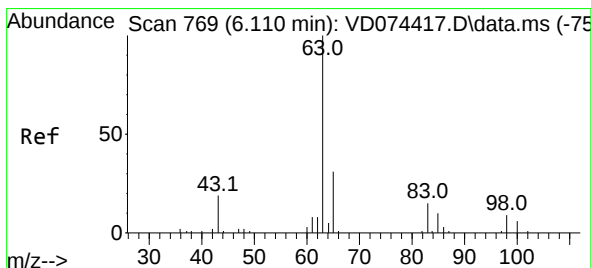
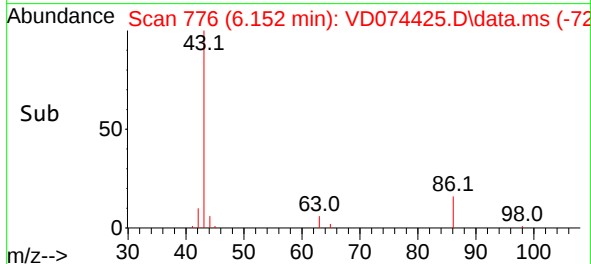
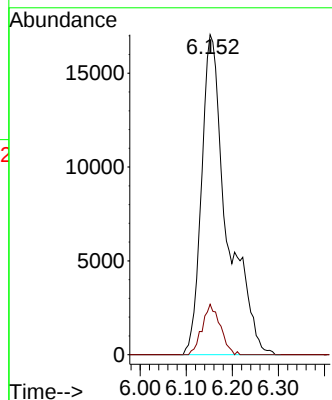
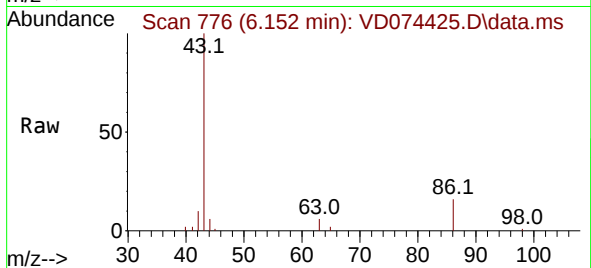
#23
 Vinyl Acetate
 Concen: 104.117 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD074425.D
 Acq: 26 Sep 2022 18:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0926SBS01

Tgt Ion: 43 Resp: 65380
 Ion Ratio Lower Upper
 43 100
 86 15.8 11.2 16.8

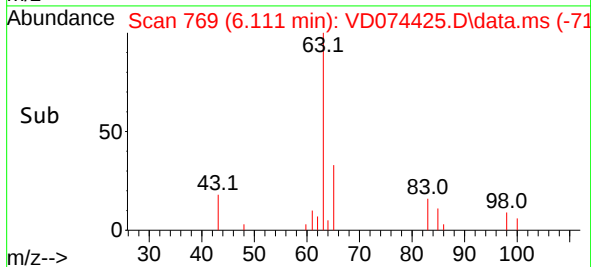
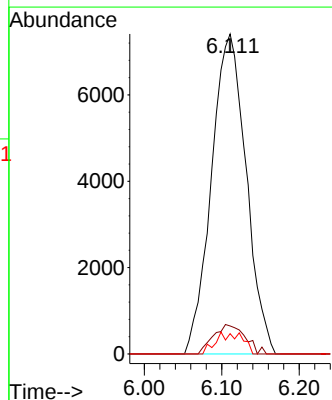
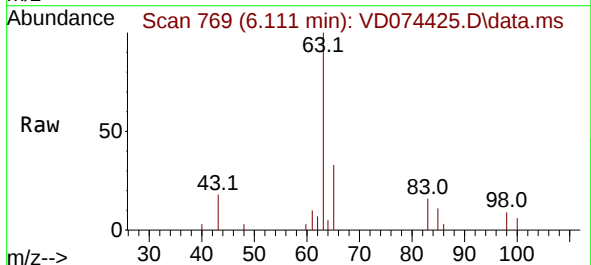
Manual Integrations
 APPROVED

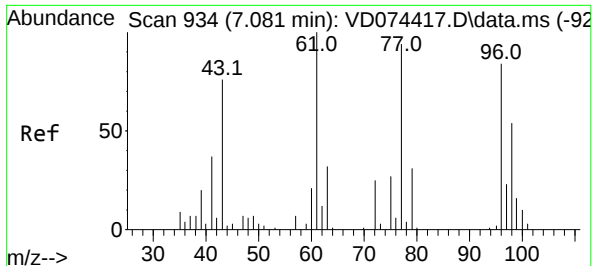
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022



#24
 1,1-Dichloroethane
 Concen: 20.703 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD074425.D
 Acq: 26 Sep 2022 18:07

Tgt Ion: 63 Resp: 23066
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.6 13.8
 100 6.4 2.9 8.6





#25

2-Butanone

Concen: 99.421 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074425.D

Acq: 26 Sep 2022 18:07

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion: 43 Resp: 1372

Ion Ratio Lower Upper

43 100

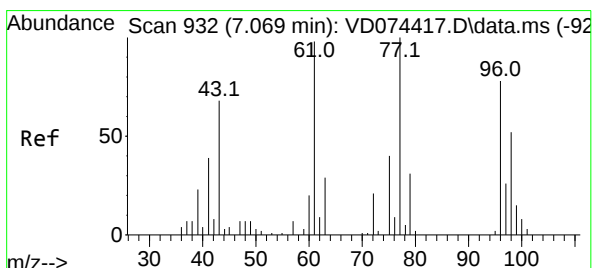
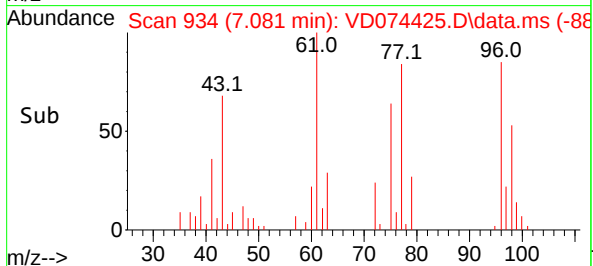
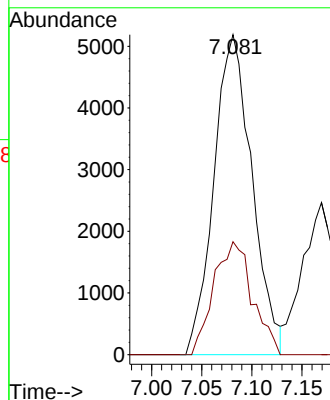
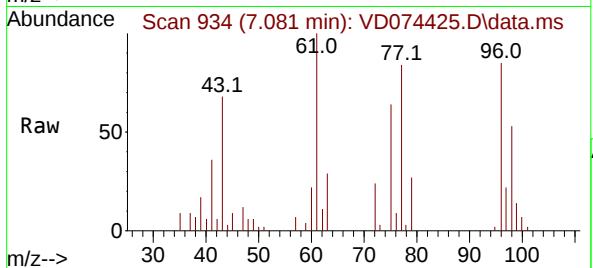
72 35.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#26

2,2-Dichloropropane

Concen: 20.829 ug/l

RT: 7.069 min Scan# 932

Delta R.T. 0.000 min

Lab File: VD074425.D

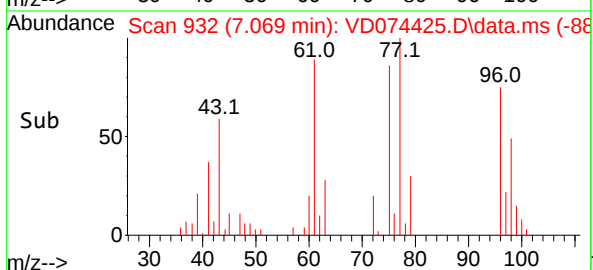
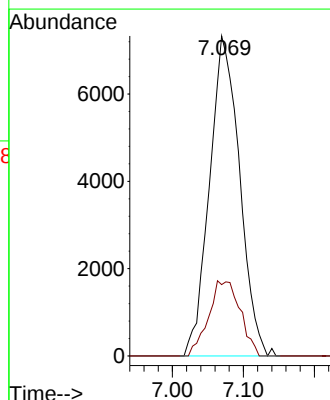
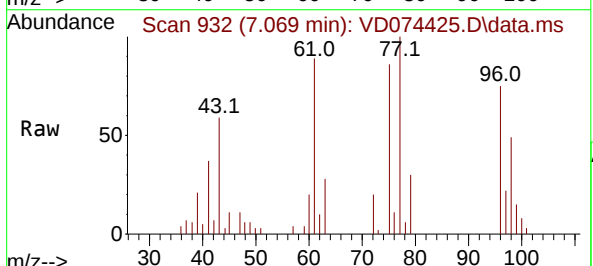
Acq: 26 Sep 2022 18:07

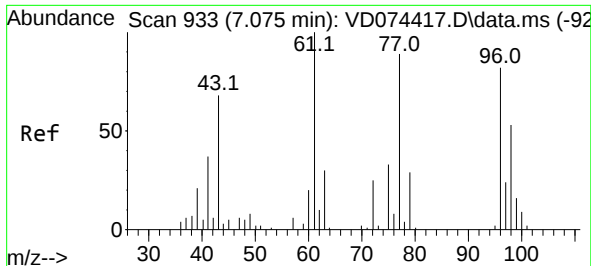
Tgt Ion: 77 Resp: 21582

Ion Ratio Lower Upper

77 100

97 24.6 12.5 37.5





#27

cis-1,2-Dichloroethene

Concen: 21.618 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074425.D

Acq: 26 Sep 2022 18:07

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion: 96 Resp: 1710

Ion Ratio Lower Upper

96 100

61 121.8 0.0 242.4

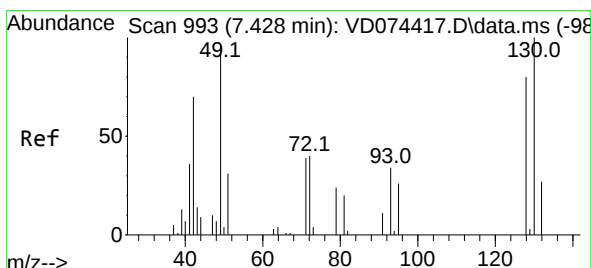
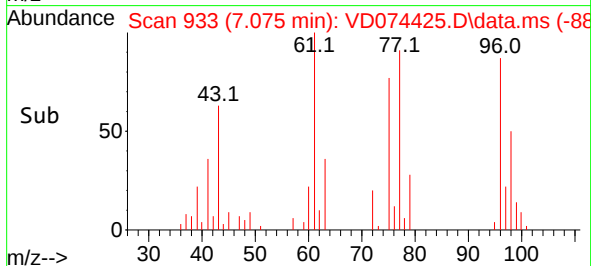
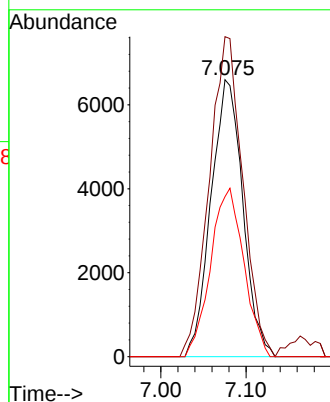
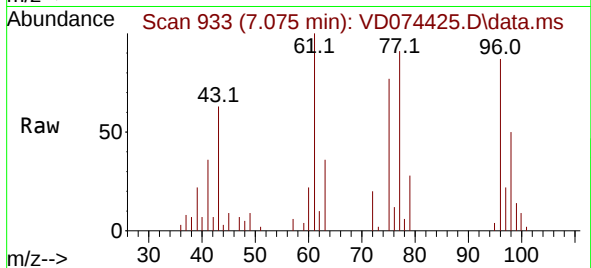
98 63.6 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#28

Bromochloromethane

Concen: 21.306 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD074425.D

Acq: 26 Sep 2022 18:07

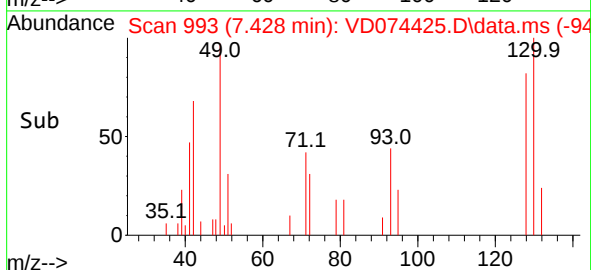
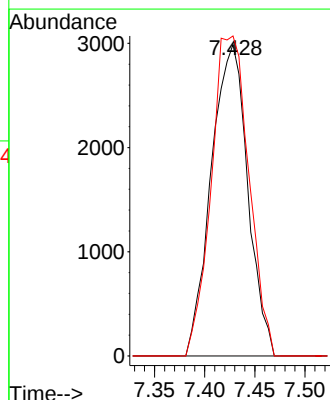
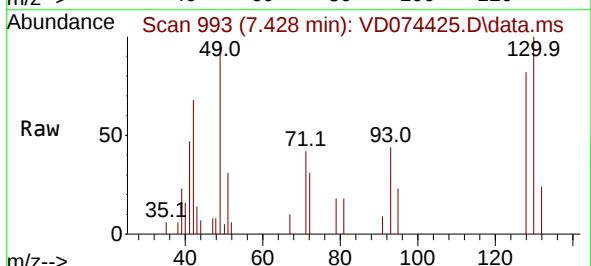
Tgt Ion: 49 Resp: 7562

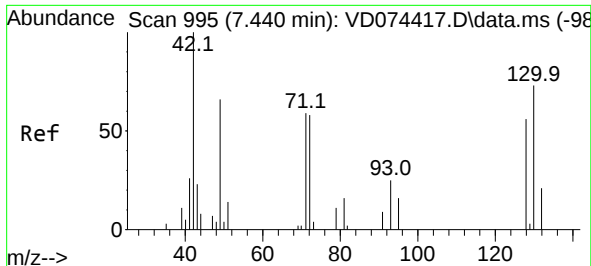
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

130 106.0 84.1 126.1





#29

Tetrahydrofuran

Concen: 106.582 ug/l

RT: 7.440 min Scan# 995

Delta R.T. 0.000 min

Lab File: VD074425.D

Acq: 26 Sep 2022 18:07

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion: 42 Resp: 8354

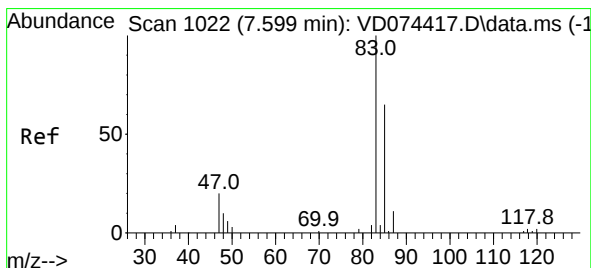
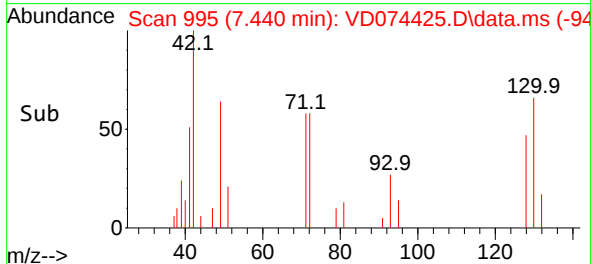
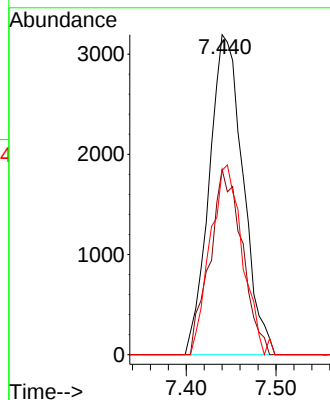
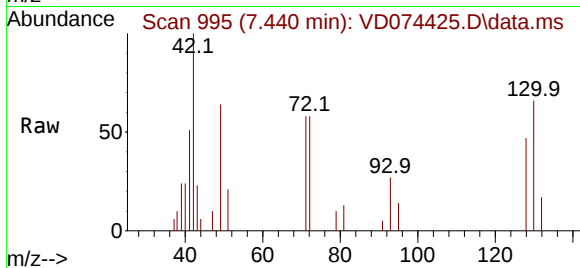
Ion	Ratio	Lower	Upper
42	100		
72	55.5	45.8	68.6
71	56.8	44.6	66.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#30

Chloroform

Concen: 21.367 ug/l

RT: 7.593 min Scan# 1021

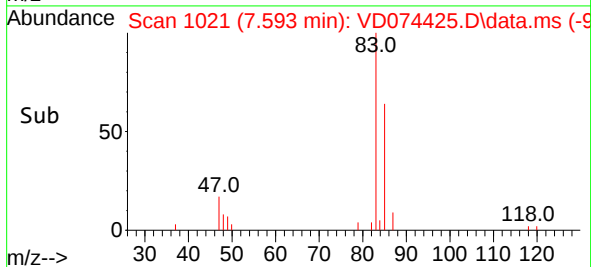
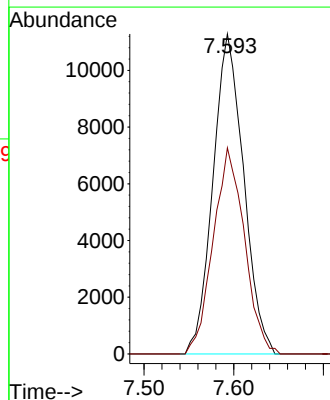
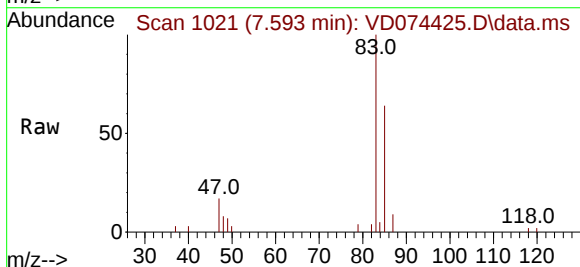
Delta R.T. -0.006 min

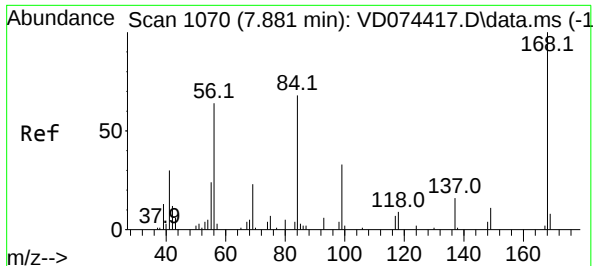
Lab File: VD074425.D

Acq: 26 Sep 2022 18:07

Tgt Ion: 83 Resp: 26790

Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.0	78.0





#31

Cyclohexane

Concen: 21.186 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD074425.D

Acq: 26 Sep 2022 18:07

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

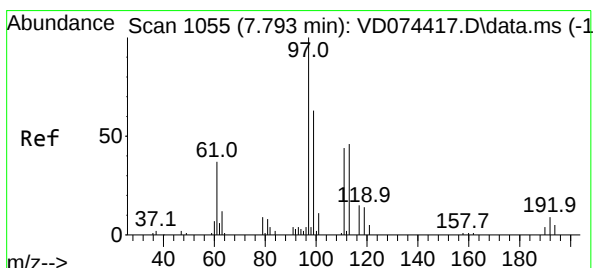
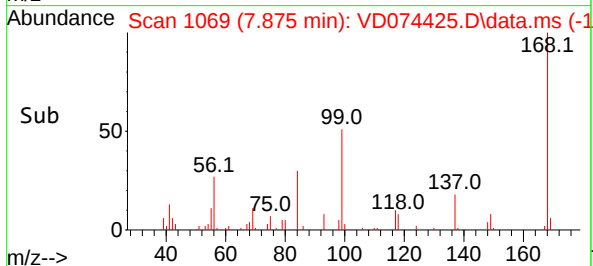
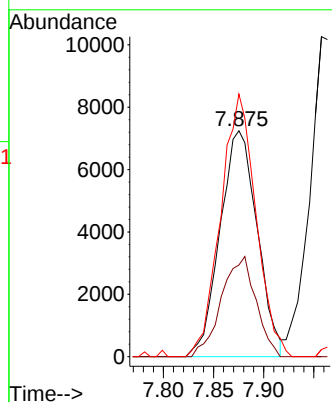
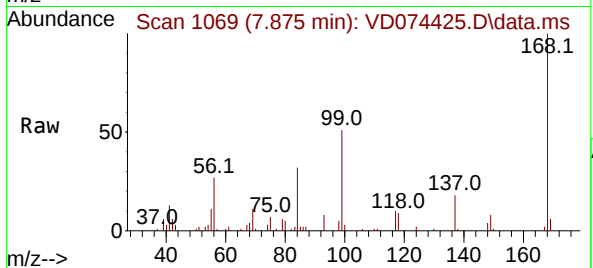
Tgt Ion:	56	Resp:	1868
Ion Ratio	Lower	Upper	
56	100		
69	40.5	29.2	43.8
84	116.2	83.4	125.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#32

1,1,1-Trichloroethane

Concen: 22.446 ug/l

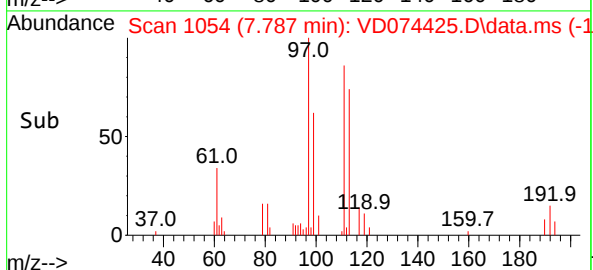
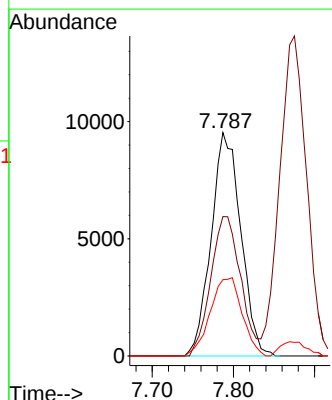
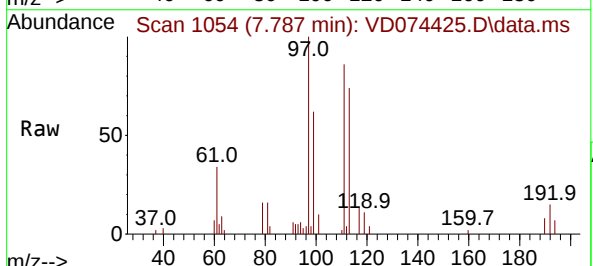
RT: 7.787 min Scan# 1054

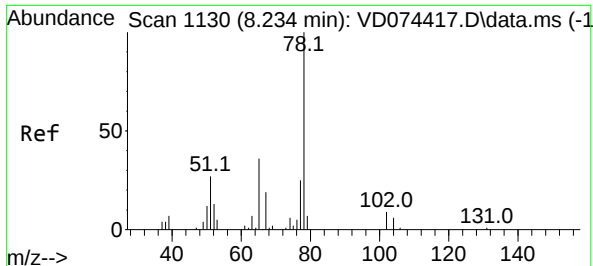
Delta R.T. -0.006 min

Lab File: VD074425.D

Acq: 26 Sep 2022 18:07

Tgt Ion:	97	Resp:	24155
Ion Ratio	Lower	Upper	
97	100		
99	63.7	53.3	79.9
61	37.5	30.2	45.4





#33

1,2-Dichloroethane-d4

Concen: 48.517 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074425.D

Acq: 26 Sep 2022 18:07

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion: 65 Resp: 25190

Ion Ratio Lower Upper

65 100

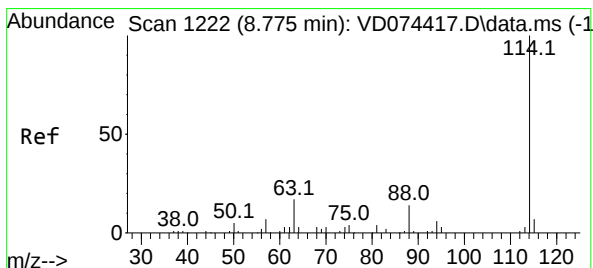
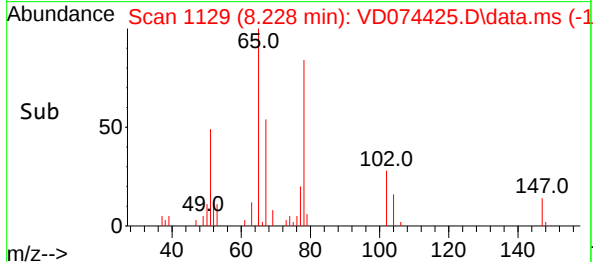
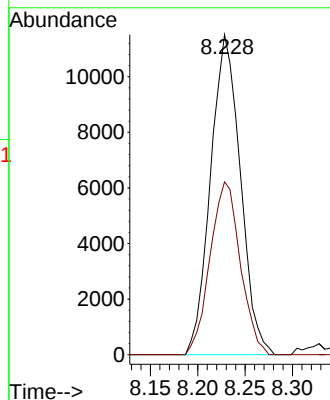
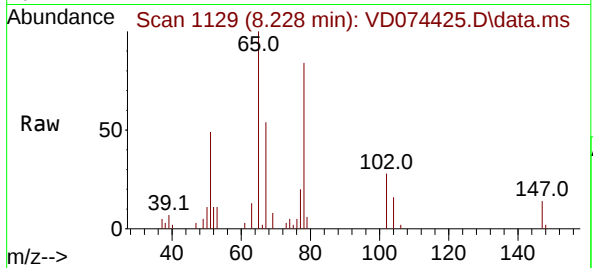
67 54.8 0.0 110.2

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: VD074425.D

Acq: 26 Sep 2022 18:07

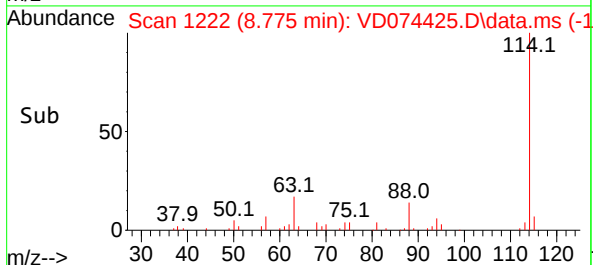
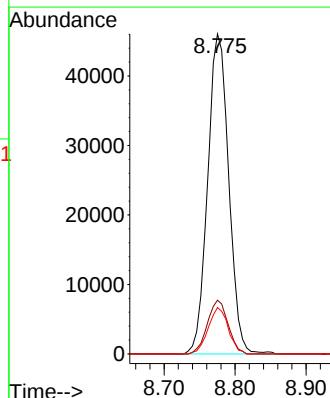
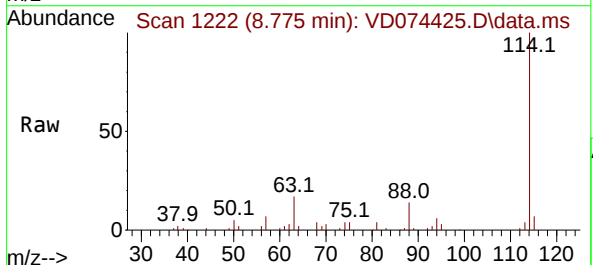
Tgt Ion:114 Resp: 94865

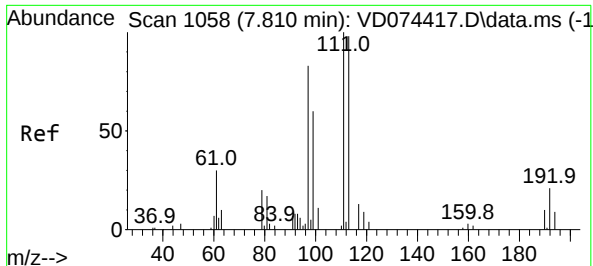
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.2

88 14.5 0.0 28.2





#35

Dibromofluoromethane

Concen: 50.869 ug/l

RT: 7.805 min Scan# 1058

Delta R.T. -0.005 min

Lab File: VD074425.D

Acq: 26 Sep 2022 18:07

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion: 113 Resp: 3244

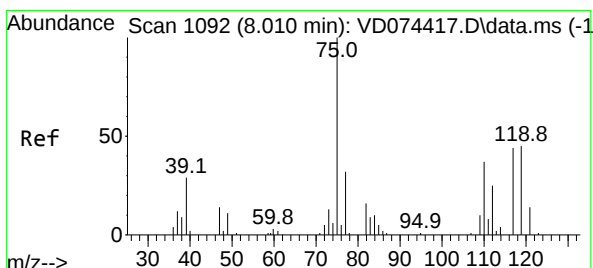
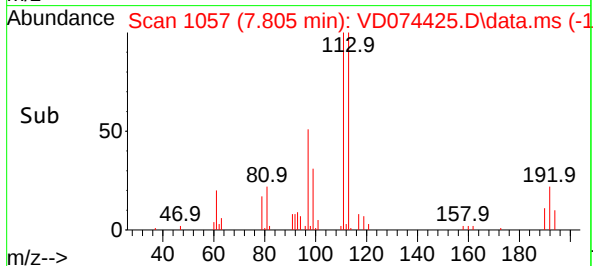
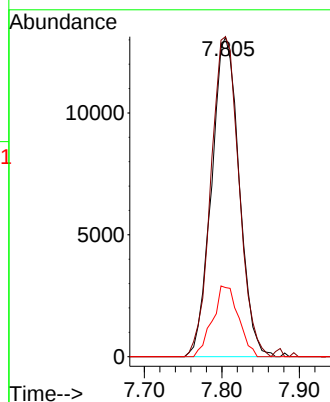
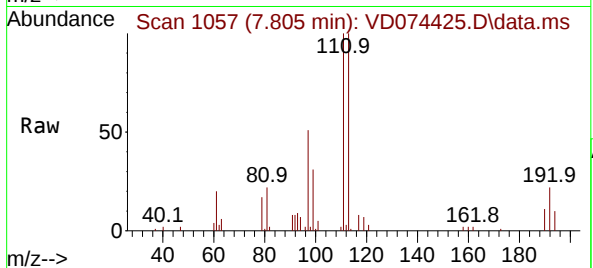
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.3	123.5
192	20.7	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#36

1,1-Dichloropropene

Concen: 22.690 ug/l

RT: 8.005 min Scan# 1091

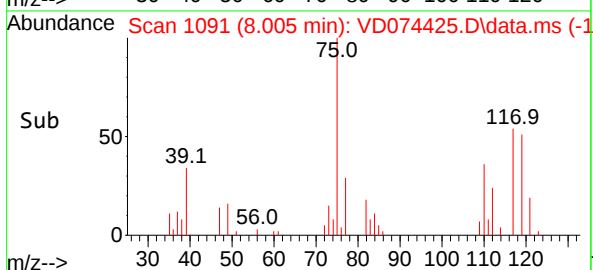
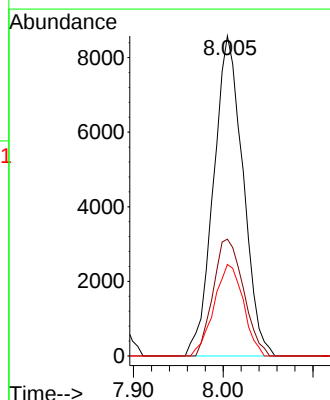
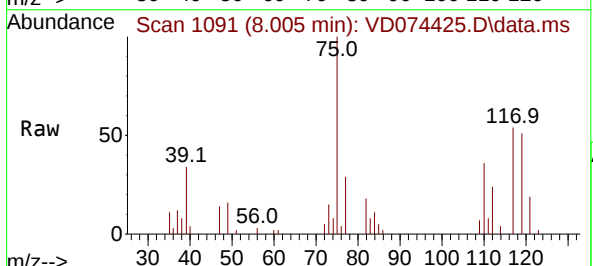
Delta R.T. -0.005 min

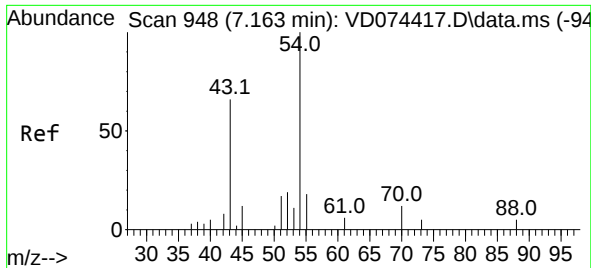
Lab File: VD074425.D

Acq: 26 Sep 2022 18:07

Tgt Ion: 75 Resp: 19546

Ion	Ratio	Lower	Upper
75	100		
110	37.5	19.7	59.0
77	28.5	25.4	38.2





#37

Ethyl Acetate

Concen: 22.076 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD074425.D

Acq: 26 Sep 2022 18:07

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion: 43 Resp: 626

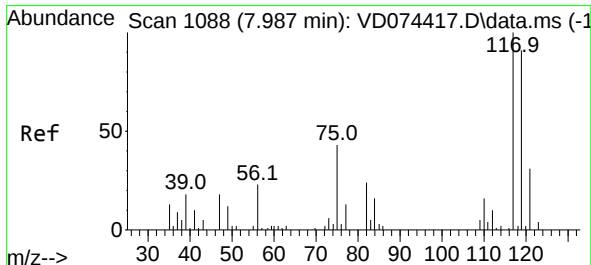
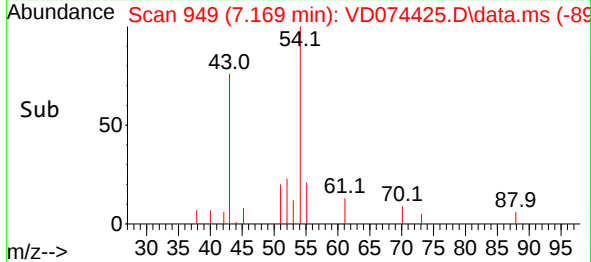
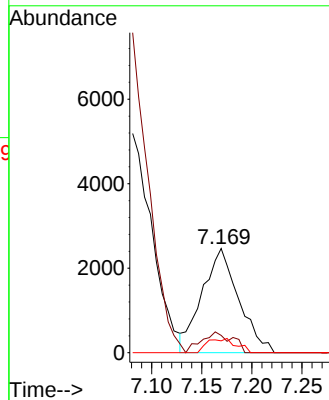
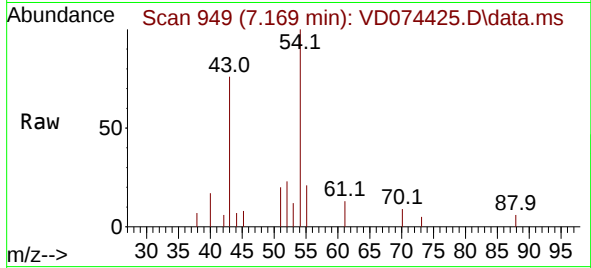
Ion	Ratio	Lower	Upper
43	100		
61	16.6	12.2	18.4
70	10.6	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#38

Carbon Tetrachloride

Concen: 22.148 ug/l

RT: 7.987 min Scan# 1088

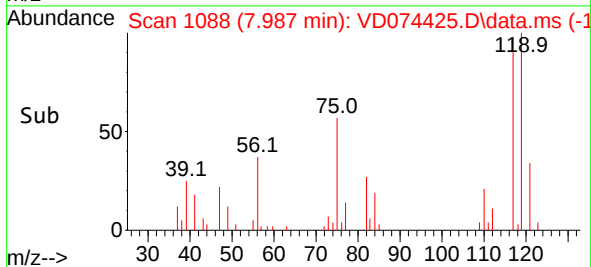
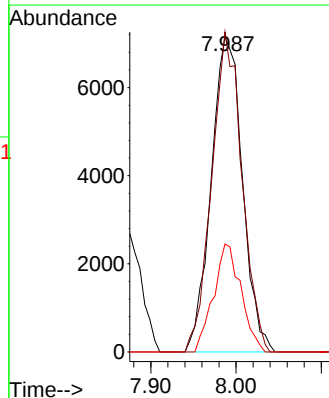
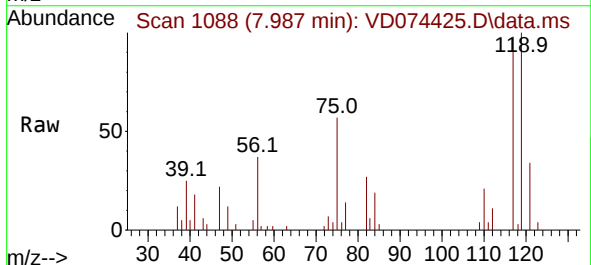
Delta R.T. 0.000 min

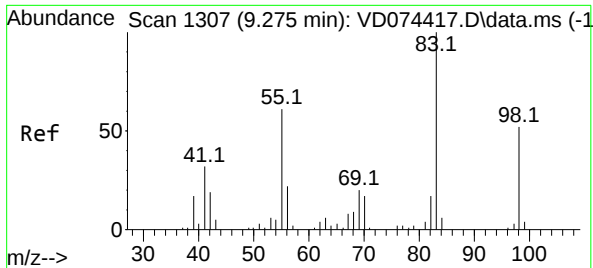
Lab File: VD074425.D

Acq: 26 Sep 2022 18:07

Tgt Ion:117 Resp: 18258

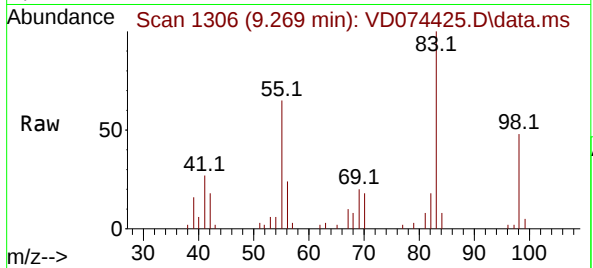
Ion	Ratio	Lower	Upper
117	100		
119	101.6	73.1	109.7
121	34.3	25.0	37.6





#39
Methylcyclohexane
Concen: 21.515 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

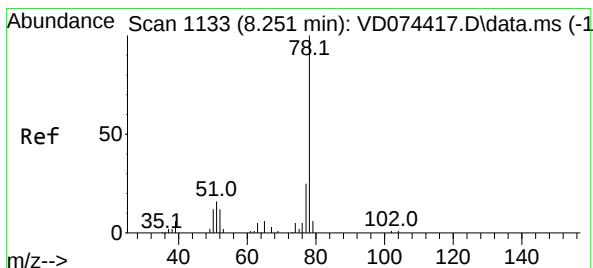
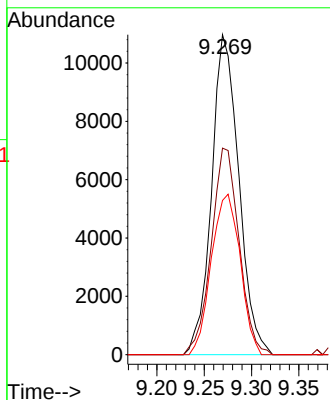
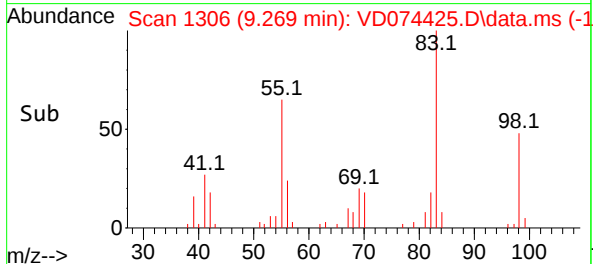
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



Tgt Ion: 83 Resp: 2196
Ion Ratio Lower Upper
83 100
55 64.5 49.0 73.4
98 48.2 41.7 62.5

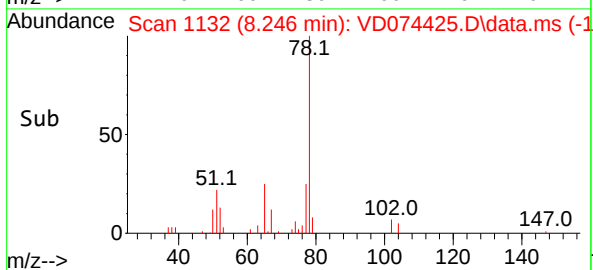
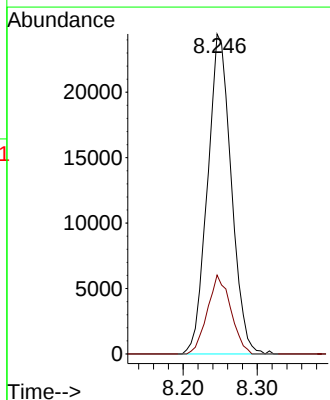
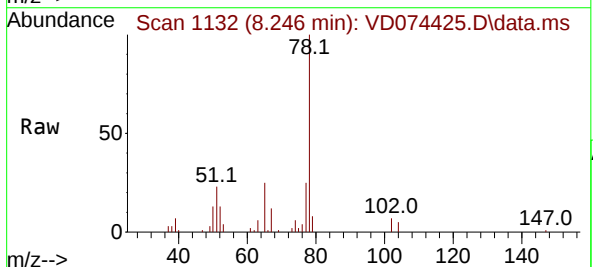
Manual Integrations
APPROVED

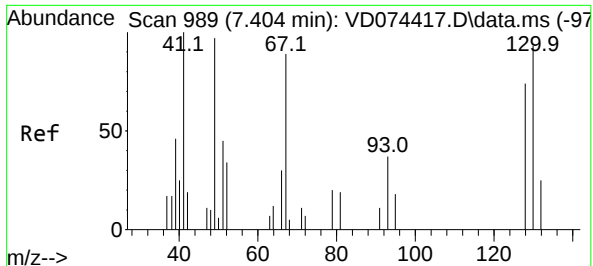
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#40
Benzene
Concen: 21.343 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

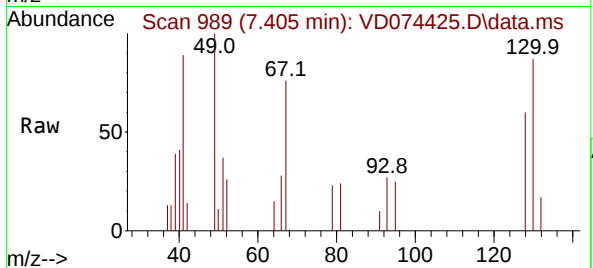
Tgt Ion: 78 Resp: 54277
Ion Ratio Lower Upper
78 100
77 24.7 20.1 30.1





#41
Methacrylonitrile
Concen: 19.399 ug/l m
RT: 7.405 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

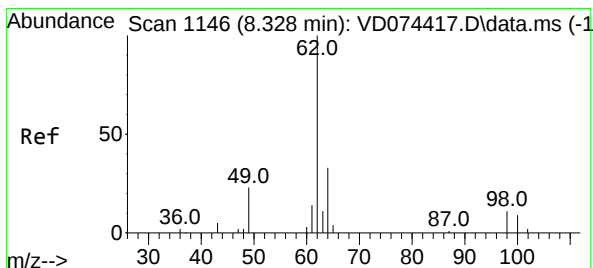
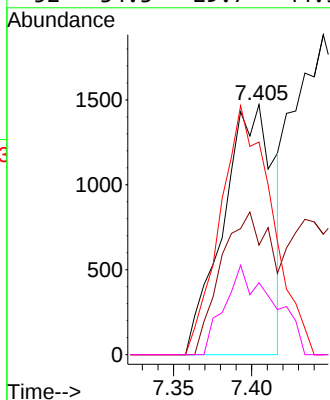
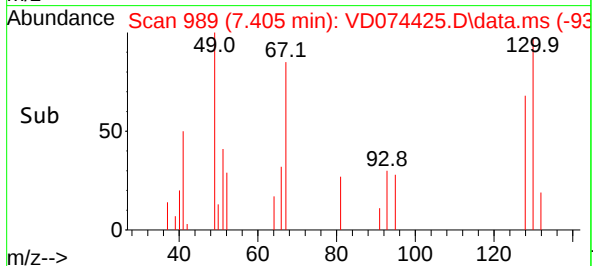
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



Tgt Ion: 41 Resp: 332
Ion Ratio Lower Upper
41 100
39 56.2 35.0 52.6
67 101.7 77.0 115.6
52 34.3 29.7 44.5

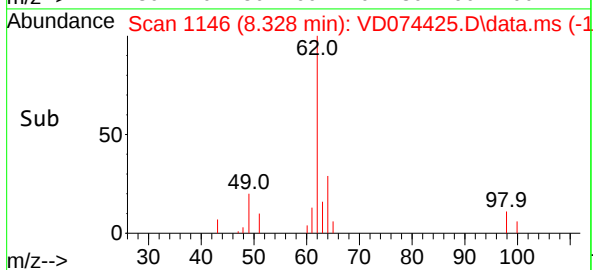
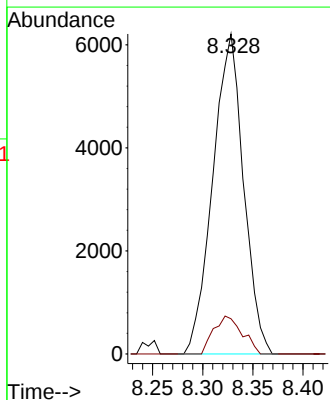
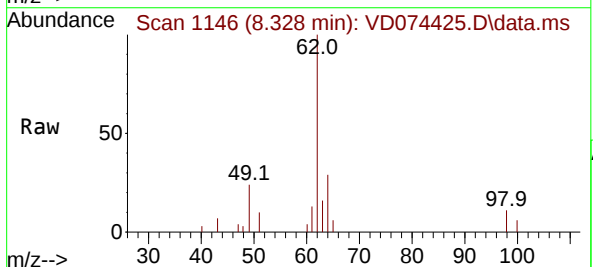
Manual Integrations
APPROVED

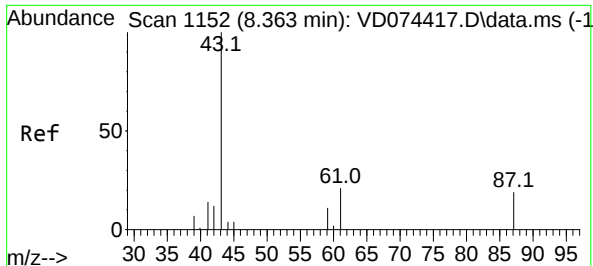
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#42
1,2-Dichloroethane
Concen: 20.715 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

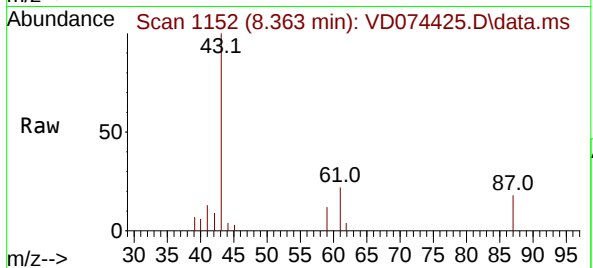
Tgt Ion: 62 Resp: 13217
Ion Ratio Lower Upper
62 100
98 11.0 0.0 24.2





#43
Isopropyl Acetate
Concen: 20.810 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

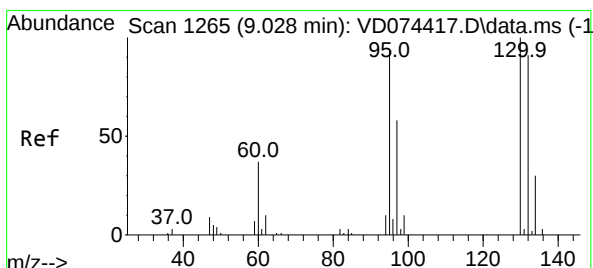
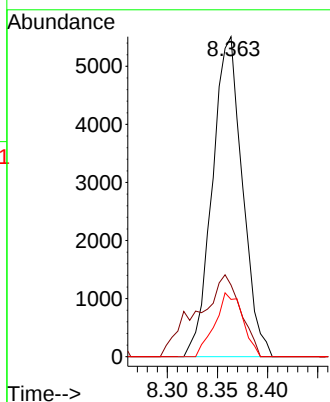
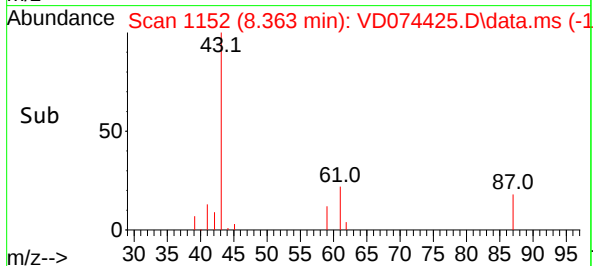
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



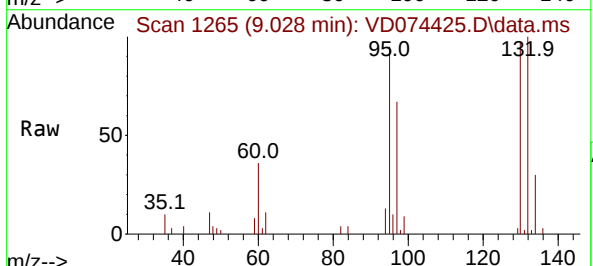
Tgt Ion: 43 Resp: 11485
Ion Ratio Lower Upper
43 100
61 36.9 30.9 46.3
87 18.5 14.3 21.5

Manual Integrations
APPROVED

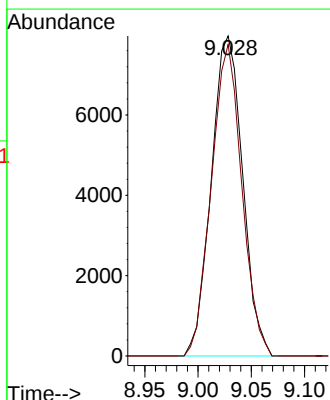
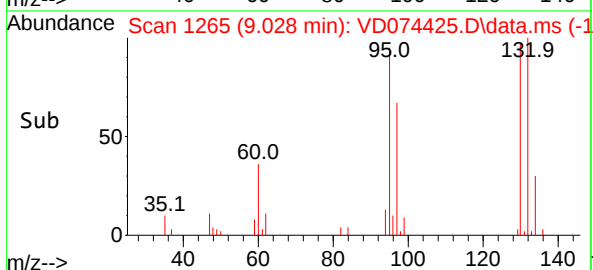
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

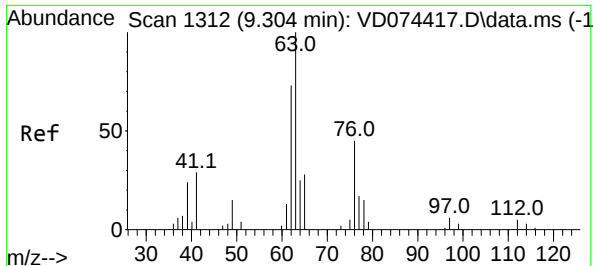


#44
Trichloroethene
Concen: 20.954 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07



Tgt Ion:130 Resp: 16299
Ion Ratio Lower Upper
130 100
95 97.4 0.0 185.4





#45

1,2-Dichloropropane

Concen: 21.533 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD074425.D

Acq: 26 Sep 2022 18:07

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion: 63 Resp: 1298

Ion Ratio Lower Upper

63 100

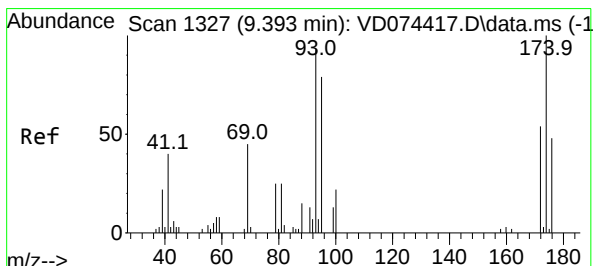
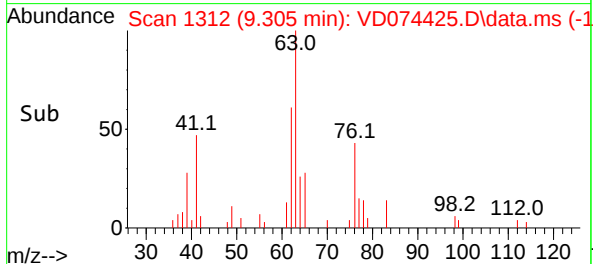
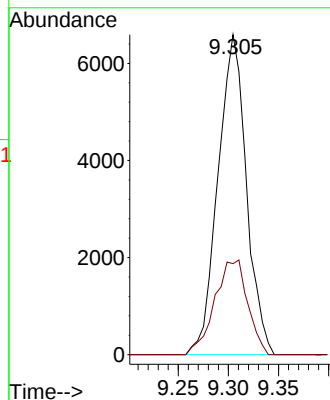
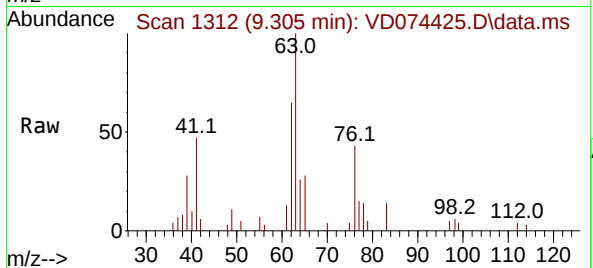
65 28.5 23.1 34.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#46

Dibromomethane

Concen: 22.308 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD074425.D

Acq: 26 Sep 2022 18:07

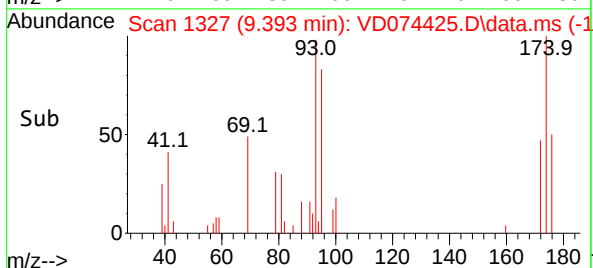
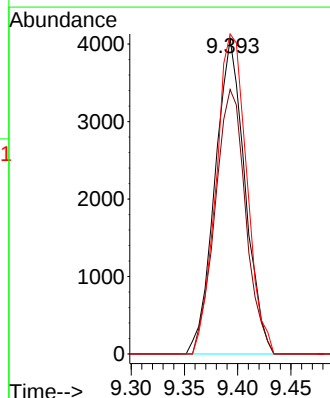
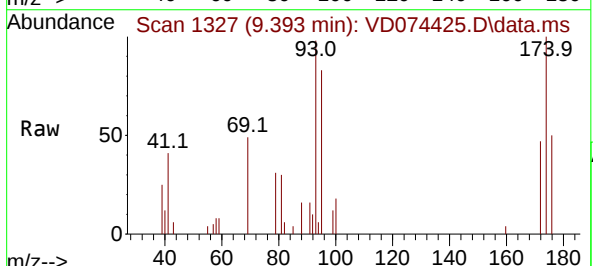
Tgt Ion: 93 Resp: 7948

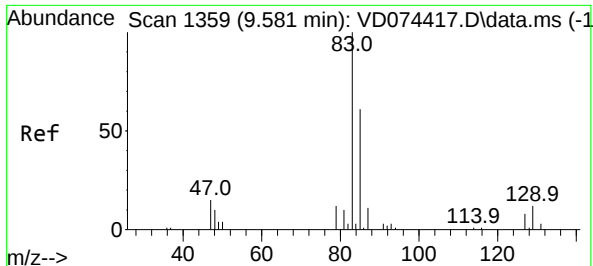
Ion Ratio Lower Upper

93 100

95 85.5 68.2 102.2

174 104.0 87.4 131.0





#47

Bromodichloromethane

Concen: 20.731 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VD074425.D

Acq: 26 Sep 2022 18:07

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

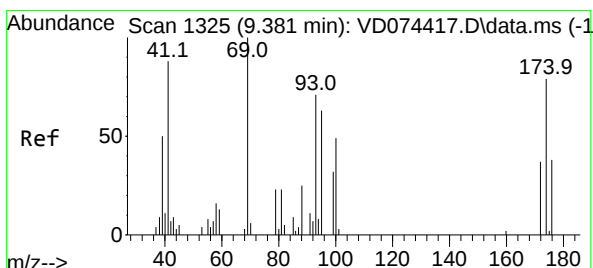
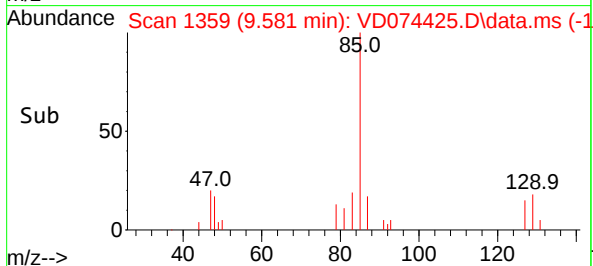
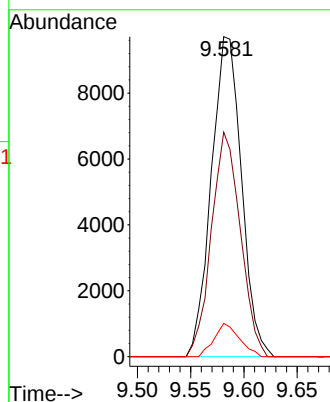
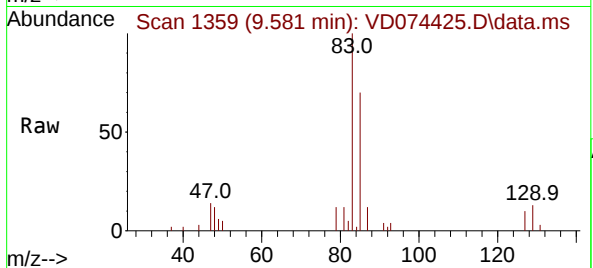
Tgt Ion:	83	Resp:	1910
Ion	Ratio	Lower	Upper
83	100		
85	70.2	48.8	73.2
127	10.4	6.7	10.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#48

Methyl methacrylate

Concen: 23.399 ug/l

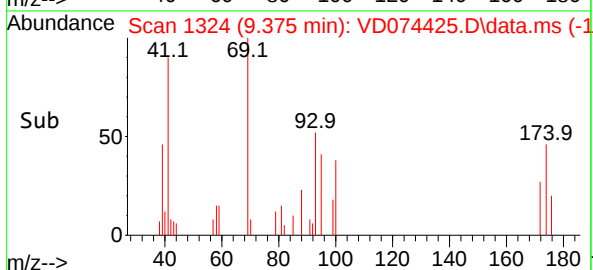
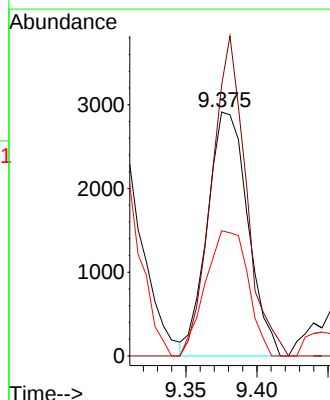
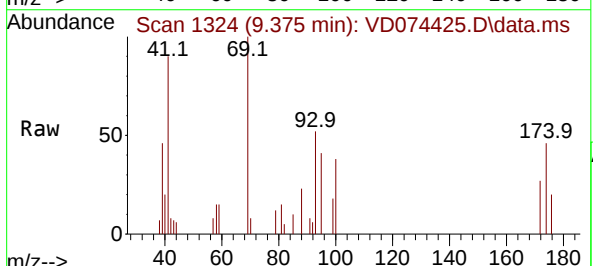
RT: 9.375 min Scan# 1324

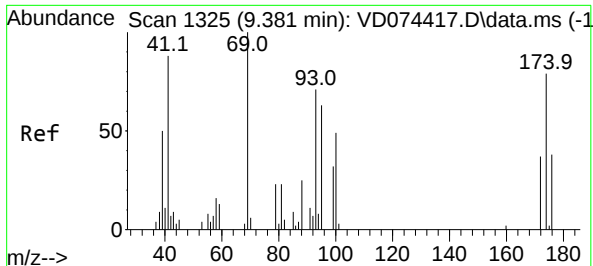
Delta R.T. -0.006 min

Lab File: VD074425.D

Acq: 26 Sep 2022 18:07

Tgt Ion:	41	Resp:	5768
Ion	Ratio	Lower	Upper
41	100		
69	111.3	93.0	139.4
39	53.9	44.6	66.8





#49

1,4-Dioxane

Concen: 406.219 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074425.D

Acq: 26 Sep 2022 18:07

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion: 88 Resp: 1500

Ion Ratio Lower Upper

88 100

43 26.7 24.1 36.1

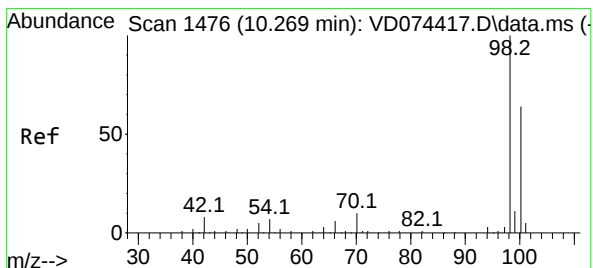
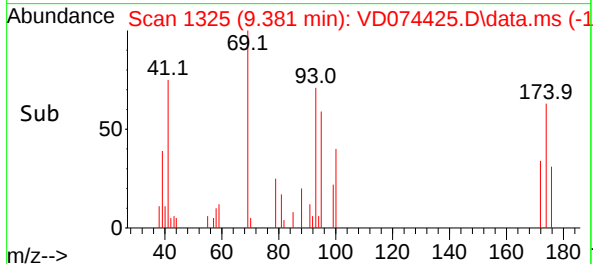
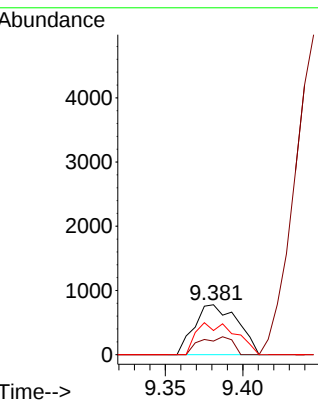
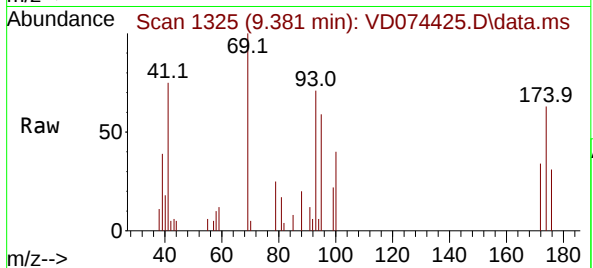
58 58.4 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#50

Toluene-d8

Concen: 53.429 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074425.D

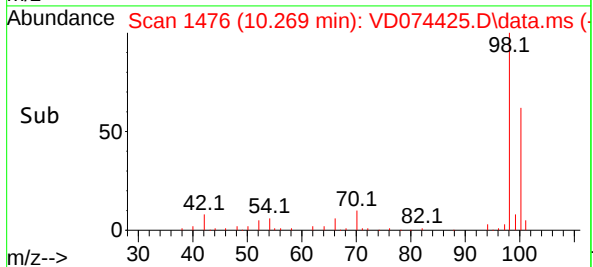
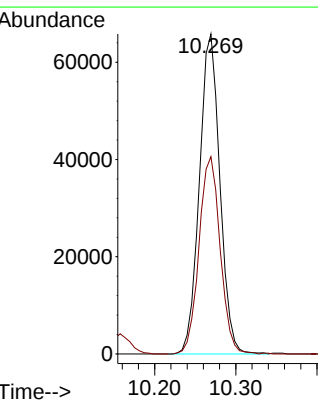
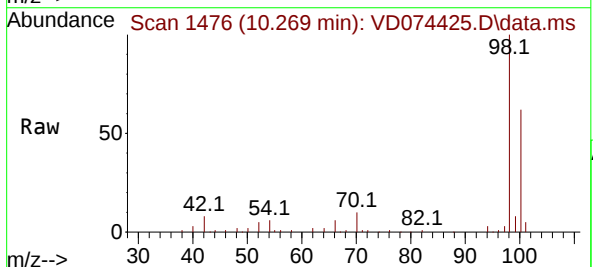
Acq: 26 Sep 2022 18:07

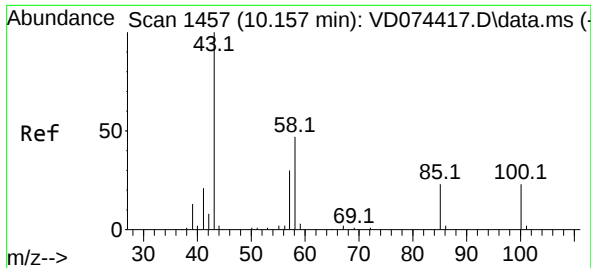
Tgt Ion: 98 Resp: 115264

Ion Ratio Lower Upper

98 100

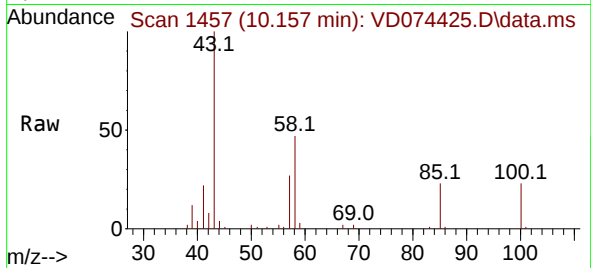
100 63.6 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 106.323 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

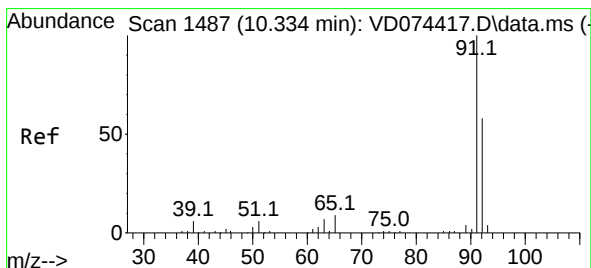
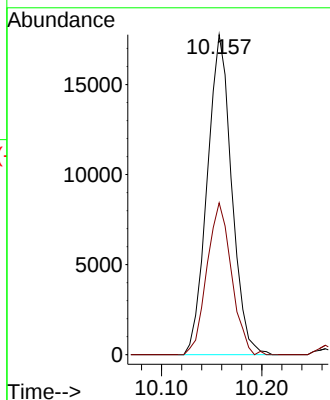
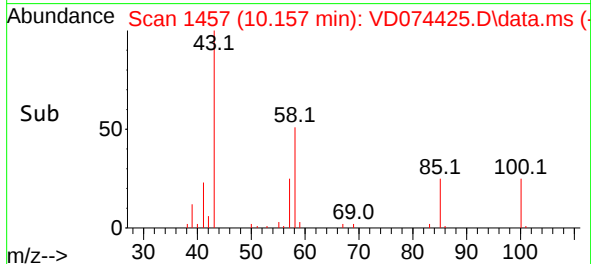
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



Tgt Ion: 43 Resp: 30150
Ion Ratio Lower Upper
43 100
58 47.6 37.8 56.6

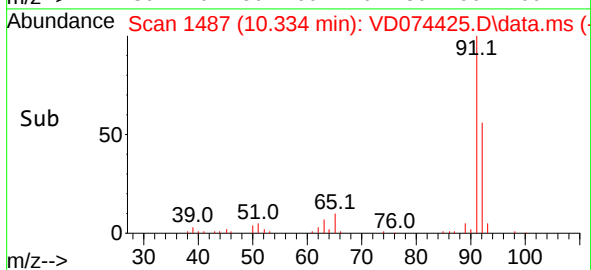
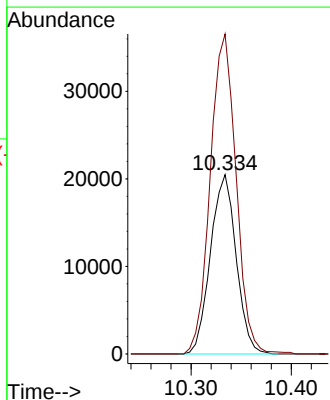
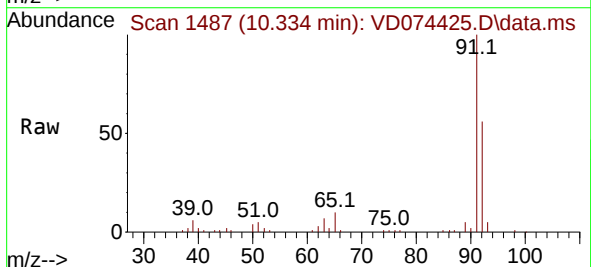
Manual Integrations
APPROVED

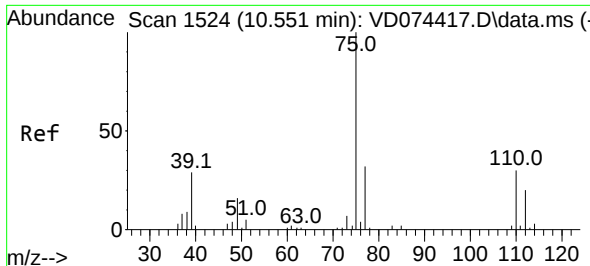
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#52
Toluene
Concen: 22.166 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

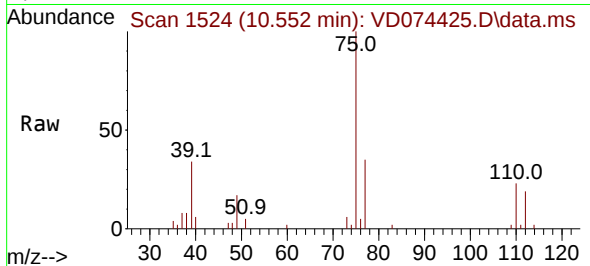
Tgt Ion: 92 Resp: 36434
Ion Ratio Lower Upper
92 100
91 179.8 139.0 208.4





#53
 t-1,3-Dichloropropene
 Concen: 20.948 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD074425.D
 Acq: 26 Sep 2022 18:07

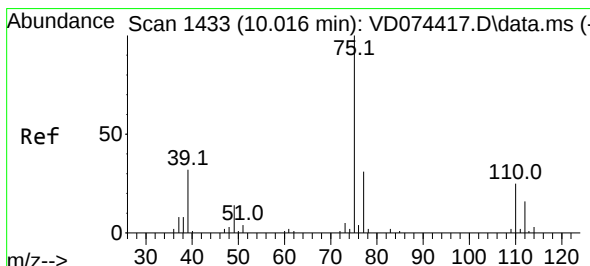
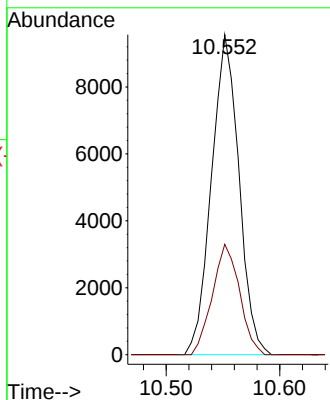
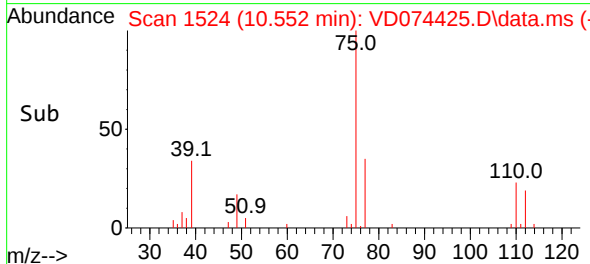
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0926SBS01



Tgt Ion: 75 Resp: 1604
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.6 38.4

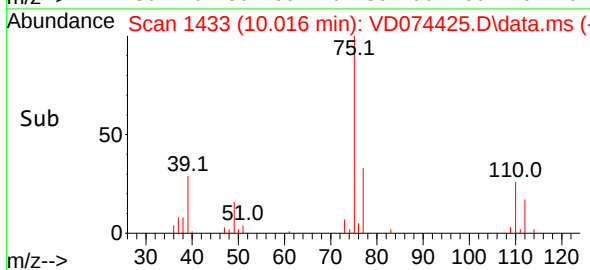
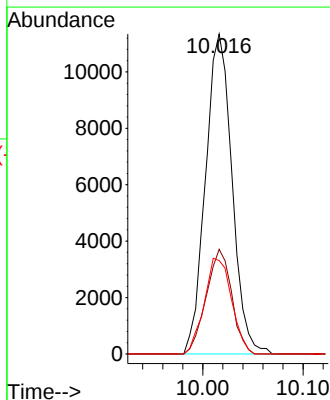
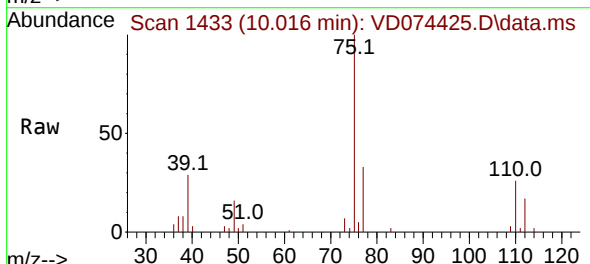
Manual Integrations
 APPROVED

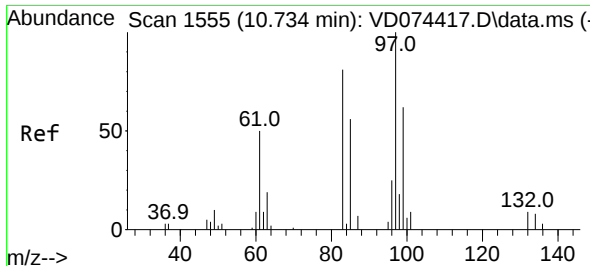
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022



#54
 cis-1,3-Dichloropropene
 Concen: 21.347 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD074425.D
 Acq: 26 Sep 2022 18:07

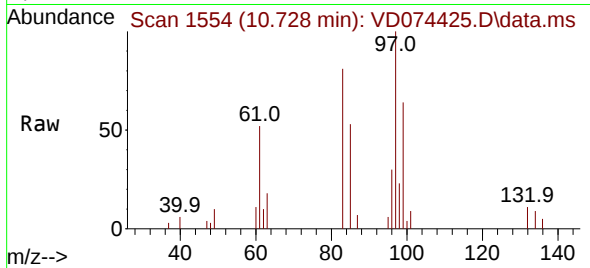
Tgt Ion: 75 Resp: 20864
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.7 37.1
 39 29.2 25.4 38.2





#55
1,1,2-Trichloroethane
Concen: 22.322 ug/l
RT: 10.728 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

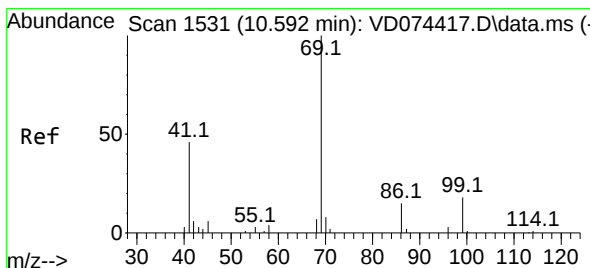
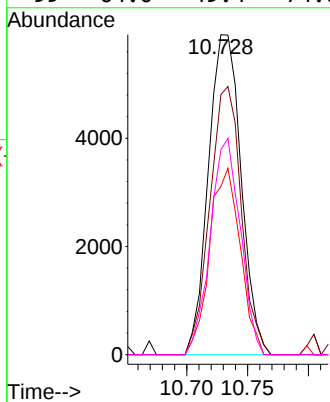
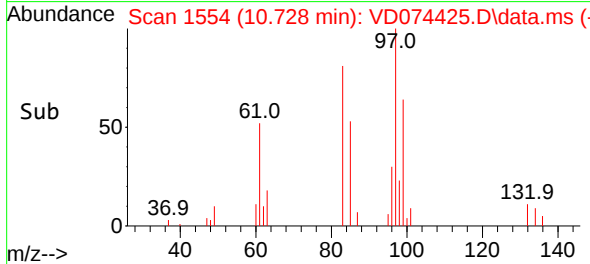
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



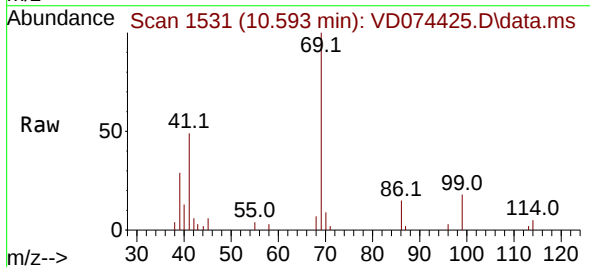
Tgt Ion:	97	Resp:	1107
Ion	Ratio	Lower	Upper
97	100		
83	81.3	64.8	97.2
85	52.6	44.8	67.2
99	64.0	49.4	74.0

Manual Integrations
APPROVED

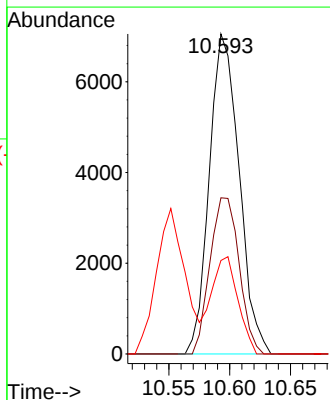
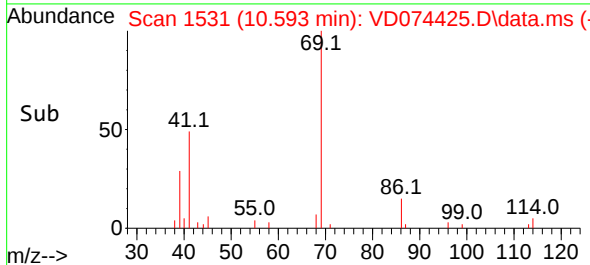
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

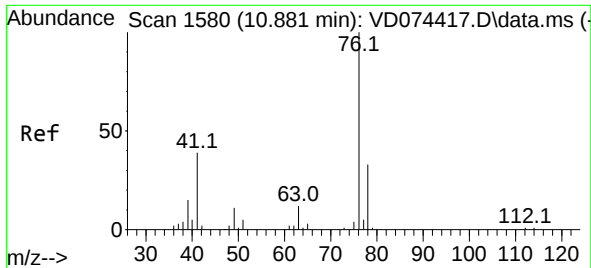


#56
Ethyl methacrylate
Concen: 21.574 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07



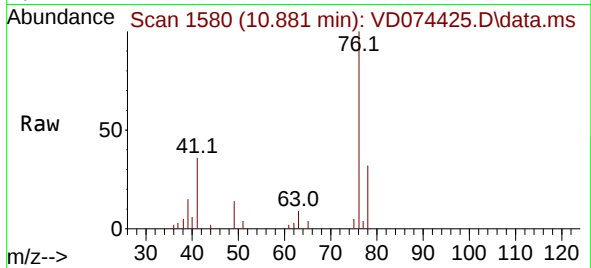
Tgt Ion:	69	Resp:	12005
Ion	Ratio	Lower	Upper
69	100		
41	47.8	38.6	58.0
39	27.4	19.9	29.9





#57
1,3-Dichloropropane
Concen: 21.983 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

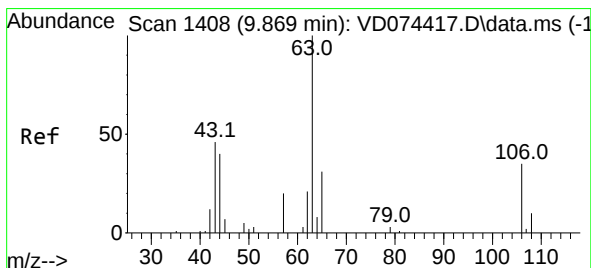
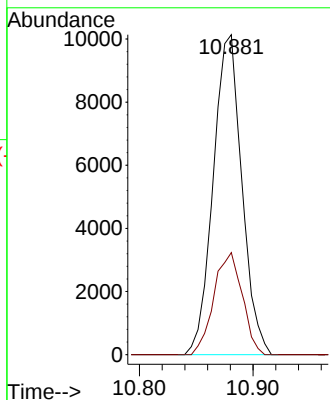
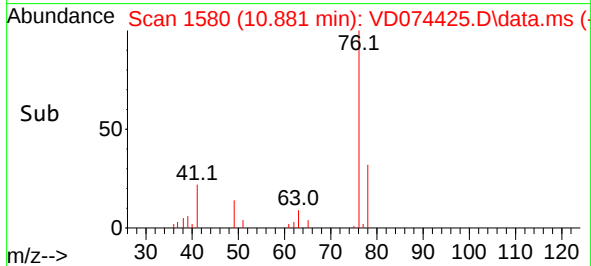
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



Tgt Ion: 76 Resp: 17778
Ion Ratio Lower Upper
76 100
78 31.6 25.7 38.5

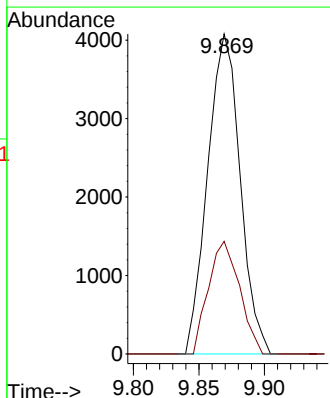
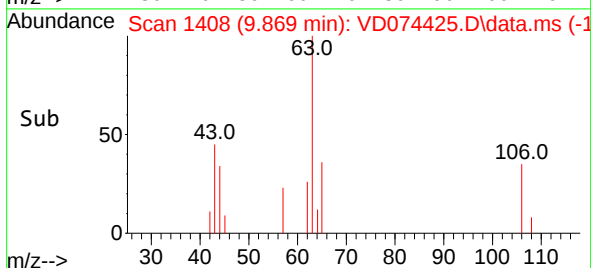
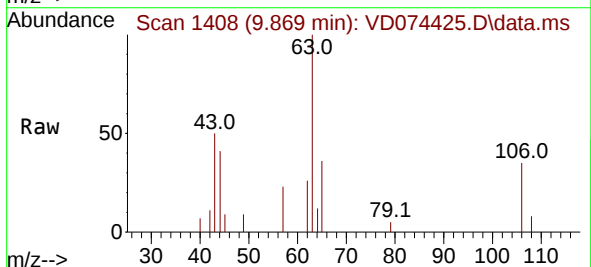
Manual Integrations
APPROVED

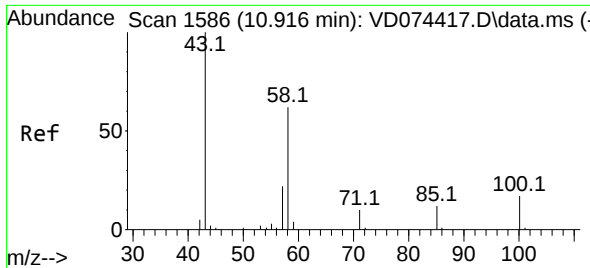
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#58
2-Chloroethyl Vinyl ether
Concen: 99.062 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

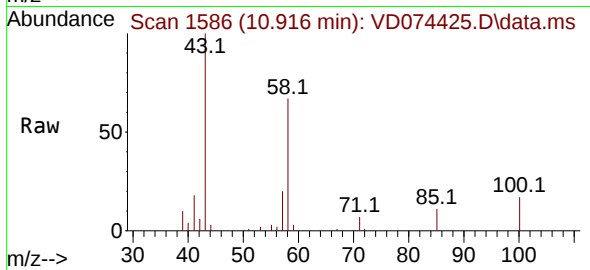
Tgt Ion: 63 Resp: 7029
Ion Ratio Lower Upper
63 100
106 33.8 26.5 39.7





#59
2-Hexanone
Concen: 108.114 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

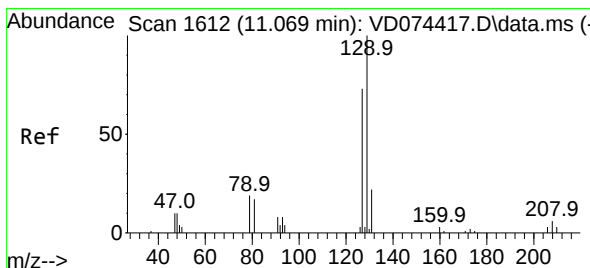
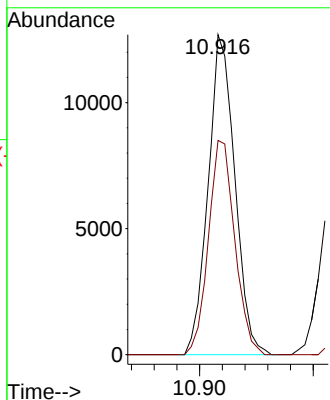
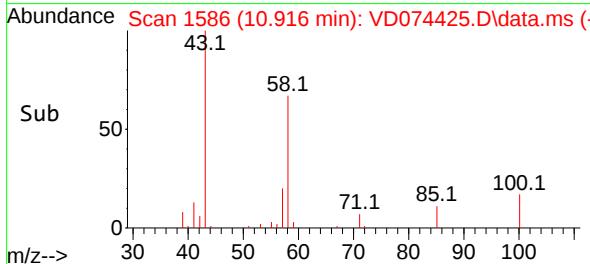
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



Tgt Ion: 43 Resp: 20690
Ion Ratio Lower Upper
43 100
58 66.2 32.0 96.2

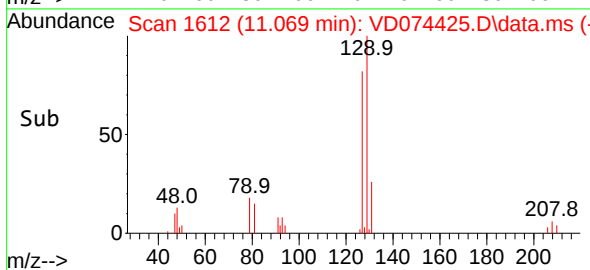
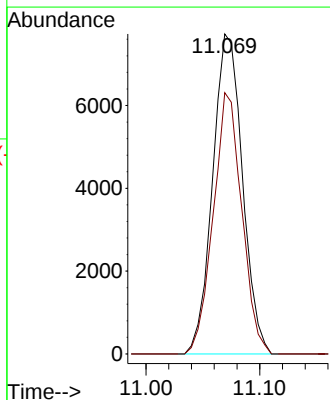
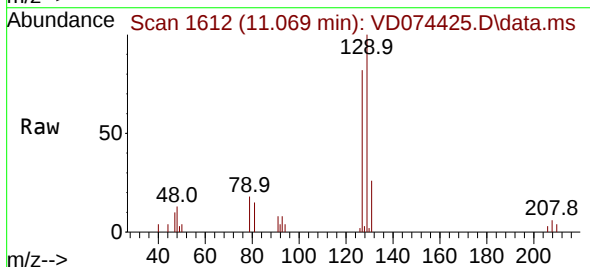
Manual Integrations
APPROVED

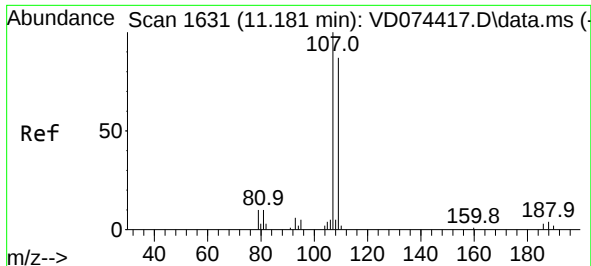
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#60
Dibromochloromethane
Concen: 22.664 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Tgt Ion:129 Resp: 14080
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2





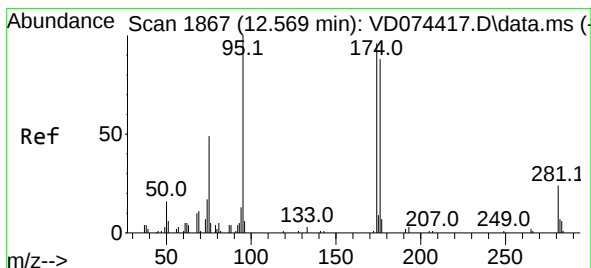
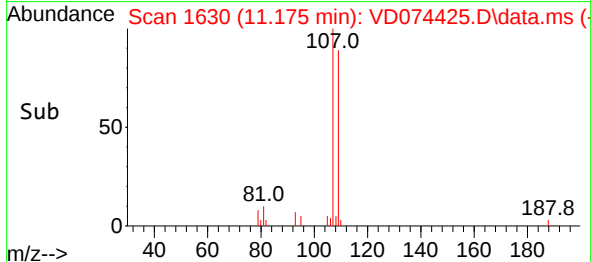
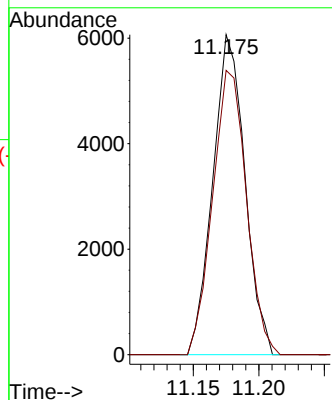
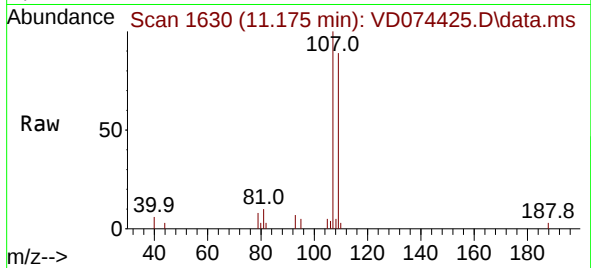
#61
1,2-Dibromoethane
Concen: 21.375 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01

Tgt Ion:107 Resp: 1030
Ion Ratio Lower Upper
107 100
109 93.6 74.6 111.8

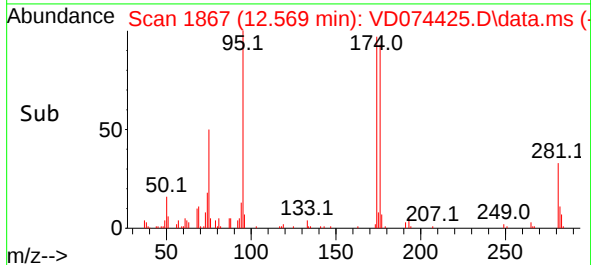
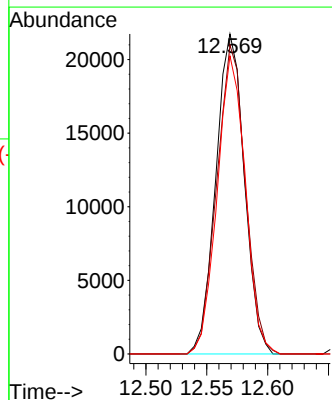
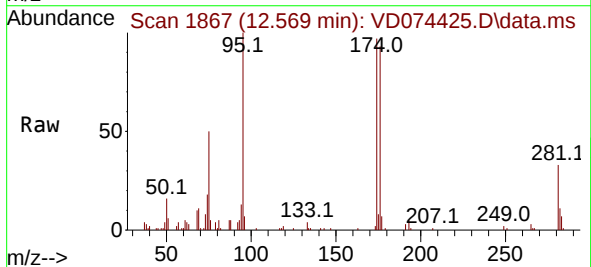
Manual Integrations
APPROVED

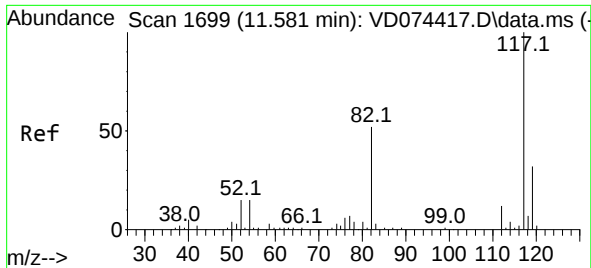
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#62
4-Bromofluorobenzene
Concen: 46.519 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

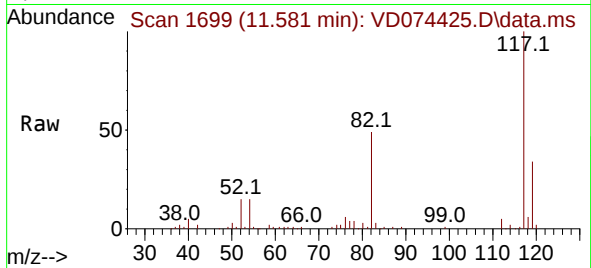
Tgt Ion: 95 Resp: 35351
Ion Ratio Lower Upper
95 100
174 97.0 0.0 197.0
176 92.2 0.0 182.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

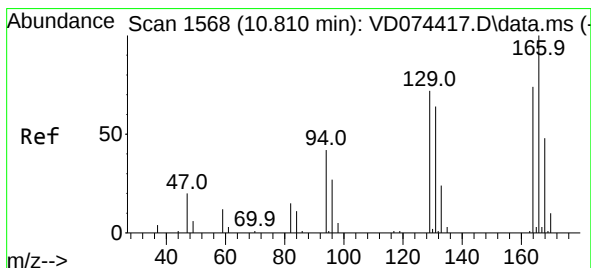
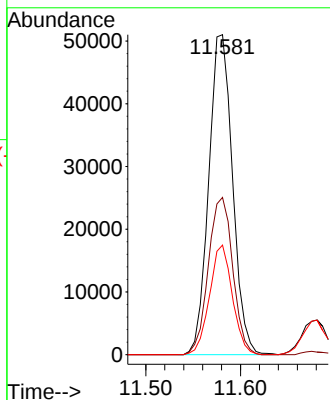
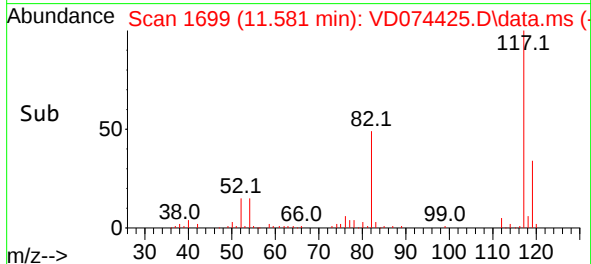
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



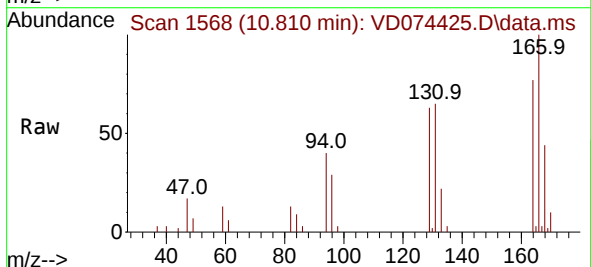
Tgt Ion:117 Resp: 89310
Ion Ratio Lower Upper
117 100
82 49.2 41.6 62.4
119 34.2 25.2 37.8

Manual Integrations
APPROVED

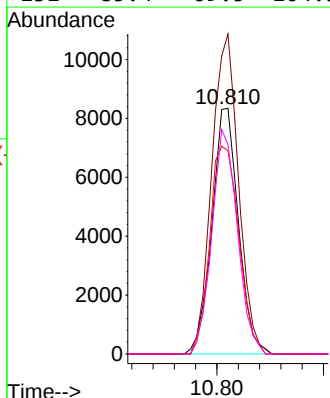
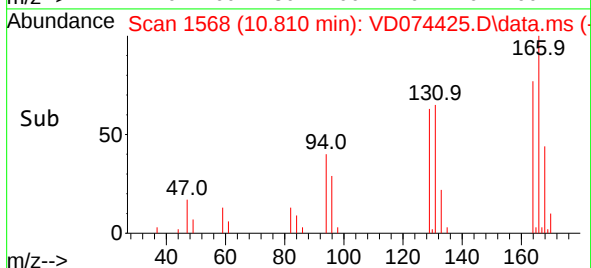
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

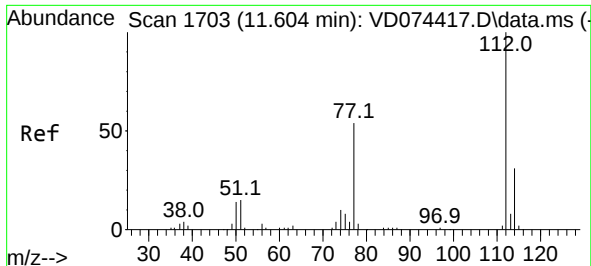


#64
Tetrachloroethene
Concen: 20.782 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07



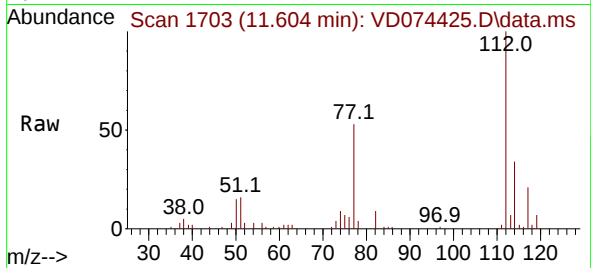
Tgt Ion:164 Resp: 14394
Ion Ratio Lower Upper
164 100
166 130.3 107.8 161.8
129 82.7 77.4 116.2
131 85.4 69.5 104.3





#65
Chlorobenzene
Concen: 21.112 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

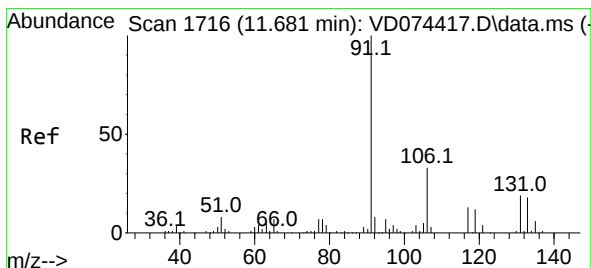
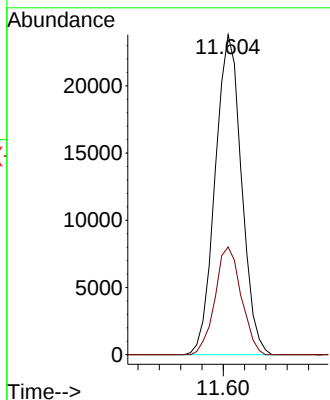
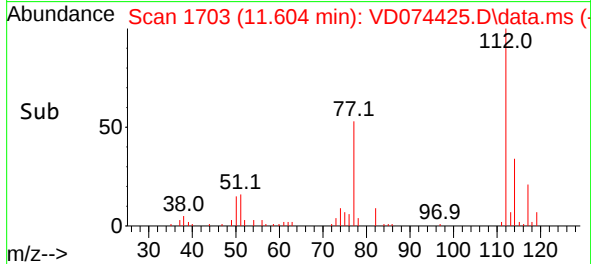
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



Tgt Ion:112 Resp: 40830
Ion Ratio Lower Upper
112 100
114 33.7 25.1 37.7

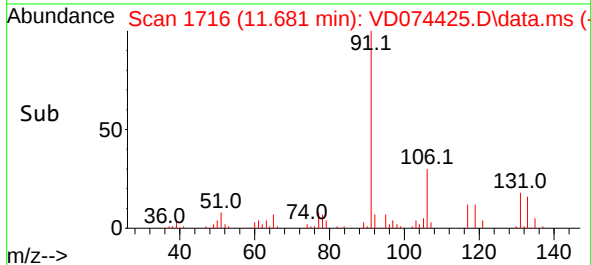
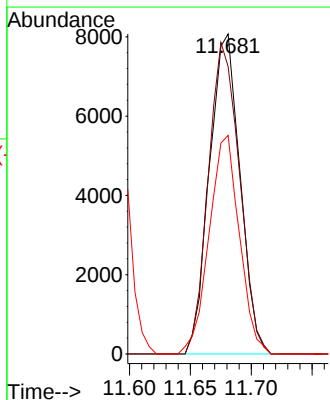
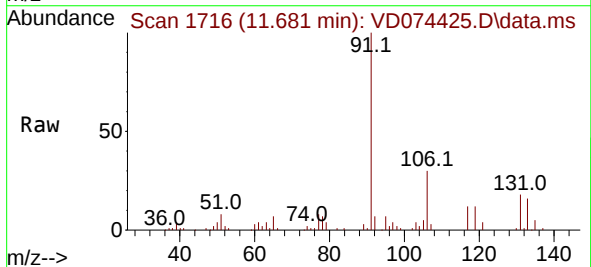
Manual Integrations
APPROVED

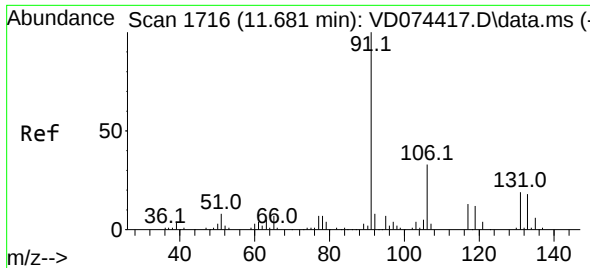
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.195 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Tgt Ion:131 Resp: 14140
Ion Ratio Lower Upper
131 100
133 98.5 46.6 139.8
119 67.4 32.5 97.4





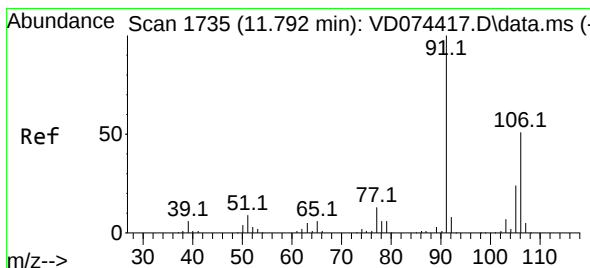
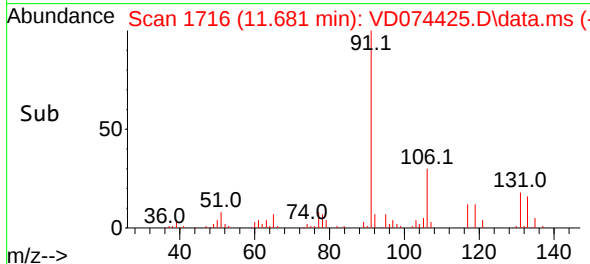
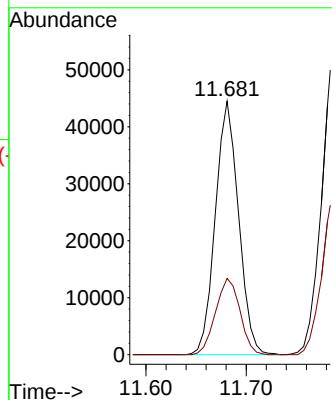
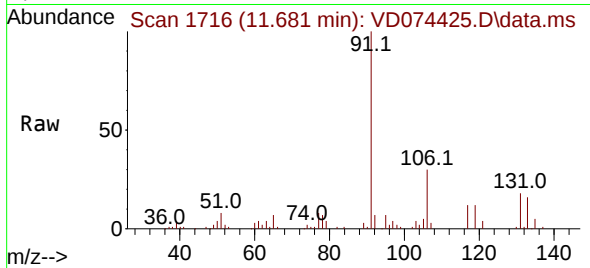
#67
Ethyl Benzene
Concen: 21.016 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01

Tgt Ion: 91 Resp: 71519
Ion Ratio Lower Upper
91 100
106 30.1 26.6 40.0

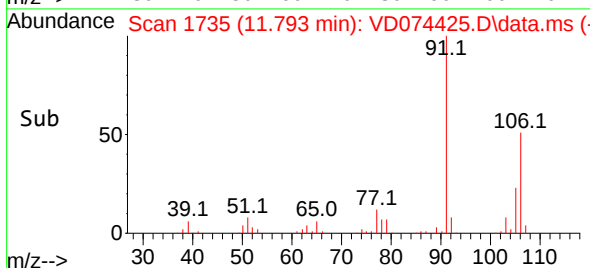
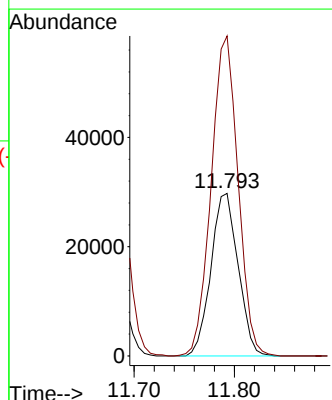
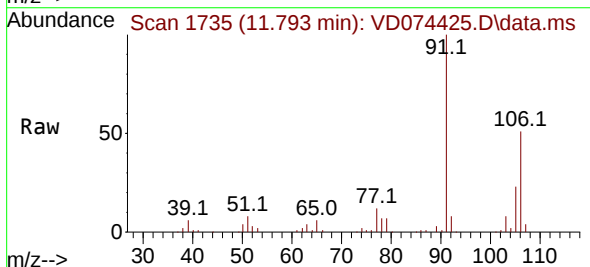
Manual Integrations
APPROVED

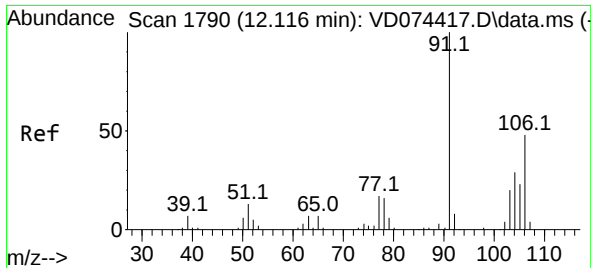
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#68
m/p-Xylenes
Concen: 41.939 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Tgt Ion:106 Resp: 56014
Ion Ratio Lower Upper
106 100
91 194.7 156.2 234.4





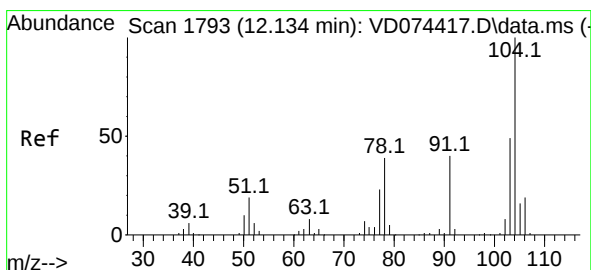
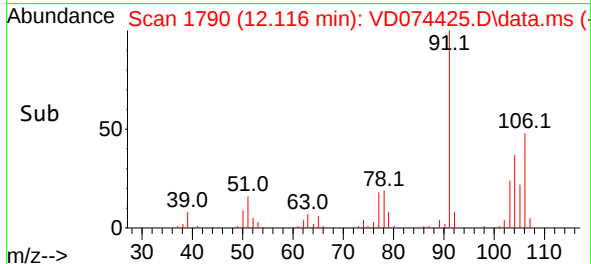
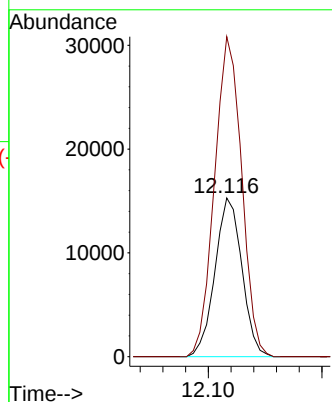
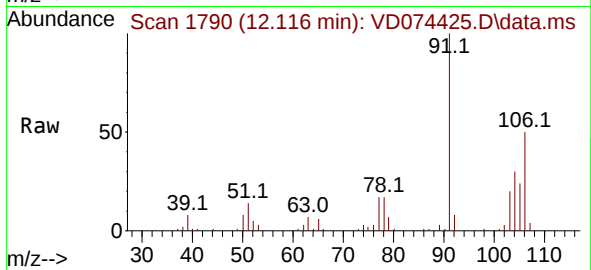
#69
o-Xylene
Concen: 20.336 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01

Tgt Ion:106 Resp: 25180
Ion Ratio Lower Upper
106 100
91 203.1 104.5 313.3

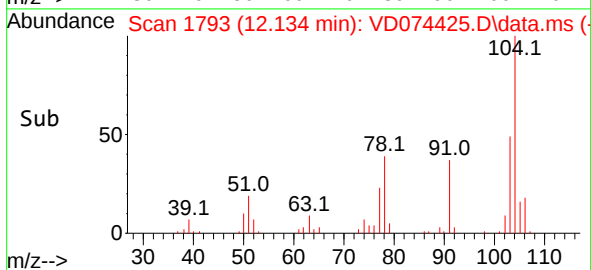
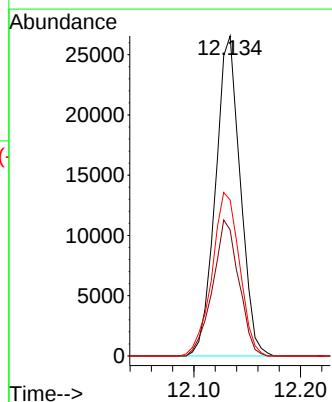
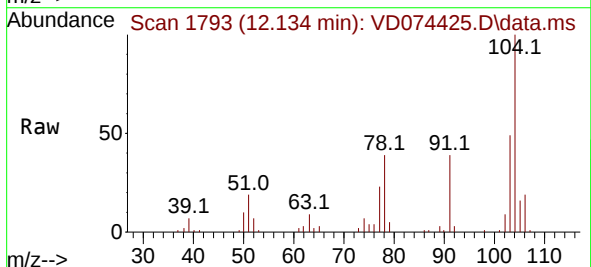
Manual Integrations
APPROVED

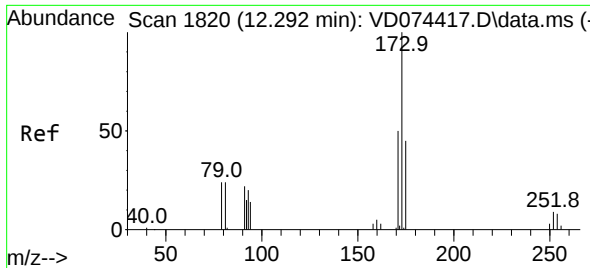
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#70
Styrene
Concen: 19.841 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

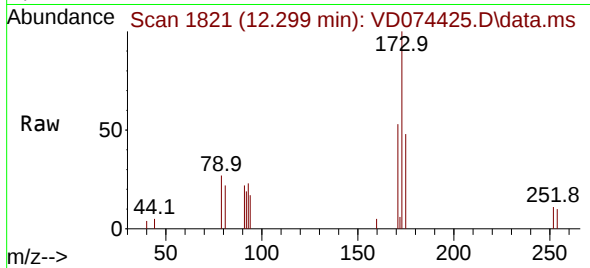
Tgt Ion:104 Resp: 42835
Ion Ratio Lower Upper
104 100
78 44.8 35.7 53.5
103 56.7 43.7 65.5





#71
Bromoform
Concen: 20.102 ug/l
RT: 12.299 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

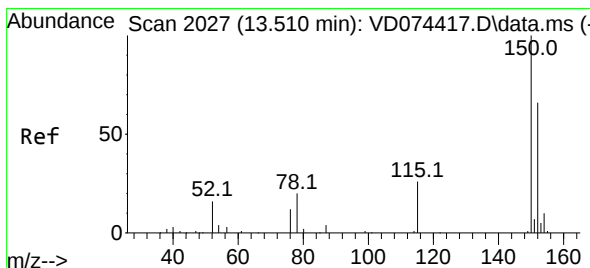
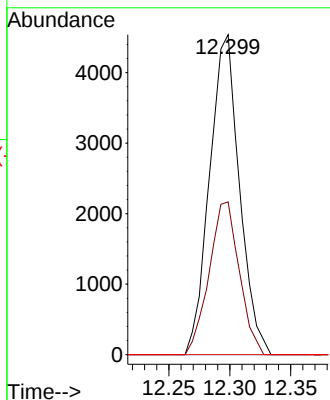
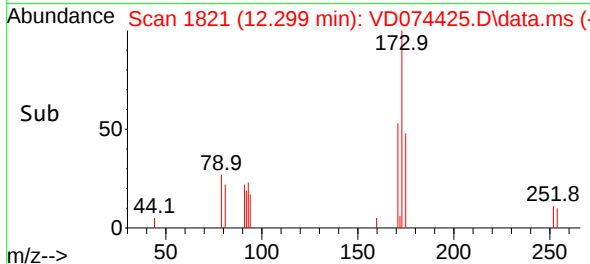
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



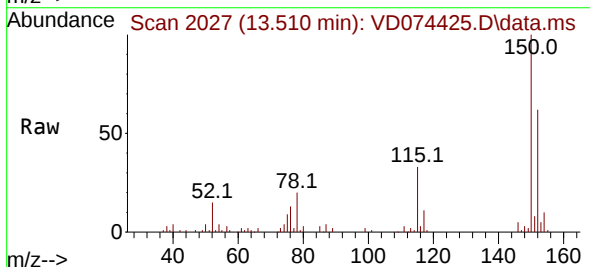
Tgt Ion:173 Resp: 7750
Ion Ratio Lower Upper
173 100
175 48.1 23.1 69.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

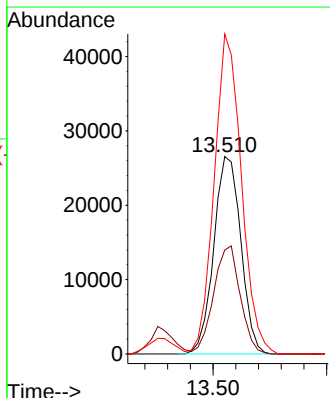
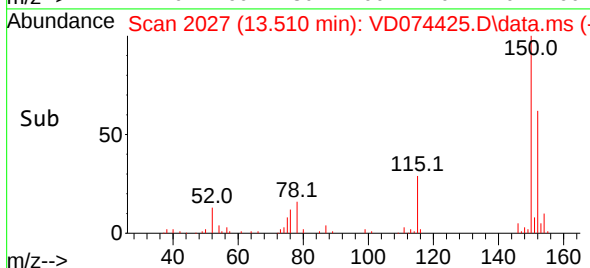
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

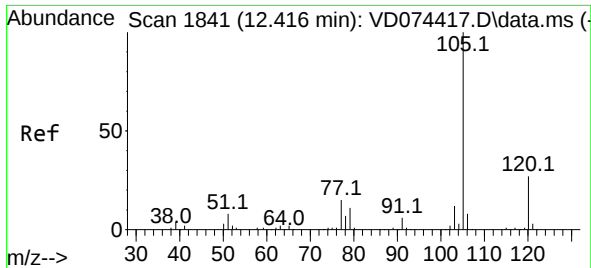


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07



Tgt Ion:152 Resp: 43960
Ion Ratio Lower Upper
152 100
115 53.8 26.8 80.4
150 163.2 0.0 348.2





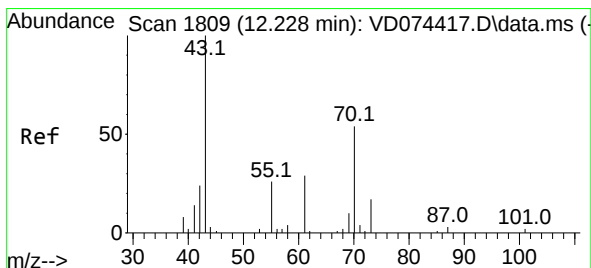
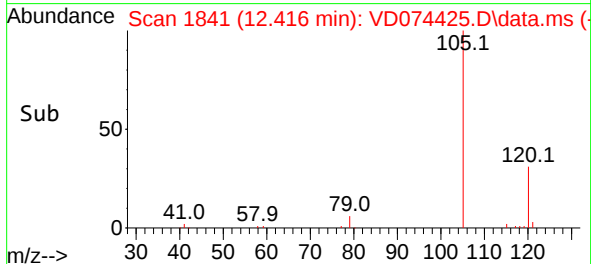
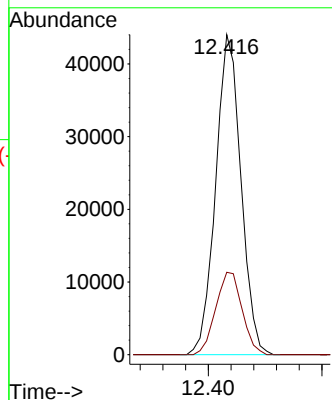
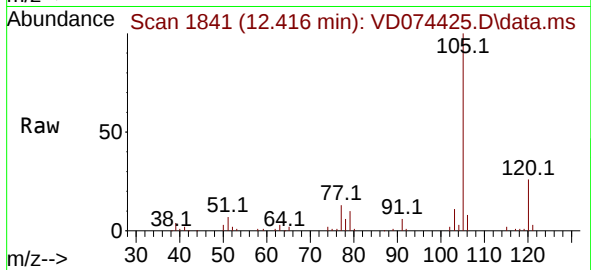
#73
Isopropylbenzene
Concen: 20.841 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01

Tgt Ion:105 Resp: 6801
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4

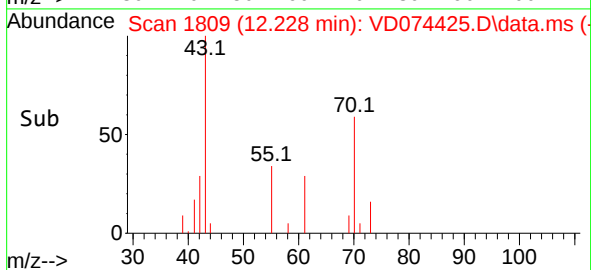
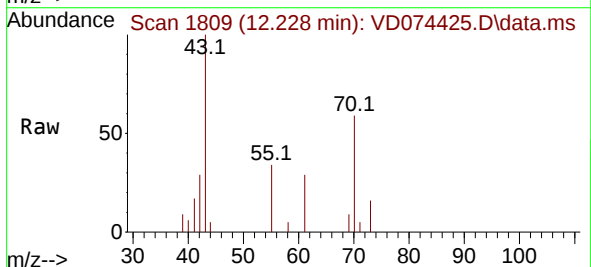
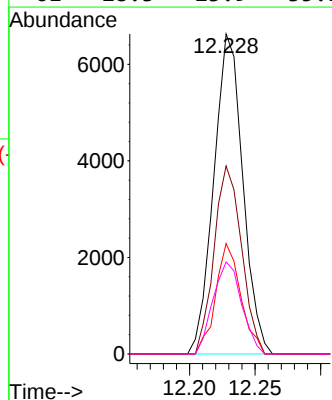
Manual Integrations
APPROVED

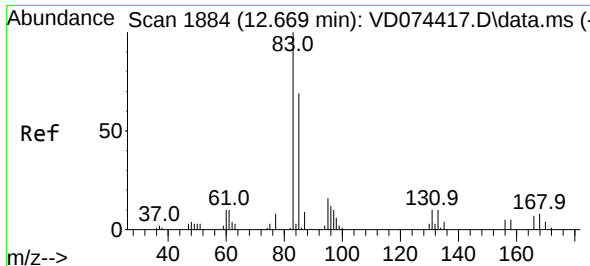
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#74
N-ethyl acetate
Concen: 19.806 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

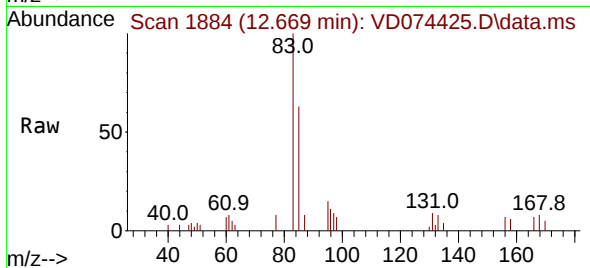
Tgt Ion: 43 Resp: 10189
Ion Ratio Lower Upper
43 100
70 55.6 43.8 65.6
55 30.1 22.0 33.0
61 28.3 23.9 35.9





#75
1,1,2,2-Tetrachloroethane
Concen: 20.928 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

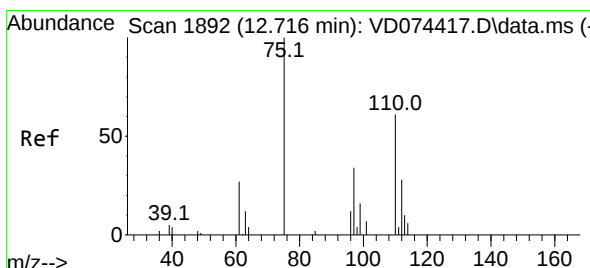
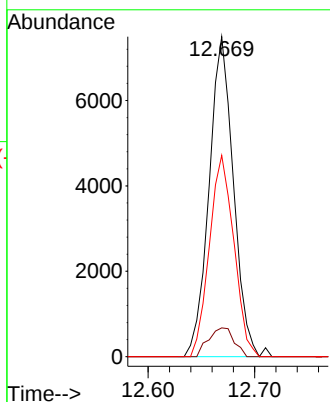
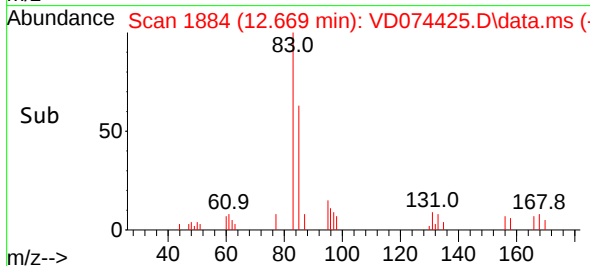
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



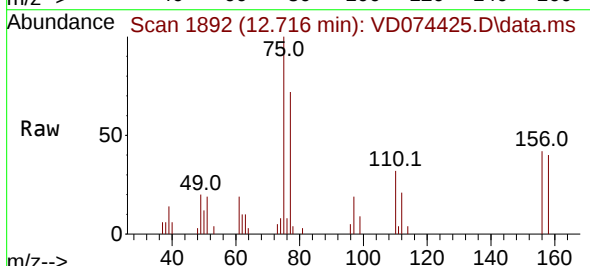
Tgt Ion: 83 Resp: 11910
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 63.0 33.1 99.2

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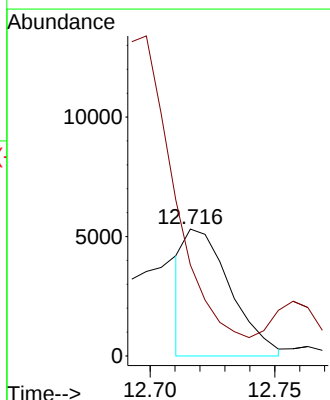
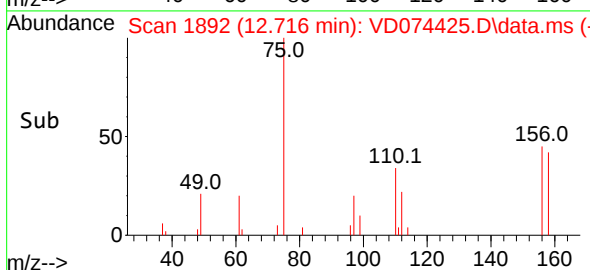
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

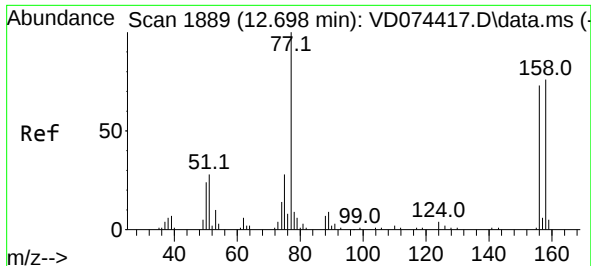


#76
1,2,3-Trichloropropane
Concen: 19.736 ug/l m
RT: 12.716 min Scan# 1892
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07



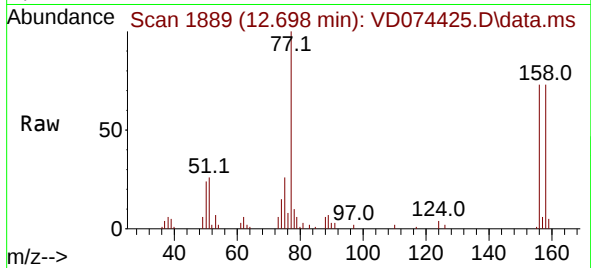
Tgt Ion: 75 Resp: 6786
Ion Ratio Lower Upper
75 100
77 364.0 185.8 557.5





#77
Bromobenzene
Concen: 21.009 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

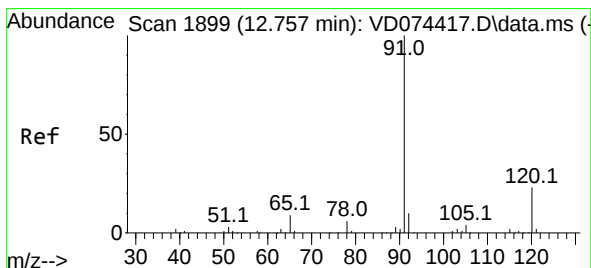
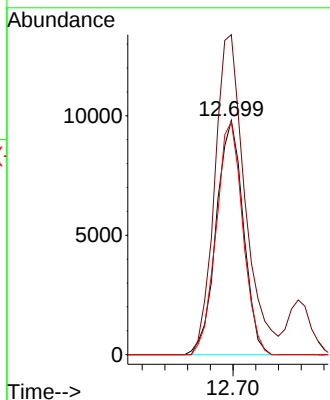
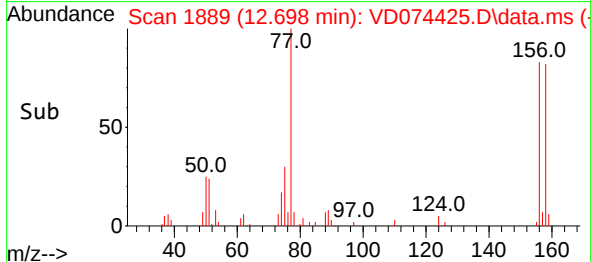
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



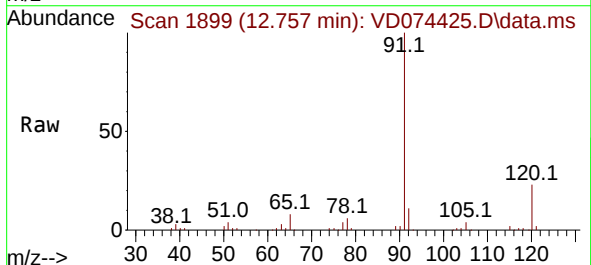
Tgt Ion:156 Resp: 1624
Ion Ratio Lower Upper
156 100
77 152.1 77.7 233.1
158 98.0 49.4 148.2

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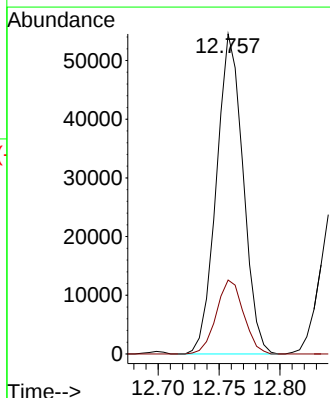
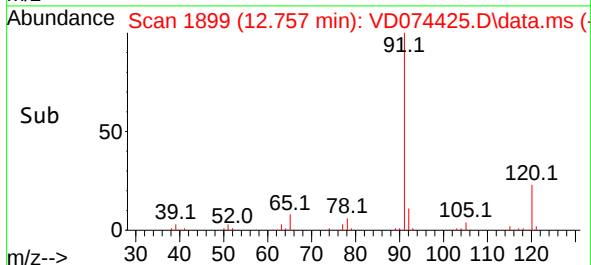
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

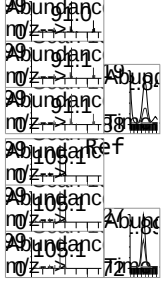


#78
n-propylbenzene
Concen: 21.170 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07



Tgt Ion: 91 Resp: 83118
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.7





#79
2-Chlorotoluene
Concen: 20.844 ug/l
RT: 12.846 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Instrument : MSVOA_D
ClientSampleId : VD0926SBS01

Tgt Ion: 91 Resp: 44168
Ion Ratio Lower Upper
91 100
126 36.7 18.3 54.8

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

Raw

Sub

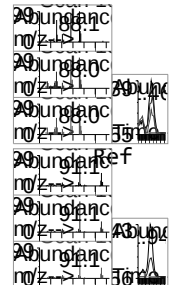
Ref

#80
1,3,5-Trimethylbenzene
Concen: 21.042 ug/l
RT: 12.899 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Tgt Ion:105 Resp: 56811
Ion Ratio Lower Upper
105 100
120 49.4 25.7 77.0

Raw

Sub



Raw

Sub

Ref

Raw

Sub

#81
trans-1,4-Dichloro-2-butene
Concen: 20.553 ug/l
RT: 12.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

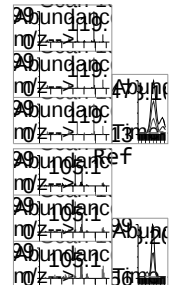
Instrument : MSVOA_D
ClientSampleId : VD0926SBS01

Tgt Ion: 75 Resp: 2890
Ion Ratio Lower Upper
75 100
53 69.8 63.8 95.6
89 39.5 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: 21.074 ug/l
RT: 12.940 min Scan# 1930
Delta R.T. -0.006 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Tgt Ion: 91 Resp: 45782
Ion Ratio Lower Upper
91 100
126 37.4 18.8 56.4



#83
tert-Butylbenzene
Concen: 20.709 ug/l
RT: 13.163 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.2	30.0	90.0
134	26.9	13.4	40.1

Manual Integrations

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Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022

Raw

Sub

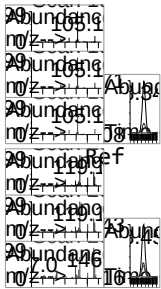
Ref

Raw

Sub

#84
1,2,4-Trimethylbenzene
Concen: 20.623 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. -0.006 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.9	68.7



#85
sec-Butylbenzene
Concen: 20.717 ug/l
RT: 13.340 min Scan# 19
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01

Tgt Ion:105 Resp: 75760
Ion Ratio Lower Upper
105 100
134 19.8 10.0 30.0

Manual Integrations
APPROVED

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

Raw

Sub

Ref

Raw

Sub

#86
p-Isopropyltoluene
Concen: 20.649 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Tgt Ion:119 Resp: 63113
Ion Ratio Lower Upper
119 100
134 26.4 13.5 40.4
91 21.3 10.8 32.4



Raw

Sub

Ref

Raw

Sub

#87
1,3-Dichlorobenzene
Concen: 20.438 ug/l
RT: 13.451 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

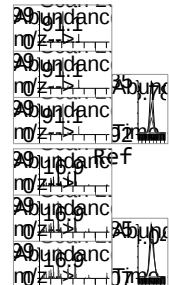
Instrument : MSVOA_D
ClientSampleId : VD0926SBS01

Tgt Ion:146 Resp: 3243
Ion Ratio Lower Upper
146 100
111 37.3 18.3 54.8
148 64.3 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: 20.546 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Tgt Ion:146 Resp: 32636
Ion Ratio Lower Upper
146 100
111 35.9 17.7 53.1
148 66.3 32.3 96.9



#89
n-Butylbenzene
Concen: 20.488 ug/l
RT: 13.781 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion:	91	Resp:	5806
Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.9	80.7
134	27.5	13.4	40.2

Manual Integrations

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Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022

Raw

Sub

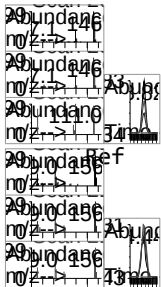
Ref

Raw

Sub

#90
Hexachloroethane
Concen: 20.432 ug/l
RT: 14.046 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Tgt Ion:	117	Resp:	11054
Ion	Ratio	Lower	Upper
117	100		
201	75.7	38.0	114.0



Raw

Sub

Ref

Raw

Sub

#91
1,2-Dichlorobenzene
Concen: 20.433 ug/l
RT: 13.828 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01

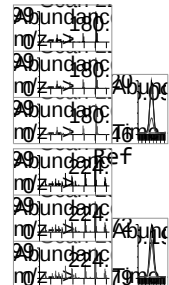
Tgt Ion:	146	Resp:	2827
Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.5
148	63.1	31.9	95.5

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

#92
1,2-Dibromo-3-Chloropropane
Concen: 21.028 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Tgt Ion:	75	Resp:	1580
Ion	Ratio	Lower	Upper
75	100		
155	109.1	51.2	153.8
157	145.6	68.2	204.5



#93
 1,2,4-Trichlorobenzene
 Concen: 19.542 ug/l
 RT: 15.092 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD074425.D
 Acq: 26 Sep 2022 18:07

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion:180 Resp: 18310
 Ion Ratio Lower Upper
 180 100
 182 95.0 46.9 140.6
 145 30.1 14.1 42.3

Manual Integrations

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Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022

Raw

Sub

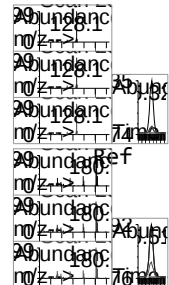
Ref

#94
 Hexachlorobutadiene
 Concen: 20.305 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. 0.000 min
 Lab File: VD074425.D
 Acq: 26 Sep 2022 18:07

Tgt Ion:225 Resp: 10427
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.9 95.5
 227 62.2 32.6 97.8

Raw

Sub



#95
Naphthalene
Concen: 19.595 ug/l
RT: 15.328 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion	128	Resp	33430
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	11.0	8.3	12.5

Manual Integrations

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Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022

Raw

Sub

Ref

Raw

Sub

#96
1,2,3-Trichlorobenzene
Concen: 20.171 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD074425.D
Acq: 26 Sep 2022 18:07

Tgt Ion	180	Resp	16207
Ion	Ratio	Lower	Upper
180	100		
182	96.7	46.7	140.1
145	29.3	14.9	44.7