

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074426.D
 Acq On : 26 Sep 2022 18:35
 Operator : VA/SY
 Sample : VD0926SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 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 04:10:11 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)

Internal Standards						
1) Pentafluorobenzene	7.875	168	60567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	96401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	88596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	43350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	26260	50.360	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.720%			
35) Dibromofluoromethane	7.804	113	34209	52.916	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.840%			
50) Toluene-d8	10.269	98	117724	53.699	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.400%			
62) 4-Bromofluorobenzene	12.569	95	36918	47.994	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	10454	21.021	ug/l	96
3) Chloromethane	2.140	50	10766	22.278	ug/l	93
4) Vinyl Chloride	2.275	62	9447	22.142	ug/l	99
5) Bromomethane	2.669	94	7758	23.661	ug/l	90
6) Chloroethane	2.828	64	6676	22.843	ug/l	100
7) Trichlorofluoromethane	3.169	101	20757	21.096	ug/l	97
8) Diethyl Ether	3.593	74	5851	20.171	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.951	101	14312	21.439	ug/l	96
10) Methyl Iodide	4.151	142	11711	21.094	ug/l	99
11) Tert butyl alcohol	5.034	59	10219	155.865	ug/l #	85
12) 1,1-Dichloroethene	3.934	96	13457	21.367	ug/l	96
13) Acrolein	3.793	56	3957	109.358	ug/l	94
14) Allyl chloride	4.557	41	13616	20.966	ug/l	97
15) Acrylonitrile	5.257	53	12735	103.503	ug/l	98
16) Acetone	4.022	43	8631	85.322	ug/l	92
17) Carbon Disulfide	4.263	76	33707	23.354	ug/l	99
18) Methyl Acetate	4.557	43	6275	20.527	ug/l	94
19) Methyl tert-butyl Ether	5.316	73	28667	21.177	ug/l	100
20) Methylene Chloride	4.793	84	20680	23.109	ug/l	97
21) trans-1,2-Dichloroethene	5.304	96	14542	21.724	ug/l	86
22) Diisopropyl ether	6.210	45	31855	21.448	ug/l	92
23) Vinyl Acetate	6.151	43	65125	103.290	ug/l	97
24) 1,1-Dichloroethane	6.110	63	24155	21.592	ug/l	95
25) 2-Butanone	7.081	43	13333	96.189	ug/l	97
26) 2,2-Dichloropropane	7.075	77	20826	20.018	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	16699	21.019	ug/l	97
28) Bromochloromethane	7.428	49	7442	20.882	ug/l #	95
29) Tetrahydrofuran	7.445	42	8595	109.211	ug/l	98
30) Chloroform	7.592	83	26298	20.890	ug/l	95
31) Cyclohexane	7.875	56	19010	21.471	ug/l	97
32) 1,1,1-Trichloroethane	7.792	97	23790	22.017	ug/l	98
36) 1,1-Dichloropropene	8.004	75	19224	21.960	ug/l	98
37) Ethyl Acetate	7.169	43	6164	21.368	ug/l #	95
38) Carbon Tetrachloride	7.992	117	17671	21.094	ug/l	99
39) Methylcyclohexane	9.275	83	22438	21.630	ug/l	94
40) Benzene	8.251	78	55144	21.338	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	3608	20.740	ug/l	93
42) 1,2-Dichloroethane	8.328	62	13781	21.255	ug/l	96
43) Isopropyl Acetate	8.363	43	12051	21.487	ug/l	98
44) Trichloroethene	9.028	130	16407	20.757	ug/l	100
45) 1,2-Dichloropropane	9.304	63	12845	20.960	ug/l	97
46) Dibromomethane	9.392	93	7630	21.075	ug/l	96
47) Bromodichloromethane	9.586	83	19102	20.401	ug/l	99
48) Methyl methacrylate	9.381	41	5667	22.623	ug/l	92
49) 1,4-Dioxane	9.386	88	1673	439.305	ug/l #	90
51) 4-Methyl-2-Pentanone	10.157	43	30794	106.842	ug/l	98
52) Toluene	10.333	92	36435	21.813	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	16377	21.044	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	20049	20.186	ug/l	97
55) 1,1,2-Trichloroethane	10.733	97	11039	21.901	ug/l	96
56) Ethyl methacrylate	10.598	69	12044	21.299	ug/l	98
57) 1,3-Dichloropropane	10.880	76	17694	21.531	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	7359	101.403	ug/l	99
59) 2-Hexanone	10.922	43	20364	104.684	ug/l	99
60) Dibromochloromethane	11.075	129	13761	21.798	ug/l	99
61) 1,2-Dibromoethane	11.180	107	10506	21.441	ug/l	98
64) Tetrachloroethene	10.804	164	14644	21.314	ug/l	94
65) Chlorobenzene	11.604	112	40713	21.218	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.680	131	15061	21.684	ug/l	97
67) Ethyl Benzene	11.680	91	70101	20.765	ug/l	100
68) m/p-Xylenes	11.792	106	55465	41.863	ug/l	100
69) o-Xylene	12.116	106	26432	21.514	ug/l	99
70) Styrene	12.133	104	44912	20.971	ug/l	98
71) Bromoform	12.292	173	7718	20.165	ug/l #	97
73) Isopropylbenzene	12.416	105	67256	20.898	ug/l	100
74) N-amyl acetate	12.227	43	10190	20.087	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	11504	20.488	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	6451m	19.026	ug/l	
77) Bromobenzene	12.698	156	16292	21.370	ug/l	96
78) n-propylbenzene	12.757	91	80201	20.715	ug/l	98
79) 2-Chlorotoluene	12.845	91	43417	20.777	ug/l	96
80) 1,3,5-Trimethylbenzene	12.898	105	55683	20.914	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	2842	20.454	ug/l #	90
82) 4-Chlorotoluene	12.945	91	46241	21.585	ug/l	97
83) tert-Butylbenzene	13.163	119	49030	20.349	ug/l	98
84) 1,2,4-Trimethylbenzene	13.204	105	55619	20.983	ug/l	100
85) sec-Butylbenzene	13.339	105	74014	20.524	ug/l	98
86) p-Isopropyltoluene	13.457	119	62152	20.620	ug/l	100
87) 1,3-Dichlorobenzene	13.451	146	32965	21.066	ug/l	99
88) 1,4-Dichlorobenzene	13.533	146	32660	20.851	ug/l	99
89) n-Butylbenzene	13.780	91	57293	20.501	ug/l	99
90) Hexachloroethane	14.045	117	10885	20.403	ug/l	99
91) 1,2-Dichlorobenzene	13.827	146	29001	21.255	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1529	20.659	ug/l	96
93) 1,2,4-Trichlorobenzene	15.092	180	18416	19.932	ug/l	97
94) Hexachlorobutadiene	15.198	225	10402	20.541	ug/l	98
95) Naphthalene	15.327	128	34403	20.445	ug/l	99
96) 1,2,3-Trichlorobenzene	15.515	180	16249	20.508	ug/l	96

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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

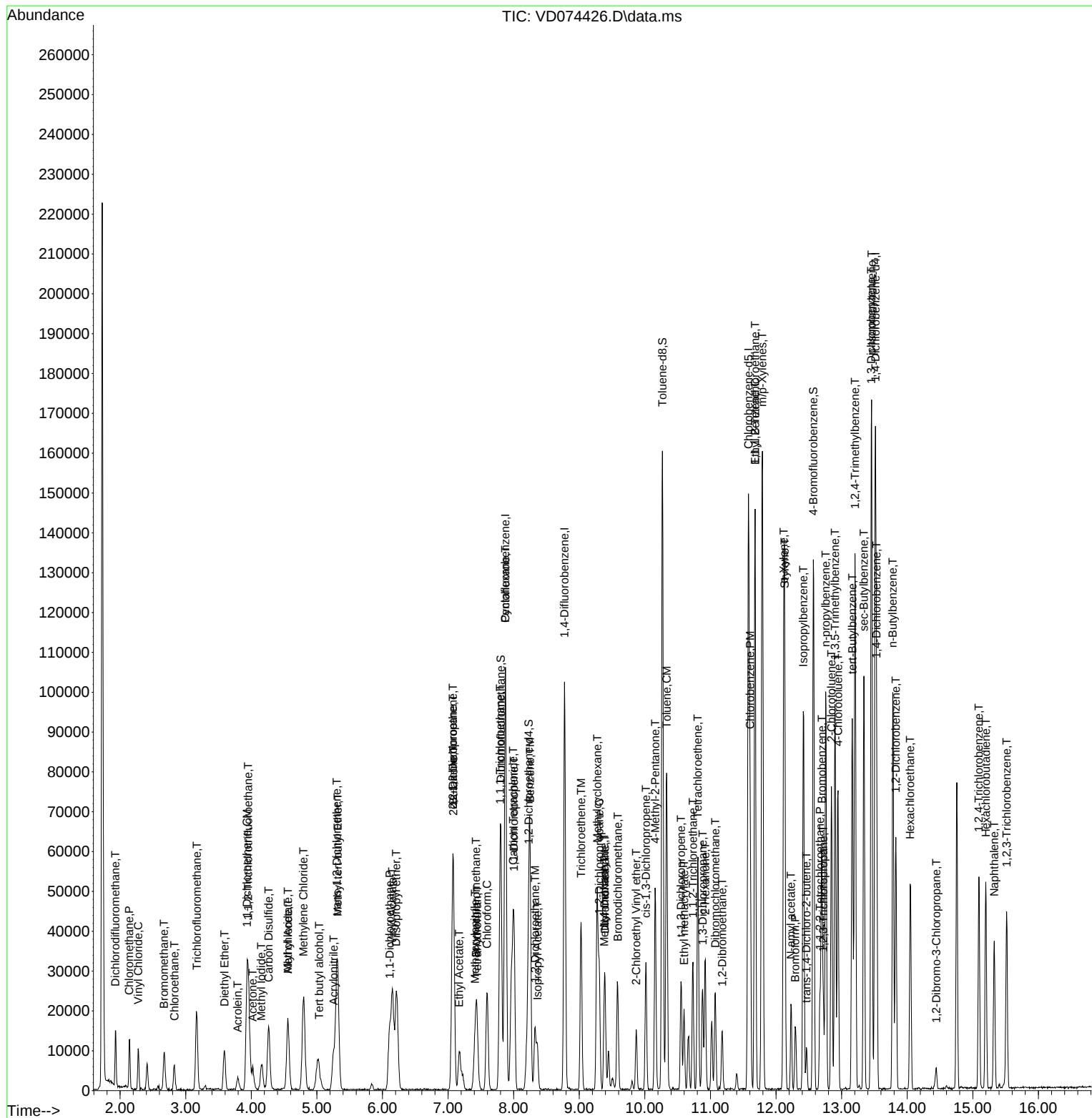
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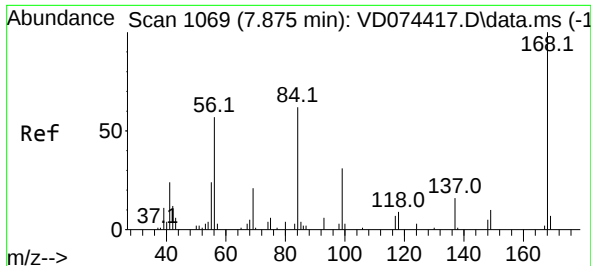
Instrument :
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 ClientSampleId :
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Manual Integrations APPROVED

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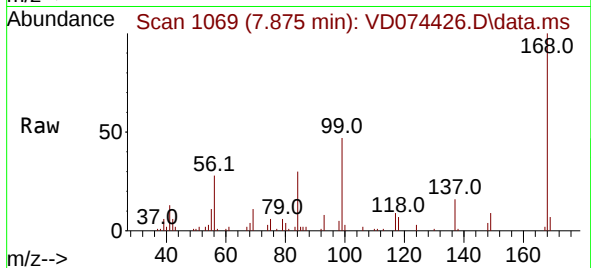
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

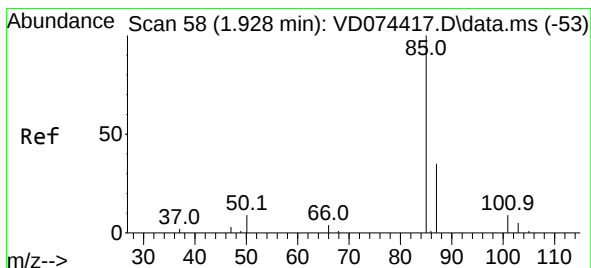
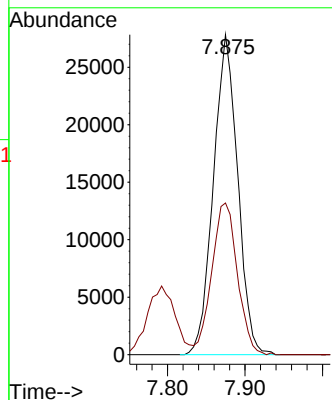
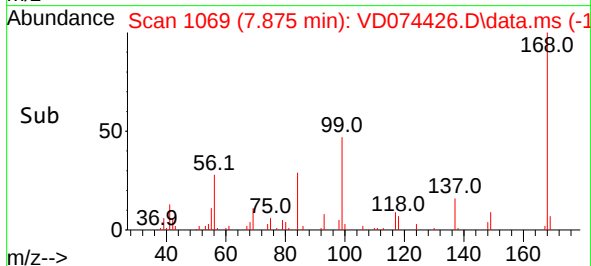
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBSD01



Tgt Ion:168 Resp: 6056
Ion Ratio Lower Upper
168 100
99 47.4 40.9 61.3

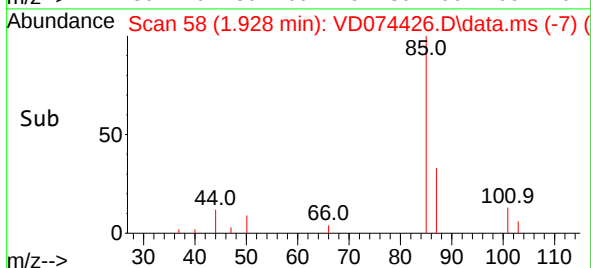
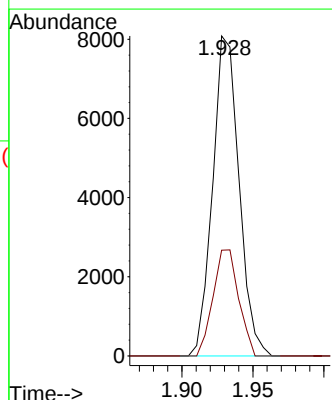
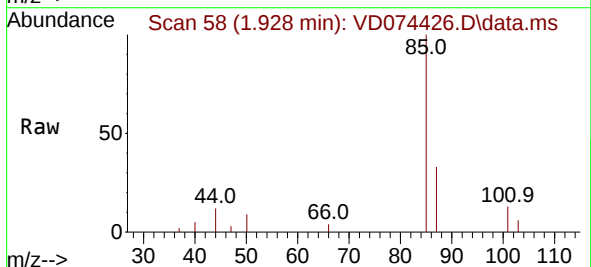
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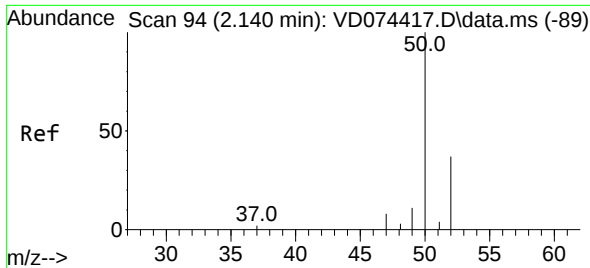
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#2
Dichlorodifluoromethane
Concen: 21.021 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Tgt Ion: 85 Resp: 10454
Ion Ratio Lower Upper
85 100
87 33.0 17.5 52.6





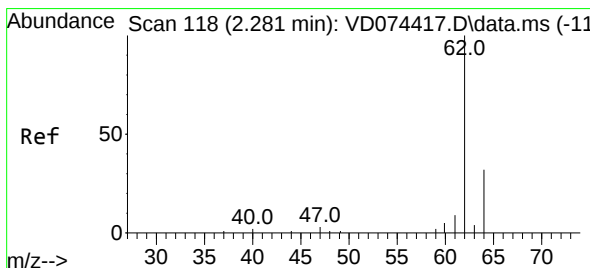
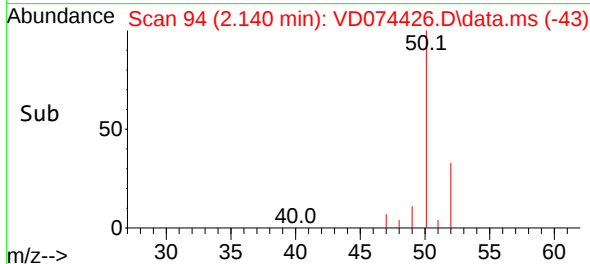
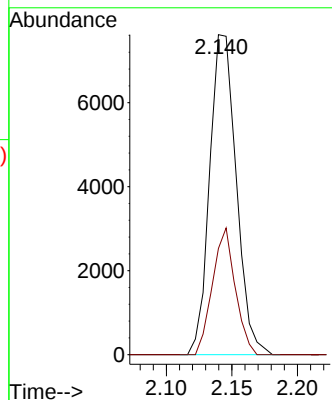
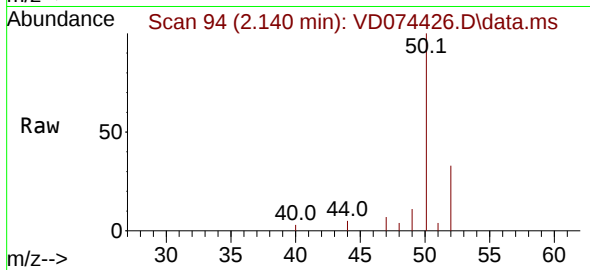
#3
Chloromethane
Concen: 22.278 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 10760
Ion Ratio Lower Upper
50 100
52 33.2 30.0 45.0

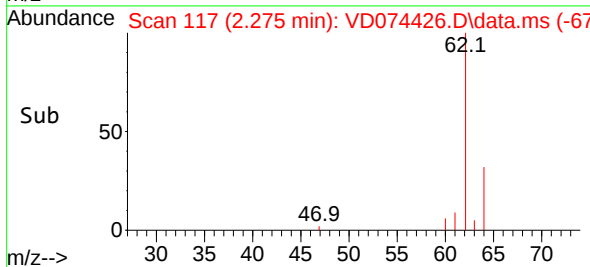
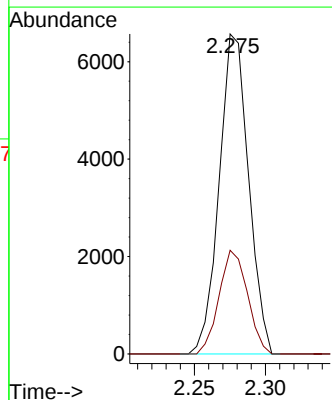
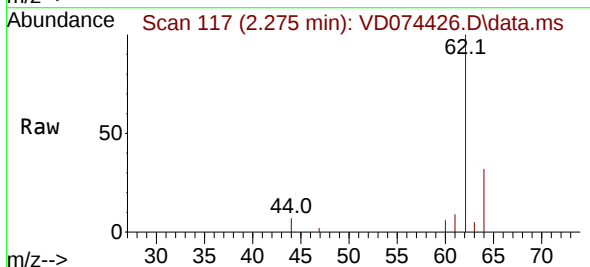
Manual Integrations
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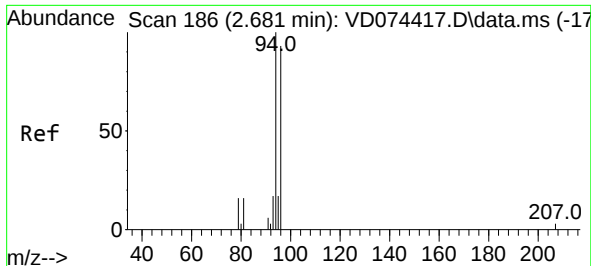
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#4
Vinyl Chloride
Concen: 22.142 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

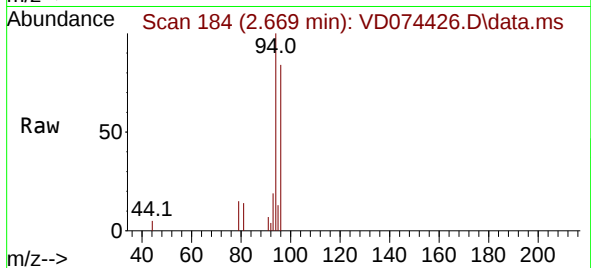
Tgt Ion: 62 Resp: 9447
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3





#5
Bromomethane
Concen: 23.661 ug/l
RT: 2.669 min Scan# 186
Delta R.T. -0.012 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

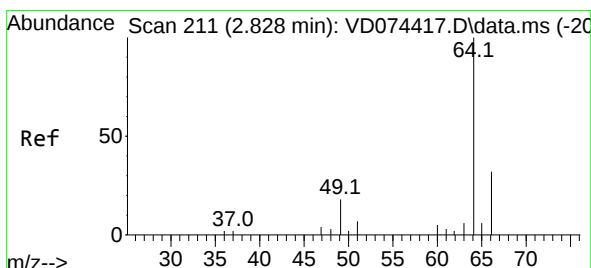
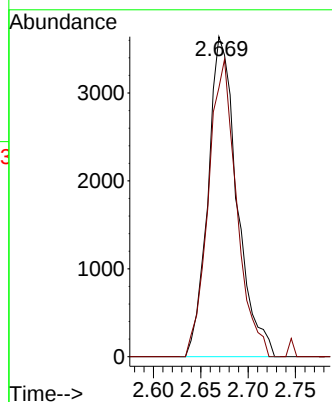
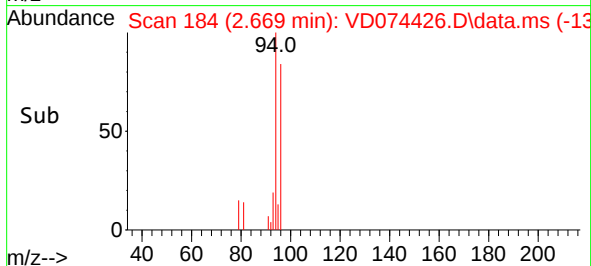
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Tgt Ion: 94 Resp: 7758
Ion Ratio Lower Upper
94 100
96 84.0 74.6 112.0

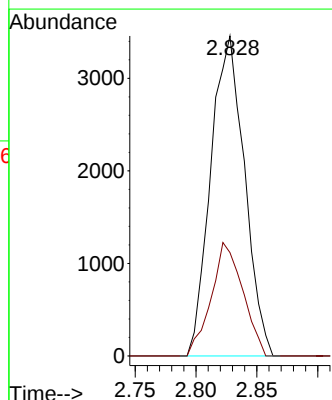
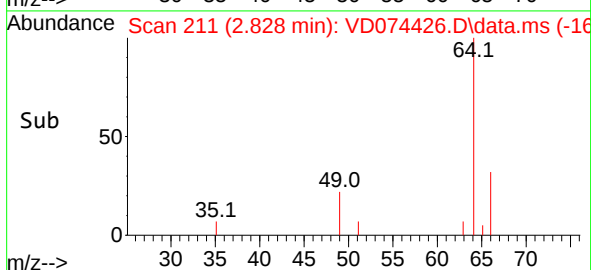
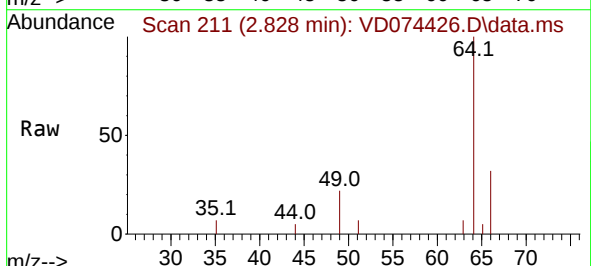
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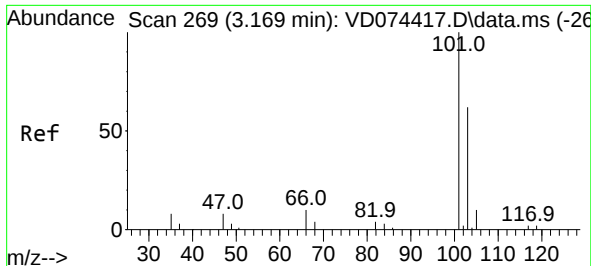
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#6
Chloroethane
Concen: 22.843 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Tgt Ion: 64 Resp: 6676
Ion Ratio Lower Upper
64 100
66 32.3 25.8 38.8





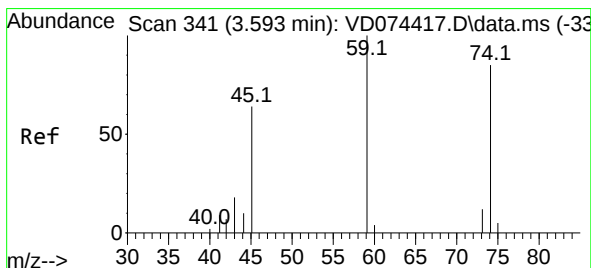
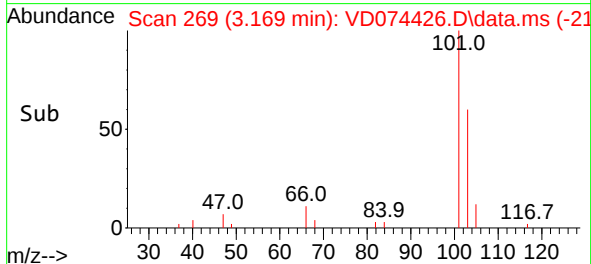
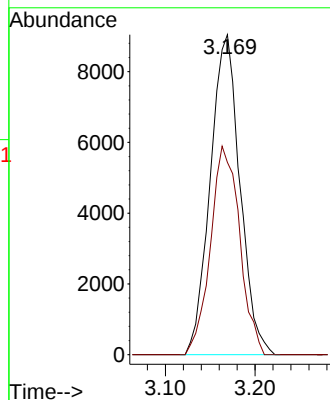
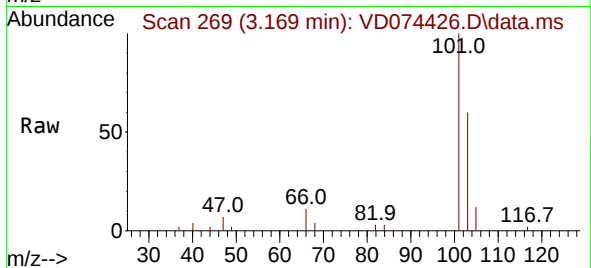
#7
Trichlorofluoromethane
Concen: 21.096 ug/l
RT: 3.169 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VD074426.D
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Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01

Tgt Ion:101 Resp: 2075
Ion Ratio Lower Upper
101 100
103 60.1 49.8 74.8

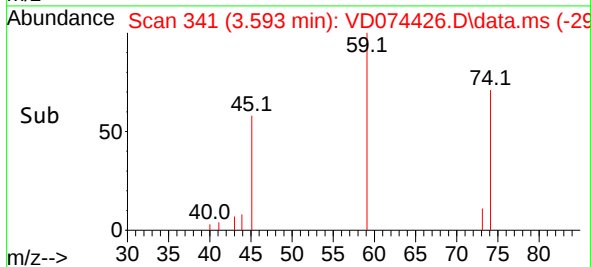
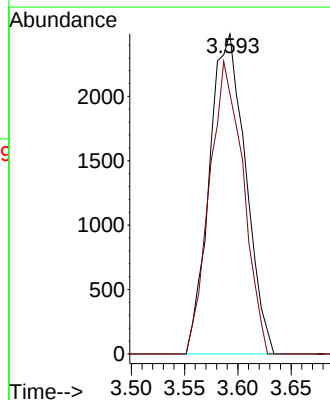
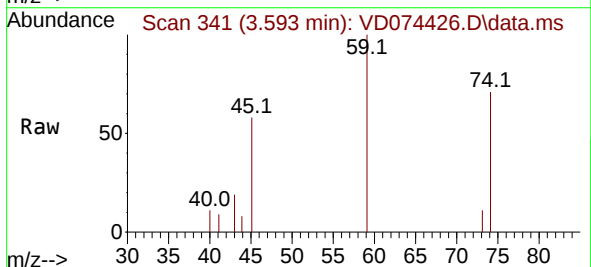
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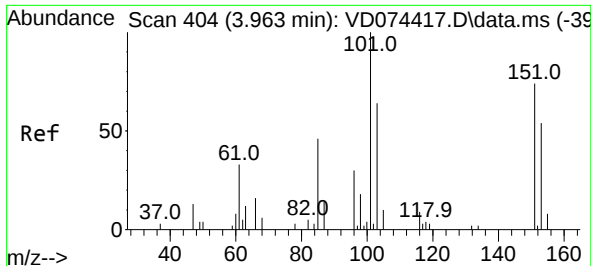
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#8
Diethyl Ether
Concen: 20.171 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Tgt Ion: 74 Resp: 5851
Ion Ratio Lower Upper
74 100
45 85.5 37.9 113.6





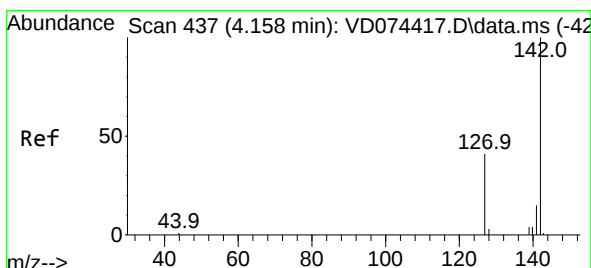
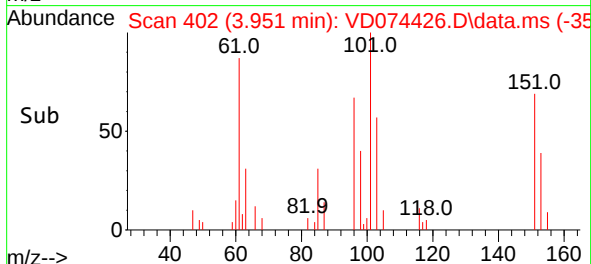
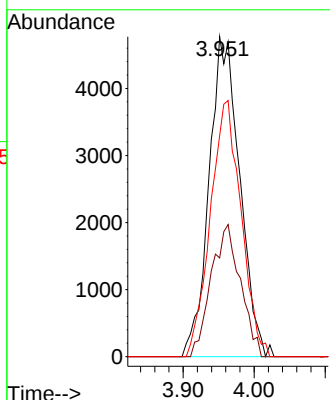
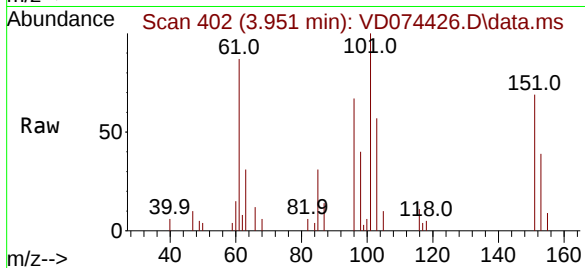
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.439 ug/l
RT: 3.951 min Scan# 404
Delta R.T. -0.012 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01

Tgt Ion:101 Resp: 1431
Ion Ratio Lower Upper
101 100
85 39.4 34.1 51.1
151 80.1 61.7 92.5

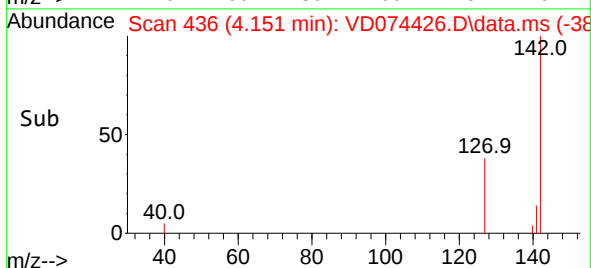
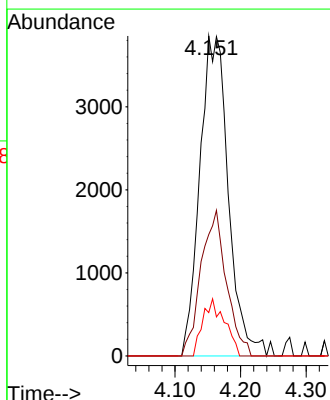
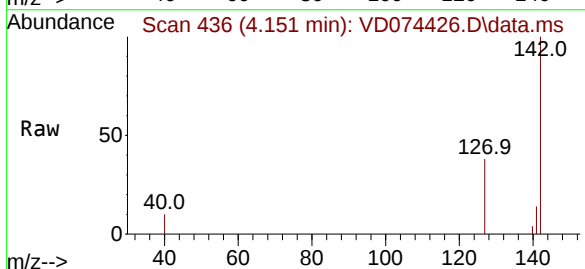
Manual Integrations
APPROVED

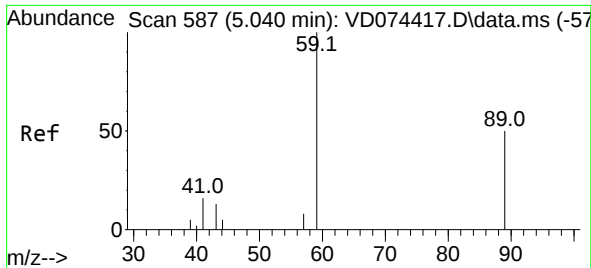
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#10
Methyl Iodide
Concen: 21.094 ug/l
RT: 4.151 min Scan# 436
Delta R.T. -0.007 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

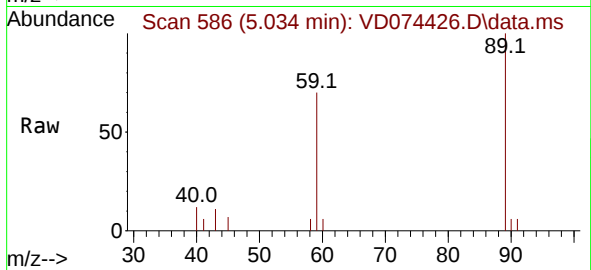
Tgt Ion:142 Resp: 11711
Ion Ratio Lower Upper
142 100
127 40.5 31.9 47.9
141 13.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 155.865 ug/l
RT: 5.034 min Scan# 587
Delta R.T. -0.006 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

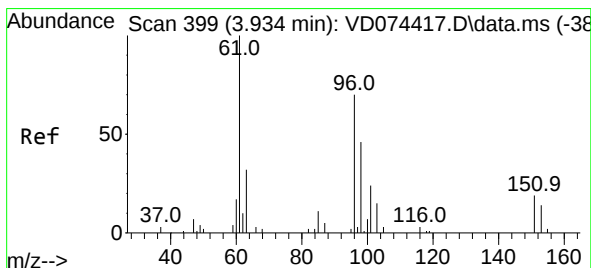
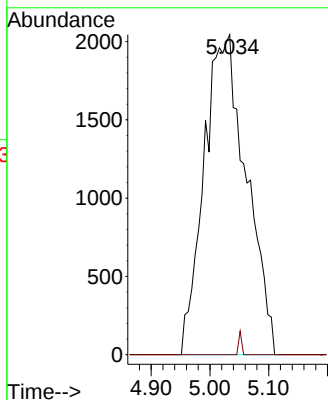
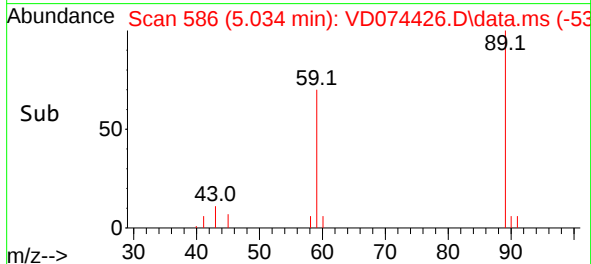
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



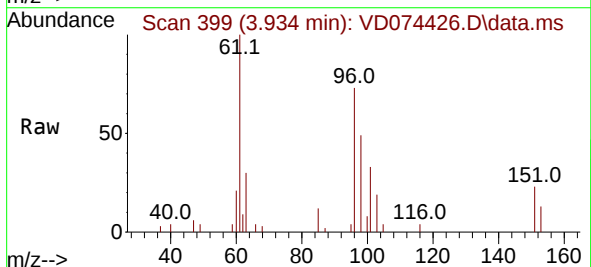
Tgt Ion: 59 Resp: 10219
Ion Ratio Lower Upper
59 100
57 0.5 4.4 6.6

Manual Integrations
APPROVED

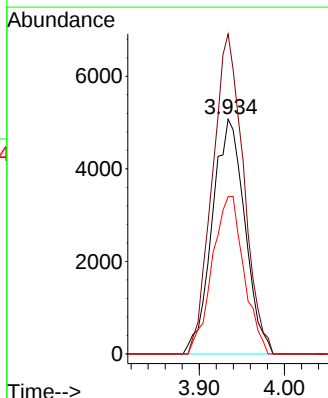
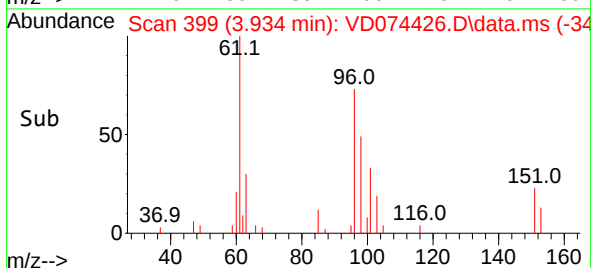
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

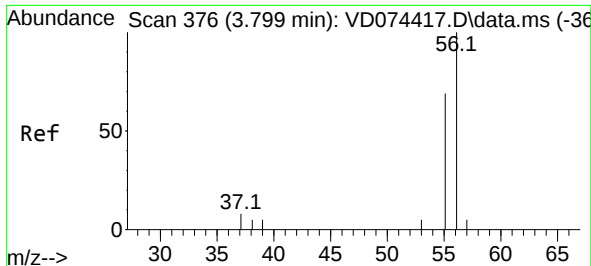


#12
1,1-Dichloroethene
Concen: 21.367 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35



Tgt Ion: 96 Resp: 13457
Ion Ratio Lower Upper
96 100
61 136.4 113.9 170.9
98 67.0 51.8 77.8





#13

Acrolein

Concen: 109.358 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD074426.D

Acq: 26 Sep 2022 18:35

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion: 56 Resp: 395

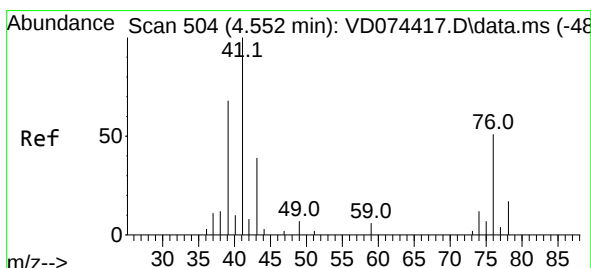
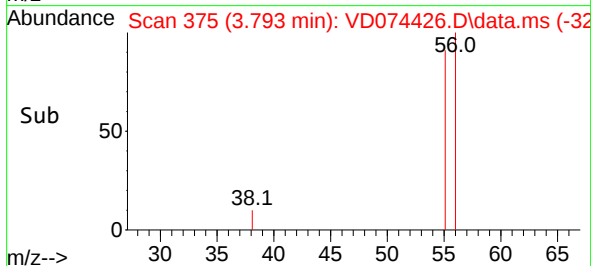
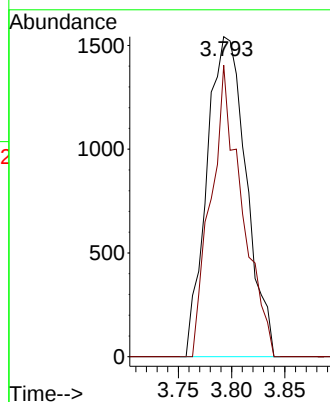
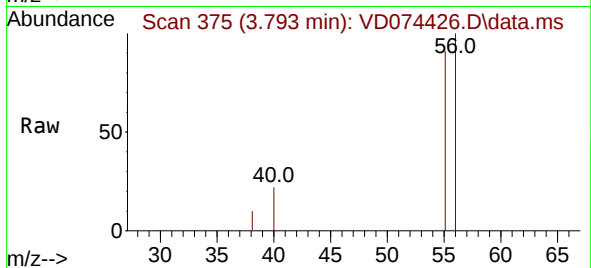
Ion	Ratio	Lower	Upper
56	100		
55	72.0	54.0	81.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#14

Allyl chloride

Concen: 20.966 ug/l

RT: 4.557 min Scan# 505

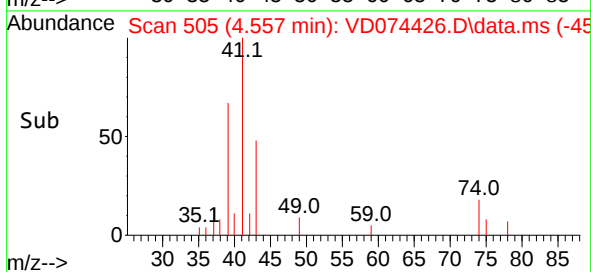
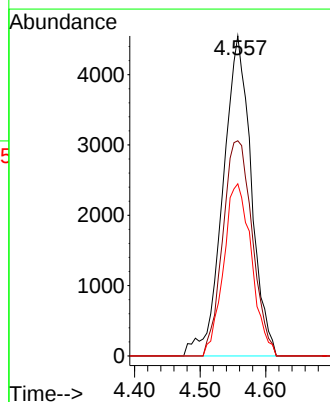
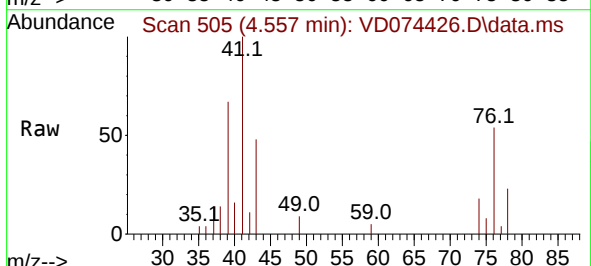
Delta R.T. 0.006 min

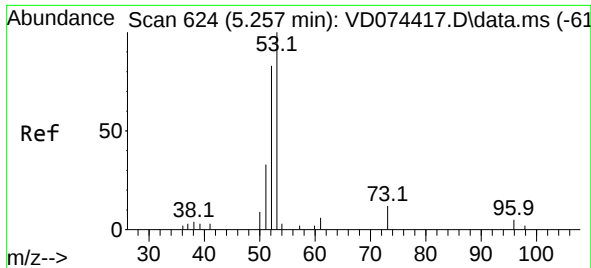
Lab File: VD074426.D

Acq: 26 Sep 2022 18:35

Tgt Ion: 41 Resp: 13616

Ion	Ratio	Lower	Upper
41	100		
39	70.2	53.4	80.2
76	53.3	42.4	63.6





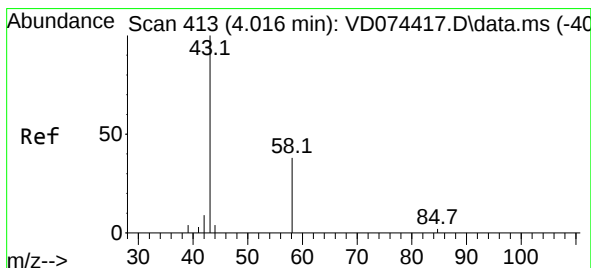
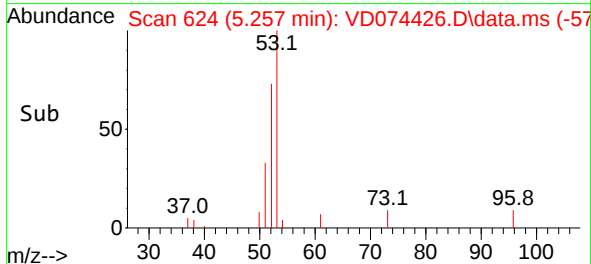
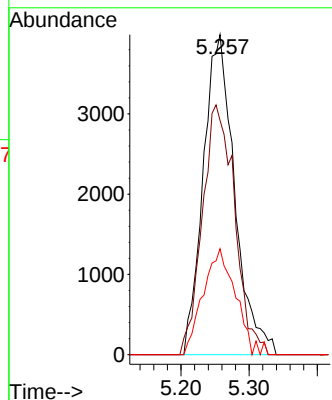
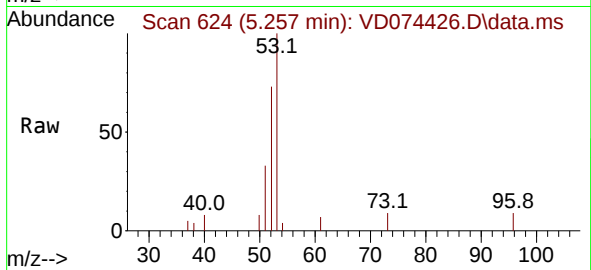
#15
Acrylonitrile
Concen: 103.503 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01

Tgt Ion: 53 Resp: 12735
Ion Ratio Lower Upper
53 100
52 80.4 66.0 99.0
51 34.2 28.3 42.5

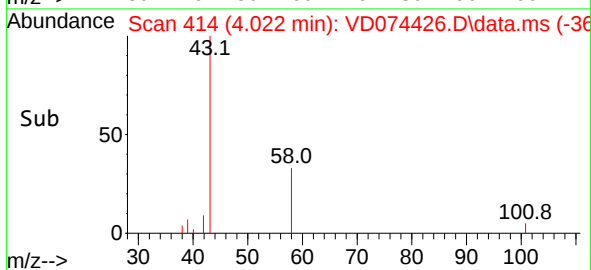
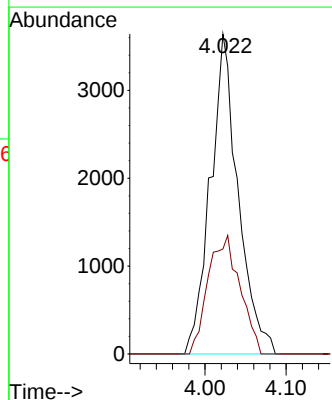
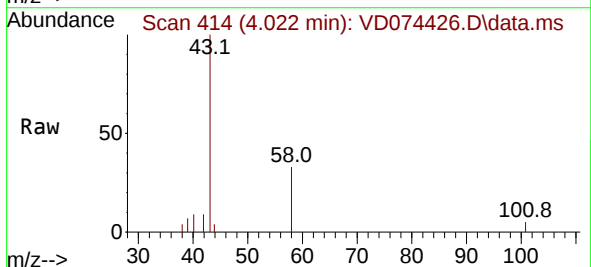
Manual Integrations
APPROVED

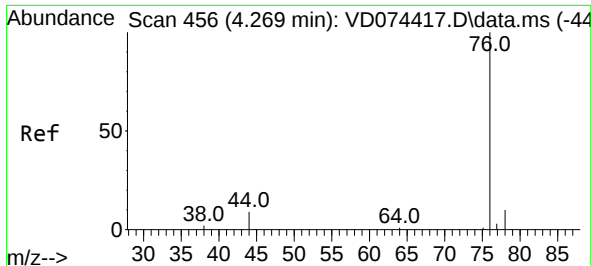
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#16
Acetone
Concen: 85.322 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Tgt Ion: 43 Resp: 8631
Ion Ratio Lower Upper
43 100
58 32.8 30.2 45.2





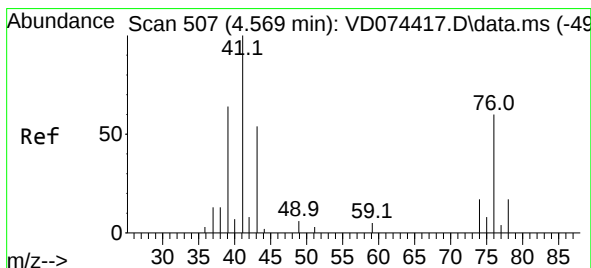
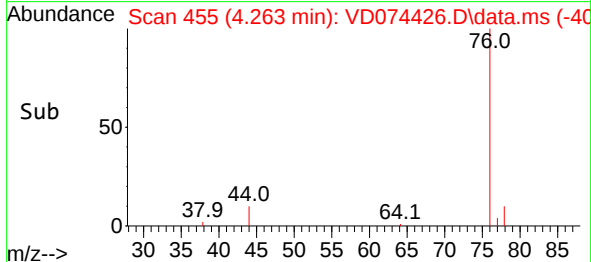
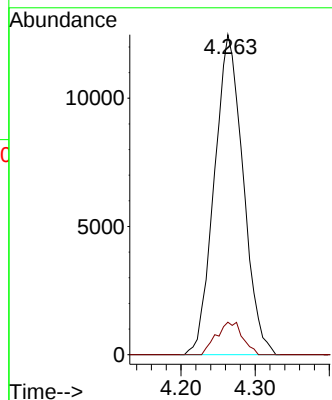
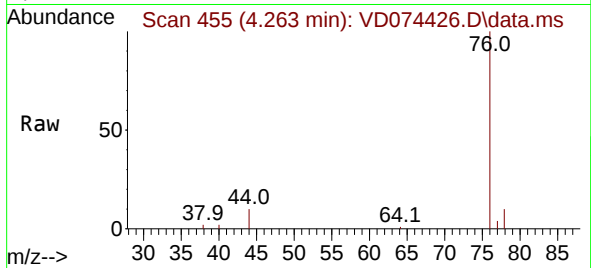
#17
Carbon Disulfide
Concen: 23.354 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01

Tgt Ion: 76 Resp: 3370
Ion Ratio Lower Upper
76 100
78 10.1 7.8 11.8

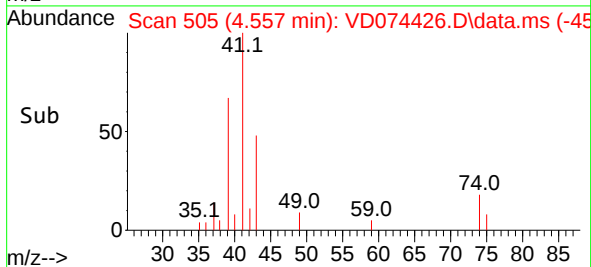
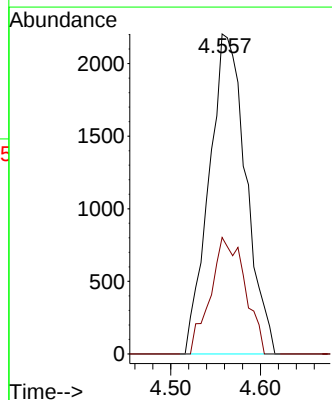
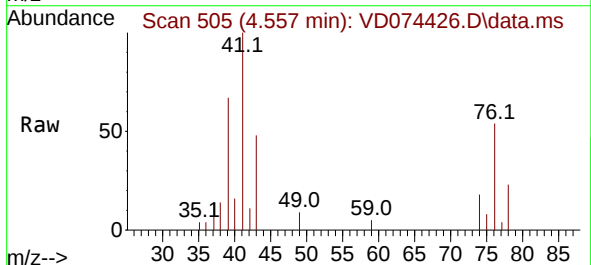
Manual Integrations
APPROVED

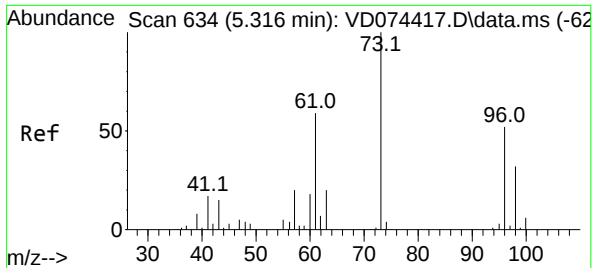
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#18
Methyl Acetate
Concen: 20.527 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Tgt Ion: 43 Resp: 6275
Ion Ratio Lower Upper
43 100
74 34.1 24.7 37.1





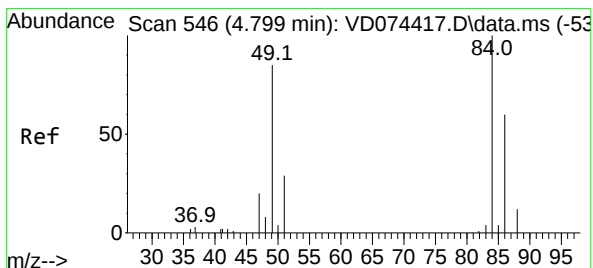
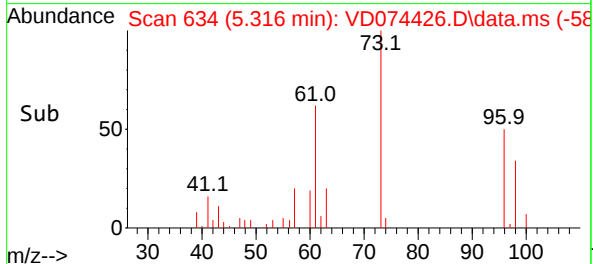
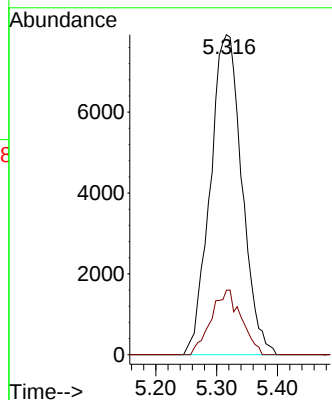
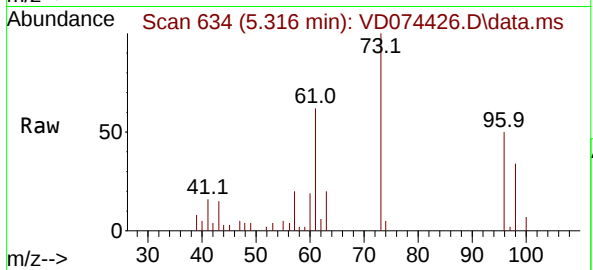
#19
Methyl tert-butyl Ether
Concen: 21.177 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01

Tgt Ion: 73 Resp: 2866
Ion Ratio Lower Upper
73 100
57 20.2 16.1 24.1

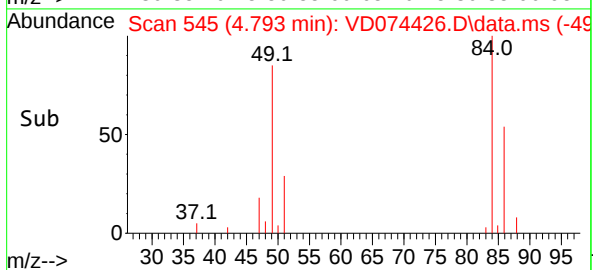
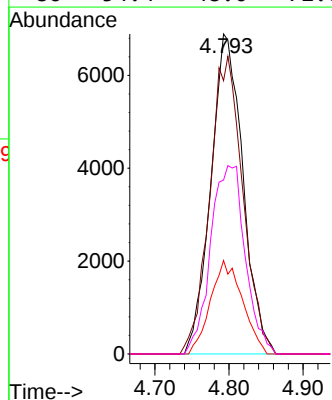
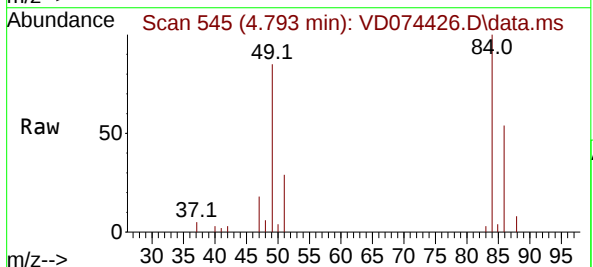
Manual Integrations
APPROVED

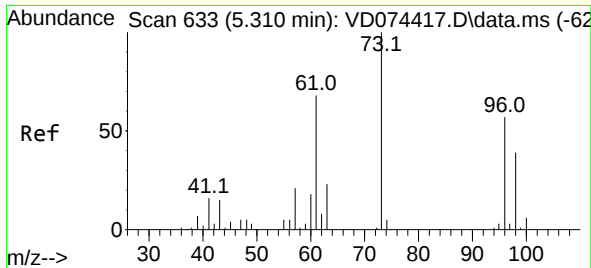
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#20
Methylene Chloride
Concen: 23.109 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Tgt Ion: 84 Resp: 20680
Ion Ratio Lower Upper
84 100
49 85.4 68.0 102.0
51 29.2 23.2 34.8
86 54.4 48.0 72.0





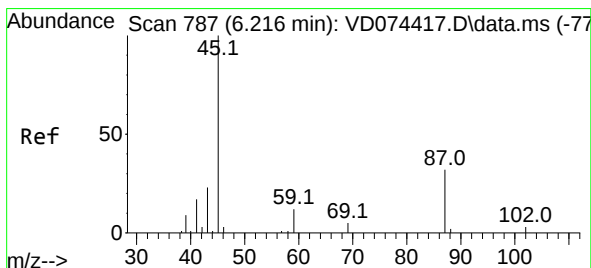
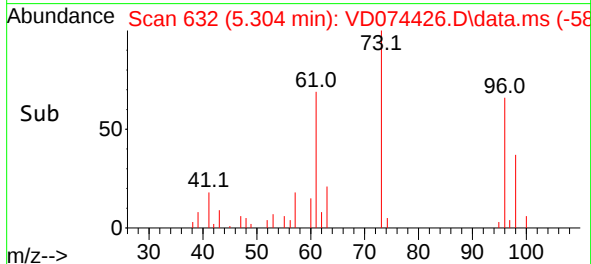
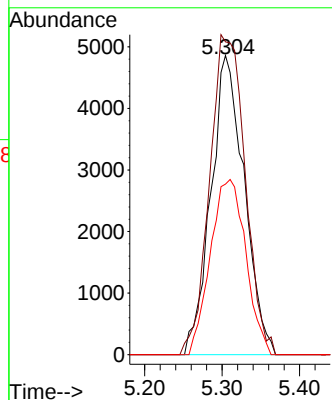
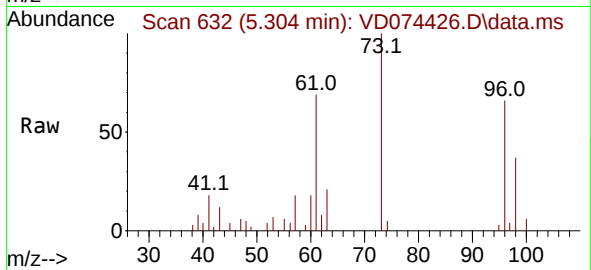
#21
trans-1,2-Dichloroethene
Concen: 21.724 ug/l
RT: 5.304 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01

Tgt Ion: 96 Resp: 14542
Ion Ratio Lower Upper
96 100
61 104.6 95.7 143.5
98 57.0 54.8 82.2

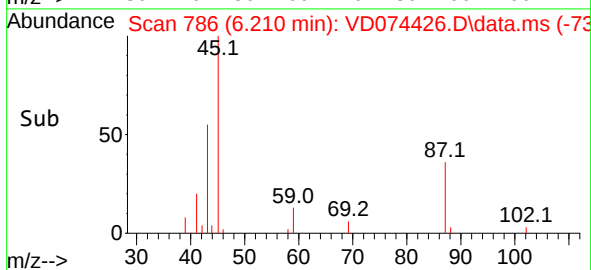
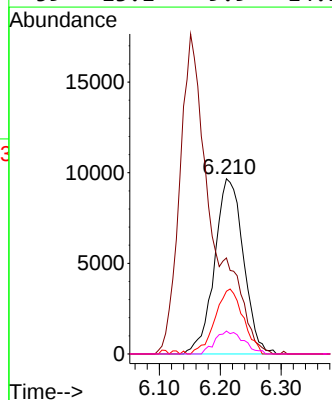
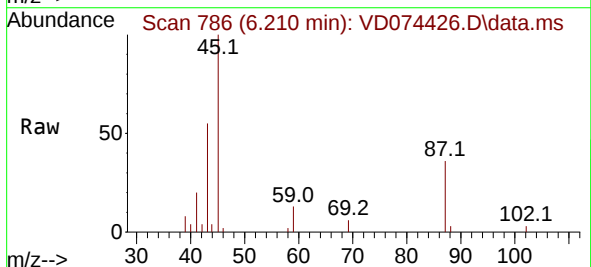
Manual Integrations
APPROVED

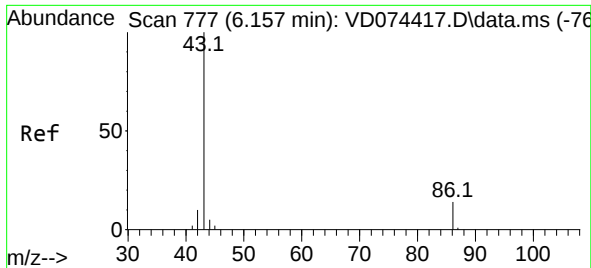
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#22
Diisopropyl ether
Concen: 21.448 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Tgt Ion: 45 Resp: 31855
Ion Ratio Lower Upper
45 100
43 54.8 37.8 56.6
87 35.8 26.6 40.0
59 13.1 9.9 14.9





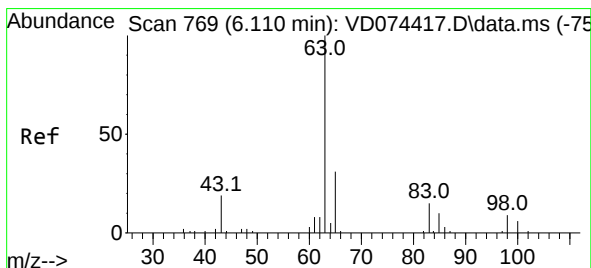
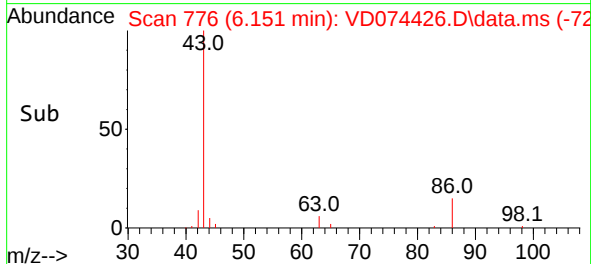
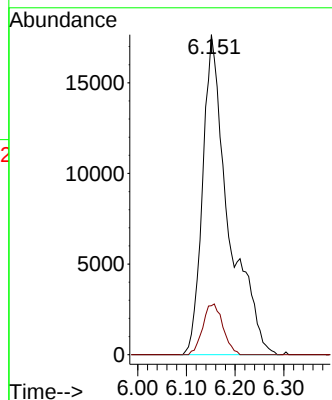
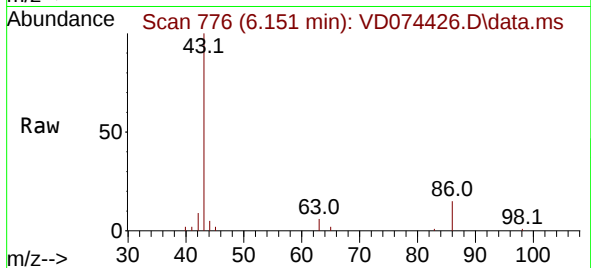
#23
 Vinyl Acetate
 Concen: 103.290 ug/l
 RT: 6.151 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD074426.D
 Acq: 26 Sep 2022 18:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0926SBS01

Tgt Ion: 43 Resp: 6512
 Ion Ratio Lower Upper
 43 100
 86 15.3 11.2 16.8

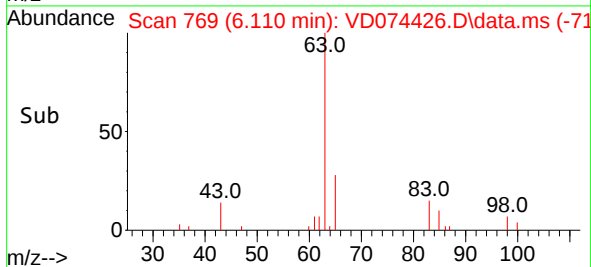
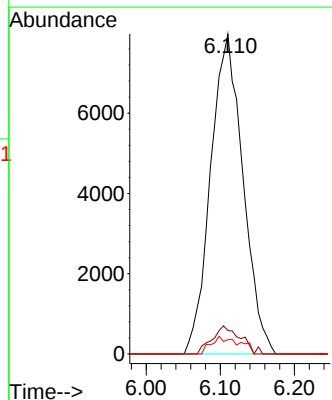
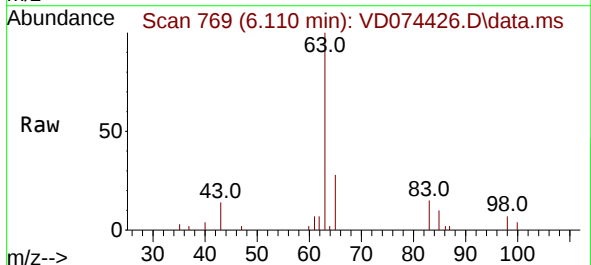
Manual Integrations
 APPROVED

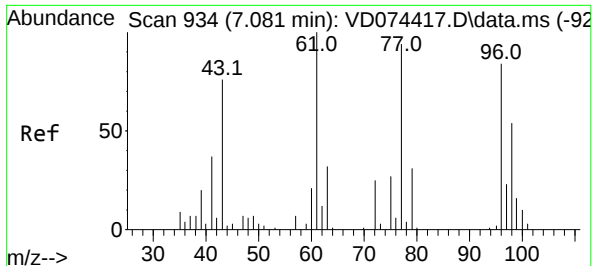
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022



#24
 1,1-Dichloroethane
 Concen: 21.592 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD074426.D
 Acq: 26 Sep 2022 18:35

Tgt Ion: 63 Resp: 24155
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.6 13.8
 100 4.5 2.9 8.6





#25

2-Butanone

Concen: 96.189 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD074426.D

Acq: 26 Sep 2022 18:35

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion: 43 Resp: 1333

Ion Ratio Lower Upper

43 100

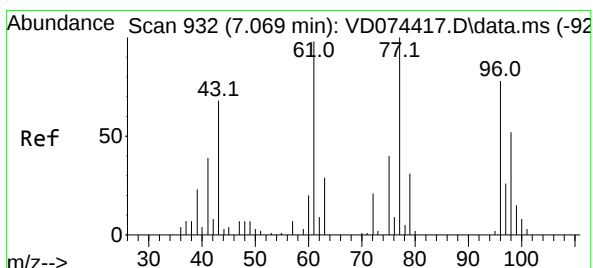
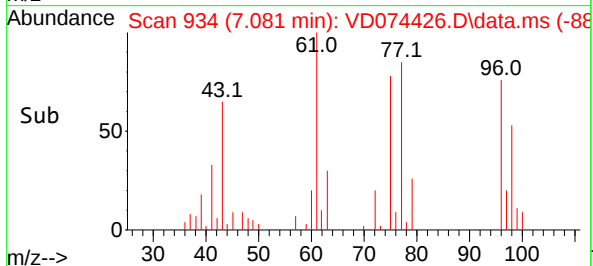
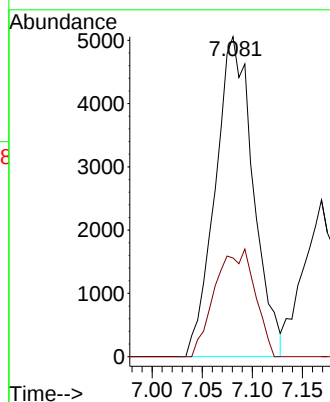
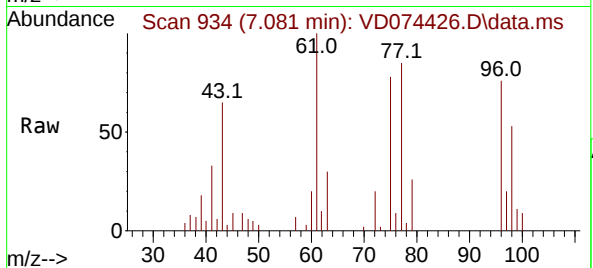
72 30.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#26

2,2-Dichloropropane

Concen: 20.018 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.006 min

Lab File: VD074426.D

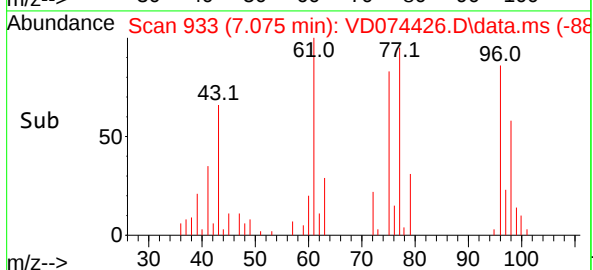
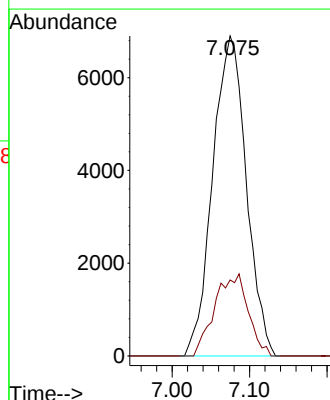
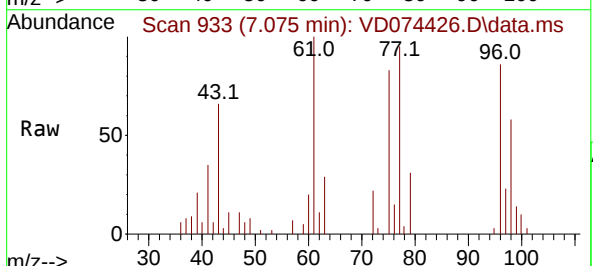
Acq: 26 Sep 2022 18:35

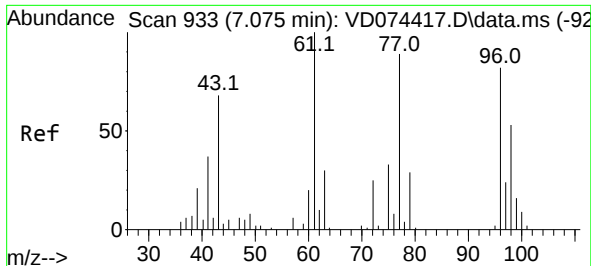
Tgt Ion: 77 Resp: 20826

Ion Ratio Lower Upper

77 100

97 25.5 12.5 37.5





#27

cis-1,2-Dichloroethene

Concen: 21.019 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD074426.D

Acq: 26 Sep 2022 18:35

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion: 96 Resp: 1669

Ion Ratio Lower Upper

96 100

61 125.3 0.0 242.4

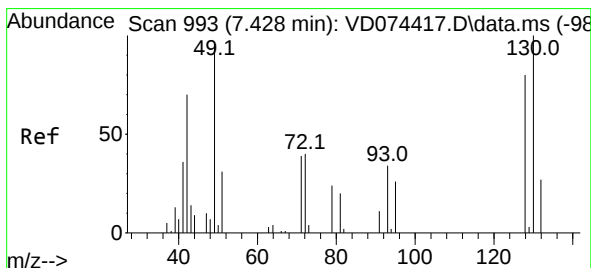
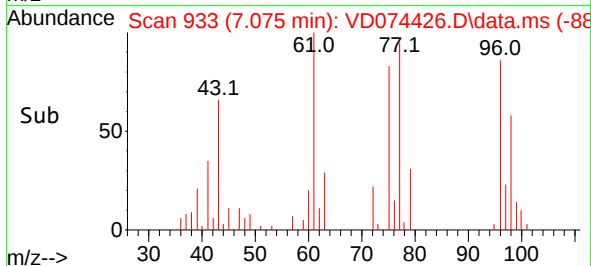
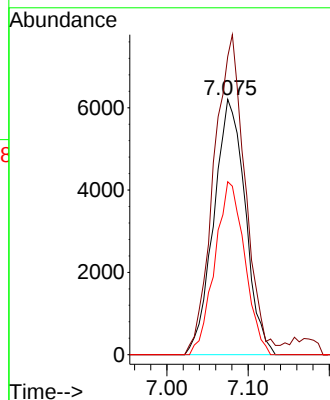
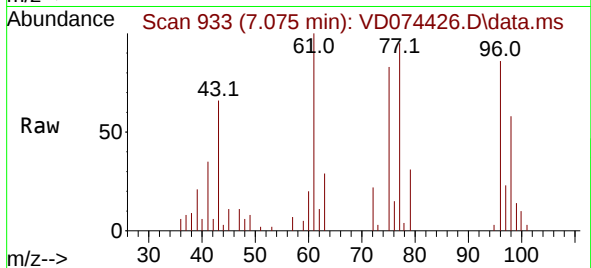
98 64.5 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#28

Bromochloromethane

Concen: 20.882 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD074426.D

Acq: 26 Sep 2022 18:35

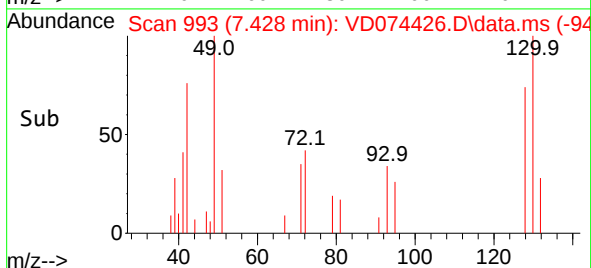
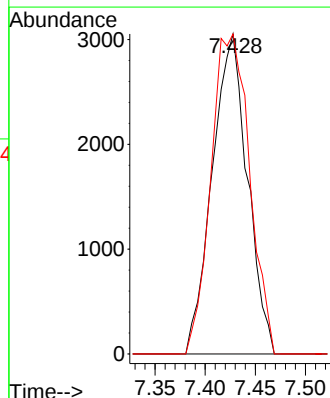
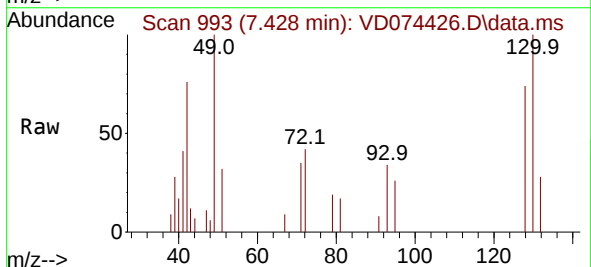
Tgt Ion: 49 Resp: 7442

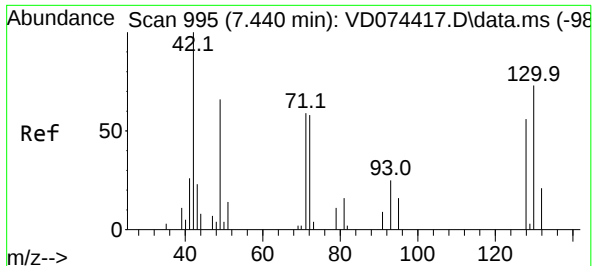
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

130 109.7 84.1 126.1





#29

Tetrahydrofuran

Concen: 109.211 ug/l

RT: 7.445 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD074426.D

Acq: 26 Sep 2022 18:35

Instrument :

MSVOA_D

ClientSampleId :

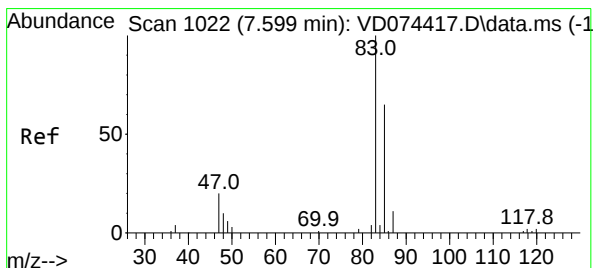
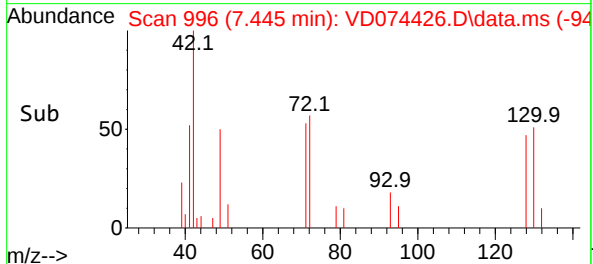
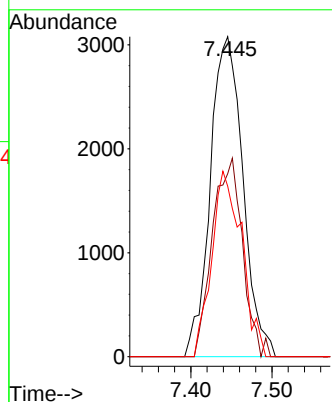
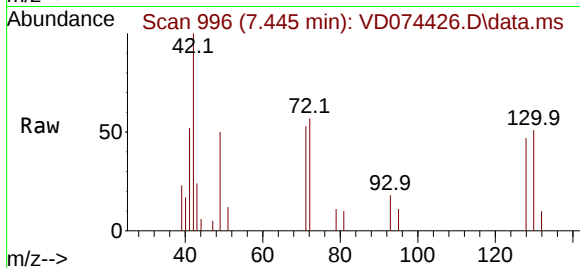
VD0926SBS01

Tgt Ion: 42 Resp: 859
 Ion Ratio Lower Upper
 42 100
 72 57.2 45.8 68.6
 71 53.4 44.6 66.8

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 20.890 ug/l

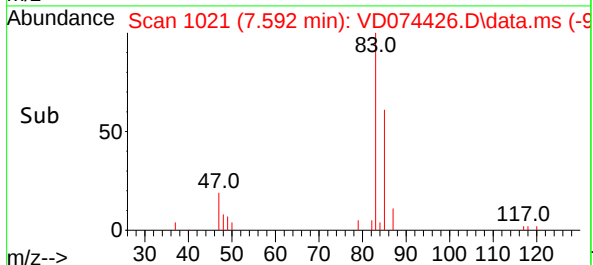
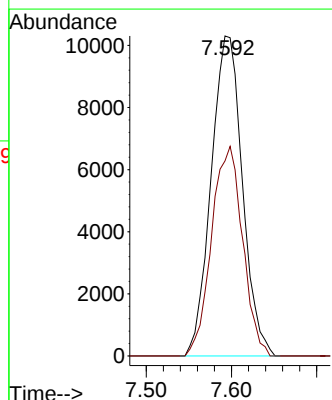
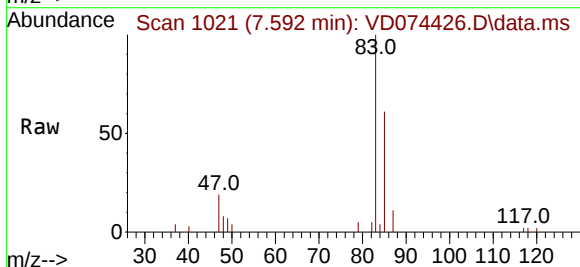
RT: 7.592 min Scan# 1021

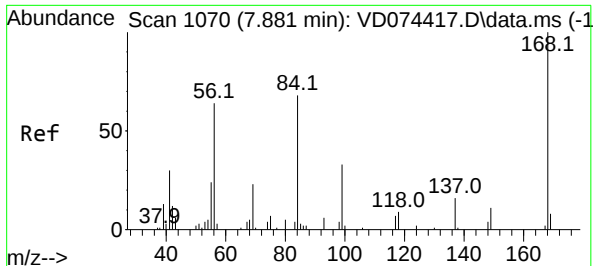
Delta R.T. -0.006 min

Lab File: VD074426.D

Acq: 26 Sep 2022 18:35

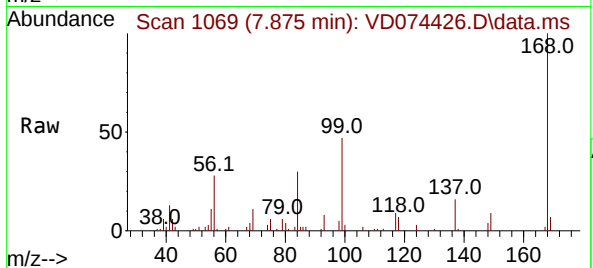
Tgt Ion: 83 Resp: 26298
 Ion Ratio Lower Upper
 83 100
 85 61.0 52.0 78.0





#31
Cyclohexane
Concen: 21.471 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

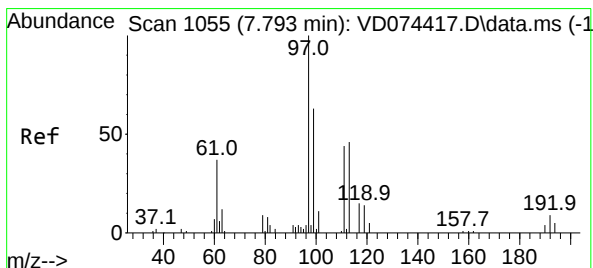
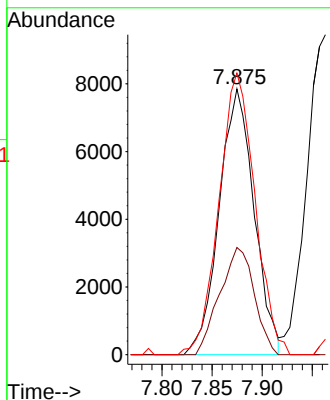
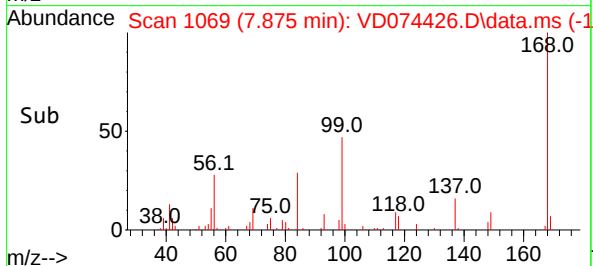
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBSD01



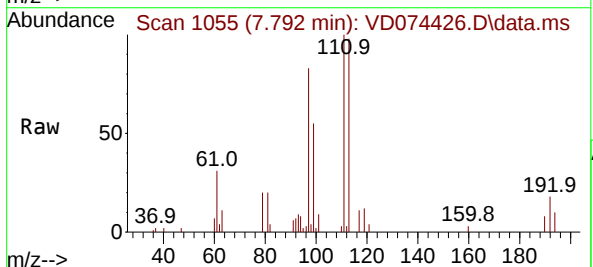
Tgt Ion: 56 Resp: 19010
Ion Ratio Lower Upper
56 100
69 40.3 29.2 43.8
84 105.9 83.4 125.2

Manual Integrations
APPROVED

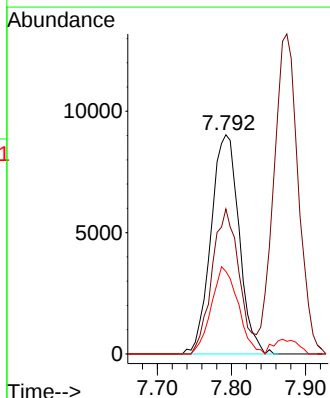
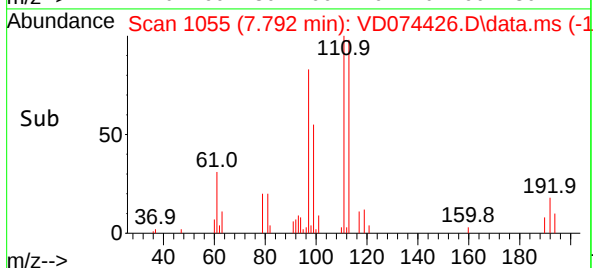
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

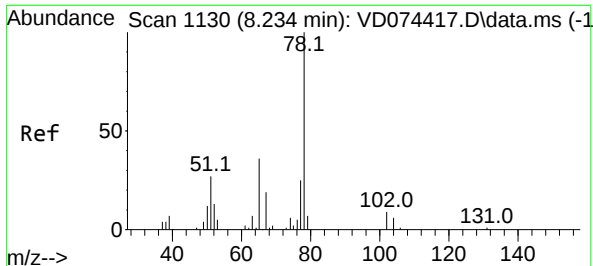


#32
1,1,1-Trichloroethane
Concen: 22.017 ug/l
RT: 7.792 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35



Tgt Ion: 97 Resp: 23790
Ion Ratio Lower Upper
97 100
99 63.7 53.3 79.9
61 37.7 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 50.360 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074426.D

Acq: 26 Sep 2022 18:35

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion: 65 Resp: 26260

Ion Ratio Lower Upper

65 100

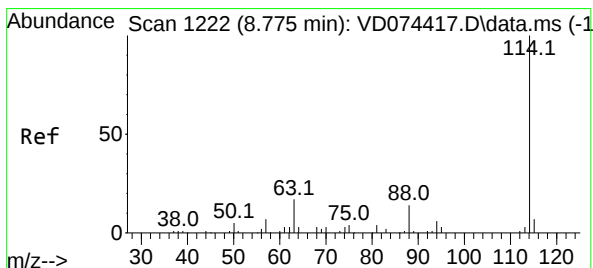
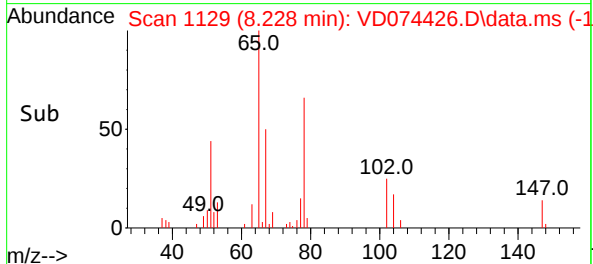
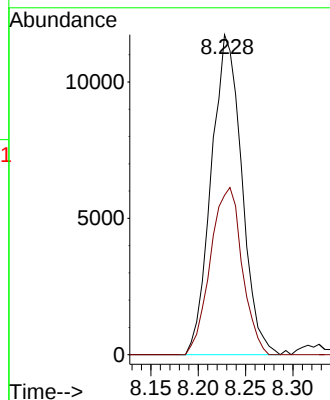
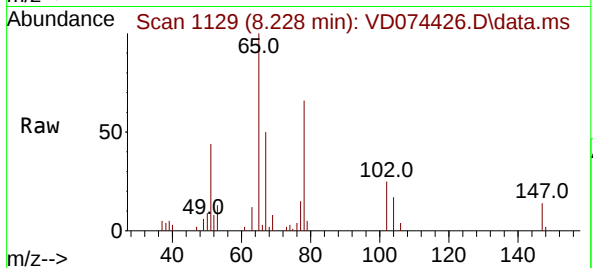
67 54.3 0.0 110.2

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: VD074426.D

Acq: 26 Sep 2022 18:35

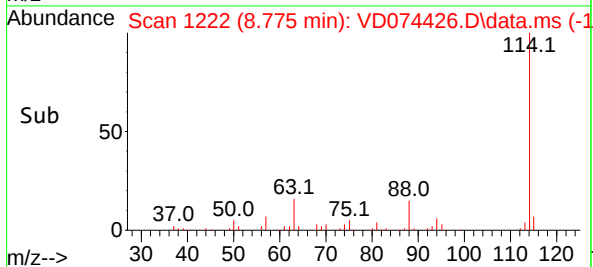
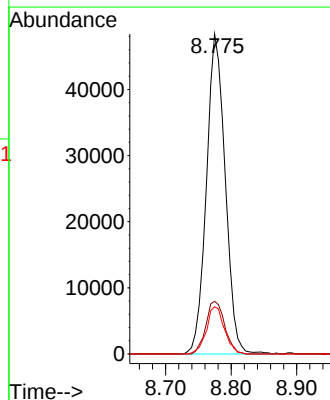
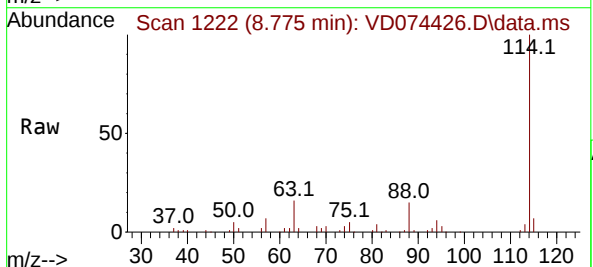
Tgt Ion:114 Resp: 96401

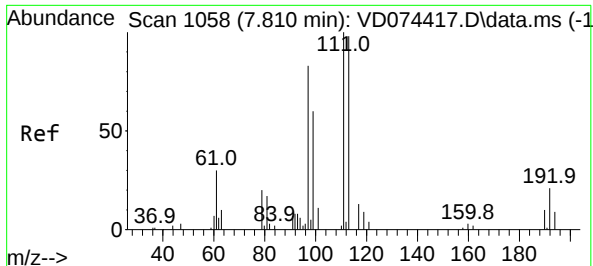
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 14.8 0.0 28.2





#35

Dibromofluoromethane

Concen: 52.916 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD074426.D

Acq: 26 Sep 2022 18:35

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion: 113 Resp: 34209

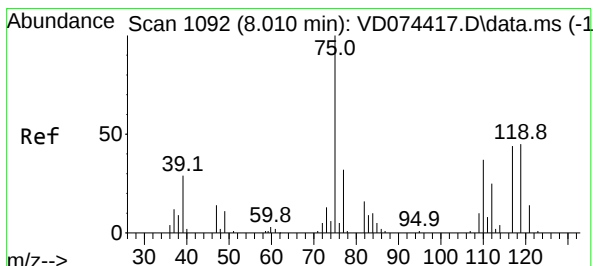
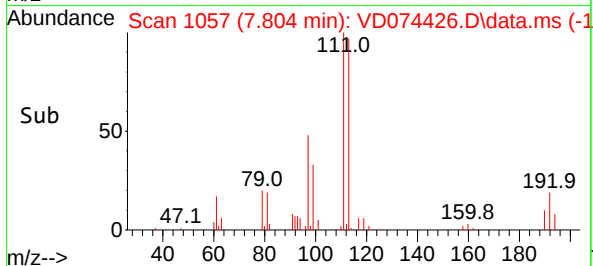
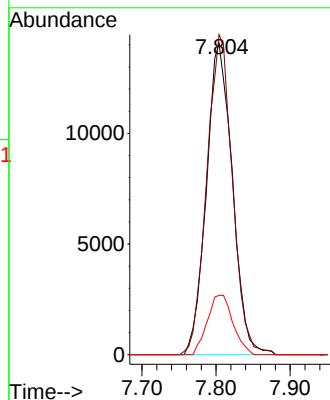
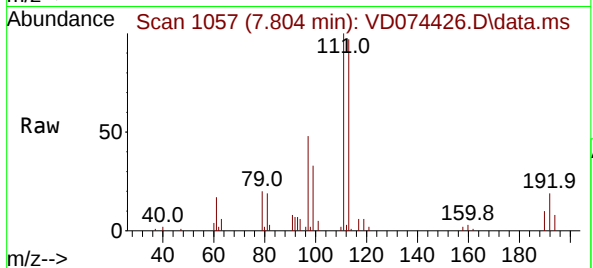
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.3	123.5
192	18.9	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#36

1,1-Dichloropropene

Concen: 21.960 ug/l

RT: 8.004 min Scan# 1091

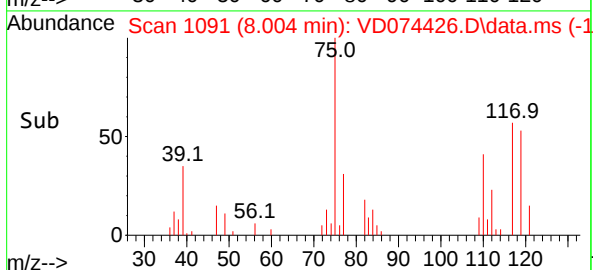
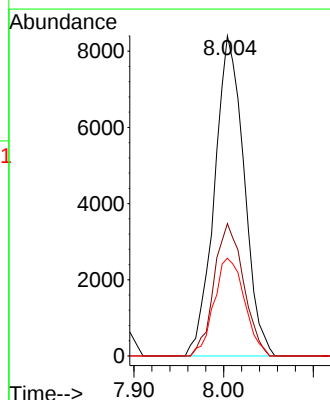
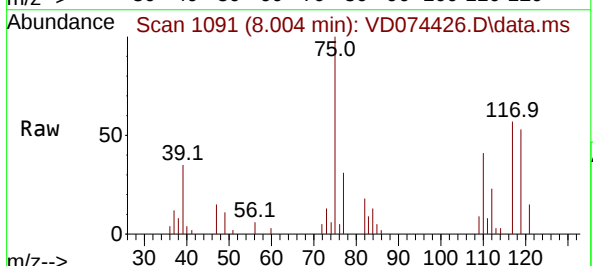
Delta R.T. -0.006 min

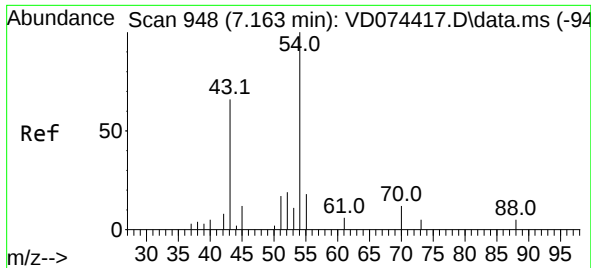
Lab File: VD074426.D

Acq: 26 Sep 2022 18:35

Tgt Ion: 75 Resp: 19224

Ion	Ratio	Lower	Upper
75	100		
110	41.1	19.7	59.0
77	31.5	25.4	38.2





#37

Ethyl Acetate

Concen: 21.368 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD074426.D

Acq: 26 Sep 2022 18:35

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion: 43 Resp: 6164

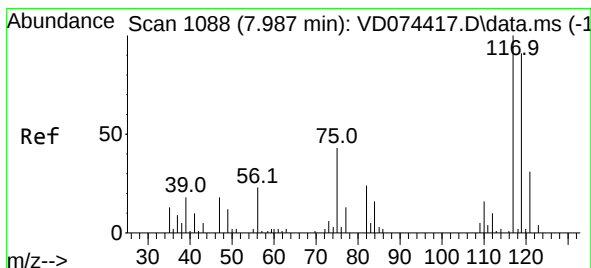
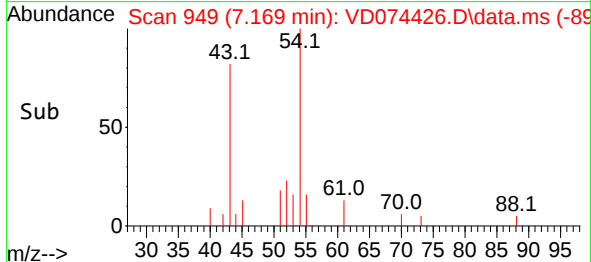
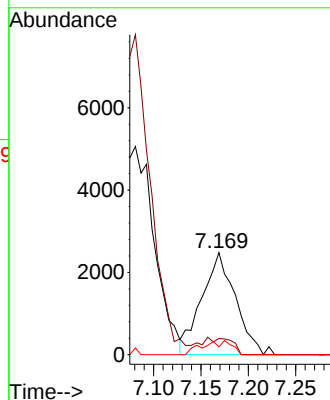
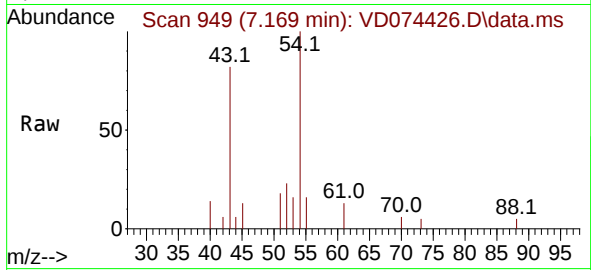
Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.2	18.4
70	7.3	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#38

Carbon Tetrachloride

Concen: 21.094 ug/l

RT: 7.992 min Scan# 1089

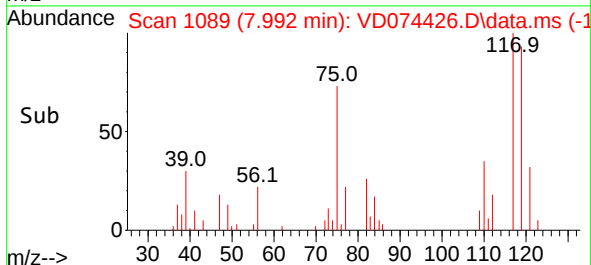
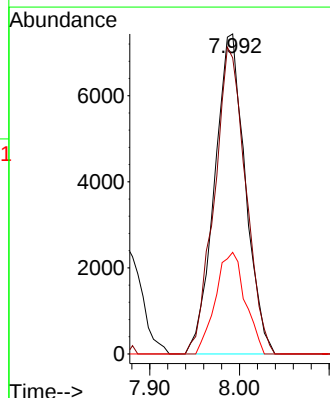
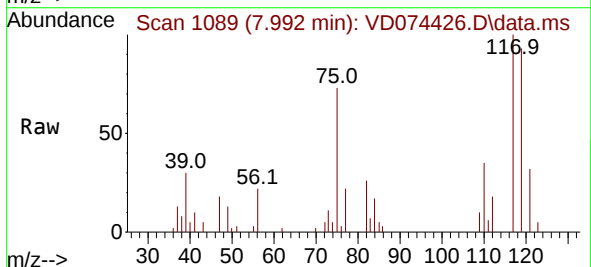
Delta R.T. 0.006 min

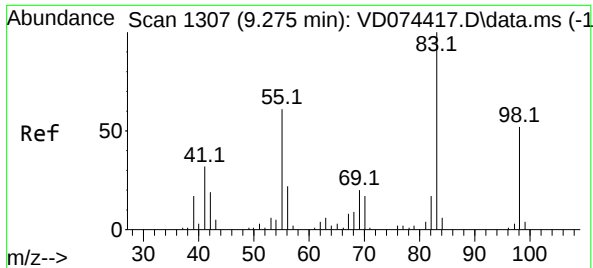
Lab File: VD074426.D

Acq: 26 Sep 2022 18:35

Tgt Ion:117 Resp: 17671

Ion	Ratio	Lower	Upper
117	100		
119	92.6	73.1	109.7
121	31.7	25.0	37.6





#39

Methylcyclohexane

Concen: 21.630 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD074426.D

Acq: 26 Sep 2022 18:35

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

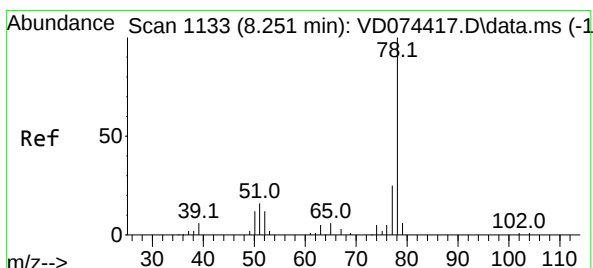
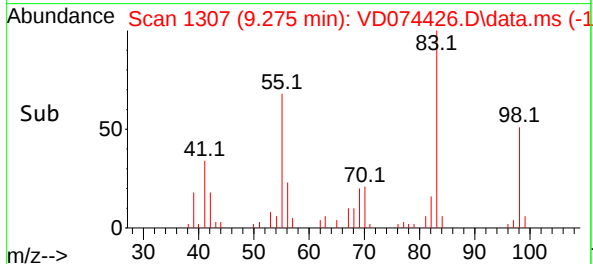
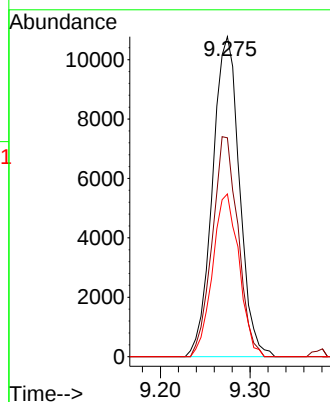
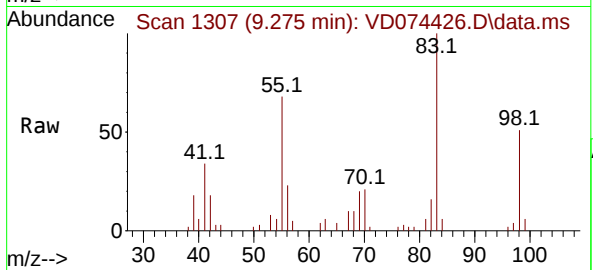
Tgt Ion: 83 Resp: 22438
 Ion Ratio Lower Upper
 83 100
 55 68.4 49.0 73.4
 98 50.8 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#40

Benzene

Concen: 21.338 ug/l

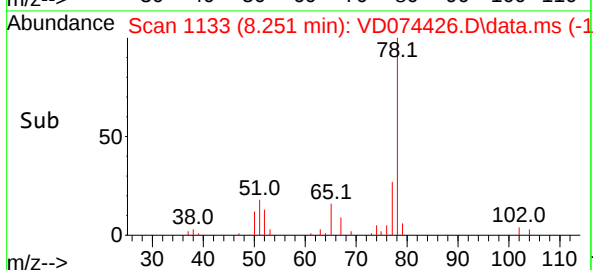
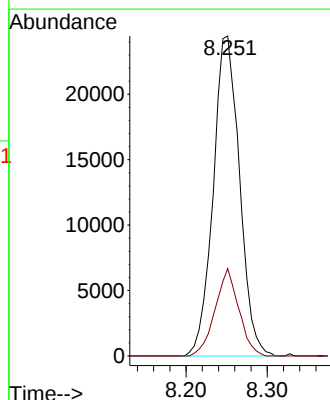
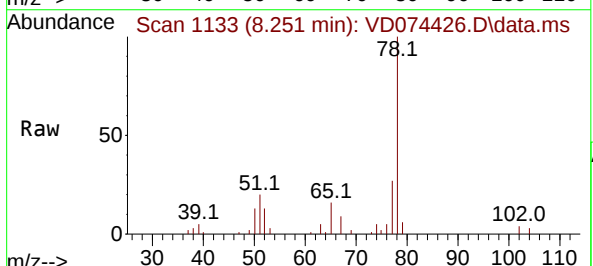
RT: 8.251 min Scan# 1133

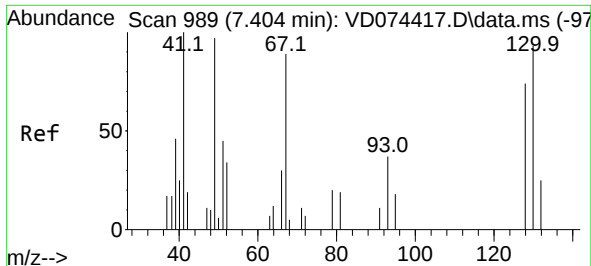
Delta R.T. -0.000 min

Lab File: VD074426.D

Acq: 26 Sep 2022 18:35

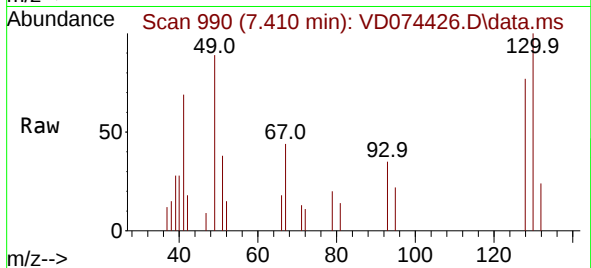
Tgt Ion: 78 Resp: 55144
 Ion Ratio Lower Upper
 78 100
 77 27.3 20.1 30.1





#41
Methacrylonitrile
Concen: 20.740 ug/l
RT: 7.410 min Scan# 990
Delta R.T. 0.006 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

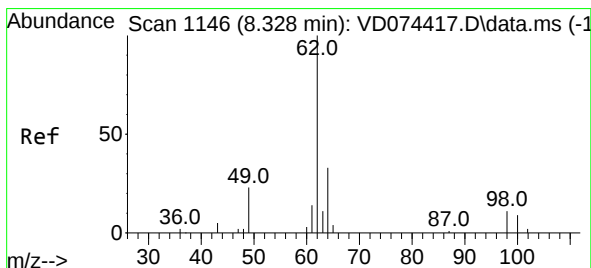
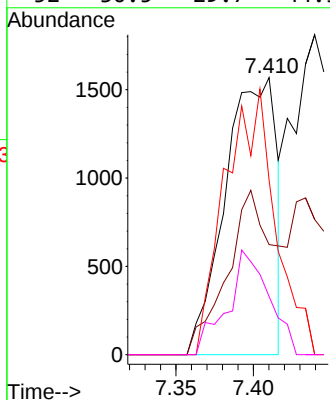
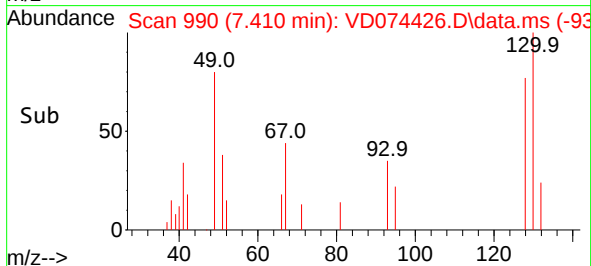
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



Tgt Ion: 41 Resp: 3608
Ion Ratio Lower Upper
41 100
39 51.4 35.0 52.6
67 93.8 77.0 115.6
52 30.5 29.7 44.5

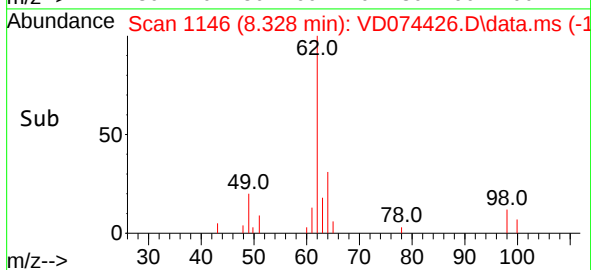
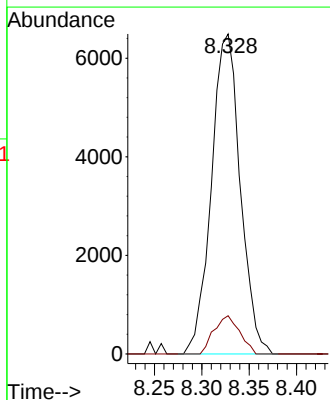
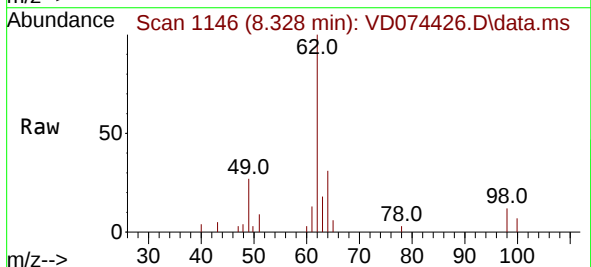
Manual Integrations
APPROVED

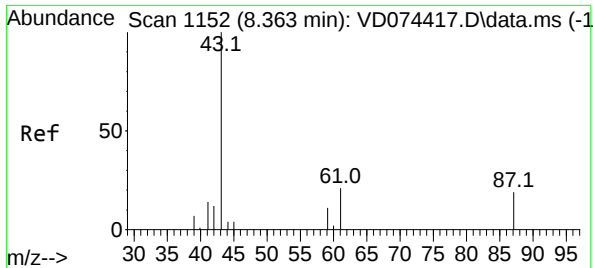
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#42
1,2-Dichloroethane
Concen: 21.255 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

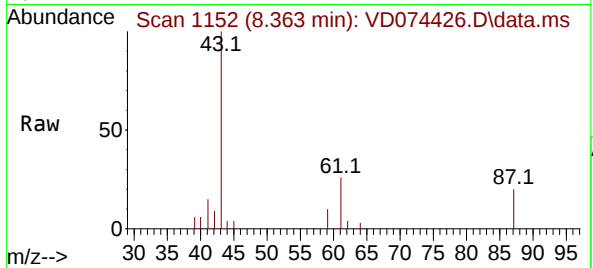
Tgt Ion: 62 Resp: 13781
Ion Ratio Lower Upper
62 100
98 10.6 0.0 24.2





#43
Isopropyl Acetate
Concen: 21.487 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

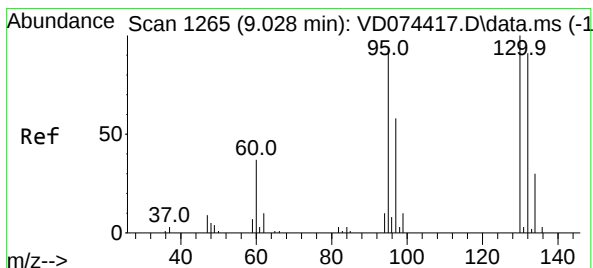
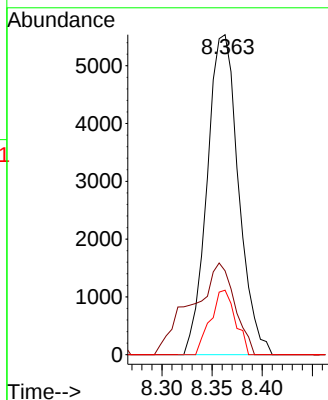
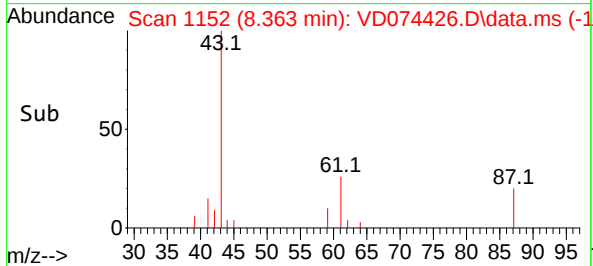
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



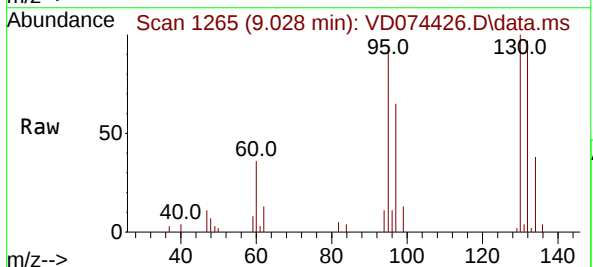
Tgt Ion: 43 Resp: 1205
Ion Ratio Lower Upper
43 100
61 39.2 30.9 46.3
87 15.9 14.3 21.5

Manual Integrations
APPROVED

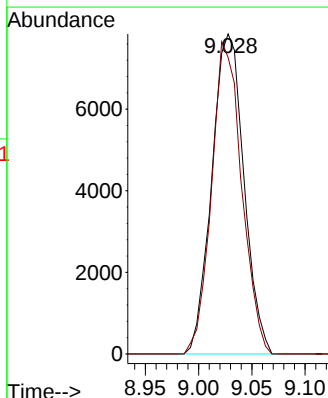
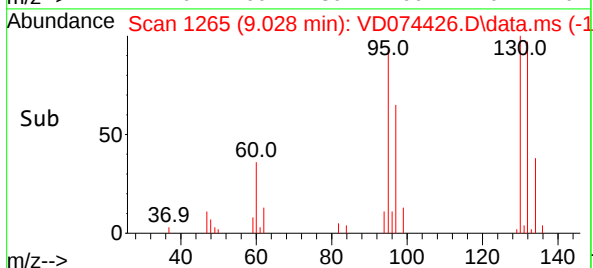
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

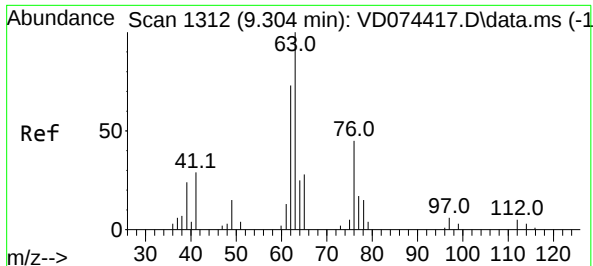


#44
Trichloroethene
Concen: 20.757 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35



Tgt Ion:130 Resp: 16407
Ion Ratio Lower Upper
130 100
95 92.6 0.0 185.4





#45

1,2-Dichloropropane

Concen: 20.960 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD074426.D

Acq: 26 Sep 2022 18:35

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion: 63 Resp: 1284

Ion Ratio Lower Upper

63 100

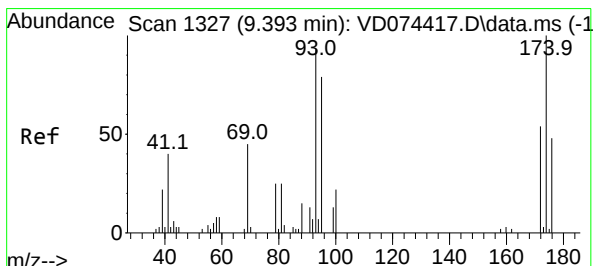
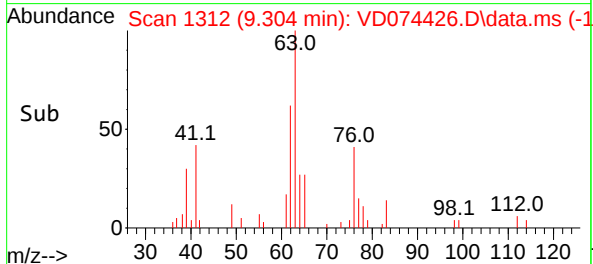
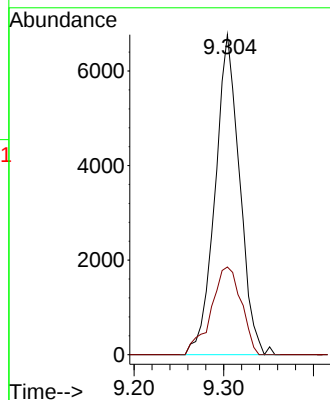
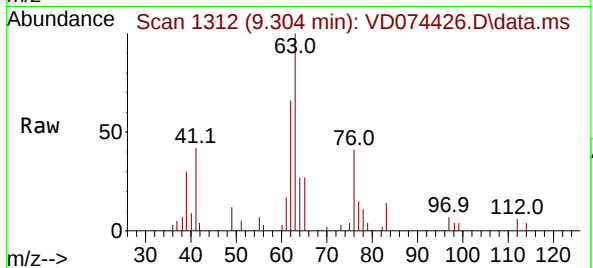
65 27.4 23.1 34.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#46

Dibromomethane

Concen: 21.075 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD074426.D

Acq: 26 Sep 2022 18:35

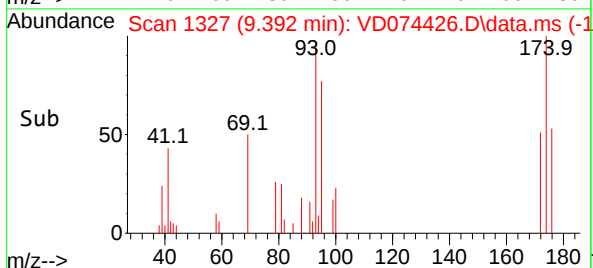
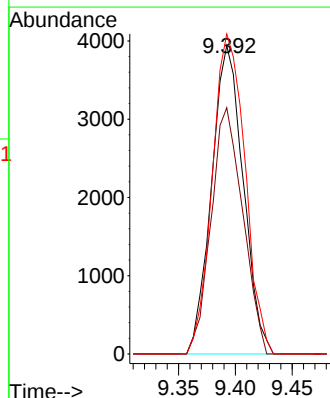
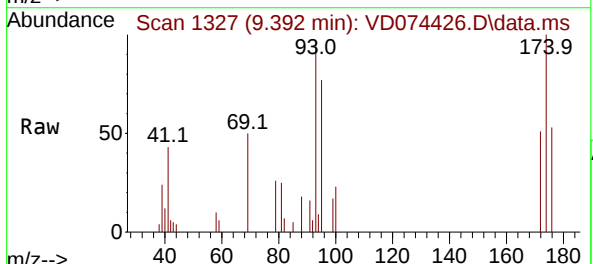
Tgt Ion: 93 Resp: 7630

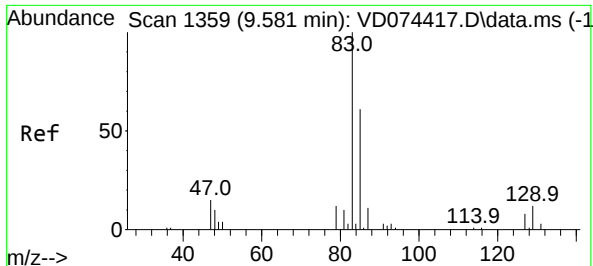
Ion Ratio Lower Upper

93 100

95 79.8 68.2 102.2

174 106.9 87.4 131.0





#47

Bromodichloromethane

Concen: 20.401 ug/l

RT: 9.586 min Scan# 1360

Delta R.T. 0.006 min

Lab File: VD074426.D

Acq: 26 Sep 2022 18:35

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion: 83 Resp: 1910

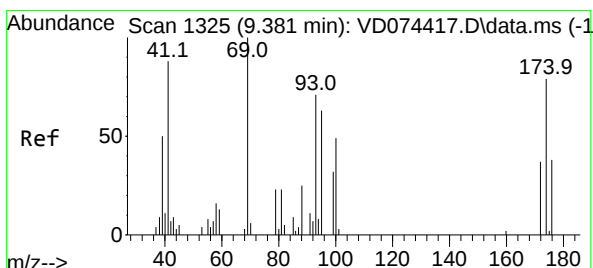
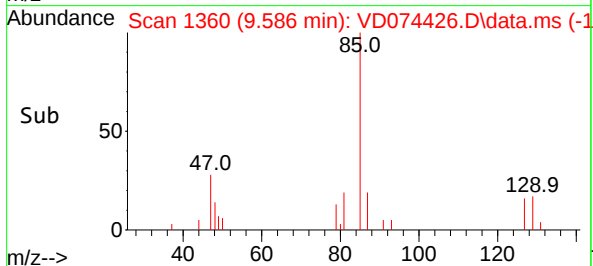
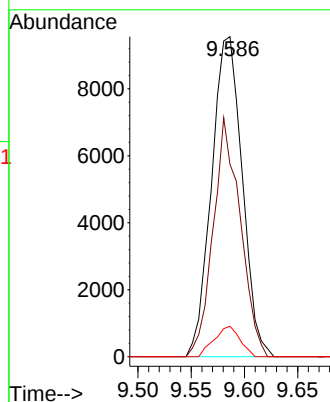
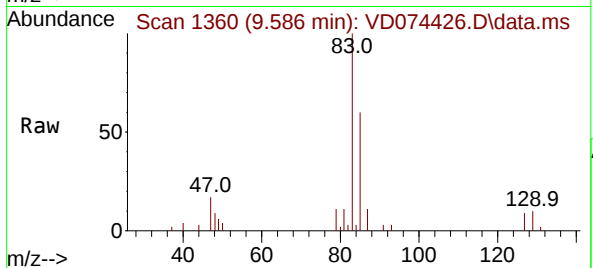
Ion	Ratio	Lower	Upper
83	100		
85	60.2	48.8	73.2
127	9.5	6.7	10.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#48

Methyl methacrylate

Concen: 22.623 ug/l

RT: 9.381 min Scan# 1325

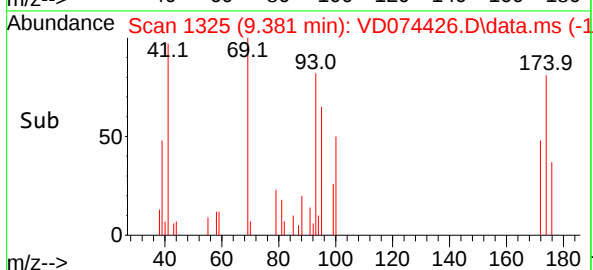
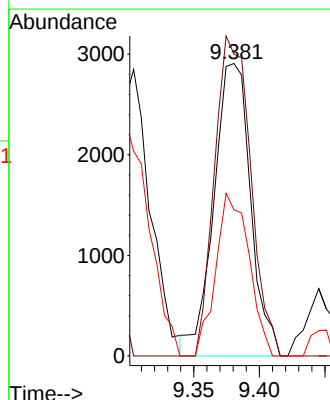
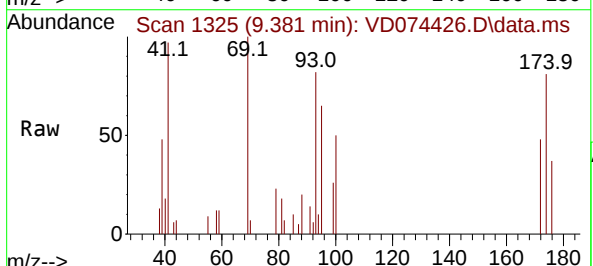
Delta R.T. -0.000 min

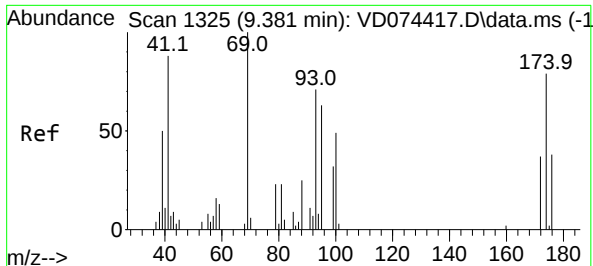
Lab File: VD074426.D

Acq: 26 Sep 2022 18:35

Tgt Ion: 41 Resp: 5667

Ion	Ratio	Lower	Upper
41	100		
69	107.2	93.0	139.4
39	50.1	44.6	66.8





#49

1,4-Dioxane

Concen: 439.305 ug/l

RT: 9.386 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD074426.D

Acq: 26 Sep 2022 18:35

Instrument :

MSVOA_D

ClientSampleId :

VD0926SBS01

Tgt Ion: 88 Resp: 1673

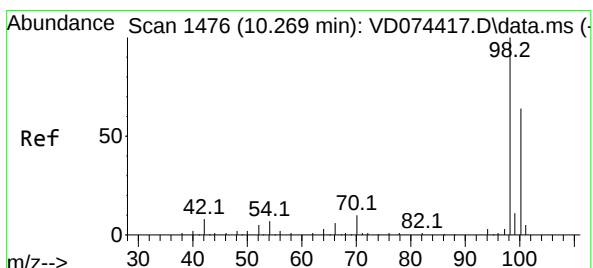
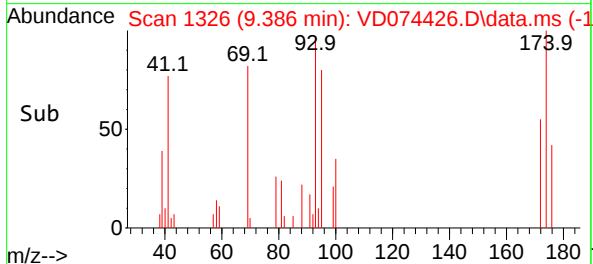
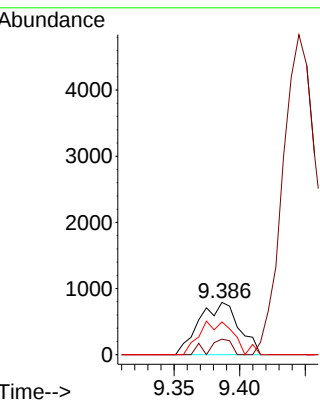
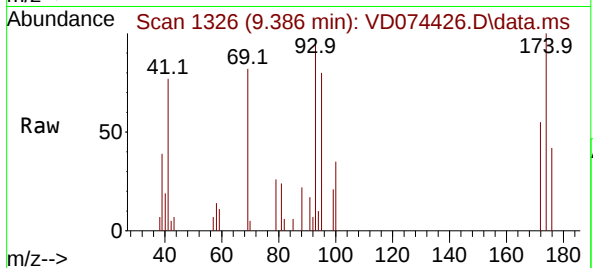
Ion	Ratio	Lower	Upper
88	100		
43	16.9	24.1	36.1
58	55.6	43.1	64.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#50

Toluene-d8

Concen: 53.699 ug/l

RT: 10.269 min Scan# 1476

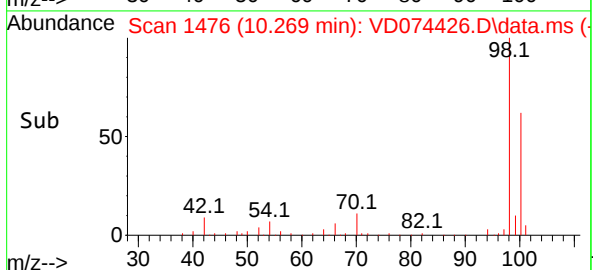
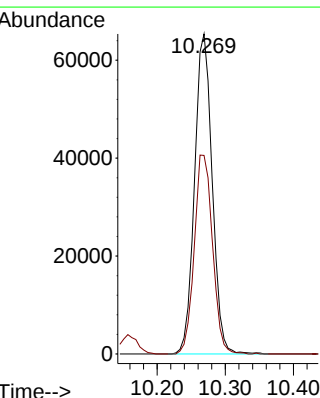
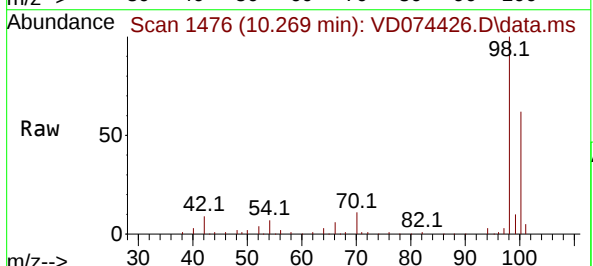
Delta R.T. -0.000 min

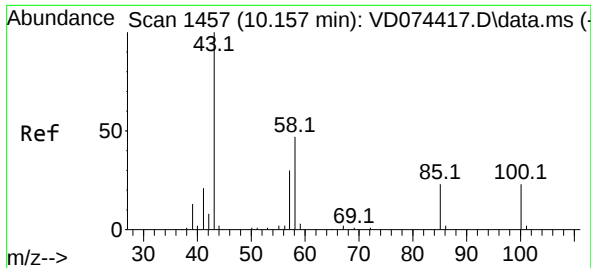
Lab File: VD074426.D

Acq: 26 Sep 2022 18:35

Tgt Ion: 98 Resp: 117724

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0





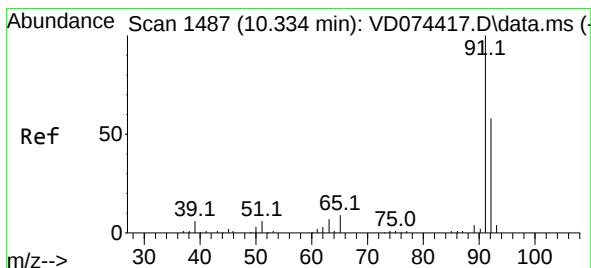
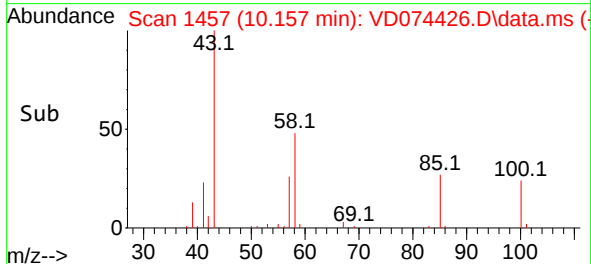
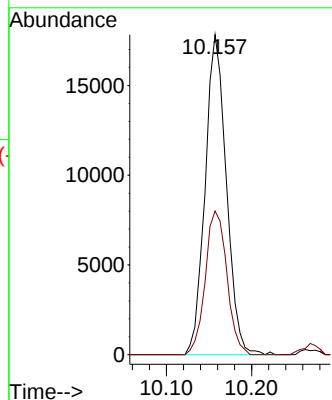
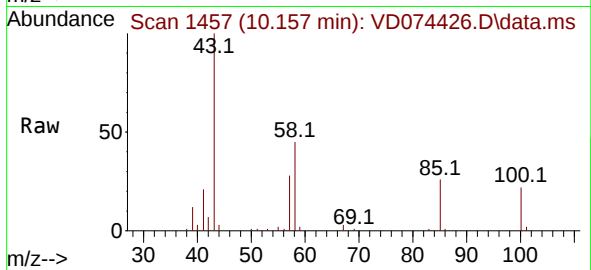
#51
4-Methyl-2-Pentanone
Concen: 106.842 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBSD01

Tgt Ion: 43 Resp: 30794
Ion Ratio Lower Upper
43 100
58 45.8 37.8 56.6

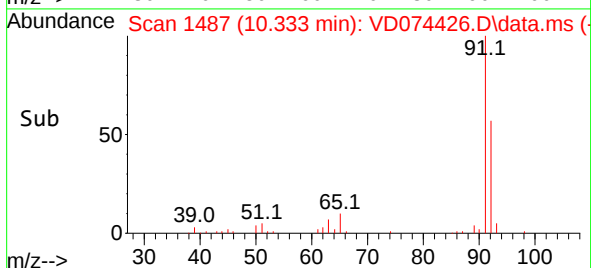
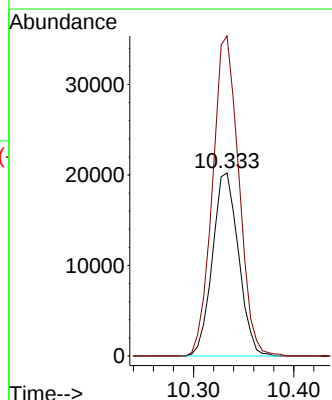
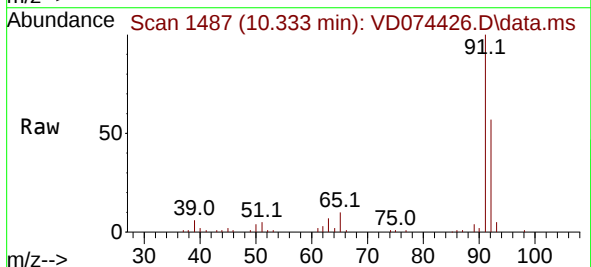
Manual Integrations
APPROVED

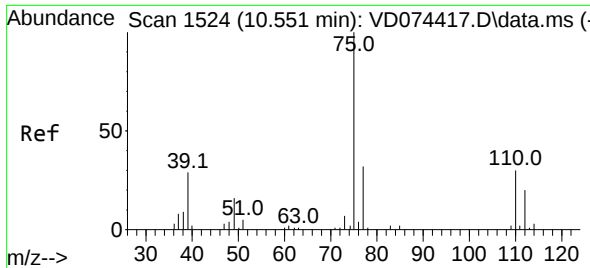
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#52
Toluene
Concen: 21.813 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

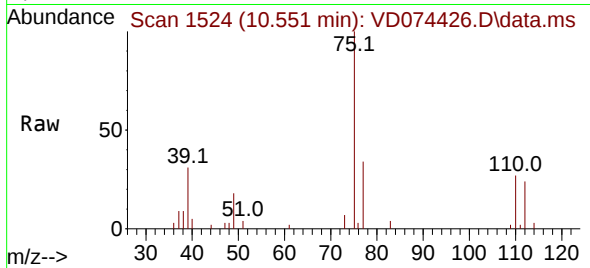
Tgt Ion: 92 Resp: 36435
Ion Ratio Lower Upper
92 100
91 177.1 139.0 208.4





#53
 t-1,3-Dichloropropene
 Concen: 21.044 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD074426.D
 Acq: 26 Sep 2022 18:35

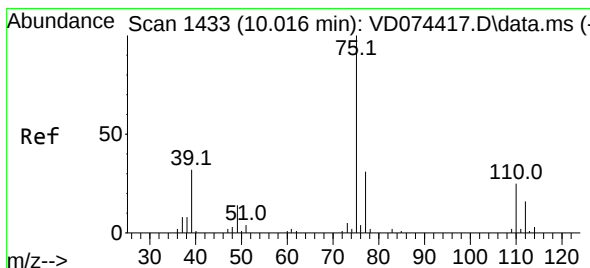
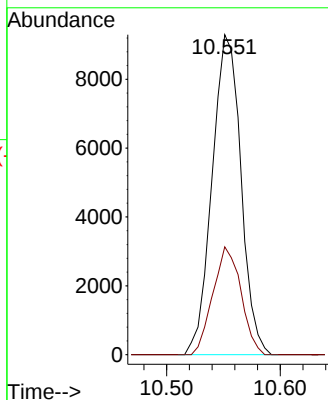
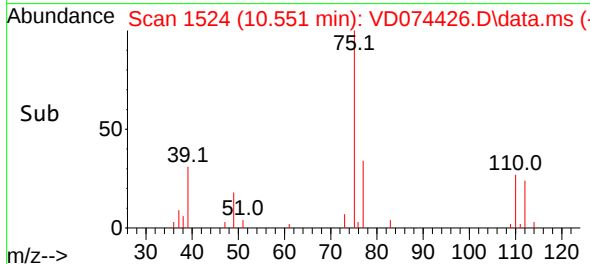
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0926SBS01



Tgt Ion: 75 Resp: 1637
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.6 38.4

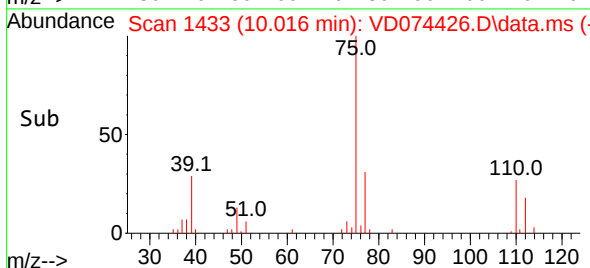
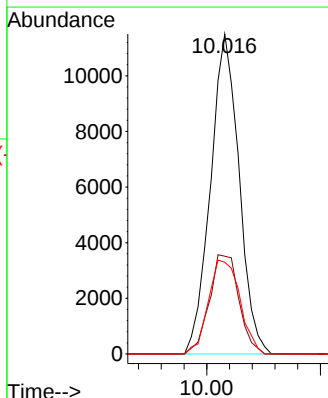
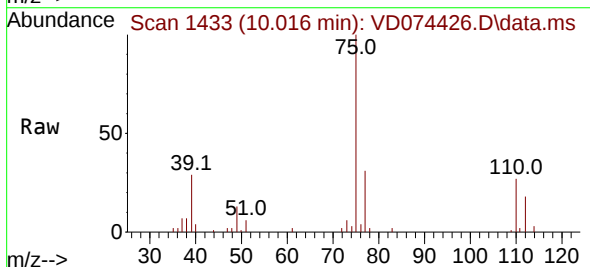
Manual Integrations
 APPROVED

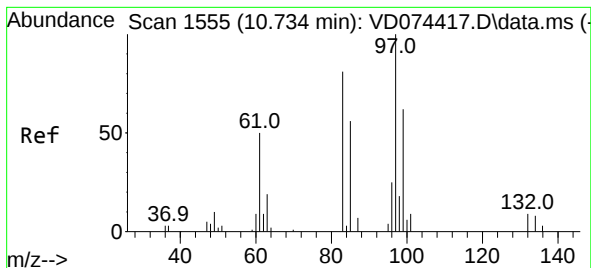
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022



#54
 cis-1,3-Dichloropropene
 Concen: 20.186 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD074426.D
 Acq: 26 Sep 2022 18:35

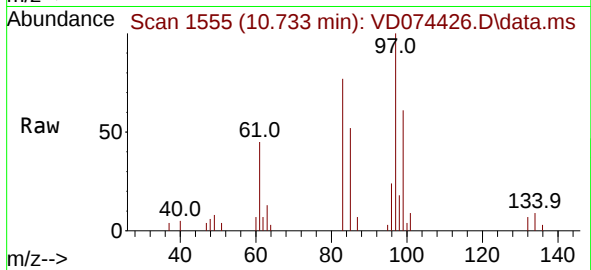
Tgt Ion: 75 Resp: 20049
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.7 37.1
 39 28.7 25.4 38.2





#55
1,1,2-Trichloroethane
Concen: 21.901 ug/l
RT: 10.733 min Scan# 11039
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

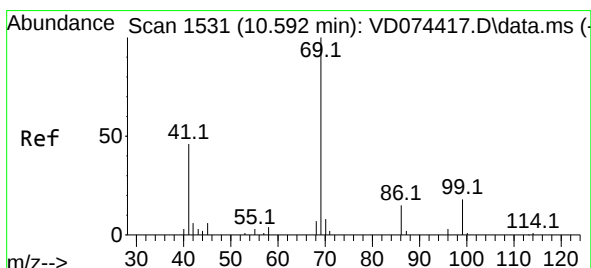
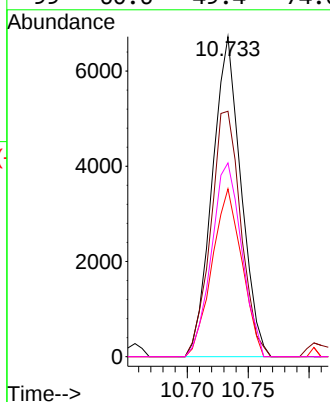
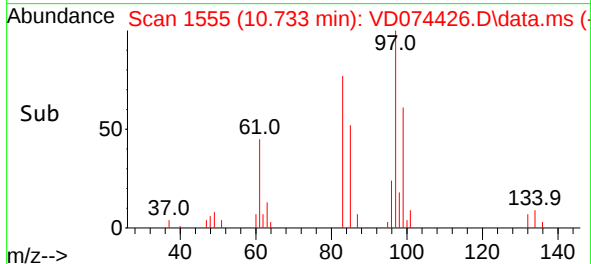
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



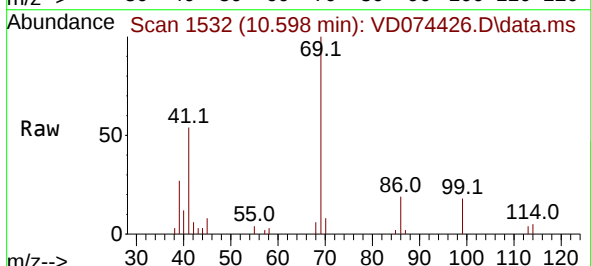
Tgt Ion:	97	Resp:	11039
Ion	Ratio	Lower	Upper
97	100		
83	76.7	64.8	97.2
85	52.4	44.8	67.2
99	60.6	49.4	74.0

Manual Integrations
APPROVED

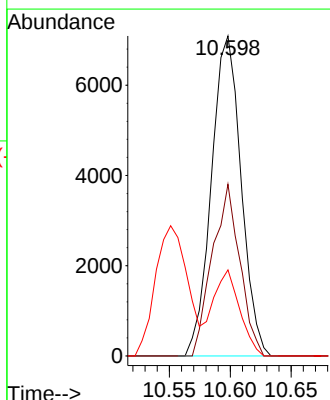
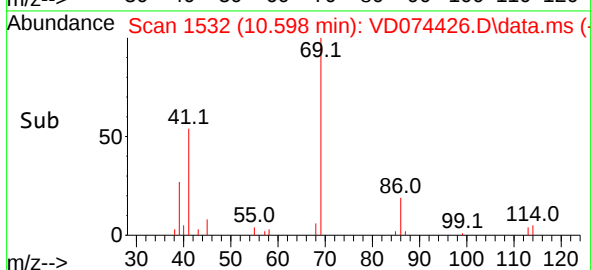
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

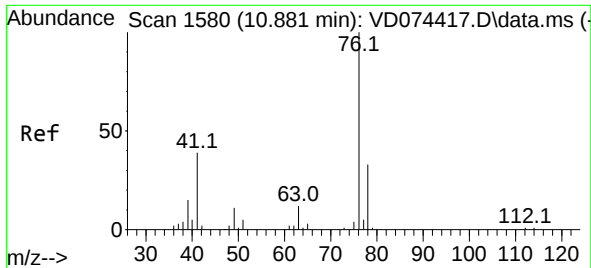


#56
Ethyl methacrylate
Concen: 21.299 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35



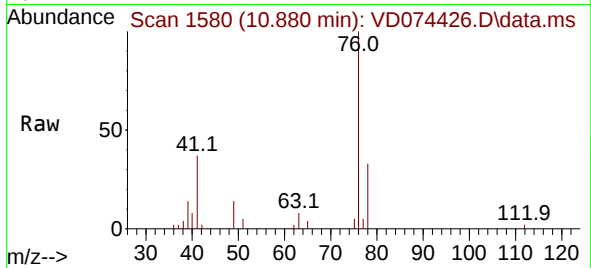
Tgt Ion:	69	Resp:	12044
Ion	Ratio	Lower	Upper
69	100		
41	49.7	38.6	58.0
39	24.7	19.9	29.9





#57
1,3-Dichloropropane
Concen: 21.531 ug/l
RT: 10.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

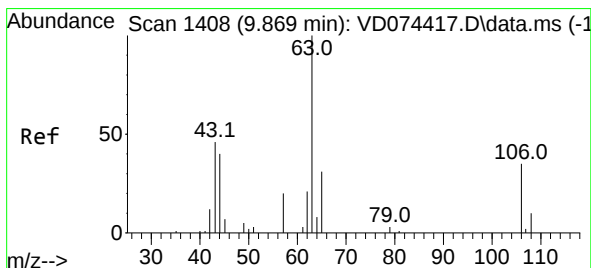
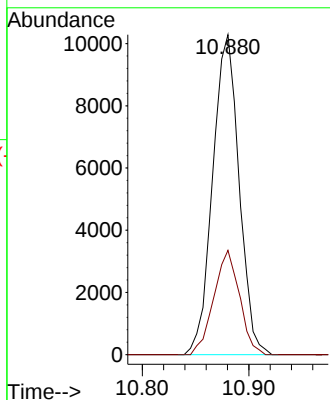
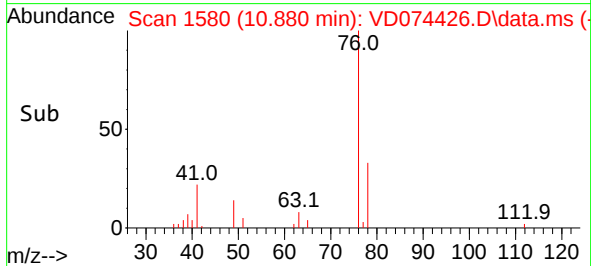
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBSD01



Tgt Ion: 76 Resp: 17694
Ion Ratio Lower Upper
76 100
78 31.8 25.7 38.5

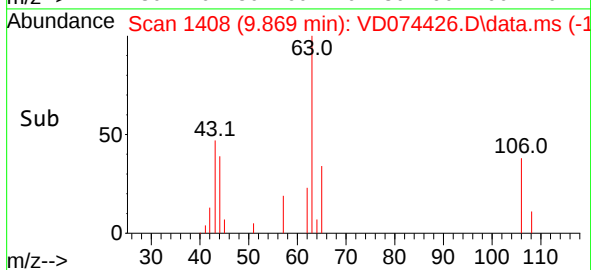
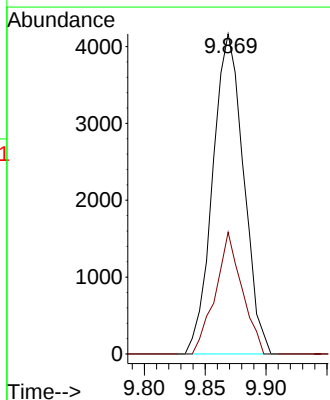
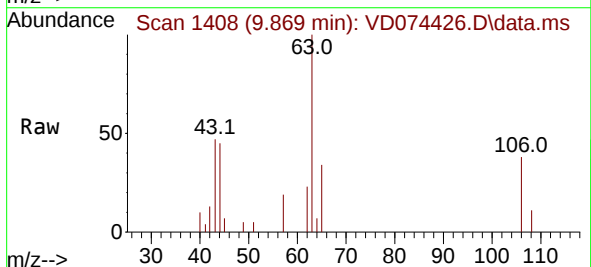
Manual Integrations
APPROVED

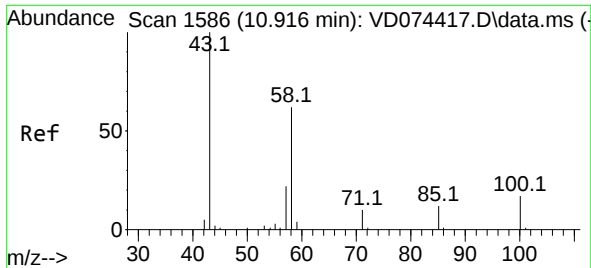
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#58
2-Chloroethyl Vinyl ether
Concen: 101.403 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

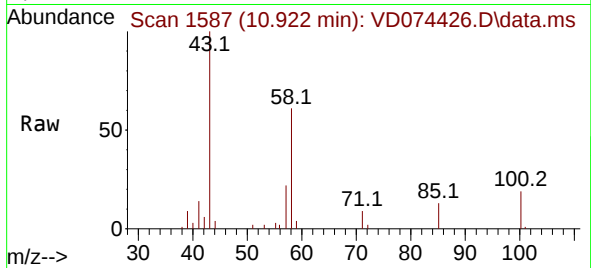
Tgt Ion: 63 Resp: 7359
Ion Ratio Lower Upper
63 100
106 32.7 26.5 39.7





#59
2-Hexanone
Concen: 104.684 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

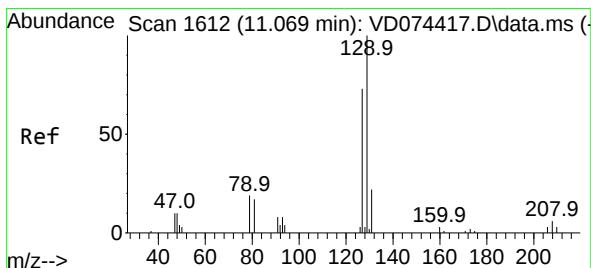
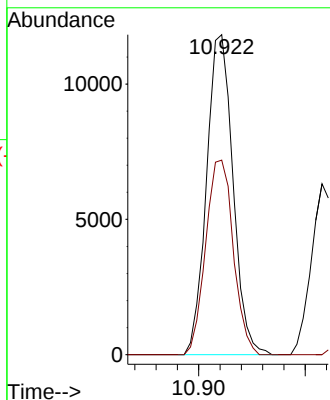
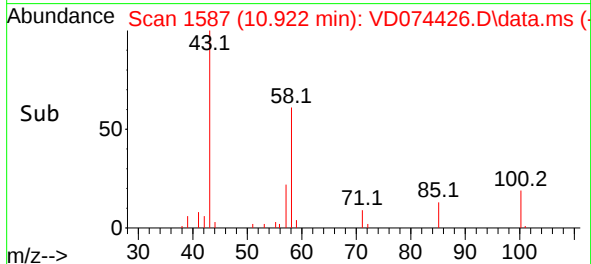
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



Tgt Ion: 43 Resp: 20364
Ion Ratio Lower Upper
43 100
58 63.5 32.0 96.2

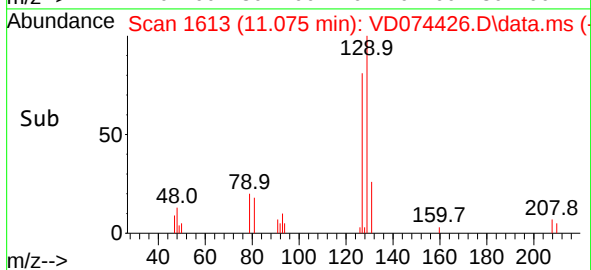
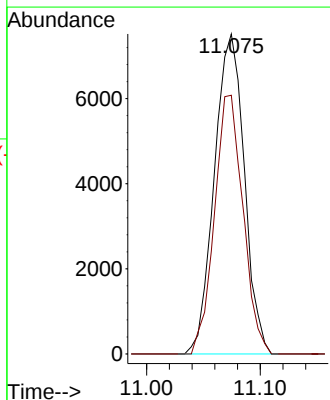
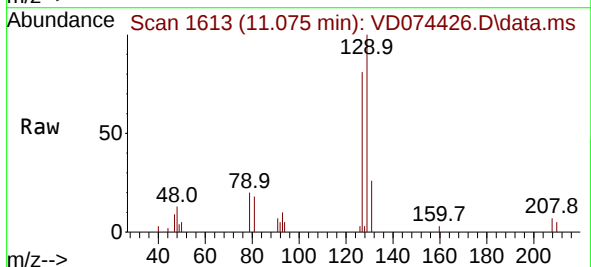
Manual Integrations
APPROVED

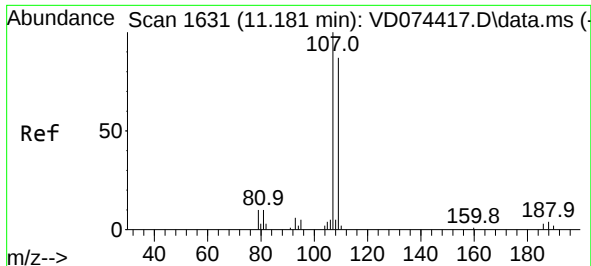
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#60
Dibromochloromethane
Concen: 21.798 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Tgt Ion:129 Resp: 13761
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





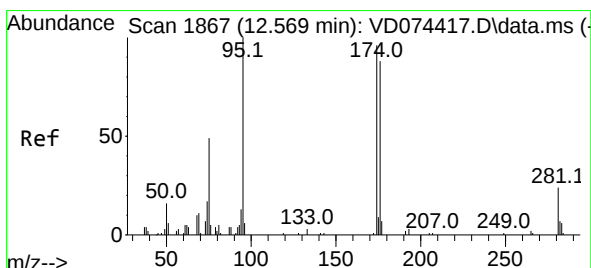
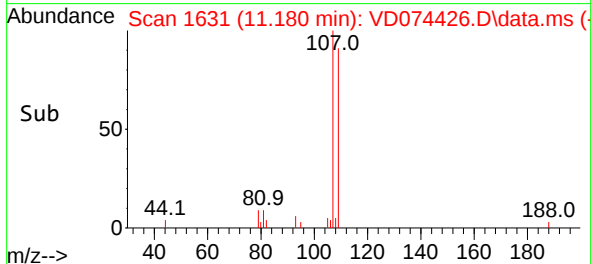
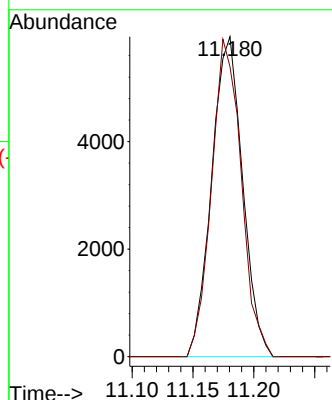
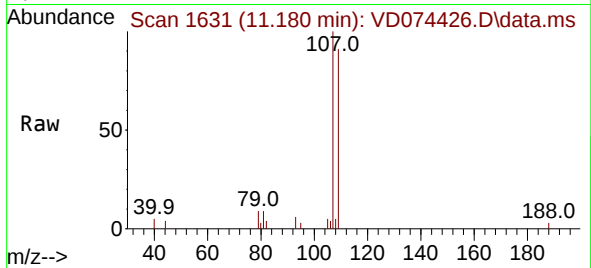
#61
1,2-Dibromoethane
Concen: 21.441 ug/l
RT: 11.180 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBSD01

Tgt Ion:107 Resp: 10500
Ion Ratio Lower Upper
107 100
109 95.5 74.6 111.8

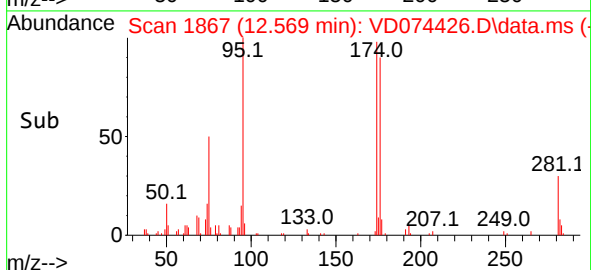
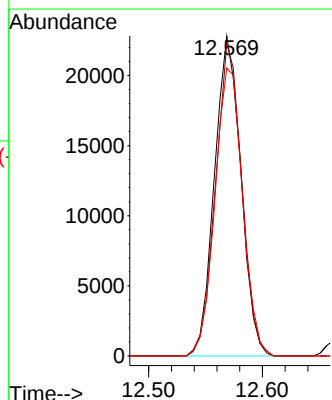
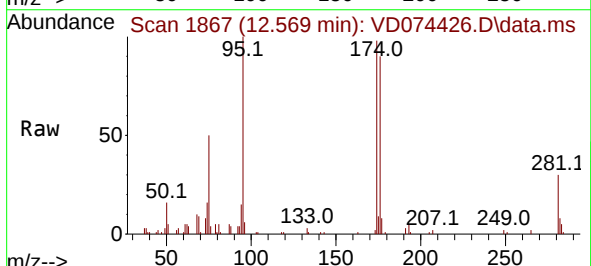
Manual Integrations
APPROVED

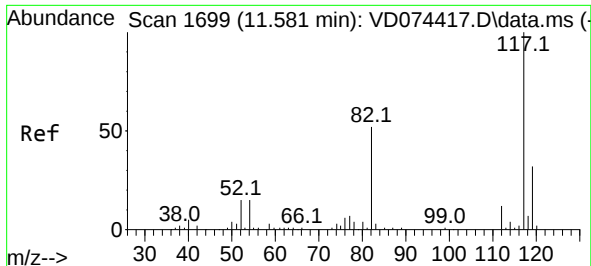
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#62
4-Bromofluorobenzene
Concen: 47.994 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

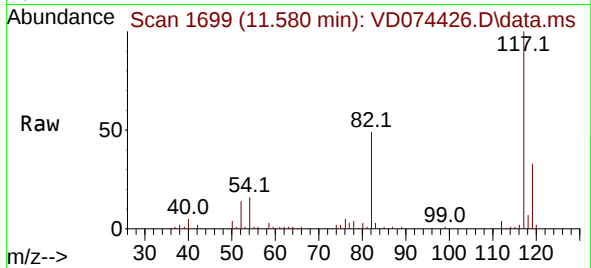
Tgt Ion: 95 Resp: 36918
Ion Ratio Lower Upper
95 100
174 96.8 0.0 197.0
176 93.7 0.0 182.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

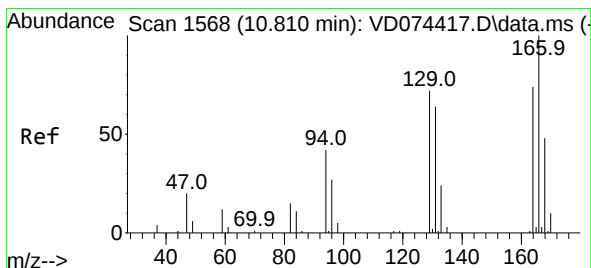
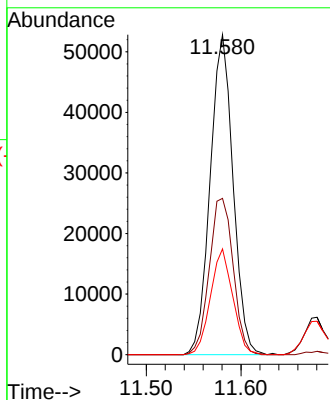
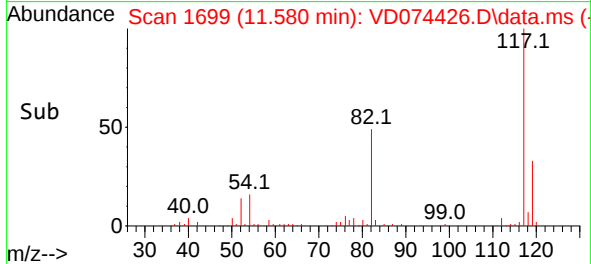
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



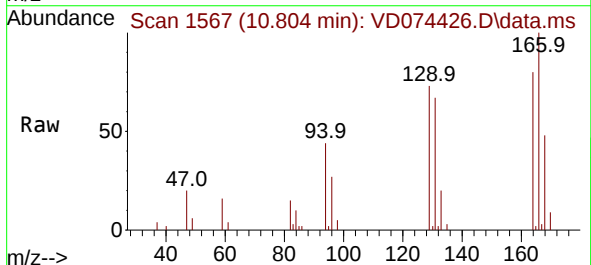
Tgt Ion:117 Resp: 88590
Ion Ratio Lower Upper
117 100
82 48.8 41.6 62.4
119 33.0 25.2 37.8

Manual Integrations
APPROVED

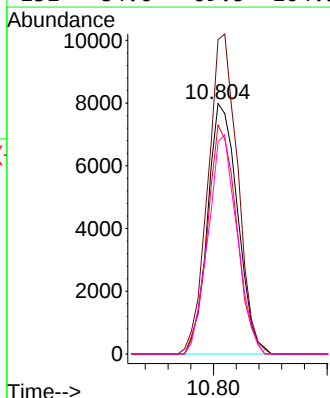
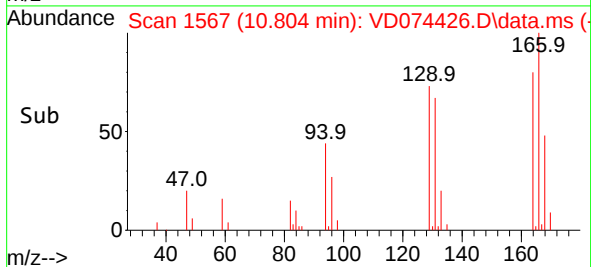
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

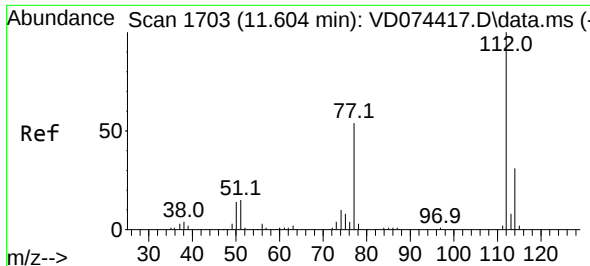


#64
Tetrachloroethene
Concen: 21.314 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35



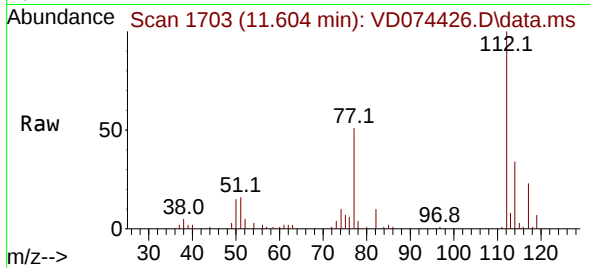
Tgt Ion:164 Resp: 14644
Ion Ratio Lower Upper
164 100
166 125.5 107.8 161.8
129 91.3 77.4 116.2
131 84.6 69.5 104.3





#65
Chlorobenzene
Concen: 21.218 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

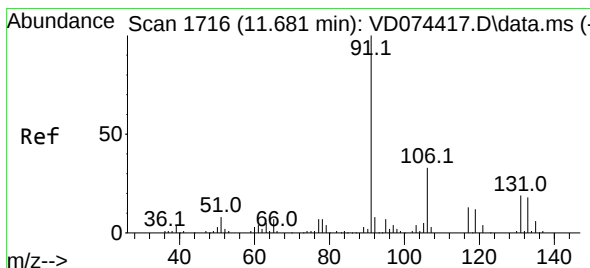
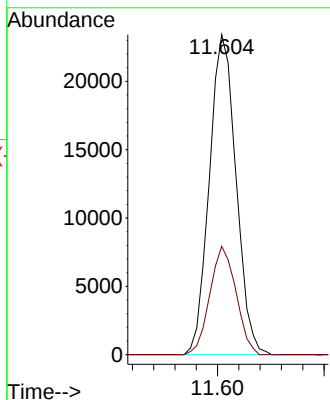
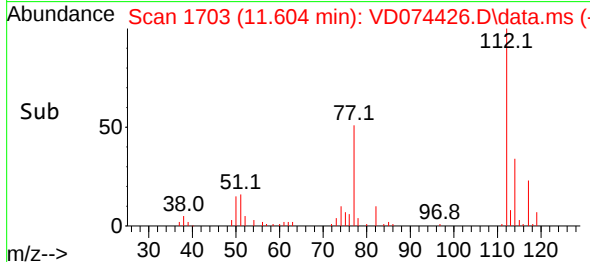
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



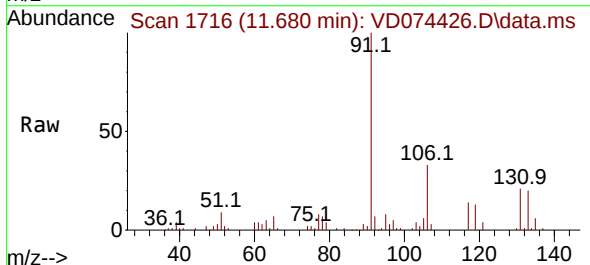
Tgt Ion:112 Resp: 4071
Ion Ratio Lower Upper
112 100
114 33.9 25.1 37.7

Manual Integrations
APPROVED

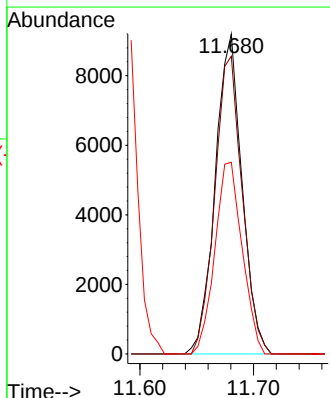
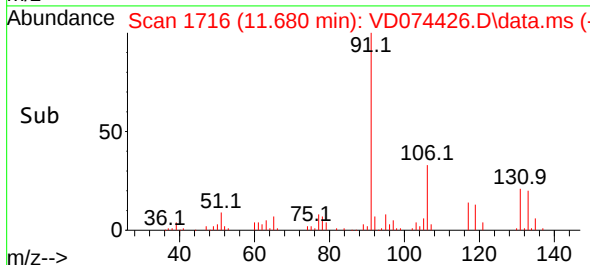
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

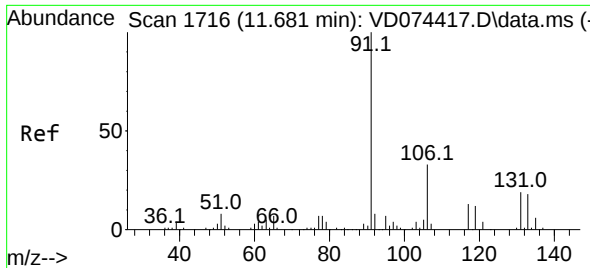


#66
1,1,1,2-Tetrachloroethane
Concen: 21.684 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35



Tgt Ion:131 Resp: 15061
Ion Ratio Lower Upper
131 100
133 95.3 46.6 139.8
119 61.2 32.5 97.4





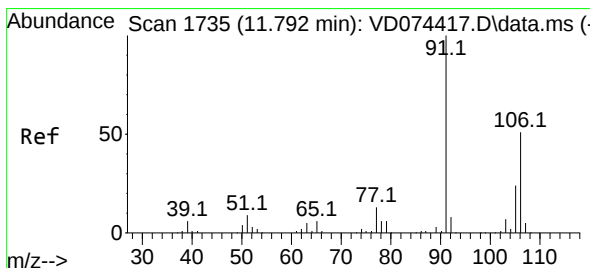
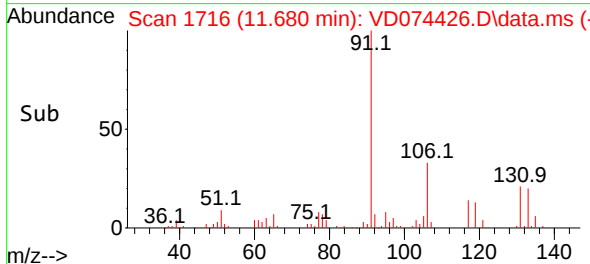
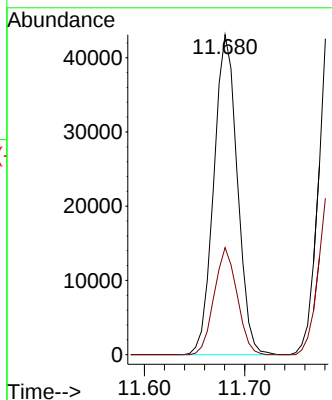
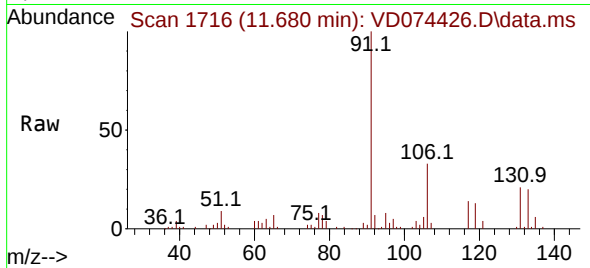
#67
Ethyl Benzene
Concen: 20.765 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01

Tgt Ion: 91 Resp: 7010
Ion Ratio Lower Upper
91 100
106 33.5 26.6 40.0

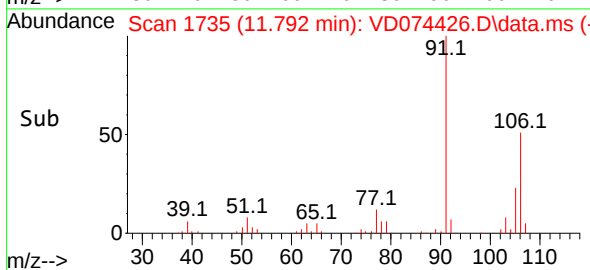
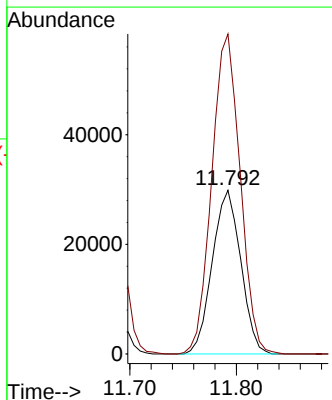
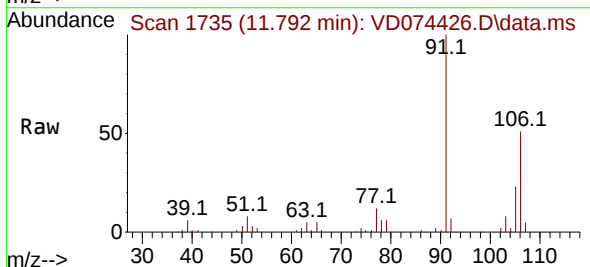
Manual Integrations
APPROVED

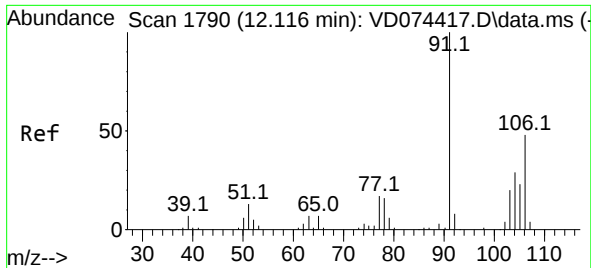
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#68
m/p-Xylenes
Concen: 41.863 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Tgt Ion:106 Resp: 55465
Ion Ratio Lower Upper
106 100
91 194.8 156.2 234.4





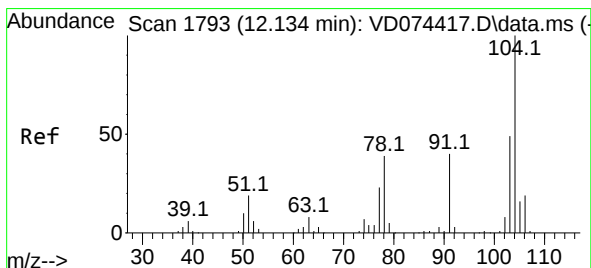
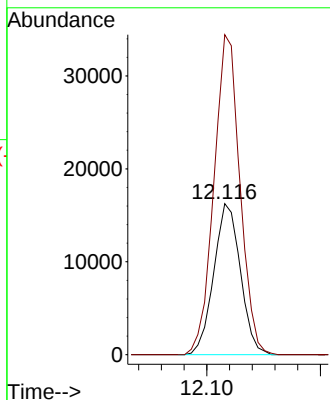
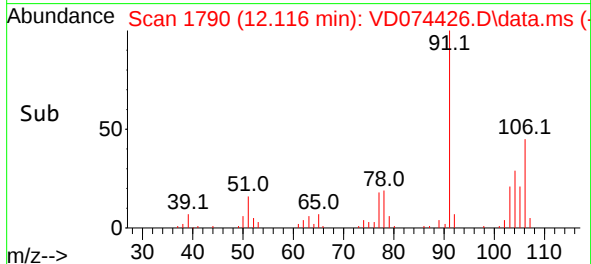
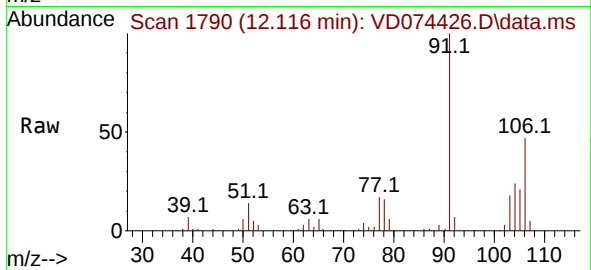
#69
o-Xylene
Concen: 21.514 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBSD01

Tgt Ion:106 Resp: 2643
Ion Ratio Lower Upper
106 100
91 207.2 104.5 313.3

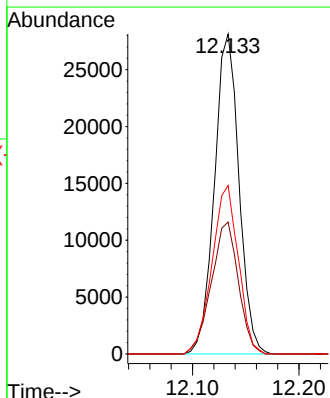
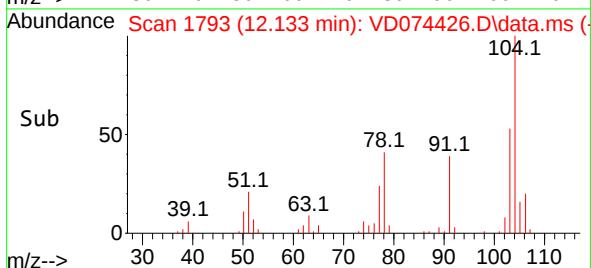
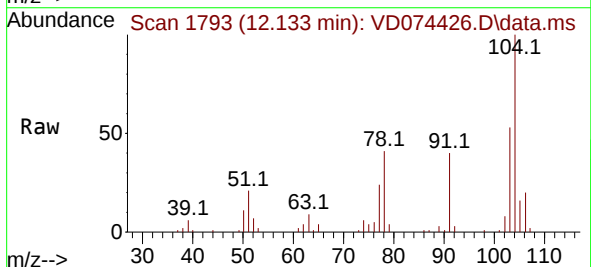
Manual Integrations
APPROVED

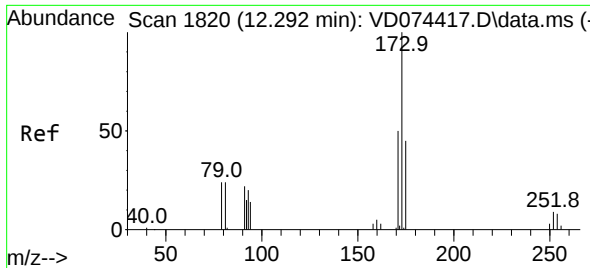
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#70
Styrene
Concen: 20.971 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

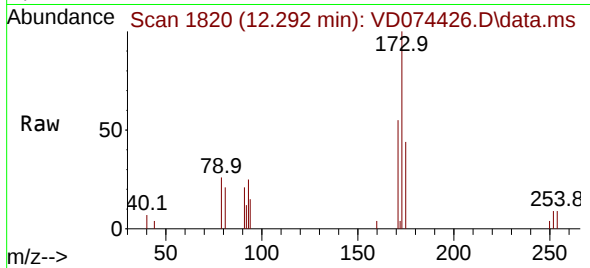
Tgt Ion:104 Resp: 44912
Ion Ratio Lower Upper
104 100
78 45.4 35.7 53.5
103 56.5 43.7 65.5





#71
Bromoform
Concen: 20.165 ug/l
RT: 12.292 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

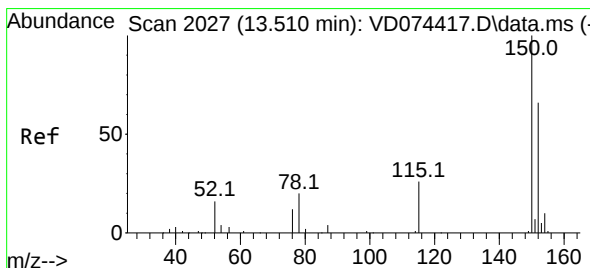
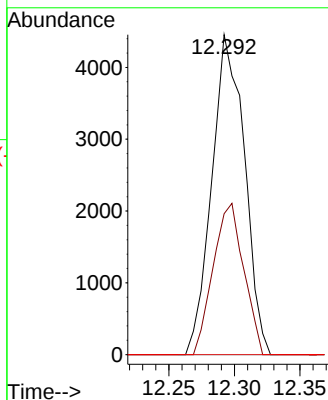
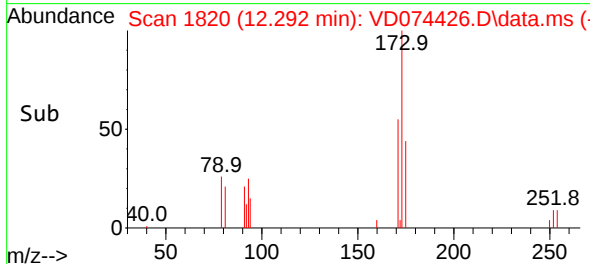
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



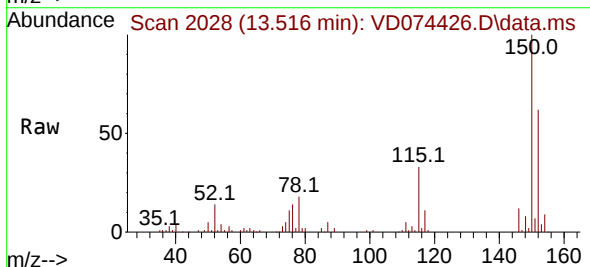
Tgt Ion:173 Resp: 7718
Ion Ratio Lower Upper
173 100
175 44.2 23.1 69.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

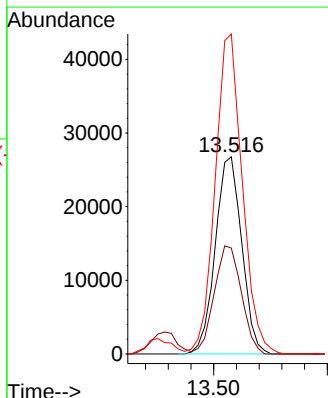
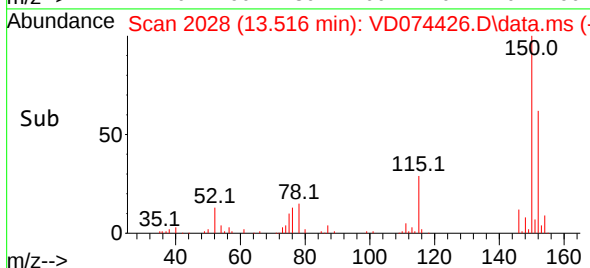
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

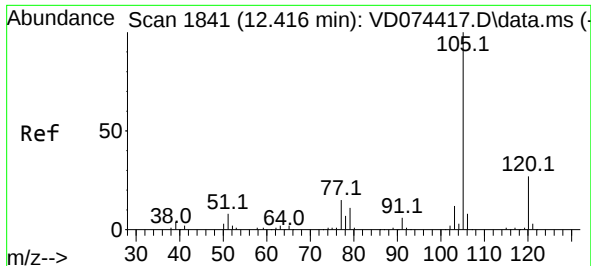


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35



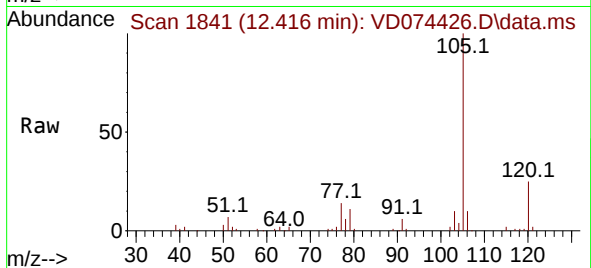
Tgt Ion:152 Resp: 43350
Ion Ratio Lower Upper
152 100
115 56.1 26.8 80.4
150 166.5 0.0 348.2





#73
Isopropylbenzene
Concen: 20.898 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

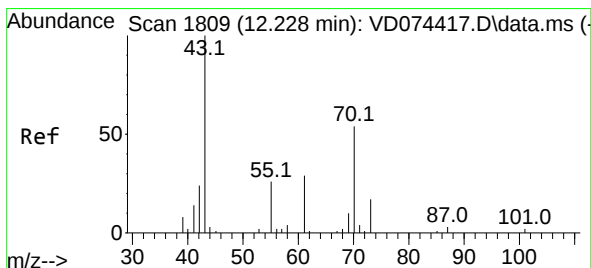
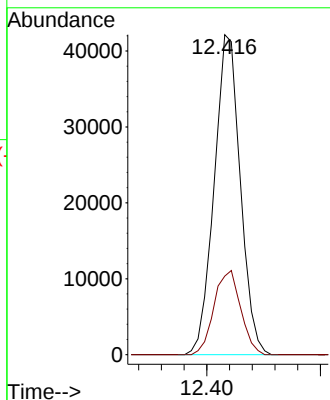
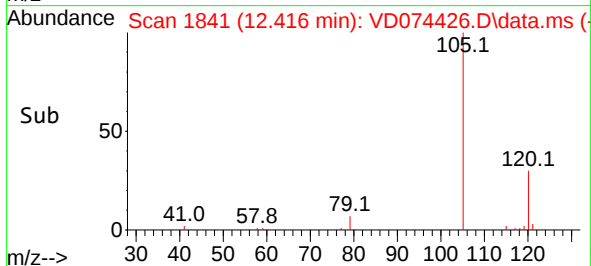
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



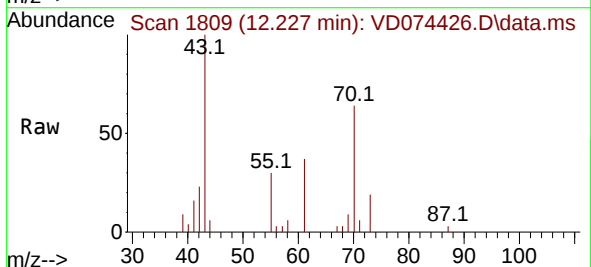
Tgt Ion:105 Resp: 67250
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4

Manual Integrations
APPROVED

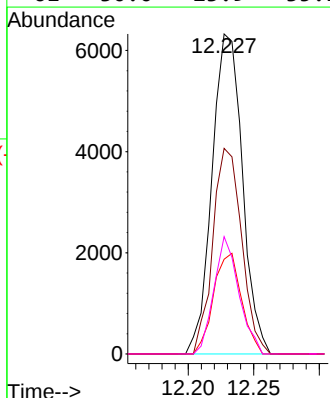
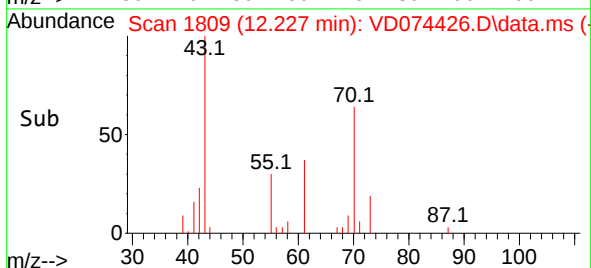
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

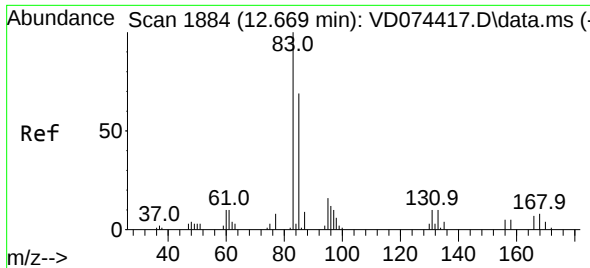


#74
N-ethyl acetate
Concen: 20.087 ug/l
RT: 12.227 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35



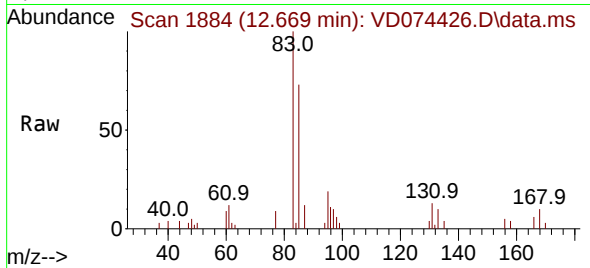
Tgt Ion: 43 Resp: 10190
Ion Ratio Lower Upper
43 100
70 61.0 43.8 65.6
55 29.0 22.0 33.0
61 30.0 23.9 35.9





#75
1,1,2,2-Tetrachloroethane
Concen: 20.488 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

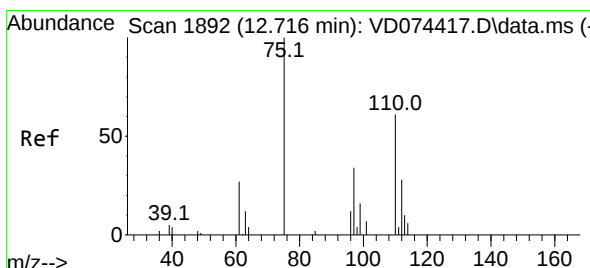
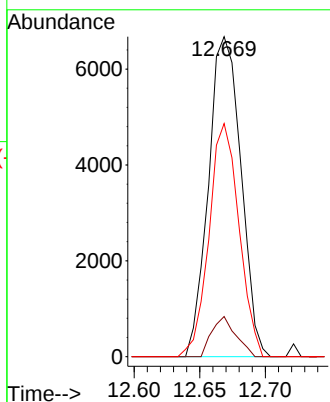
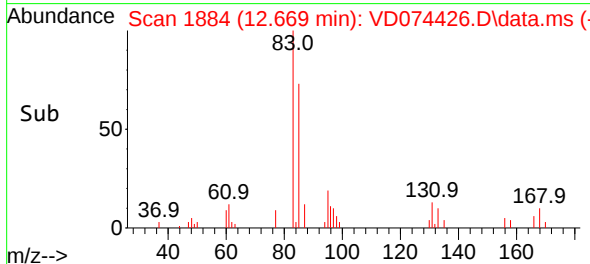
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBSD01



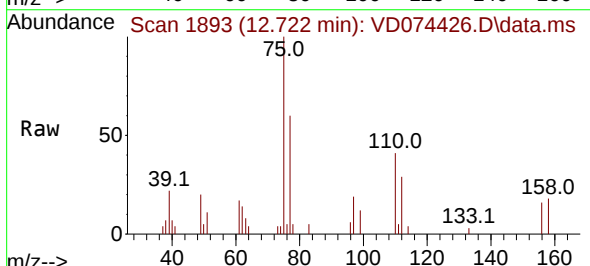
Tgt Ion: 83 Resp: 11504
Ion Ratio Lower Upper
83 100
131 9.3 4.7 14.1
85 67.2 33.1 99.2

Manual Integrations
APPROVED

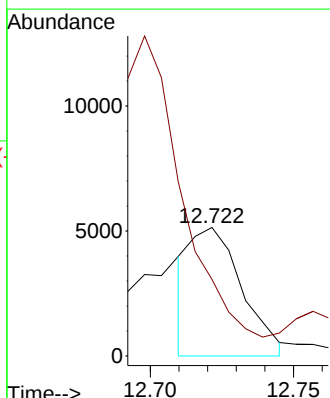
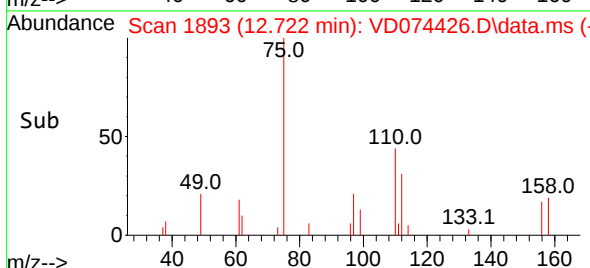
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

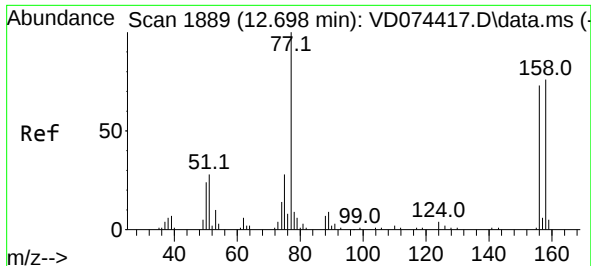


#76
1,2,3-Trichloropropane
Concen: 19.026 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35



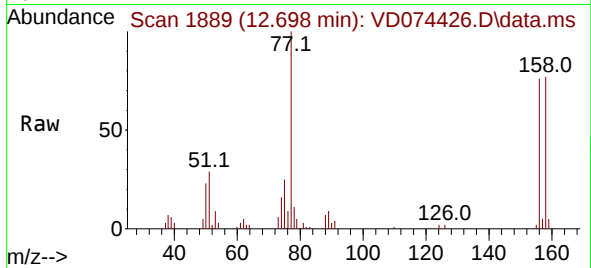
Tgt Ion: 75 Resp: 6451
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#





#77
Bromobenzene
Concen: 21.370 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

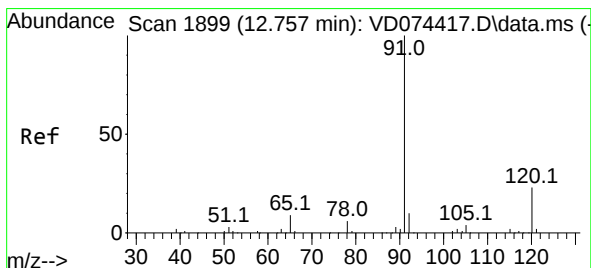
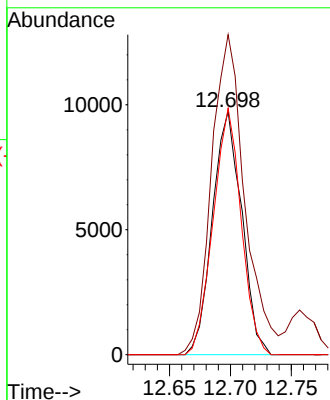
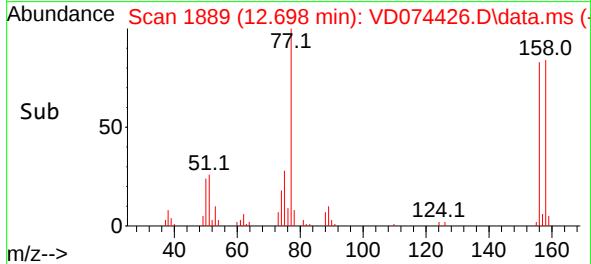
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBSD01



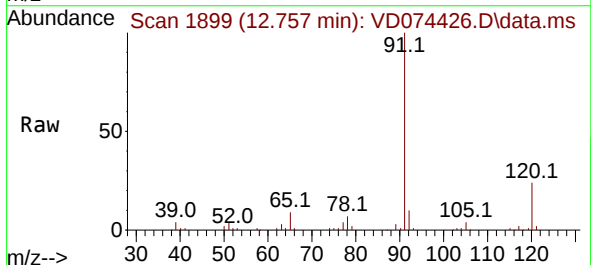
Tgt Ion:156 Resp: 16292
Ion Ratio Lower Upper
156 100
77 149.1 77.7 233.1
158 97.0 49.4 148.2

Manual Integrations
APPROVED

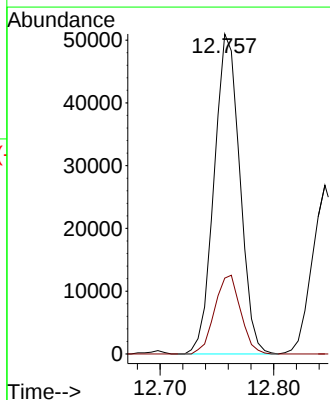
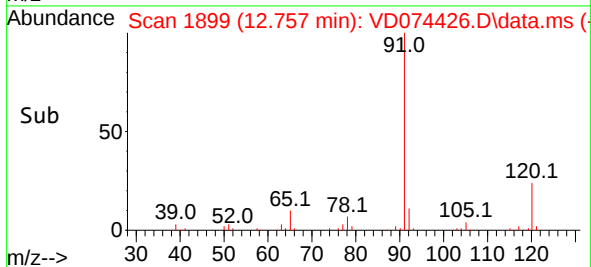
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

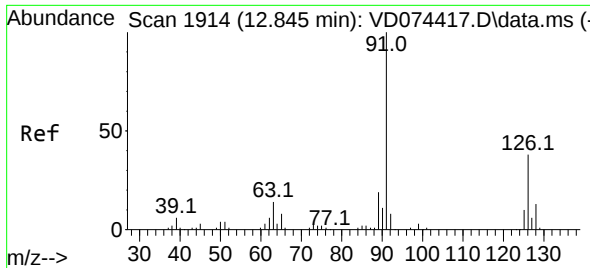


#78
n-propylbenzene
Concen: 20.715 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35



Tgt Ion: 91 Resp: 80201
Ion Ratio Lower Upper
91 100
120 24.8 11.9 35.7





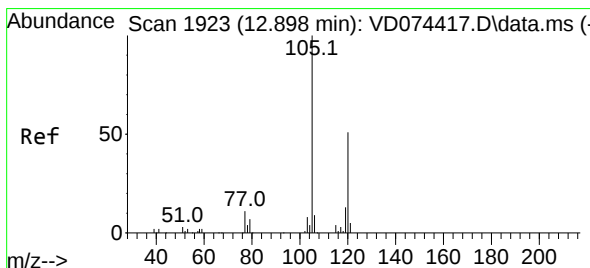
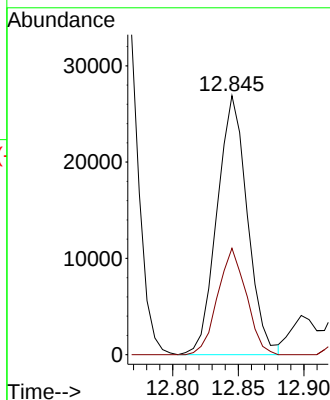
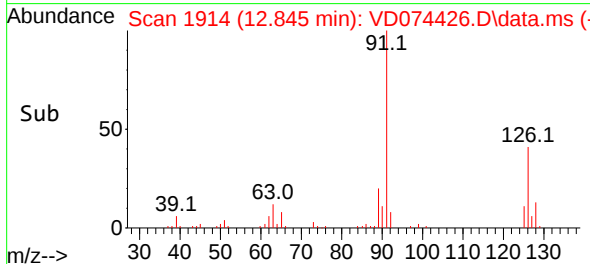
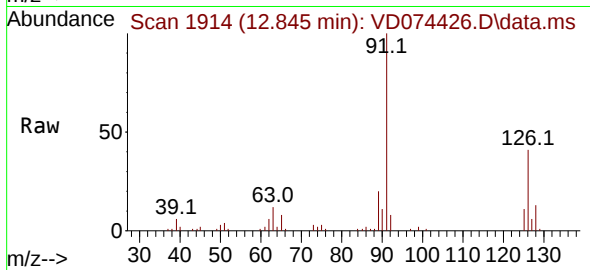
#79
2-Chlorotoluene
Concen: 20.777 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01

Tgt Ion: 91 Resp: 4341
Ion Ratio Lower Upper
91 100
126 38.6 18.3 54.8

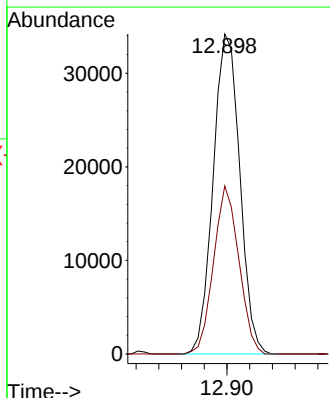
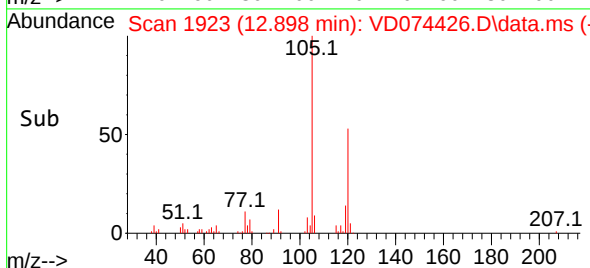
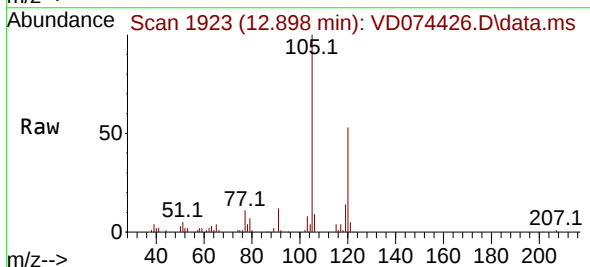
Manual Integrations
APPROVED

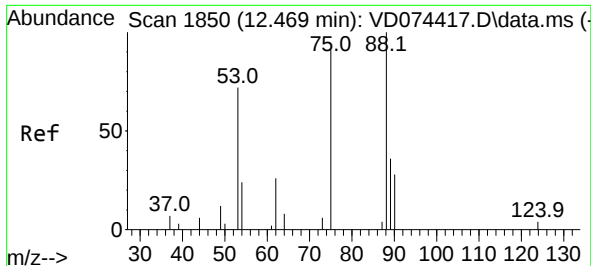
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.914 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

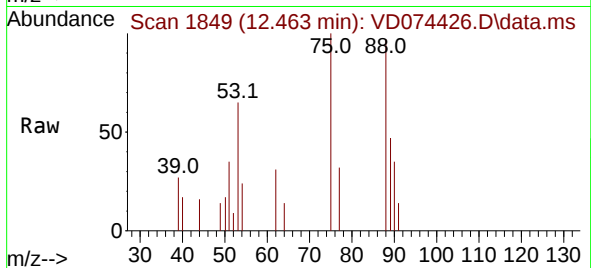
Tgt Ion:105 Resp: 55683
Ion Ratio Lower Upper
105 100
120 49.8 25.7 77.0





#81
trans-1,4-Dichloro-2-butene
Concen: 20.454 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

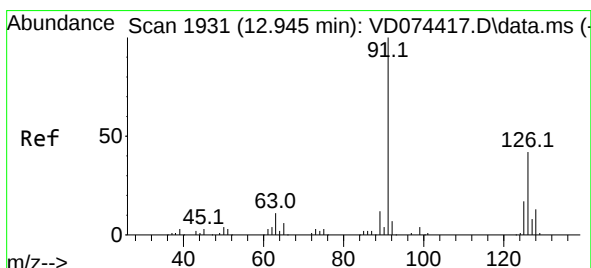
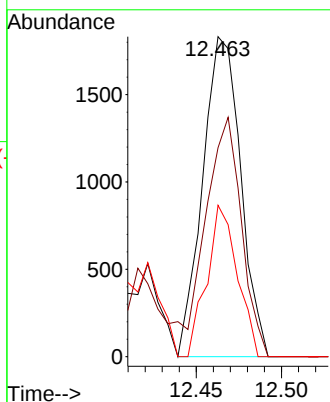
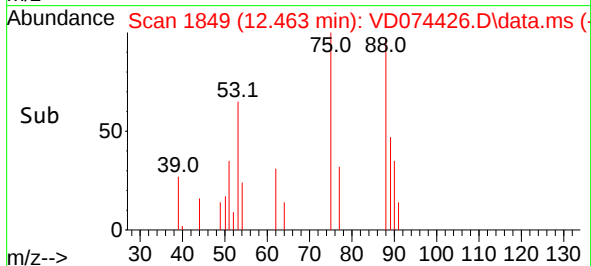
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBSD01



Tgt Ion: 75 Resp: 284
Ion Ratio Lower Upper
75 100
53 73.0 63.8 95.6
89 37.9 38.2 57.4

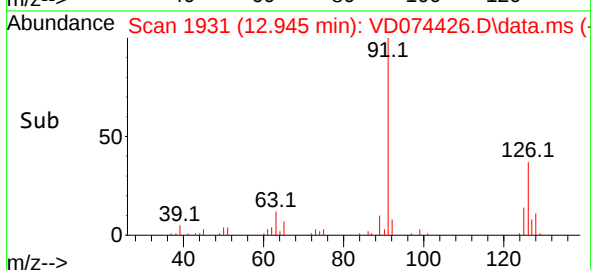
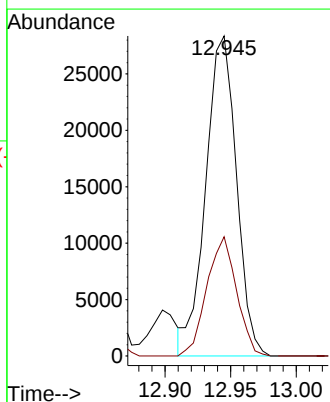
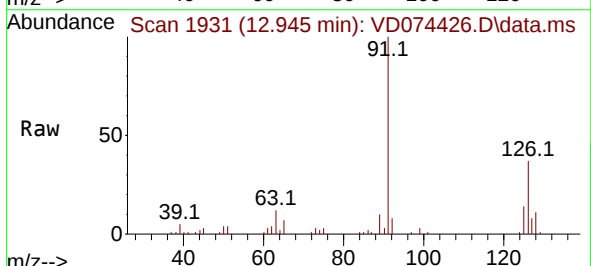
Manual Integrations
APPROVED

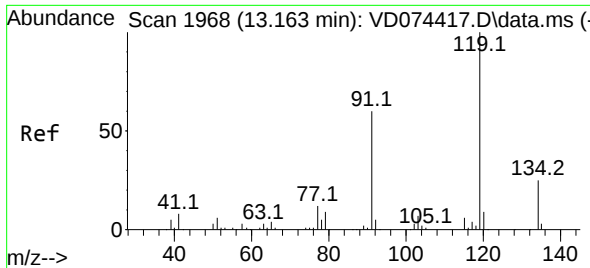
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#82
4-Chlorotoluene
Concen: 21.585 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

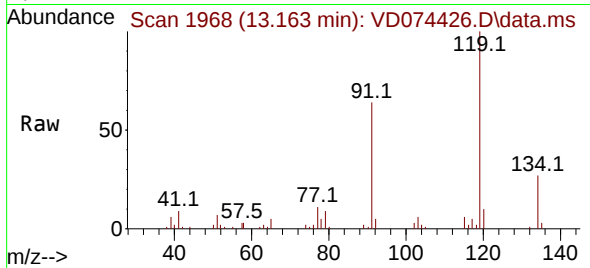
Tgt Ion: 91 Resp: 46241
Ion Ratio Lower Upper
91 100
126 36.0 18.8 56.4





#83
tert-Butylbenzene
Concen: 20.349 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

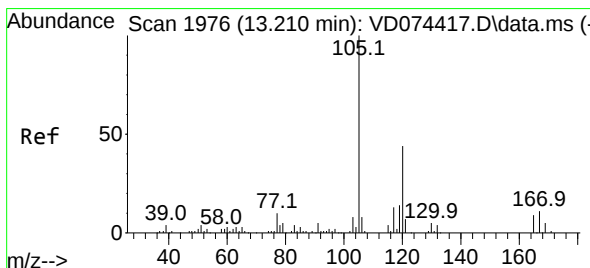
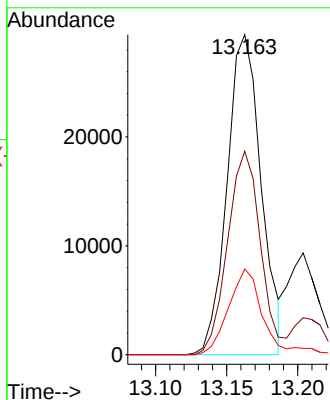
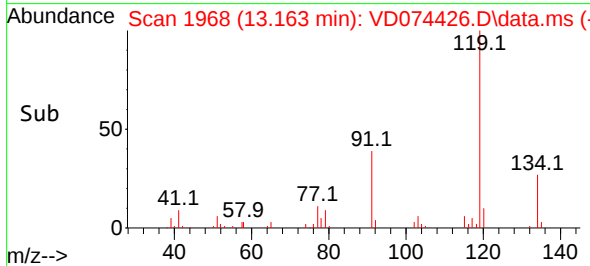
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



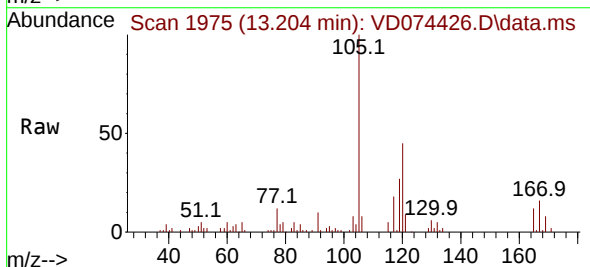
Tgt Ion:119 Resp: 49030
Ion Ratio Lower Upper
119 100
91 61.9 30.0 90.0
134 27.1 13.4 40.1

Manual Integrations
APPROVED

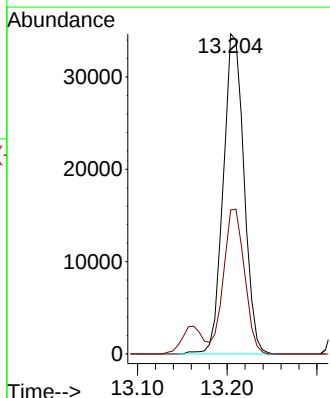
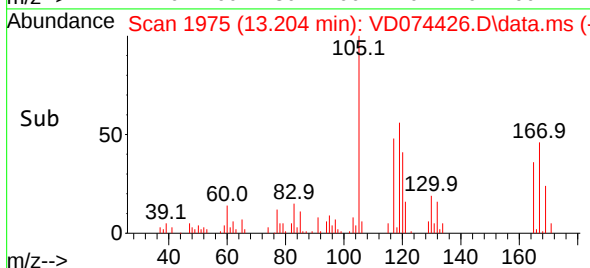
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

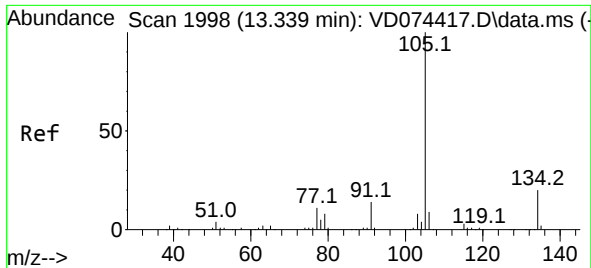


#84
1,2,4-Trimethylbenzene
Concen: 20.983 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. -0.006 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35



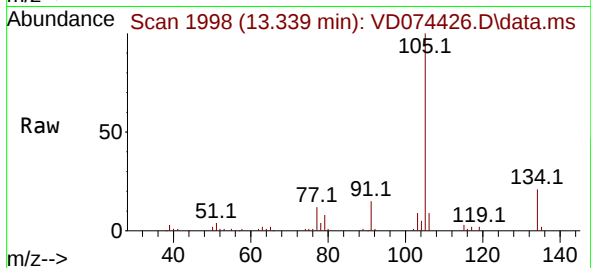
Tgt Ion:105 Resp: 55619
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 20.524 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VD074426.D
 Acq: 26 Sep 2022 18:35

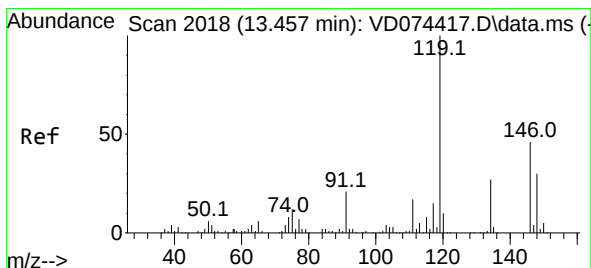
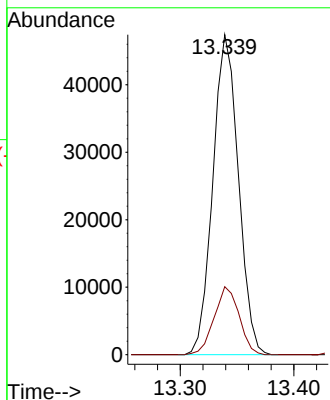
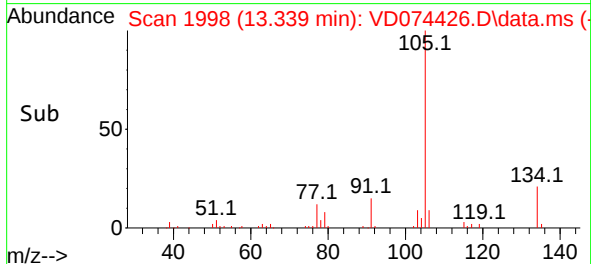
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0926SBS01



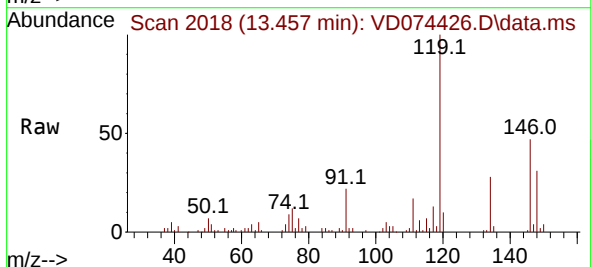
Tgt Ion:105 Resp: 74014
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.0 30.0

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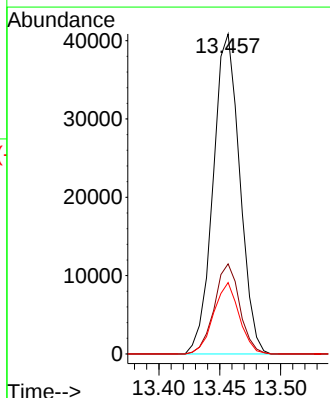
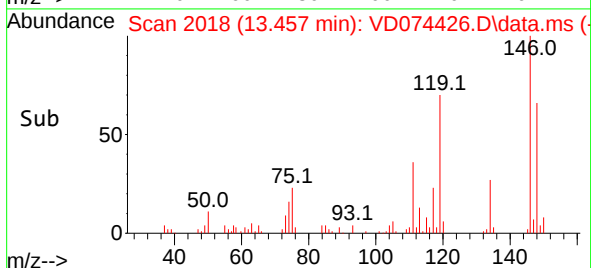
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022

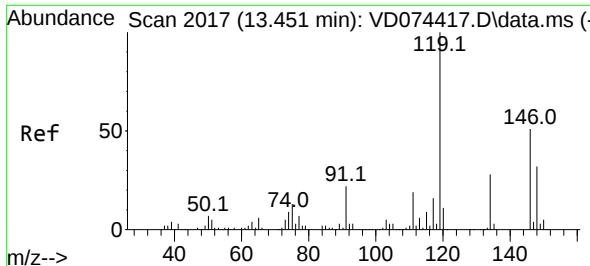


#86
 p-Isopropyltoluene
 Concen: 20.620 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD074426.D
 Acq: 26 Sep 2022 18:35



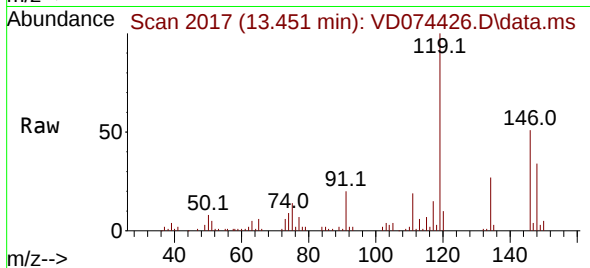
Tgt Ion:119 Resp: 62152
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 21.5 10.8 32.4





#87
1,3-Dichlorobenzene
Concen: 21.066 ug/l
RT: 13.451 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

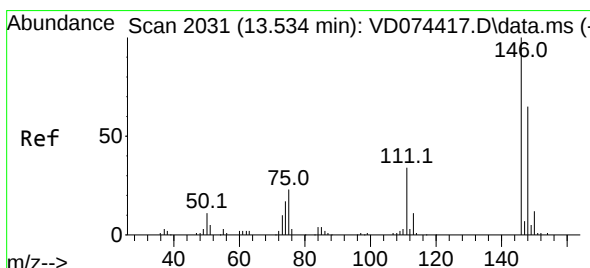
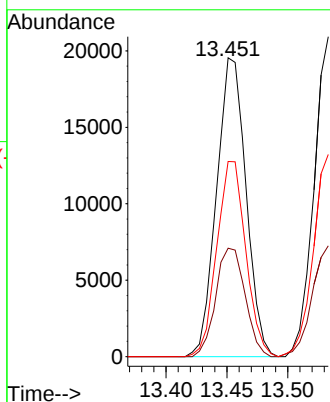
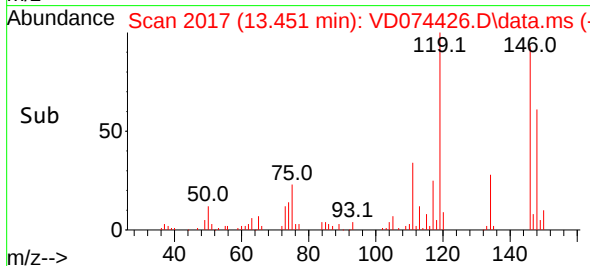
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



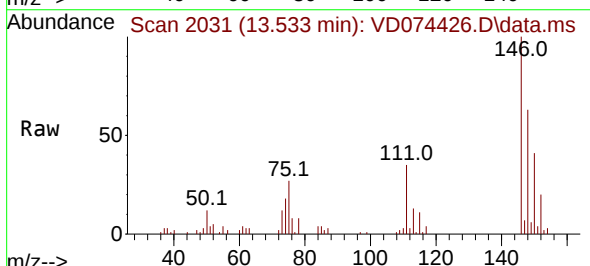
Tgt Ion:146 Resp: 3296
Ion Ratio Lower Upper
146 100
111 36.1 18.3 54.8
148 64.1 31.8 95.4

Manual Integrations
APPROVED

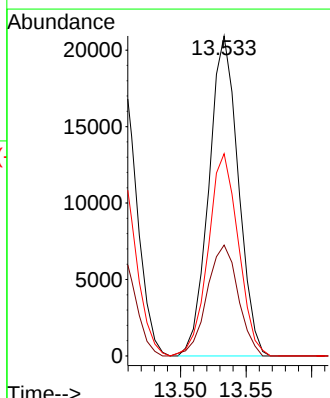
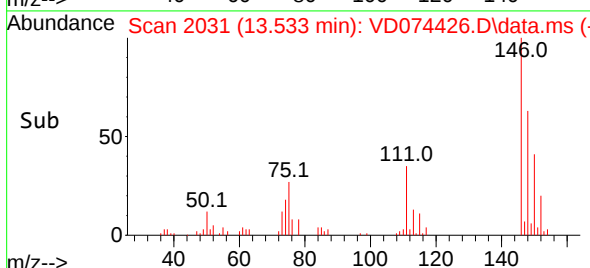
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

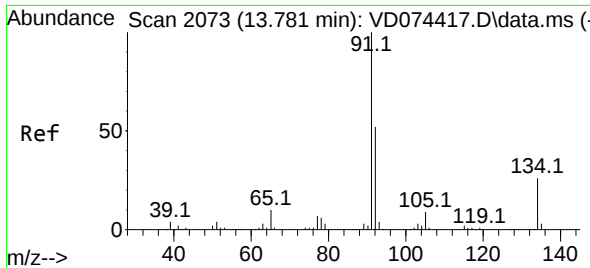


#88
1,4-Dichlorobenzene
Concen: 20.851 ug/l
RT: 13.533 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35



Tgt Ion:146 Resp: 32660
Ion Ratio Lower Upper
146 100
111 36.8 17.7 53.1
148 64.7 32.3 96.9





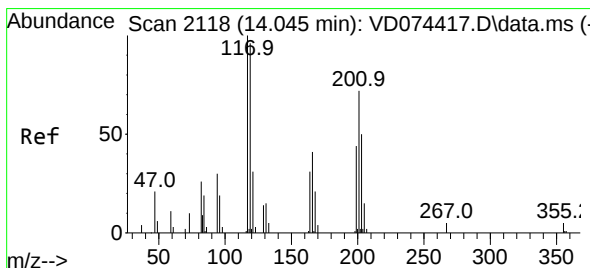
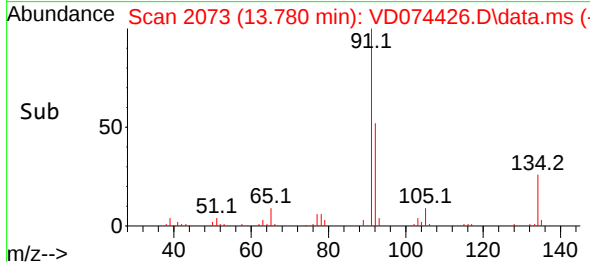
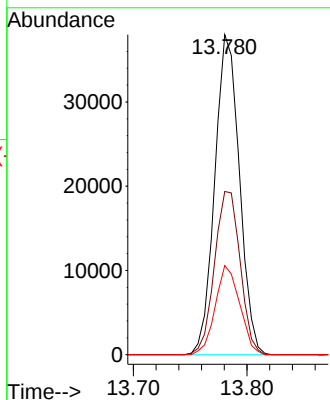
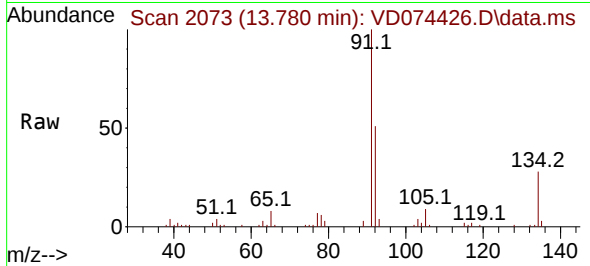
#89
n-Butylbenzene
Concen: 20.501 ug/l
RT: 13.780 min Scan# 2073
Delta R.T. -0.001 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

Instrument : MSVOA_D
ClientSampleId : VD0926SBS01

Tgt Ion: 91 Resp: 5729
Ion Ratio Lower Upper
91 100
92 53.0 26.9 80.7
134 27.6 13.4 40.2

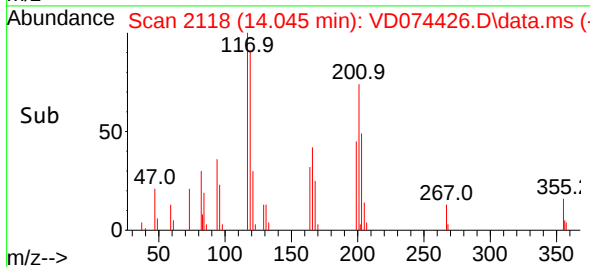
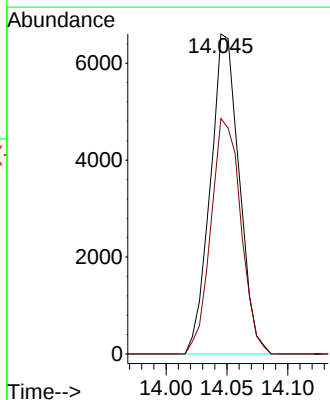
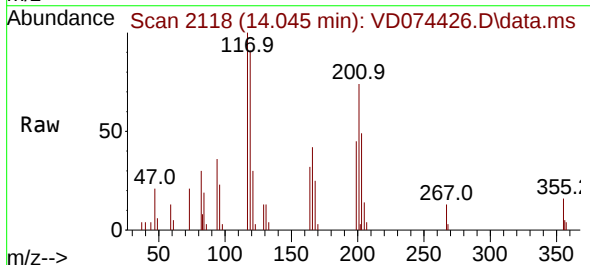
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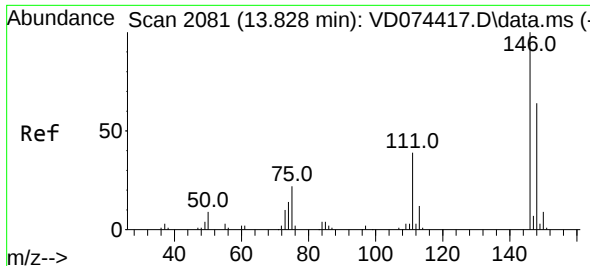
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#90
Hexachloroethane
Concen: 20.403 ug/l
RT: 14.045 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

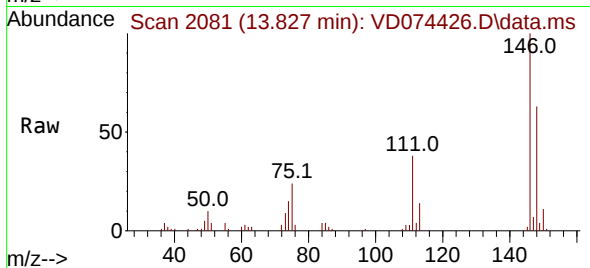
Tgt Ion:117 Resp: 10885
Ion Ratio Lower Upper
117 100
201 76.5 38.0 114.0





#91
1,2-Dichlorobenzene
Concen: 21.255 ug/l
RT: 13.827 min Scan# 2081
Delta R.T. -0.001 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

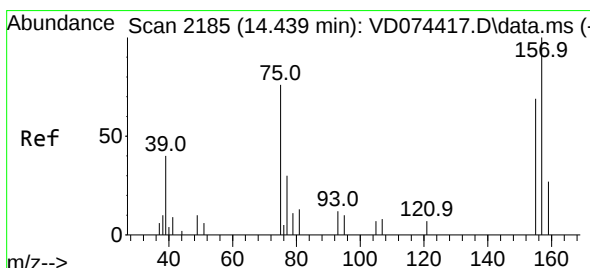
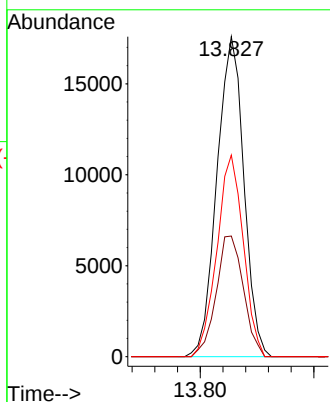
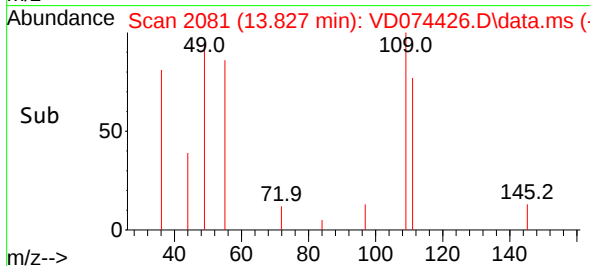
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



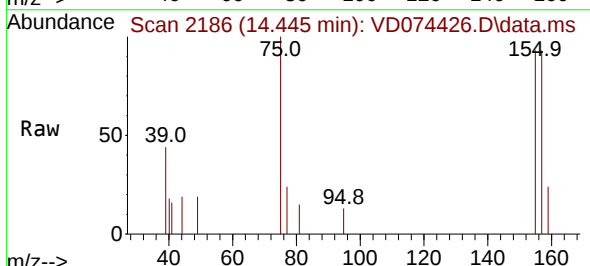
Tgt Ion:146 Resp: 2900
Ion Ratio Lower Upper
146 100
111 38.2 18.9 56.5
148 61.6 31.9 95.5

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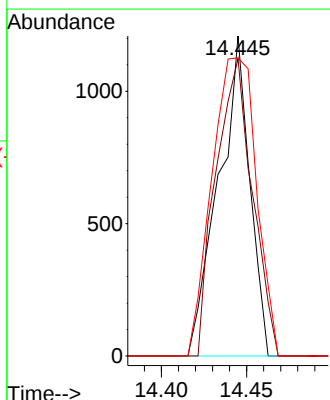
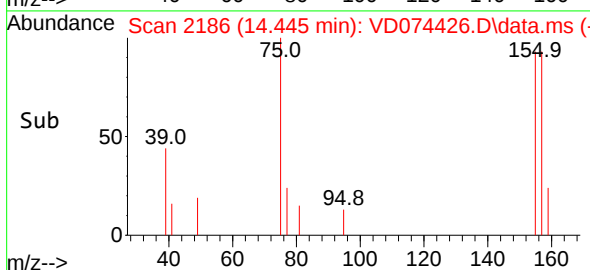
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

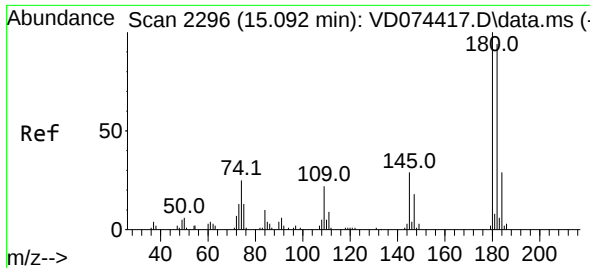


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.659 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35



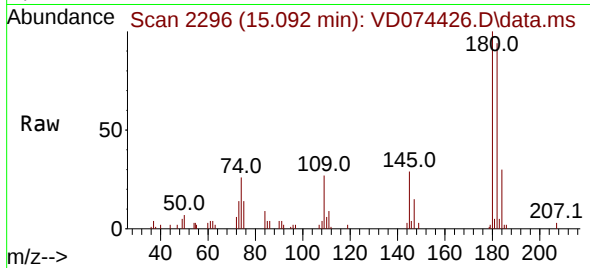
Tgt Ion: 75 Resp: 1529
Ion Ratio Lower Upper
75 100
155 109.5 51.2 153.8
157 134.1 68.2 204.5





#93
1,2,4-Trichlorobenzene
Concen: 19.932 ug/l
RT: 15.092 min Scan# 2296
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

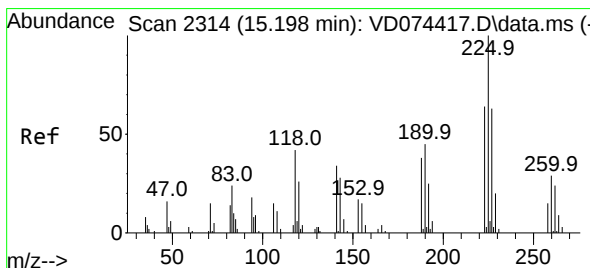
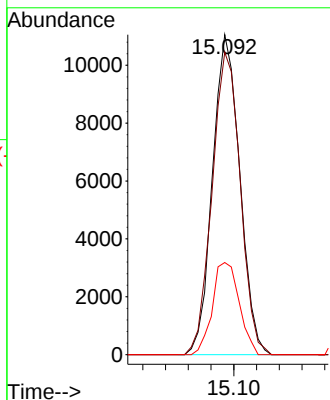
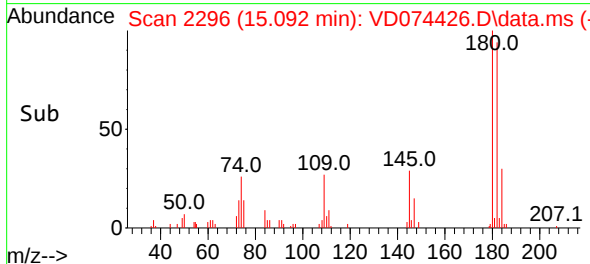
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBS01



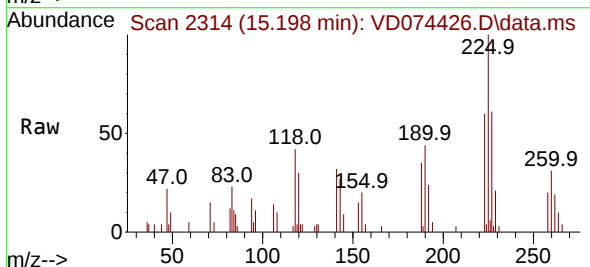
Tgt Ion:180 Resp: 18410
Ion Ratio Lower Upper
180 100
182 97.6 46.9 140.6
145 28.3 14.1 42.3

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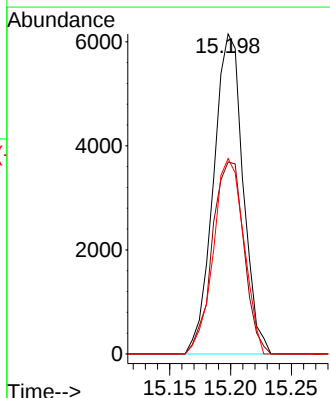
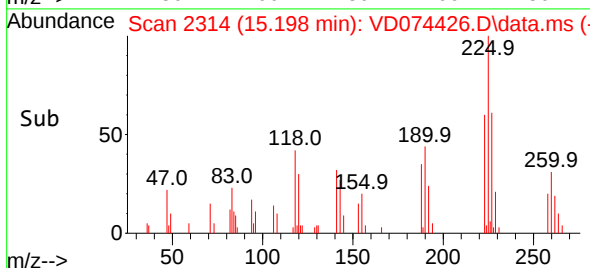
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

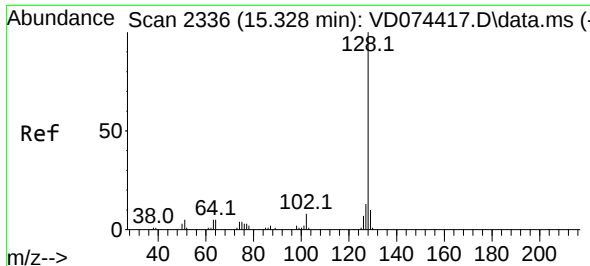


#94
Hexachlorobutadiene
Concen: 20.541 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35



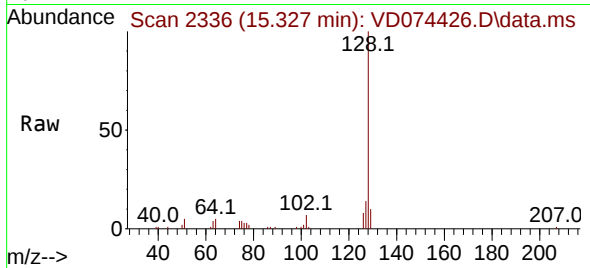
Tgt Ion:225 Resp: 10402
Ion Ratio Lower Upper
225 100
223 64.1 31.9 95.5
227 62.7 32.6 97.8





#95
Naphthalene
Concen: 20.445 ug/l
RT: 15.327 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35

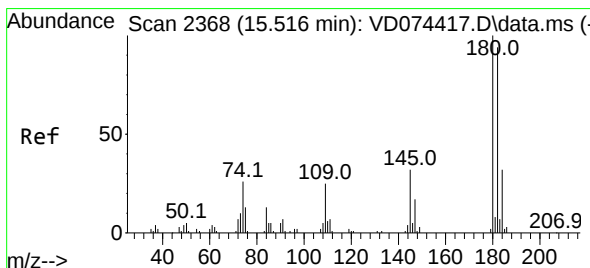
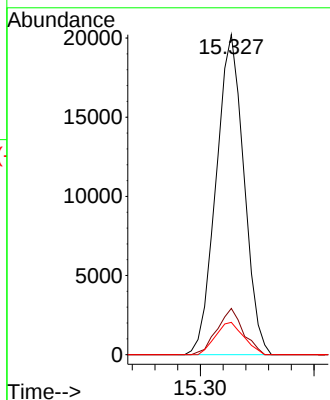
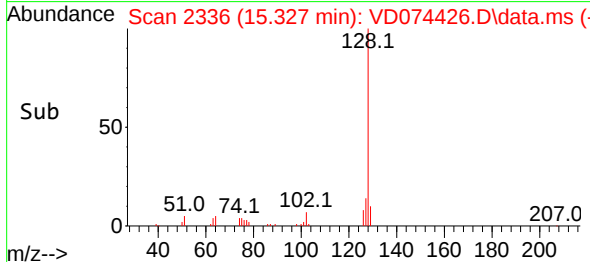
Instrument :
MSVOA_D
ClientSampleId :
VD0926SBSD01



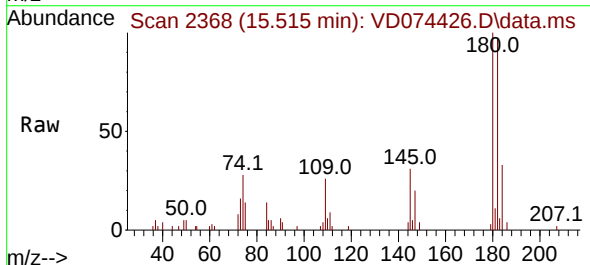
Tgt Ion:128 Resp: 3440
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 10.3 8.3 12.5

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



#96
1,2,3-Trichlorobenzene
Concen: 20.508 ug/l
RT: 15.515 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD074426.D
Acq: 26 Sep 2022 18:35



Tgt Ion:180 Resp: 16249
Ion Ratio Lower Upper
180 100
182 97.4 46.7 140.1
145 31.0 14.9 44.7

