

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051822\
 Data File : VW023140.D
 Acq On : 18 May 2022 18:35
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 19 01:25:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 19 01:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	326376	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	314780	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	159622	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	159334	23.795	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.200%
7) Chloroethane-d5	2.879	69	112067	25.725	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.920%
11) 1,1-Dichloroethene-d2	4.019	63	188676	21.807	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.240%
21) 2-Butanone-d5	7.080	46	76260	59.899	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.800%
24) Chloroform-d	7.647	84	264314	27.642	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.560%
26) 1,2-Dichloroethane-d4	8.305	65	147486	28.122	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.480%
32) Benzene-d6	8.275	84	509138	28.061	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.240%
36) 1,2-Dichloropropane-d6	9.274	67	145254	28.500	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.000%
41) Toluene-d8	10.323	98	474844	27.092	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.360%
43) trans-1,3-Dichloroprop...	10.579	79	61368	26.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.600%
47) 2-Hexanone-d5	10.920	63	60677	62.365	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.720%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	142517	30.001	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	162685	29.156	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	42986	24.160	ug/L	94
3) Chloromethane	2.215	50	78271	22.766	ug/L	97
5) Vinyl chloride	2.361	62	132482	19.201	ug/L	97
6) Bromomethane	2.776	94	81028	18.290	ug/L	89
8) Chloroethane	2.922	64	70479	21.178	ug/L	94
9) Trichlorofluoromethane	3.251	101	51192	16.233	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	103403	21.928	ug/L	97
12) 1,1-Dichloroethene	4.044	96	86735	20.749	ug/L	88
13) Acetone	4.123	43	39329	41.261	ug/L	100
14) Carbon disulfide	4.385	76	173266	15.119	ug/L	99
15) Methyl Acetate	4.665	43	48079	25.107	ug/L	95
16) Methylene chloride	4.915	84	103847	21.745	ug/L	94
17) trans-1,2-Dichloroethene	5.427	96	98230	20.882	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	186257	25.937	ug/L	100
19) 1,1-Dichloroethane	6.214	63	186943	23.448	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	118455	23.444	ug/L #	95
22) 2-Butanone	7.171	43	66162	49.633	ug/L	100
23) Bromochloromethane	7.512	128	56863	24.031	ug/L	95
25) Chloroform	7.677	83	216365	24.543	ug/L	98

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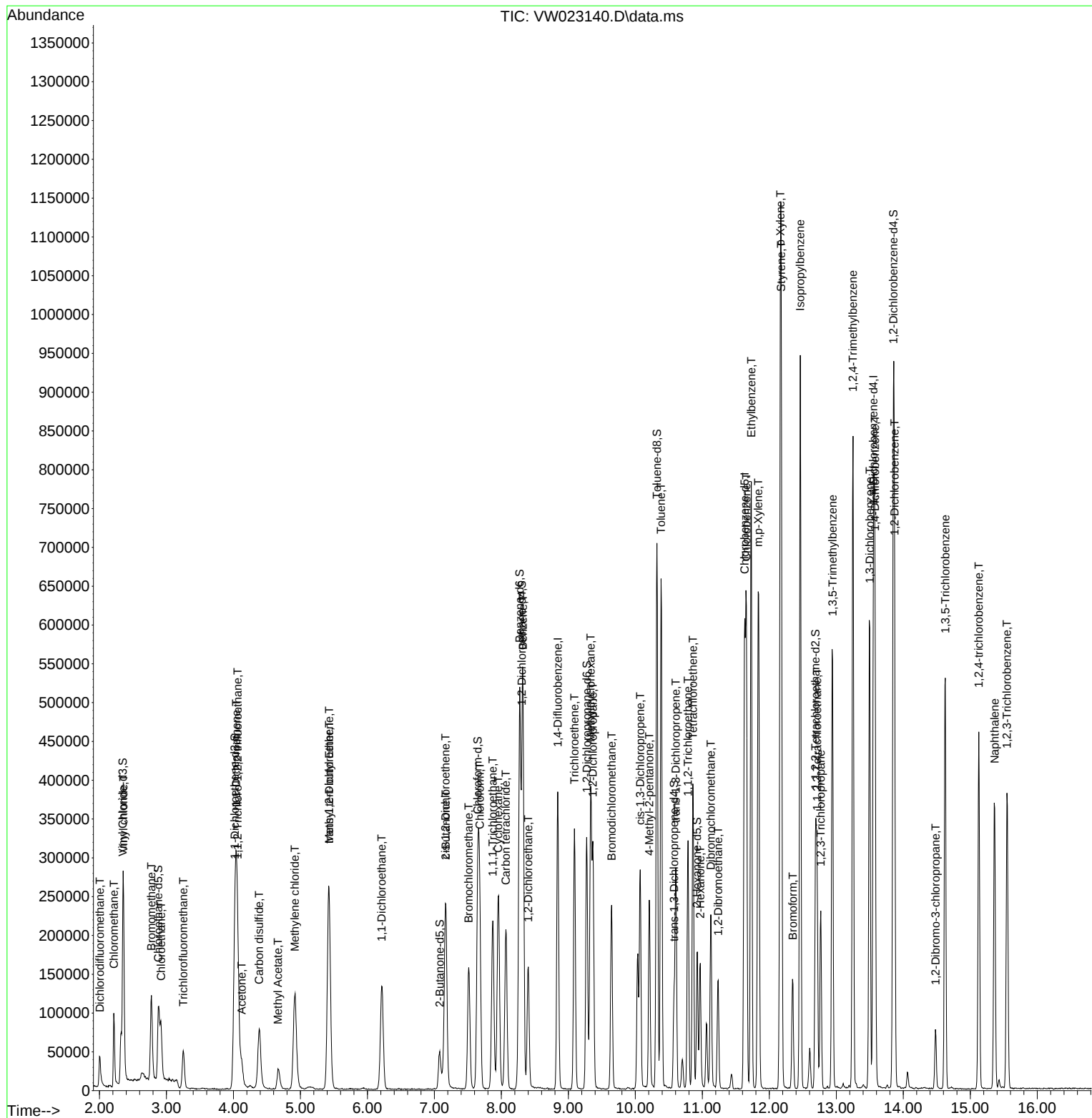
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	141651	24.104	ug/L	100
29) Cyclohexane	7.951	56	133917	19.671	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	173573	23.333	ug/L	99
31) Carbon tetrachloride	8.067	117	153666	22.083	ug/L	98
33) Benzene	8.323	78	437741	23.606	ug/L	100
34) Trichloroethene	9.091	95	114456	22.443	ug/L	98
35) Methylcyclohexane	9.335	83	164457	19.630	ug/L	99
37) 1,2-Dichloropropane	9.366	63	107699	24.000	ug/L	99
38) Bromodichloromethane	9.646	83	151925	23.835	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	160109	23.010	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	149019	52.685	ug/L	98
42) Toluene	10.384	91	479921	23.093	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	150072	24.163	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	95935	25.573	ug/L	97
46) Tetrachloroethene	10.859	164	82881	21.626	ug/L	94
48) 2-Hexanone	10.969	43	98843	52.301	ug/L	98
49) Dibromochloromethane	11.128	129	111110	24.609	ug/L	96
50) 1,2-Dibromoethane	11.237	107	91683	24.339	ug/L	92
51) Chlorobenzene	11.658	112	326373	23.822	ug/L	99
52) Ethylbenzene	11.731	91	550695	23.819	ug/L	99
53) m,p-Xylene	11.835	106	211341	23.199	ug/L	95
54) o-Xylene	12.164	106	211600	24.205	ug/L	98
55) Styrene	12.176	104	363564	24.475	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	123361	26.328	ug/L	95
59) Bromoform	12.353	173	63216	27.945	ug/L	98
60) Isopropylbenzene	12.463	105	587982	26.888	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	89099	27.936	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	312099	25.654	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	449330	24.598	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	243719	24.963	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	250576	24.848	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	232191	25.989	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	18435	26.447	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	151301	23.346	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	126683	24.301	ug/L	95
71) Naphthalene	15.365	128	317624	28.032	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	117024	25.328	ug/L	95

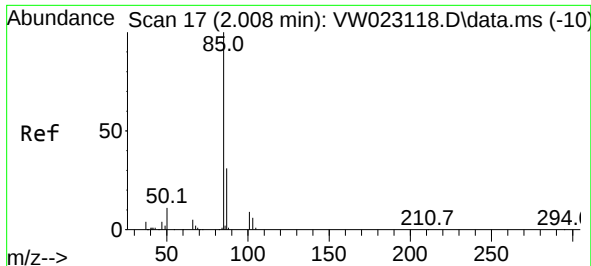
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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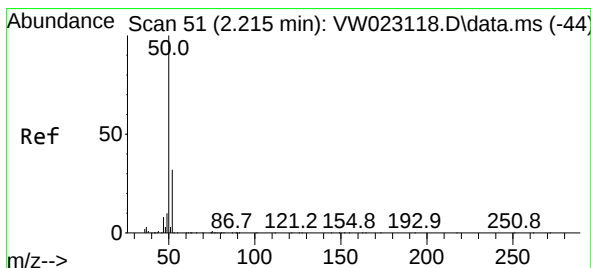
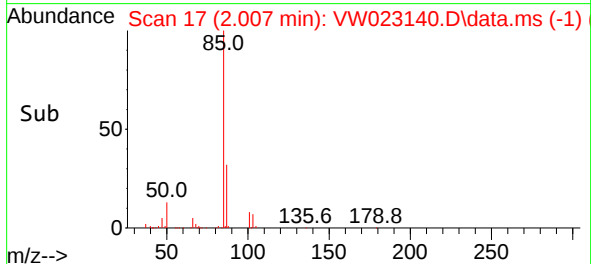
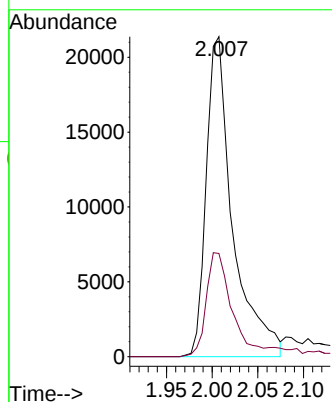
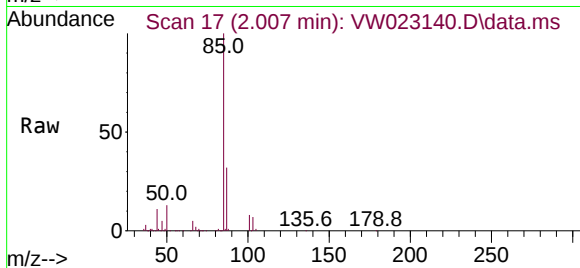




#2
 Dichlorodifluoromethane
 Concen: 24.160 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023140.D
 Acq: 18 May 2022 18:35

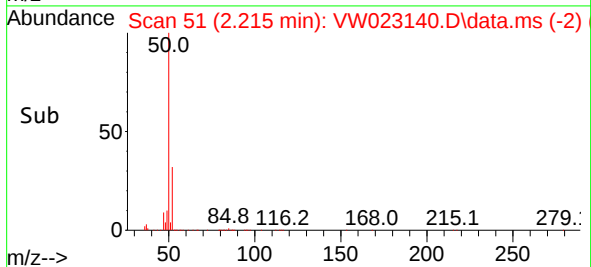
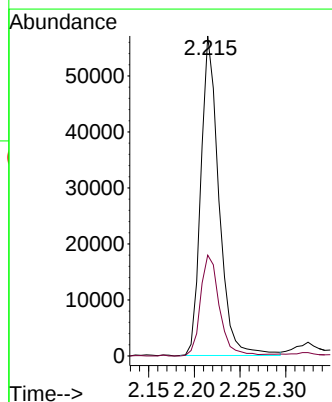
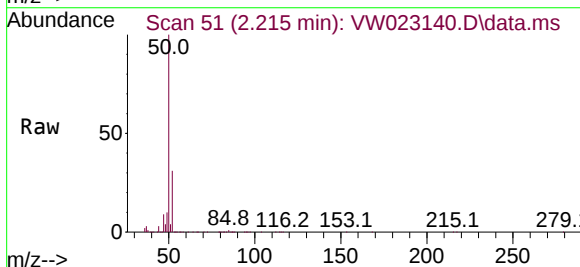
Instrument :
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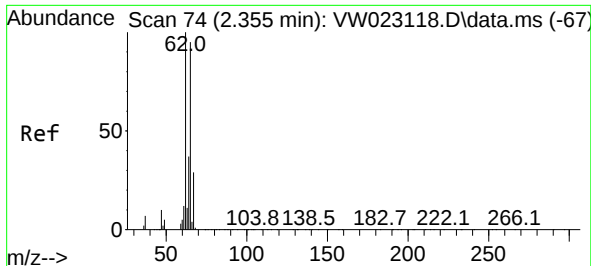
Tgt Ion: 85 Resp: 42986
 Ion Ratio Lower Upper
 85 100
 87 31.2 27.8 41.8



#3
 Chloromethane
 Concen: 22.766 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW023140.D
 Acq: 18 May 2022 18:35

Tgt Ion: 50 Resp: 78271
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.1 42.9

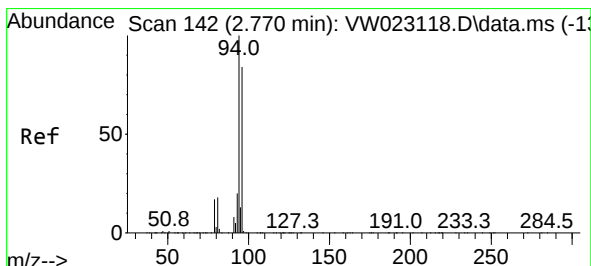
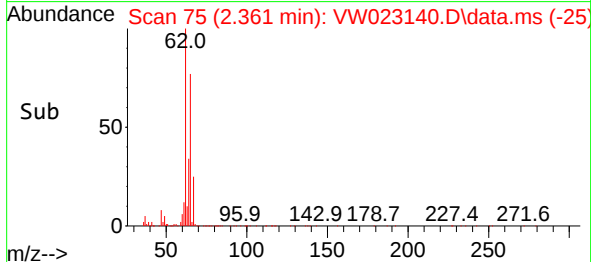
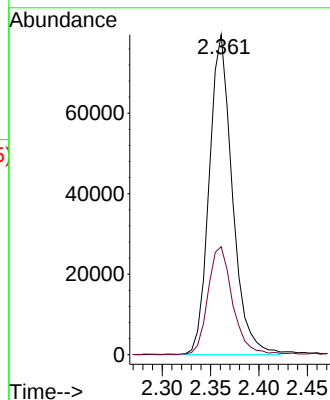
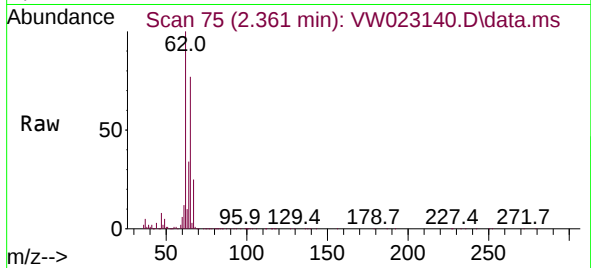




#5
 Vinyl chloride
 Concen: 19.201 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VW023140.D
 Acq: 18 May 2022 18:35

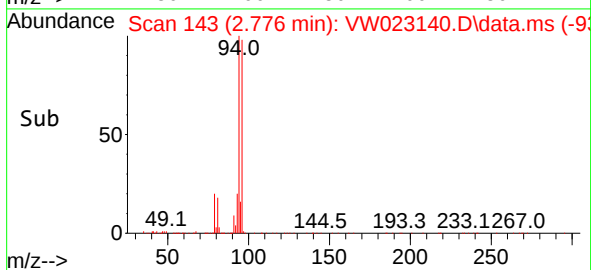
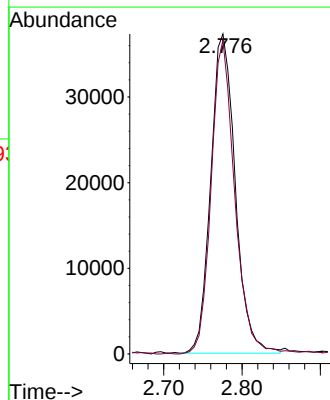
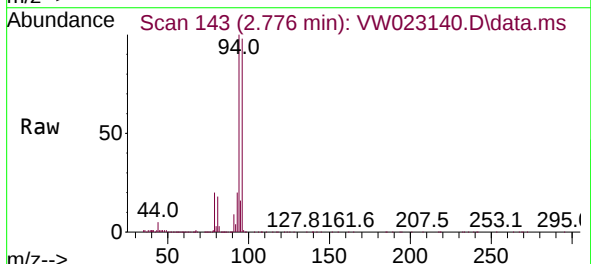
Instrument :
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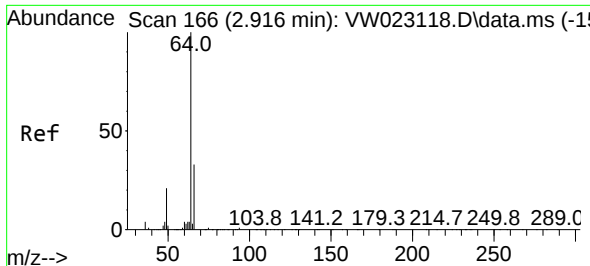
Tgt Ion: 62 Resp: 132482
 Ion Ratio Lower Upper
 62 100
 64 33.8 24.9 46.3



#6
 Bromomethane
 Concen: 18.290 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.006 min
 Lab File: VW023140.D
 Acq: 18 May 2022 18:35

Tgt Ion: 94 Resp: 81028
 Ion Ratio Lower Upper
 94 100
 96 98.1 61.7 114.5

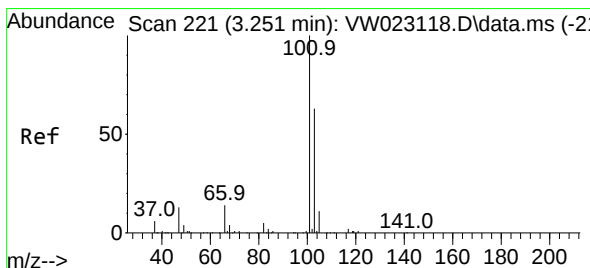
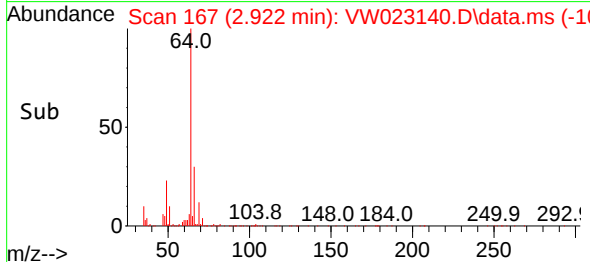
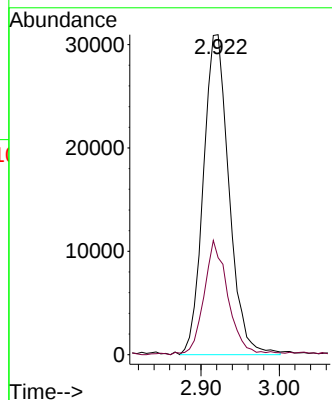
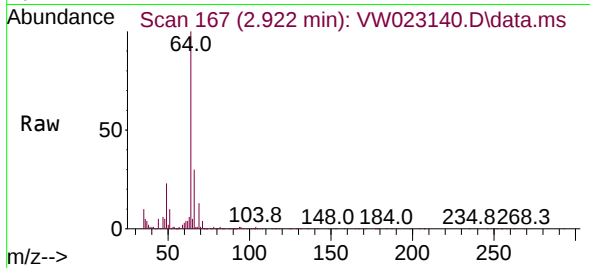




#8
Chloroethane
Concen: 21.178 ug/L
RT: 2.922 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW023140.D
Acq: 18 May 2022 18:35

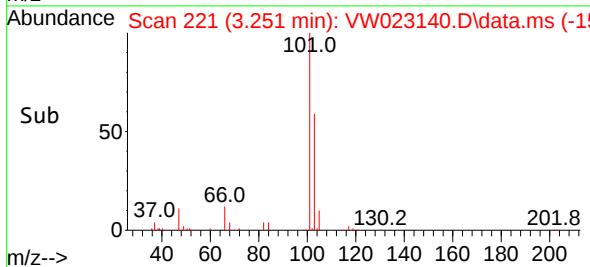
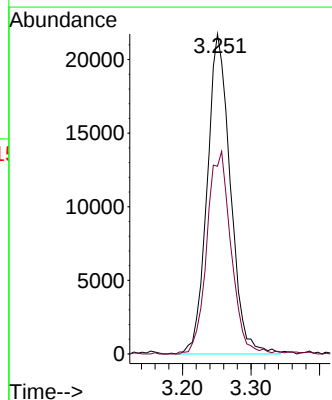
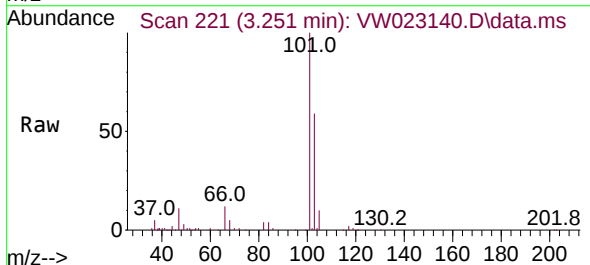
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ClientSampleId :

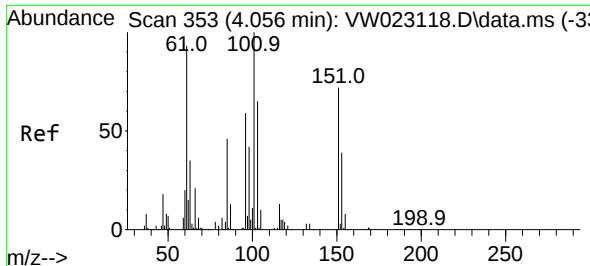
Tgt Ion: 64 Resp: 70479
Ion Ratio Lower Upper
64 100
66 30.3 23.4 43.6



#9
Trichlorofluoromethane
Concen: 16.233 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.000 min
Lab File: VW023140.D
Acq: 18 May 2022 18:35

Tgt Ion:101 Resp: 51192
Ion Ratio Lower Upper
101 100
103 65.0 53.9 80.9

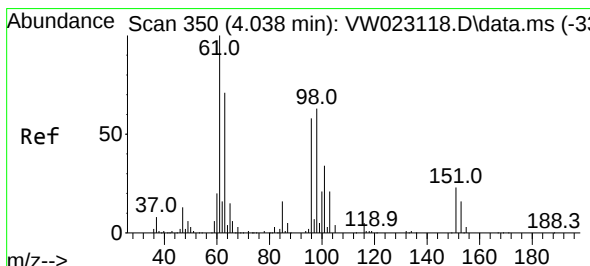
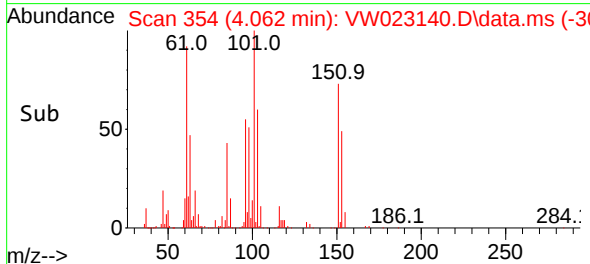
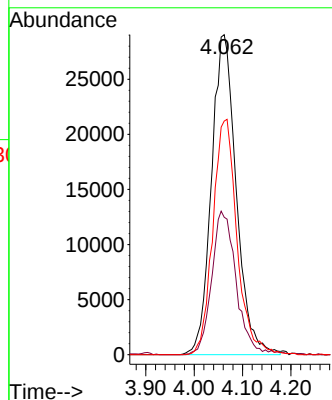
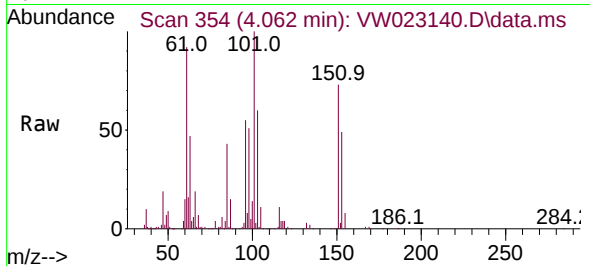




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.928 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW023140.D
 Acq: 18 May 2022 18:35

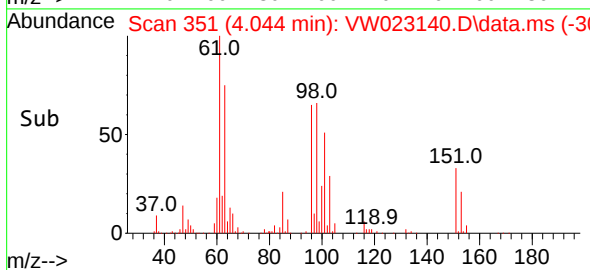
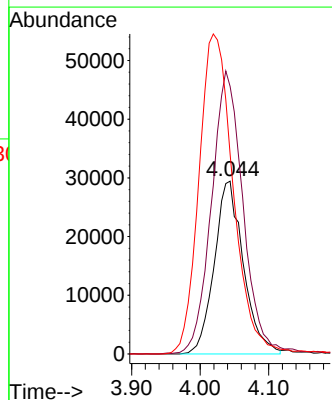
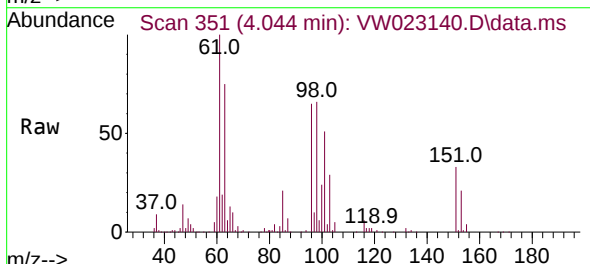
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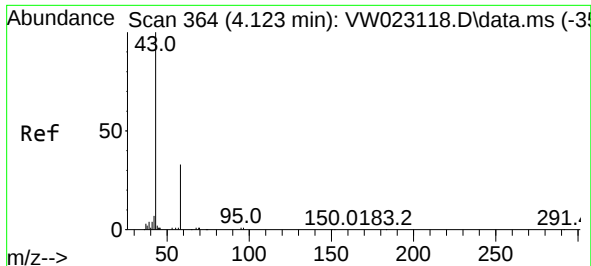
Tgt Ion:101 Resp: 103403
 Ion Ratio Lower Upper
 101 100
 85 44.4 34.3 51.5
 151 70.0 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 20.749 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW023140.D
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Tgt Ion: 96 Resp: 86735
 Ion Ratio Lower Upper
 96 100
 61 154.9 125.7 233.5
 63 115.6 83.4 155.0

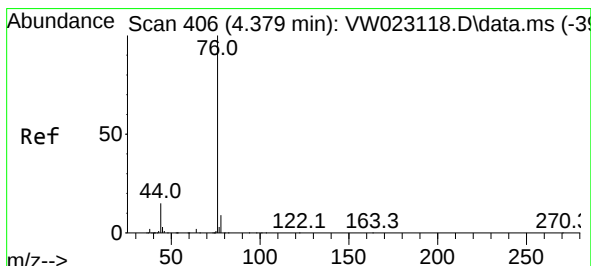
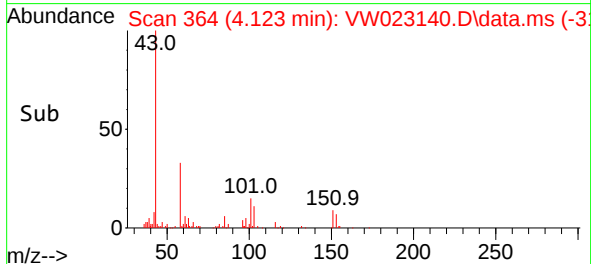
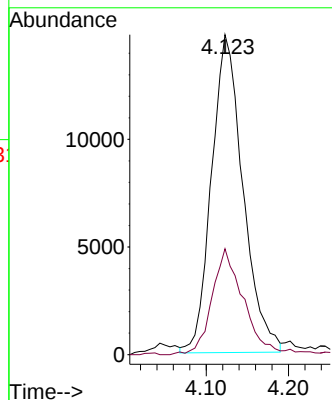
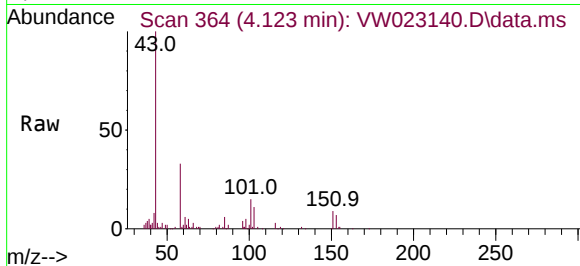




#13
Acetone
Concen: 41.261 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW023140.D
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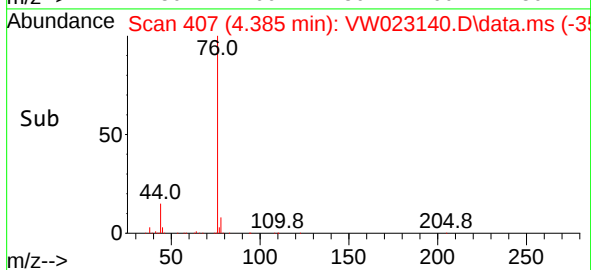
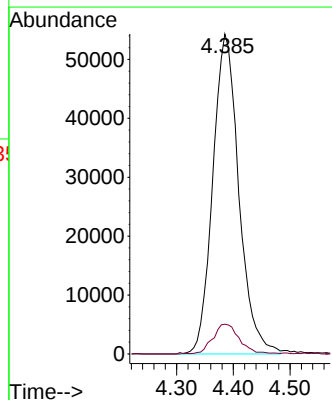
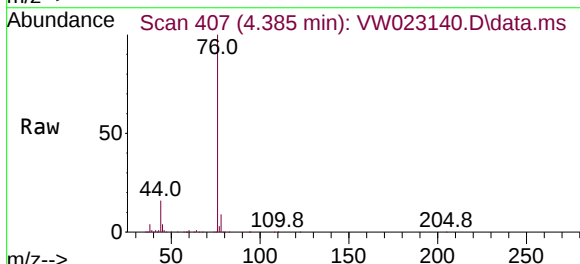
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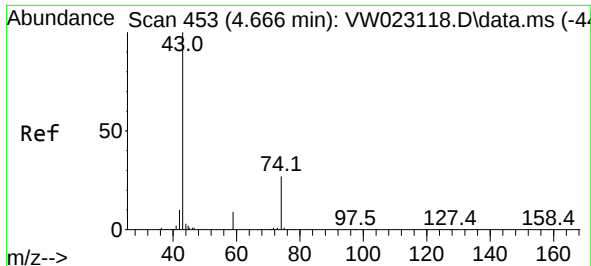
Tgt Ion: 43 Resp: 39329
Ion Ratio Lower Upper
43 100
58 32.1 0.0 64.0



#14
Carbon disulfide
Concen: 15.119 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 173266
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5

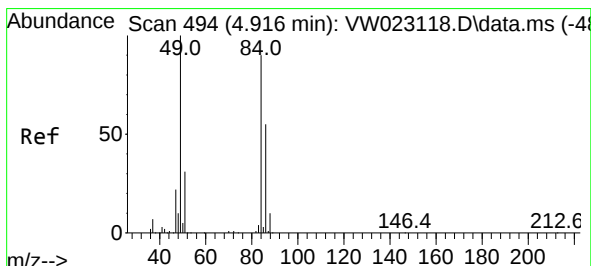
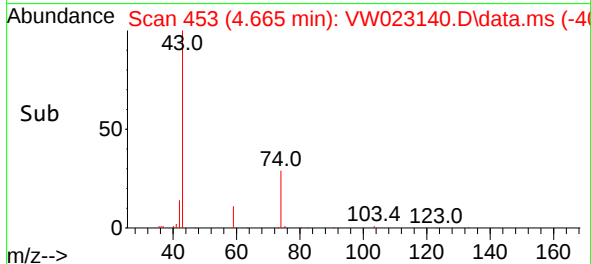
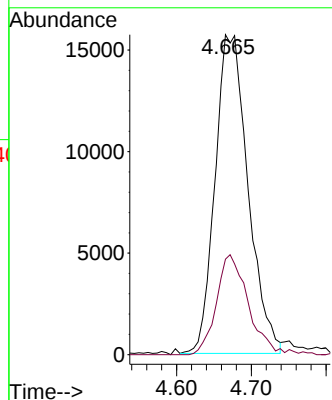
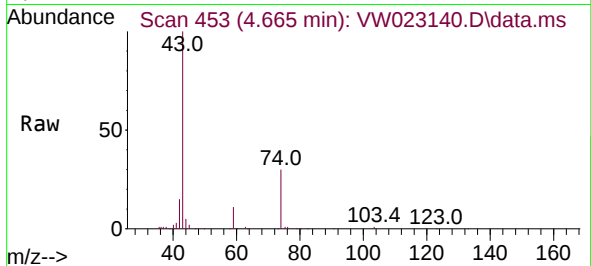




#15
Methyl Acetate
Concen: 25.107 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW023140.D
Acq: 18 May 2022 18:35

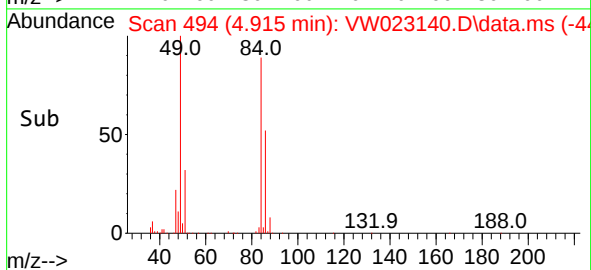
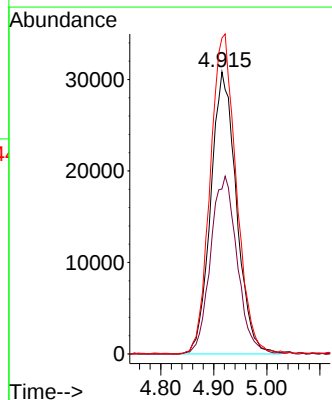
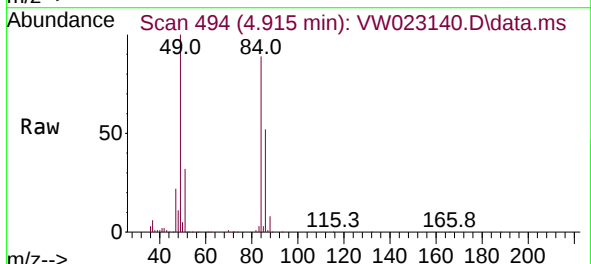
Instrument :
MSVOA_W
ClientSampleId :

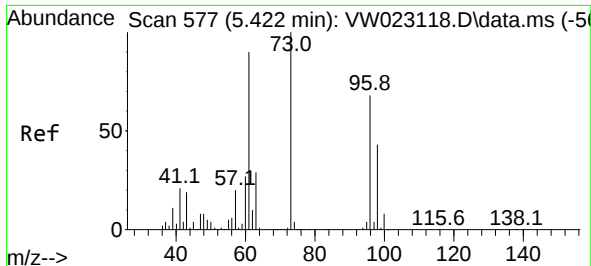
Tgt Ion: 43 Resp: 48079
Ion Ratio Lower Upper
43 100
74 30.0 21.9 32.9



#16
Methylene chloride
Concen: 21.745 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023140.D
Acq: 18 May 2022 18:35

Tgt Ion: 84 Resp: 103847
Ion Ratio Lower Upper
84 100
86 58.5 45.4 84.4
49 112.0 82.5 153.1

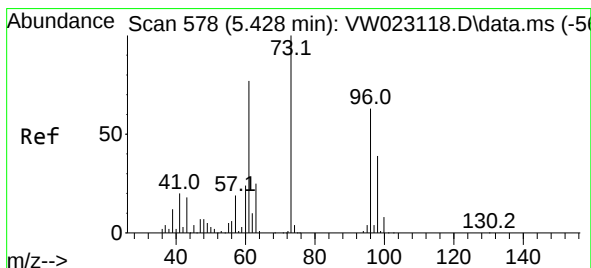
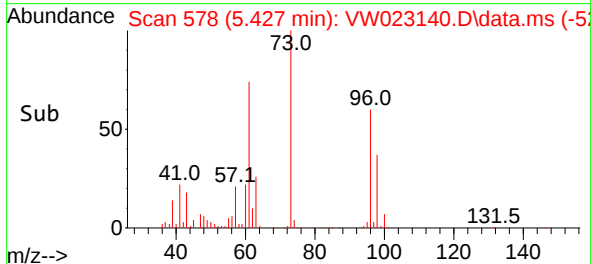
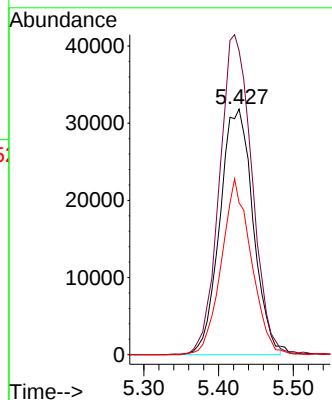
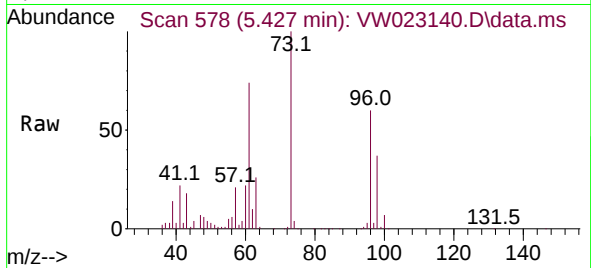




#17
trans-1,2-Dichloroethene
Concen: 20.882 ug/L
RT: 5.427 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW023140.D
Acq: 18 May 2022 18:35

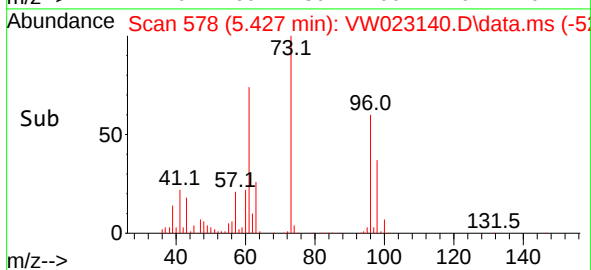
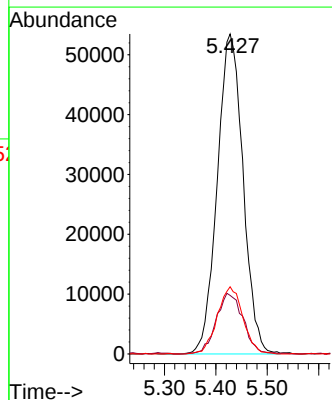
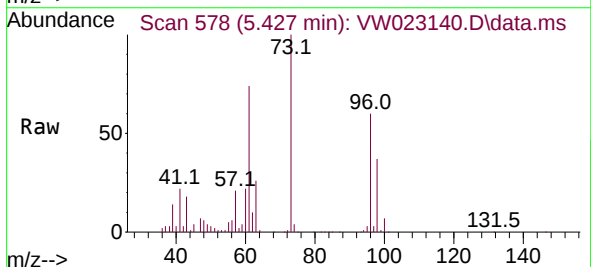
Instrument :
MSVOA_W
ClientSampleId :

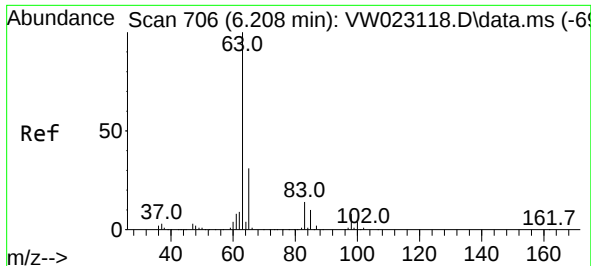
Tgt Ion: 96 Resp: 98230
Ion Ratio Lower Upper
96 100
61 123.7 92.2 171.2
98 61.8 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 25.937 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW023140.D
Acq: 18 May 2022 18:35

Tgt Ion: 73 Resp: 186257
Ion Ratio Lower Upper
73 100
43 19.7 15.9 23.9
57 20.8 16.5 24.7





#19

1,1-Dichloroethane

Concen: 23.448 ug/L

RT: 6.214 min Scan# 706

Delta R.T. 0.006 min

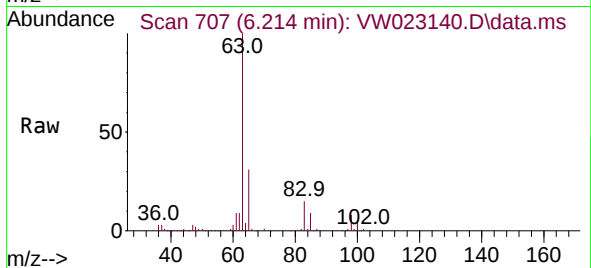
Lab File: VW023140.D

Acq: 18 May 2022 18:35

Instrument :

MSVOA_W

ClientSampleId :



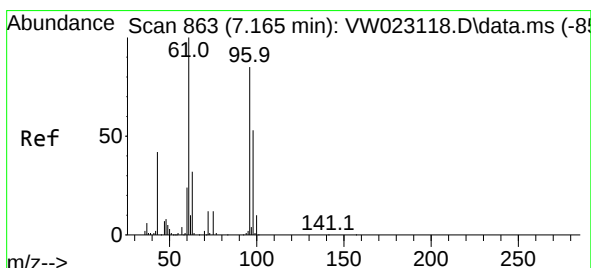
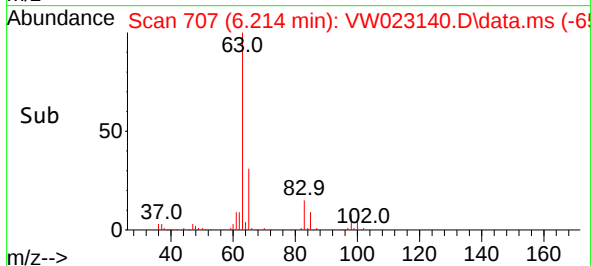
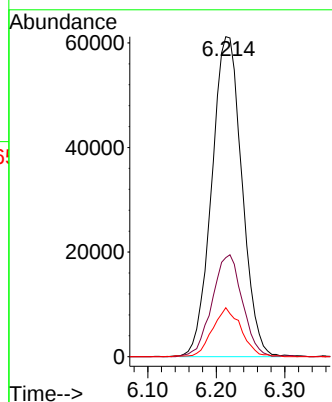
Tgt Ion: 63 Resp: 186943

Ion Ratio Lower Upper

63 100

65 30.9 23.3 43.3

83 15.3 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 23.444 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

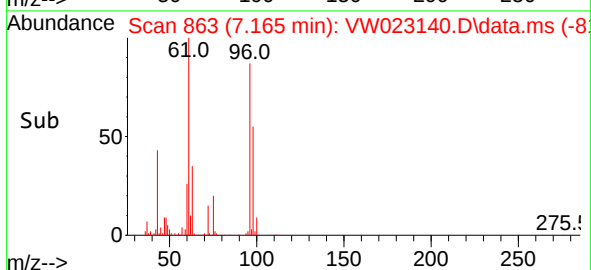
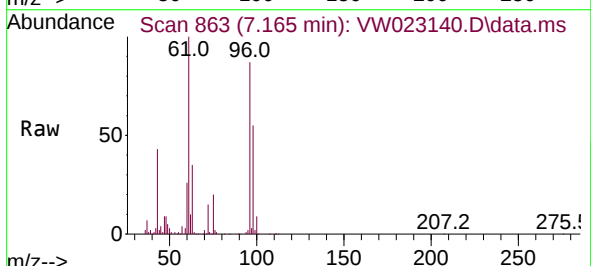
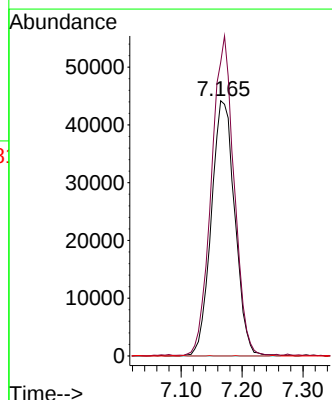
Tgt Ion: 96 Resp: 118455

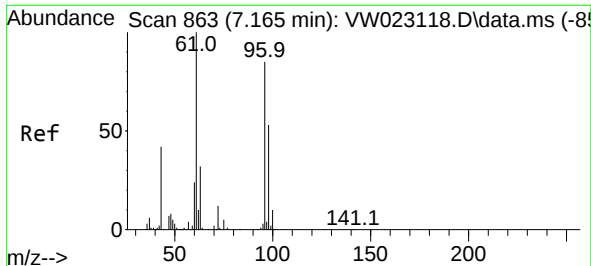
Ion Ratio Lower Upper

96 100

61 115.1 84.2 156.4

68 0.0 0.1 0.1#

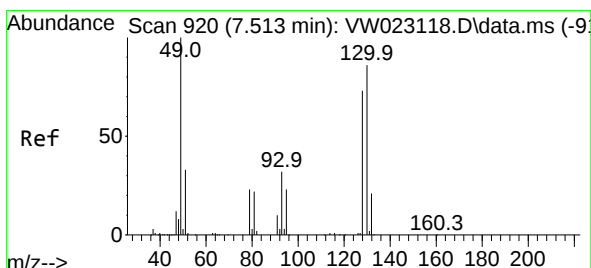
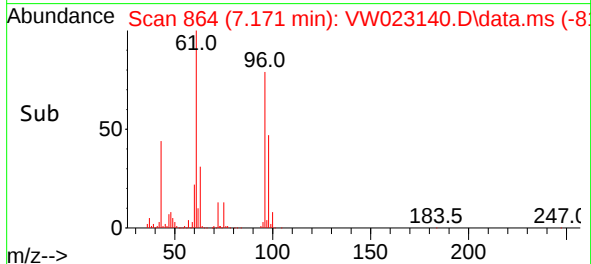
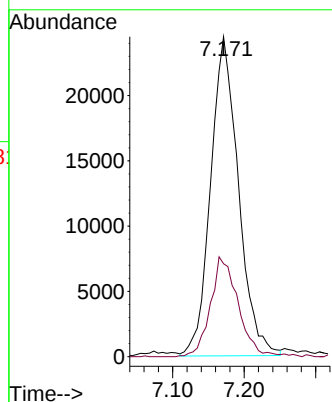
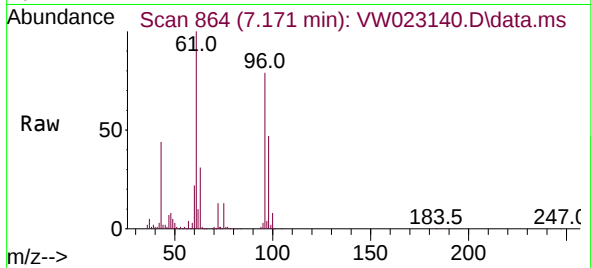




#22
2-Butanone
Concen: 49.633 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023140.D
Acq: 18 May 2022 18:35

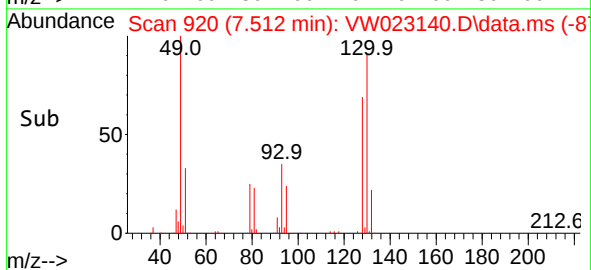
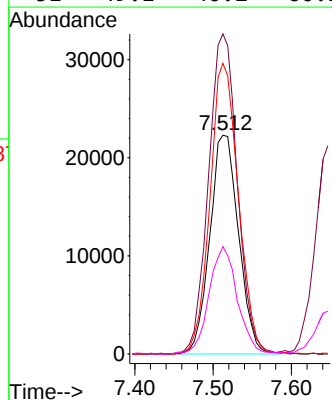
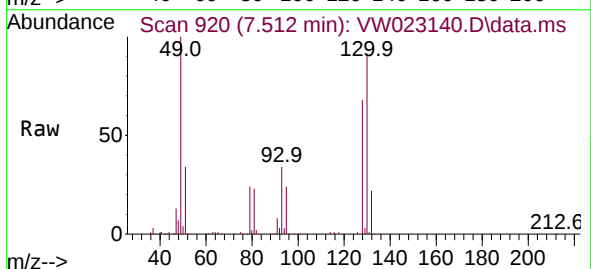
Instrument :
MSVOA_W
ClientSampleId :

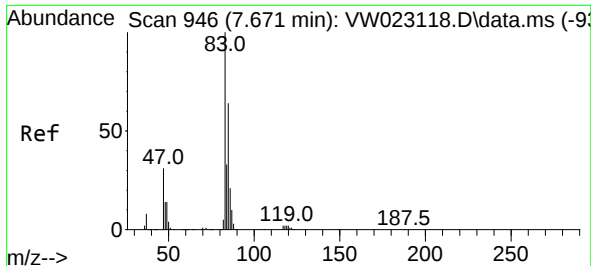
Tgt Ion: 43 Resp: 66162
Ion Ratio Lower Upper
43 100
72 30.4 15.1 45.3



#23
Bromochloromethane
Concen: 24.031 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023140.D
Acq: 18 May 2022 18:35

Tgt Ion: 128 Resp: 56863
Ion Ratio Lower Upper
128 100
49 146.3 110.0 204.4
130 132.9 94.8 176.0
51 49.1 40.2 60.2





#25

Chloroform

Concen: 24.543 ug/L

RT: 7.677 min Scan# 946

Delta R.T. 0.006 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

Instrument :

MSVOA_W

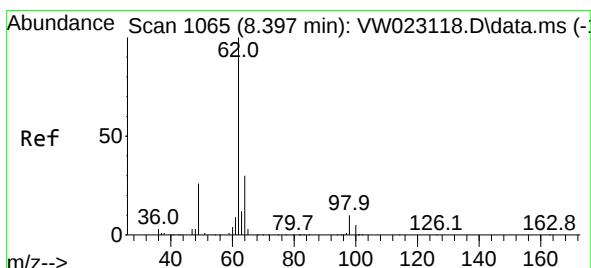
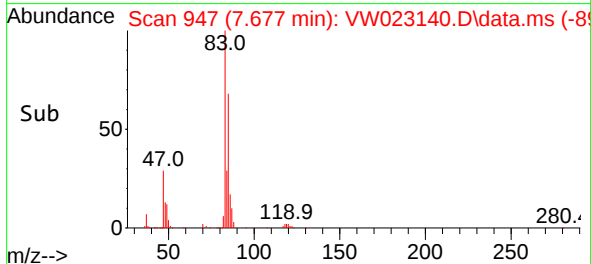
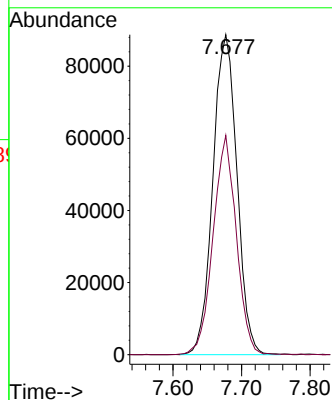
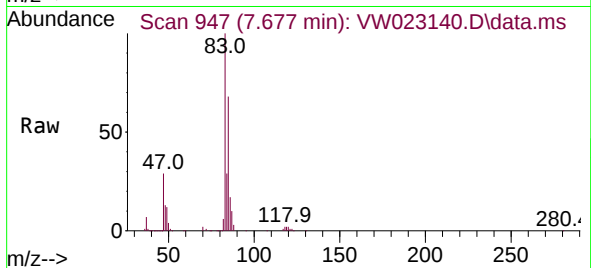
ClientSampleId :

Tgt Ion: 83 Resp: 216365

Ion Ratio Lower Upper

83 100

85 68.5 46.6 86.6



#27

1,2-Dichloroethane

Concen: 24.104 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW023140.D

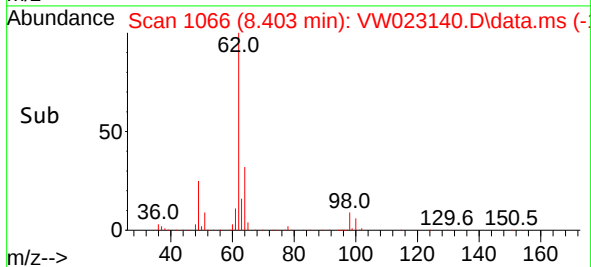
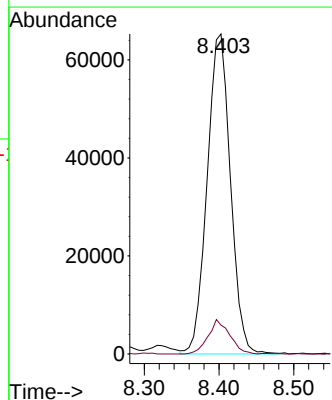
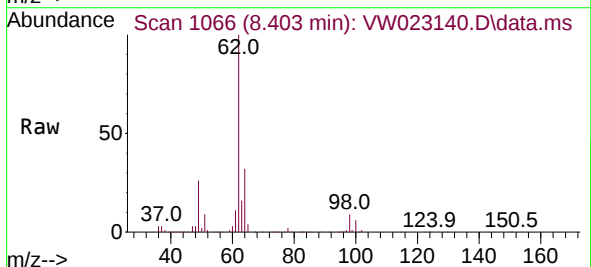
Acq: 18 May 2022 18:35

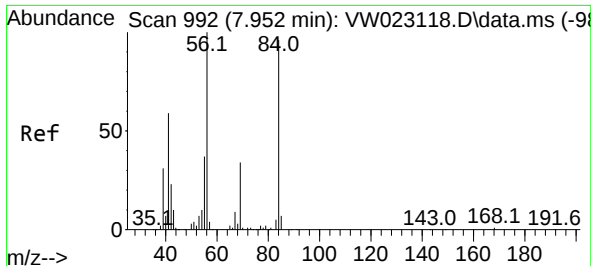
Tgt Ion: 62 Resp: 141651

Ion Ratio Lower Upper

62 100

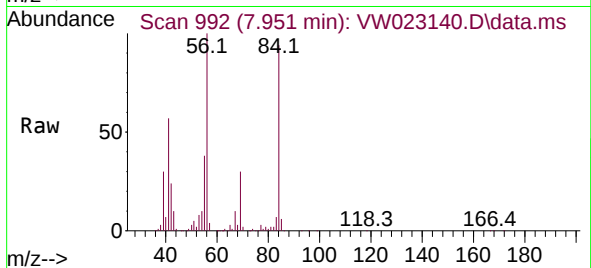
98 9.0 7.2 10.8



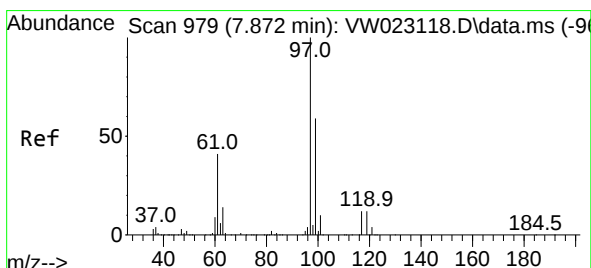
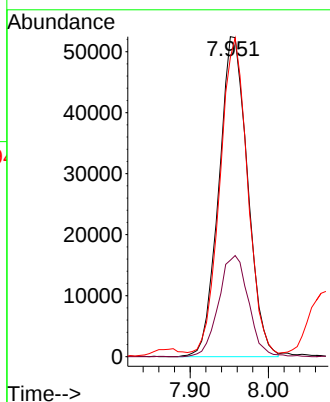
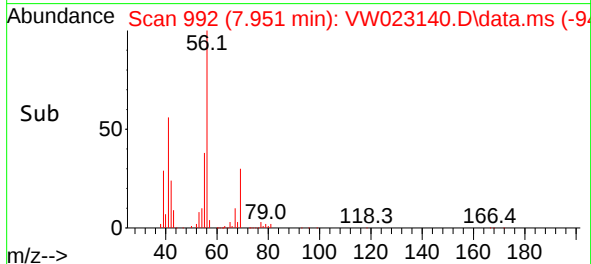


#29
Cyclohexane
Concen: 19.671 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW023140.D
Acq: 18 May 2022 18:35

Instrument :
MSVOA_W
ClientSampleId :

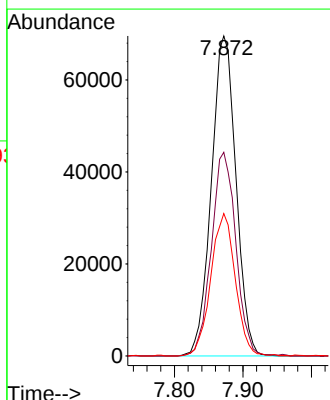
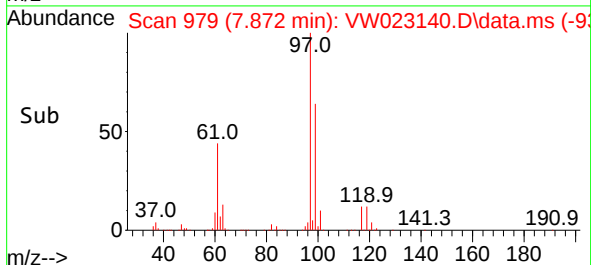
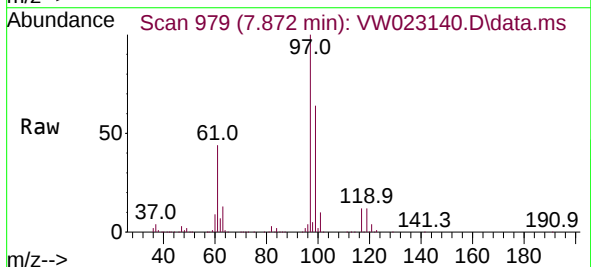


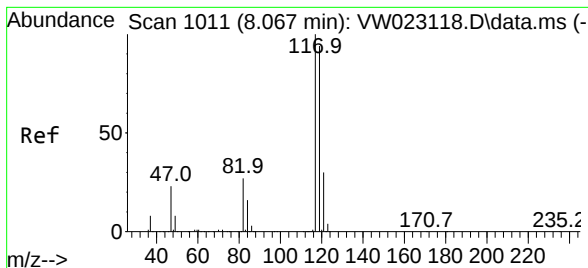
Tgt Ion: 56 Resp: 133917
Ion Ratio Lower Upper
56 100
69 32.6 25.6 38.4
84 94.4 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 23.333 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW023140.D
Acq: 18 May 2022 18:35

Tgt Ion: 97 Resp: 173573
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.4
61 44.2 34.8 52.2

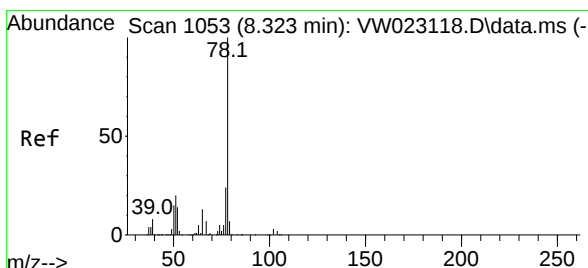
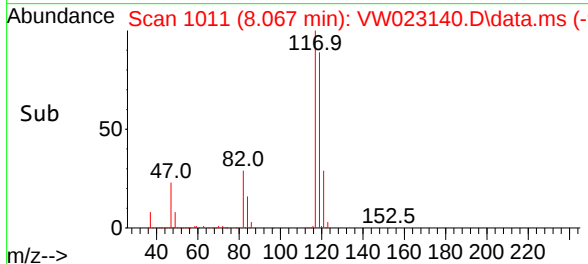
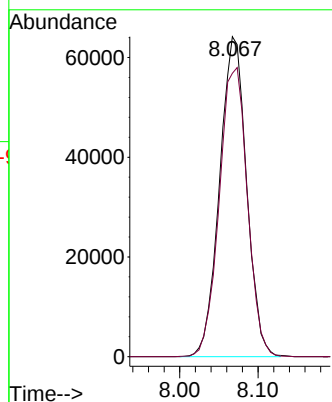
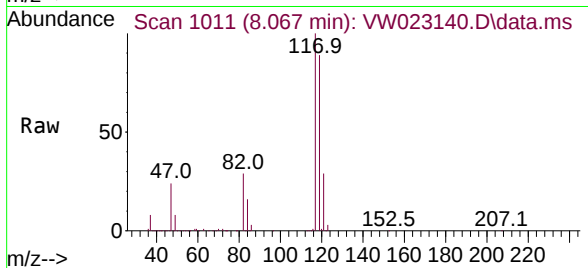




#31
Carbon tetrachloride
Concen: 22.083 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023140.D
Acq: 18 May 2022 18:35

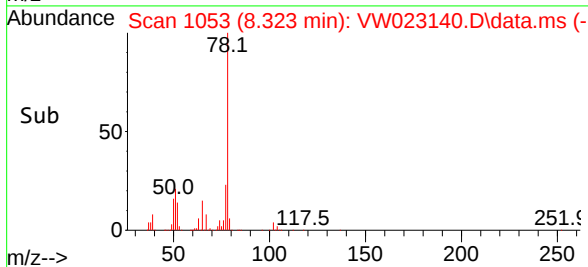
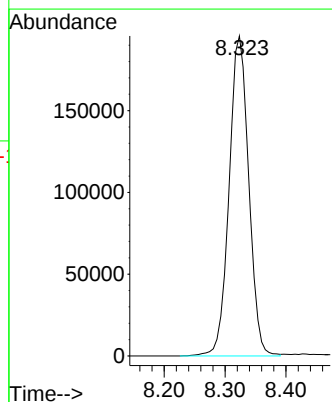
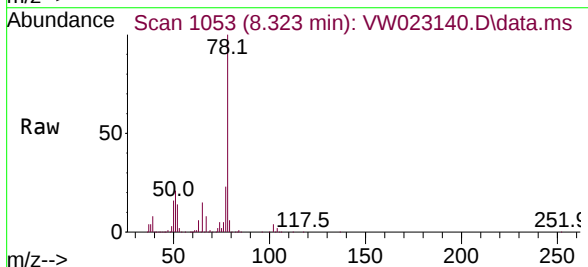
Instrument :
MSVOA_W
ClientSampleId :

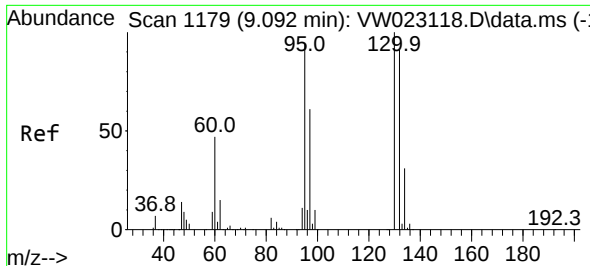
Tgt Ion:117 Resp: 153666
Ion Ratio Lower Upper
117 100
119 94.3 76.6 115.0



#33
Benzene
Concen: 23.606 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023140.D
Acq: 18 May 2022 18:35

Tgt Ion: 78 Resp: 437741





#34

Trichloroethene

Concen: 22.443 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 114456

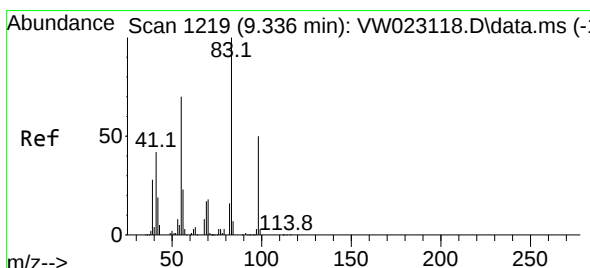
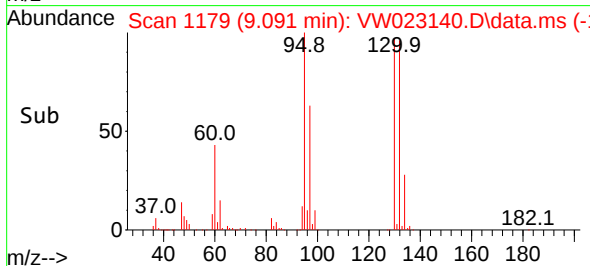
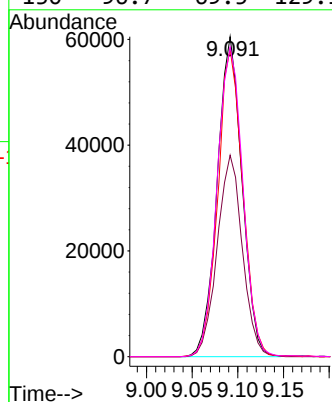
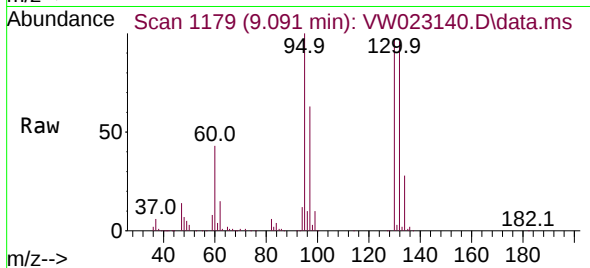
Ion Ratio Lower Upper

95 100

97 63.0 46.1 85.7

132 96.1 66.9 124.3

130 96.7 69.5 129.1



#35

Methylcyclohexane

Concen: 19.630 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

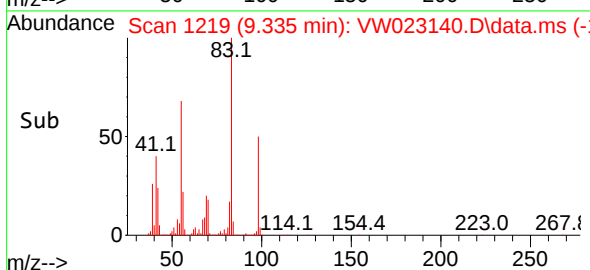
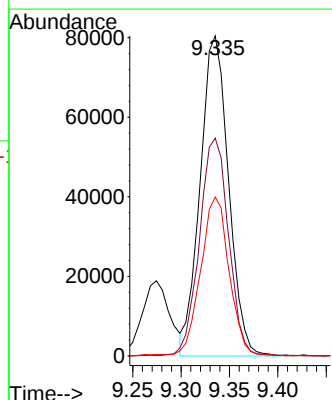
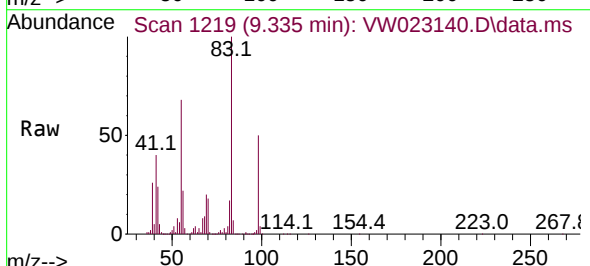
Tgt Ion: 83 Resp: 164457

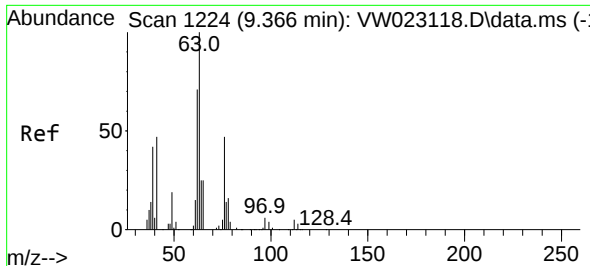
Ion Ratio Lower Upper

83 100

55 69.6 55.1 82.7

98 49.6 40.4 60.6





#37

1,2-Dichloropropane

Concen: 24.000 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

Instrument :

MSVOA_W

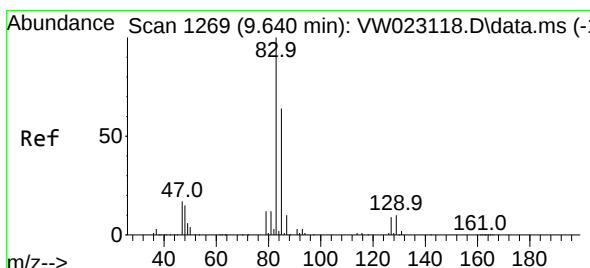
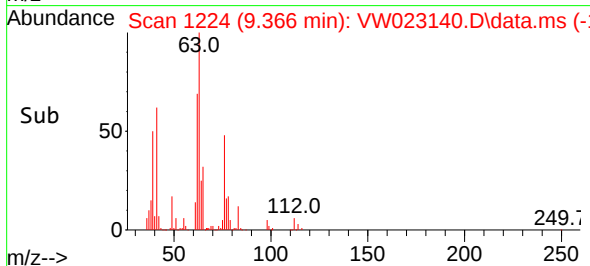
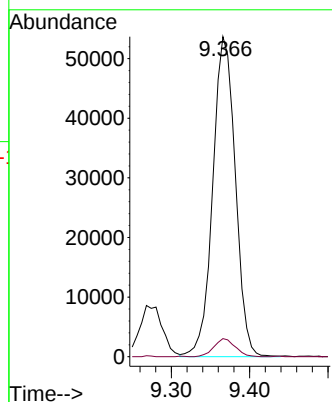
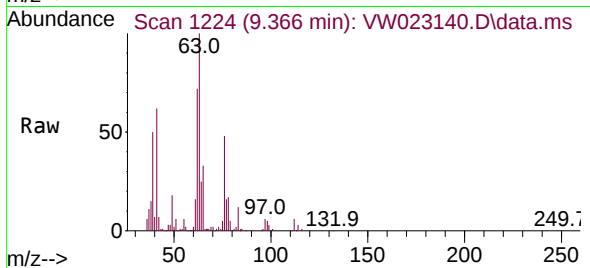
ClientSampleId :

Tgt Ion: 63 Resp: 107699

Ion Ratio Lower Upper

63 100

112 5.3 3.8 5.8



#38

Bromodichloromethane

Concen: 23.835 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

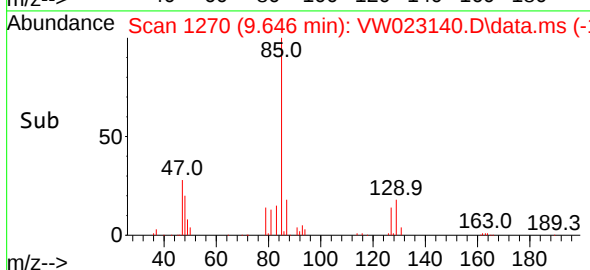
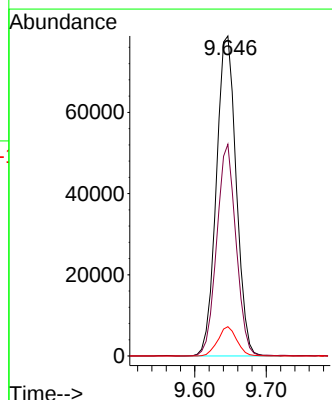
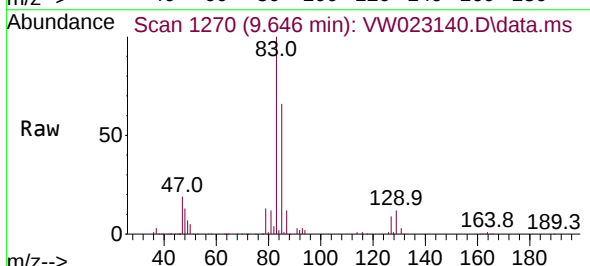
Tgt Ion: 83 Resp: 151925

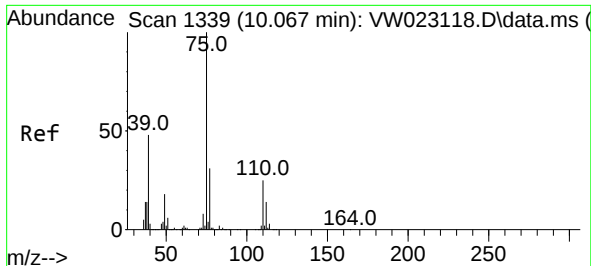
Ion Ratio Lower Upper

83 100

85 66.1 43.5 80.7

127 9.1 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 23.010 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.006 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

Instrument :

MSVOA_W

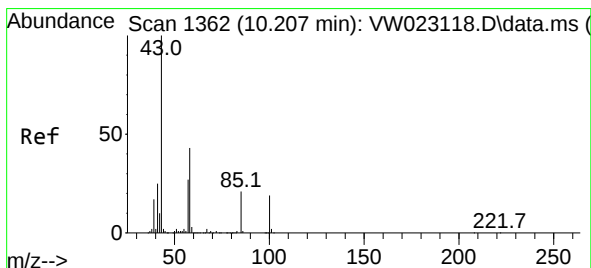
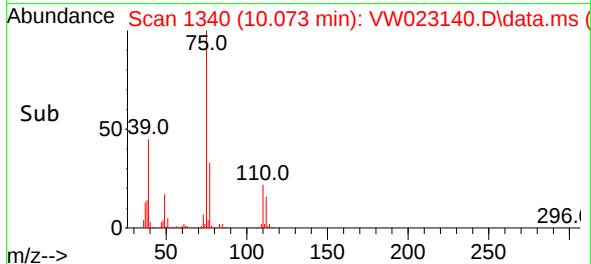
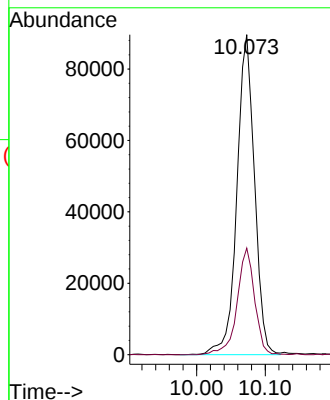
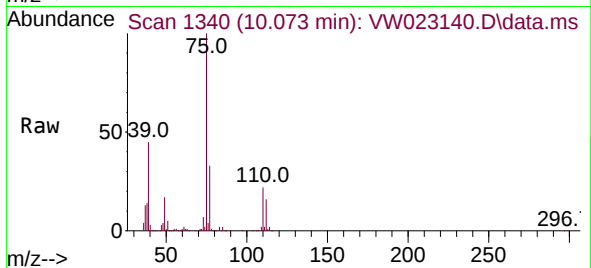
ClientSampleId :

Tgt Ion: 75 Resp: 160109

Ion Ratio Lower Upper

75 100

77 33.3 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 52.685 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

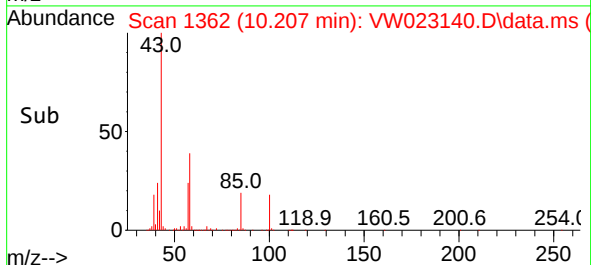
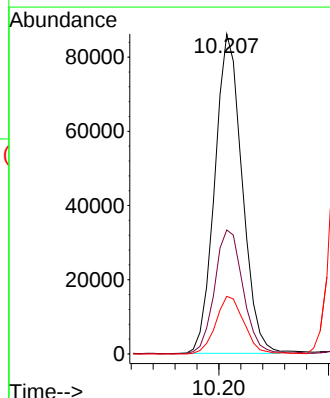
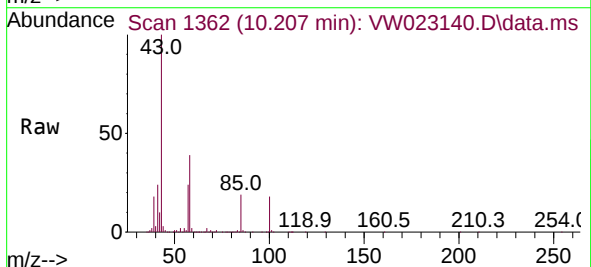
Tgt Ion: 43 Resp: 149019

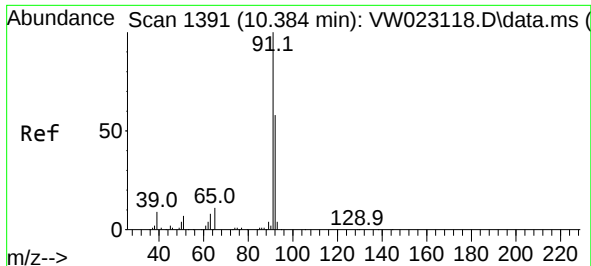
Ion Ratio Lower Upper

43 100

58 40.6 31.4 47.2

100 18.5 14.2 21.4

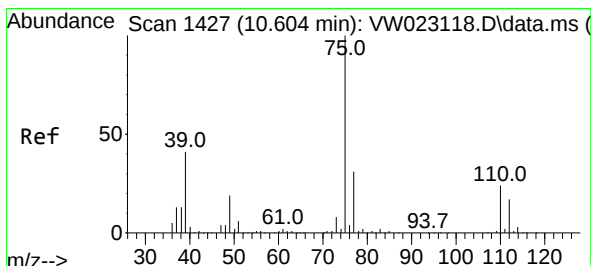
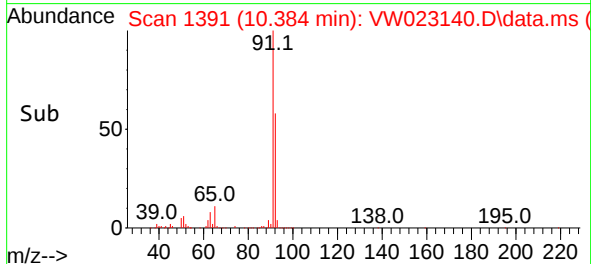
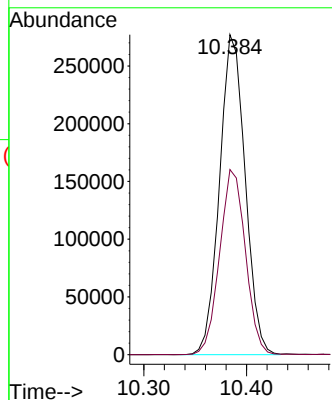
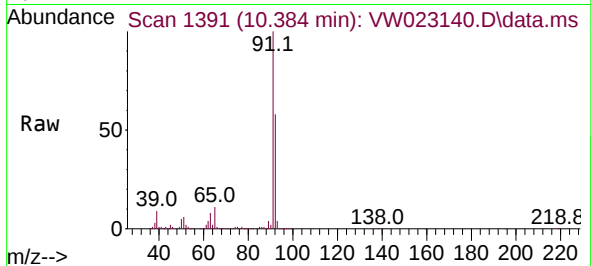




#42
Toluene
Concen: 23.093 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023140.D
Acq: 18 May 2022 18:35

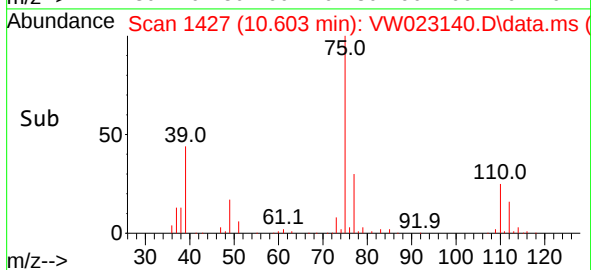
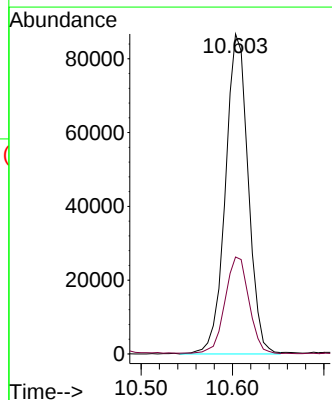
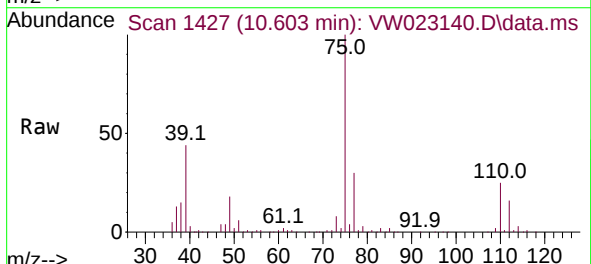
Instrument :
MSVOA_W
ClientSampleId :

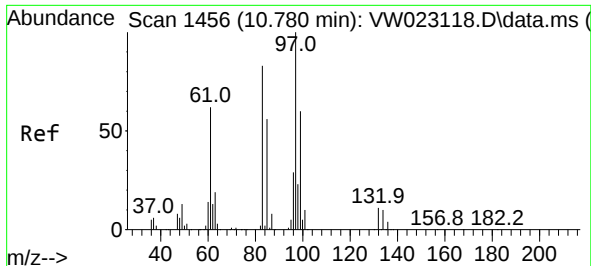
Tgt Ion: 91 Resp: 479921
Ion Ratio Lower Upper
91 100
92 57.9 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 24.163 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023140.D
Acq: 18 May 2022 18:35

Tgt Ion: 75 Resp: 150072
Ion Ratio Lower Upper
75 100
77 30.3 22.0 40.8

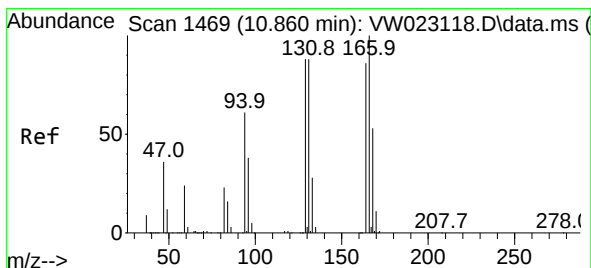
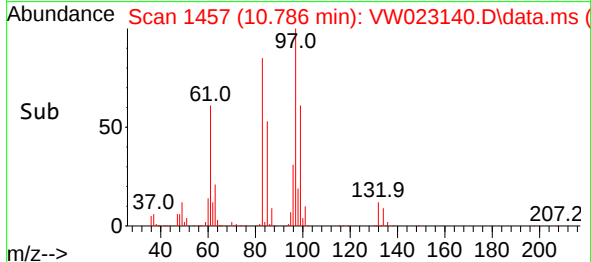
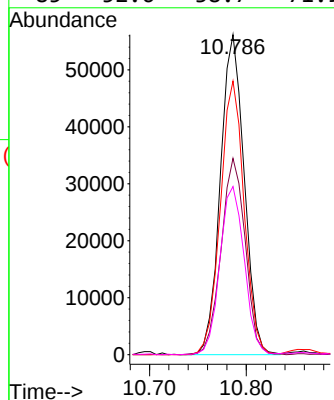
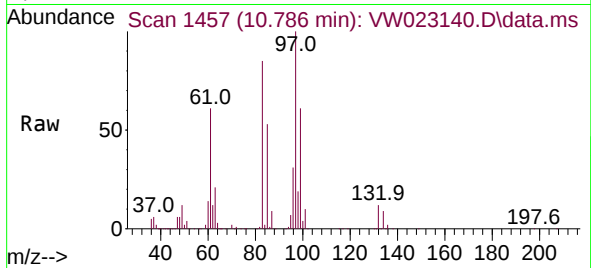




#45
1,1,2-Trichloroethane
Concen: 25.573 ug/L
RT: 10.786 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VW023140.D
Acq: 18 May 2022 18:35

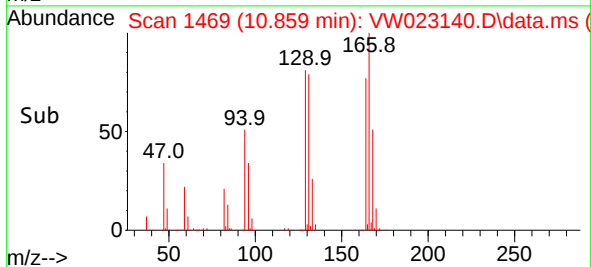
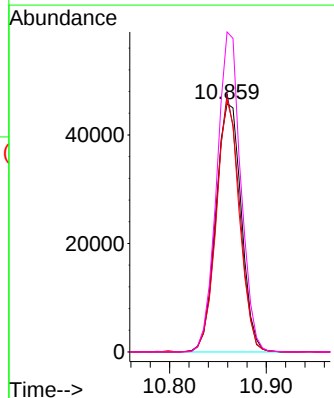
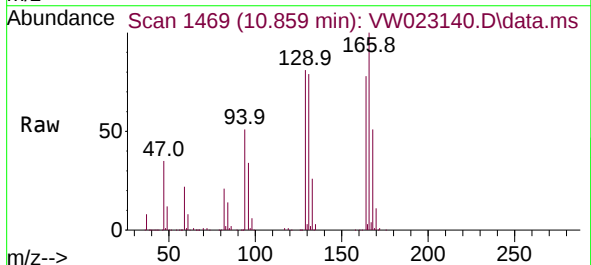
Instrument :
MSVOA_W
ClientSampleId :

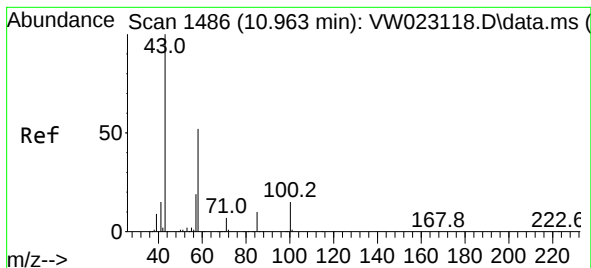
Tgt Ion: 97	Resp: 95935
Ion Ratio	Lower Upper
97 100	
99 61.3	44.7 82.9
83 85.5	58.4 108.4
85 52.6	38.7 71.9



#46
Tetrachloroethene
Concen: 21.626 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023140.D
Acq: 18 May 2022 18:35

Tgt	Ion:164	Resp:	82881
Ion	Ratio	Lower	Upper
164	100		
129	103.9	76.9	142.7
131	101.5	75.1	139.5
166	128.9	96.0	178.2





#48

2-Hexanone

Concen: 52.301 ug/L

RT: 10.969 min Scan# 1486

Delta R.T. 0.006 min

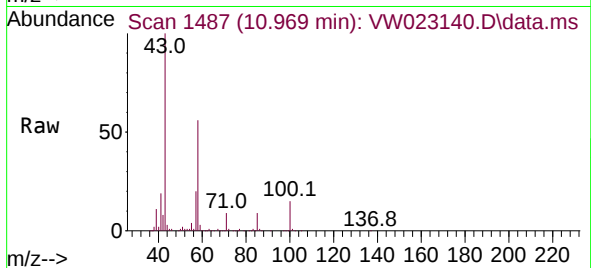
Lab File: VW023140.D

Acq: 18 May 2022 18:35

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 98843

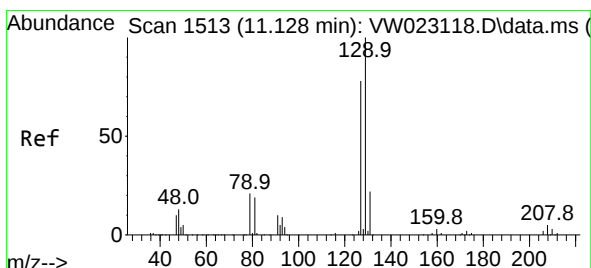
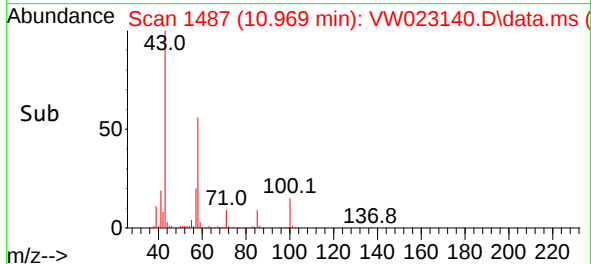
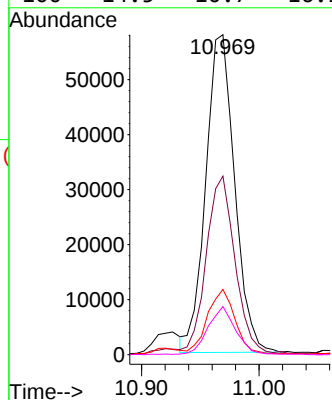
Ion Ratio Lower Upper

43 100

58 56.1 45.9 68.9

57 19.1 16.2 24.2

100 14.5 10.7 16.1



#49

Dibromochloromethane

Concen: 24.609 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW023140.D

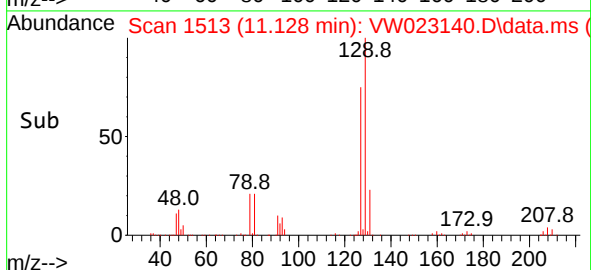
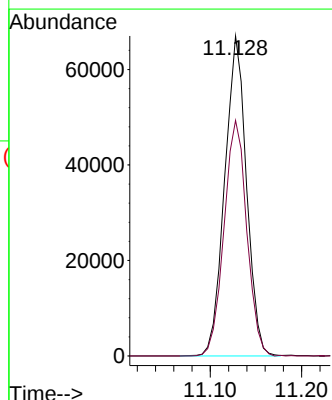
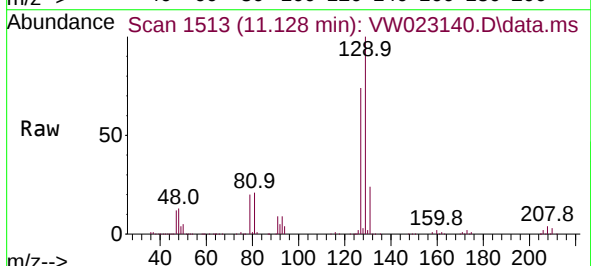
Acq: 18 May 2022 18:35

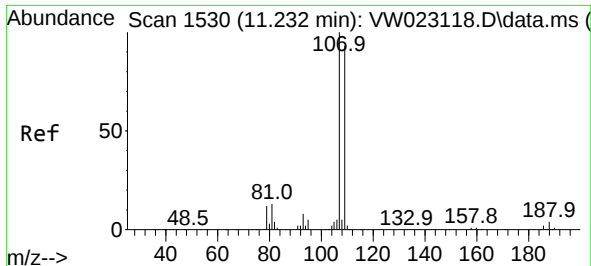
Tgt Ion: 129 Resp: 111110

Ion Ratio Lower Upper

129 100

127 73.6 53.8 100.0





#50

1,2-Dibromoethane

Concen: 24.339 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

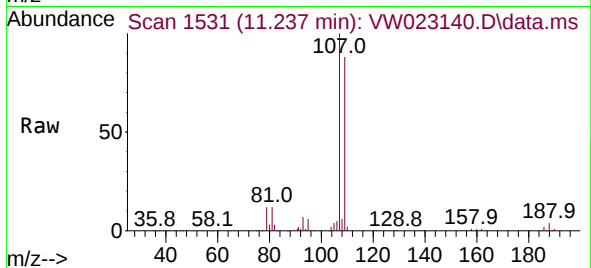
Lab File: VW023140.D

Acq: 18 May 2022 18:35

Instrument :

MSVOA_W

ClientSampleId :



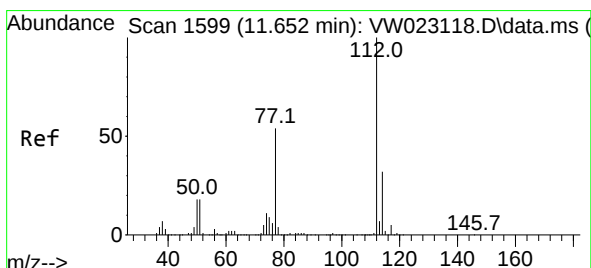
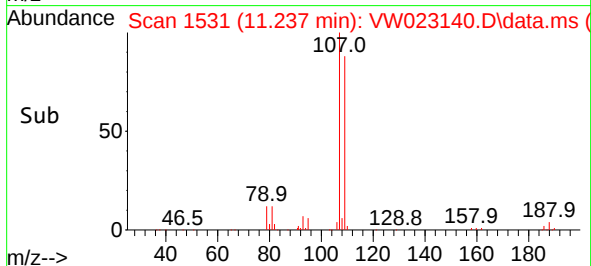
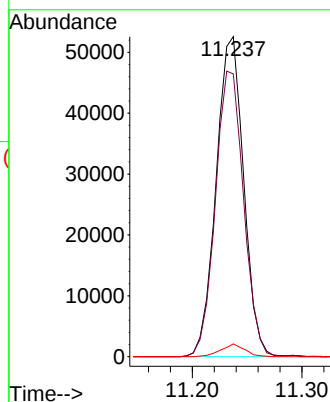
Tgt Ion:107 Resp: 91683

Ion Ratio Lower Upper

107 100

109 88.3 67.5 125.4

188 4.0 2.9 4.3



#51

Chlorobenzene

Concen: 23.822 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

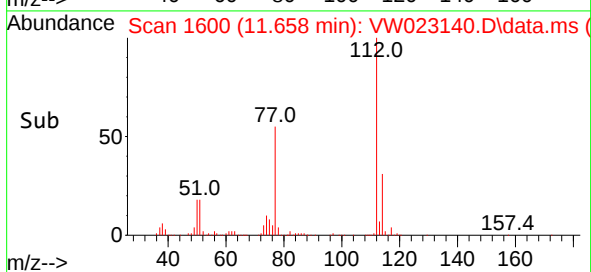
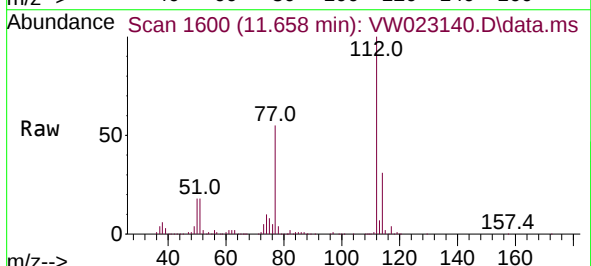
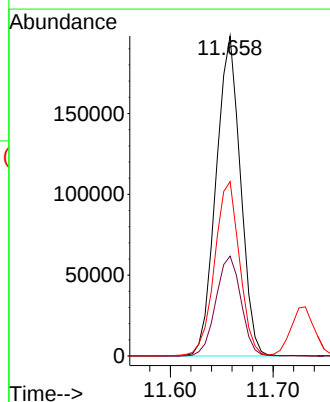
Tgt Ion:112 Resp: 326373

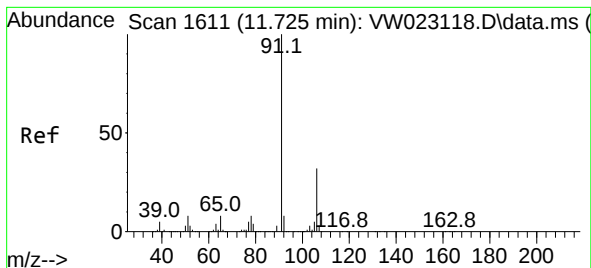
Ion Ratio Lower Upper

112 100

114 31.2 22.0 41.0

77 54.5 42.6 63.8

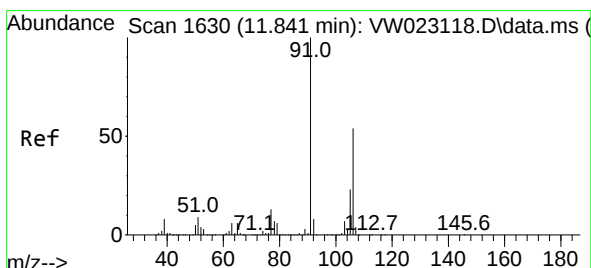
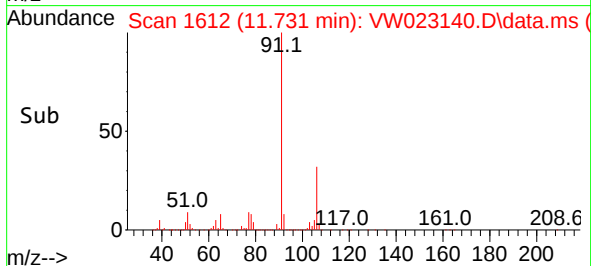
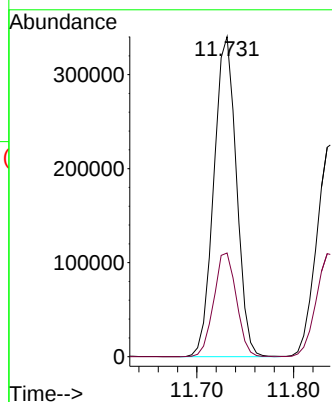
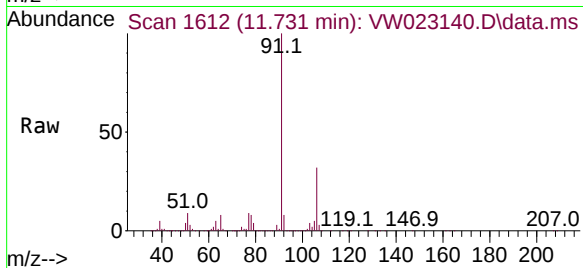




#52
Ethylbenzene
Concen: 23.819 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023140.D
Acq: 18 May 2022 18:35

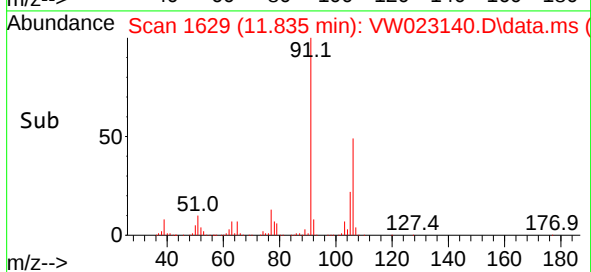
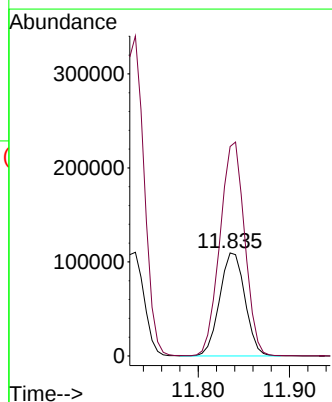
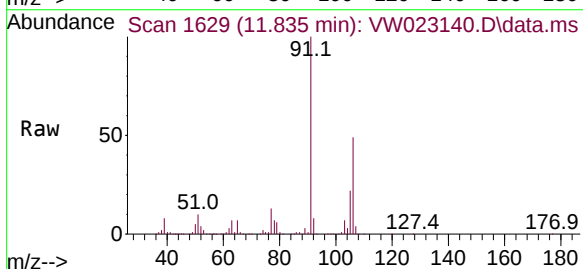
Instrument :
MSVOA_W
ClientSampleId :

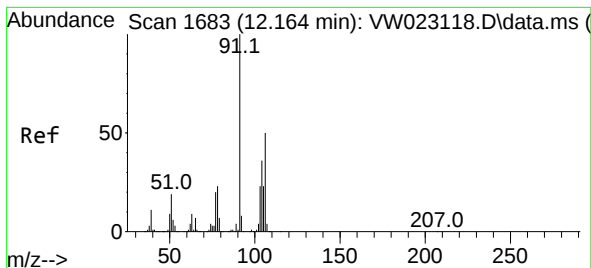
Tgt Ion: 91 Resp: 550695
Ion Ratio Lower Upper
91 100
106 32.4 22.3 41.3



#53
m,p-Xylene
Concen: 23.199 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023140.D
Acq: 18 May 2022 18:35

Tgt Ion:106 Resp: 211341
Ion Ratio Lower Upper
106 100
91 203.1 136.8 254.0





#54

o-Xylene

Concen: 24.205 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

Instrument :

MSVOA_W

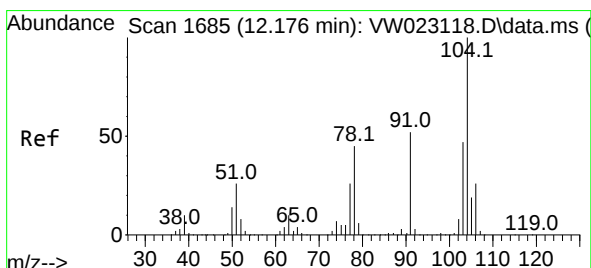
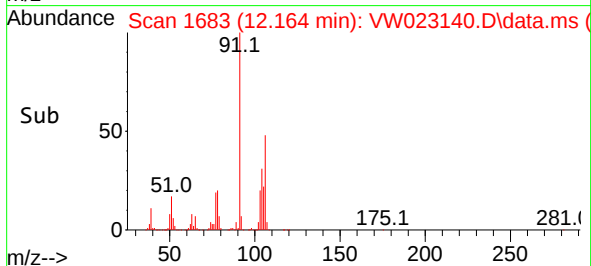
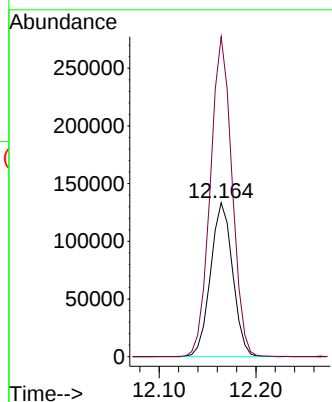
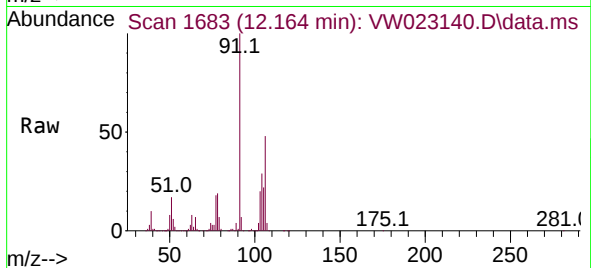
ClientSampleId :

Tgt Ion:106 Resp: 211600

Ion Ratio Lower Upper

106 100

91 207.9 147.2 273.4



#55

Styrene

Concen: 24.475 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW023140.D

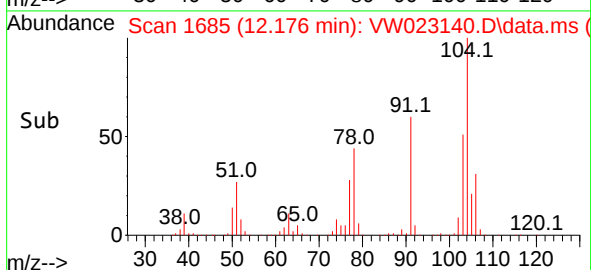
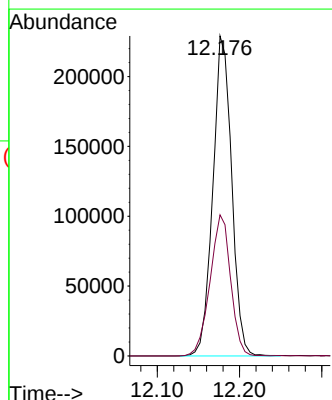
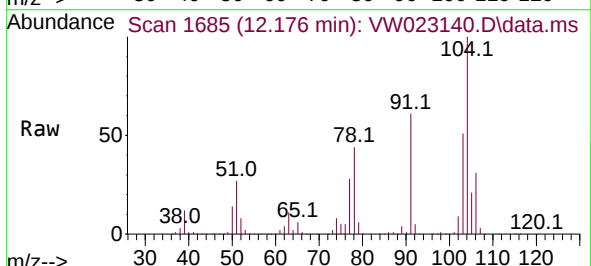
Acq: 18 May 2022 18:35

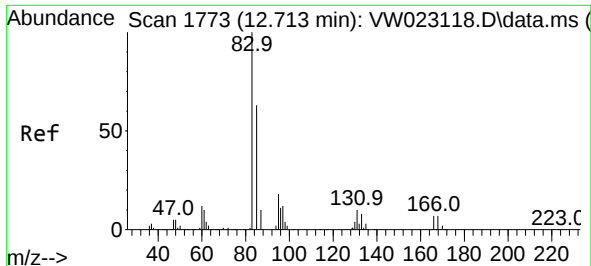
Tgt Ion:104 Resp: 363564

Ion Ratio Lower Upper

104 100

78 44.1 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.328 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

Instrument :

MSVOA_W

ClientSampleId :

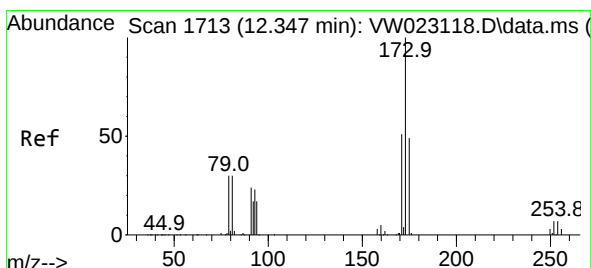
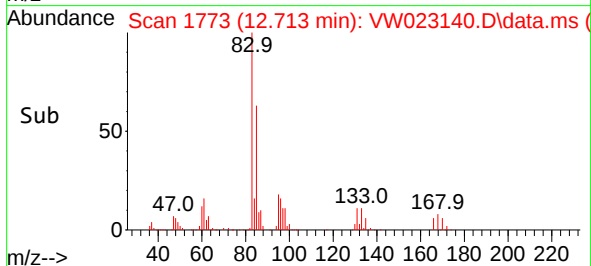
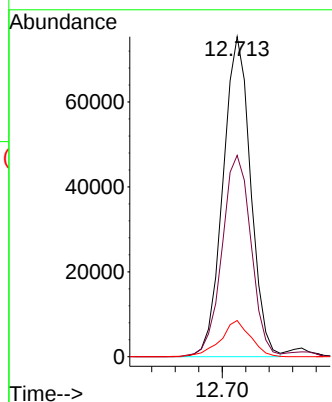
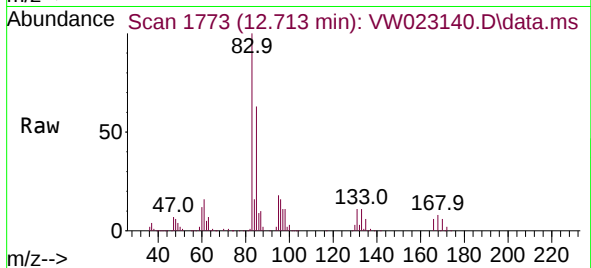
Tgt Ion: 83 Resp: 123361

Ion Ratio Lower Upper

83 100

85 62.9 47.5 88.1

131 11.3 8.7 13.1



#59

Bromoform

Concen: 27.945 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

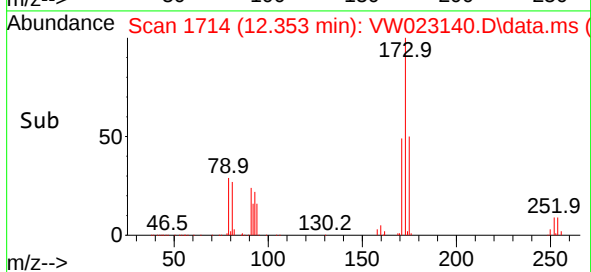
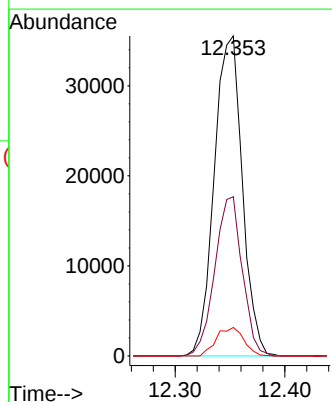
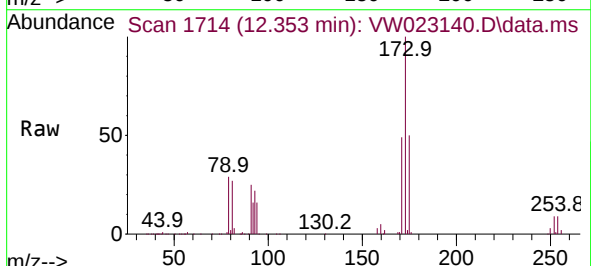
Tgt Ion:173 Resp: 63216

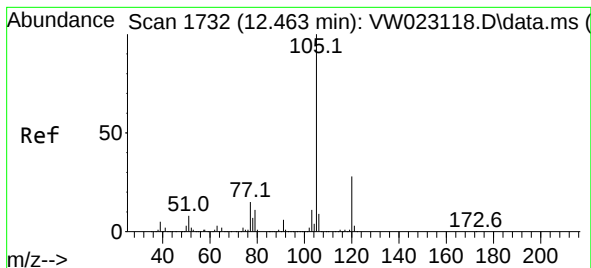
Ion Ratio Lower Upper

173 100

175 48.7 38.1 57.1

254 8.7 6.5 9.7





#60

Isopropylbenzene

Concen: 26.888 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

Instrument :

MSVOA_W

ClientSampleId :

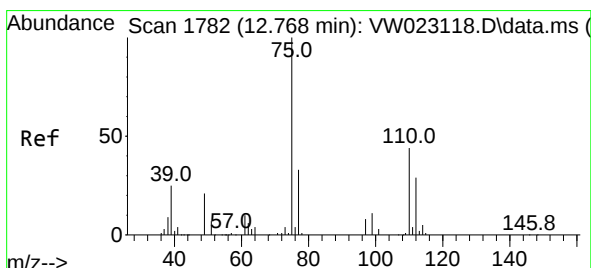
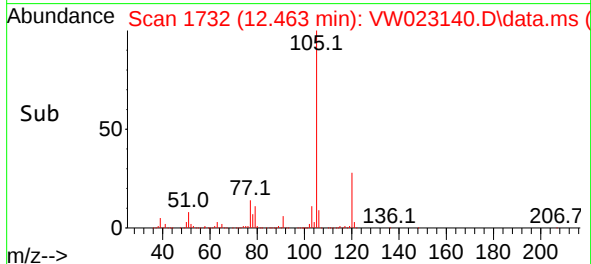
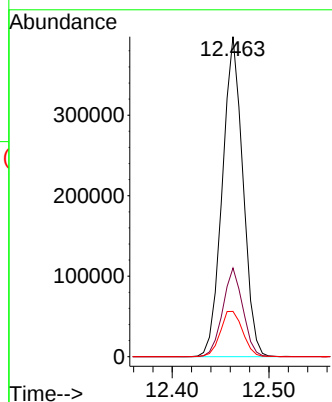
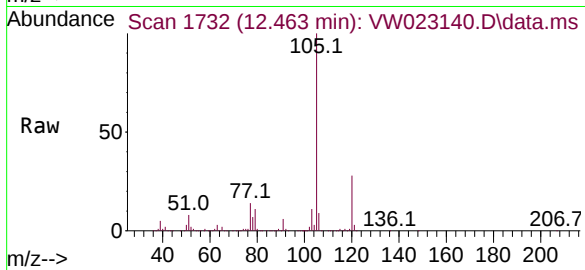
Tgt Ion:105 Resp: 587982

Ion Ratio Lower Upper

105 100

120 27.1 21.3 31.9

77 15.4 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 27.936 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

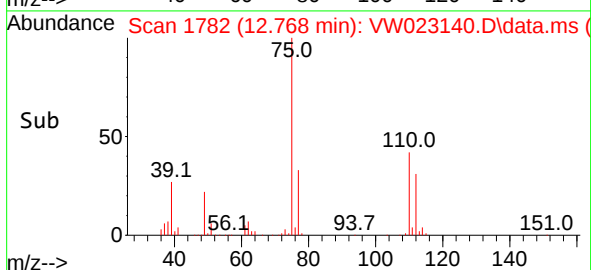
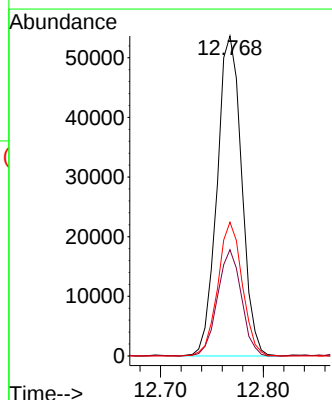
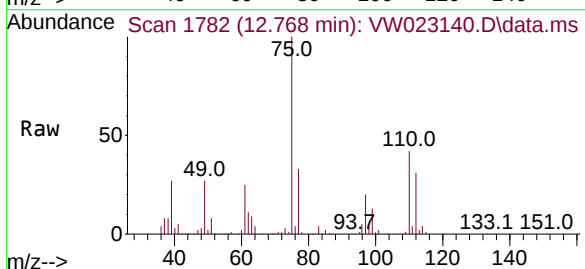
Tgt Ion: 75 Resp: 89099

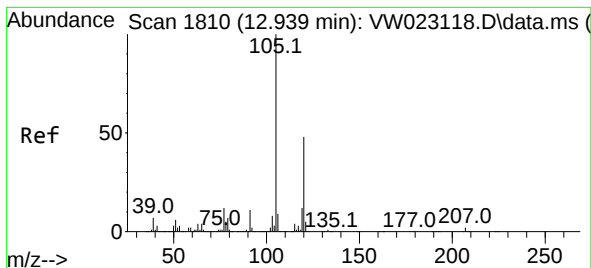
Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2

110 41.5 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 25.654 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

Instrument :

MSVOA_W

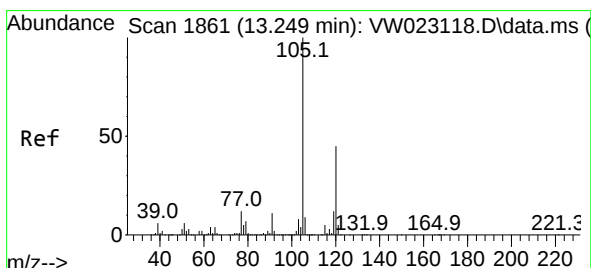
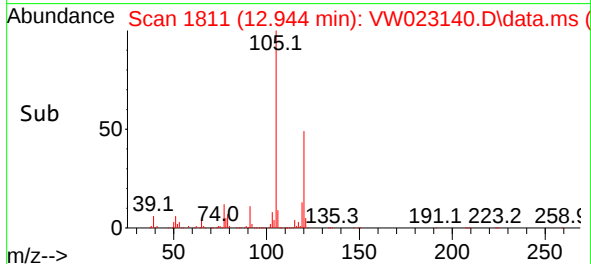
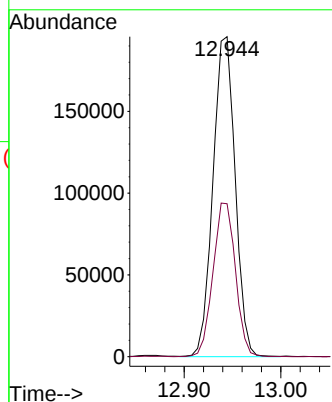
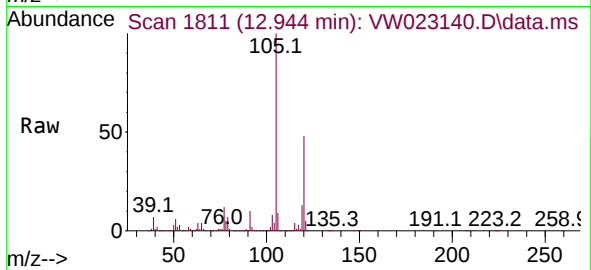
ClientSampleId :

Tgt Ion:105 Resp: 312099

Ion Ratio Lower Upper

105 100

120 48.6 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 24.598 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023140.D

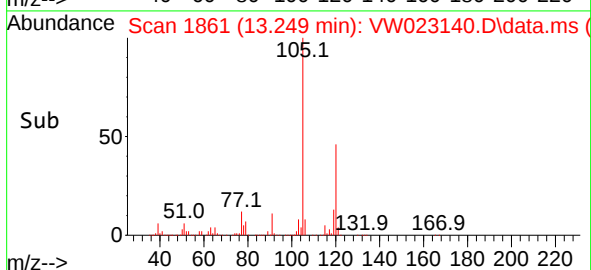
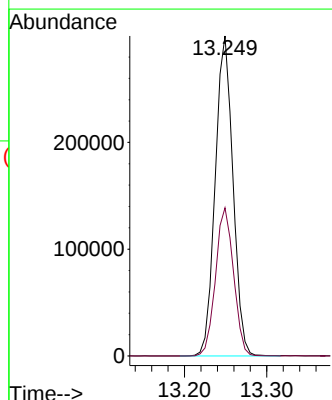
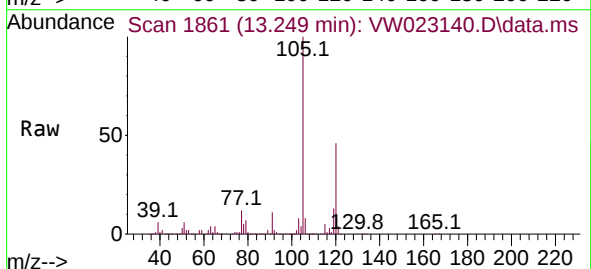
Acq: 18 May 2022 18:35

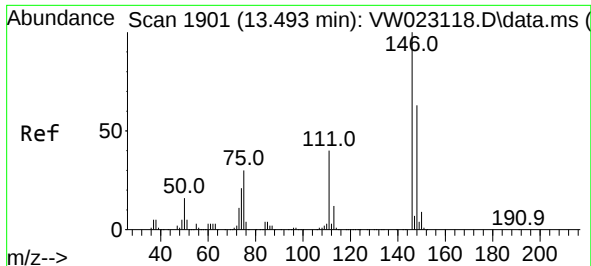
Tgt Ion:105 Resp: 449330

Ion Ratio Lower Upper

105 100

120 47.0 37.4 56.2

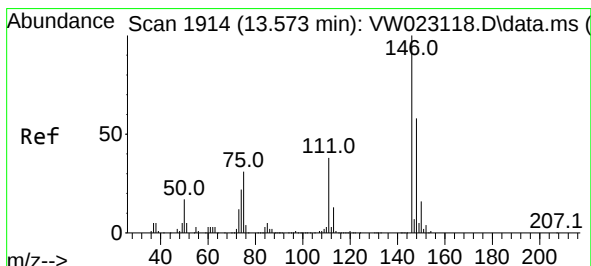
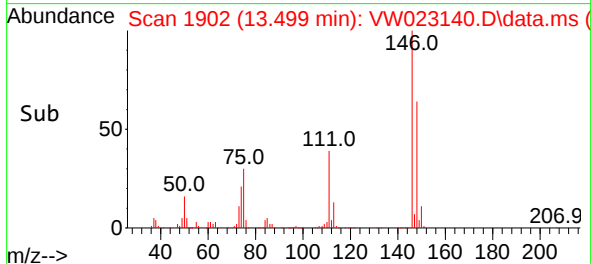
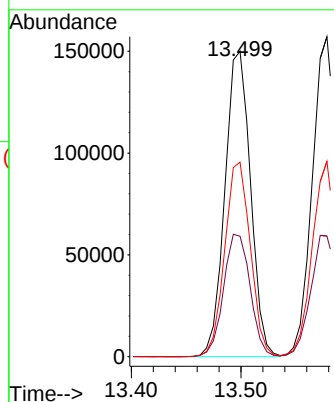
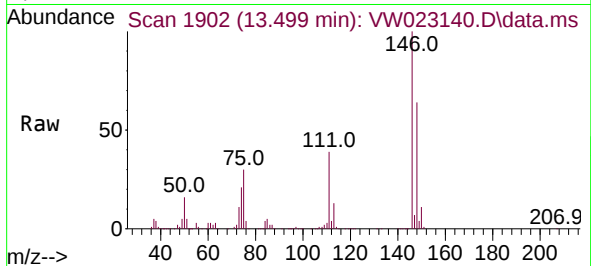




#64
1,3-Dichlorobenzene
Concen: 24.963 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW023140.D
Acq: 18 May 2022 18:35

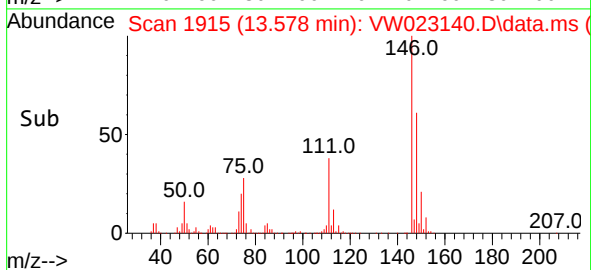
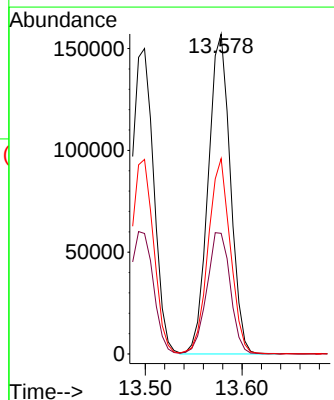
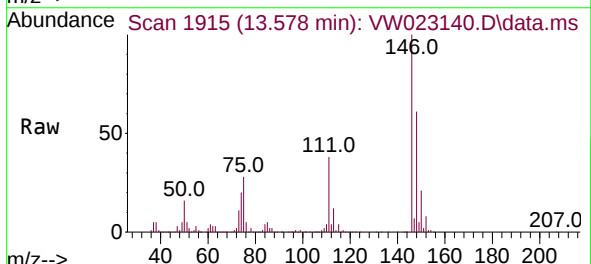
Instrument :
MSVOA_W
ClientSampleId :

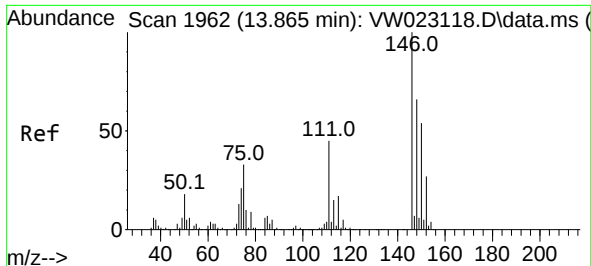
Tgt Ion:146 Resp: 243719
Ion Ratio Lower Upper
146 100
111 39.4 29.5 54.9
148 63.7 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 24.848 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW023140.D
Acq: 18 May 2022 18:35

Tgt Ion:146 Resp: 250576
Ion Ratio Lower Upper
146 100
111 37.7 27.2 50.4
148 61.0 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.989 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

Instrument :

MSVOA_W

ClientSampleId :

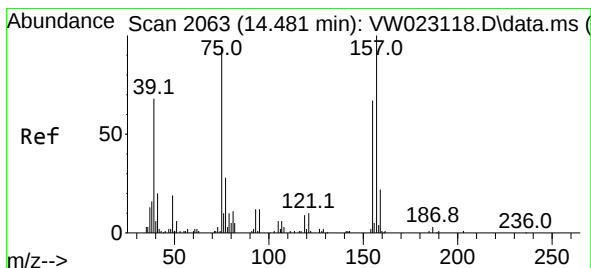
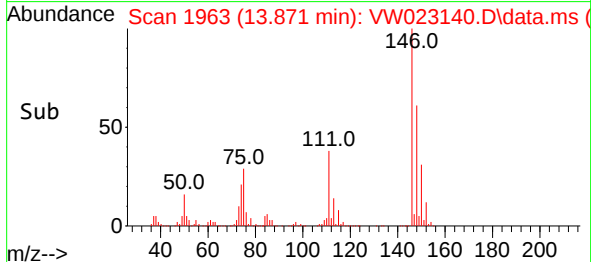
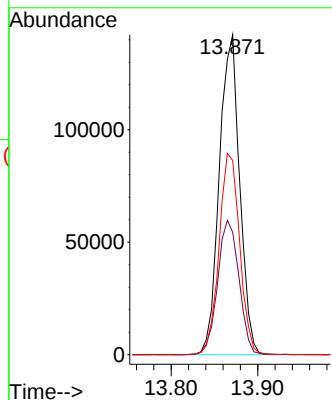
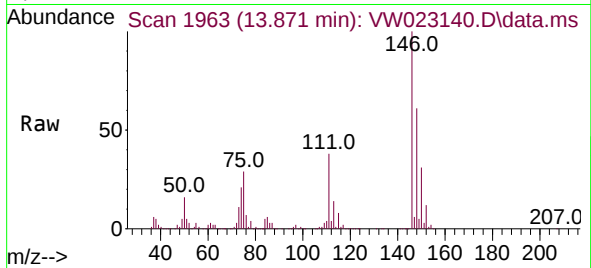
Tgt Ion:146 Resp: 232191

Ion Ratio Lower Upper

146 100

111 38.3 35.7 53.5

148 60.7 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.447 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

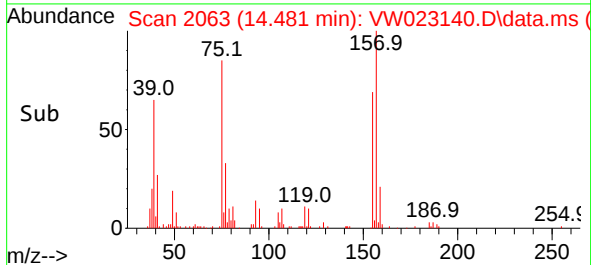
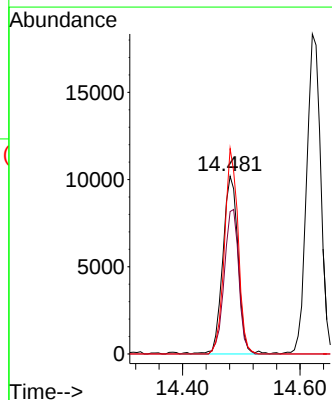
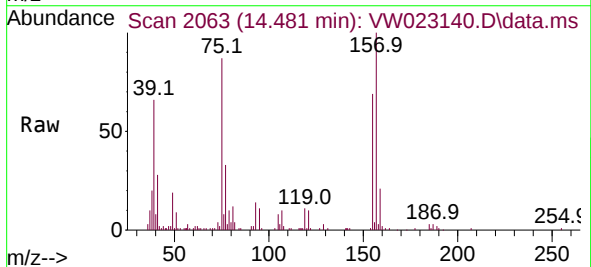
Tgt Ion: 75 Resp: 18435

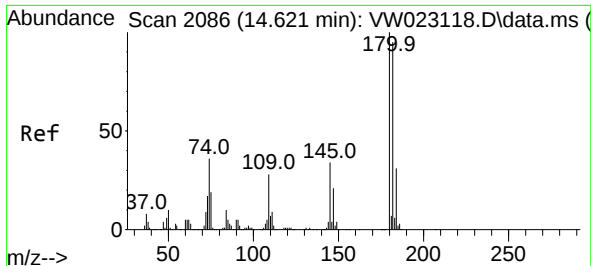
Ion Ratio Lower Upper

75 100

155 80.0 59.3 88.9

157 115.5 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 23.346 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 151301

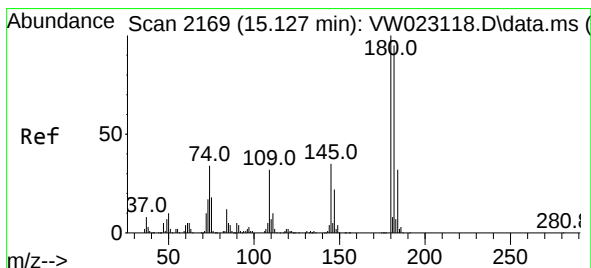
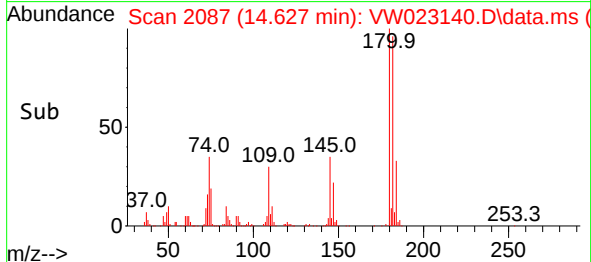
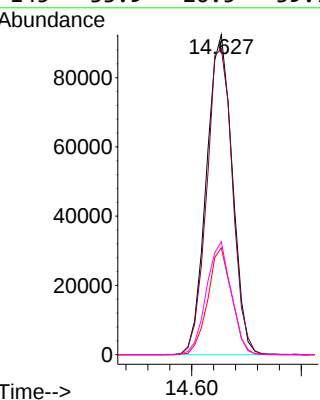
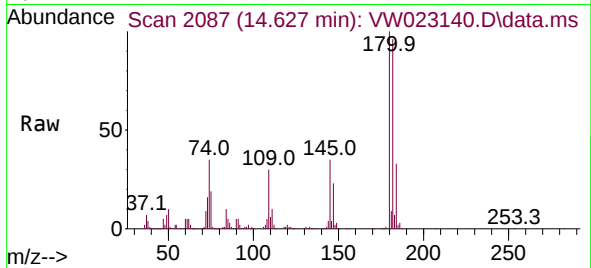
Ion Ratio Lower Upper

180 100

182 95.7 74.8 112.2

184 31.0 23.4 35.2

145 33.9 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 24.301 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

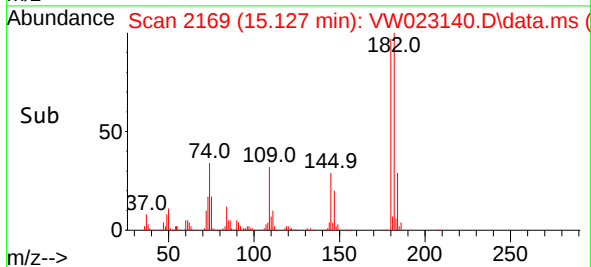
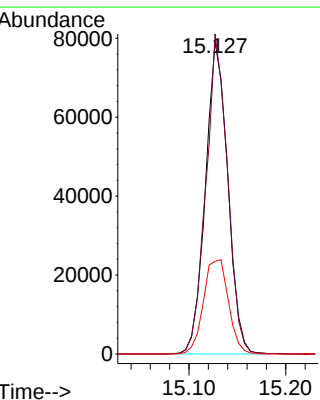
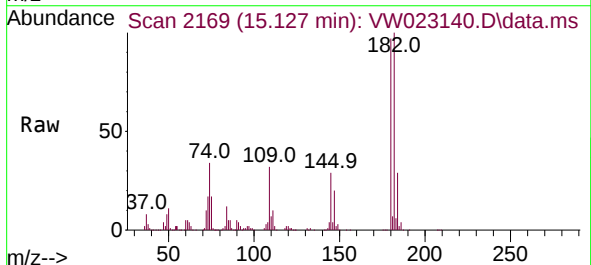
Tgt Ion:180 Resp: 126683

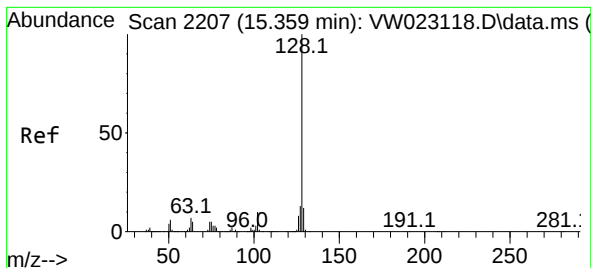
Ion Ratio Lower Upper

180 100

182 99.3 74.9 112.3

145 33.8 26.6 39.8





#71

Naphthalene

Concen: 28.032 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

Instrument :

MSVOA_W

ClientSampleId :

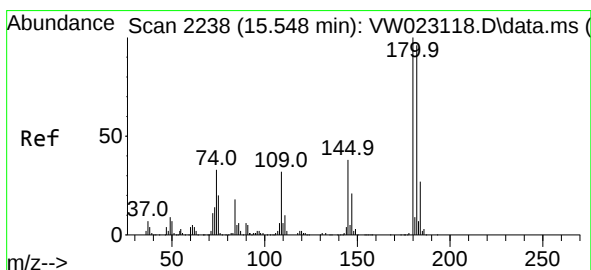
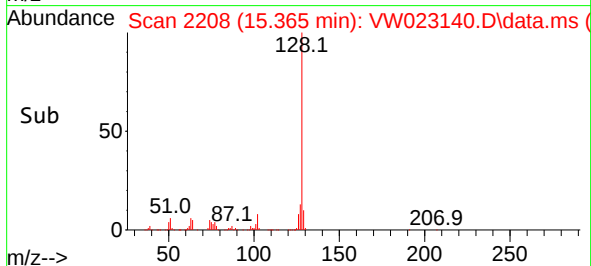
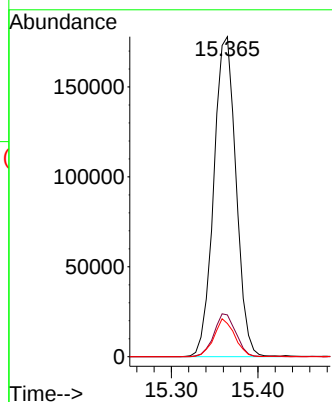
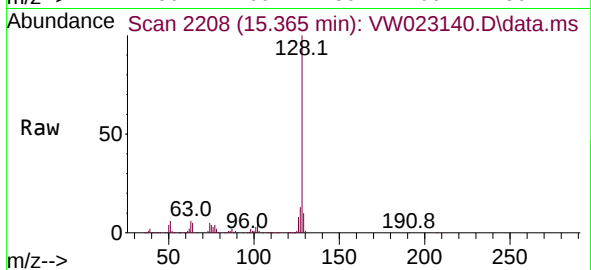
Tgt Ion:128 Resp: 317624

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 25.328 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW023140.D

Acq: 18 May 2022 18:35

Tgt Ion:180 Resp: 117024

Ion Ratio Lower Upper

180 100

182 97.1 73.5 110.3

145 36.6 27.9 41.9

