

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063022\
 Data File : VW023541.D
 Acq On : 30 Jun 2022 12:07
 Operator : SY/VA
 Sample : VSTD00534
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 01 05:31:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 01 05:29:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	345626	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	319667	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	160285	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	21234	4.301	ug/L	0.00
7) Chloroethane-d5	2.879	69	13714	4.036	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	29281	4.787	ug/L	0.00
21) 2-Butanone-d5	7.080	46	12411	9.670	ug/L	0.00
24) Chloroform-d	7.647	84	48246	5.114	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	26663	5.117	ug/L	0.00
32) Benzene-d6	8.275	84	89159	5.159	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	26244	5.136	ug/L	0.00
41) Toluene-d8	10.323	98	80441	4.785	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	11451	5.059	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	9078	9.366	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	25188	5.134	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	29354	5.021	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	4569	3.201	ug/L	95
3) Chloromethane	2.215	50	19010	4.598	ug/L	96
5) Vinyl chloride	2.355	62	23352	4.194	ug/L	92
6) Bromomethane	2.770	94	17535	4.775	ug/L	92
8) Chloroethane	2.916	64	10724	4.119	ug/L	88
9) Trichlorofluoromethane	3.239	101	14570	5.649	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	21183	5.073	ug/L	92
12) 1,1-Dichloroethene	4.031	96	16127	4.633	ug/L	87
14) Carbon disulfide	4.379	76	38723	4.133	ug/L	98
15) Methyl Acetate	4.678	43	8759	4.361	ug/L	91
16) Methylene chloride	4.915	84	28090	5.697	ug/L	86
17) trans-1,2-Dichloroethene	5.415	96	21401	4.882	ug/L	91
18) Methyl tert-butyl Ether	5.428	73	31111	4.840	ug/L	# 92
19) 1,1-Dichloroethane	6.214	63	40635	5.256	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	23837	4.989	ug/L	91
22) 2-Butanone	7.171	43	15990	11.468	ug/L	91
23) Bromochloromethane	7.519	128	12406	5.247	ug/L	87
25) Chloroform	7.677	83	45573	5.281	ug/L	97
27) 1,2-Dichloroethane	8.403	62	29672	5.198	ug/L	99
29) Cyclohexane	7.952	56	27962	4.629	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	37052	5.344	ug/L	99
31) Carbon tetrachloride	8.067	117	33125	5.285	ug/L	99
33) Benzene	8.323	78	92832	5.162	ug/L	100
34) Trichloroethene	9.092	95	24707	5.128	ug/L	94
35) Methylcyclohexane	9.329	83	34459	4.545	ug/L	90
37) 1,2-Dichloropropane	9.366	63	22665	5.210	ug/L	# 95
38) Bromodichloromethane	9.646	83	32901	5.283	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	32786	4.867	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	29165	10.230	ug/L	95
42) Toluene	10.390	91	100198	5.037	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	30525	4.903	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	18878	5.104	ug/L	95

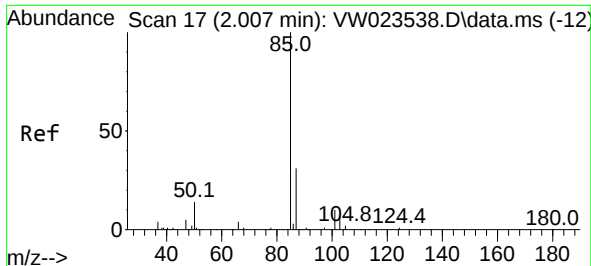
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063022\
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 Quant Title : SFAM01.0
 QLast Update : Fri Jul 01 05:29:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.860	164	19799	5.109	ug/L	96
48) 2-Hexanone	10.969	43	18955	9.680	ug/L	96
49) Dibromochloromethane	11.128	129	21957	4.858	ug/L	94
50) 1,2-Dibromoethane	11.238	107	19270	5.229	ug/L	93
51) Chlorobenzene	11.658	112	70211	5.158	ug/L	98
52) Ethylbenzene	11.731	91	111143	5.009	ug/L	99
53) m,p-Xylene	11.841	106	42714	4.897	ug/L	98
54) o-Xylene	12.164	106	38348	4.654	ug/L	97
55) Styrene	12.182	104	69276	4.811	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	25028	5.261	ug/L	98
59) Bromoform	12.347	173	11518	4.843	ug/L	93
60) Isopropylbenzene	12.463	105	108410	5.127	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	18248	5.652	ug/L	95
62) 1,3,5-Trimethylbenzene	12.945	105	86765	4.939	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	88568	5.024	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	55462	5.457	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	54176	5.256	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	48867	5.306	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	3911	5.297	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	36752	5.416	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	29714	5.427	ug/L	97
71) Naphthalene	15.359	128	54704	4.815	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	25661	5.135	ug/L	99

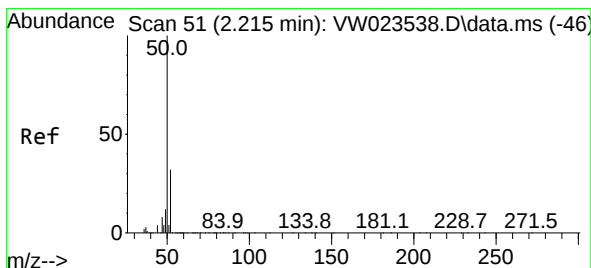
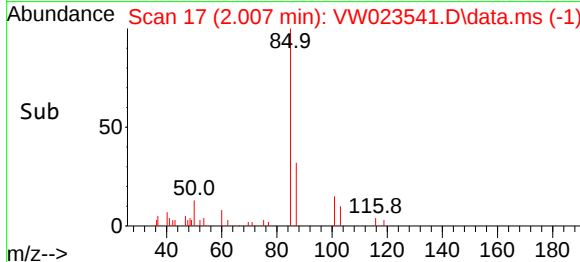
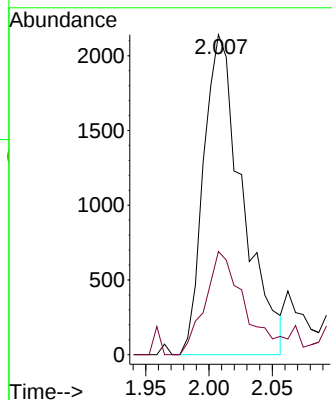
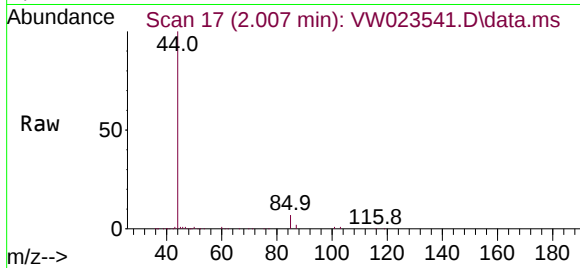
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 3.201 ug/L
RT: 2.007 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

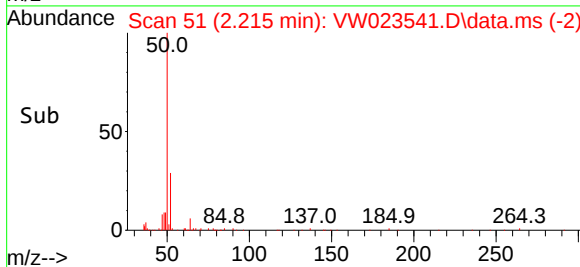
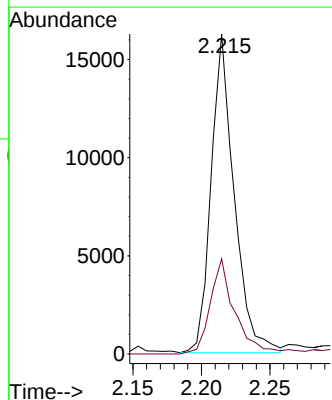
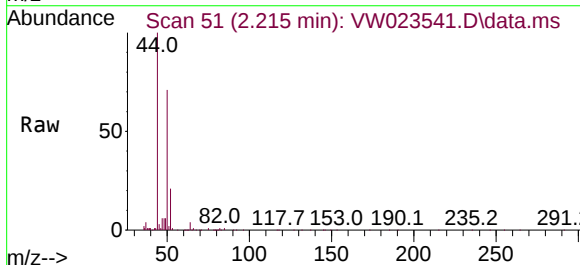
Instrument :
MSVOA_W
ClientSampleId :

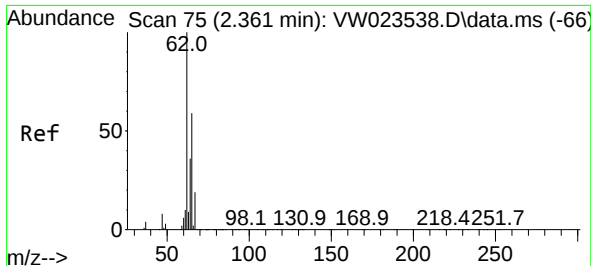
Tgt Ion: 85 Resp: 4569
Ion Ratio Lower Upper
85 100
87 29.5 26.0 39.0



#3
Chloromethane
Concen: 4.598 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

Tgt Ion: 50 Resp: 19010
Ion Ratio Lower Upper
50 100
52 29.8 22.5 41.9

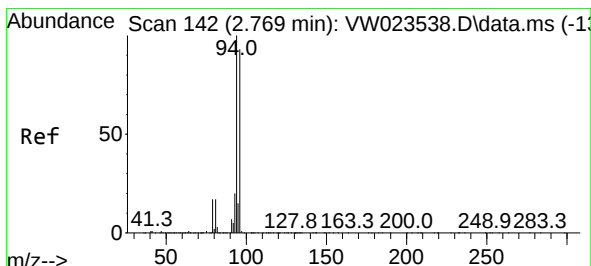
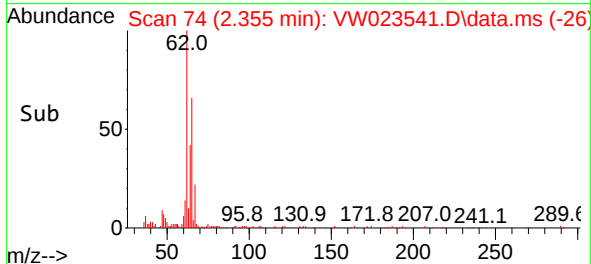
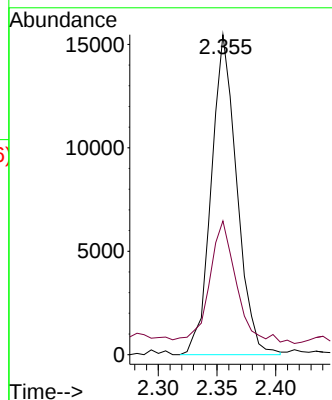
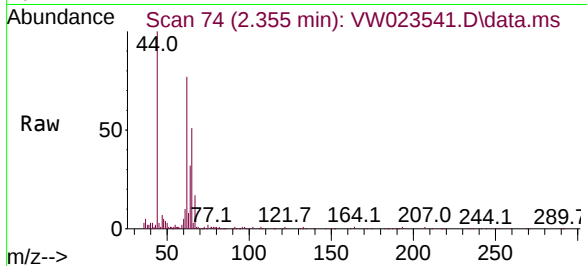




#5
 Vinyl chloride
 Concen: 4.194 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023541.D
 Acq: 30 Jun 2022 12:07

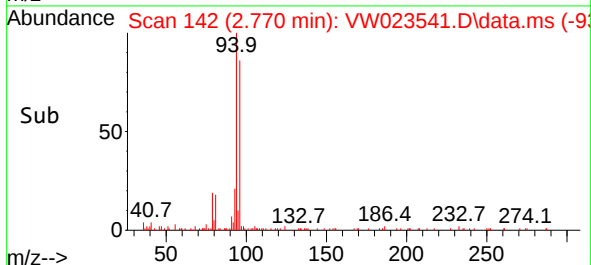
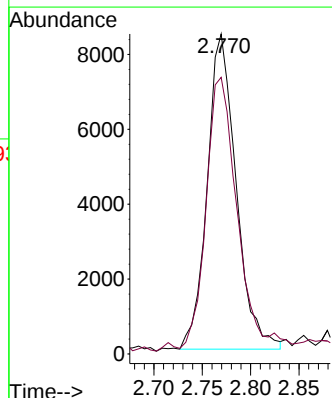
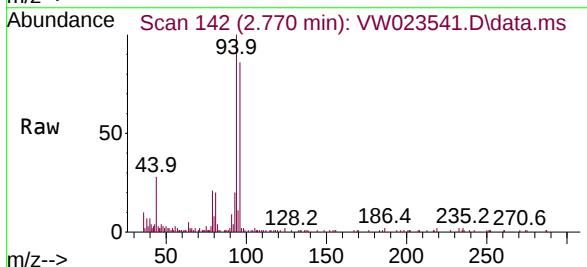
Instrument :
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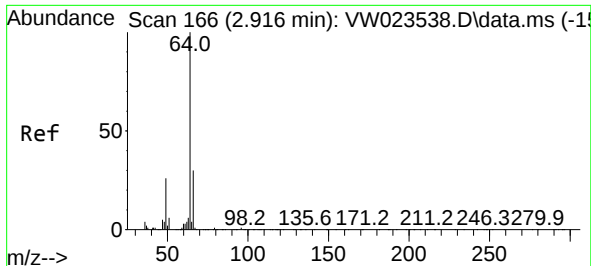
Tgt Ion: 62 Resp: 23352
 Ion Ratio Lower Upper
 62 100
 64 41.8 25.8 47.8



#6
 Bromomethane
 Concen: 4.775 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW023541.D
 Acq: 30 Jun 2022 12:07

Tgt Ion: 94 Resp: 17535
 Ion Ratio Lower Upper
 94 100
 96 86.5 65.6 121.8

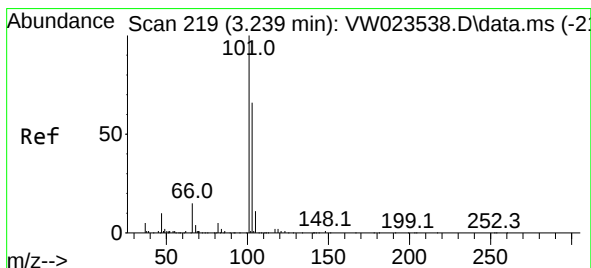
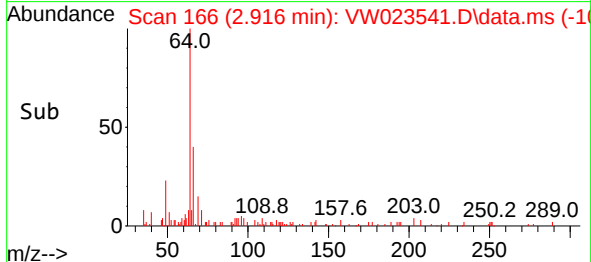
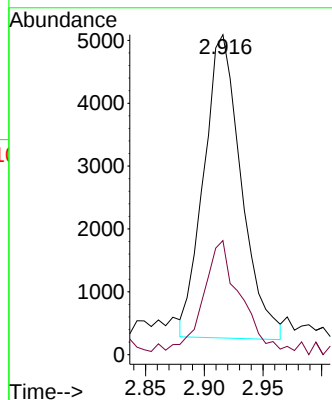
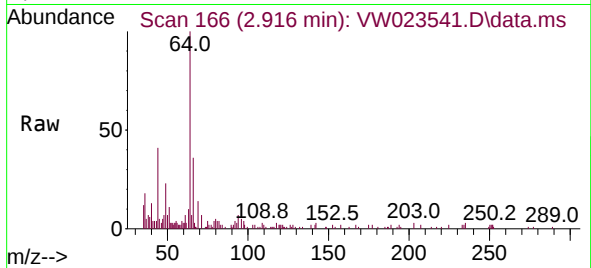




#8
Chloroethane
Concen: 4.119 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

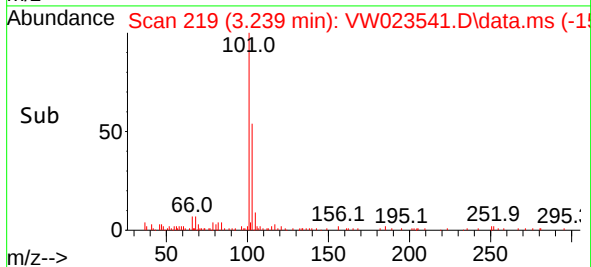
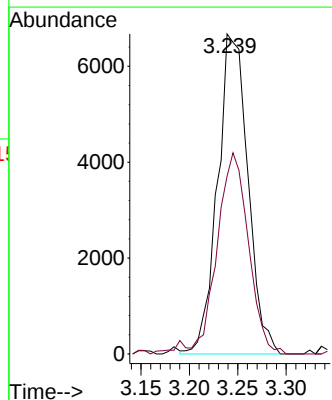
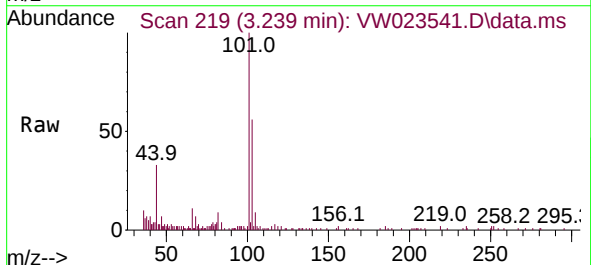
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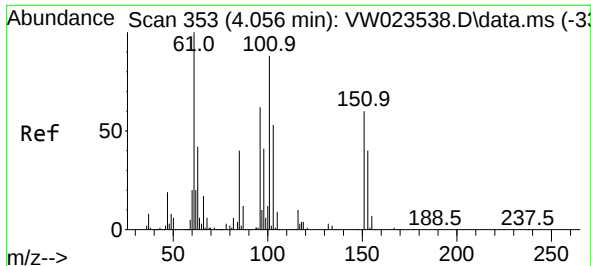
Tgt Ion: 64 Resp: 10724
Ion Ratio Lower Upper
64 100
66 35.6 20.6 38.2



#9
Trichlorofluoromethane
Concen: 5.649 ug/L
RT: 3.239 min Scan# 219
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

Tgt Ion: 101 Resp: 14570
Ion Ratio Lower Upper
101 100
103 64.1 53.2 79.8

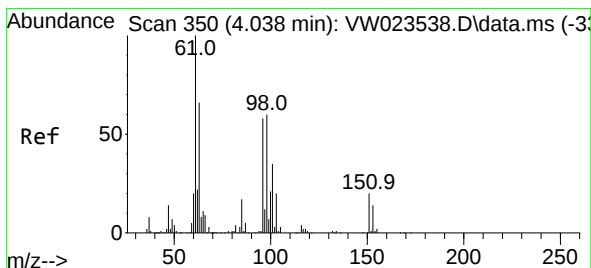
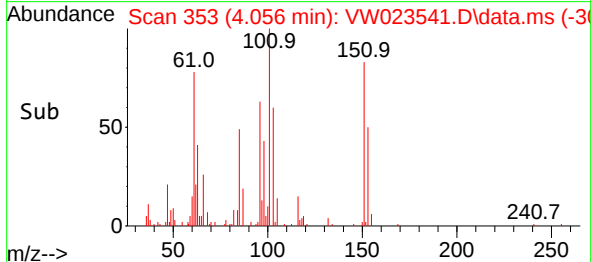
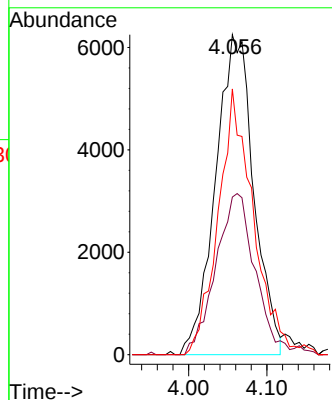
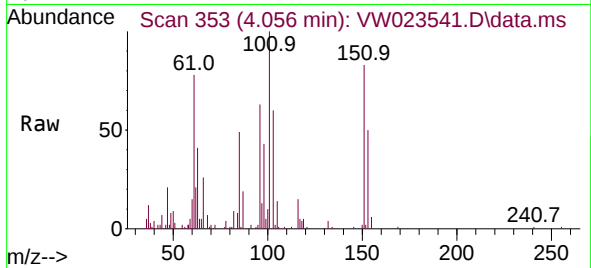




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.073 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW023541.D
 Acq: 30 Jun 2022 12:07

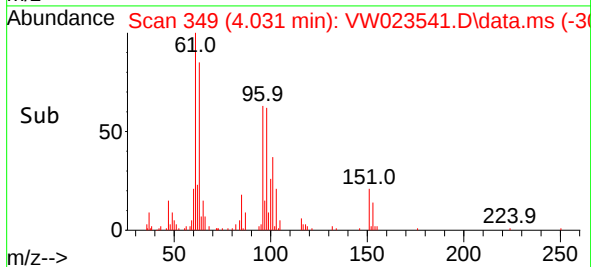
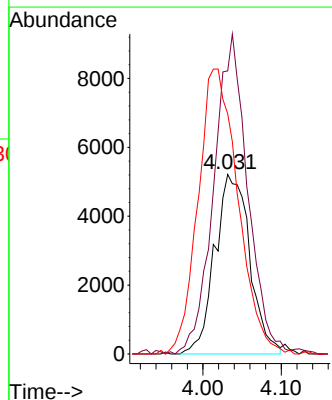
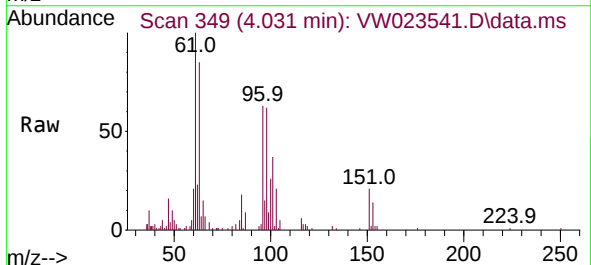
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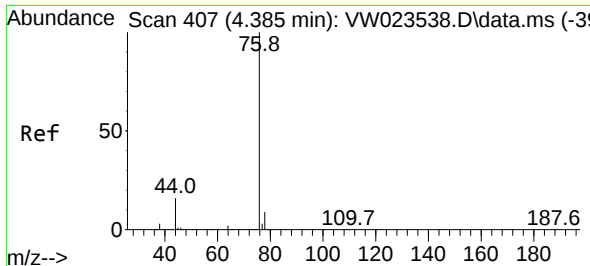
Tgt Ion:101 Resp: 21183
 Ion Ratio Lower Upper
 101 100
 85 50.5 37.0 55.4
 151 75.3 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 4.633 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW023541.D
 Acq: 30 Jun 2022 12:07

Tgt Ion: 96 Resp: 16127
 Ion Ratio Lower Upper
 96 100
 61 157.6 122.0 226.6
 63 133.7 83.0 154.2

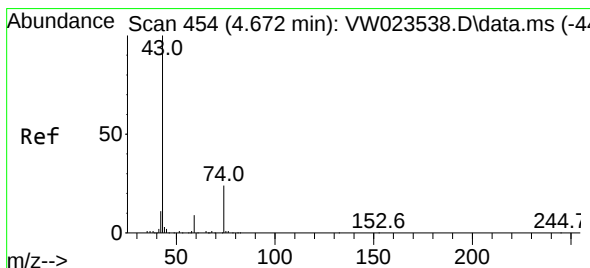
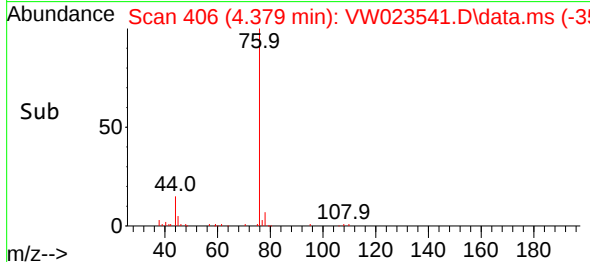
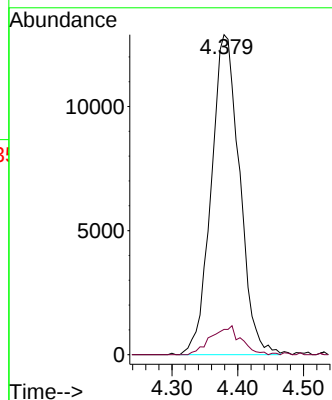
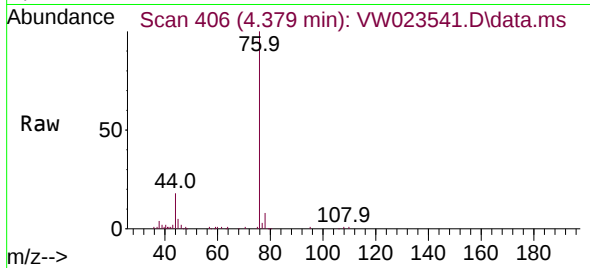




#14
Carbon disulfide
Concen: 4.133 ug/L
RT: 4.379 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

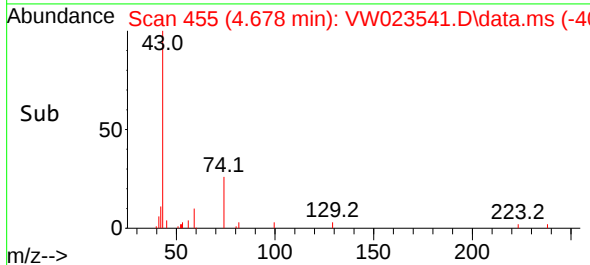
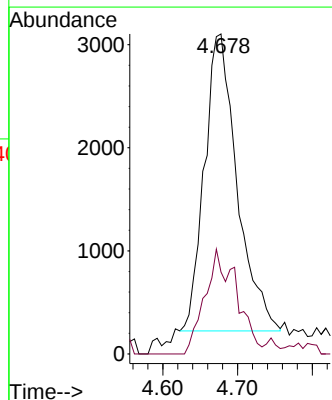
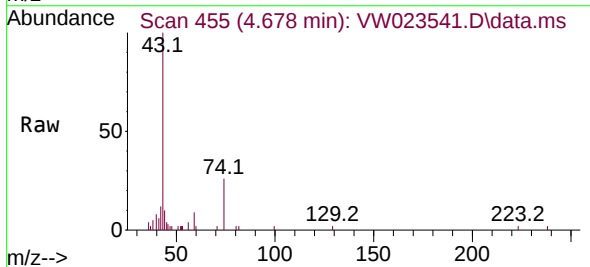
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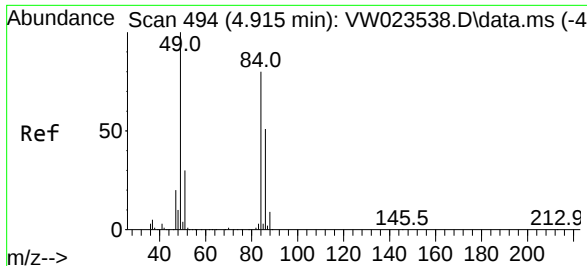
Tgt Ion: 76 Resp: 38723
Ion Ratio Lower Upper
76 100
78 7.9 6.8 10.2



#15
Methyl Acetate
Concen: 4.361 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

Tgt Ion: 43 Resp: 8759
Ion Ratio Lower Upper
43 100
74 21.1 20.4 30.6

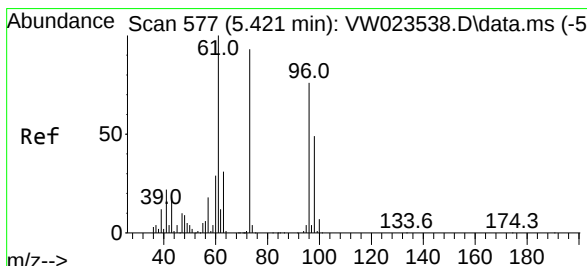
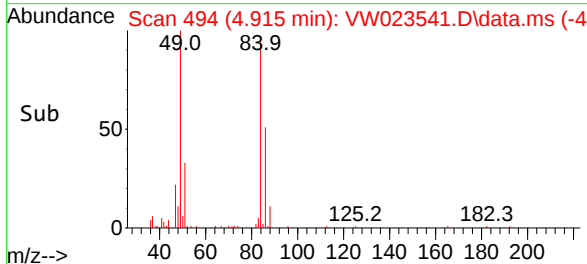
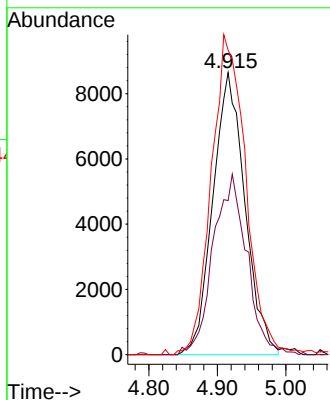
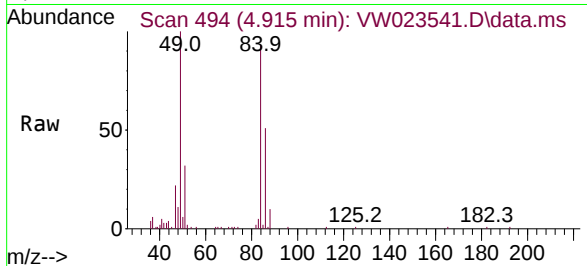




#16
Methylene chloride
Concen: 5.697 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

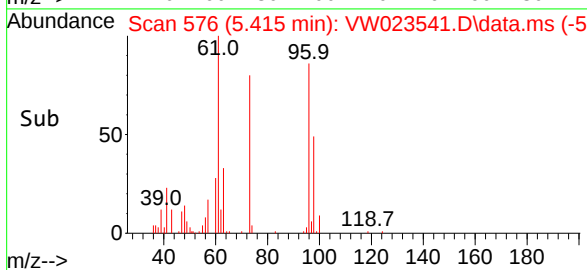
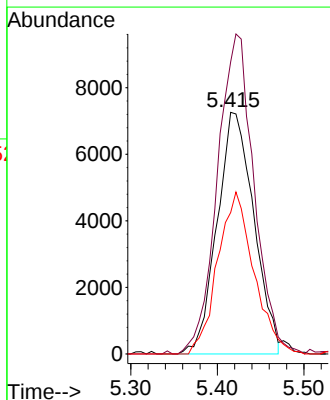
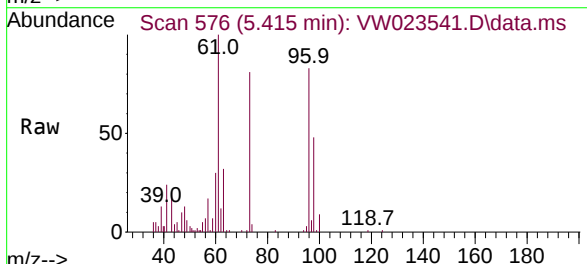
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ClientSampleId :

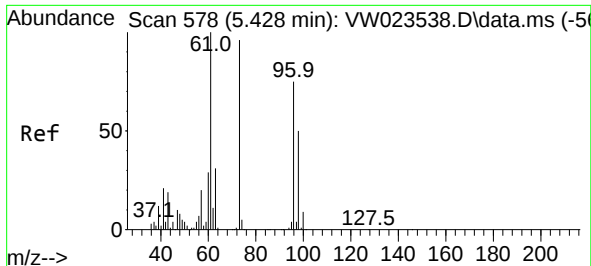
Tgt Ion: 84 Resp: 28090
Ion Ratio Lower Upper
84 100
86 54.6 44.9 83.3
49 107.9 87.6 162.6



#17
trans-1,2-Dichloroethene
Concen: 4.882 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

Tgt Ion: 96 Resp: 21401
Ion Ratio Lower Upper
96 100
61 120.9 92.3 171.5
98 58.5 45.5 84.5

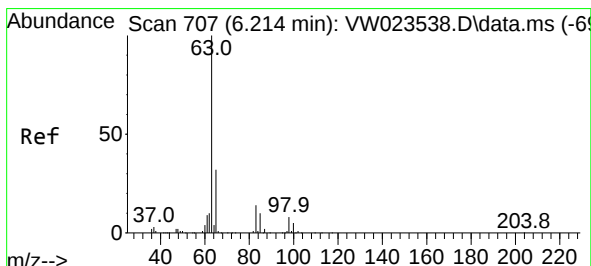
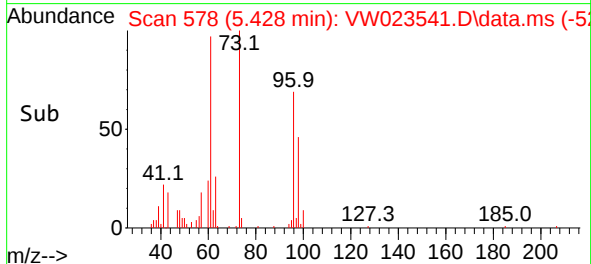
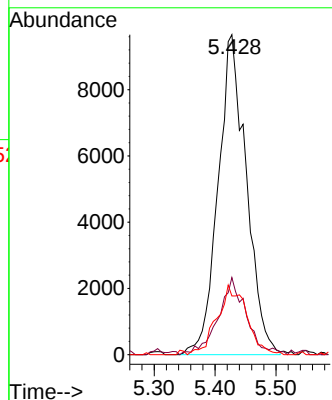
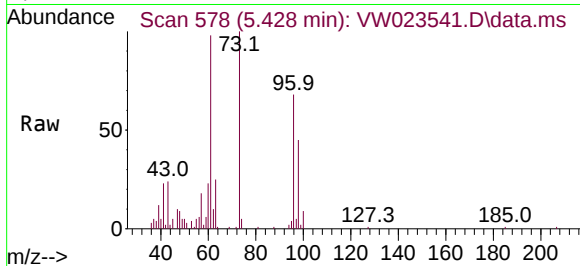




#18
Methyl tert-butyl Ether
Concen: 4.840 ug/L
RT: 5.428 min Scan# 511
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

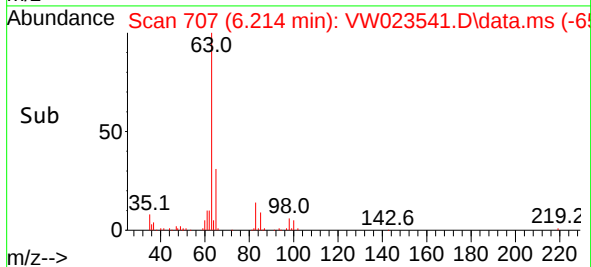
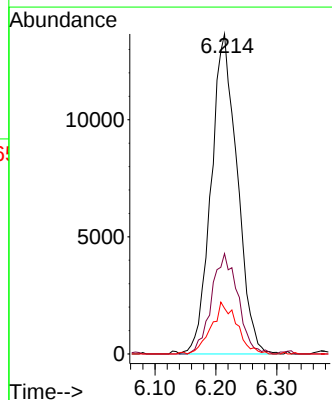
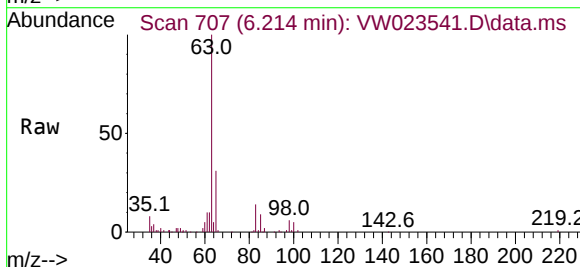
Instrument :
MSVOA_W
ClientSampleId :

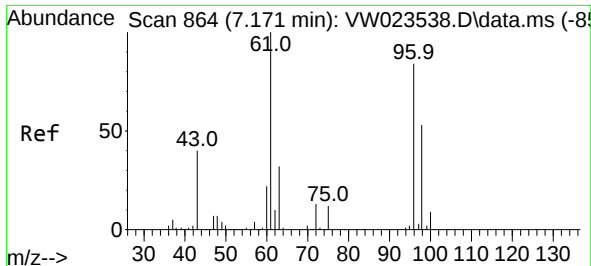
Tgt Ion: 73 Resp: 31111
Ion Ratio Lower Upper
73 100
43 21.2 16.2 24.2
57 14.3 16.9 25.3#



#19
1,1-Dichloroethane
Concen: 5.256 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

Tgt Ion: 63 Resp: 40635
Ion Ratio Lower Upper
63 100
65 31.3 22.3 41.3
83 14.2 9.8 18.2

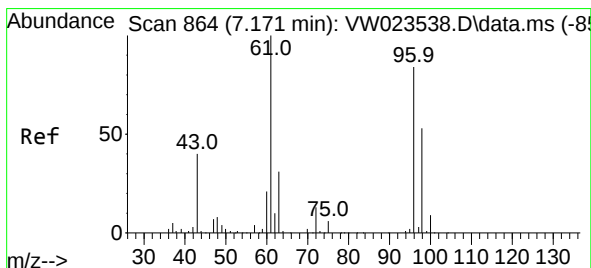
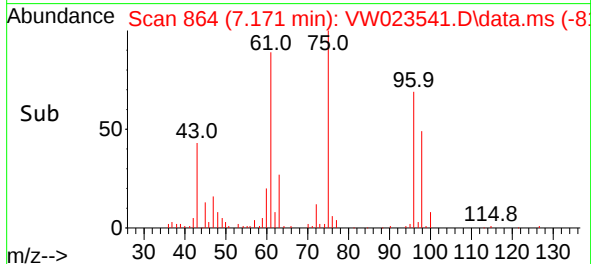
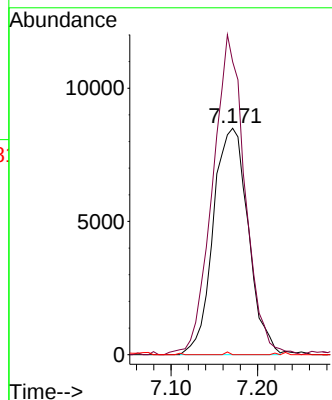
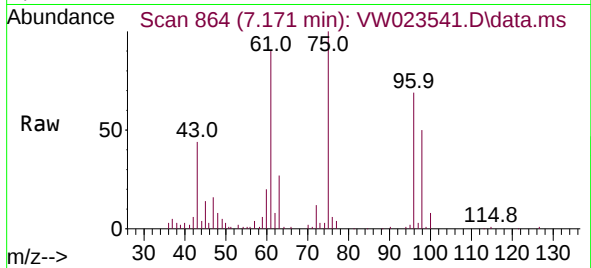




#20
 cis-1,2-Dichloroethene
 Concen: 4.989 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW023541.D
 Acq: 30 Jun 2022 12:07

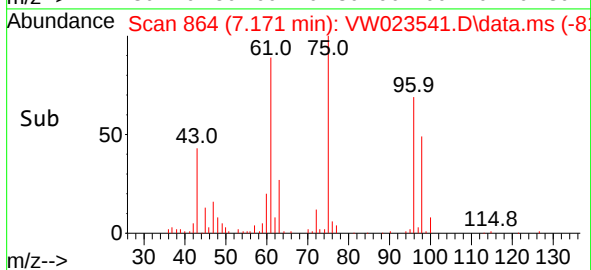
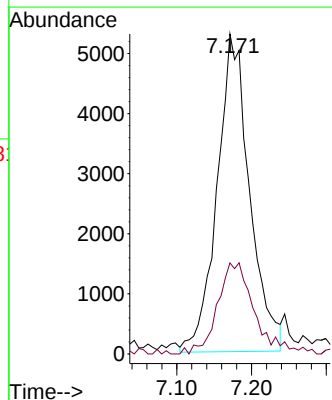
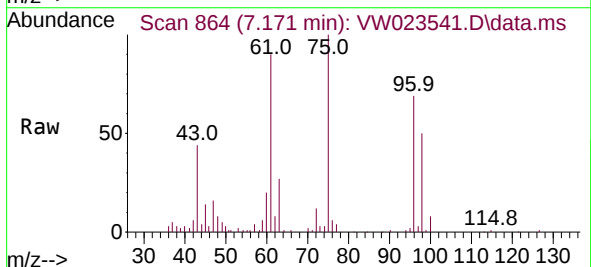
Instrument :
 MSVOA_W
 ClientSampleId :

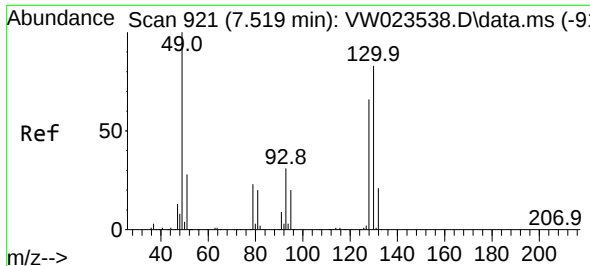
Tgt Ion: 96 Resp: 23837
 Ion Ratio Lower Upper
 96 100
 61 129.4 83.2 154.6
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 11.468 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW023541.D
 Acq: 30 Jun 2022 12:07

Tgt Ion: 43 Resp: 15990
 Ion Ratio Lower Upper
 43 100
 72 25.5 15.4 46.1

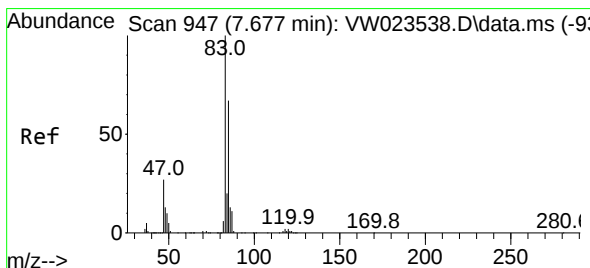
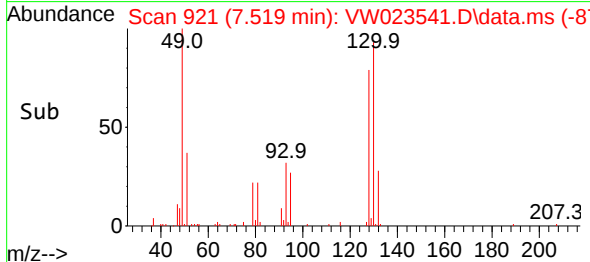
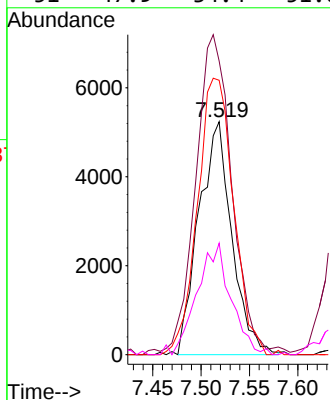
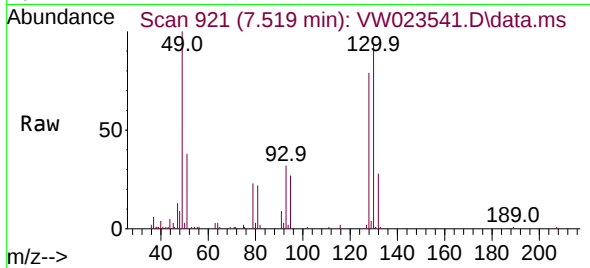




#23
Bromochloromethane
Concen: 5.247 ug/L
RT: 7.519 min Scan# 912
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

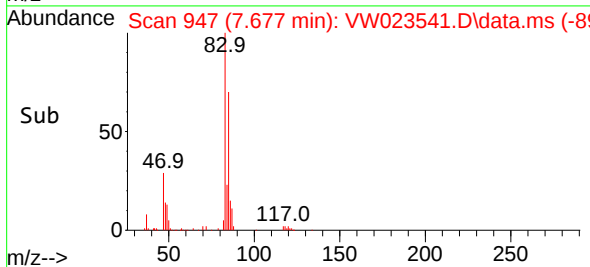
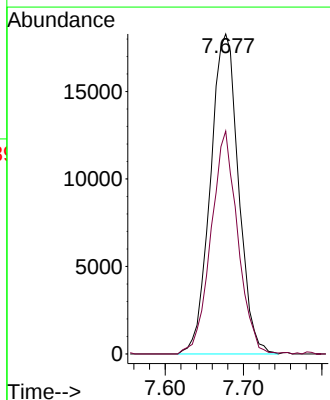
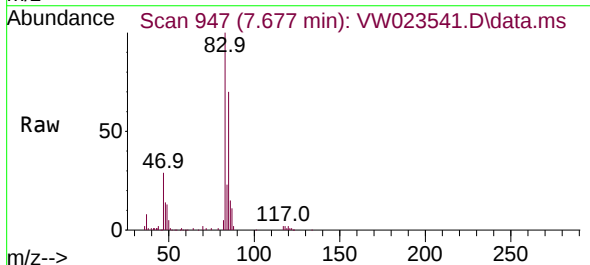
Instrument :
MSVOA_W
ClientSampleId :

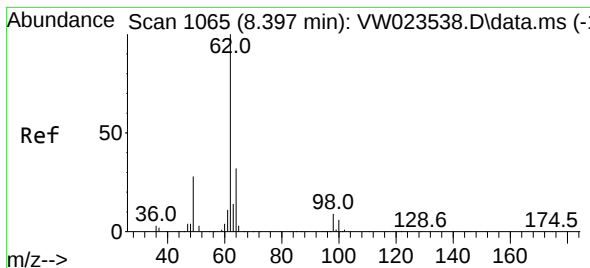
Tgt Ion:128 Resp: 12406
Ion Ratio Lower Upper
128 100
49 126.0 105.8 196.6
130 117.8 87.6 162.8
51 47.9 34.4 51.6



#25
Chloroform
Concen: 5.281 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

Tgt Ion: 83 Resp: 45573
Ion Ratio Lower Upper
83 100
85 69.7 47.0 87.4





#27

1,2-Dichloroethane

Concen: 5.198 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW023541.D

Acq: 30 Jun 2022 12:07

Instrument :

MSVOA_W

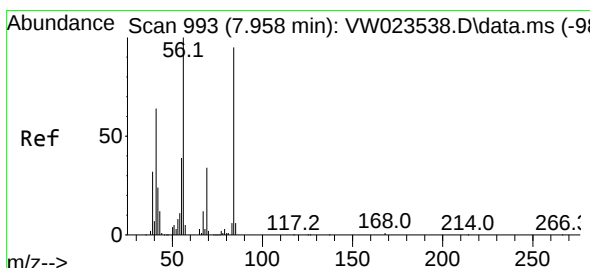
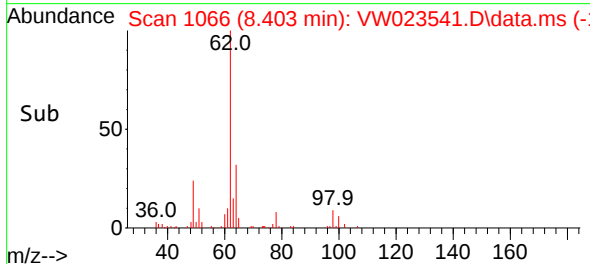
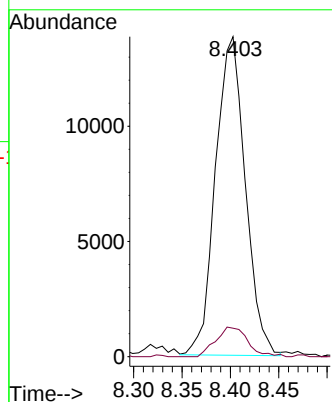
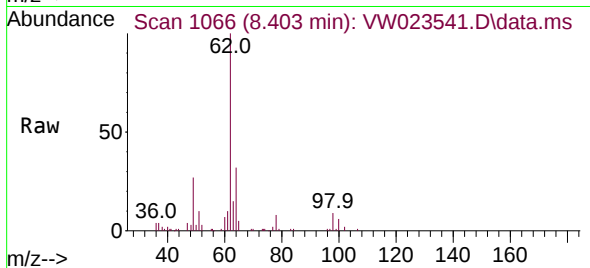
ClientSampleId :

Tgt Ion: 62 Resp: 29672

Ion Ratio Lower Upper

62 100

98 8.9 7.4 11.0



#29

Cyclohexane

Concen: 4.629 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW023541.D

Acq: 30 Jun 2022 12:07

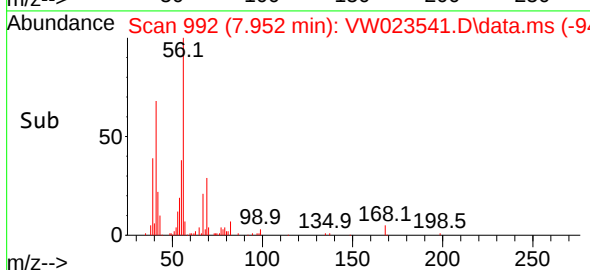
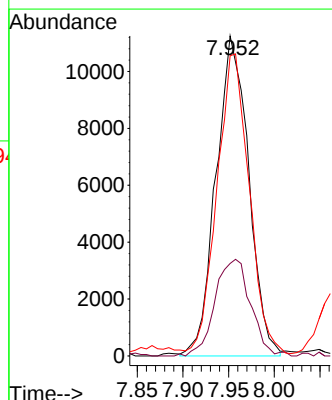
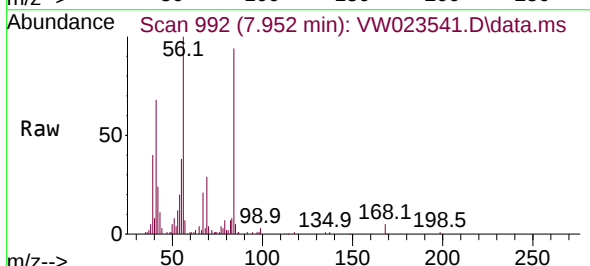
Tgt Ion: 56 Resp: 27962

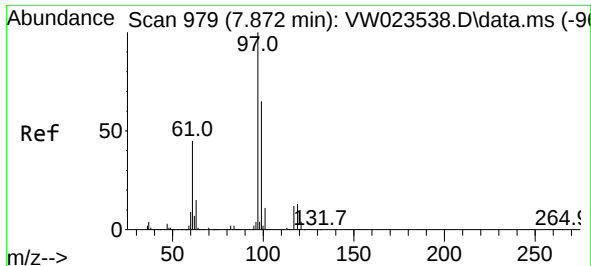
Ion Ratio Lower Upper

56 100

69 32.4 25.6 38.4

84 94.2 77.0 115.6





#30

1,1,1-Trichloroethane

Concen: 5.344 ug/L

RT: 7.872 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW023541.D

Acq: 30 Jun 2022 12:07

Instrument :

MSVOA_W

ClientSampleId :

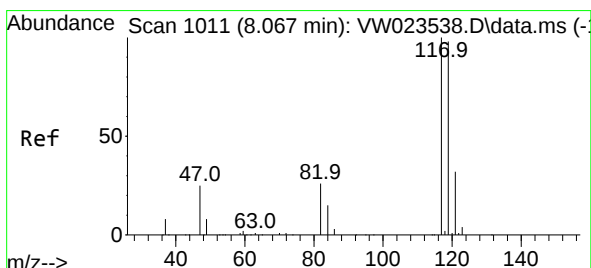
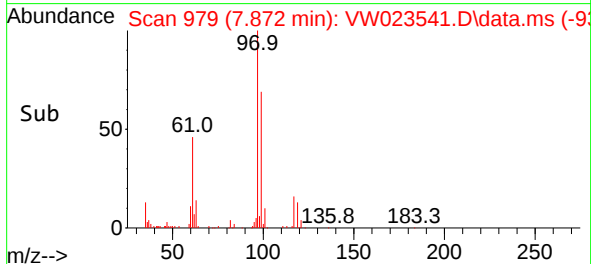
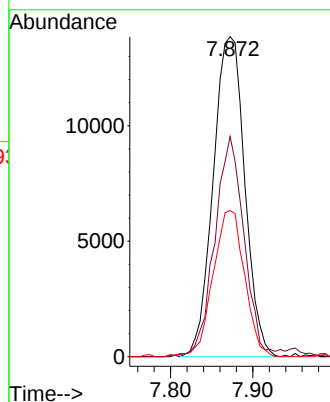
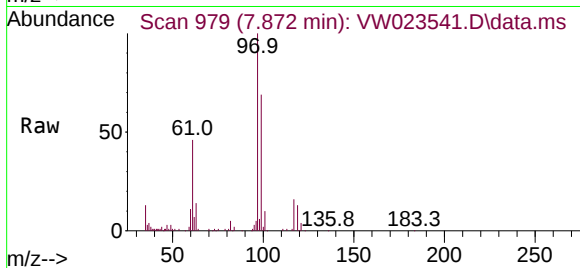
Tgt Ion: 97 Resp: 37052

Ion Ratio Lower Upper

97 100

99 63.9 50.8 76.2

61 45.2 35.8 53.8



#31

Carbon tetrachloride

Concen: 5.285 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW023541.D

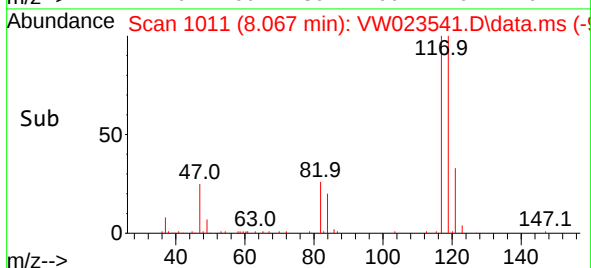
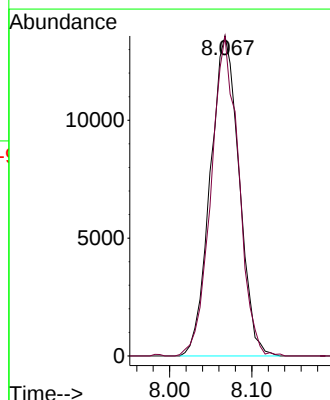
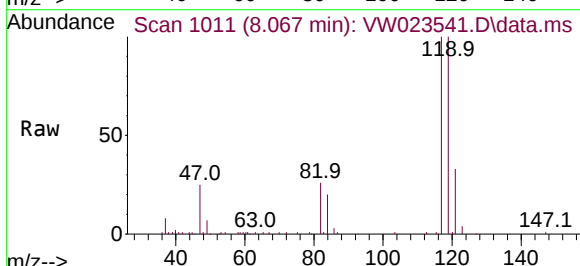
Acq: 30 Jun 2022 12:07

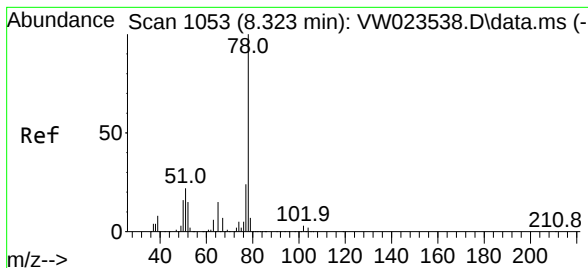
Tgt Ion: 117 Resp: 33125

Ion Ratio Lower Upper

117 100

119 95.3 76.7 115.1





#33

Benzene

Concen: 5.162 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW023541.D

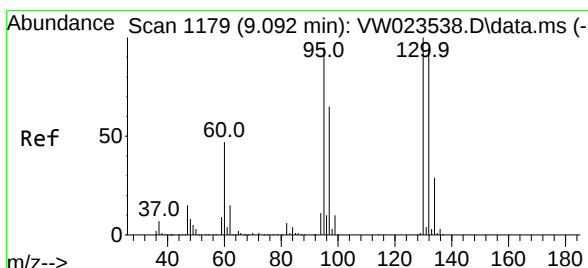
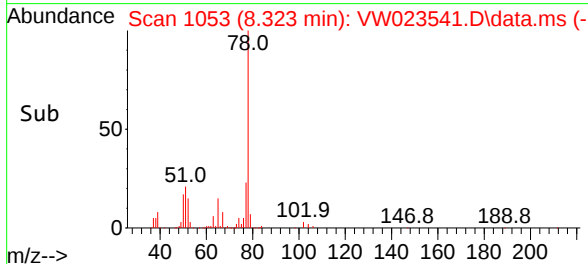
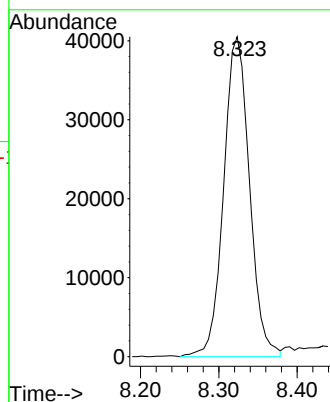
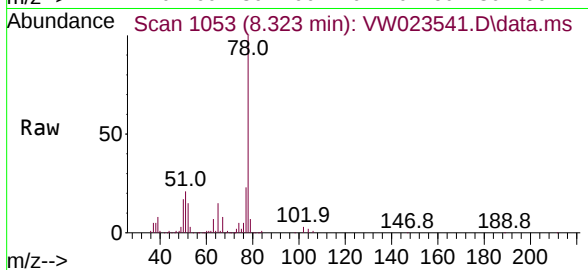
Acq: 30 Jun 2022 12:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 92832



#34

Trichloroethene

Concen: 5.128 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023541.D

Acq: 30 Jun 2022 12:07

Tgt Ion: 95 Resp: 24707

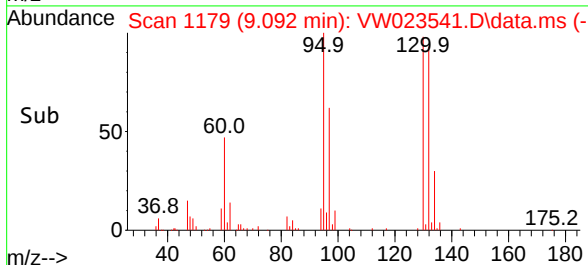
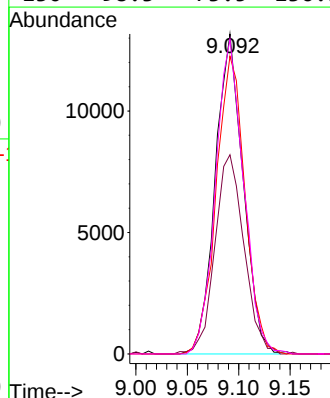
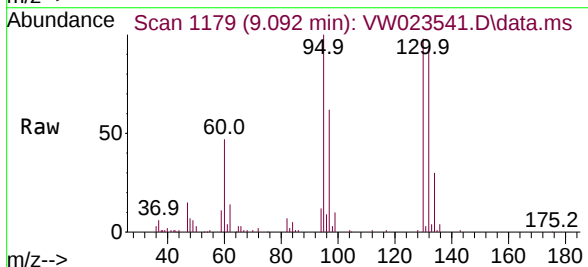
Ion Ratio Lower Upper

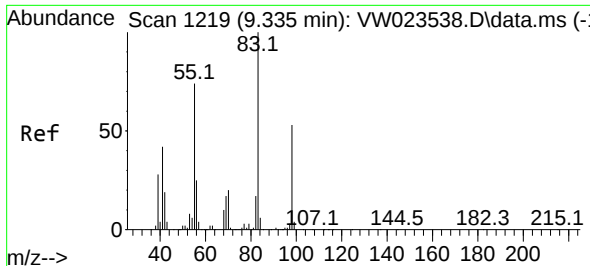
95 100

97 62.3 47.5 88.1

132 93.1 68.9 127.9

130 98.3 73.5 136.5

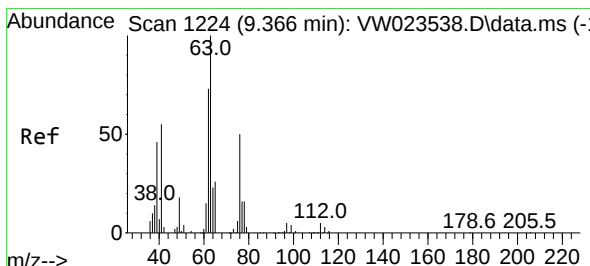
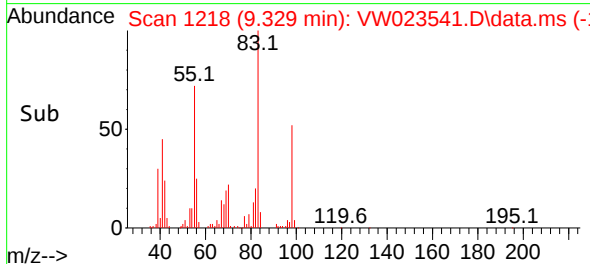
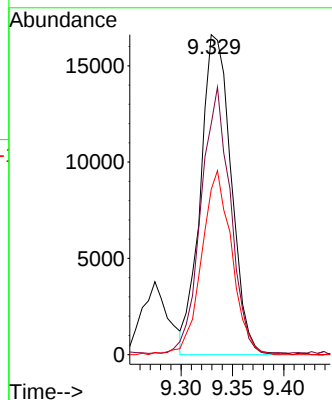
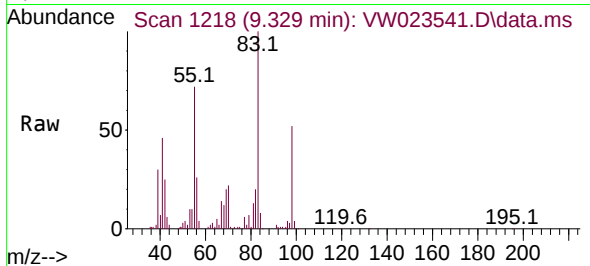




#35
Methylcyclohexane
Concen: 4.545 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

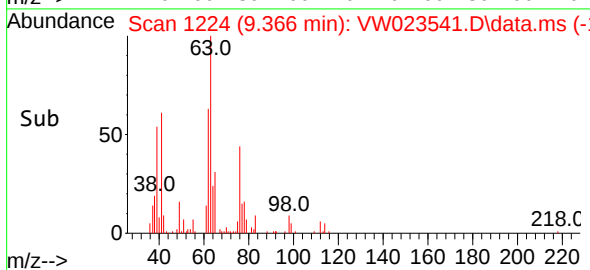
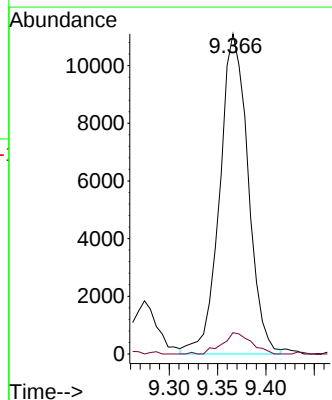
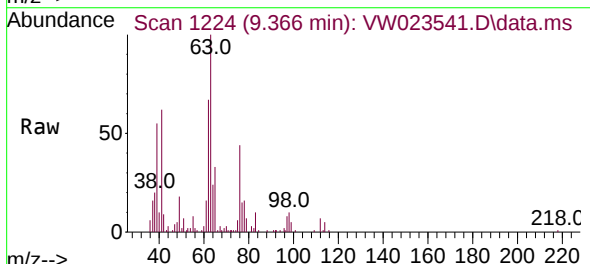
Instrument :
MSVOA_W
ClientSampleId :

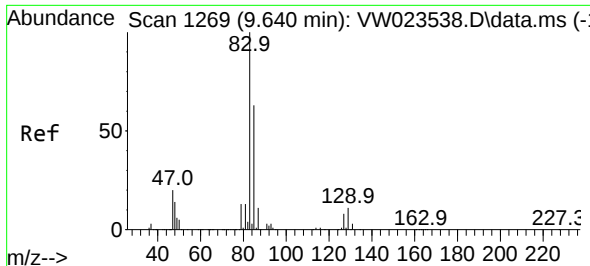
Tgt Ion: 83 Resp: 34459
Ion Ratio Lower Upper
83 100
55 80.4 57.0 85.6
98 56.7 40.2 60.4



#37
1,2-Dichloropropane
Concen: 5.210 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

Tgt Ion: 63 Resp: 22665
Ion Ratio Lower Upper
63 100
112 6.6 4.1 6.1#

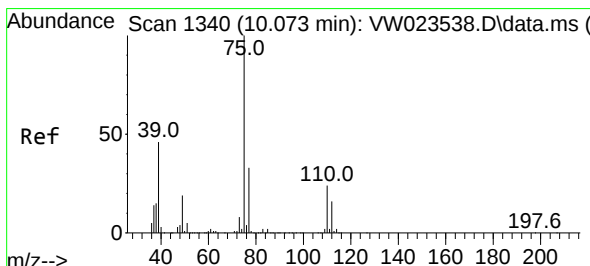
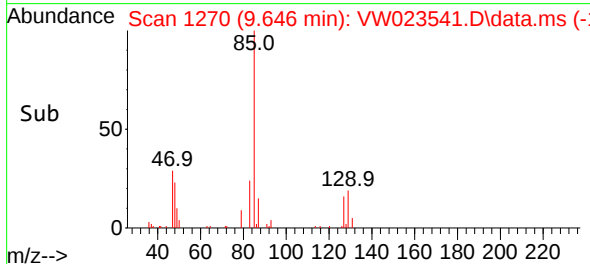
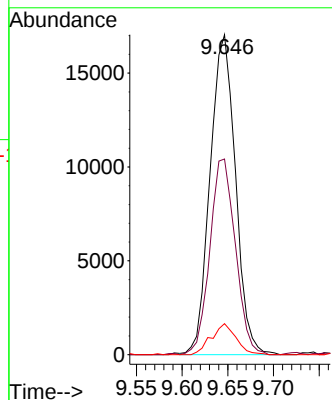
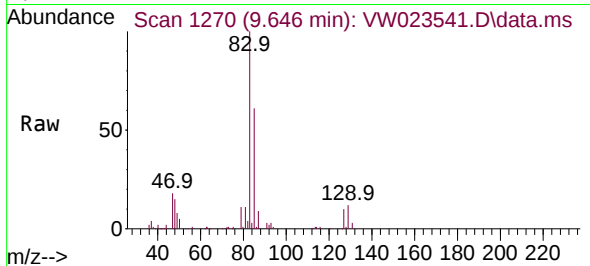




#38
Bromodichloromethane
Concen: 5.283 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

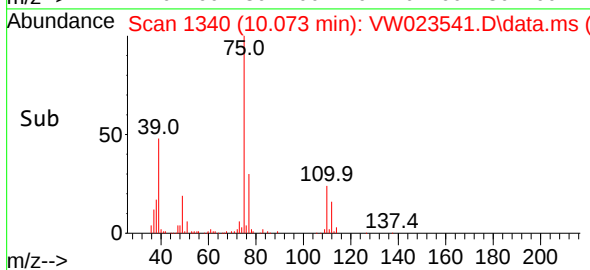
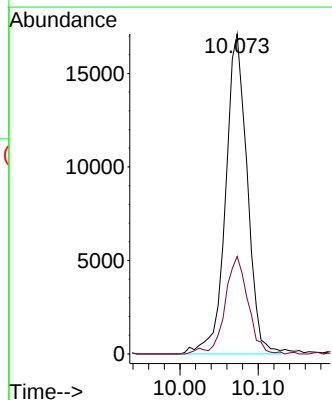
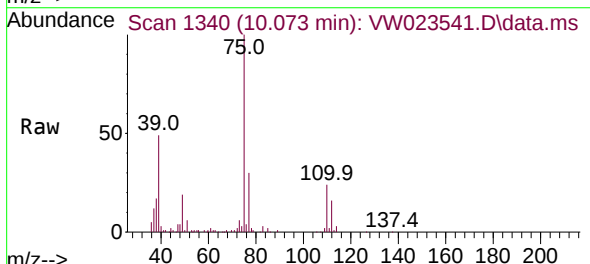
Instrument :
MSVOA_W
ClientSampleId :

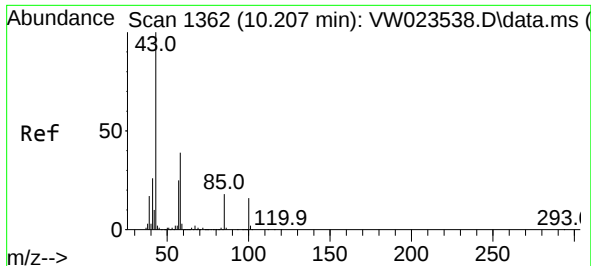
Tgt Ion: 83 Resp: 32901
Ion Ratio Lower Upper
83 100
85 61.2 44.2 82.0
127 9.7 6.6 10.0



#39
cis-1,3-Dichloropropene
Concen: 4.867 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

Tgt Ion: 75 Resp: 32786
Ion Ratio Lower Upper
75 100
77 30.4 23.0 42.6





#40

4-Methyl-2-pentanone

Concen: 10.230 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

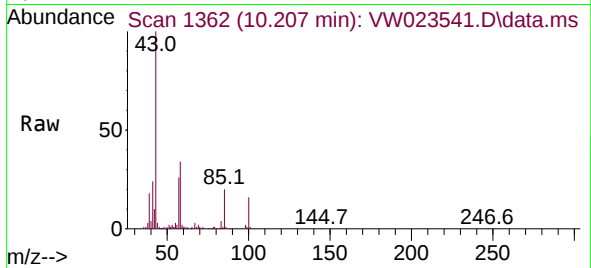
Lab File: VW023541.D

Acq: 30 Jun 2022 12:07

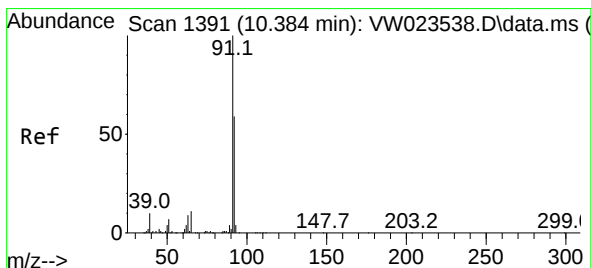
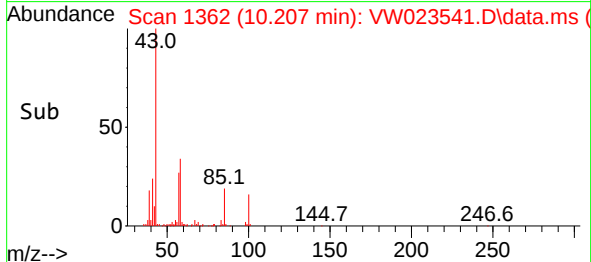
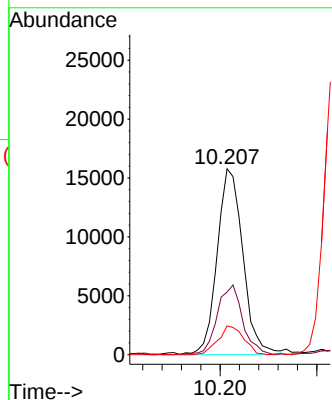
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	43	Resp:	29165
Ion Ratio	Lower	Upper	
43	100		
58	37.0	31.8	47.8
100	15.3	14.0	21.0



#42

Toluene

Concen: 5.037 ug/L

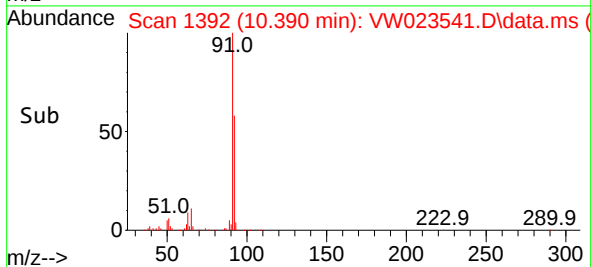
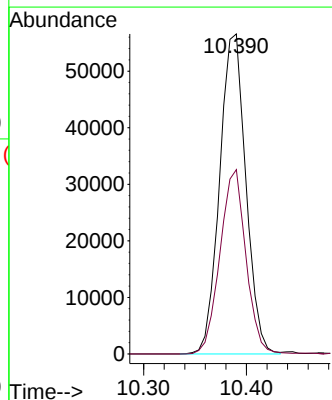
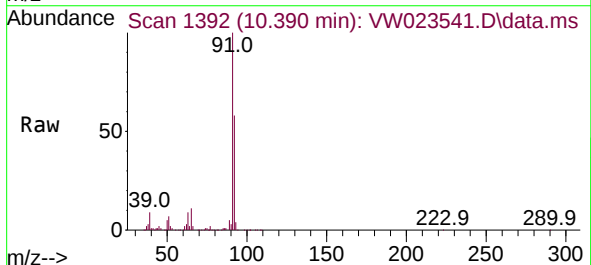
RT: 10.390 min Scan# 1392

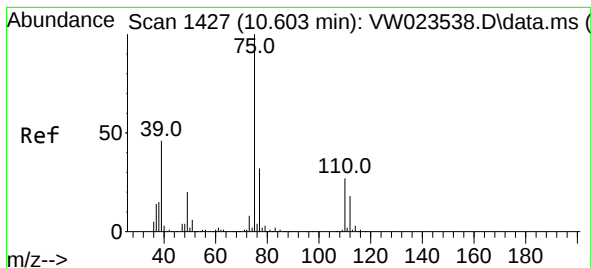
Delta R.T. 0.006 min

Lab File: VW023541.D

Acq: 30 Jun 2022 12:07

Tgt Ion:	91	Resp:	100198
Ion Ratio	Lower	Upper	
91	100		
92	57.6	41.2	76.4





#44

trans-1,3-Dichloropropene

Concen: 4.903 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW023541.D

Acq: 30 Jun 2022 12:07

Instrument :

MSVOA_W

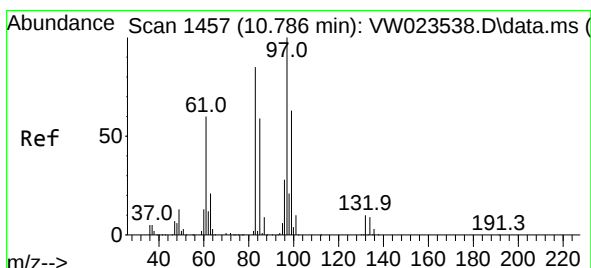
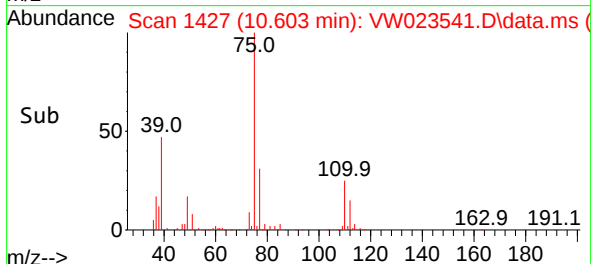
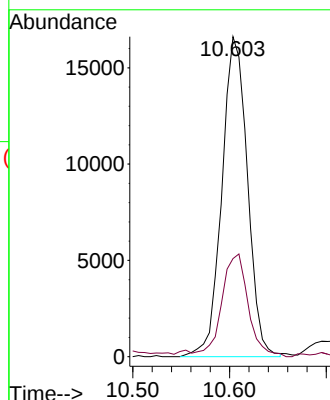
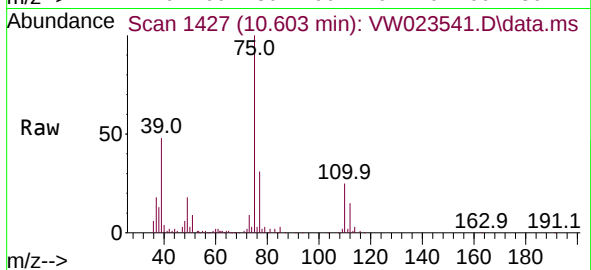
ClientSampleId :

Tgt Ion: 75 Resp: 30525

Ion Ratio Lower Upper

75 100

77 30.6 22.9 42.5



#45

1,1,2-Trichloroethane

Concen: 5.104 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW023541.D

Acq: 30 Jun 2022 12:07

Tgt Ion: 97 Resp: 18878

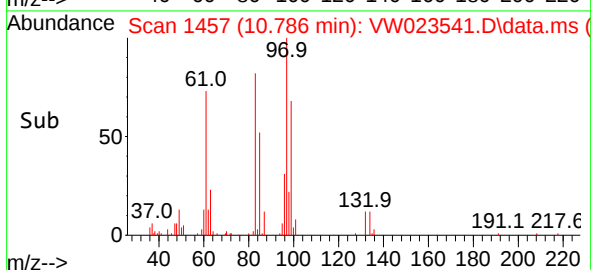
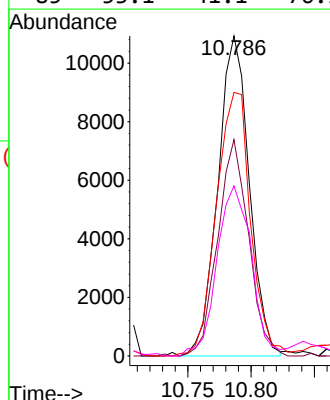
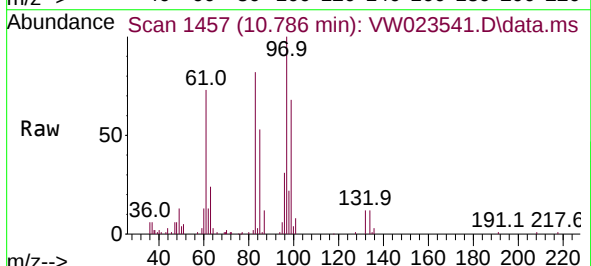
Ion Ratio Lower Upper

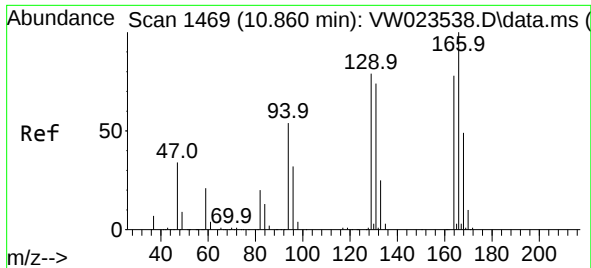
97 100

99 67.6 43.9 81.5

83 82.3 59.8 111.0

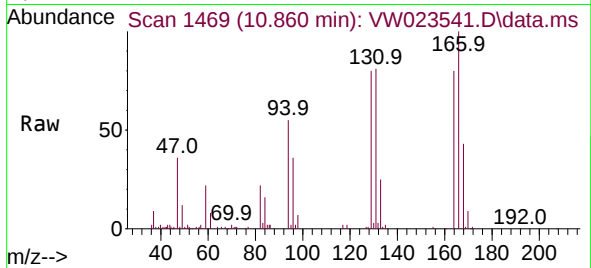
85 53.1 41.1 76.3



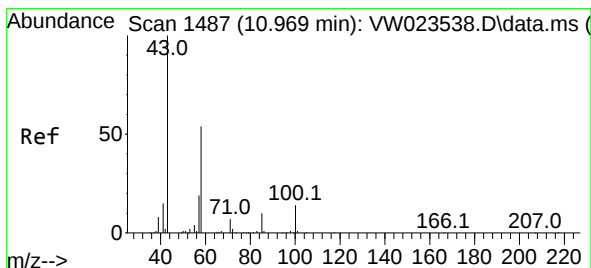
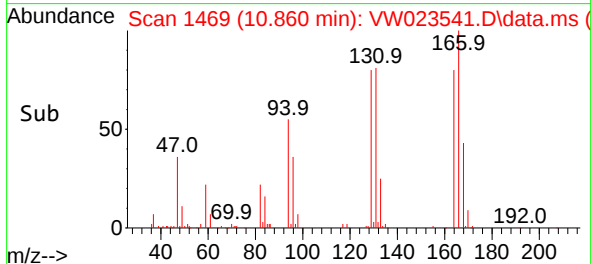
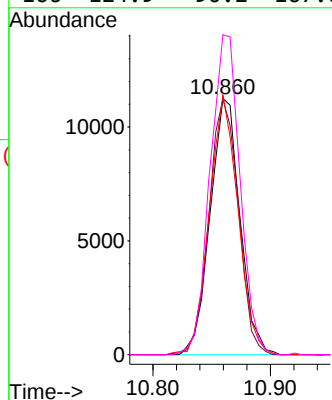


#46
Tetrachloroethene
Concen: 5.109 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

Instrument :
MSVOA_W
ClientSampleId :

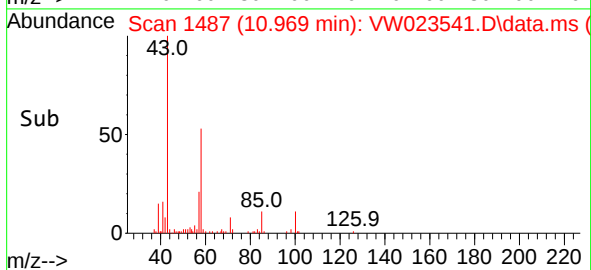
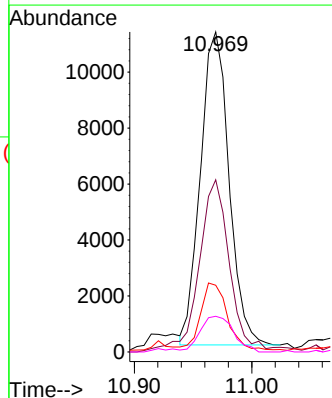
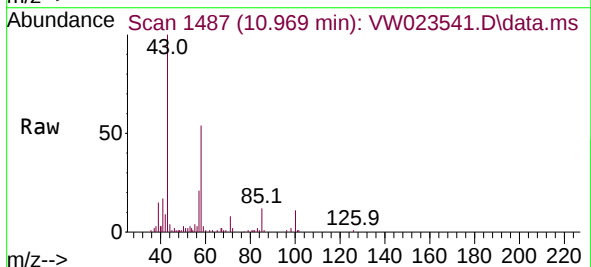


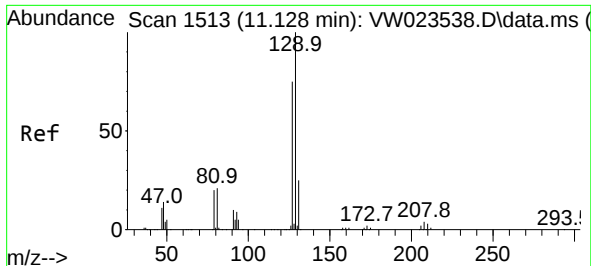
Tgt Ion:	164	Resp:	19799
Ion Ratio	Lower	Upper	
164	100		
129	99.8	71.3	132.3
131	101.2	67.0	124.4
166	124.9	90.2	167.6



#48
2-Hexanone
Concen: 9.680 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

Tgt Ion:	43	Resp:	18955
Ion Ratio	Lower	Upper	
43	100		
58	58.2	43.7	65.5
57	21.5	15.7	23.5
100	13.3	11.0	16.4





#49

Dibromochloromethane

Concen: 4.858 ug/L

RT: 11.128 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023541.D

Acq: 30 Jun 2022 12:07

Instrument :

MSVOA_W

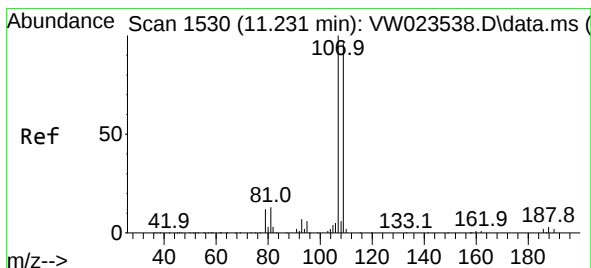
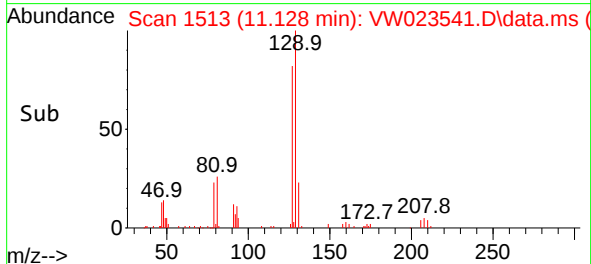
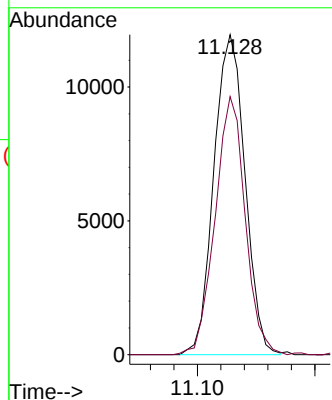
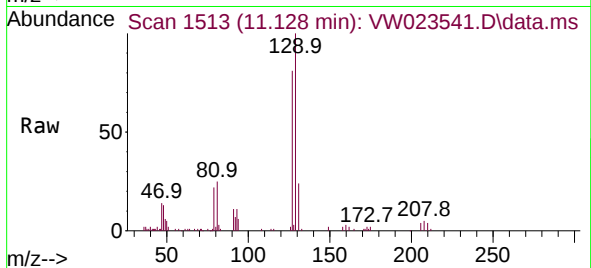
ClientSampleId :

Tgt Ion:129 Resp: 21957

Ion Ratio Lower Upper

129 100

127 80.6 52.7 97.9



#50

1,2-Dibromoethane

Concen: 5.229 ug/L

RT: 11.238 min Scan# 1531

Delta R.T. 0.006 min

Lab File: VW023541.D

Acq: 30 Jun 2022 12:07

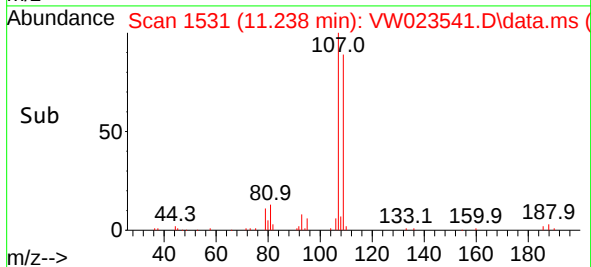
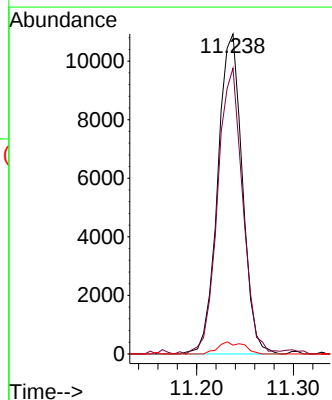
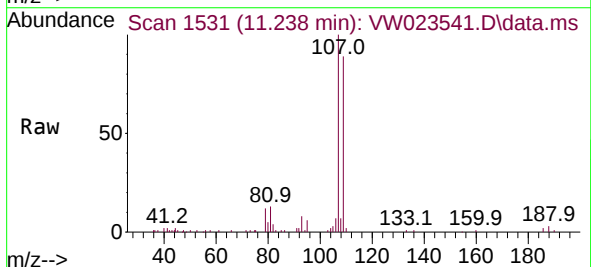
Tgt Ion:107 Resp: 19270

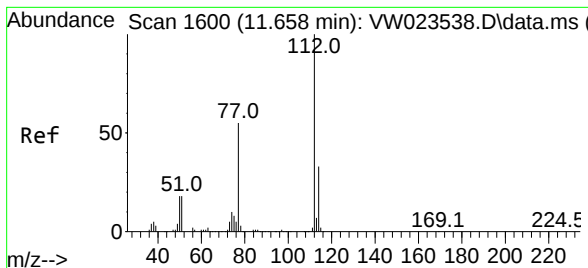
Ion Ratio Lower Upper

107 100

109 89.3 67.2 124.8

188 2.7 2.7 4.1

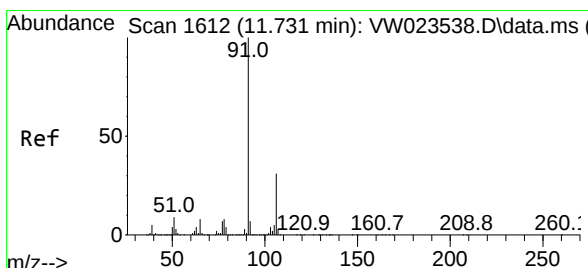
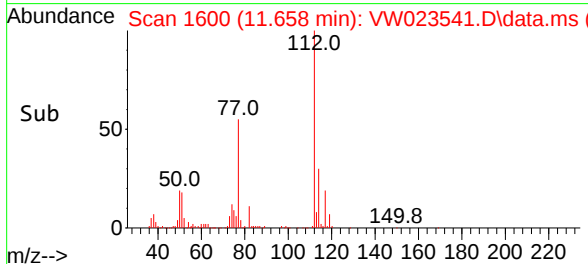
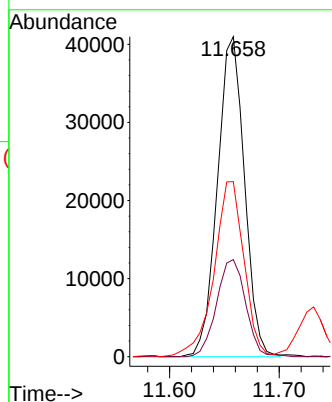
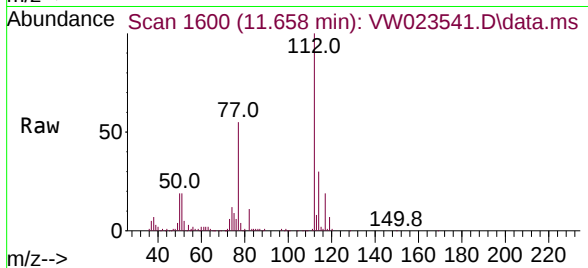




#51
Chlorobenzene
Concen: 5.158 ug/L
RT: 11.658 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

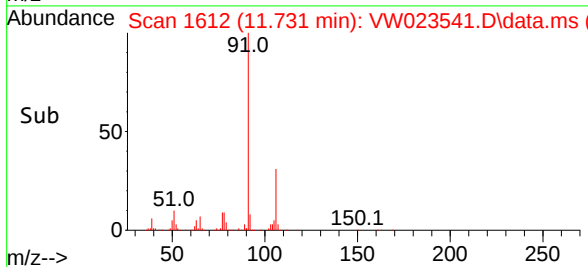
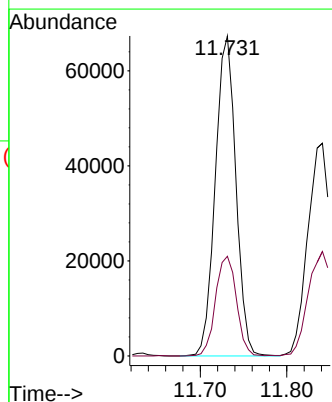
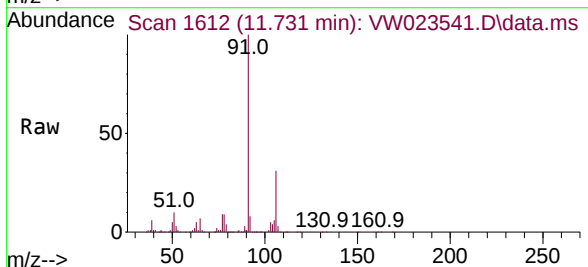
Instrument :
MSVOA_W
ClientSampleId :

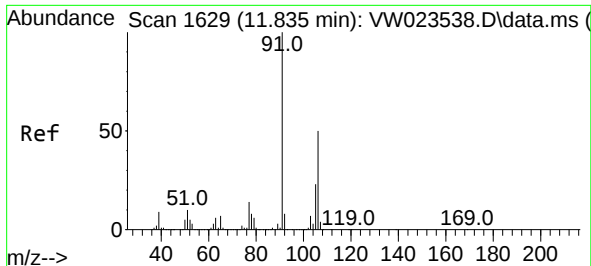
Tgt Ion:112 Resp: 70211
Ion Ratio Lower Upper
112 100
114 30.3 23.1 42.9
77 54.7 44.2 66.4



#52
Ethylbenzene
Concen: 5.009 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

Tgt Ion: 91 Resp: 111143
Ion Ratio Lower Upper
91 100
106 31.2 21.4 39.8

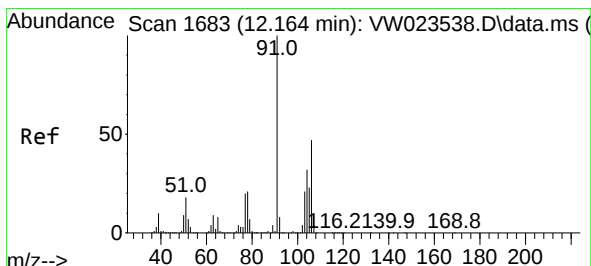
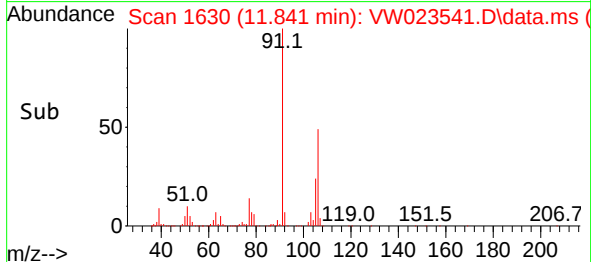
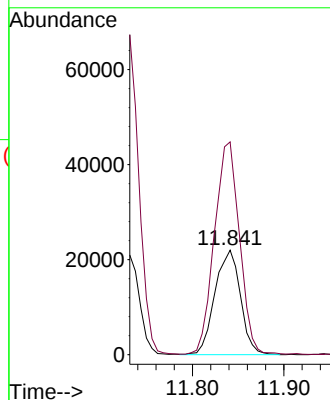
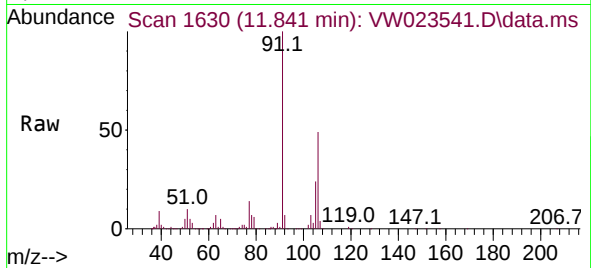




#53
m,p-Xylene
Concen: 4.897 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

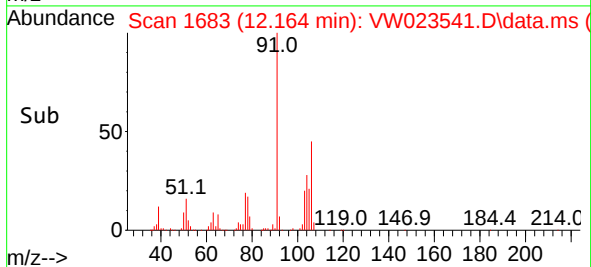
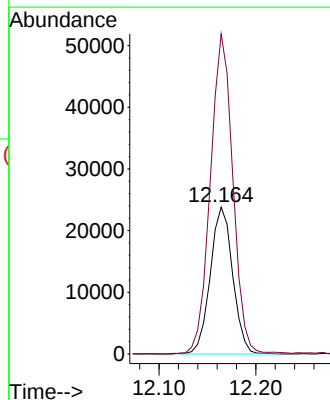
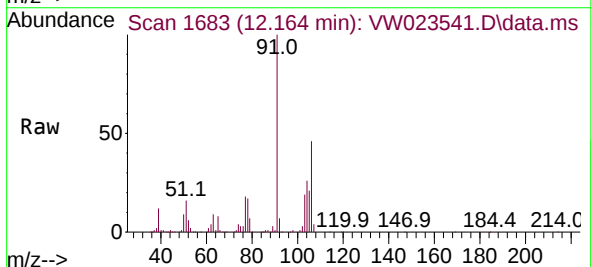
Instrument :
MSVOA_W
ClientSampleId :

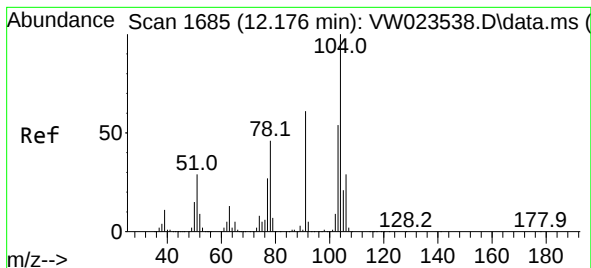
Tgt Ion:106 Resp: 42714
Ion Ratio Lower Upper
106 100
91 203.6 140.8 261.6



#54
o-Xylene
Concen: 4.654 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

Tgt Ion:106 Resp: 38348
Ion Ratio Lower Upper
106 100
91 217.8 149.3 277.3





#55

Styrene

Concen: 4.811 ug/L

RT: 12.182 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023541.D

Acq: 30 Jun 2022 12:07

Instrument :

MSVOA_W

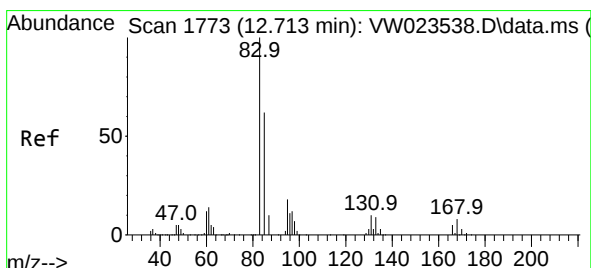
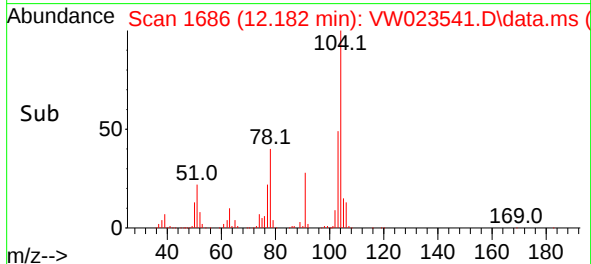
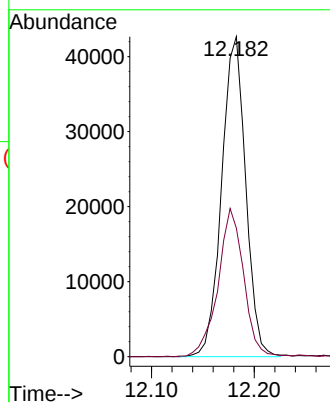
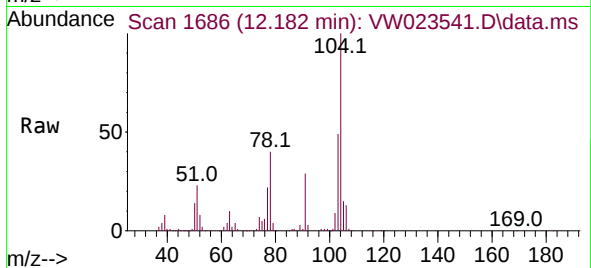
ClientSampleId :

Tgt Ion:104 Resp: 69276

Ion Ratio Lower Upper

104 100

78 40.1 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 5.261 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023541.D

Acq: 30 Jun 2022 12:07

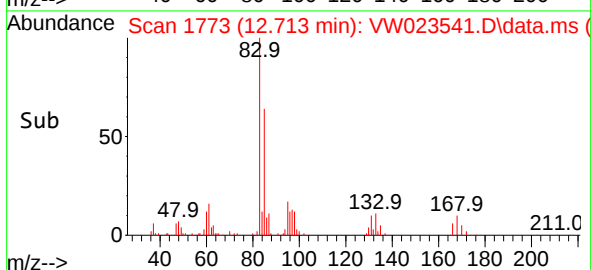
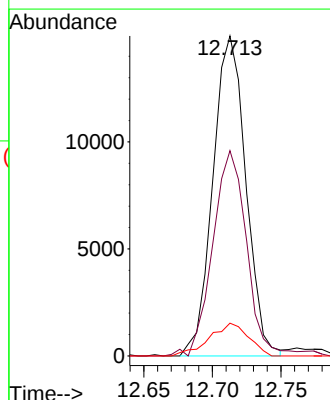
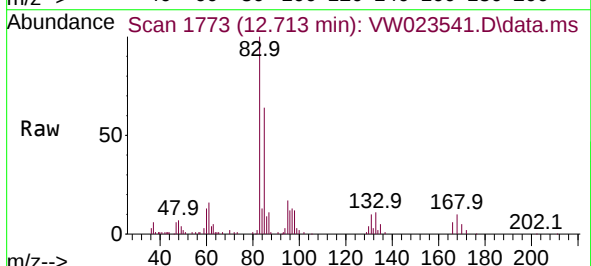
Tgt Ion: 83 Resp: 25028

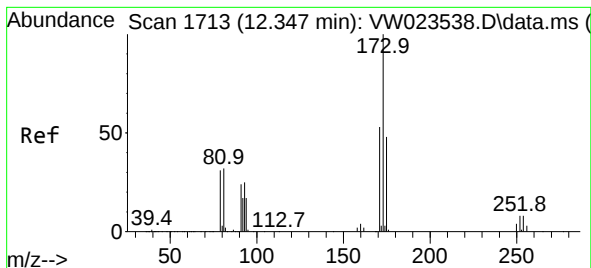
Ion Ratio Lower Upper

83 100

85 64.2 44.0 81.6

131 10.2 8.5 12.7





#59

Bromoform

Concen: 4.843 ug/L

RT: 12.347 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023541.D

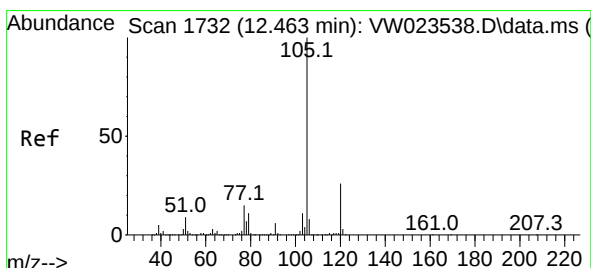
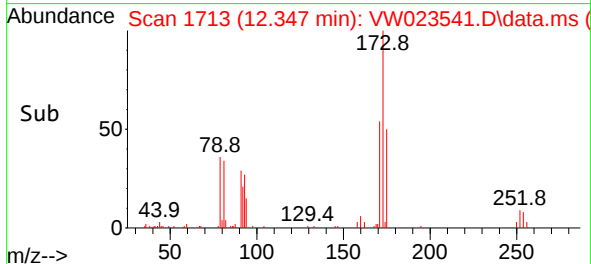
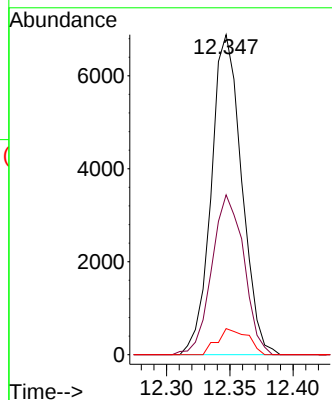
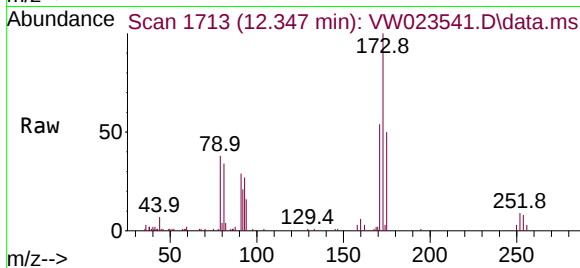
Acq: 30 Jun 2022 12:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	173	Resp:	11518
Ion	Ratio	Lower	Upper
173	100		
175	52.5	37.9	56.9
254	8.2	7.0	10.4



#60

Isopropylbenzene

Concen: 5.127 ug/L

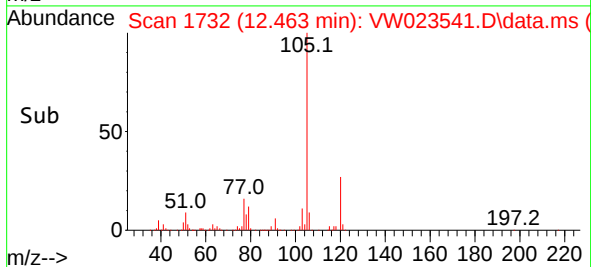
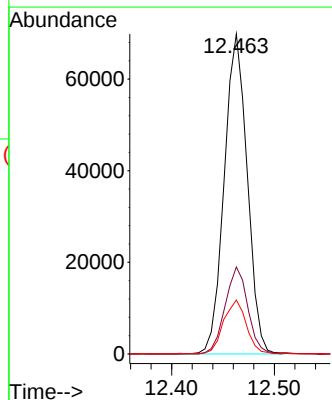
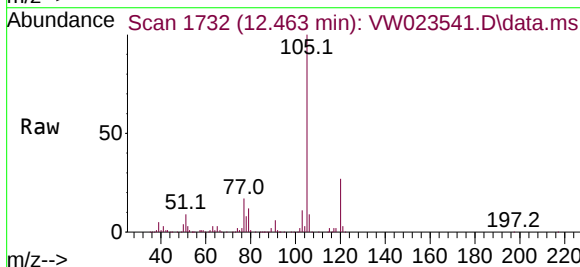
RT: 12.463 min Scan# 1732

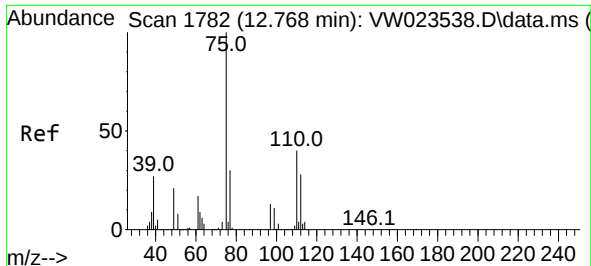
Delta R.T. 0.000 min

Lab File: VW023541.D

Acq: 30 Jun 2022 12:07

Tgt Ion:	105	Resp:	108410
Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.3	31.9
77	16.7	12.4	18.6





#61

1,2,3-Trichloropropane

Concen: 5.652 ug/L

RT: 12.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023541.D

Acq: 30 Jun 2022 12:07

Instrument :

MSVOA_W

ClientSampleId :

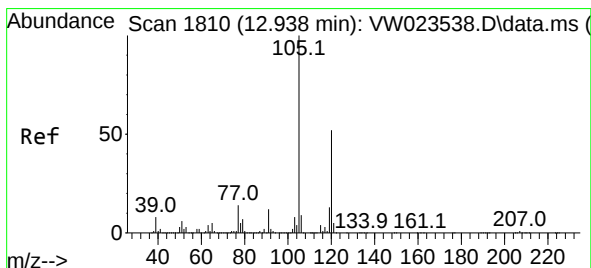
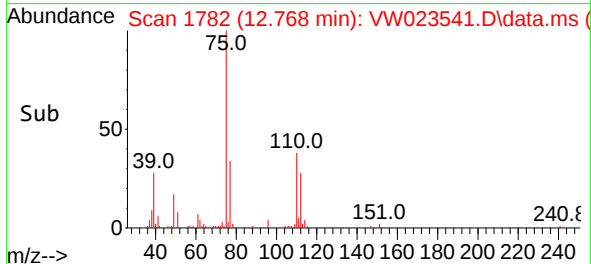
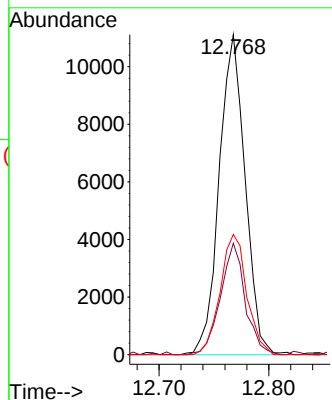
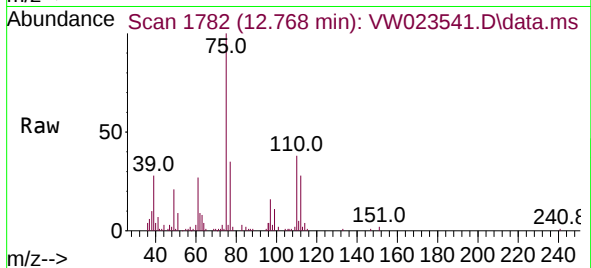
Tgt Ion: 75 Resp: 18248

Ion Ratio Lower Upper

75 100

77 33.2 25.8 38.6

110 38.6 34.3 51.5



#62

1,3,5-Trimethylbenzene

Concen: 4.939 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW023541.D

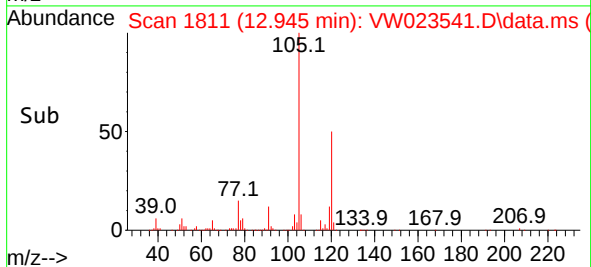
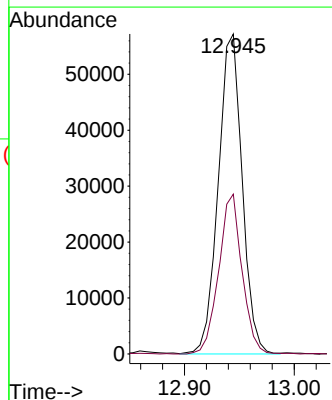
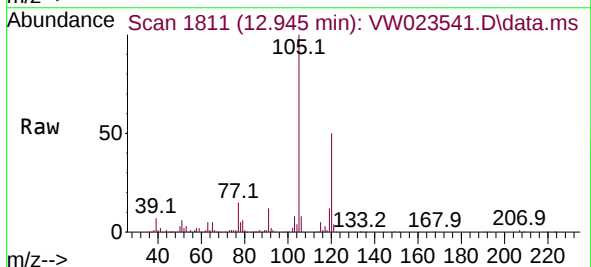
Acq: 30 Jun 2022 12:07

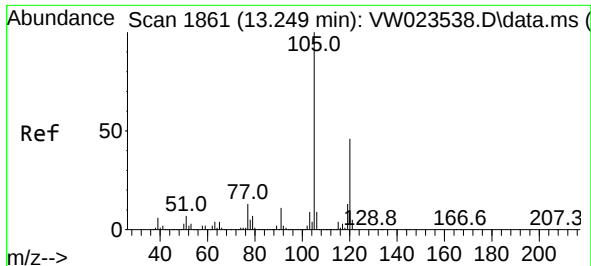
Tgt Ion:105 Resp: 86765

Ion Ratio Lower Upper

105 100

120 48.6 39.7 59.5

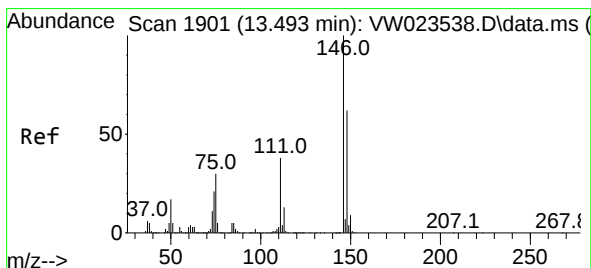
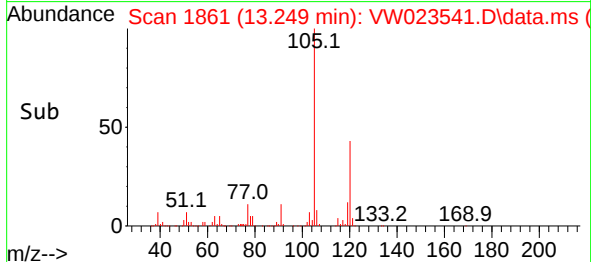
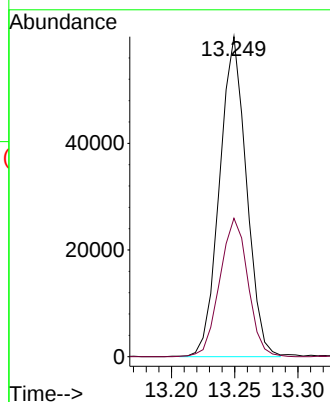
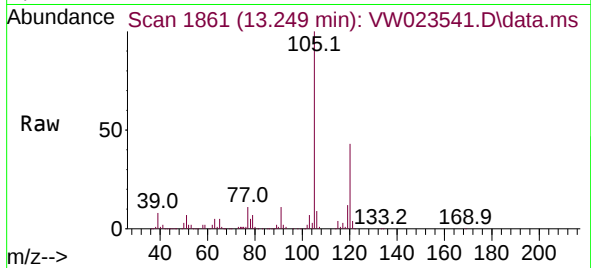




#63
1,2,4-Trimethylbenzene
Concen: 5.024 ug/L
RT: 13.249 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

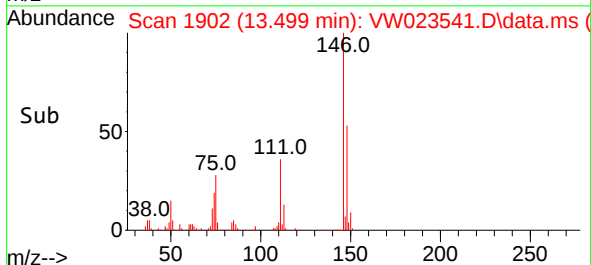
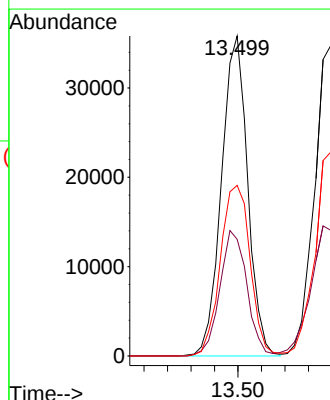
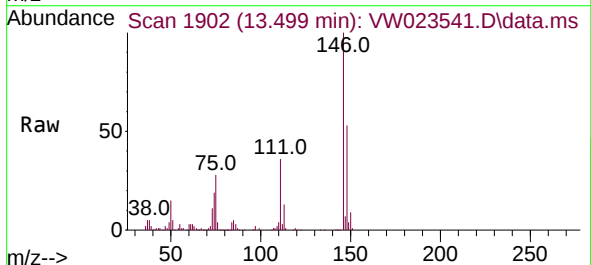
Instrument :
MSVOA_W
ClientSampleId :

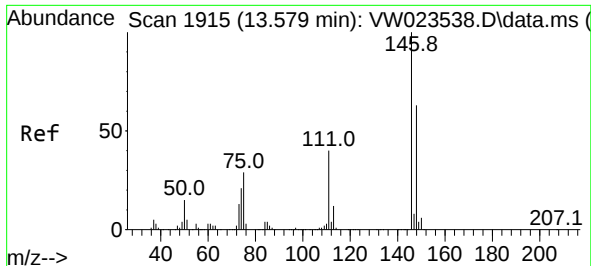
Tgt Ion:105 Resp: 88568
Ion Ratio Lower Upper
105 100
120 45.2 36.9 55.3



#64
1,3-Dichlorobenzene
Concen: 5.457 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

Tgt Ion:146 Resp: 55462
Ion Ratio Lower Upper
146 100
111 36.4 26.7 49.7
148 53.3 43.3 80.5

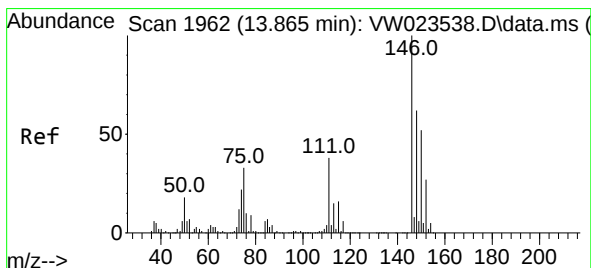
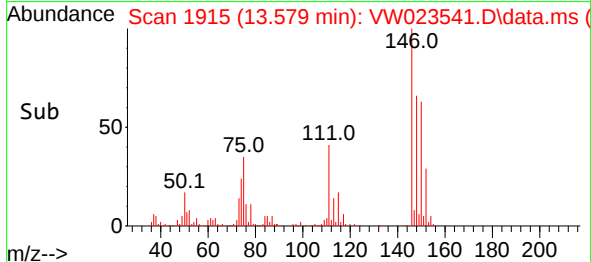
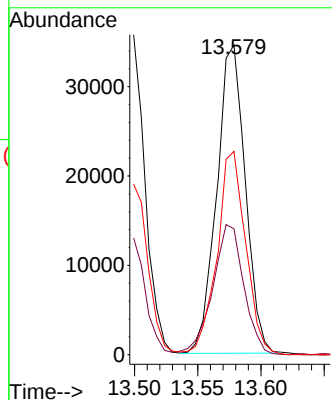
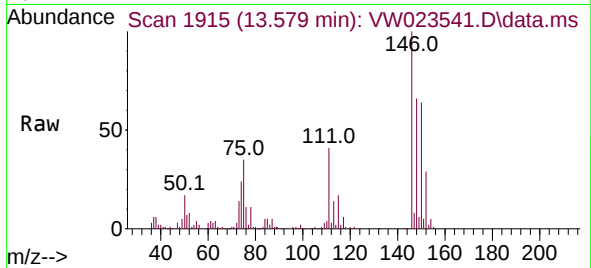




#65
1,4-Dichlorobenzene
Concen: 5.256 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

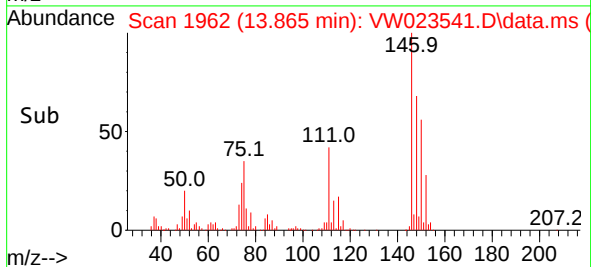
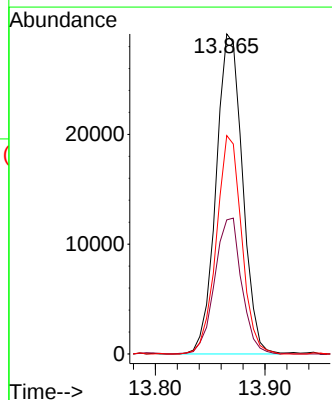
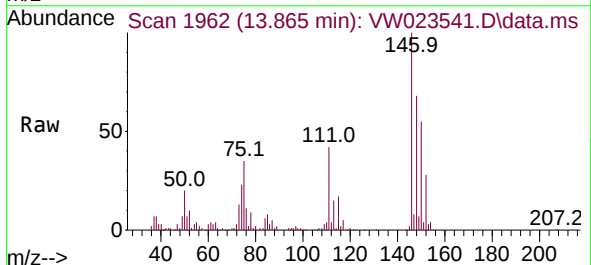
Instrument :
MSVOA_W
ClientSampleId :

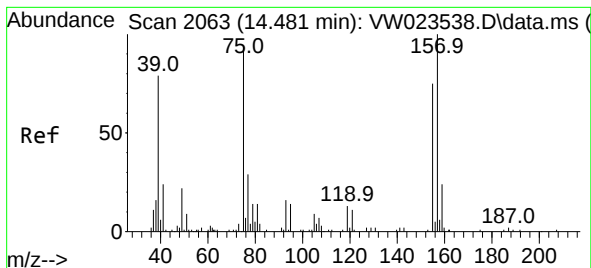
Tgt Ion:146 Resp: 54176
Ion Ratio Lower Upper
146 100
111 40.7 28.2 52.4
148 65.7 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 5.306 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

Tgt Ion:146 Resp: 48867
Ion Ratio Lower Upper
146 100
111 41.9 30.6 45.8
148 68.3 49.9 74.9

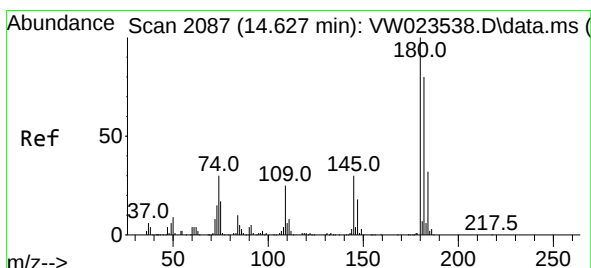
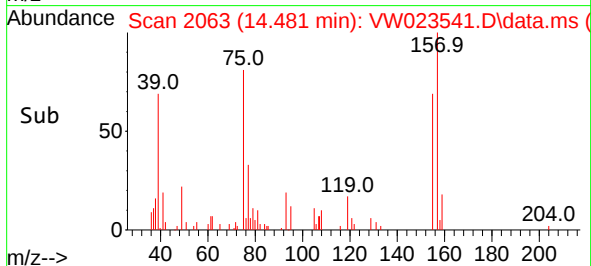
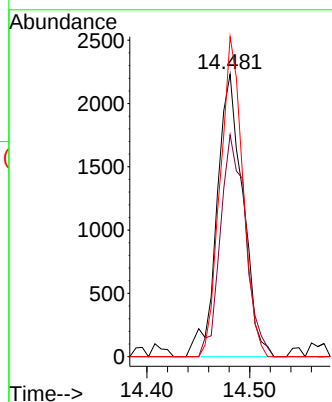
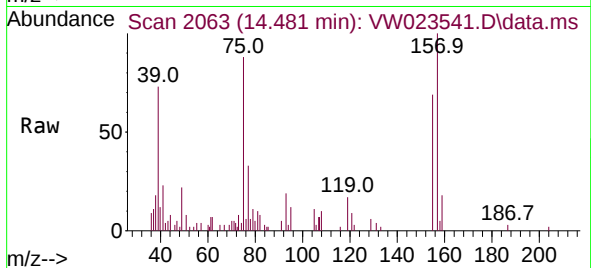




#68
1,2-Dibromo-3-chloropropane
Concen: 5.297 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

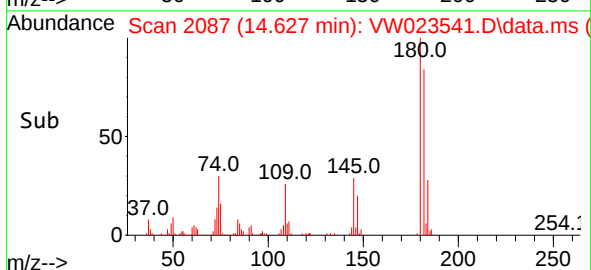
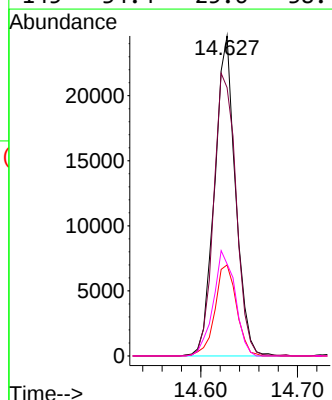
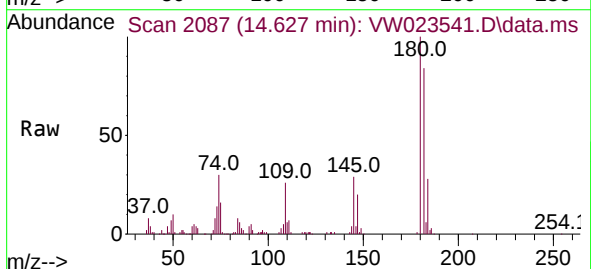
Instrument :
MSVOA_W
ClientSampleId :

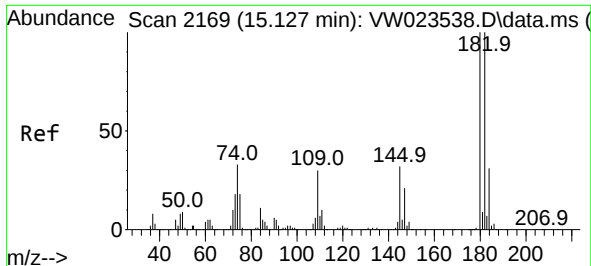
Tgt Ion: 75 Resp: 3911
Ion Ratio Lower Upper
75 100
155 78.5 63.8 95.6
157 113.3 85.0 127.4



#69
1,3,5-Trichlorobenzene
Concen: 5.416 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

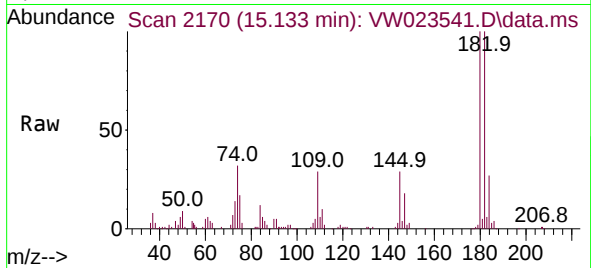
Tgt Ion: 180 Resp: 36752
Ion Ratio Lower Upper
180 100
182 94.7 75.5 113.3
184 29.5 24.6 36.8
145 34.4 25.6 38.4



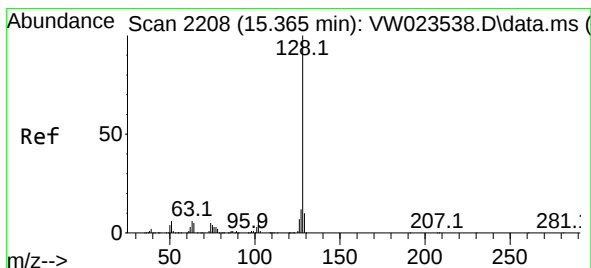
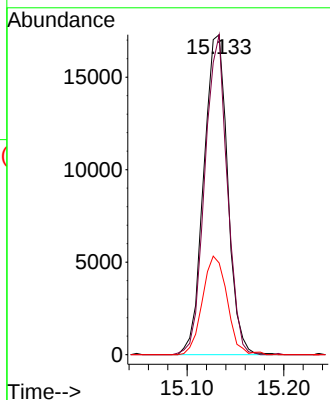
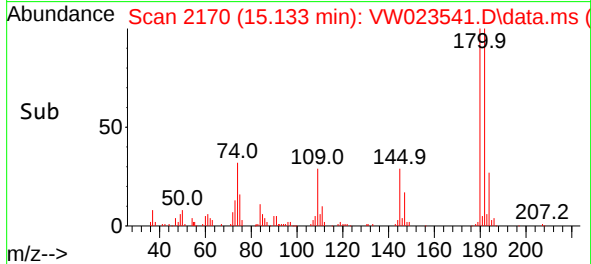


#70
1,2,4-trichlorobenzene
Concen: 5.427 ug/L
RT: 15.133 min Scan# 2169
Delta R.T. 0.006 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

Instrument :
MSVOA_W
ClientSampleId :

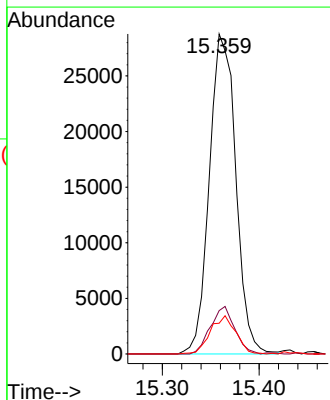
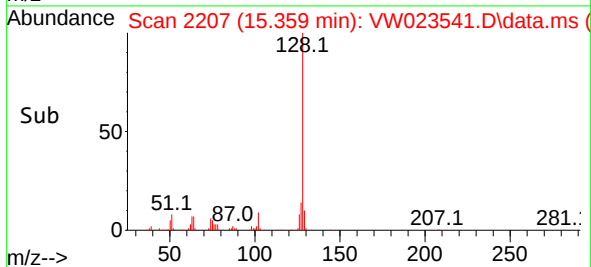
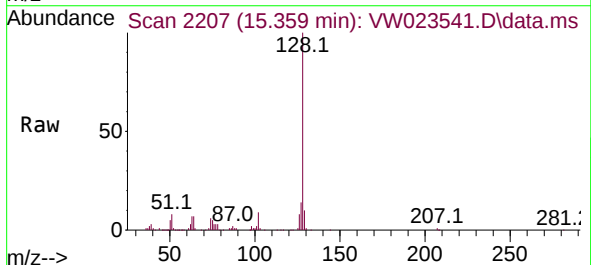


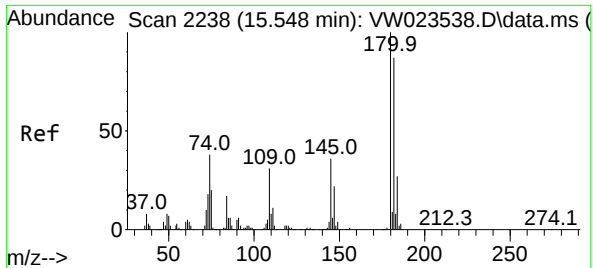
Tgt Ion:180 Resp: 29714
Ion Ratio Lower Upper
180 100
182 93.4 77.0 115.4
145 31.5 26.1 39.1



#71
Naphthalene
Concen: 4.815 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW023541.D
Acq: 30 Jun 2022 12:07

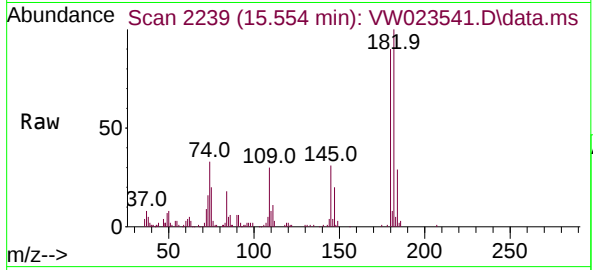
Tgt Ion:128 Resp: 54704
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 11.5 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 5.135 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW023541.D
 Acq: 30 Jun 2022 12:07

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	25661
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.6	113.4
145	36.3	28.2	42.2

