

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102121\
 Data File : VW020658.D
 Acq On : 21 Oct 2021 09:03
 Operator : SY/VA
 Sample : VSTD05004
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 21 09:22:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 21 09:15:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	198314	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	187015	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	97914	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	146896	49.994	ug/L	0.00
7) Chloroethane-d5	2.873	69	53799	35.987	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	279039	47.361	ug/L	0.00
21) 2-Butanone-d5	7.080	46	95374	109.331	ug/L	0.00
24) Chloroform-d	7.647	84	285972	45.439	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	170250	47.333	ug/L	0.00
32) Benzene-d6	8.275	84	563973	46.419	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	177152	44.773	ug/L	0.00
41) Toluene-d8	10.323	98	522980	47.784	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	78723	48.859	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	73750	119.548	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	144189	48.133	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	164265	43.482	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	80156	61.032	ug/L	98
3) Chloromethane	2.215	50	130038	48.467	ug/L	97
5) Vinyl chloride	2.355	62	170492	45.925	ug/L	99
6) Bromomethane	2.763	94	62518	39.236	ug/L	100
8) Chloroethane	2.910	64	45139	33.541	ug/L	97
9) Trichlorofluoromethane	3.245	101	64749	32.793	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	143389	47.558	ug/L	97
12) 1,1-Dichloroethene	4.032	96	133252	48.379	ug/L	91
13) Acetone	4.123	43	84566	105.097	ug/L	96
14) Carbon disulfide	4.379	76	431883	47.879	ug/L	100
15) Methyl Acetate	4.672	43	82435	55.312	ug/L	99
16) Methylene chloride	4.916	84	141332	37.163	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	142570	49.177	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	219824	53.784	ug/L	99
19) 1,1-Dichloroethane	6.214	63	284274	47.842	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	151140	50.299	ug/L	98
22) 2-Butanone	7.171	43	118794	118.760	ug/L	99
23) Bromochloromethane	7.513	128	65366	49.447	ug/L	93
25) Chloroform	7.677	83	277668	47.909	ug/L	99
27) 1,2-Dichloroethane	8.403	62	197972	49.869	ug/L	99
29) Cyclohexane	7.952	56	293143	54.173	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	218528	47.411	ug/L	99
31) Carbon tetrachloride	8.067	117	192972	47.626	ug/L	99
33) Benzene	8.323	78	630849	47.744	ug/L	100
34) Trichloroethene	9.092	95	152424	47.043	ug/L	99
35) Methylcyclohexane	9.335	83	288387	51.920	ug/L	98
37) 1,2-Dichloropropane	9.366	63	162557	47.604	ug/L	100
38) Bromodichloromethane	9.646	83	197020	47.911	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	246423	52.361	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	242546	117.727	ug/L	100
42) Toluene	10.390	91	660589	49.894	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	221196	53.396	ug/L	98

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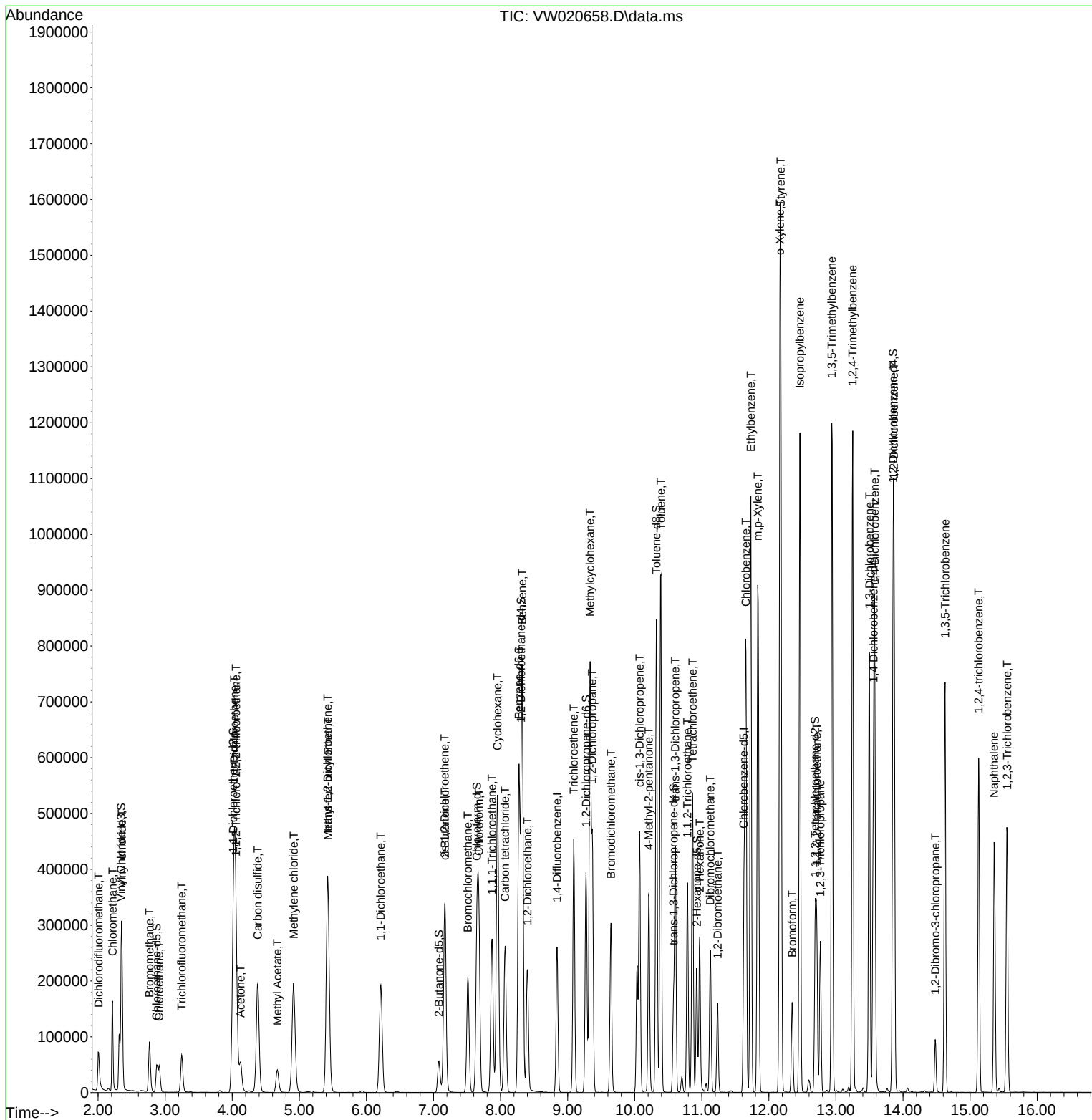
Instrument :
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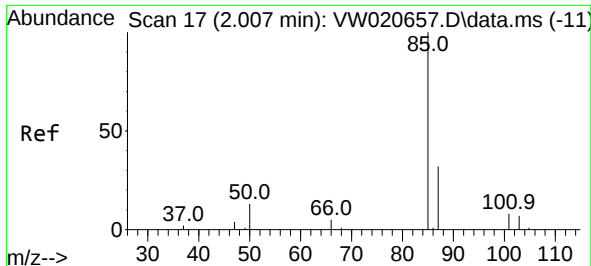
Quant Time: Oct 21 09:22:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 21 09:15:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	108955	49.610	ug/L	97
46) Tetrachloroethene	10.866	164	113408	48.434	ug/L	97
48) 2-Hexanone	10.969	43	182205	121.005	ug/L	99
49) Dibromochloromethane	11.128	129	125199	51.914	ug/L	97
50) 1,2-Dibromoethane	11.238	107	104949	52.025	ug/L	99
51) Chlorobenzene	11.658	112	383321	46.952	ug/L	98
52) Ethylbenzene	11.731	91	732642	51.088	ug/L	99
53) m,p-Xylene	11.835	106	269250	50.509	ug/L	100
54) o-Xylene	12.164	106	257889	52.500	ug/L	98
55) Styrene	12.176	104	445983	51.592	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	139672	51.202	ug/L	97
59) Bromoform	12.347	173	70109	51.464	ug/L	100
60) Isopropylbenzene	12.463	105	711601	50.473	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	107209	50.301	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	604741	52.338	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	601976	52.549	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	292314	47.641	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	299286	47.187	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	264852	47.043	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	24920	54.294	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	209572	47.909	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	175092	51.035	ug/L	93
71) Naphthalene	15.359	128	349120	55.556	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	152083	49.794	ug/L	98

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

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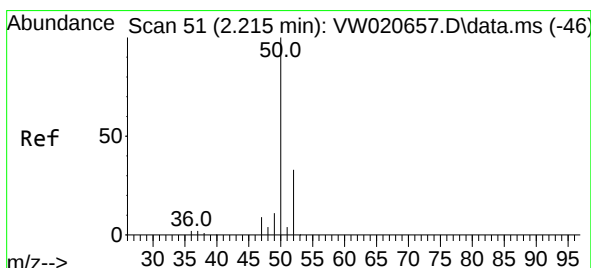
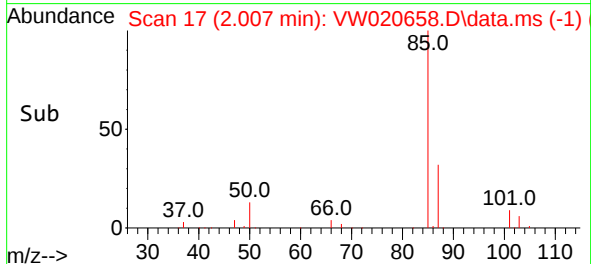
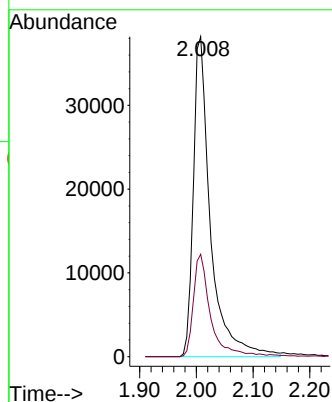
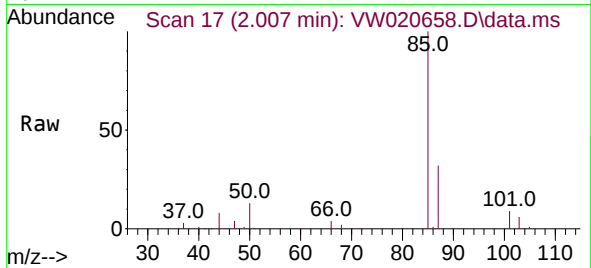




#2
Dichlorodifluoromethane
Concen: 61.032 ug/L
RT: 2.007 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

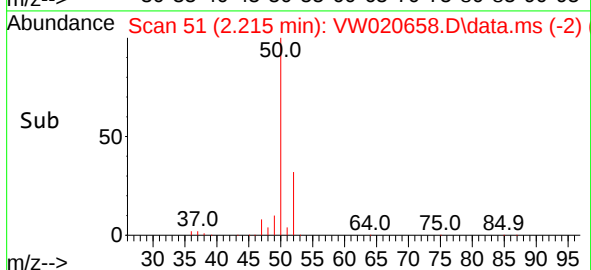
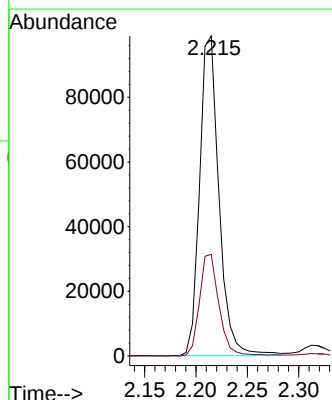
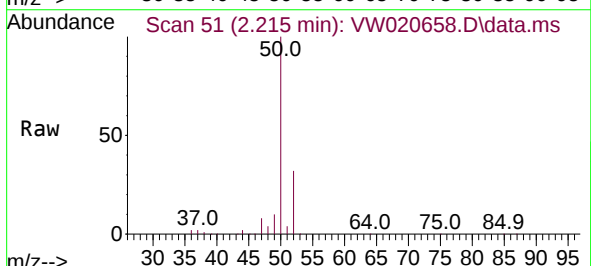
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ClientSampled :

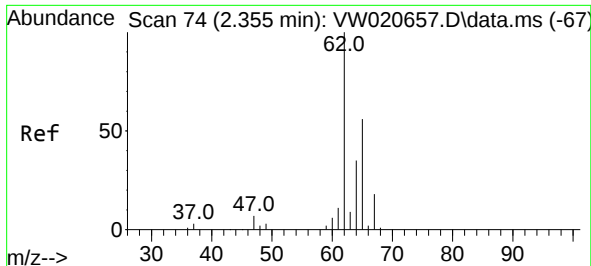
Tgt Ion: 85 Resp: 80156
Ion Ratio Lower Upper
85 100
87 30.9 25.8 38.6



#3
Chloromethane
Concen: 48.467 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Tgt Ion: 50 Resp: 130038
Ion Ratio Lower Upper
50 100
52 31.7 23.4 43.6

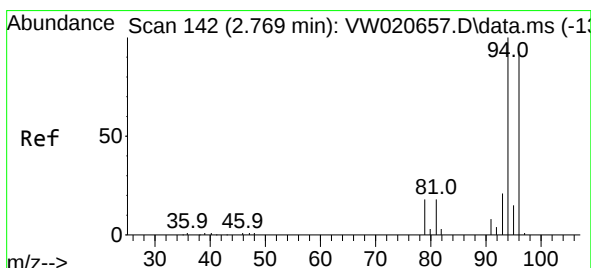
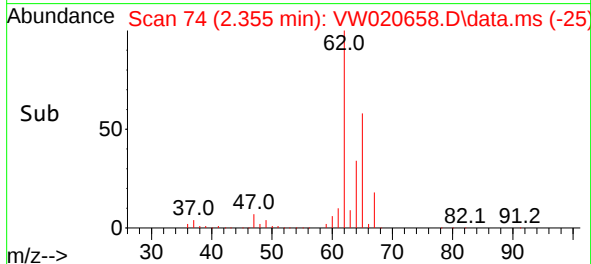
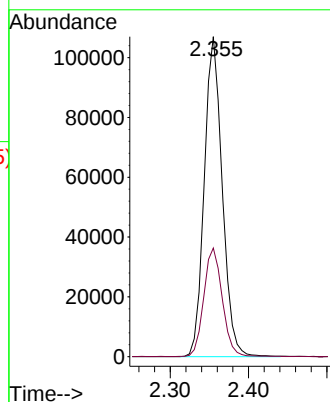
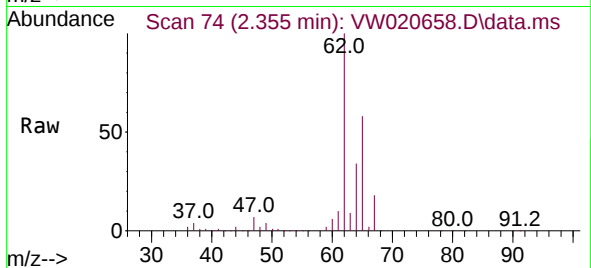




#5
 Vinyl chloride
 Concen: 45.925 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW020658.D
 Acq: 21 Oct 2021 09:03

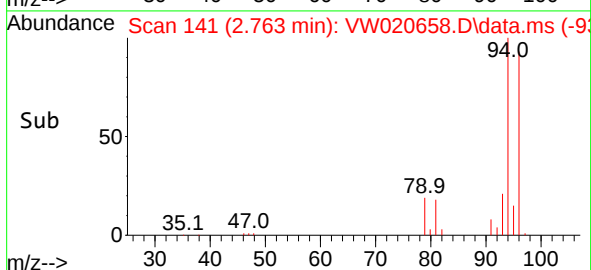
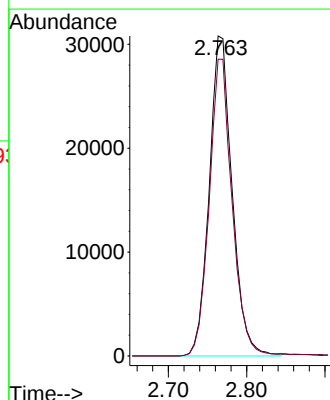
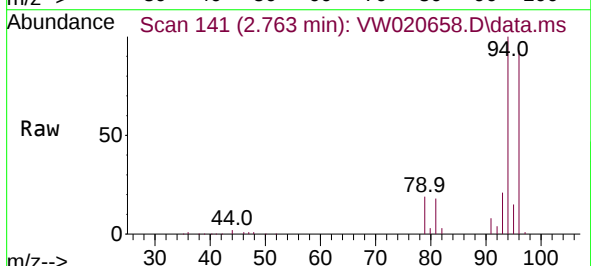
Instrument :
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 ClientSampled :

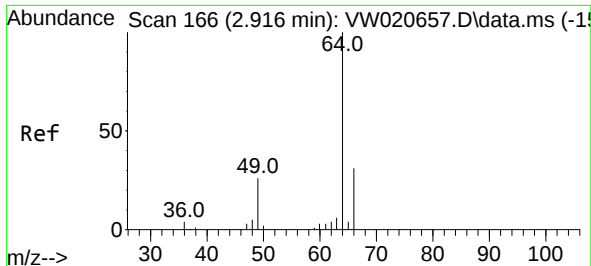
Tgt Ion: 62 Resp: 170492
 Ion Ratio Lower Upper
 62 100
 64 33.9 24.4 45.2



#6
 Bromomethane
 Concen: 39.236 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: VW020658.D
 Acq: 21 Oct 2021 09:03

Tgt Ion: 94 Resp: 62518
 Ion Ratio Lower Upper
 94 100
 96 92.8 64.8 120.4

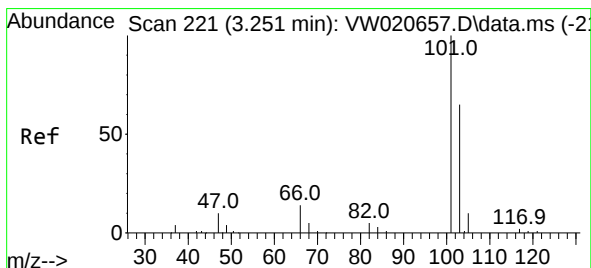
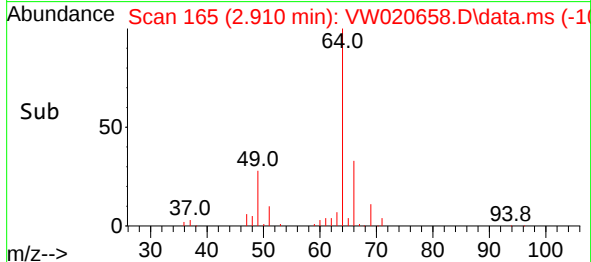
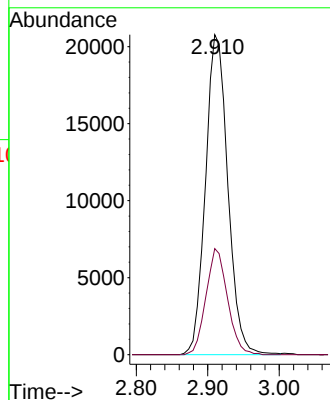
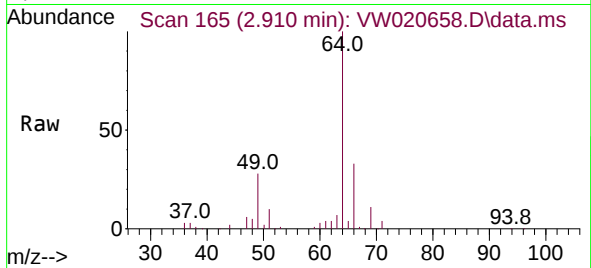




#8
Chloroethane
Concen: 33.541 ug/L
RT: 2.910 min Scan# 165
Delta R.T. -0.006 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

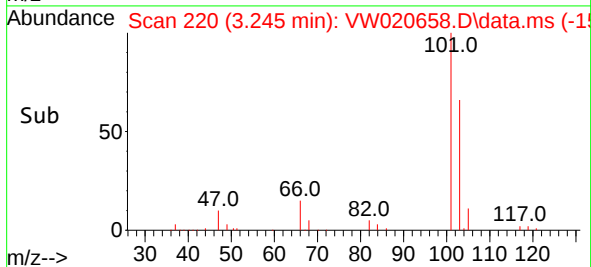
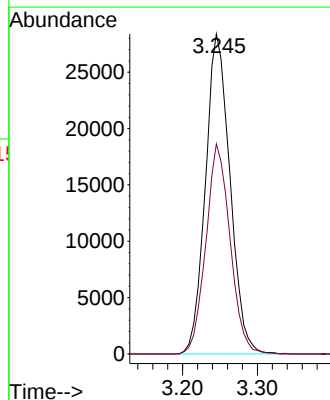
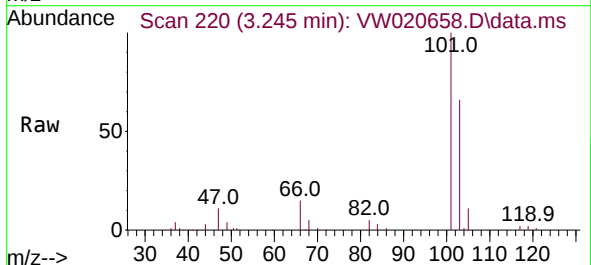
Instrument :
MSVOA_W
ClientSampled :

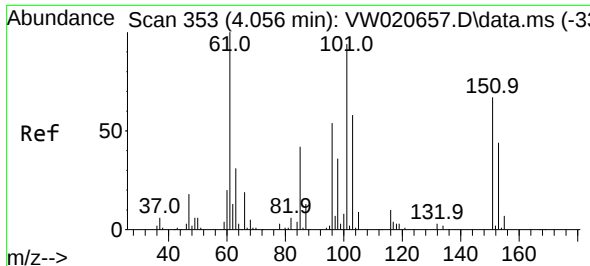
Tgt Ion: 64 Resp: 45139
Ion Ratio Lower Upper
64 100
66 33.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 32.793 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Tgt Ion:101 Resp: 64749
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

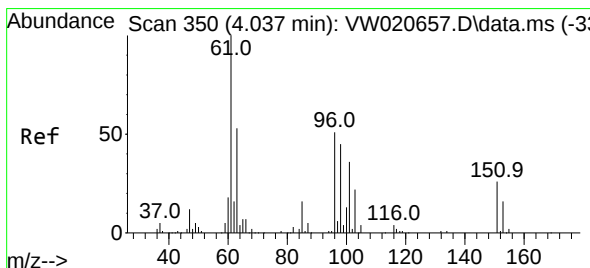
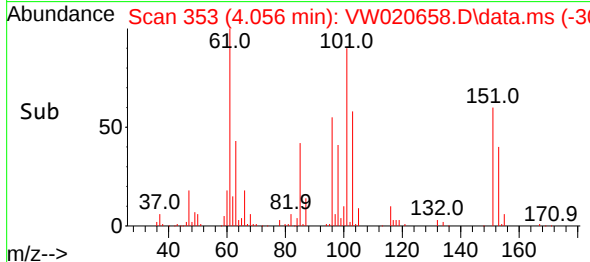
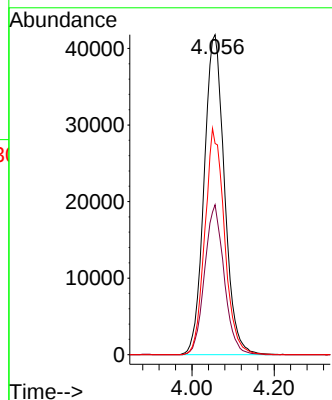
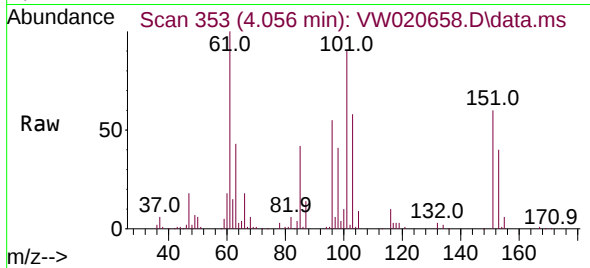




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.558 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW020658.D
 Acq: 21 Oct 2021 09:03

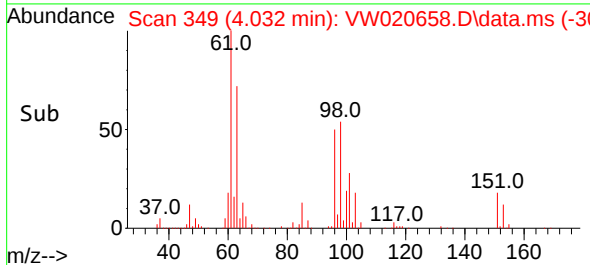
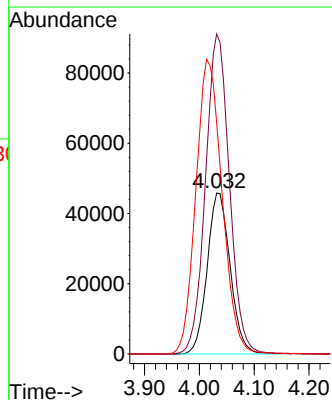
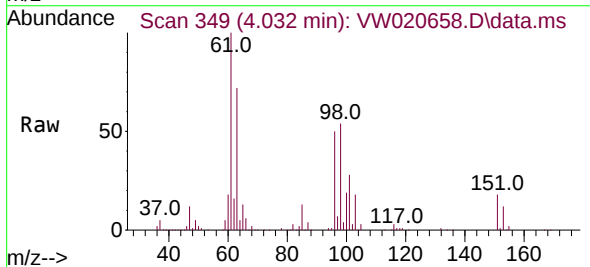
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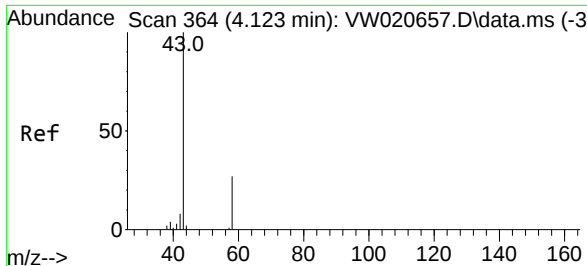
Tgt Ion:101 Resp: 143389
 Ion Ratio Lower Upper
 101 100
 85 44.9 36.6 54.8
 151 68.1 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 48.379 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW020658.D
 Acq: 21 Oct 2021 09:03

Tgt Ion: 96 Resp: 133252
 Ion Ratio Lower Upper
 96 100
 61 198.8 138.3 256.9
 63 143.6 82.6 153.4

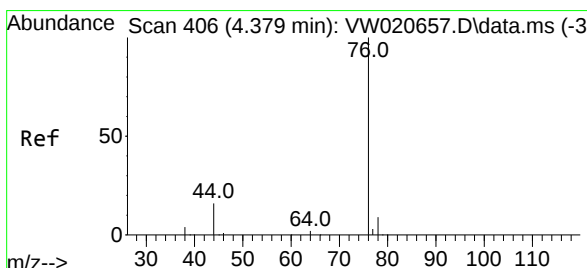
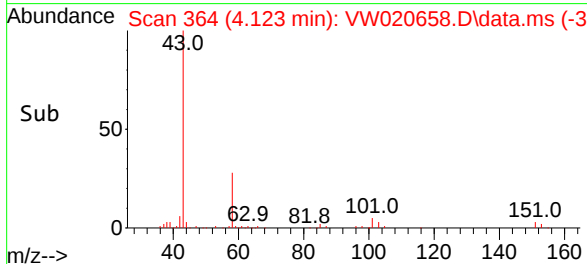
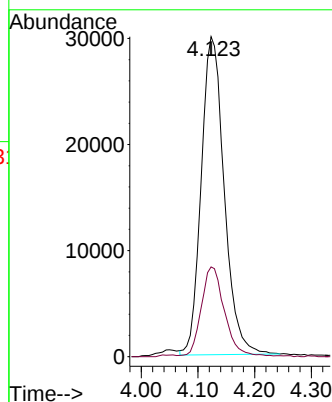
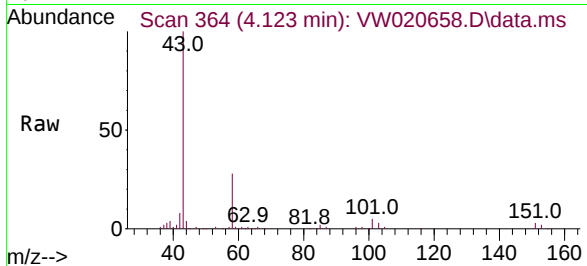




#13
Acetone
Concen: 105.097 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

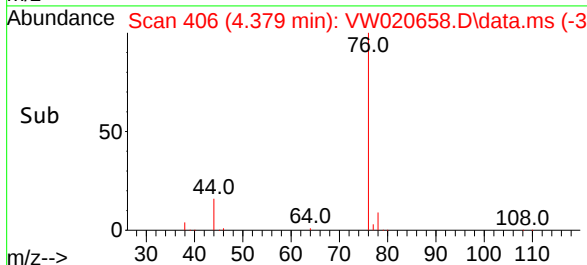
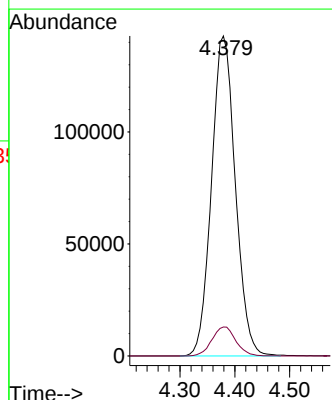
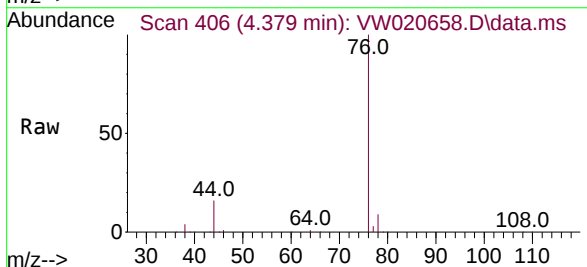
Instrument :
MSVOA_W
ClientSampled :

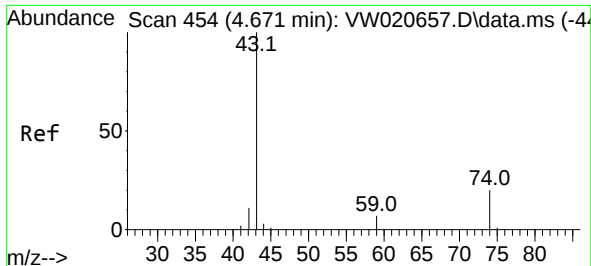
Tgt Ion: 43 Resp: 84566
Ion Ratio Lower Upper
43 100
58 28.5 0.0 52.8



#14
Carbon disulfide
Concen: 47.879 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Tgt Ion: 76 Resp: 431883
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

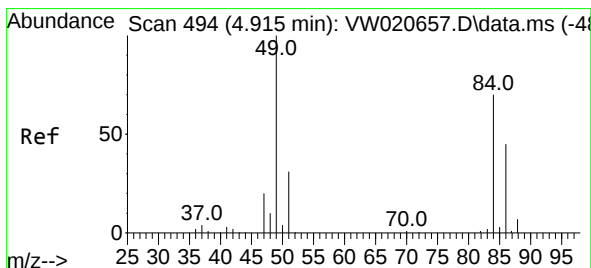
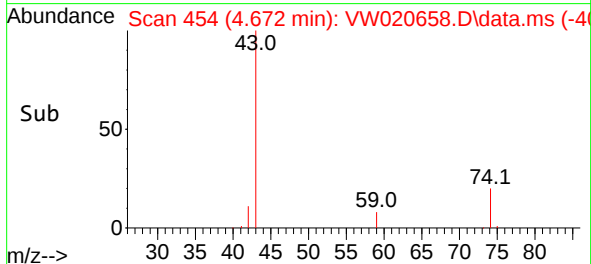
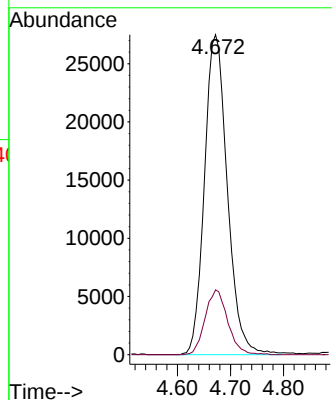
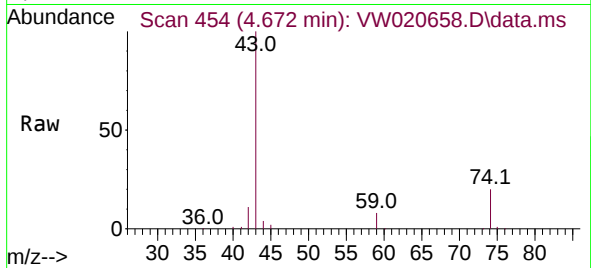




#15
Methyl Acetate
Concen: 55.312 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

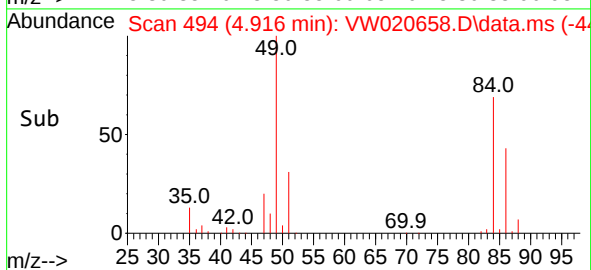
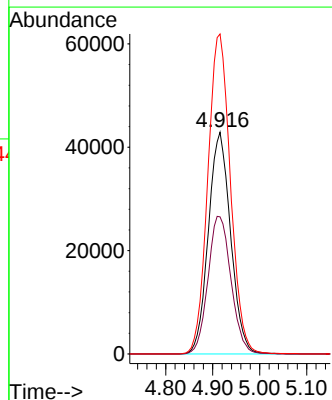
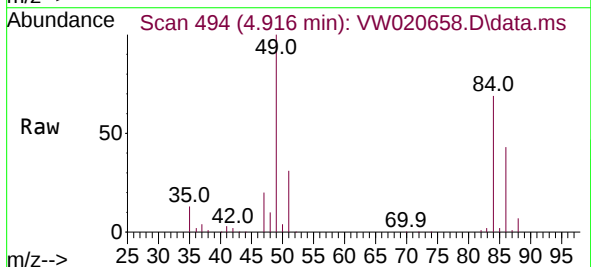
Instrument :
MSVOA_W
ClientSampled :

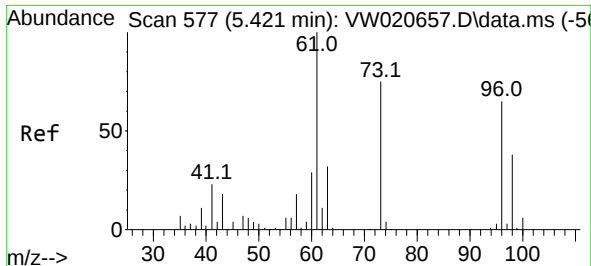
Tgt Ion: 43 Resp: 82435
Ion Ratio Lower Upper
43 100
74 20.0 16.4 24.6



#16
Methylene chloride
Concen: 37.163 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Tgt Ion: 84 Resp: 141332
Ion Ratio Lower Upper
84 100
86 61.8 45.5 84.5
49 144.3 100.5 186.7

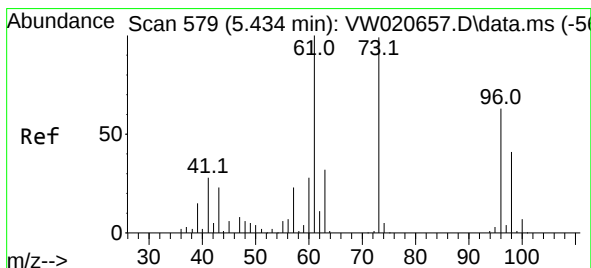
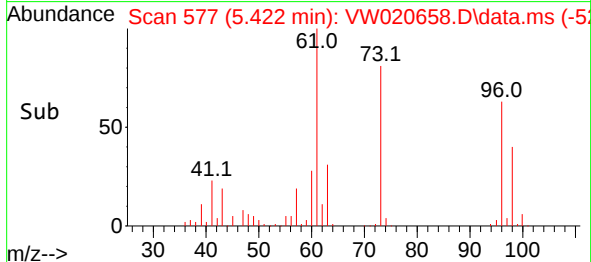
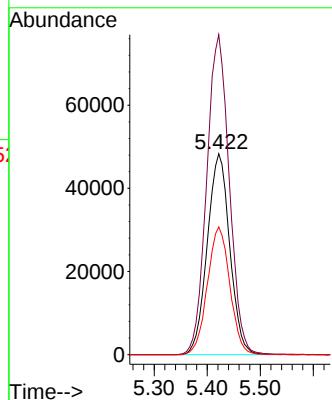
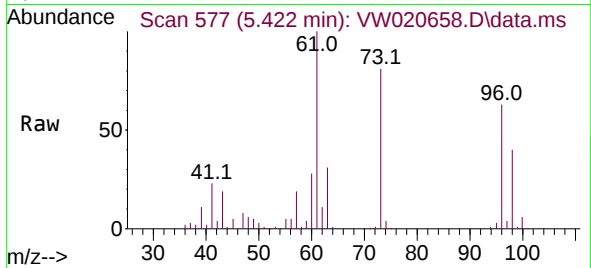




#17
trans-1,2-Dichloroethene
Concen: 49.177 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

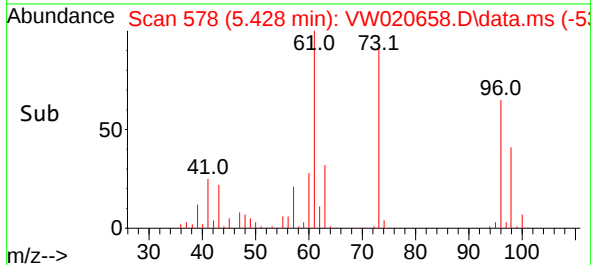
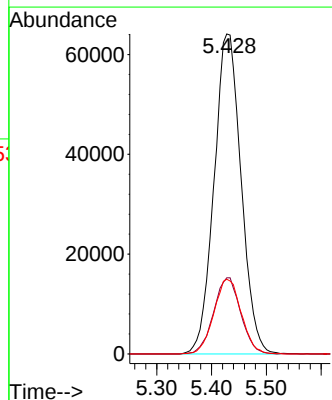
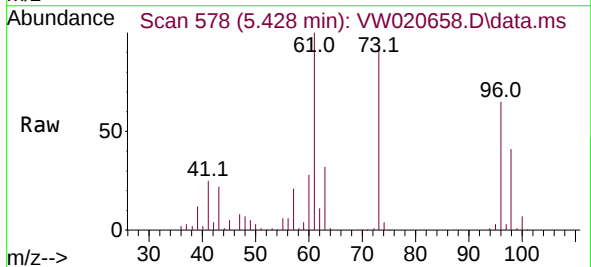
Instrument :
MSVOA_W
ClientSampled :

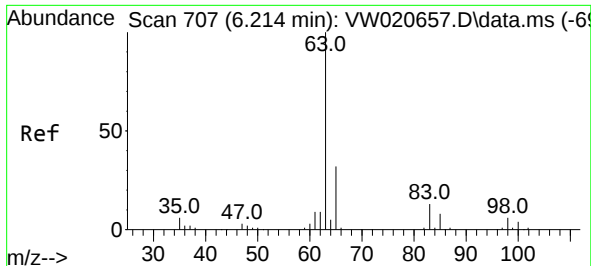
Tgt Ion: 96 Resp: 142570
Ion Ratio Lower Upper
96 100
61 159.2 107.4 199.4
98 63.6 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 53.784 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Tgt Ion: 73 Resp: 219824
Ion Ratio Lower Upper
73 100
43 23.8 19.5 29.3
57 23.6 19.3 28.9





#19

1,1-Dichloroethane

Concen: 47.842 ug/L

RT: 6.214 min Scan# 707

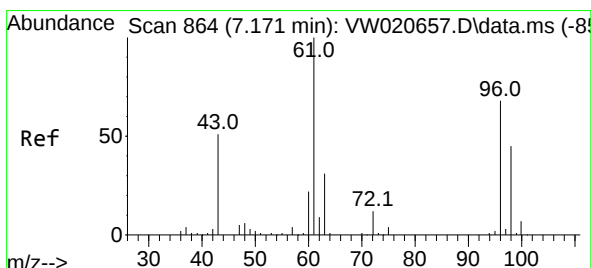
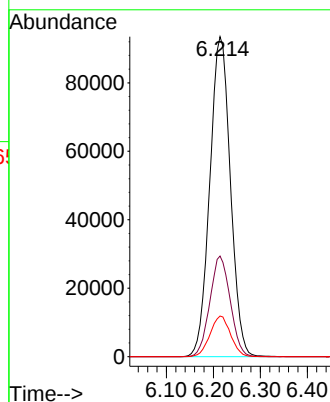
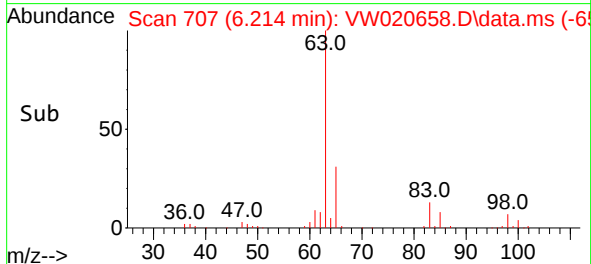
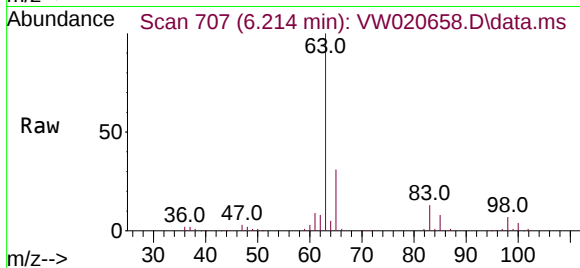
Delta R.T. 0.000 min

Lab File: VW020658.D

Acq: 21 Oct 2021 09:03

Tgt Ion: 63 Resp: 284274

Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.1	41.1
83	12.7	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 50.299 ug/L

RT: 7.165 min Scan# 863

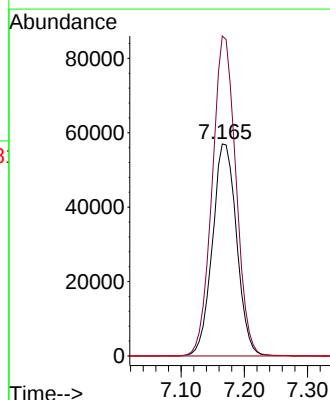
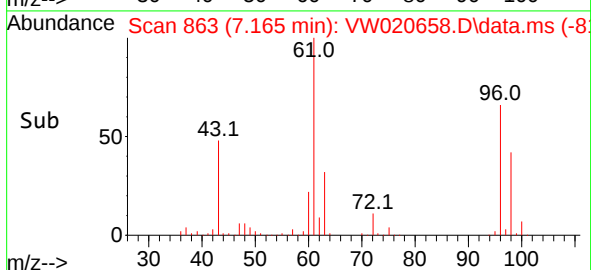
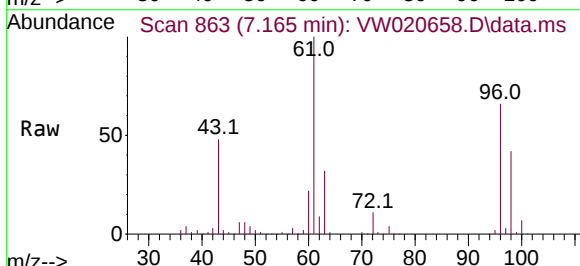
Delta R.T. -0.006 min

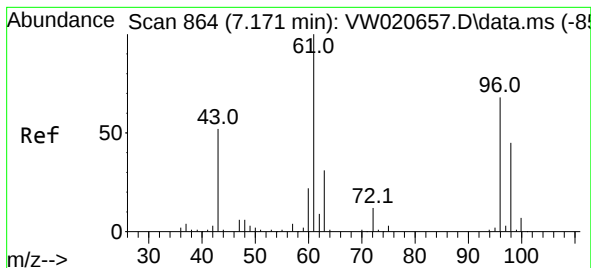
Lab File: VW020658.D

Acq: 21 Oct 2021 09:03

Tgt Ion: 96 Resp: 151140

Ion	Ratio	Lower	Upper
96	100		
61	150.9	103.7	192.7
68	0.0	0.0	0.0

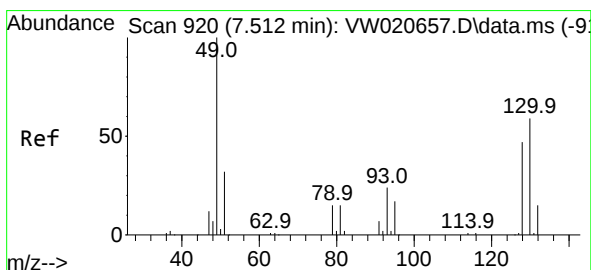
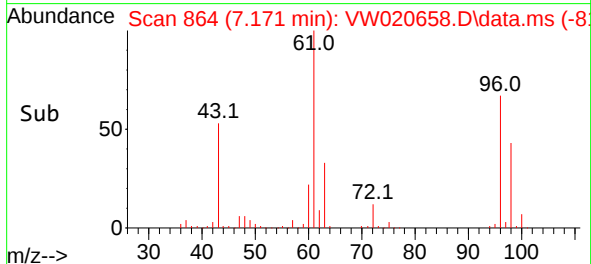
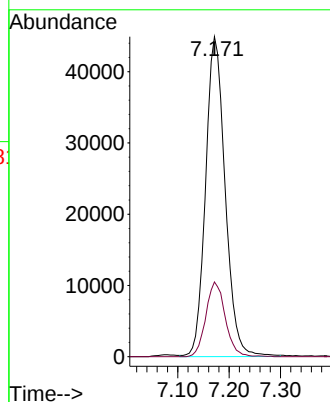
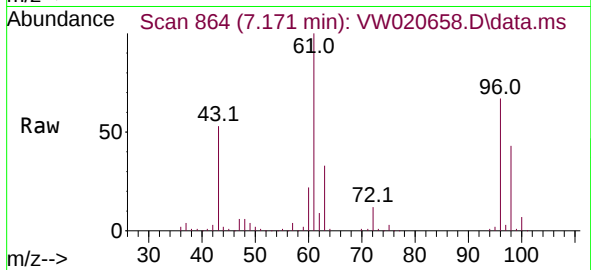




#22
2-Butanone
Concen: 118.760 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

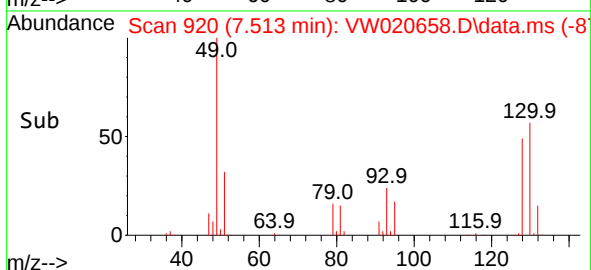
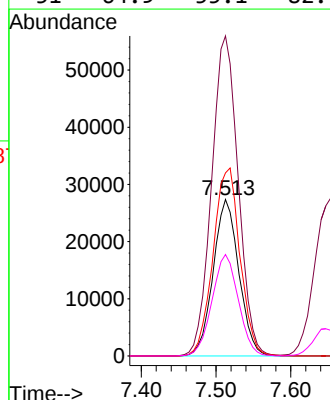
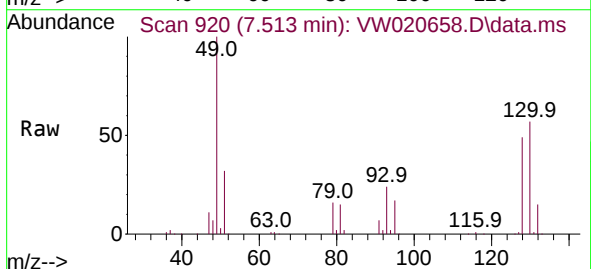
Instrument :
MSVOA_W
ClientSampled :

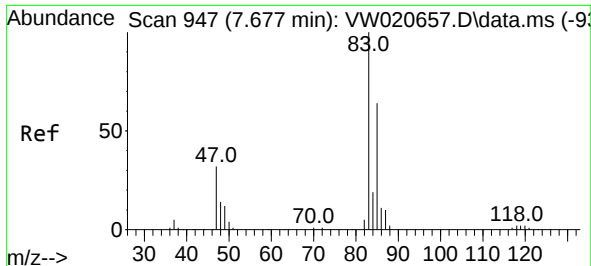
Tgt Ion: 43 Resp: 118794
Ion Ratio Lower Upper
43 100
72 23.1 11.8 35.4



#23
Bromochloromethane
Concen: 49.447 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Tgt Ion:128 Resp: 65366
Ion Ratio Lower Upper
128 100
49 204.6 150.3 279.1
130 117.0 88.3 163.9
51 64.9 55.1 82.7

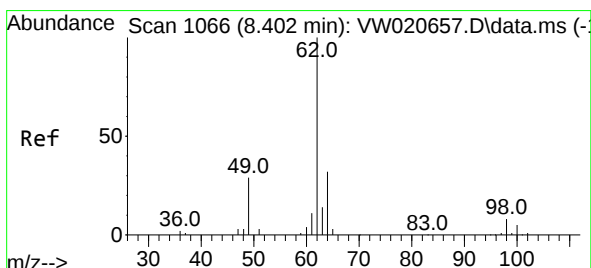
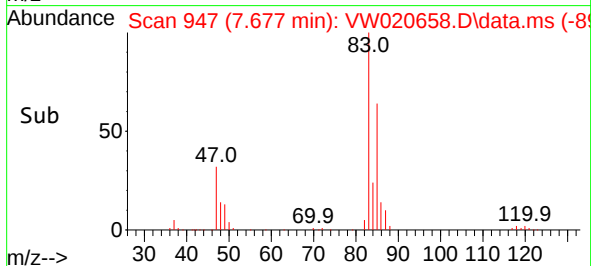
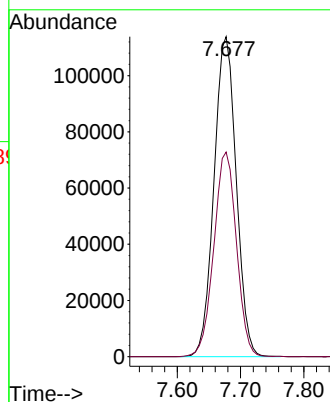
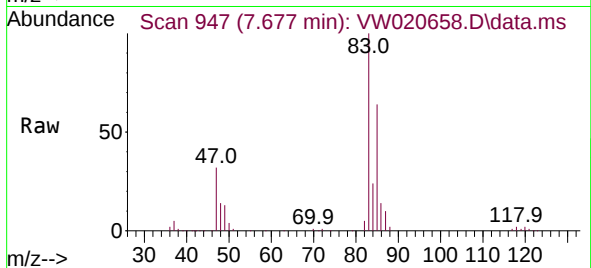




#25
Chloroform
Concen: 47.909 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

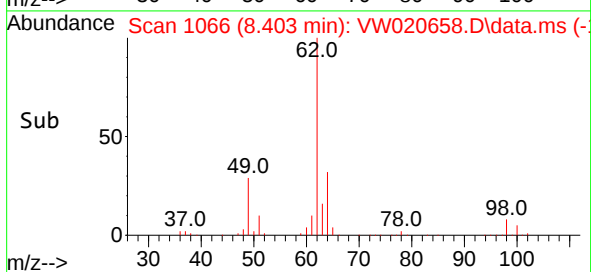
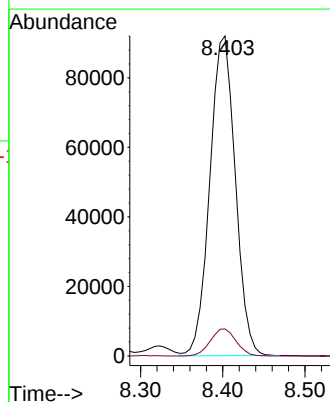
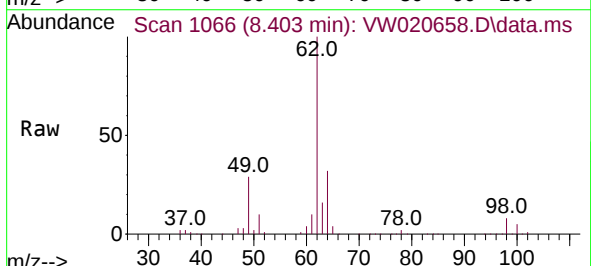
Instrument :
MSVOA_W
ClientSampleId :

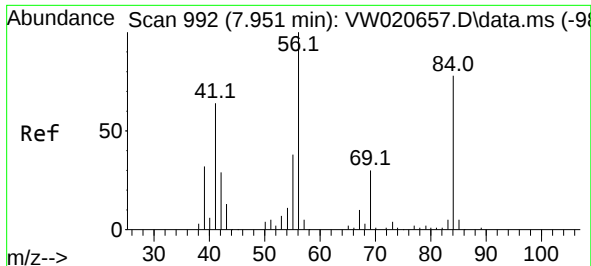
Tgt Ion: 83 Resp: 277668
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 49.869 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

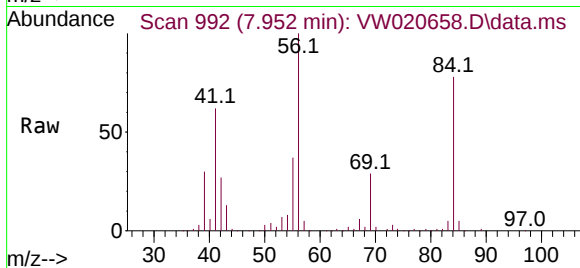
Tgt Ion: 62 Resp: 197972
Ion Ratio Lower Upper
62 100
98 8.4 6.5 9.7



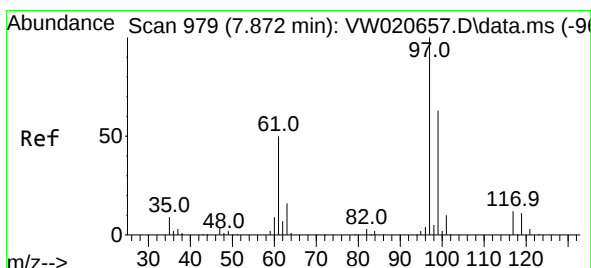
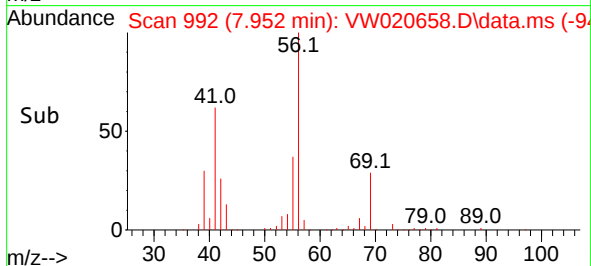
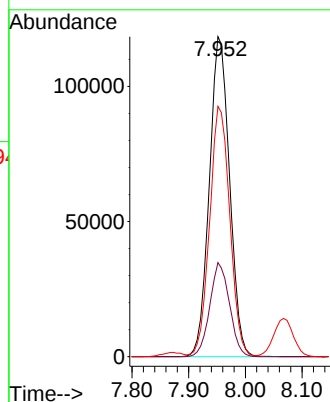


#29
Cyclohexane
Concen: 54.173 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Instrument :
MSVOA_W
ClientSampleId :

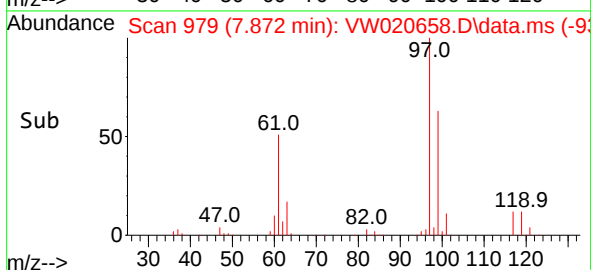
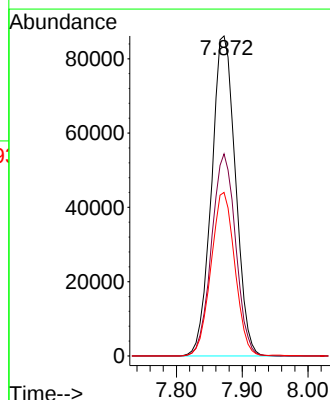
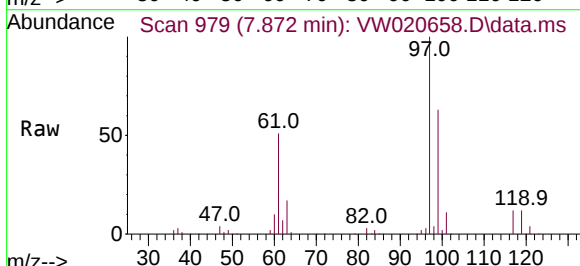


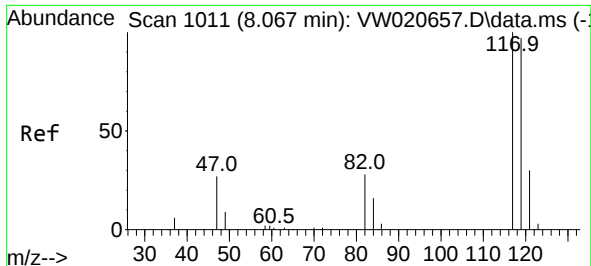
Tgt Ion:	56	Resp:	293143
Ion	Ratio	Lower	Upper
56	100		
69	28.6	23.5	35.3
84	78.1	63.4	95.2



#30
1,1,1-Trichloroethane
Concen: 47.411 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Tgt Ion:	97	Resp:	218528
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.6	77.4
61	50.9	40.9	61.3

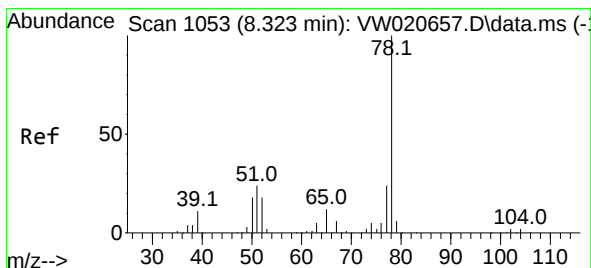
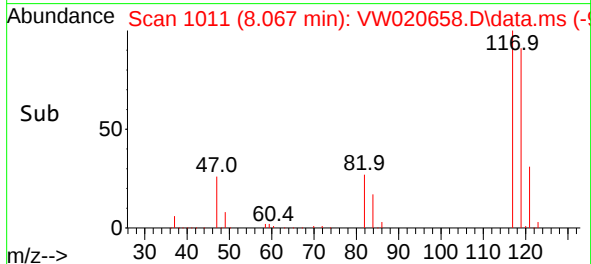
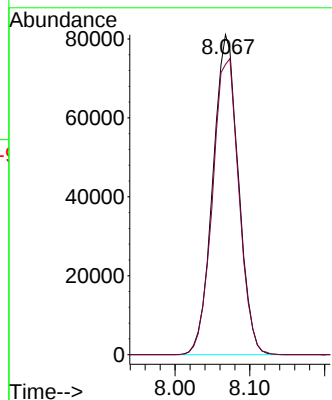
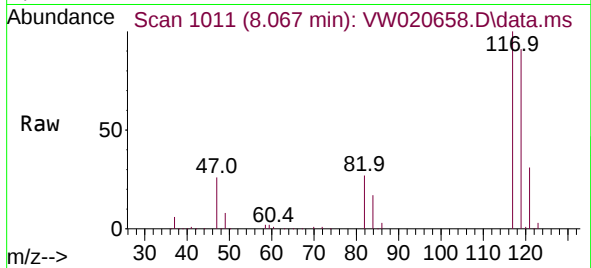




#31
Carbon tetrachloride
Concen: 47.626 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

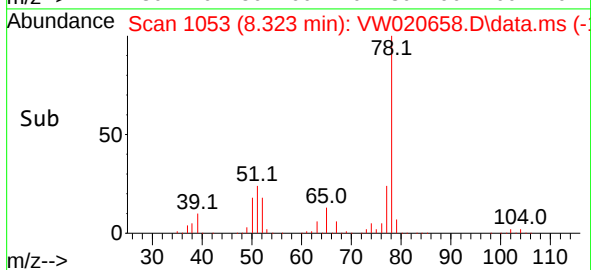
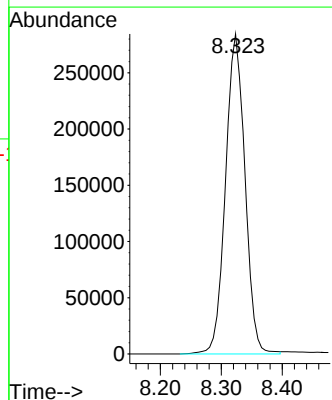
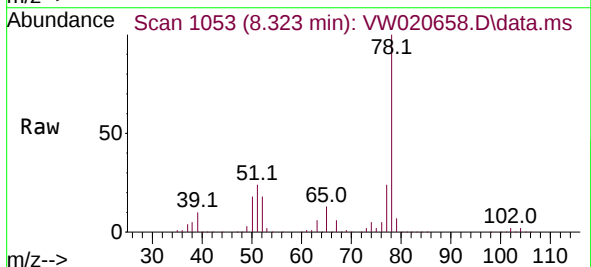
Instrument :
MSVOA_W
ClientSampled :

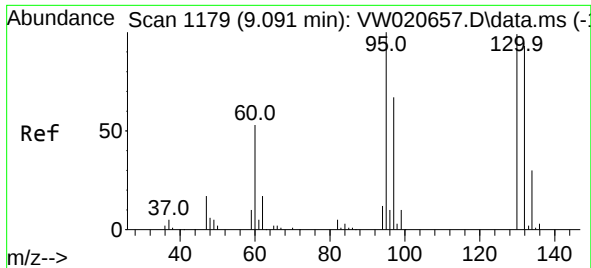
Tgt Ion:117 Resp: 192972
Ion Ratio Lower Upper
117 100
119 95.4 75.7 113.5



#33
Benzene
Concen: 47.744 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Tgt Ion: 78 Resp: 630849

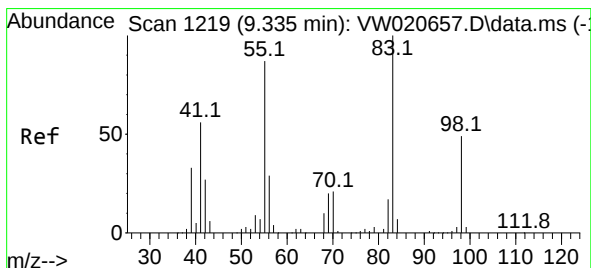
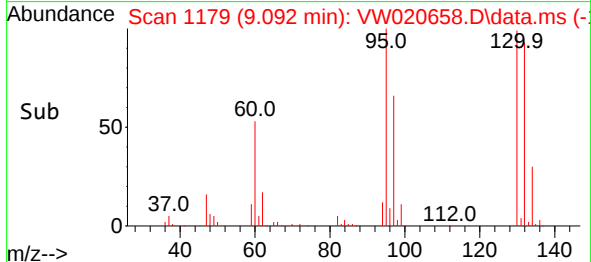
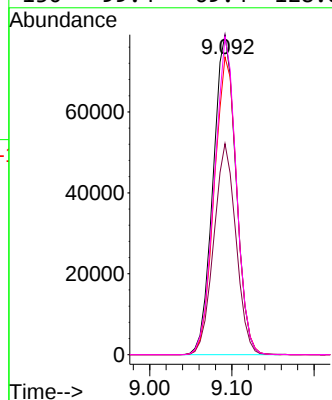
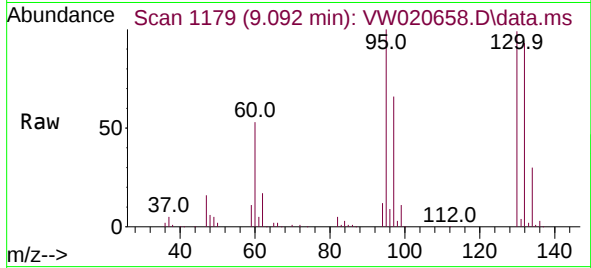




#34
Trichloroethene
Concen: 47.043 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

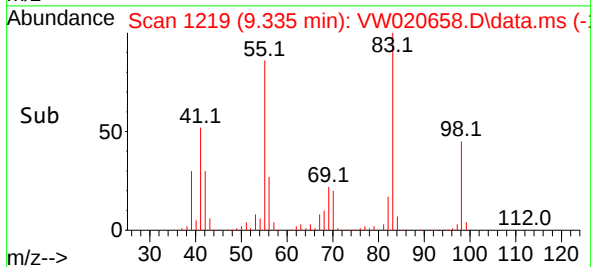
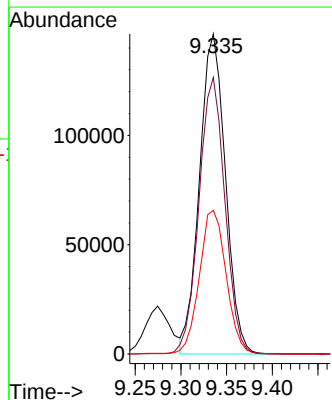
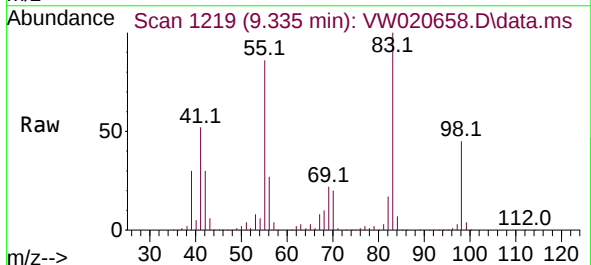
Instrument :
MSVOA_W
ClientSampled :

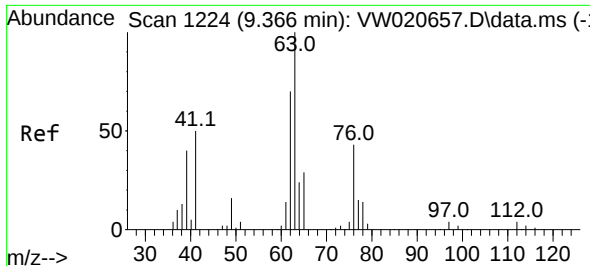
Tgt Ion: 95 Resp: 152424
Ion Ratio Lower Upper
95 100
97 65.9 47.0 87.2
132 93.0 65.5 121.6
130 99.4 69.4 128.8



#35
Methylcyclohexane
Concen: 51.920 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Tgt Ion: 83 Resp: 288387
Ion Ratio Lower Upper
83 100
55 86.5 70.8 106.2
98 46.4 37.7 56.5

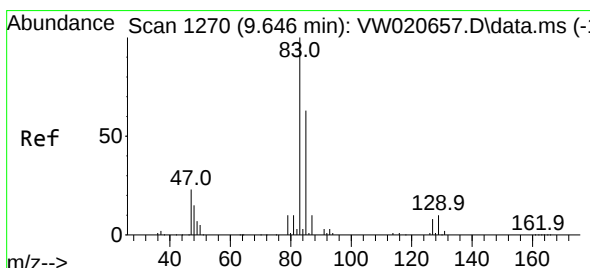
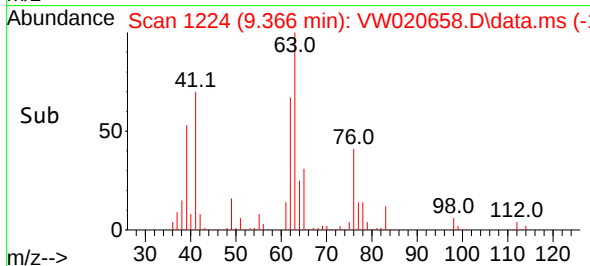
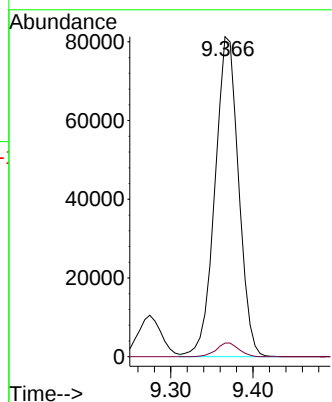
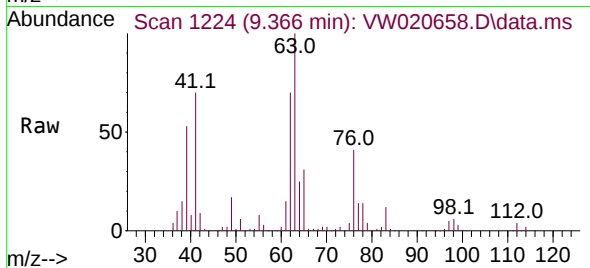




#37
1,2-Dichloropropane
Concen: 47.604 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

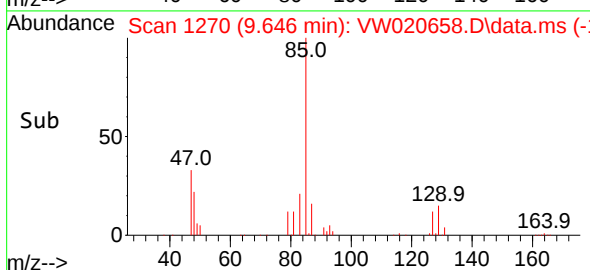
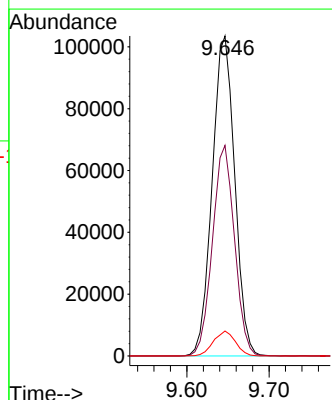
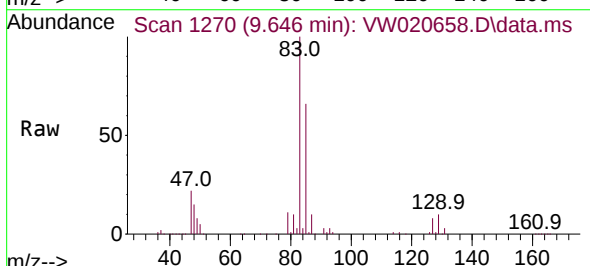
Instrument :
MSVOA_W
ClientSampleId :

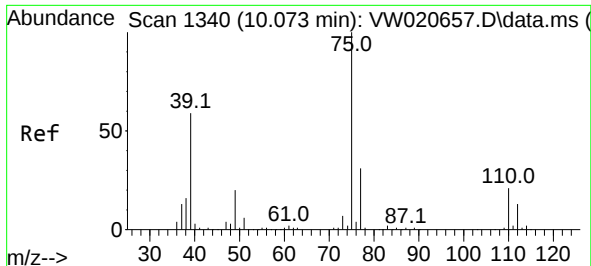
Tgt Ion: 63 Resp: 162557
Ion Ratio Lower Upper
63 100
112 4.1 3.2 4.8



#38
Bromodichloromethane
Concen: 47.911 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Tgt Ion: 83 Resp: 197020
Ion Ratio Lower Upper
83 100
85 65.8 44.1 81.9
127 7.8 6.1 9.1

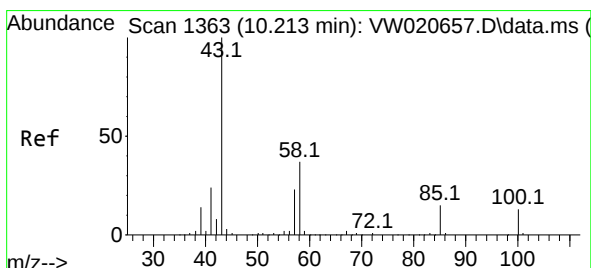
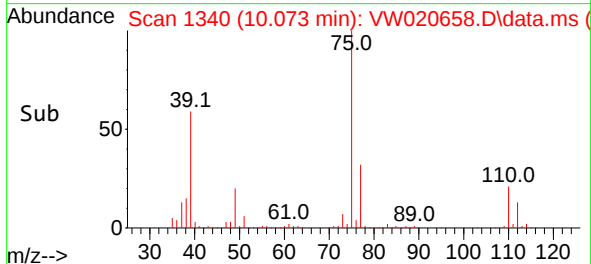
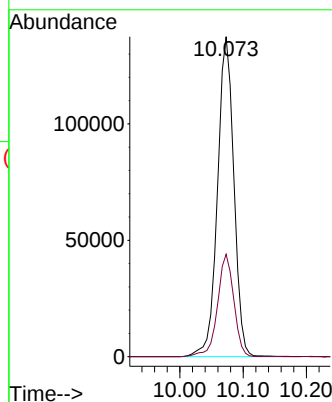
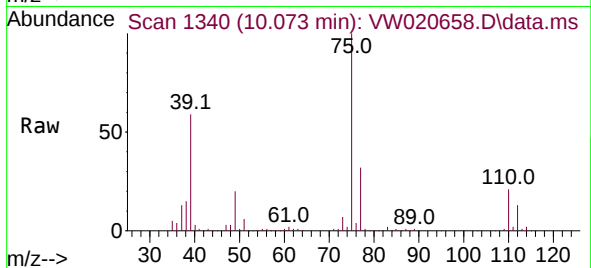




#39
cis-1,3-Dichloropropene
Concen: 52.361 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

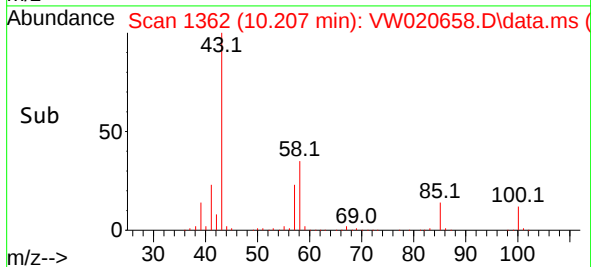
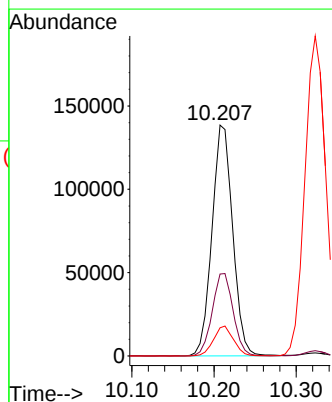
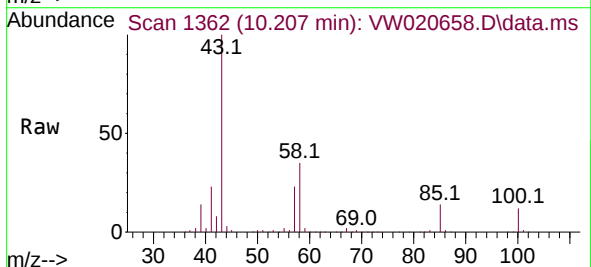
Instrument :
MSVOA_W
ClientSampled :

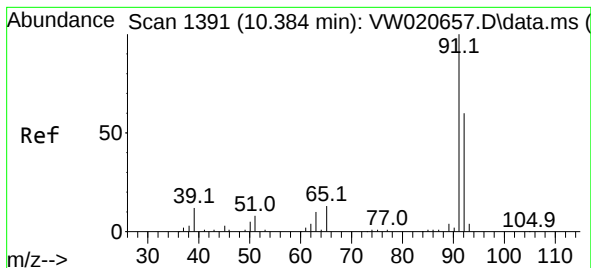
Tgt Ion: 75 Resp: 246423
Ion Ratio Lower Upper
75 100
77 32.0 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 117.727 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Tgt Ion: 43 Resp: 242546
Ion Ratio Lower Upper
43 100
58 36.0 28.8 43.2
100 12.5 10.0 15.0





#42

Toluene

Concen: 49.894 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW020658.D

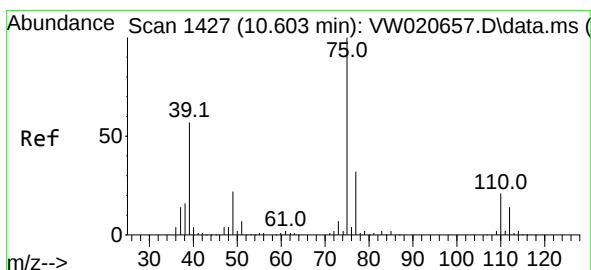
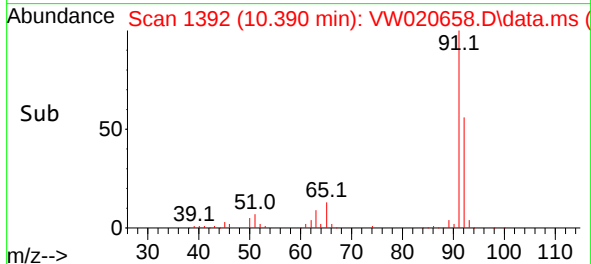
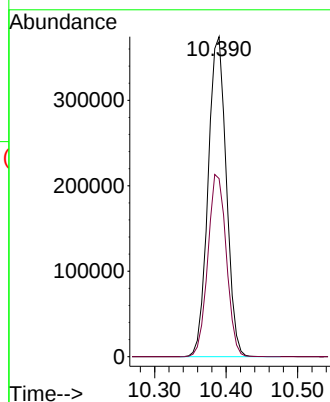
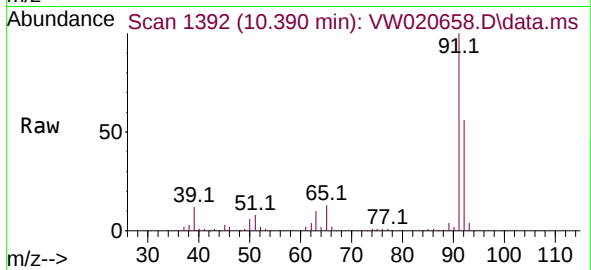
Acq: 21 Oct 2021 09:03

Tgt Ion: 91 Resp: 660589

Ion Ratio Lower Upper

91 100

92 55.7 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 53.396 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW020658.D

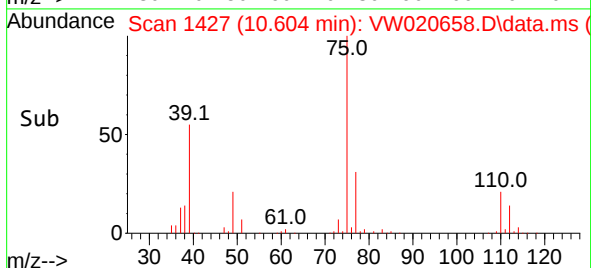
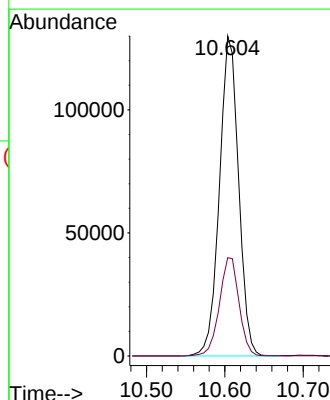
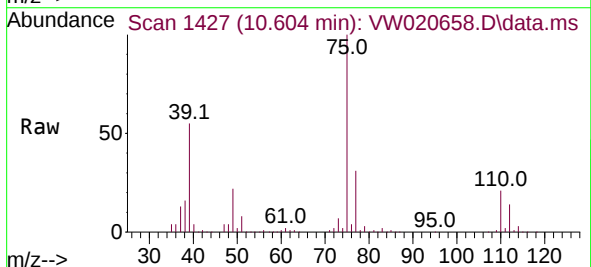
Acq: 21 Oct 2021 09:03

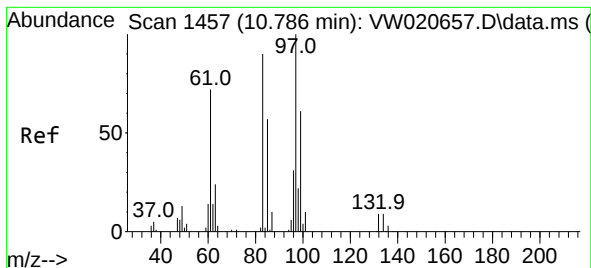
Tgt Ion: 75 Resp: 221196

Ion Ratio Lower Upper

75 100

77 30.7 22.2 41.2

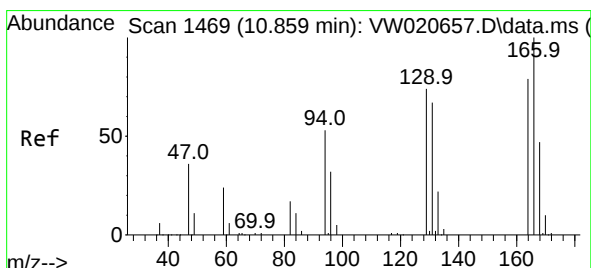
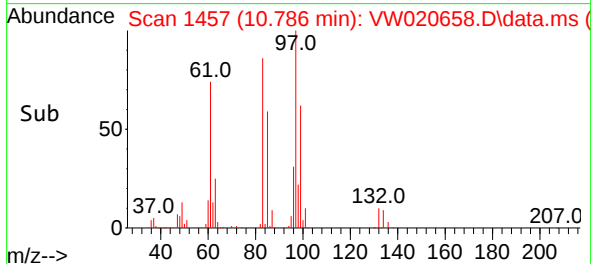
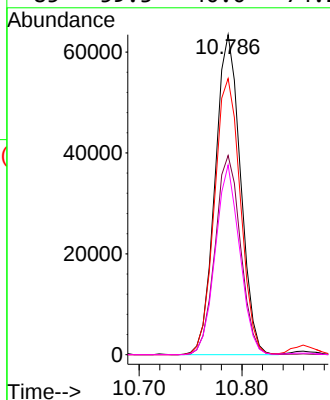
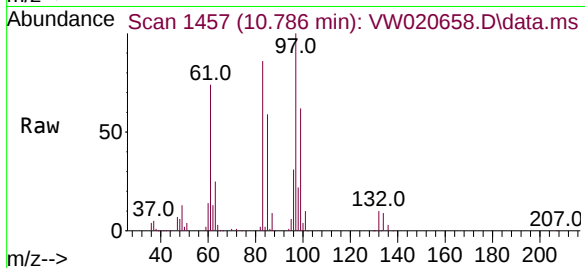




#45
1,1,2-Trichloroethane
Concen: 49.610 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

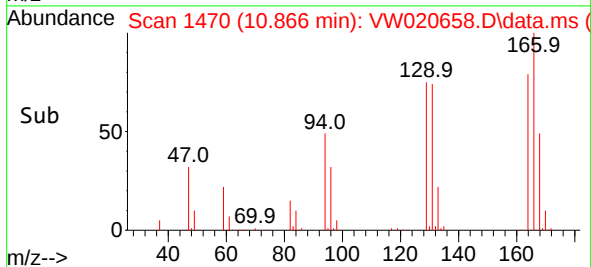
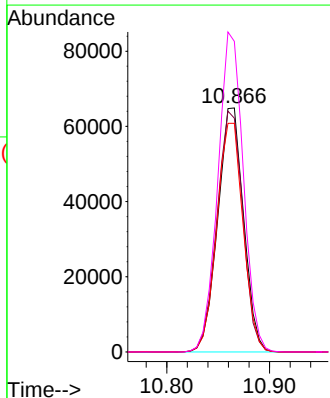
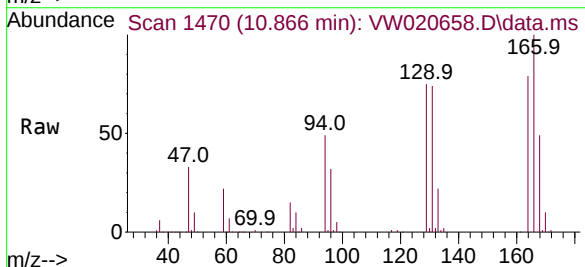
Instrument :
MSVOA_W
ClientSampleId :

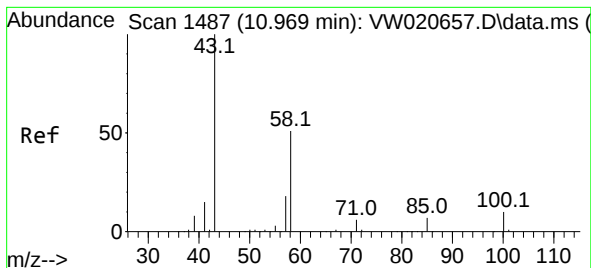
Tgt Ion:	97	Resp:	108955
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.0	79.8
83	86.3	62.6	116.3
85	59.3	40.0	74.2



#46
Tetrachloroethene
Concen: 48.434 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Tgt Ion:	164	Resp:	113408
Ion	Ratio	Lower	Upper
164	100		
129	95.8	65.5	121.7
131	93.7	59.7	110.9
166	127.2	88.7	164.7

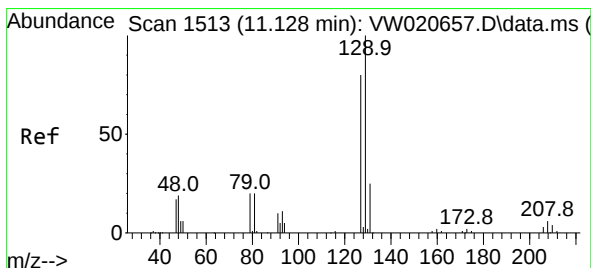
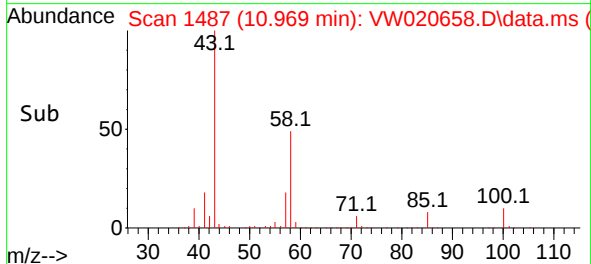
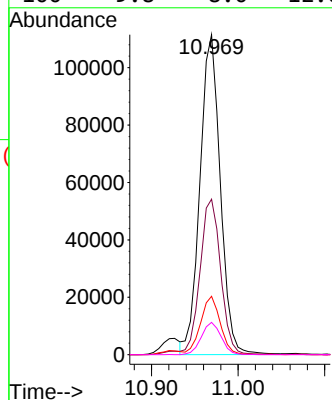
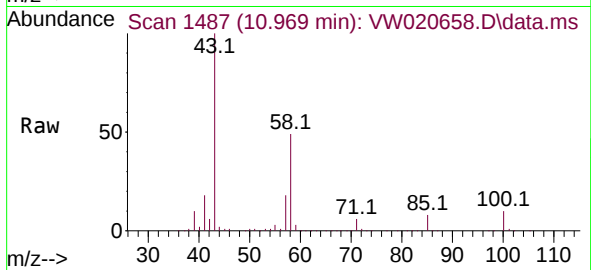




#48
2-Hexanone
Concen: 121.005 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

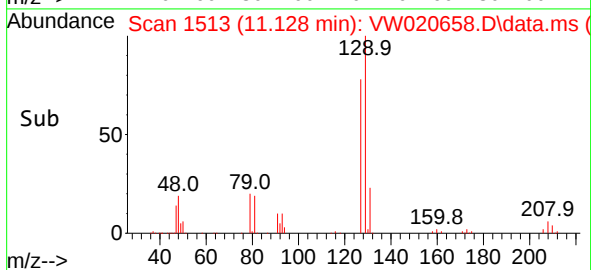
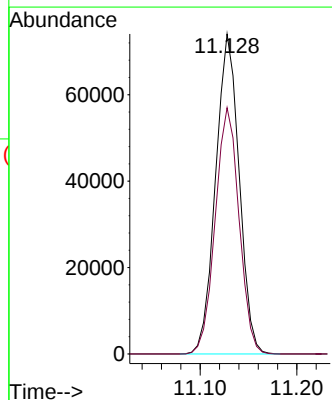
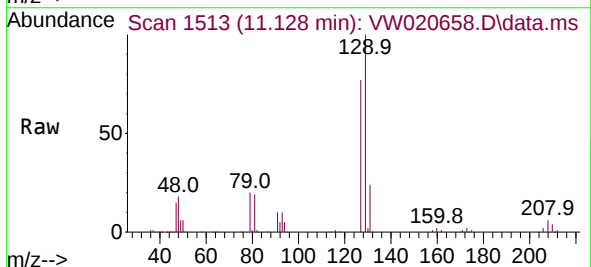
Instrument :
MSVOA_W
ClientSampled :

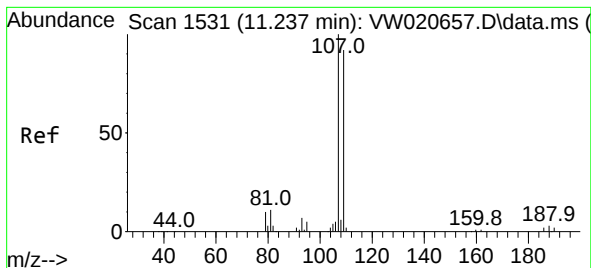
Tgt Ion: 43 Resp: 182205
Ion Ratio Lower Upper
43 100
58 49.2 40.2 60.2
57 17.7 14.3 21.5
100 9.8 8.0 12.0



#49
Dibromochloromethane
Concen: 51.914 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

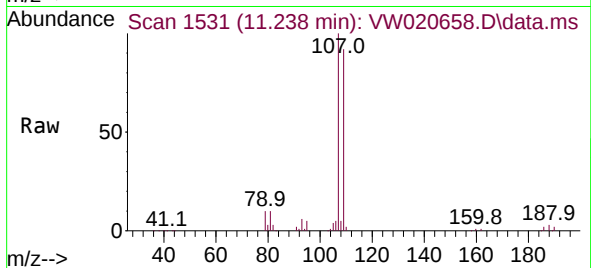
Tgt Ion: 129 Resp: 125199
Ion Ratio Lower Upper
129 100
127 76.9 55.7 103.5



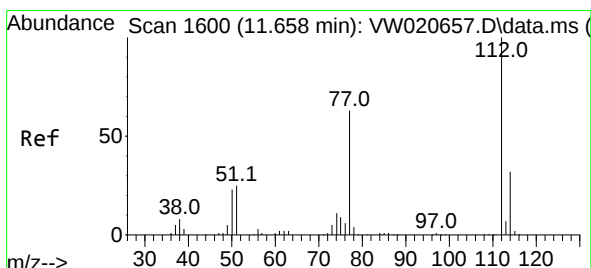
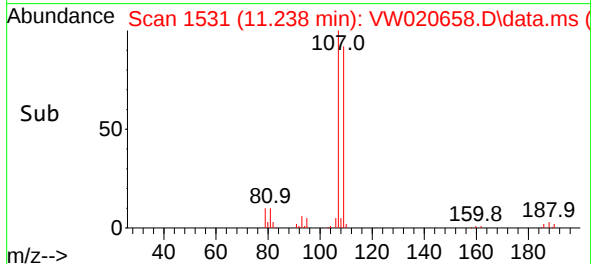
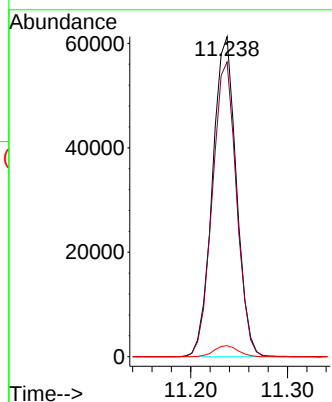


#50
1,2-Dibromoethane
Concen: 52.025 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Instrument :
MSVOA_W
ClientSampleId :

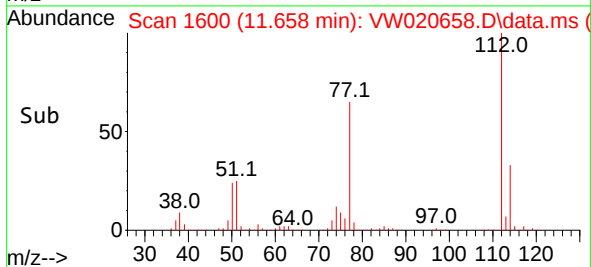
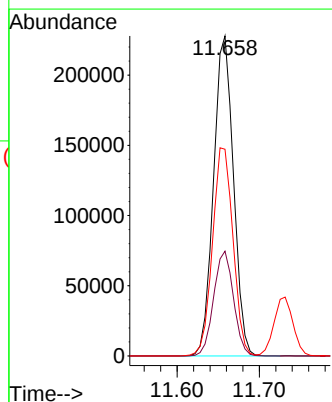
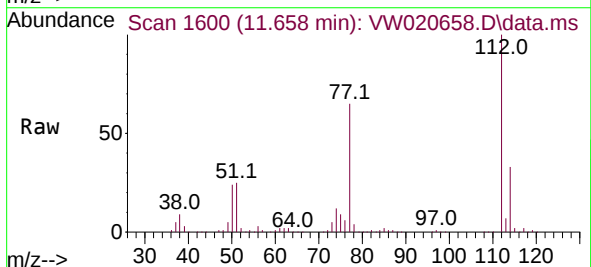


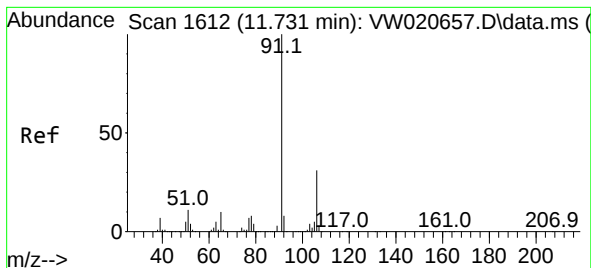
Tgt Ion:107 Resp: 104949
Ion Ratio Lower Upper
107 100
109 92.1 64.1 119.1
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 46.952 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Tgt Ion:112 Resp: 383321
Ion Ratio Lower Upper
112 100
114 32.8 22.4 41.6
77 64.6 50.2 75.4

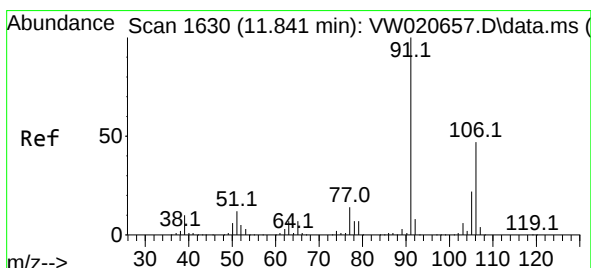
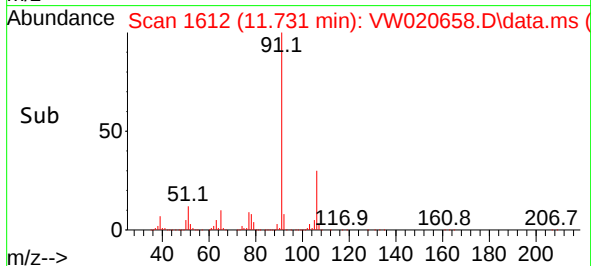
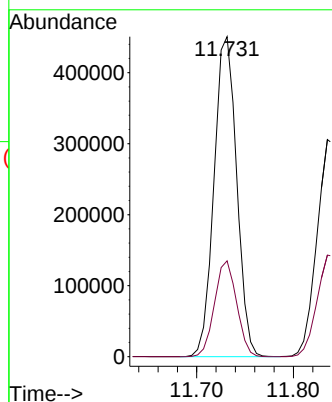
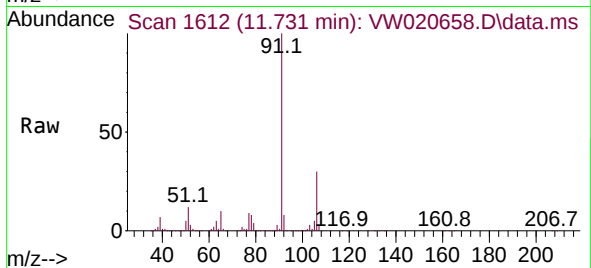




#52
Ethylbenzene
Concen: 51.088 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

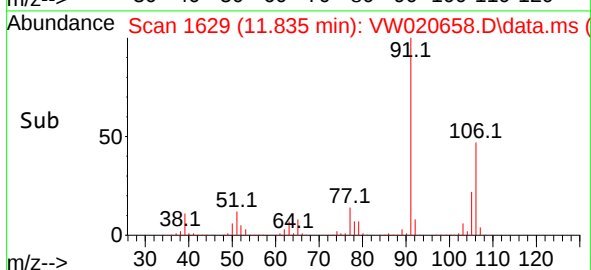
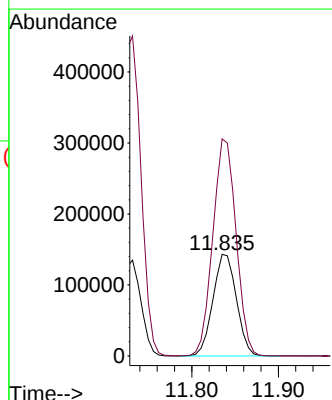
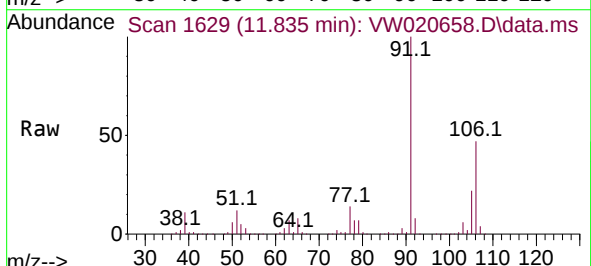
Instrument :
MSVOA_W
ClientSampled :

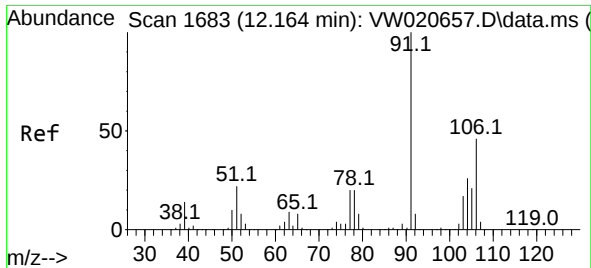
Tgt Ion: 91 Resp: 732642
Ion Ratio Lower Upper
91 100
106 29.9 21.5 39.9



#53
m,p-Xylene
Concen: 50.509 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Tgt Ion:106 Resp: 269250
Ion Ratio Lower Upper
106 100
91 213.7 149.9 278.3

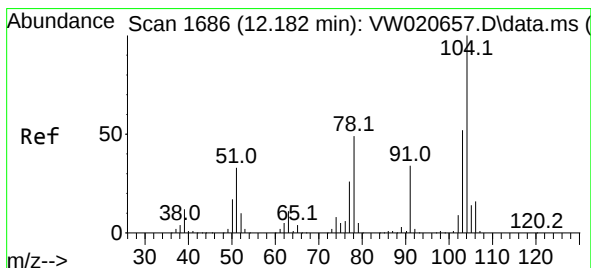
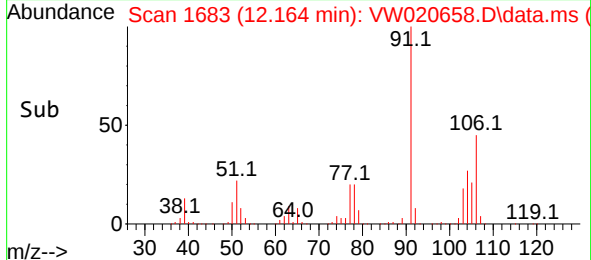
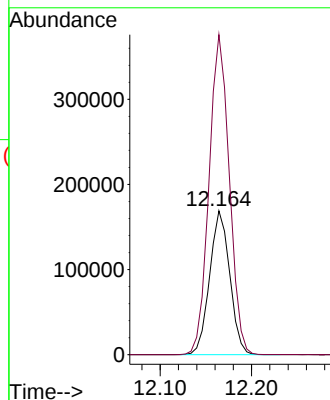
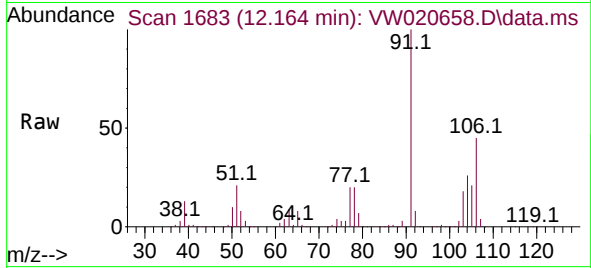




#54
o-Xylene
Concen: 52.500 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

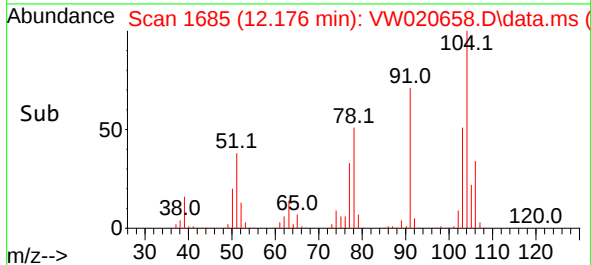
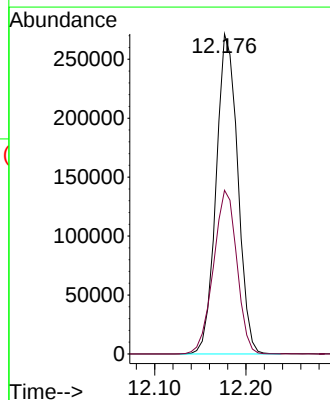
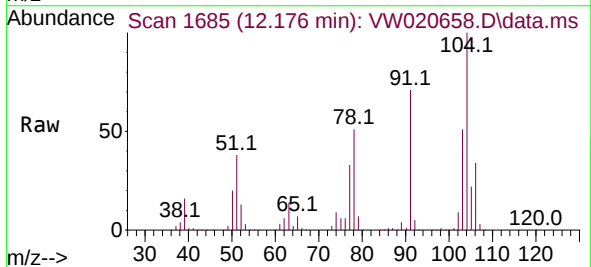
Instrument :
MSVOA_W
ClientSampled :

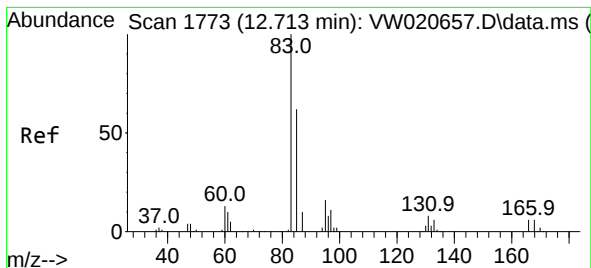
Tgt Ion:106 Resp: 257889
Ion Ratio Lower Upper
106 100
91 222.5 153.6 285.3



#55
Styrene
Concen: 51.592 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Tgt Ion:104 Resp: 445983
Ion Ratio Lower Upper
104 100
78 51.1 34.4 64.0

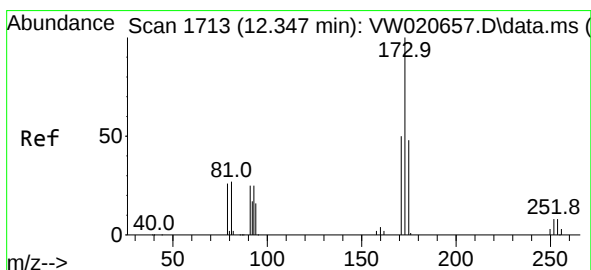
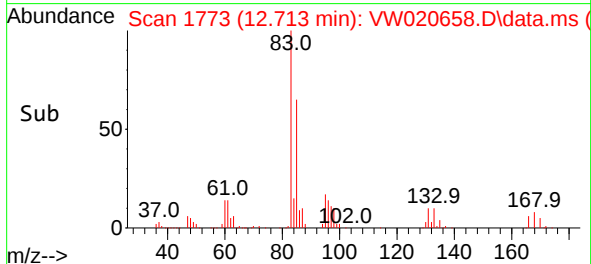
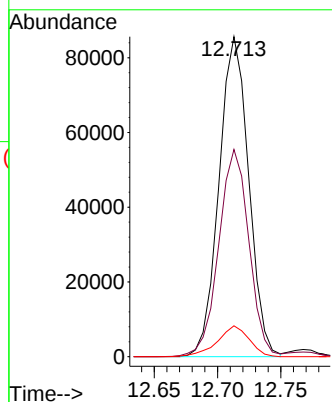
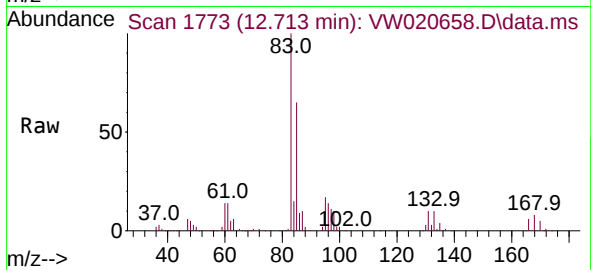




#57
1,1,2,2-Tetrachloroethane
Concen: 51.202 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

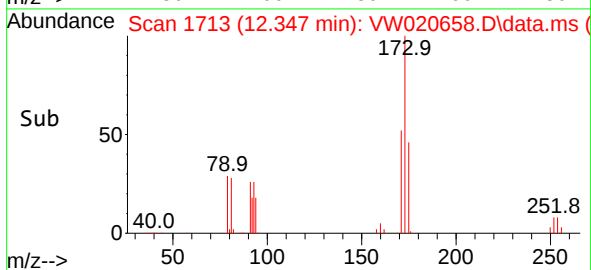
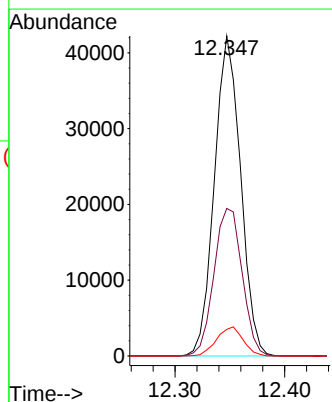
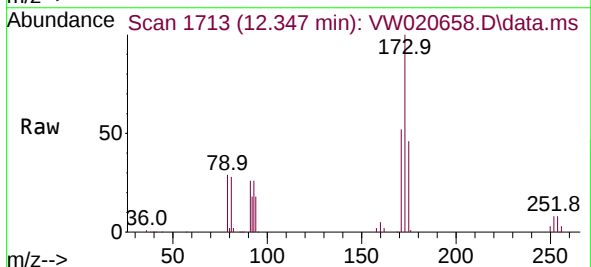
Instrument :
MSVOA_W
ClientSampleId :

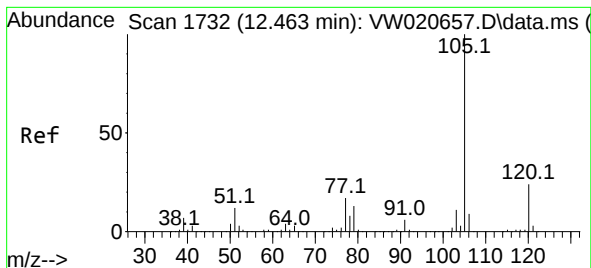
Tgt Ion: 83 Resp: 139672
Ion Ratio Lower Upper
83 100
85 64.7 44.0 81.6
131 9.6 6.9 10.3



#59
Bromoform
Concen: 51.464 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Tgt Ion:173 Resp: 70109
Ion Ratio Lower Upper
173 100
175 49.6 39.6 59.4
254 9.2 7.4 11.0

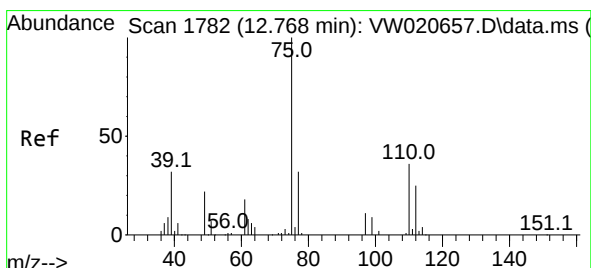
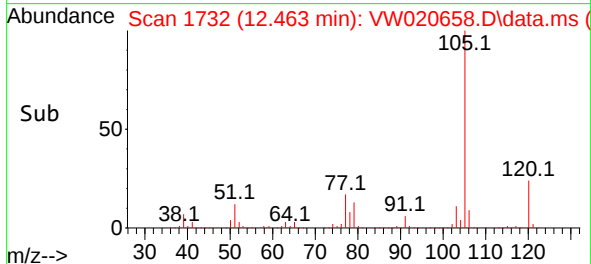
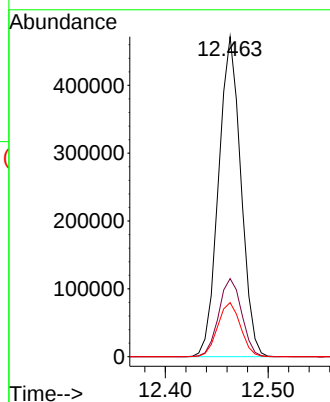
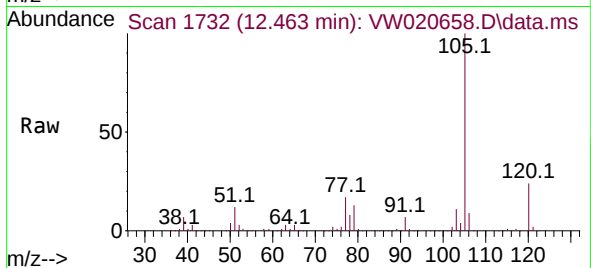




#60
Isopropylbenzene
Concen: 50.473 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

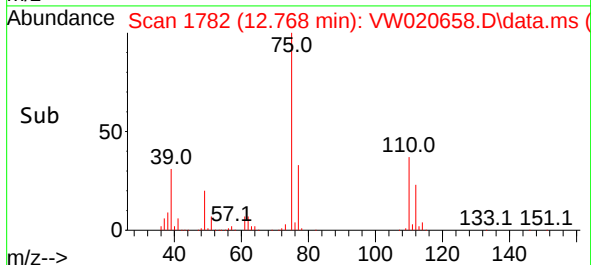
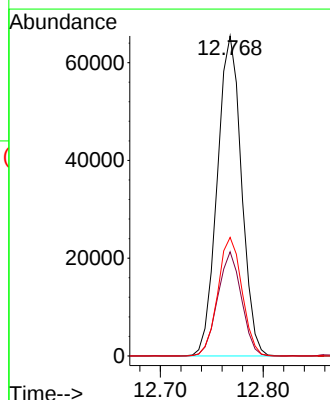
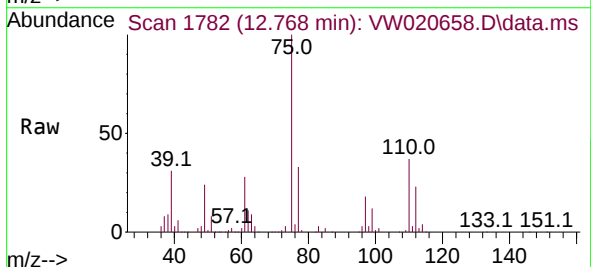
Instrument :
MSVOA_W
ClientSampled :

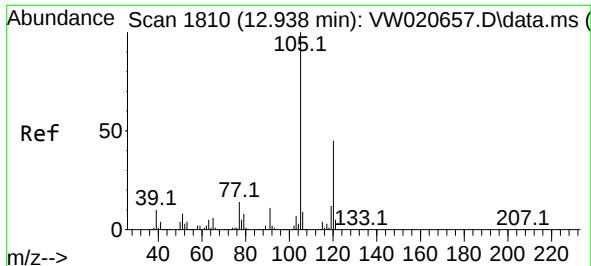
Tgt Ion:105 Resp: 711601
Ion Ratio Lower Upper
105 100
120 25.1 20.1 30.1
77 17.3 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 50.301 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Tgt Ion: 75 Resp: 107209
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8
110 36.9 29.0 43.4

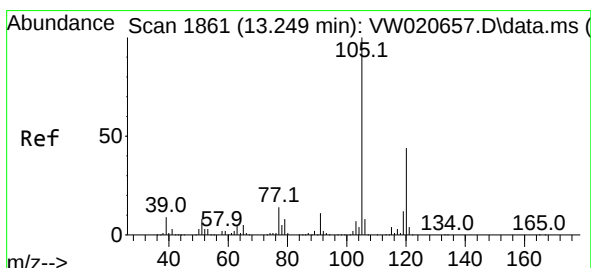
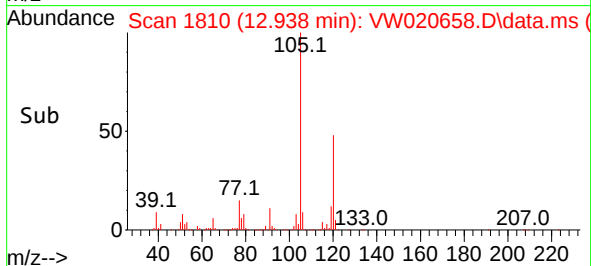
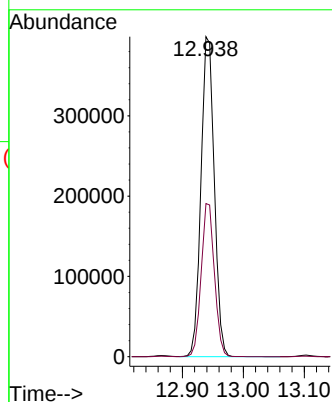
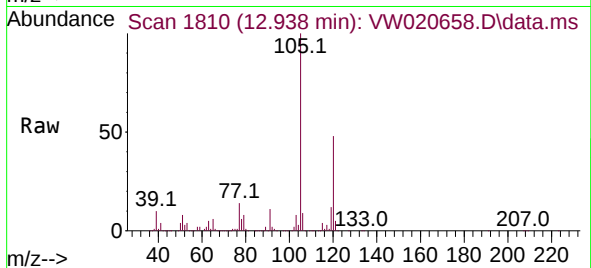




#62
1,3,5-Trimethylbenzene
Concen: 52.338 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

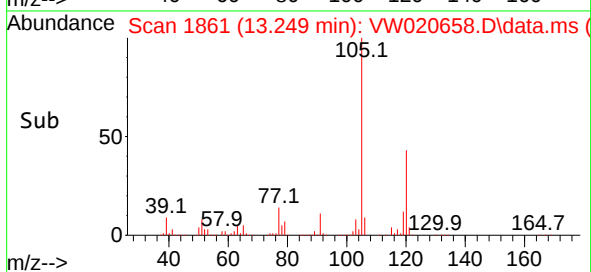
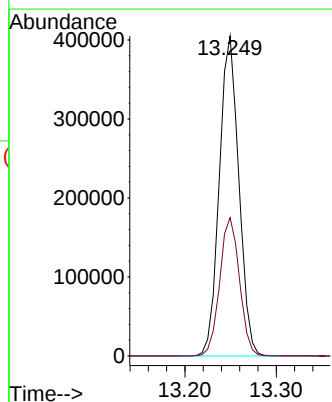
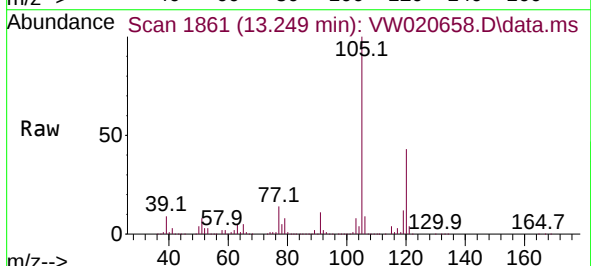
Instrument :
MSVOA_W
ClientSampled :

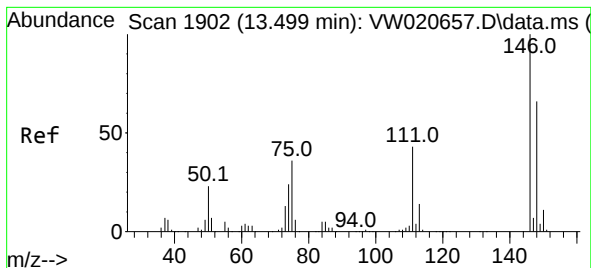
Tgt Ion:105 Resp: 604741
Ion Ratio Lower Upper
105 100
120 47.6 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 52.549 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Tgt Ion:105 Resp: 601976
Ion Ratio Lower Upper
105 100
120 43.6 35.0 52.6

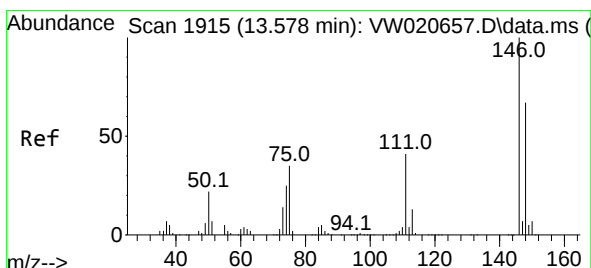
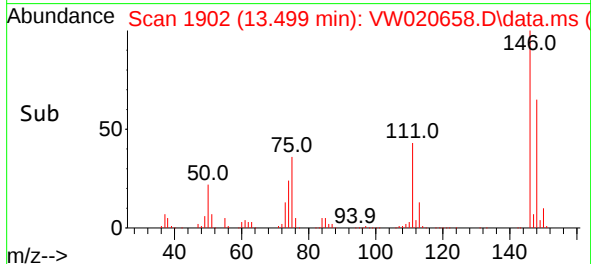
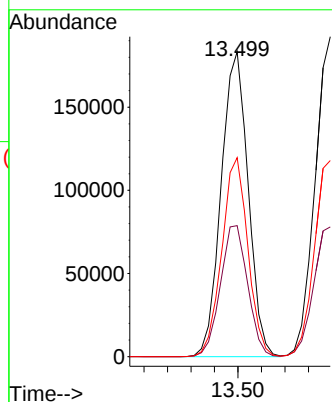
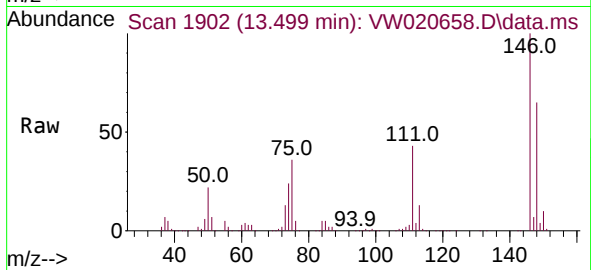




#64
1,3-Dichlorobenzene
Concen: 47.641 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

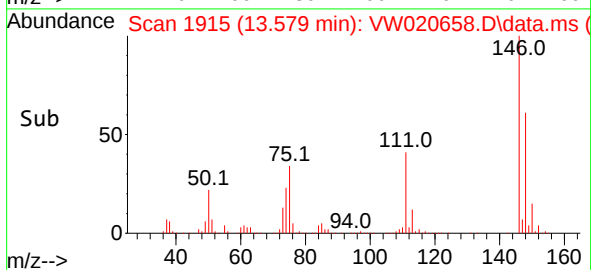
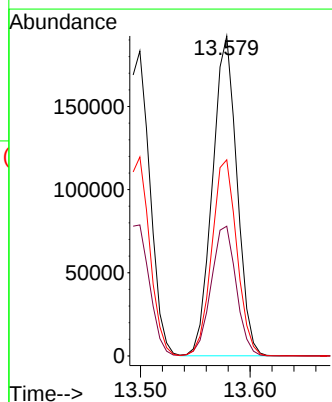
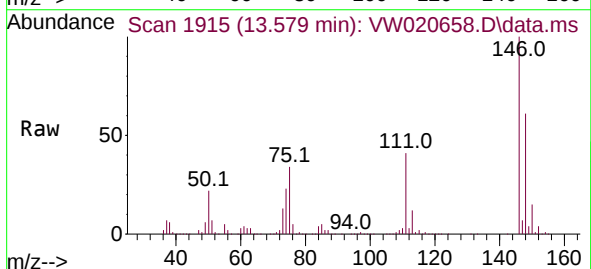
Instrument :
MSVOA_W
ClientSampled :

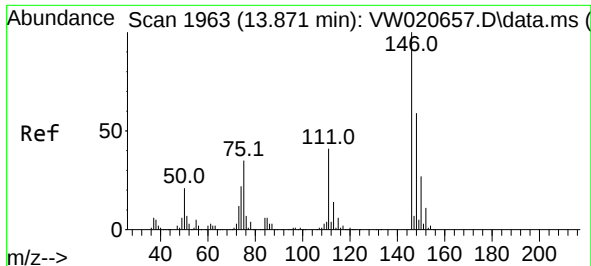
Tgt Ion:146 Resp: 292314
Ion Ratio Lower Upper
146 100
111 43.0 29.8 55.3
148 65.2 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 47.187 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Tgt Ion:146 Resp: 299286
Ion Ratio Lower Upper
146 100
111 40.5 29.0 53.9
148 61.3 46.9 87.1

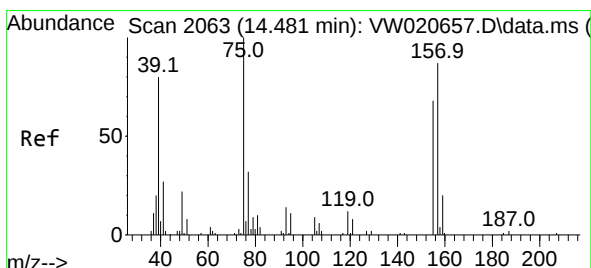
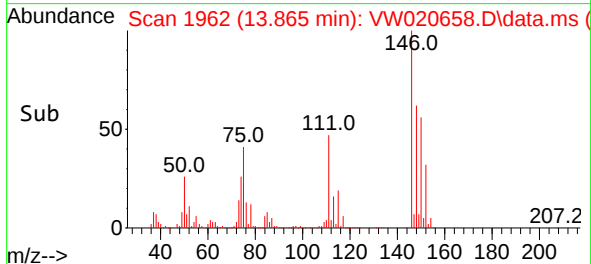
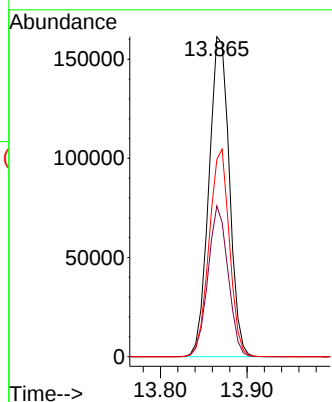
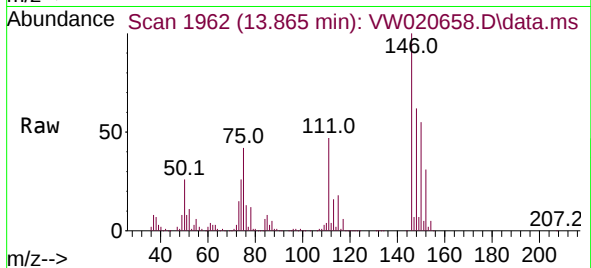




#67
1,2-Dichlorobenzene
Concen: 47.043 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

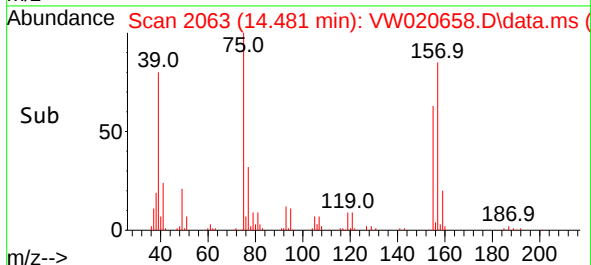
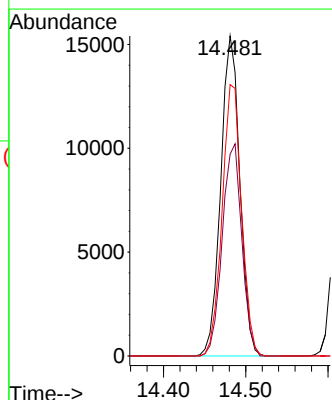
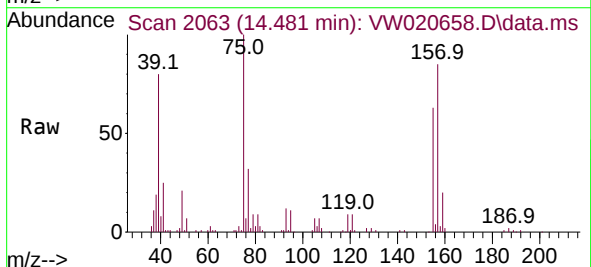
Instrument :
MSVOA_W
ClientSampleId :

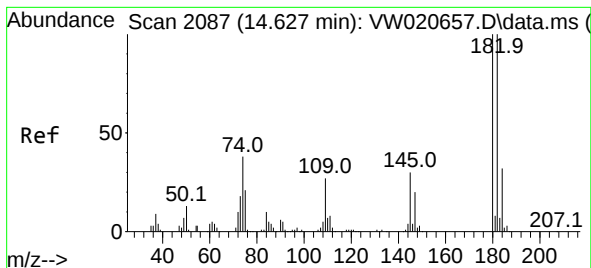
Tgt Ion:146 Resp: 264852
Ion Ratio Lower Upper
146 100
111 47.1 33.1 49.7
148 61.6 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 54.294 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

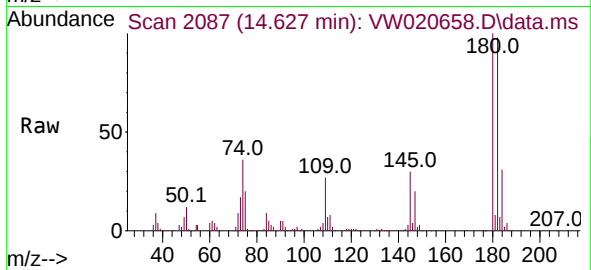
Tgt Ion: 75 Resp: 24920
Ion Ratio Lower Upper
75 100
155 63.1 54.2 81.2
157 84.8 69.4 104.2



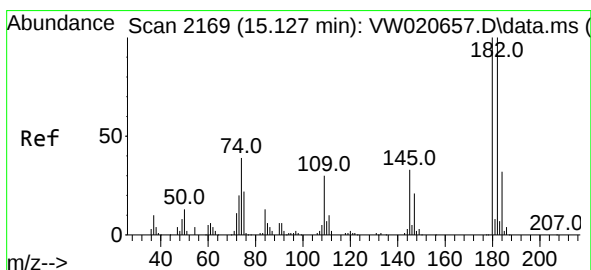
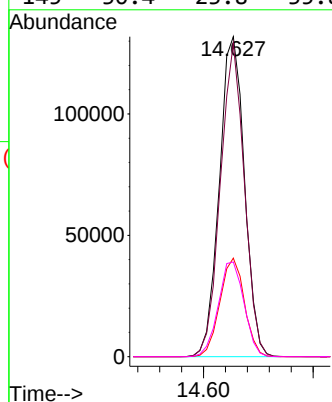
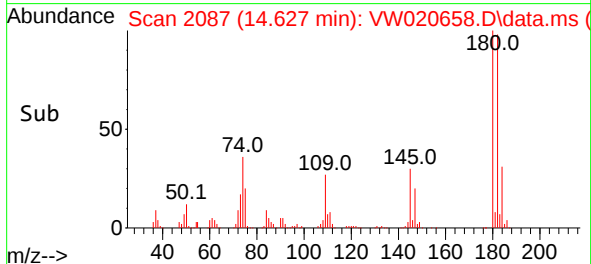


#69
1,3,5-Trichlorobenzene
Concen: 47.909 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

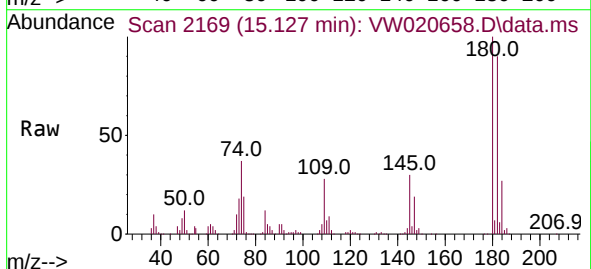
Instrument :
MSVOA_W
ClientSampleId :



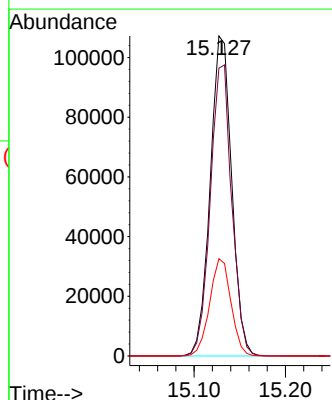
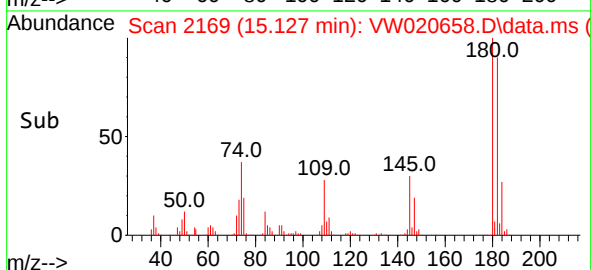
Tgt Ion:180 Resp: 209572
Ion Ratio Lower Upper
180 100
182 93.3 75.4 113.0
184 30.1 23.8 35.8
145 30.4 23.8 35.8

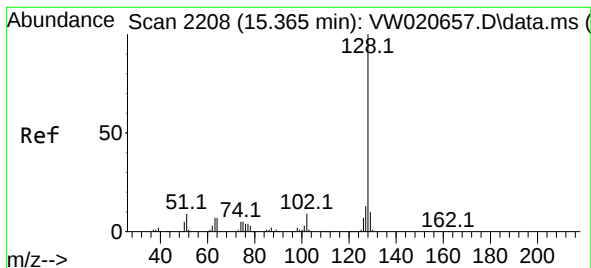


#70
1,2,4-trichlorobenzene
Concen: 51.035 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03



Tgt Ion:180 Resp: 175092
Ion Ratio Lower Upper
180 100
182 90.7 79.0 118.6
145 30.1 26.0 39.0

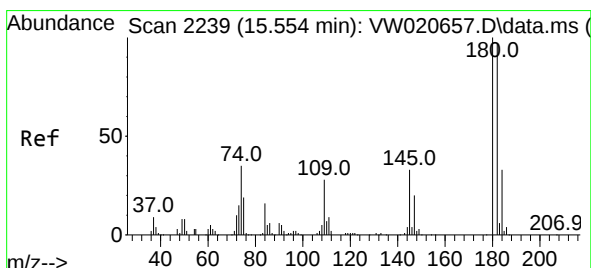
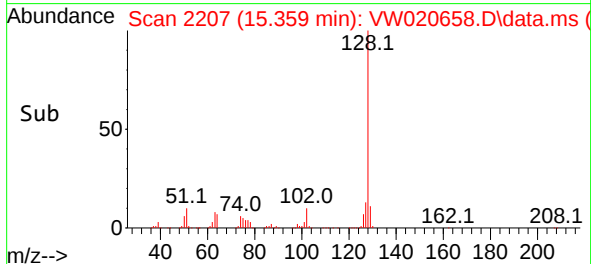
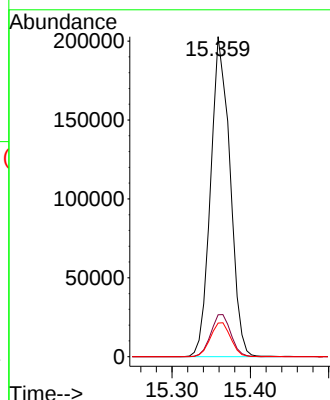
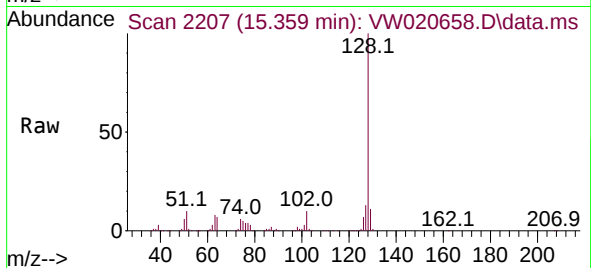




#71
Naphthalene
Concen: 55.556 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 349120
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.1 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 49.794 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020658.D
Acq: 21 Oct 2021 09:03

Tgt Ion:180 Resp: 152083
Ion Ratio Lower Upper
180 100
182 94.6 76.6 114.8
145 32.3 27.4 41.0

