

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061821\
 Data File : VX022763.D
 Acq On : 18 Jun 2021 13:26
 Operator : JC/MD
 Sample : M2750-19DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178D-20210616DL

Quant Time: Jun 19 01:43:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

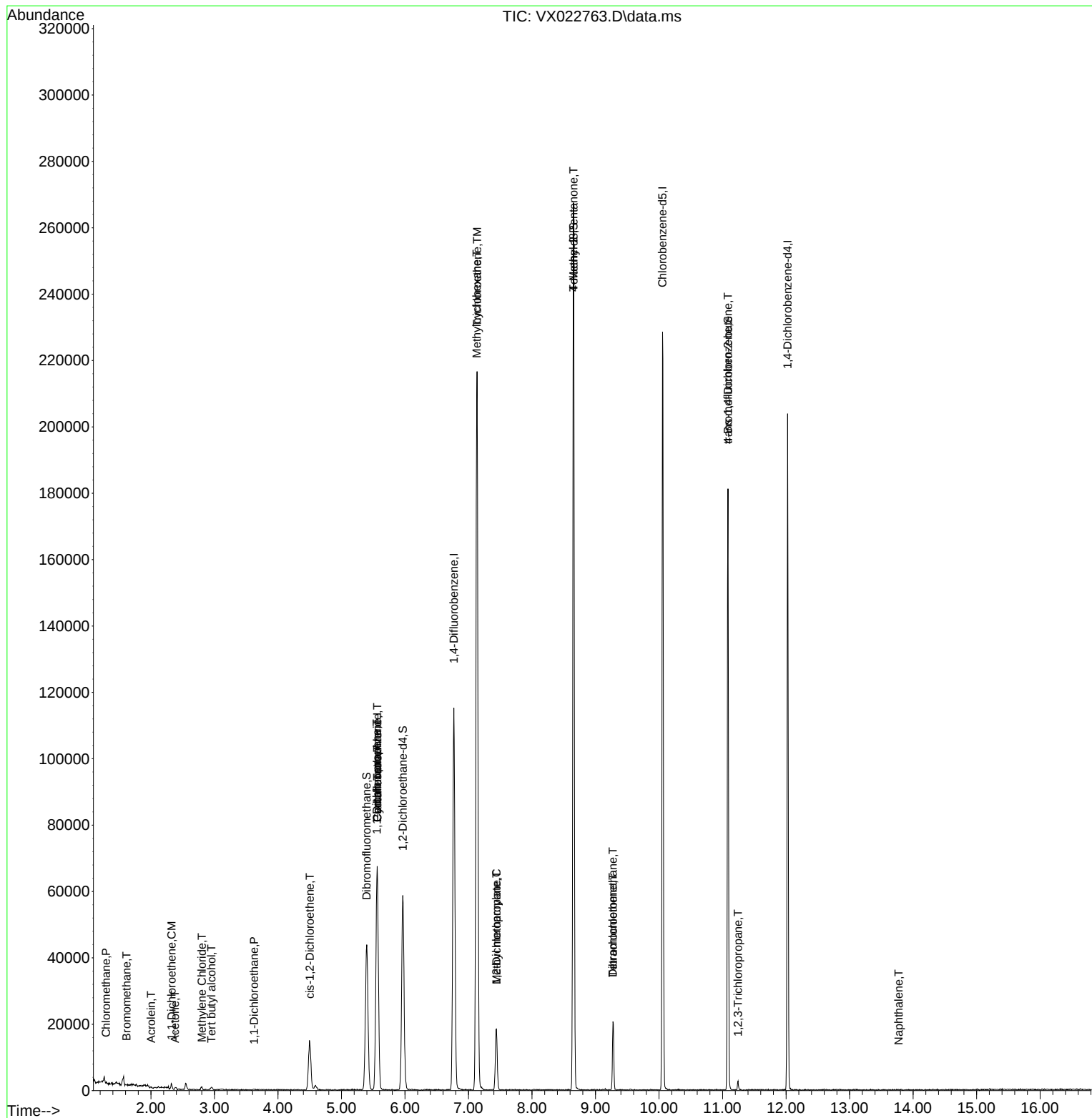
Internal Standards						
1) Pentafluorobenzene	5.562	168	55008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	109851	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	33818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53121	53.695	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.400%	
35) Dibromofluoromethane	5.397	113	37215	53.098	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.200%	
50) Toluene-d8	8.653	98	147933	53.543	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.080%	
62) 4-Bromofluorobenzene	11.085	95	48875	46.774	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	176	0.226	ug/l #	42
5) Bromomethane	1.618	94	123	0.295	ug/l #	77
11) Tert butyl alcohol	2.953	59	467	2.039	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	397	0.594	ug/l	94
13) Acrolein	2.002	56	24	0.250	ug/l #	74
16) Acetone	2.380	43	686	1.549	ug/l #	80
20) Methylene Chloride	2.800	84	416	0.210	ug/l #	84
24) 1,1-Dichloroethane	3.623	63	432	0.291	ug/l #	81
27) cis-1,2-Dichloroethene	4.501	96	9227	10.234	ug/l	87
31) Cyclohexane	5.562	56	1839	1.541	ug/l #	59
36) 1,1-Dichloropropene	5.556	75	5737	5.242	ug/l #	46
38) Carbon Tetrachloride	5.562	117	6754	7.214	ug/l #	14
39) Methylcyclohexane	7.129	83	939	0.822	ug/l #	1
44) Trichloroethene	7.135	130	76545	100.134	ug/l	94
45) 1,2-Dichloropropane	7.440	63	7447	8.476	ug/l #	84
48) Methyl methacrylate	7.440	41	4128	3.914	ug/l #	20
51) 4-Methyl-2-Pentanone	8.653	43	837	0.600	ug/l #	1
60) Dibromochloromethane	9.275	129	3742	7.472	ug/l #	11
64) Tetrachloroethene	9.275	164	3275	5.423	ug/l	87
76) 1,2,3-Trichloropropane	11.244	75	932	1.039	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.085	75	25808	71.564	ug/l #	12
95) Naphthalene	13.774	128	20	1.481	ug/l #	69

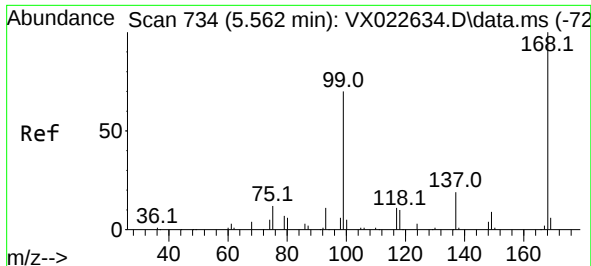
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration

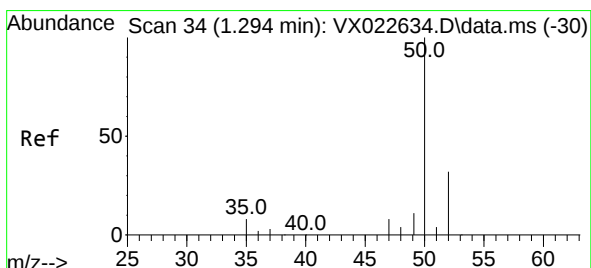
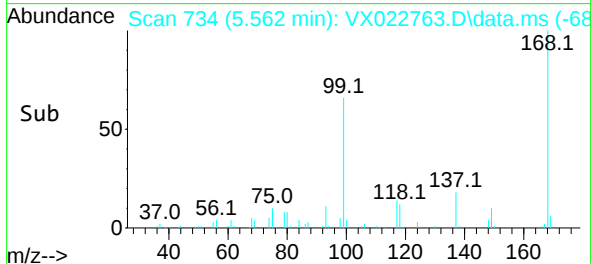
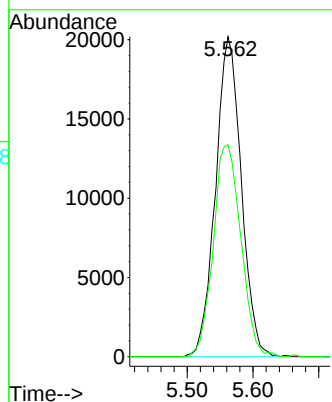
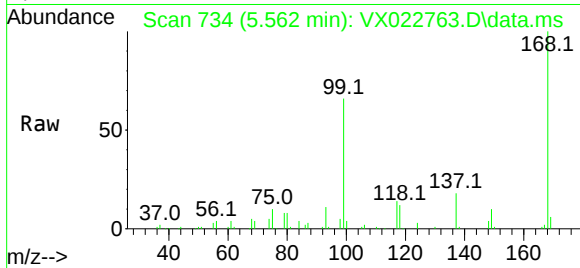




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

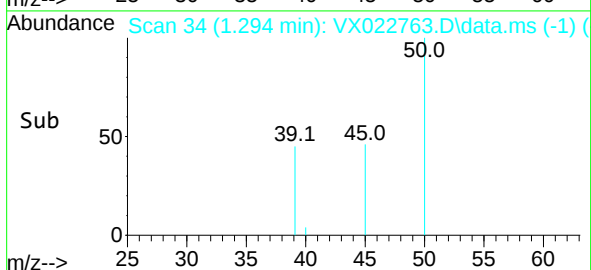
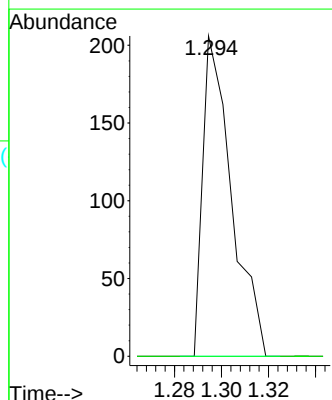
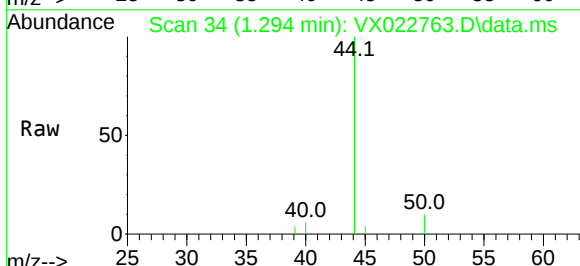
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ClientSampleId :
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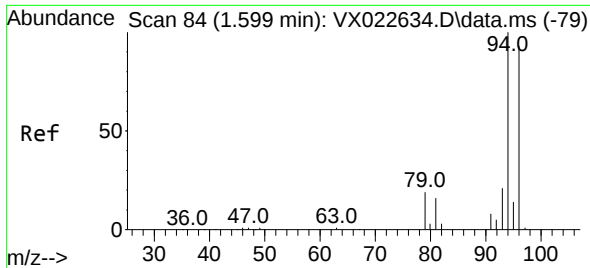
Tgt Ion:168 Resp: 55008
Ion Ratio Lower Upper
168 100
99 66.3 45.8 68.6



#3
Chloromethane
Concen: 0.226 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

Tgt Ion: 50 Resp: 176
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

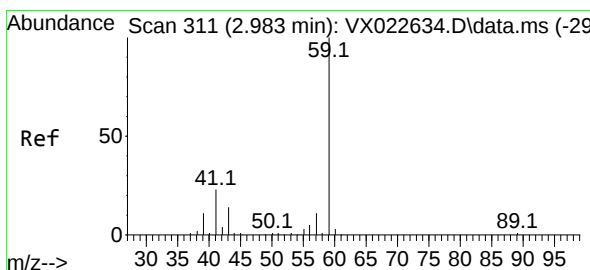
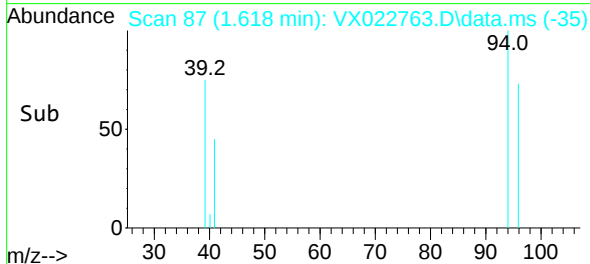
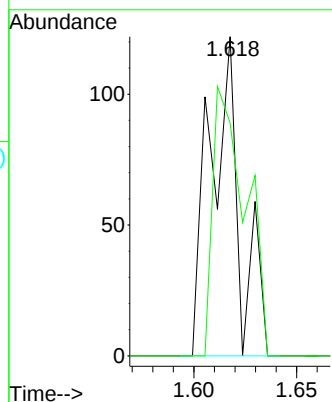
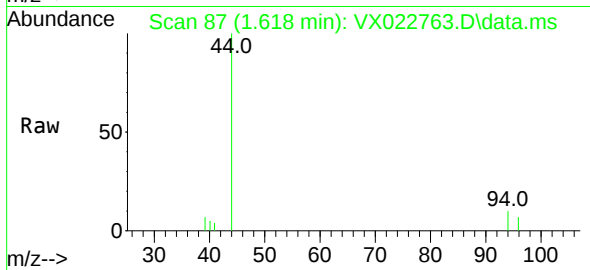




#5
Bromomethane
Concen: 0.295 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

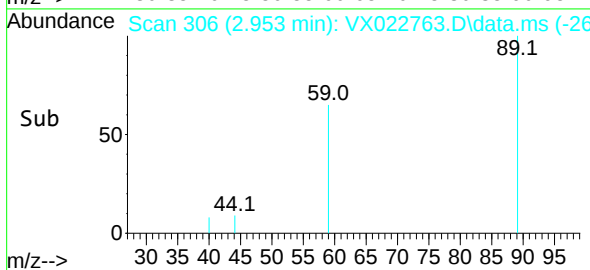
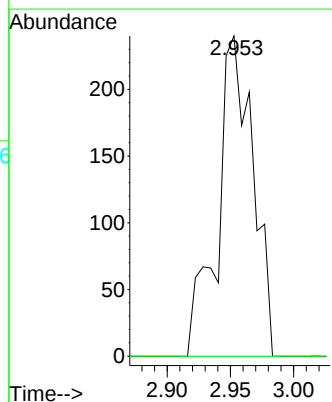
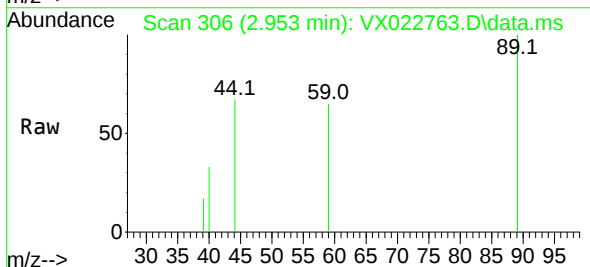
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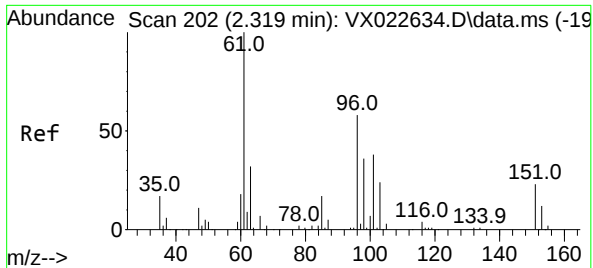
Tgt Ion: 94 Resp: 123
Ion Ratio Lower Upper
94 100
96 73.0 76.4 114.6#



#11
Tert butyl alcohol
Concen: 2.039 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

Tgt Ion: 59 Resp: 467
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

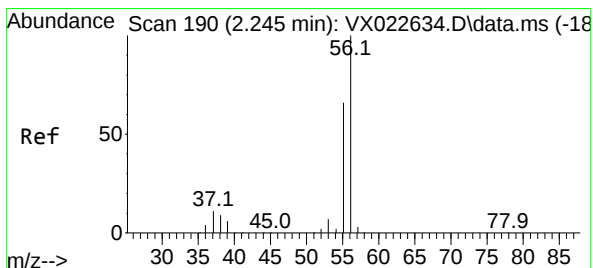
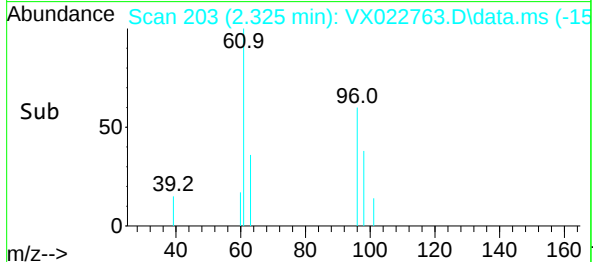
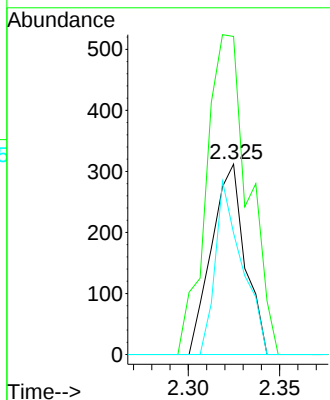
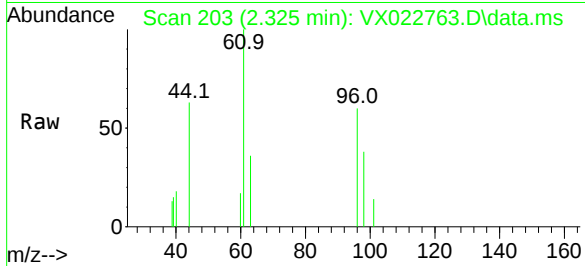




#12
1,1-Dichloroethene
Concen: 0.594 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

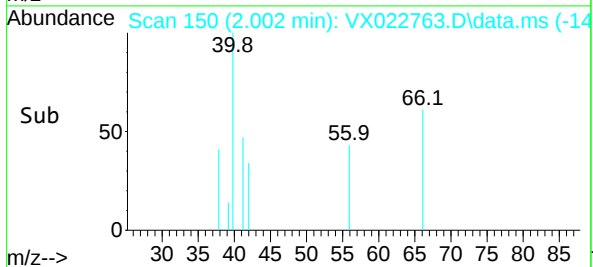
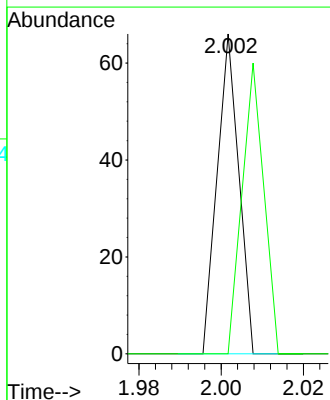
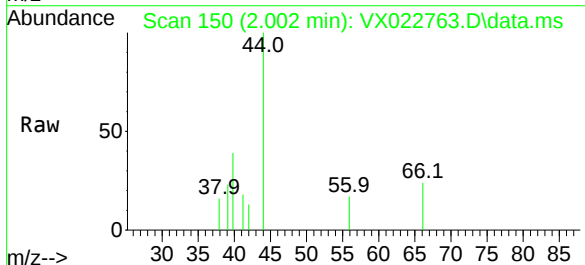
Instrument :
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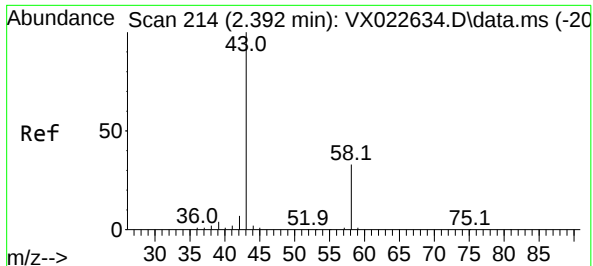
Tgt Ion: 96 Resp: 397
Ion Ratio Lower Upper
96 100
61 167.0 124.6 187.0
98 63.8 50.6 76.0



#13
Acrolein
Concen: 0.250 ug/l
RT: 2.002 min Scan# 150
Delta R.T. -0.237 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 91.7 56.4 84.6#

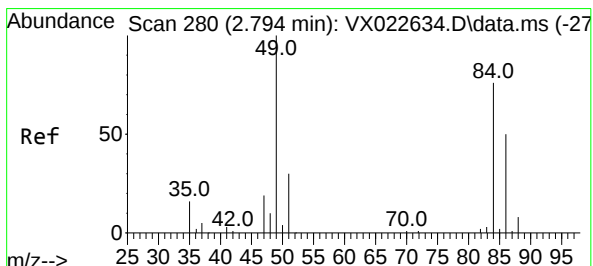
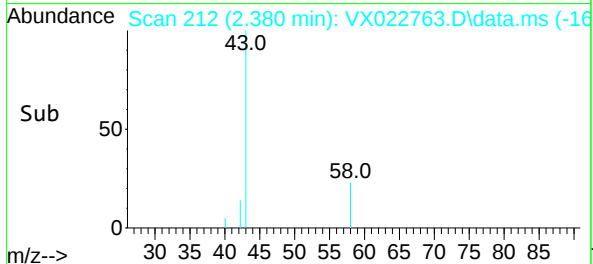
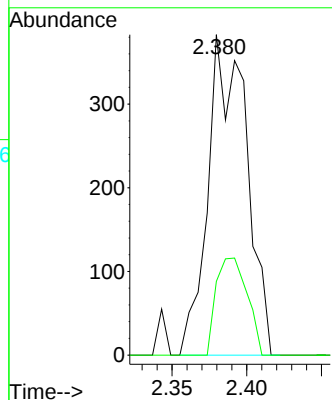
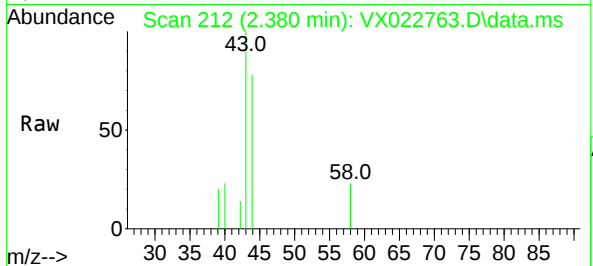




#16
Acetone
Concen: 1.549 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

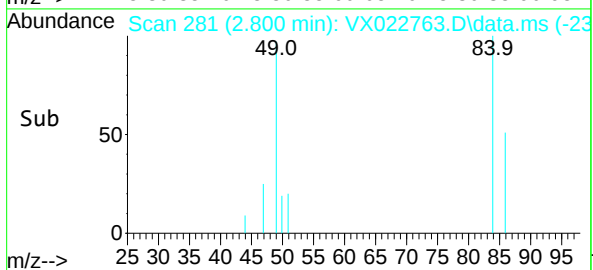
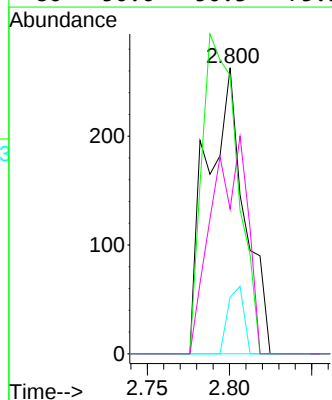
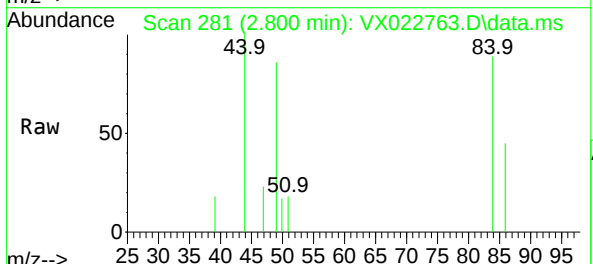
Instrument :
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ClientSampleId :
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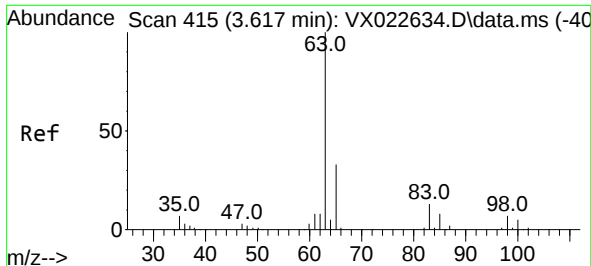
Tgt Ion: 43 Resp: 686
Ion Ratio Lower Upper
43 100
58 23.0 27.8 41.8#



#20
Methylene Chloride
Concen: 0.210 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

Tgt Ion: 84 Resp: 416
Ion Ratio Lower Upper
84 100
49 97.3 88.6 132.8
51 19.8 27.0 40.6#
86 50.6 50.3 75.5

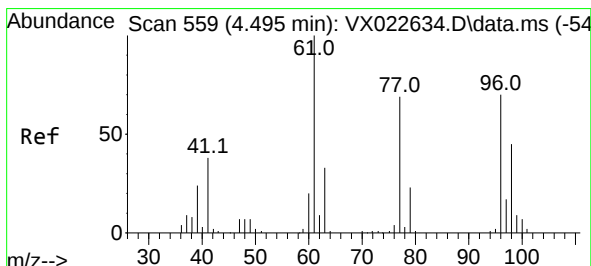
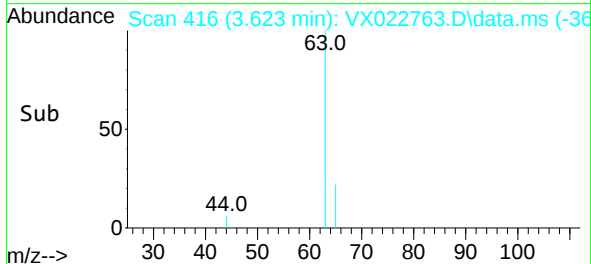
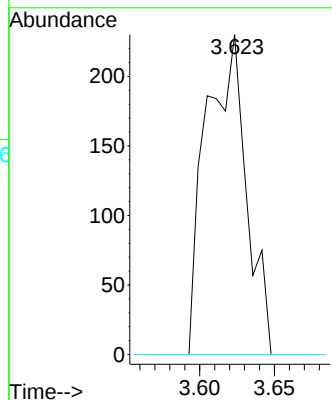
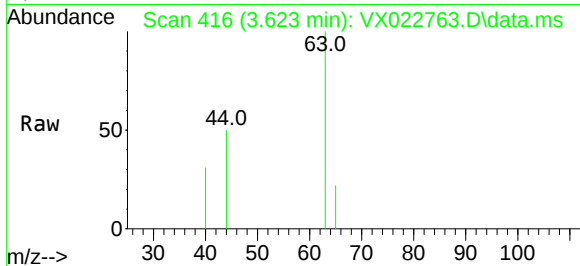




#24
1,1-Dichloroethane
Concen: 0.291 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.012 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

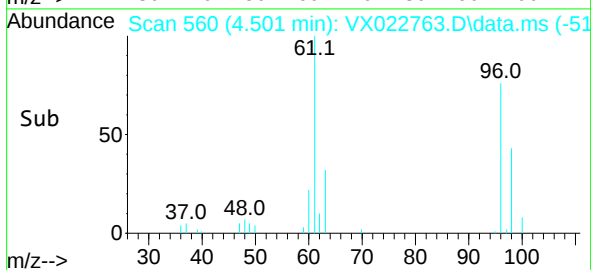
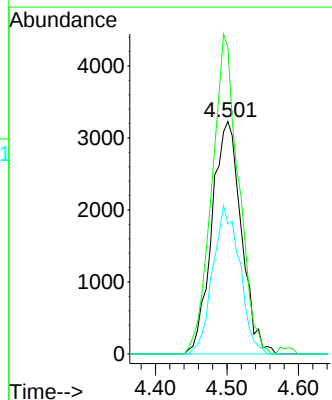
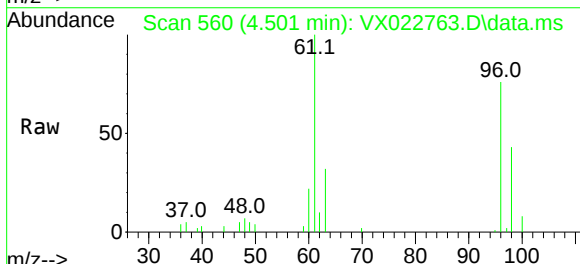
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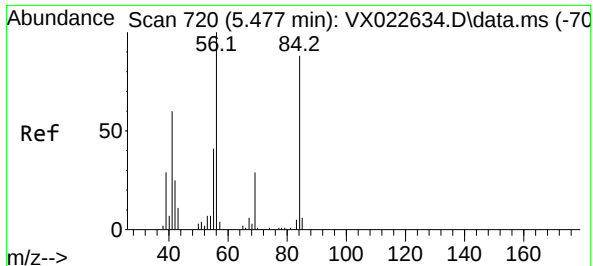
Tgt Ion: 63 Resp: 432
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 10.234 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

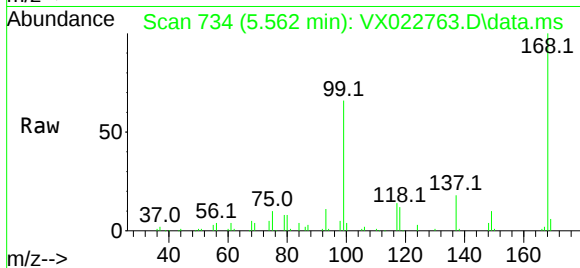
Tgt Ion: 96 Resp: 9227
Ion Ratio Lower Upper
96 100
61 124.8 0.0 285.6
98 58.4 0.0 129.6



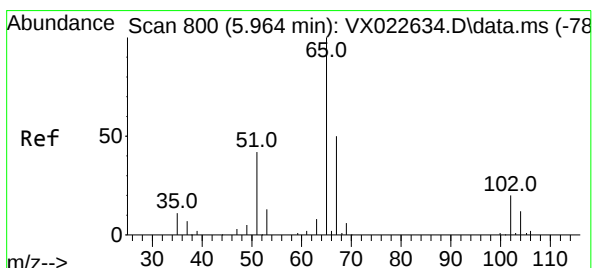
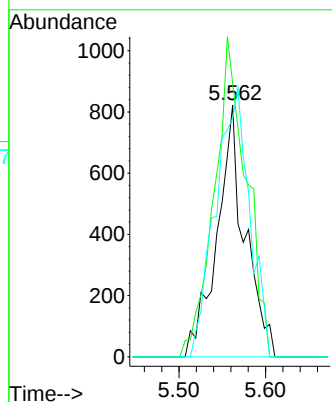
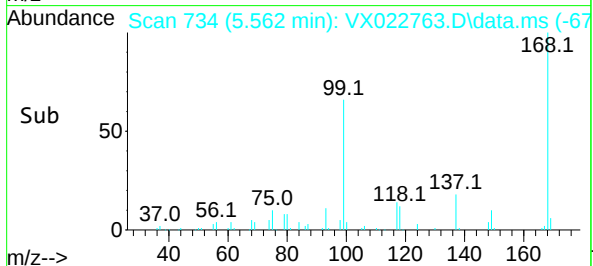


#31
Cyclohexane
Concen: 1.541 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

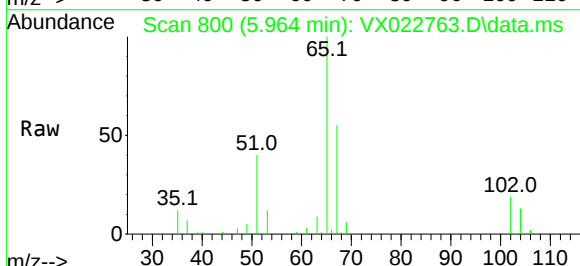
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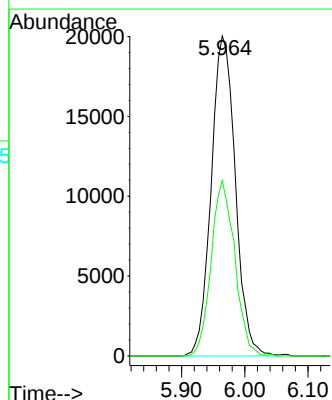
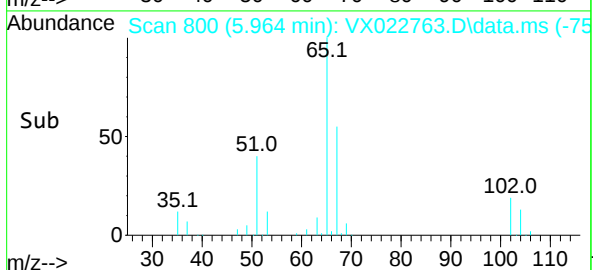
Tgt Ion: 56 Resp: 1839
Ion Ratio Lower Upper
56 100
69 108.6 25.3 37.9#
84 94.7 71.4 107.0

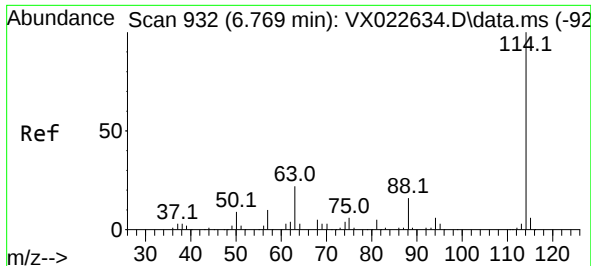


#33
1,2-Dichloroethane-d4
Concen: 53.695 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26



Tgt Ion: 65 Resp: 53121
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4

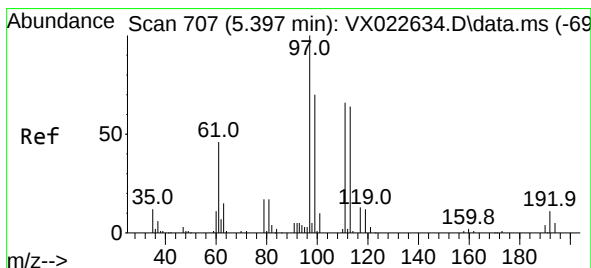
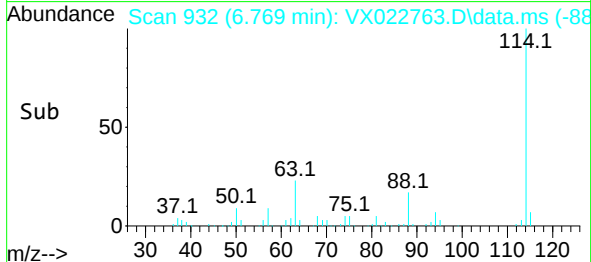
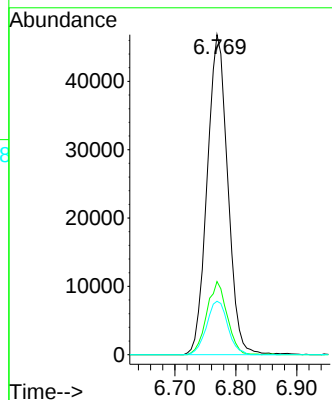
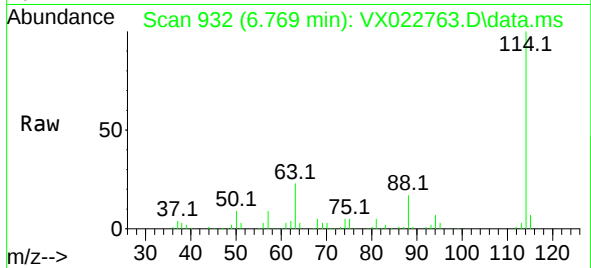




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

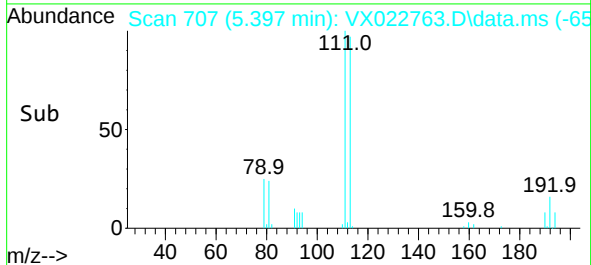
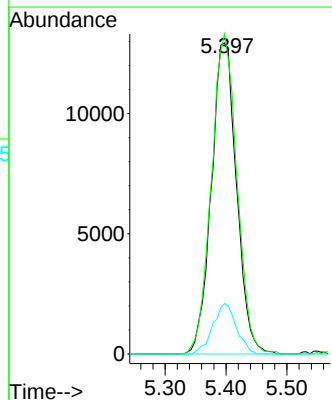
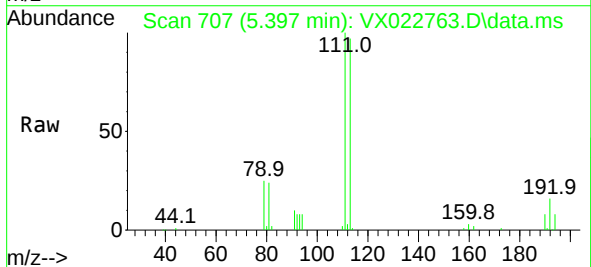
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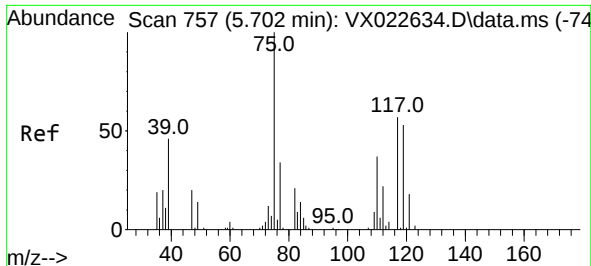
Tgt Ion:114 Resp: 109851
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.098 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

Tgt Ion:113 Resp: 37215
Ion Ratio Lower Upper
113 100
111 104.5 81.9 122.9
192 15.2 16.7 25.1#

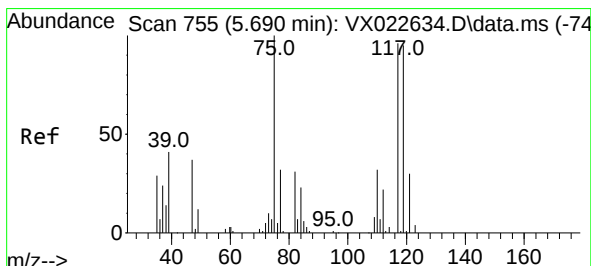
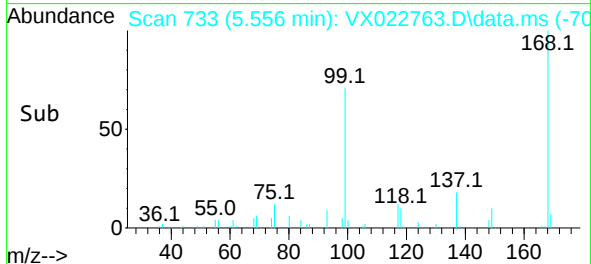
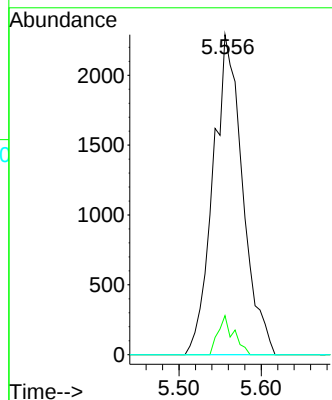
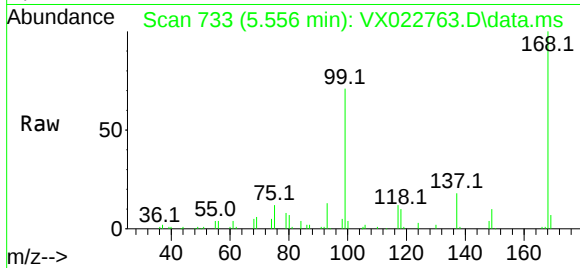




#36
1,1-Dichloropropene
Concen: 5.242 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

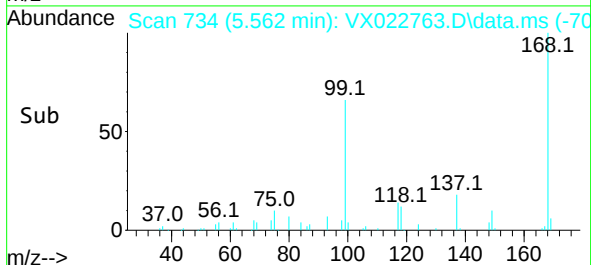
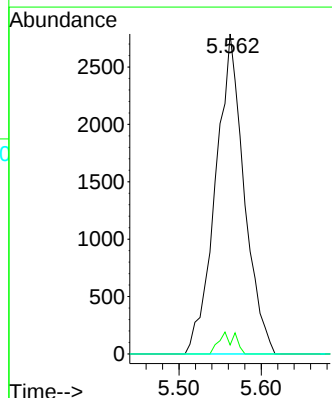
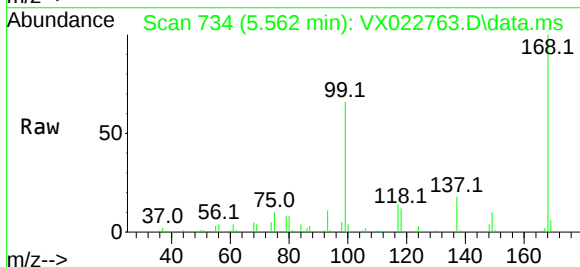
Instrument :
MSVOA_X
ClientSampleId :
MW178D-20210616DL

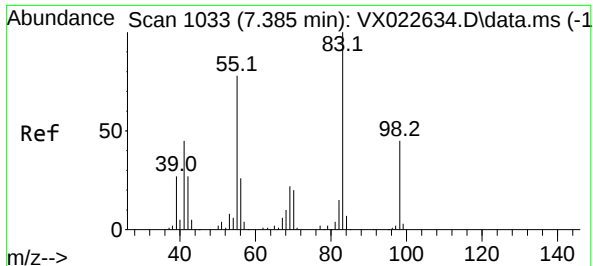
Tgt Ion: 75 Resp: 5737
Ion Ratio Lower Upper
75 100
110 6.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 7.214 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

Tgt Ion: 117 Resp: 6754
Ion Ratio Lower Upper
117 100
119 2.8 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.822 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX022763.D

Acq: 18 Jun 2021 13:26

Tgt Ion: 83 Resp: 939

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

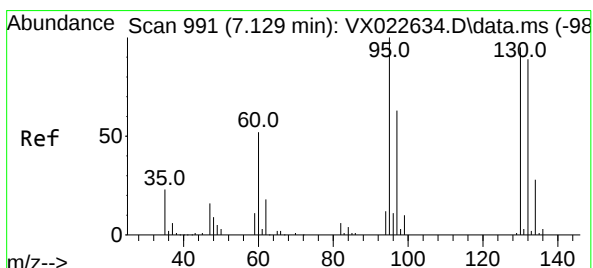
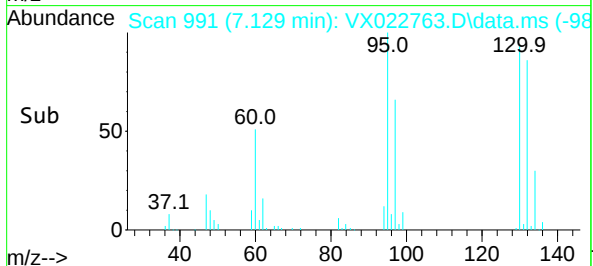
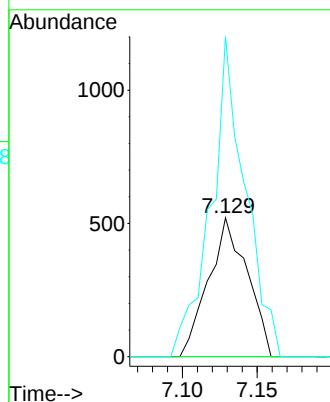
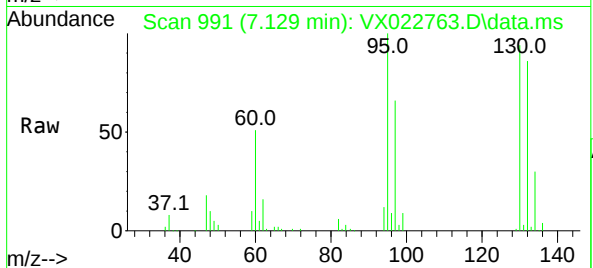
98 230.5 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

MW178D-20210616DL



#44

Trichloroethene

Concen: 100.134 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022763.D

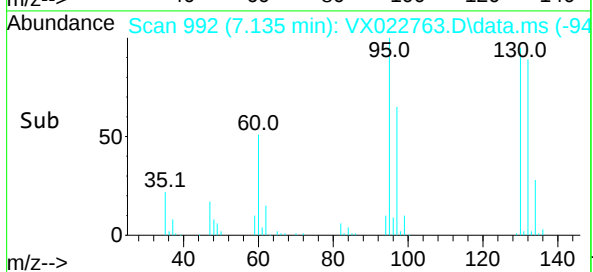
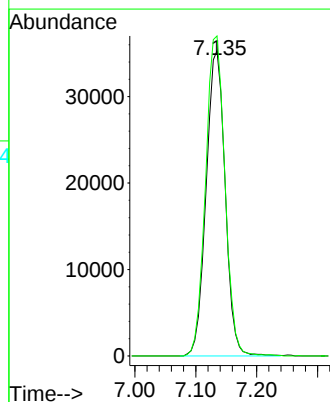
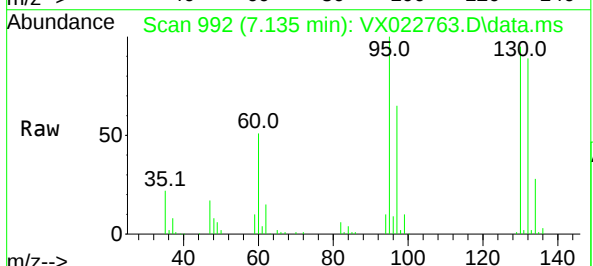
Acq: 18 Jun 2021 13:26

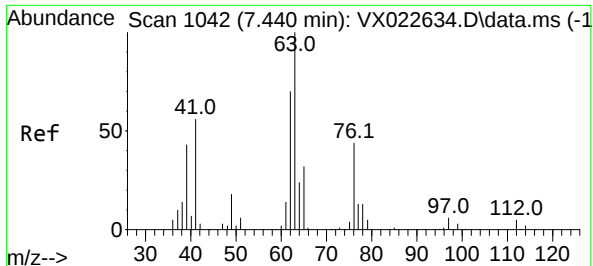
Tgt Ion:130 Resp: 76545

Ion Ratio Lower Upper

130 100

95 104.9 0.0 198.0



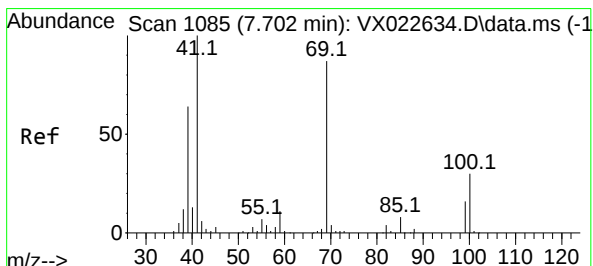
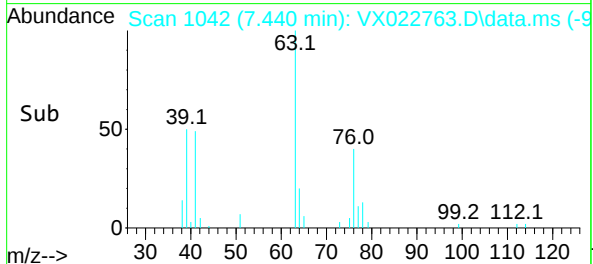
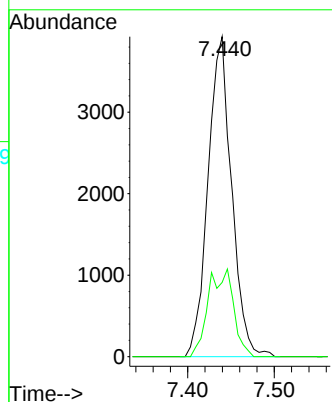
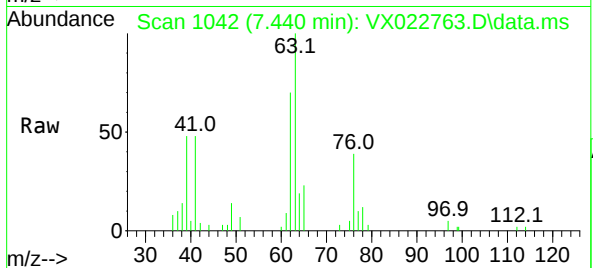


#45

1,2-Dichloropropane
Concen: 8.476 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

Instrument :
MSVOA_X
ClientSampleId :
MW178D-20210616DL

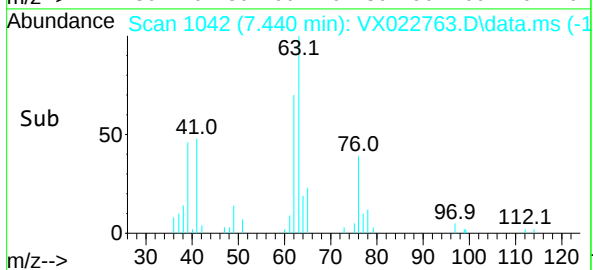
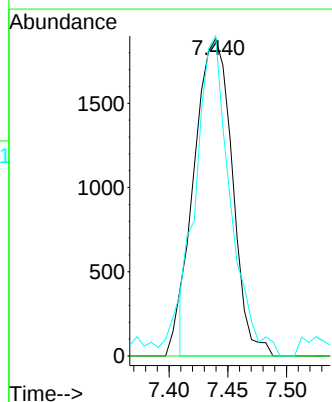
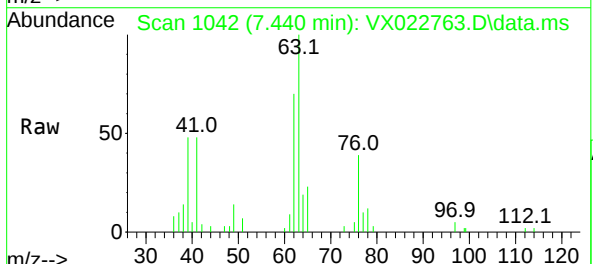
Tgt Ion: 63 Resp: 7447
Ion Ratio Lower Upper
63 100
65 23.2 25.7 38.5#

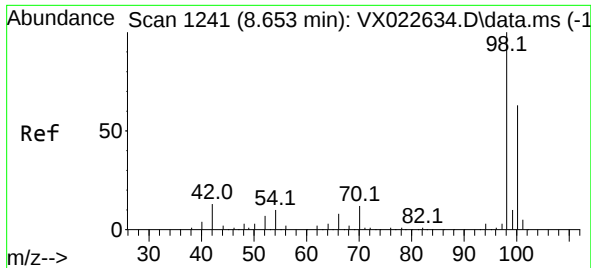


#48

Methyl methacrylate
Concen: 3.914 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. -0.256 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

Tgt Ion: 41 Resp: 4128
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 92.4 44.6 67.0#

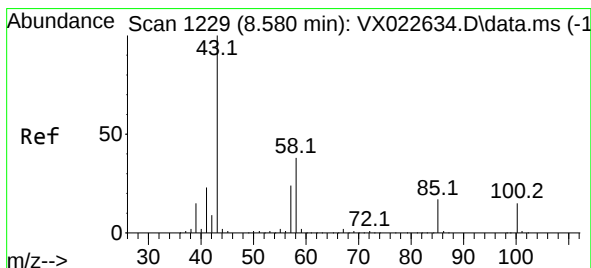
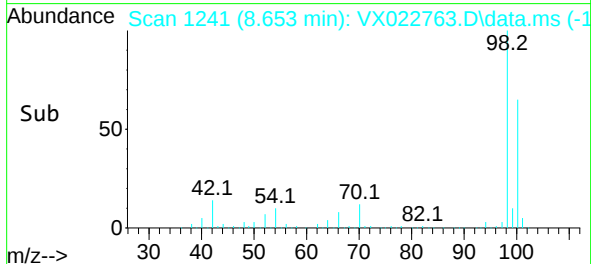
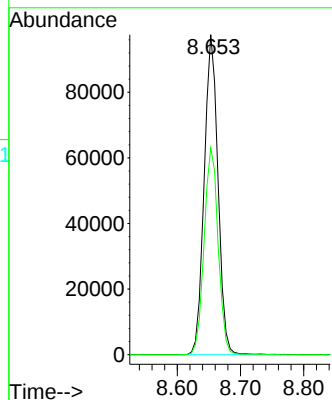
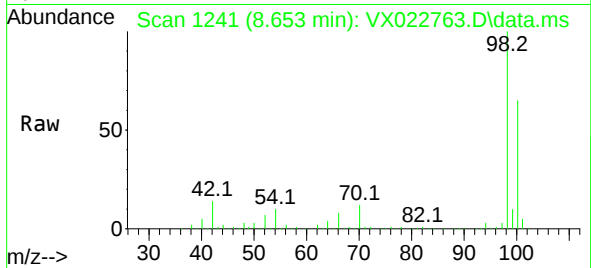




#50
Toluene-d8
Concen: 53.543 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

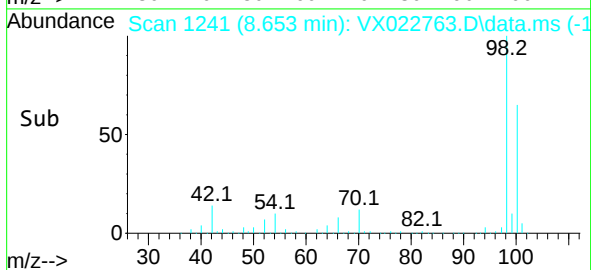
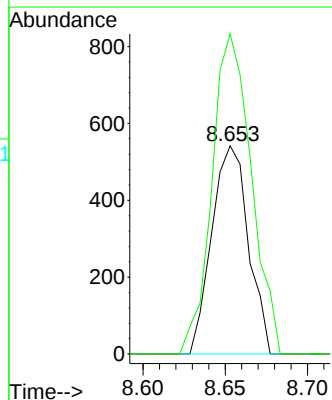
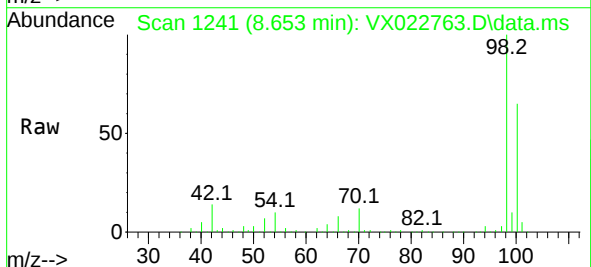
Instrument :
MSVOA_X
ClientSampleId :
MW178D-20210616DL

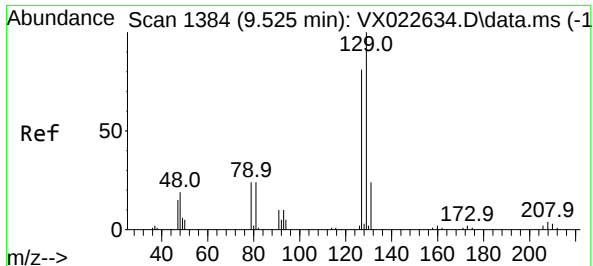
Tgt Ion: 98 Resp: 147933
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.600 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

Tgt Ion: 43 Resp: 837
Ion Ratio Lower Upper
43 100
58 165.6 35.4 53.0#





#60

Dibromochloromethane

Concen: 7.472 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX022763.D

Acq: 18 Jun 2021 13:26

Instrument :

MSVOA_X

ClientSampleId :

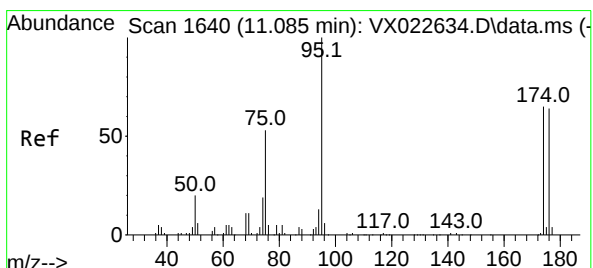
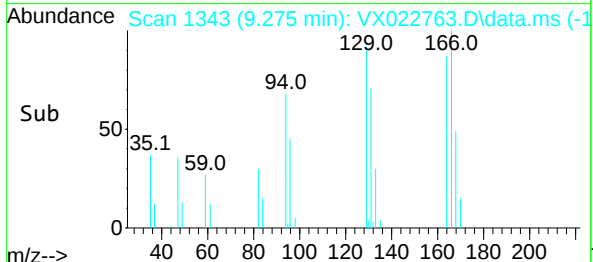
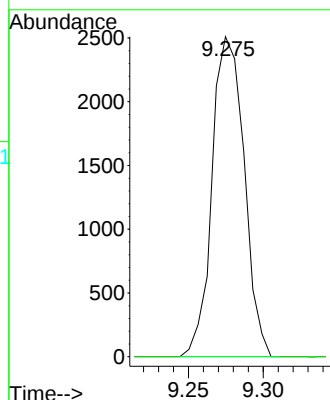
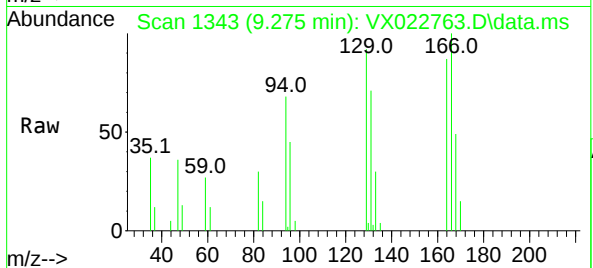
MW178D-20210616DL

Tgt Ion:129 Resp: 3742

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 46.774 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022763.D

Acq: 18 Jun 2021 13:26

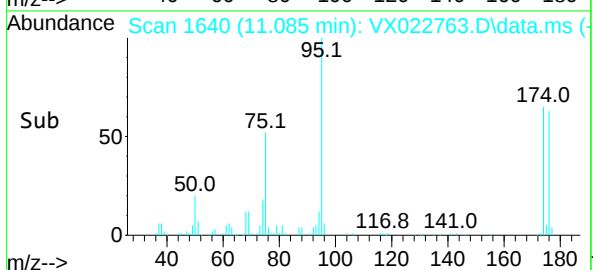
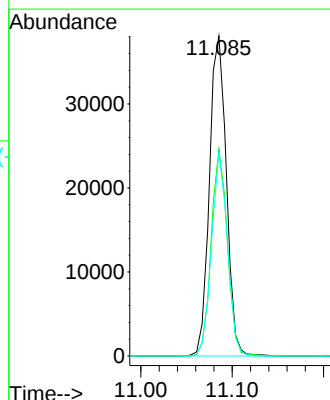
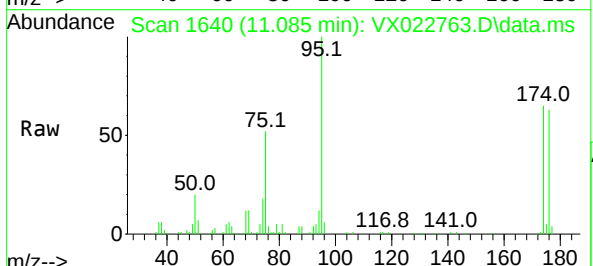
Tgt Ion: 95 Resp: 48875

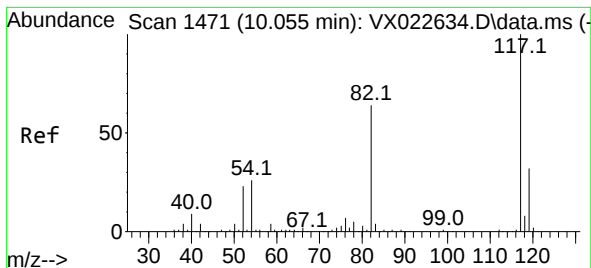
Ion Ratio Lower Upper

95 100

174 61.6 0.0 154.6

176 59.7 0.0 155.8

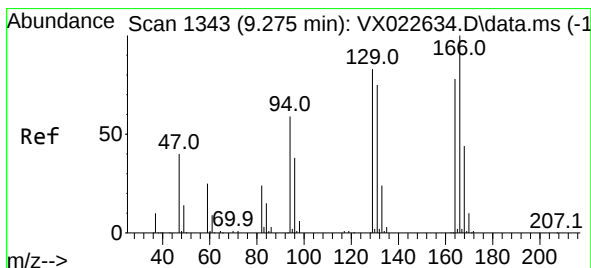
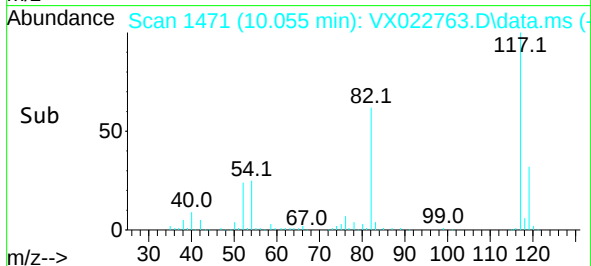
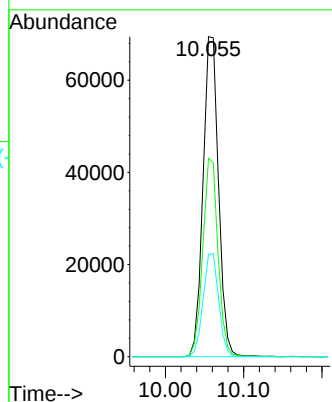
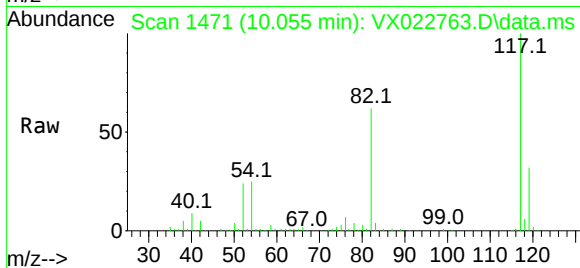




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

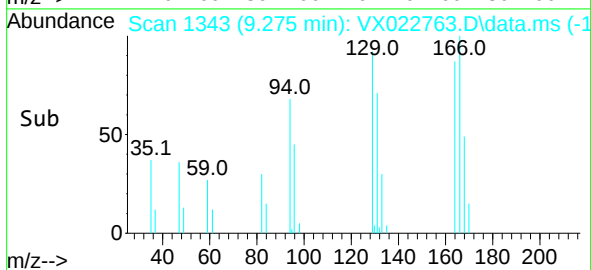
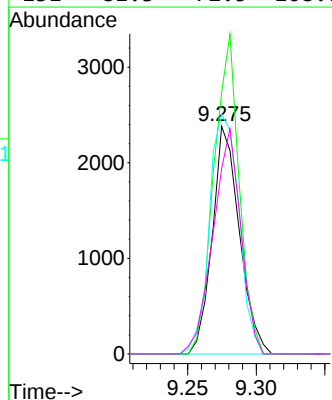
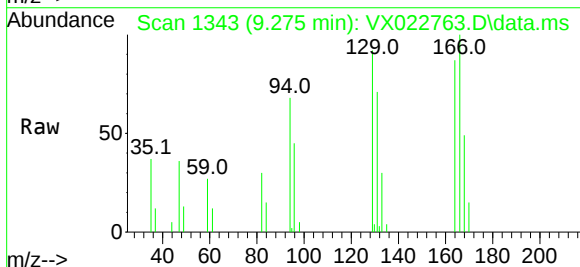
Instrument :
MSVOA_X
ClientSampleId :
MW178D-20210616DL

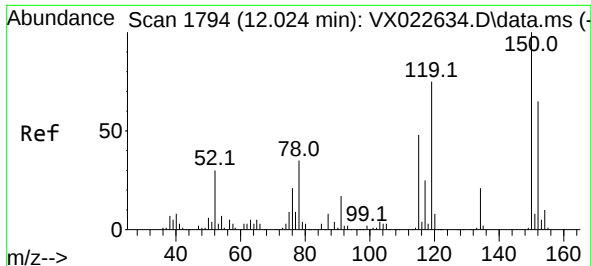
Tgt Ion:117 Resp: 95491
Ion Ratio Lower Upper
117 100
82 62.0 47.4 71.2
119 32.0 26.6 39.8



#64
Tetrachloroethene
Concen: 5.423 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

Tgt Ion:164 Resp: 3275
Ion Ratio Lower Upper
164 100
166 114.8 103.4 155.2
129 105.3 70.8 106.2
131 81.3 72.5 108.7

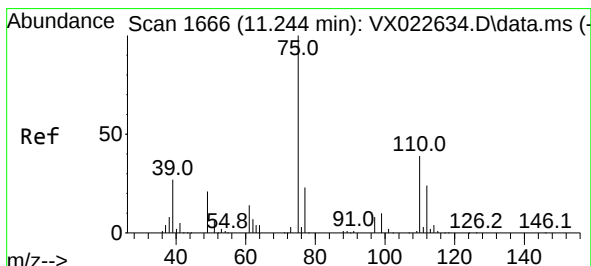
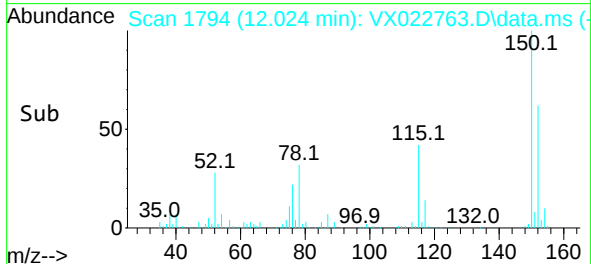
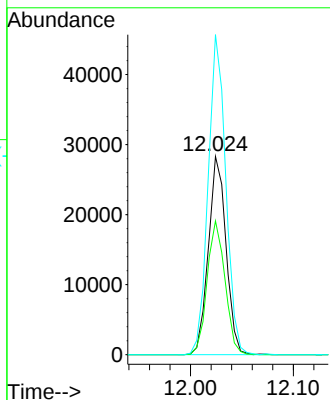
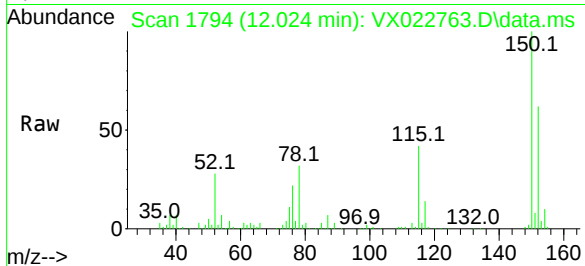




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022763.D
 Acq: 18 Jun 2021 13:26

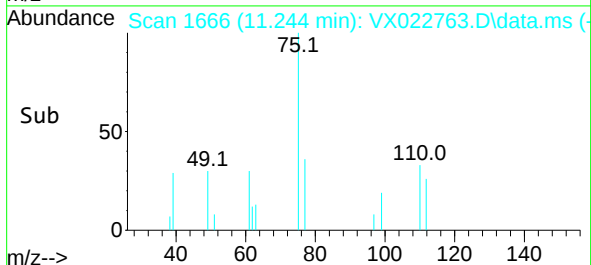
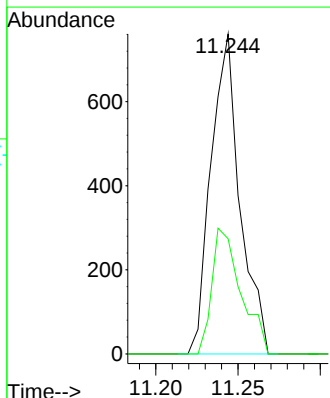
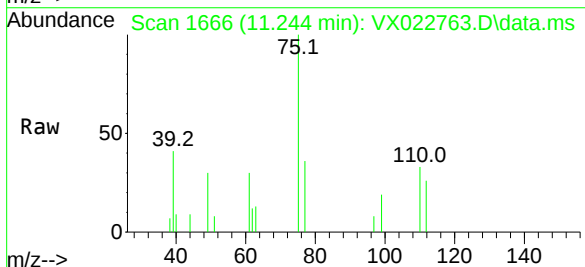
Instrument :
 MSVOA_X
 ClientSampleId :
 MW178D-20210616DL

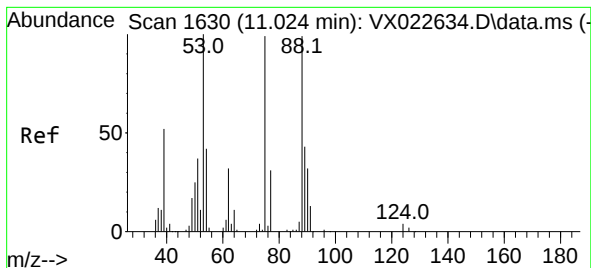
Tgt Ion:152 Resp: 33818
 Ion Ratio Lower Upper
 152 100
 115 68.0 41.1 123.3
 150 160.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 1.039 ug/l
 RT: 11.244 min Scan# 1666
 Delta R.T. -0.000 min
 Lab File: VX022763.D
 Acq: 18 Jun 2021 13:26

Tgt Ion: 75 Resp: 932
 Ion Ratio Lower Upper
 75 100
 77 39.4 19.1 57.5

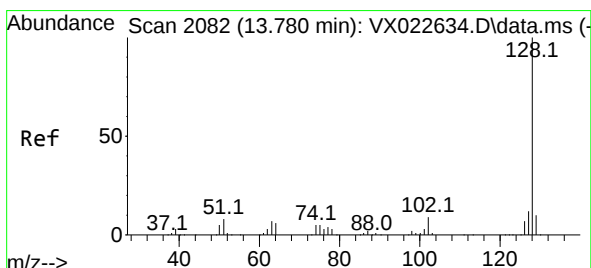
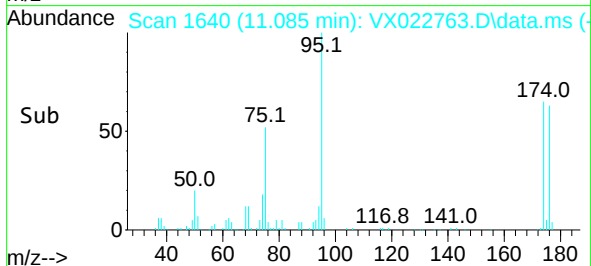
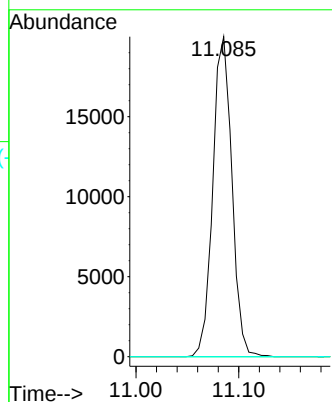
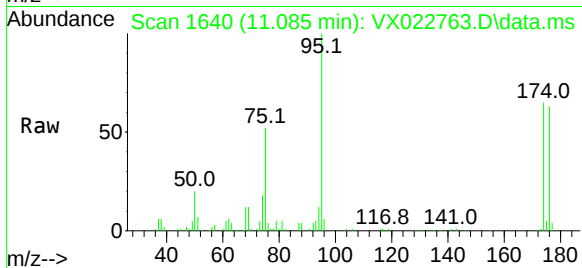




#81
trans-1,4-Dichloro-2-butene
Concen: 71.564 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

Instrument :
MSVOA_X
ClientSampleId :
MW178D-20210616DL

Tgt Ion: 75 Resp: 25808
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.481 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX022763.D
Acq: 18 Jun 2021 13:26

Tgt Ion: 128 Resp: 20
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

