

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082021\
 Data File : VX023848.D
 Acq On : 19 Aug 2021 19:22
 Operator : JC/MD
 Sample : M3484-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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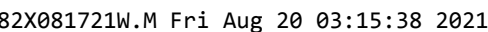
Quant Time: Aug 20 03:15:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	136295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	236832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	220190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98071	51.555	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.120%			
35) Dibromofluoromethane	5.397	113	77284	49.303	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.600%			
50) Toluene-d8	8.653	98	287514	48.191	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.380%			
62) 4-Bromofluorobenzene	11.085	95	96665	44.013	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.020%			
Target Compounds						Qvalue
5) Bromomethane	1.605	94	252	0.260	ug/l #	43
6) Chloroethane	1.654	64	65	2.266	ug/l #	43
10) Methyl Iodide	2.459	142	609	0.320	ug/l #	78
16) Acetone	2.392	43	557	0.655	ug/l #	84
20) Methylene Chloride	2.794	84	813	0.500	ug/l	87
31) Cyclohexane	5.556	56	1726	0.706	ug/l #	15
36) 1,1-Dichloropropene	5.562	75	11520	5.252	ug/l #	45
38) Carbon Tetrachloride	5.562	117	13615	5.953	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1541	0.565	ug/l #	1
53) t-1,3-Dichloropropene	8.982	75	21	2.144	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	52657	25.268	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	52657	74.327	ug/l #	12
95) Naphthalene	13.786	128	177	1.309	ug/l #	69

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

Quant Time: Aug 20 03:15:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

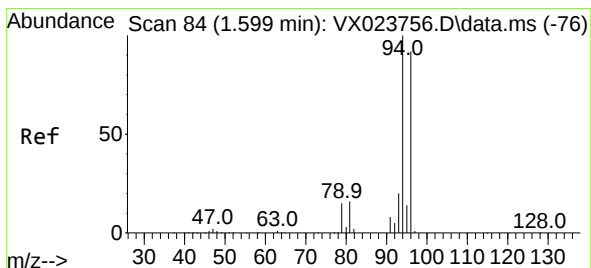
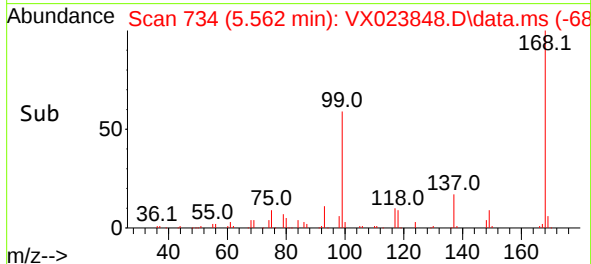
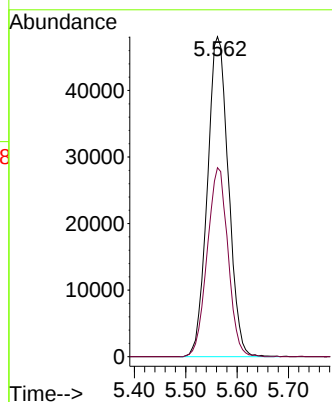
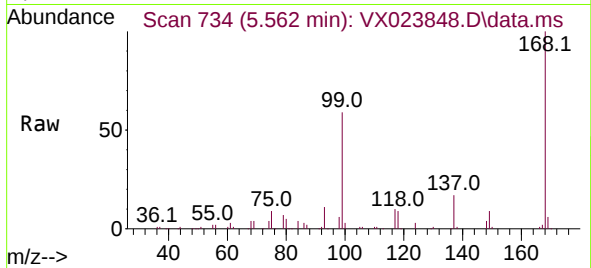




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023848.D
Acq: 19 Aug 2021 19:22

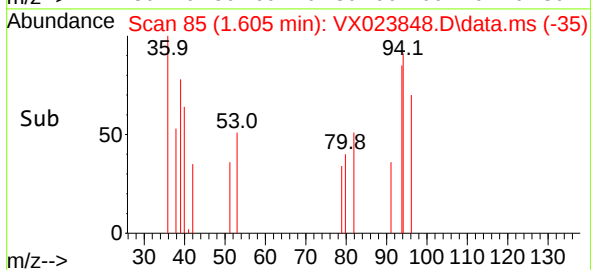
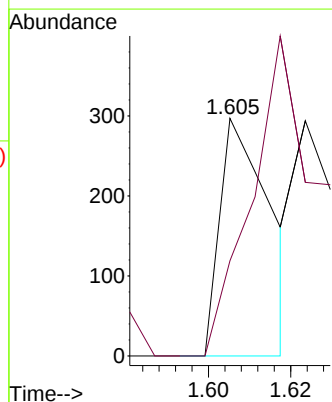
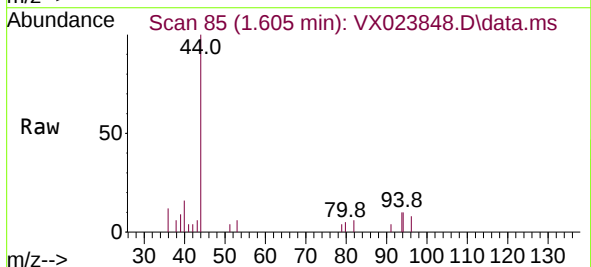
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ClientSampleId :
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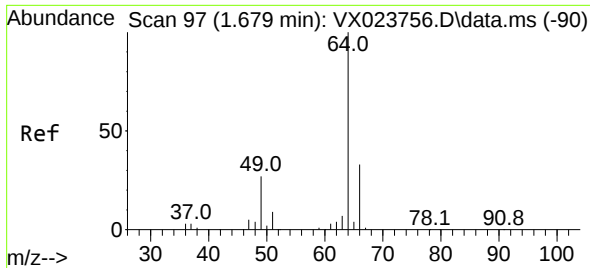
Tgt Ion:168 Resp: 136295
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.6



#5
Bromomethane
Concen: 0.260 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX023848.D
Acq: 19 Aug 2021 19:22

Tgt Ion: 94 Resp: 252
Ion Ratio Lower Upper
94 100
96 40.1 76.4 114.6#

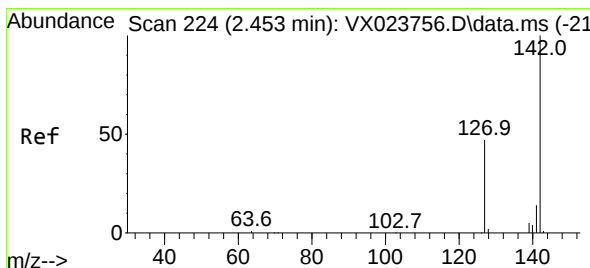
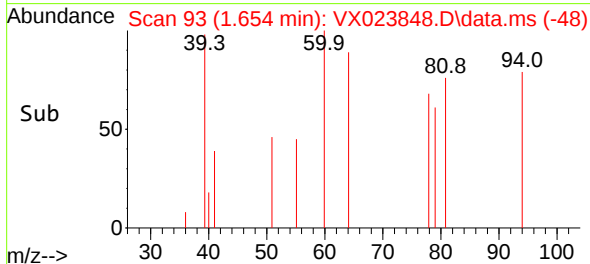
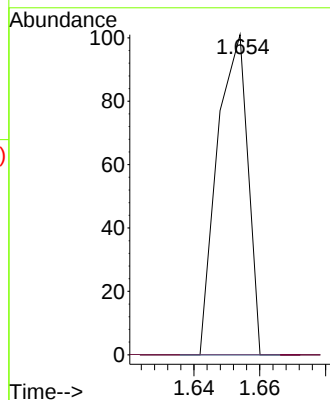
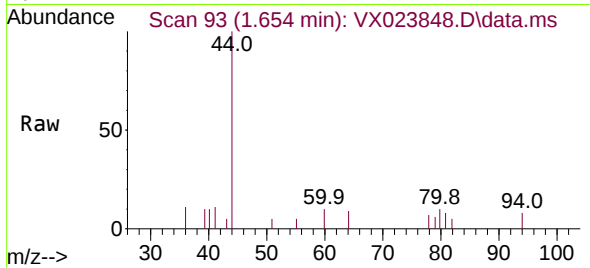




#6
Chloroethane
Concen: 2.266 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.025 min
Lab File: VX023848.D
Acq: 19 Aug 2021 19:22

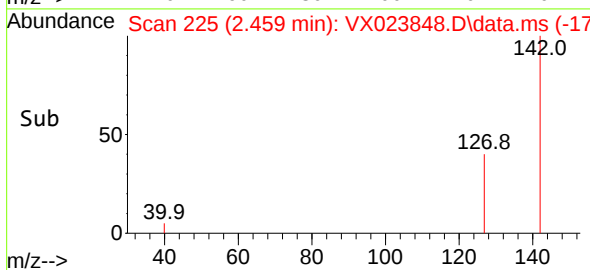
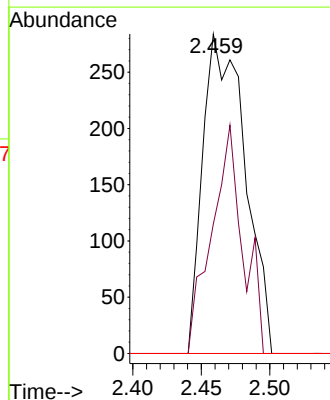
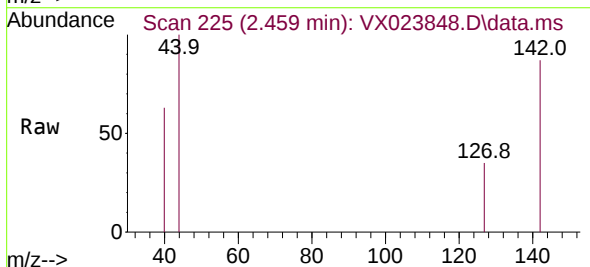
Instrument :
MSVOA_X
ClientSampled :
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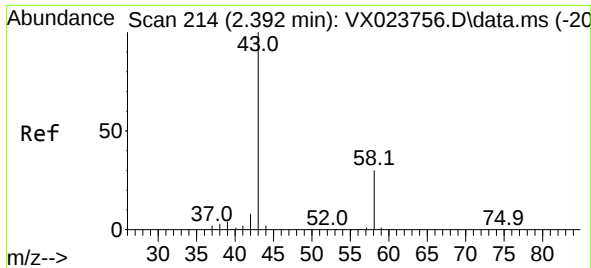
Tgt Ion: 64 Resp: 65
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.320 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023848.D
Acq: 19 Aug 2021 19:22

Tgt Ion: 142 Resp: 609
Ion Ratio Lower Upper
142 100
127 53.0 33.3 49.9#
141 0.0 11.4 17.0#

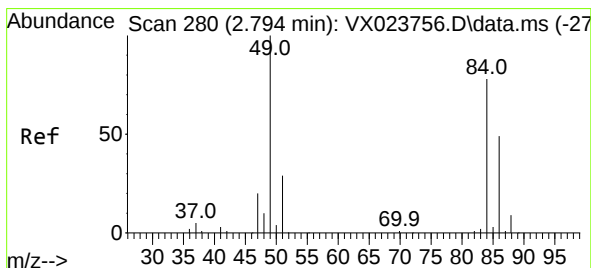
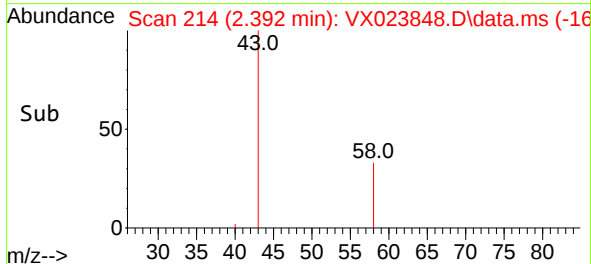
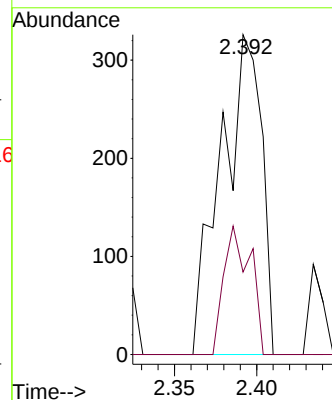
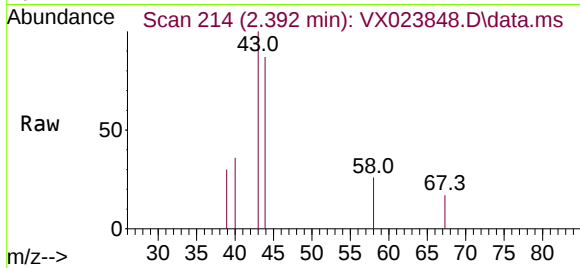




#16
Acetone
Concen: 0.655 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023848.D
Acq: 19 Aug 2021 19:22

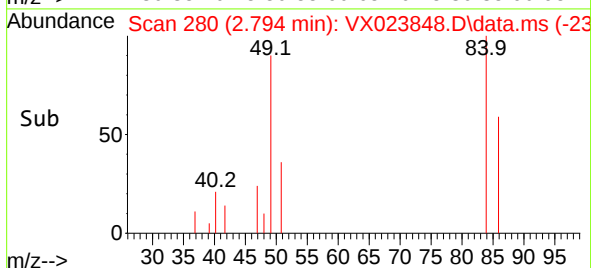
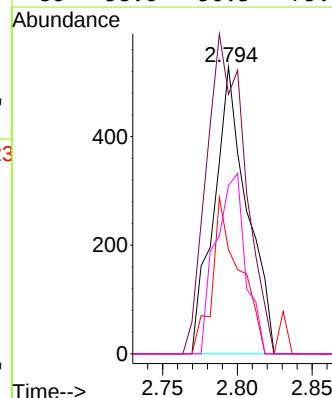
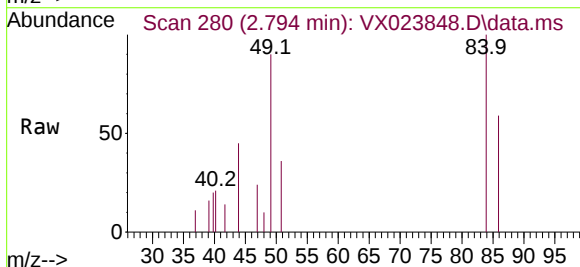
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ClientSampleId :
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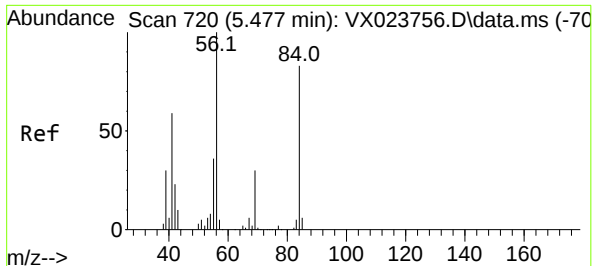
Tgt Ion: 43 Resp: 557
Ion Ratio Lower Upper
43 100
58 25.8 27.8 41.8#



#20
Methylene Chloride
Concen: 0.500 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023848.D
Acq: 19 Aug 2021 19:22

Tgt Ion: 84 Resp: 813
Ion Ratio Lower Upper
84 100
49 90.4 88.6 132.8
51 36.3 27.0 40.6
86 58.6 50.3 75.5

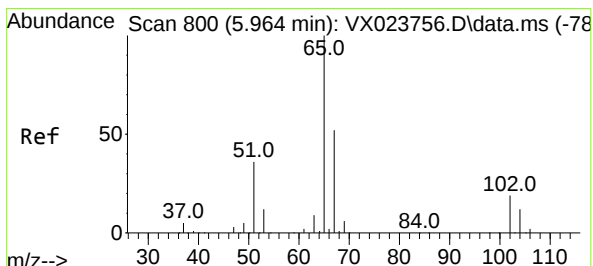
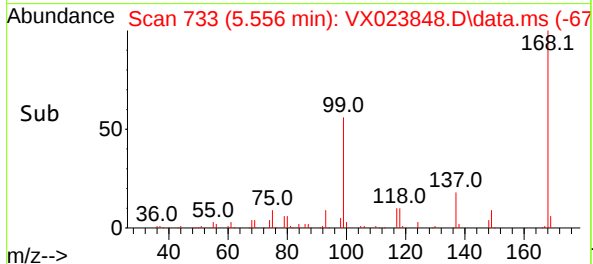
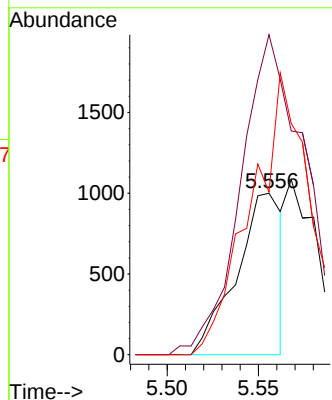
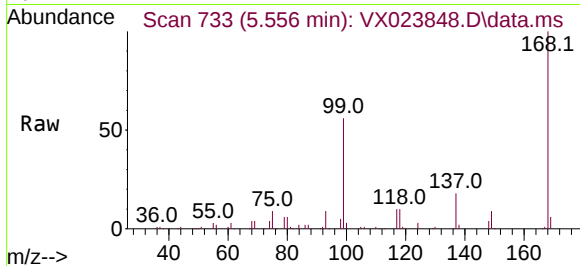




#31
Cyclohexane
Concen: 0.706 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023848.D
Acq: 19 Aug 2021 19:22

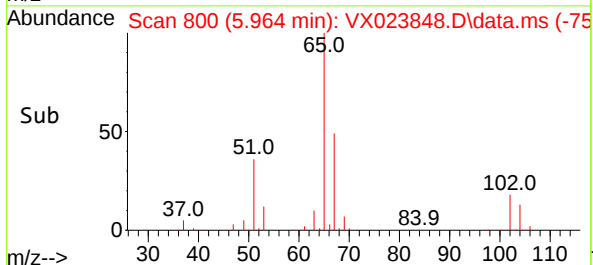
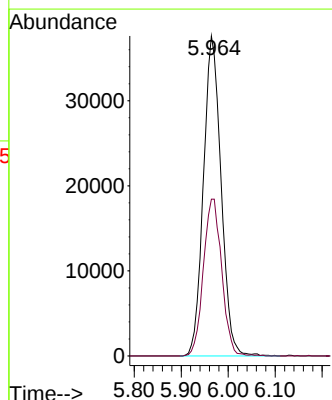
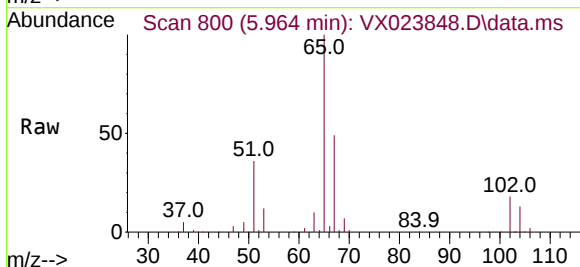
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ClientSampled :
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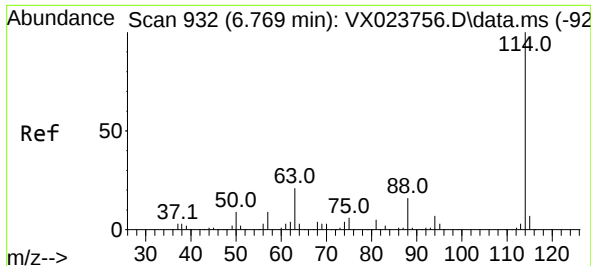
Tgt Ion: 56 Resp: 1726
Ion Ratio Lower Upper
56 100
69 192.6 25.3 37.9#
84 100.7 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.555 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023848.D
Acq: 19 Aug 2021 19:22

Tgt Ion: 65 Resp: 98071
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

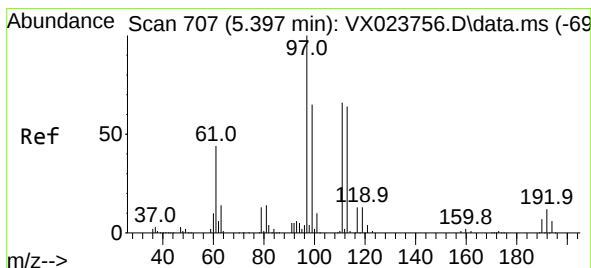
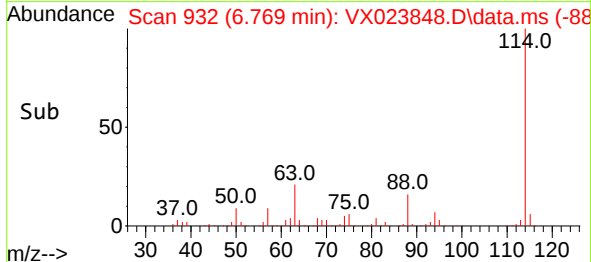
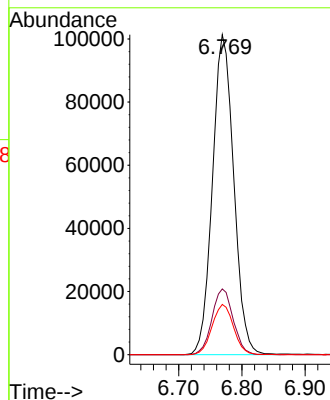
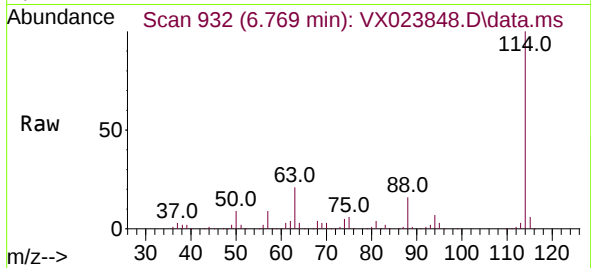




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023848.D
Acq: 19 Aug 2021 19:22

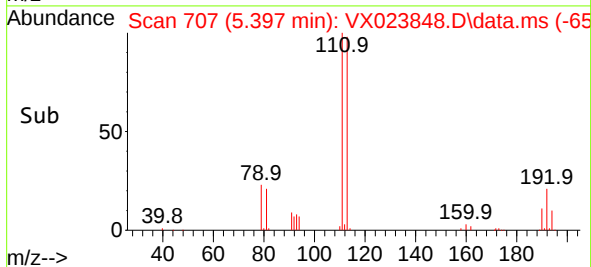
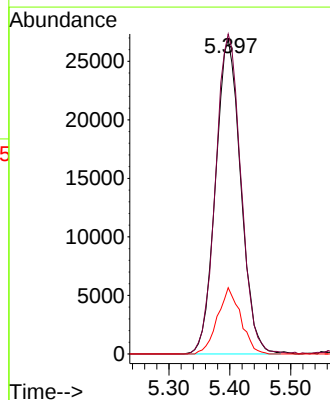
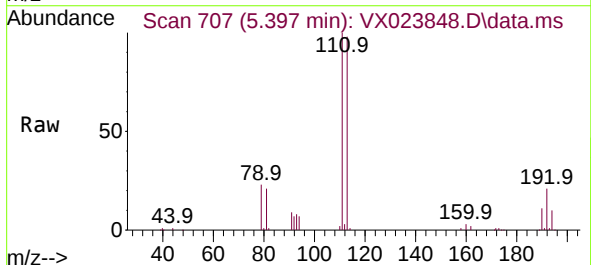
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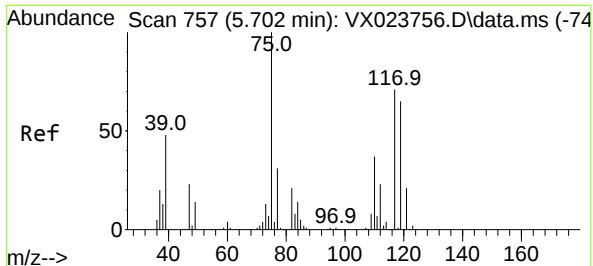
Tgt Ion:114 Resp: 236832
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.303 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023848.D
Acq: 19 Aug 2021 19:22

Tgt Ion:113 Resp: 77284
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.4 16.7 25.1

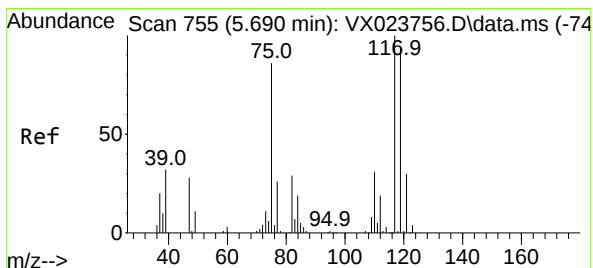
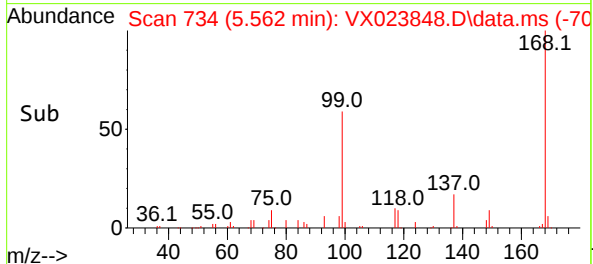
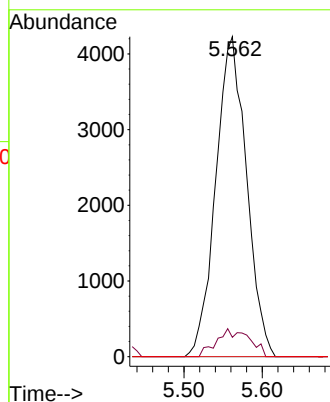
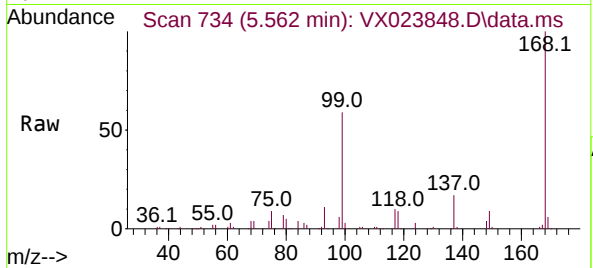




#36
1,1-Dichloropropene
Concen: 5.252 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023848.D
Acq: 19 Aug 2021 19:22

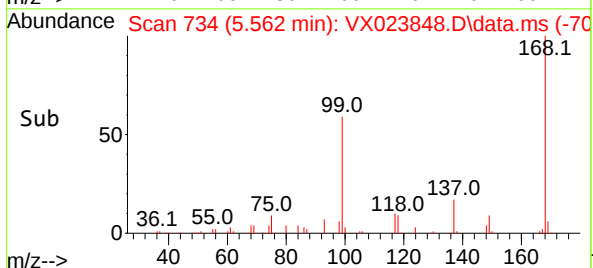
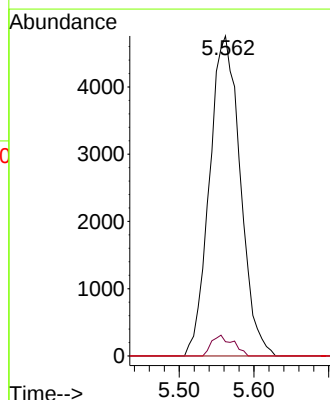
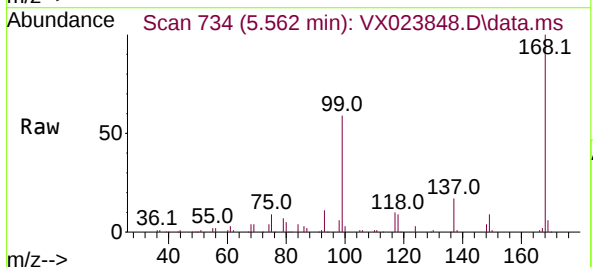
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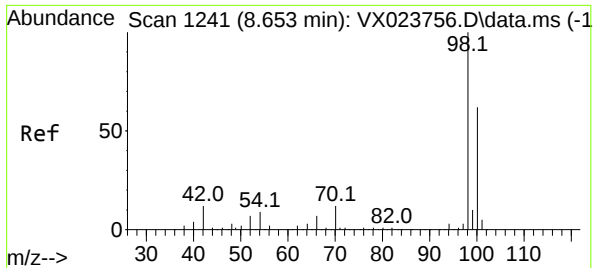
Tgt Ion: 75 Resp: 11520
Ion Ratio Lower Upper
75 100
110 4.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.953 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023848.D
Acq: 19 Aug 2021 19:22

Tgt Ion: 117 Resp: 13615
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#

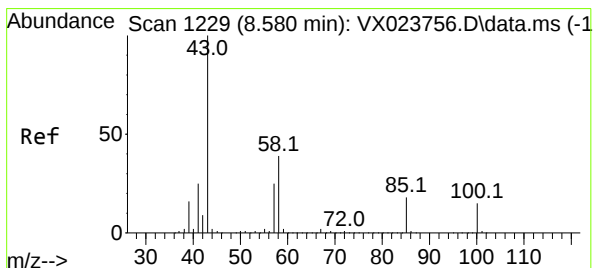
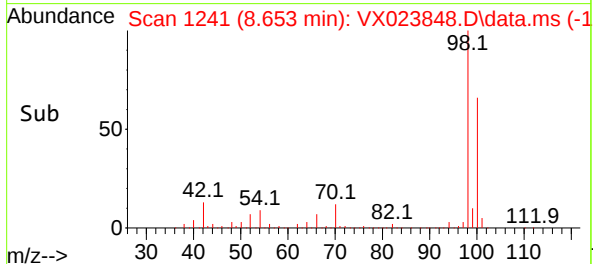
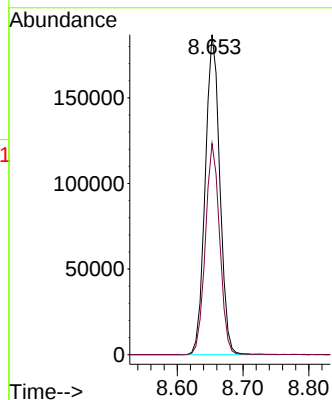
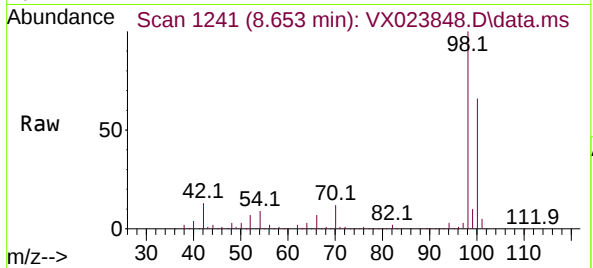




#50
Toluene-d8
Concen: 48.191 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023848.D
Acq: 19 Aug 2021 19:22

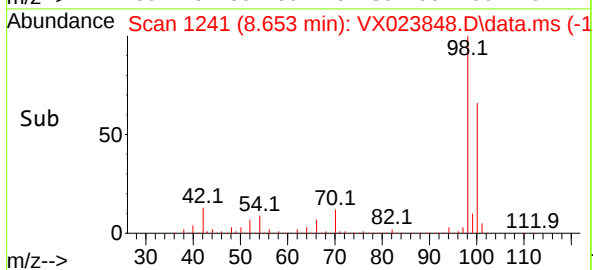
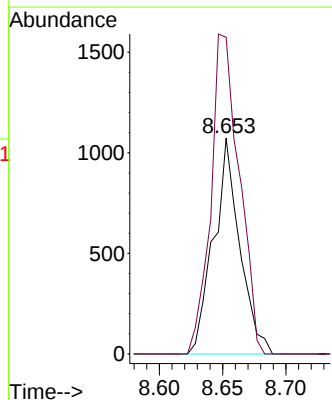
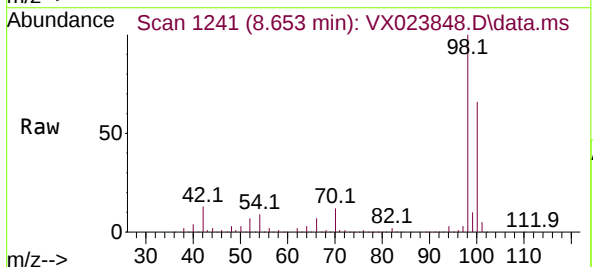
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ClientSampleId :
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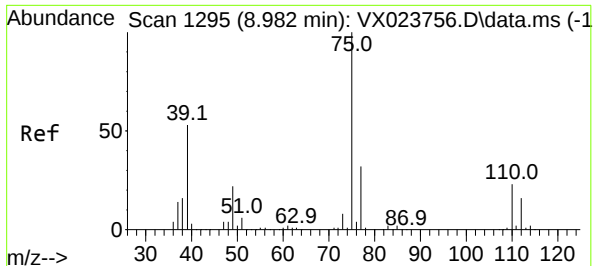
Tgt Ion: 98 Resp: 287514
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.565 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023848.D
Acq: 19 Aug 2021 19:22

Tgt Ion: 43 Resp: 1541
Ion Ratio Lower Upper
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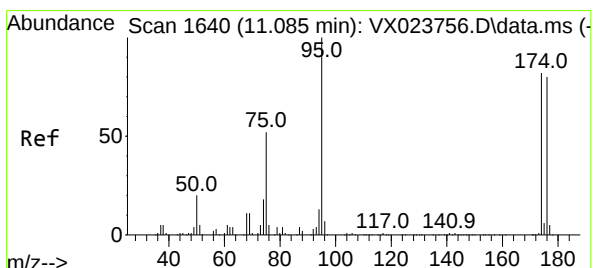
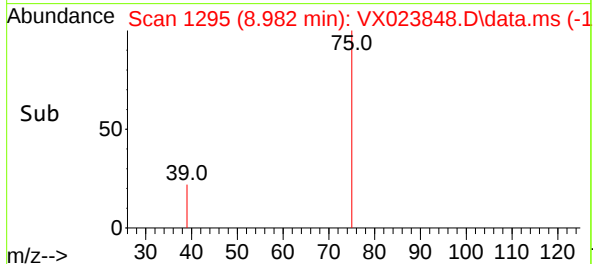
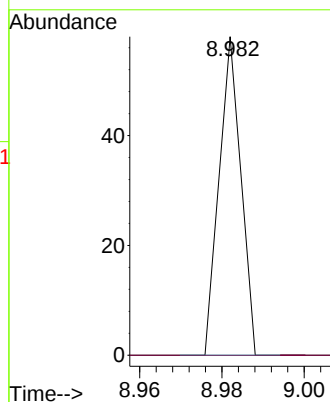
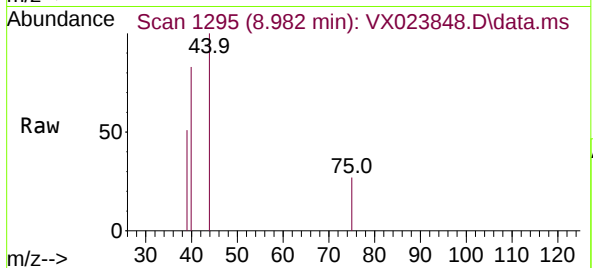




#53
 t-1,3-Dichloropropene
 Concen: 2.144 ug/l
 RT: 8.982 min Scan# 1295
 Delta R.T. -0.000 min
 Lab File: VX023848.D
 Acq: 19 Aug 2021 19:22

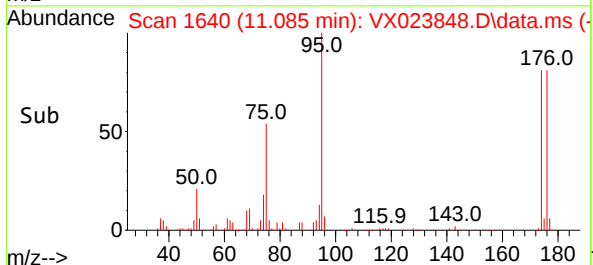
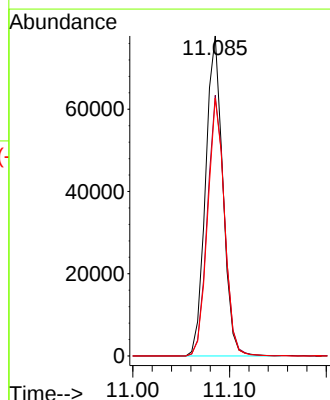
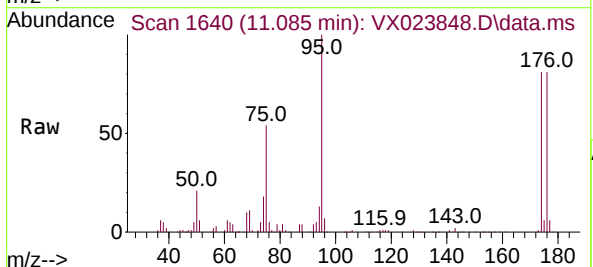
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 MSVOA_X
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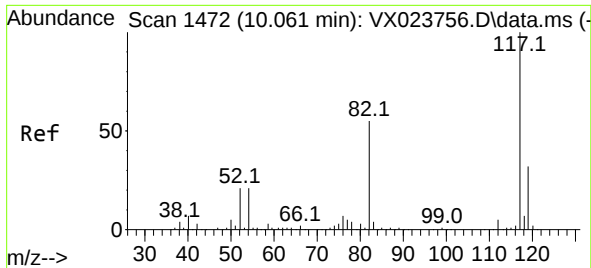
Tgt Ion: 75 Resp: 21
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.9 37.3#



#62
 4-Bromofluorobenzene
 Concen: 44.013 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VX023848.D
 Acq: 19 Aug 2021 19:22

Tgt Ion: 95 Resp: 96665
 Ion Ratio Lower Upper
 95 100
 174 80.6 0.0 154.6
 176 78.6 0.0 155.8

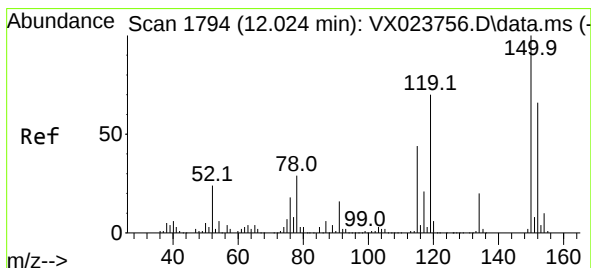
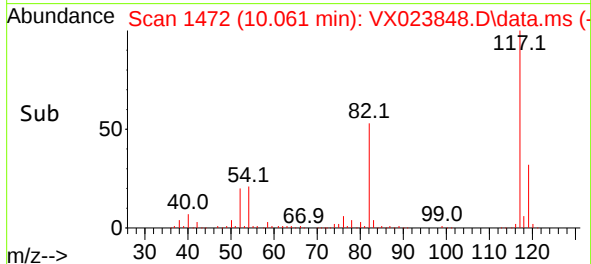
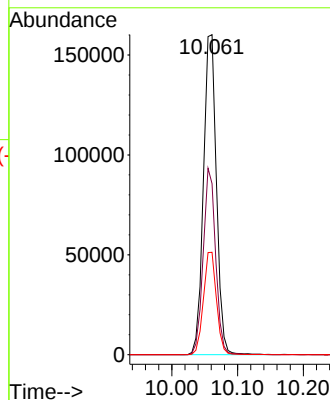
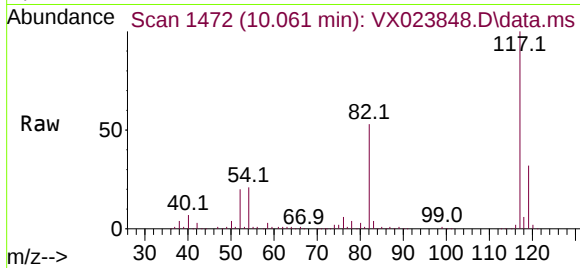




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023848.D
Acq: 19 Aug 2021 19:22

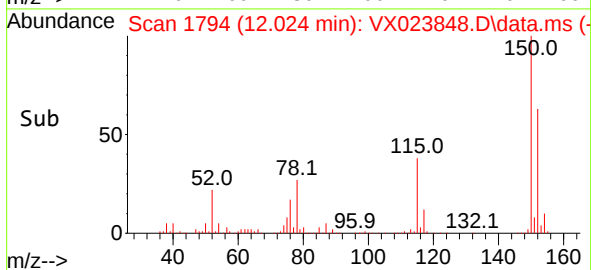
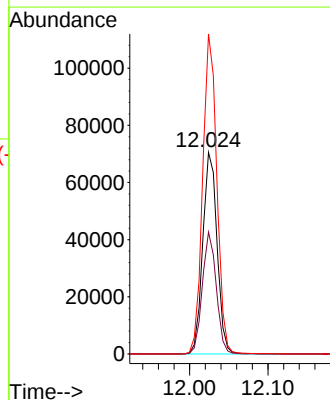
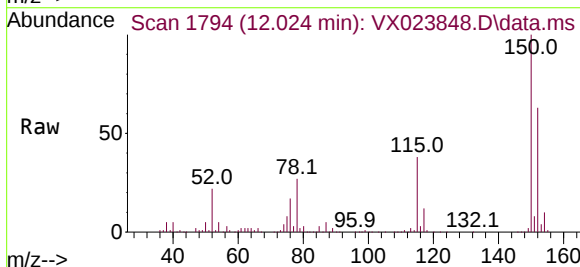
Instrument :
MSVOA_X
ClientSampleId :
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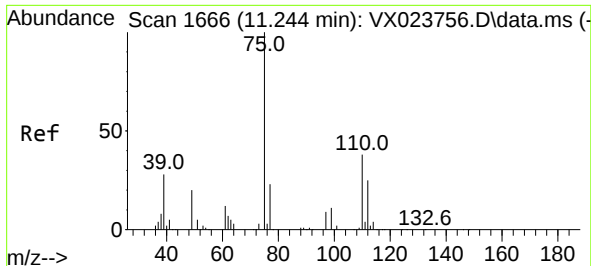
Tgt Ion:117 Resp: 220190
Ion Ratio Lower Upper
117 100
82 53.4 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023848.D
Acq: 19 Aug 2021 19:22

Tgt Ion:152 Resp: 89334
Ion Ratio Lower Upper
152 100
115 58.9 41.1 123.3
150 157.1 0.0 349.0

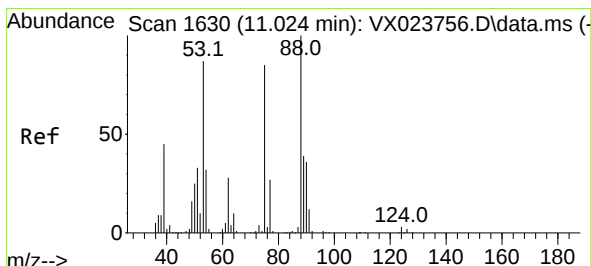
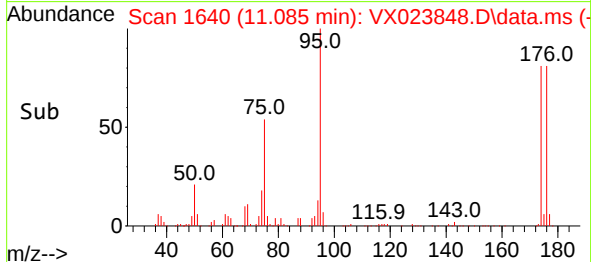
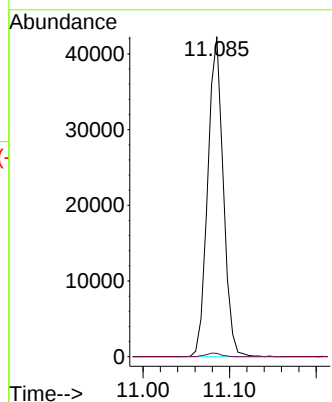
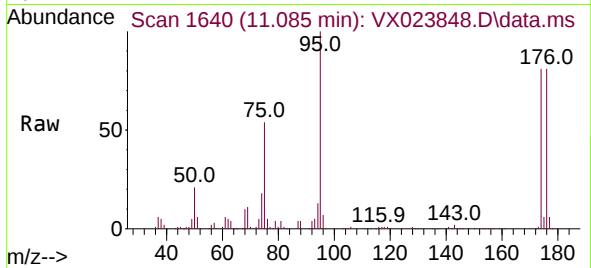




#76
1,2,3-Trichloropropane
Concen: 25.268 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023848.D
Acq: 19 Aug 2021 19:22

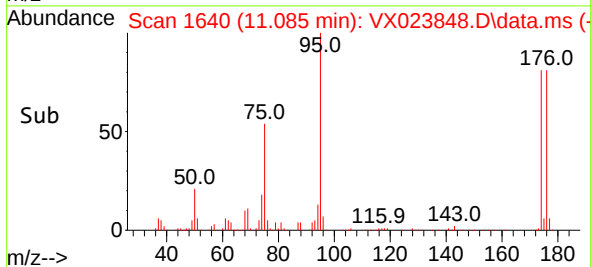
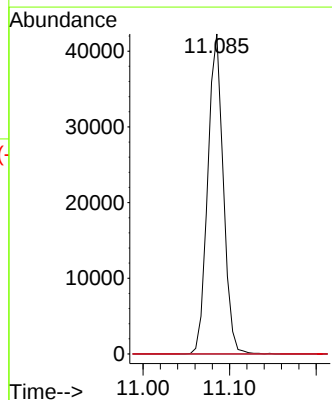
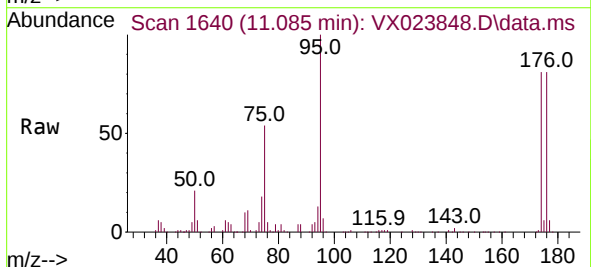
Instrument :
MSVOA_X
ClientSampleId :
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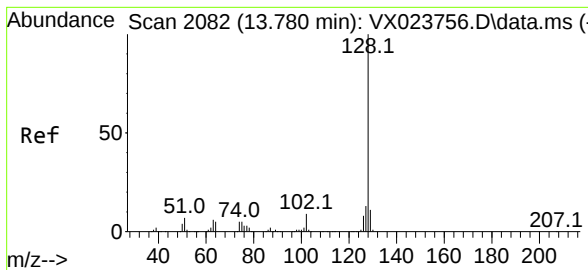
Tgt Ion: 75 Resp: 52657
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.327 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023848.D
Acq: 19 Aug 2021 19:22

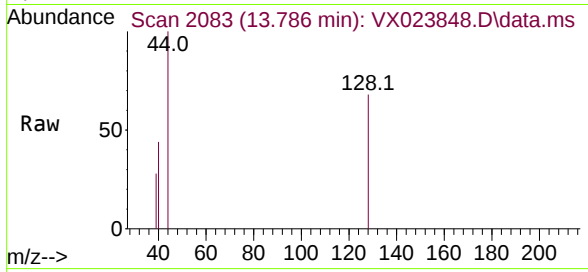
Tgt Ion: 75 Resp: 52657
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.309 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023848.D
Acq: 19 Aug 2021 19:22

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:	128	Resp:	177
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

