

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082621\
 Data File : VX023960.D
 Acq On : 26 Aug 2021 13:11
 Operator : JC/MD
 Sample : M3525-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 27 05:55:15 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)

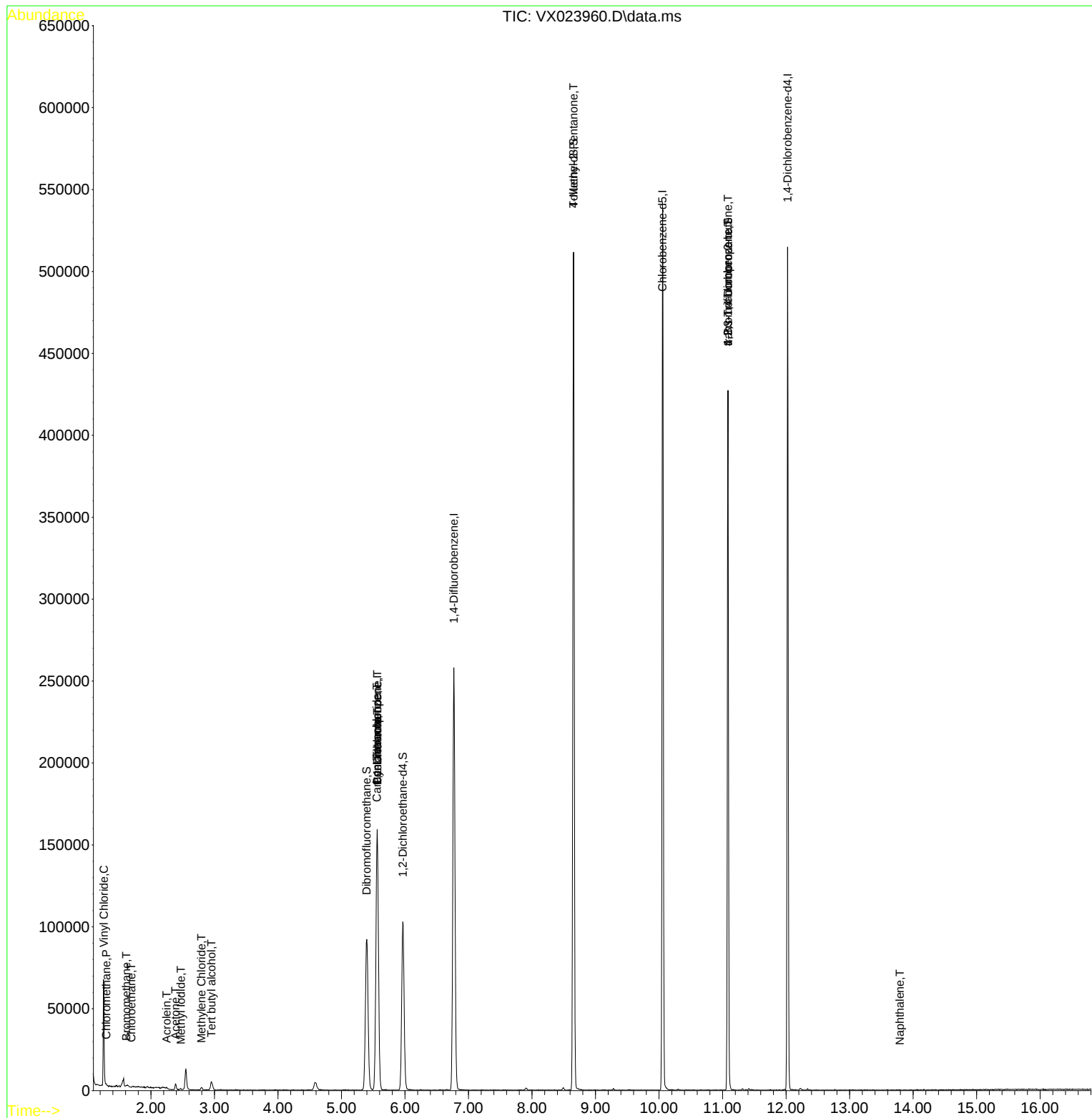
Internal Standards						
1) Pentafluorobenzene	5.562	168	145480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	249451	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102043	50.257	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.520%		
35) Dibromofluoromethane	5.397	113	81218	49.192	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.380%		
50) Toluene-d8	8.653	98	292603	46.563	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 93.120%		
62) 4-Bromofluorobenzene	11.085	95	105574	45.638	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 91.280%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	439	0.261	ug/l #	79
4) Vinyl Chloride	1.258	62	491	0.299	ug/l	90
5) Bromomethane	1.611	94	810	0.784	ug/l #	80
6) Chloroethane	1.690	64	80	2.273	ug/l #	43
10) Methyl Iodide	2.471	142	796	0.391	ug/l #	90
11) Tert butyl alcohol	2.952	59	3353	8.166	ug/l #	73
13) Acrolein	2.245	56	67	0.274	ug/l #	14
16) Acetone	2.385	43	3480	3.833	ug/l	98
20) Methylene Chloride	2.794	84	752	0.434	ug/l #	74
31) Cyclohexane	5.562	56	3394	1.301	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11801	5.108	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15334	6.366	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1631	0.568	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	56789	24.380	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56789	71.716	ug/l #	12
95) Naphthalene	13.792	128	200	1.309	ug/l #	69

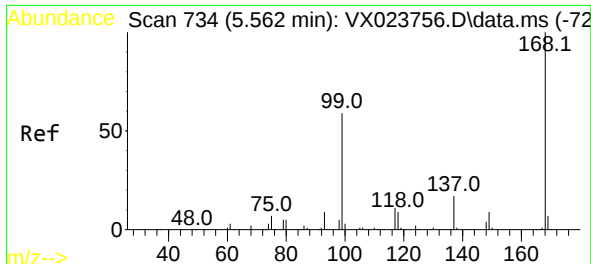
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Aug 27 05:55:15 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

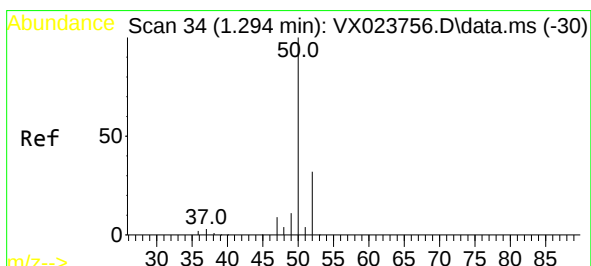
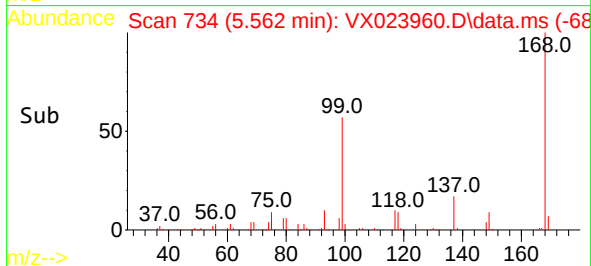
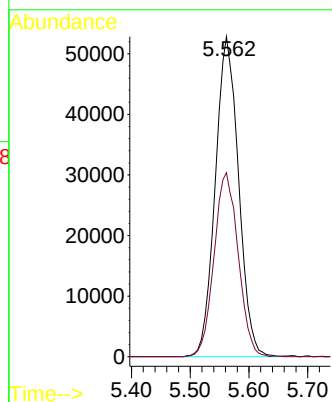
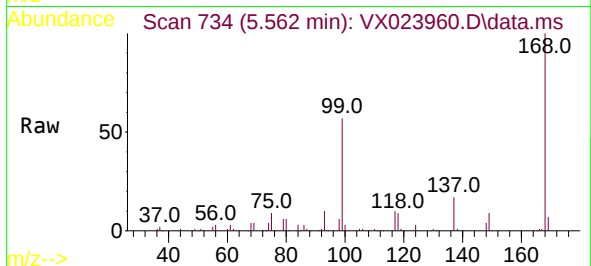




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

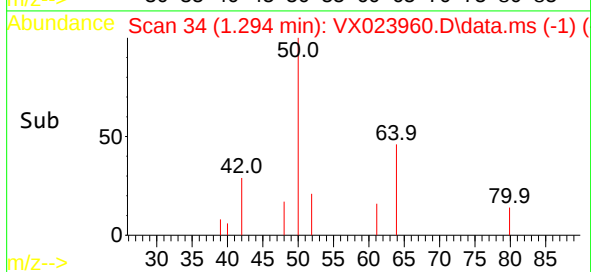
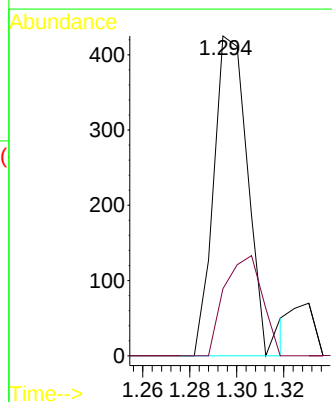
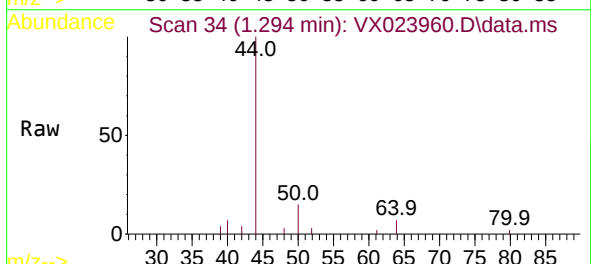
Instrument :
MSVOA_X
ClientSampled :

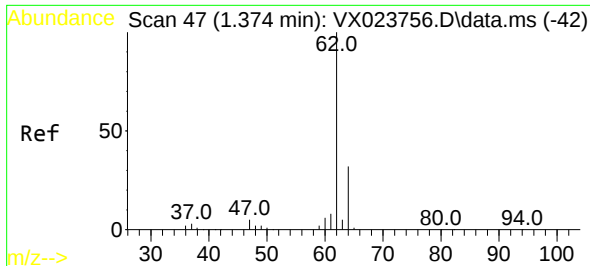
Tgt Ion:168 Resp: 145480
Ion Ratio Lower Upper
168 100
99 57.5 45.8 68.6



#3
Chloromethane
Concen: 0.261 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

Tgt Ion: 50 Resp: 439
Ion Ratio Lower Upper
50 100
52 20.9 26.4 39.6#

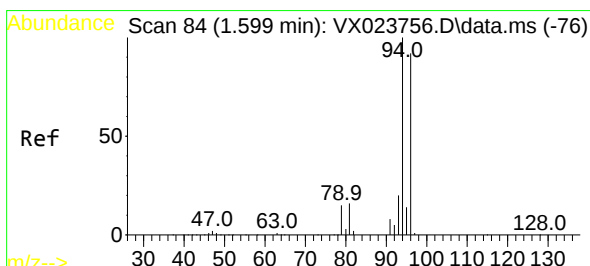
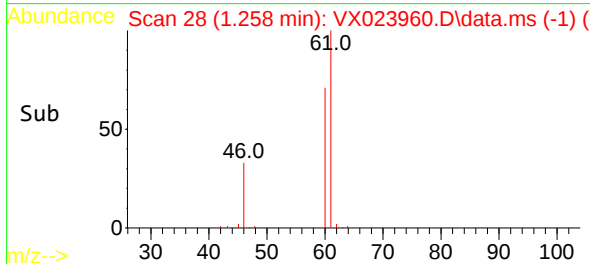
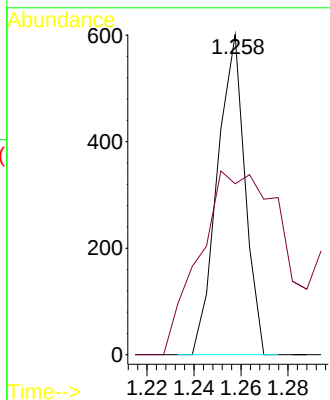
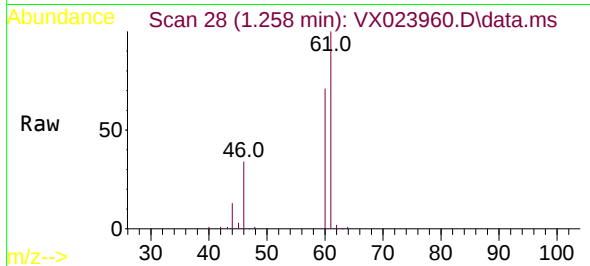




#4
 Vinyl Chloride
 Concen: 0.299 ug/l
 RT: 1.258 min Scan# 28
 Delta R.T. -0.116 min
 Lab File: VX023960.D
 Acq: 26 Aug 2021 13:11

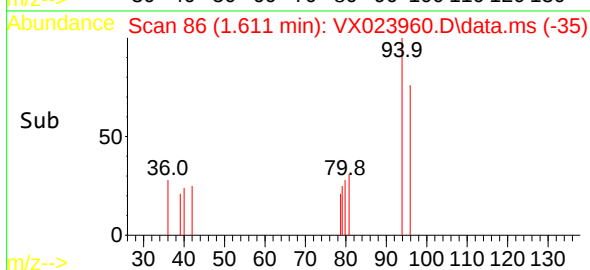
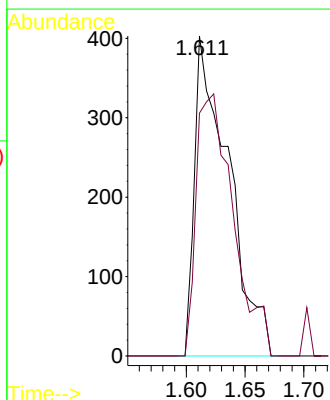
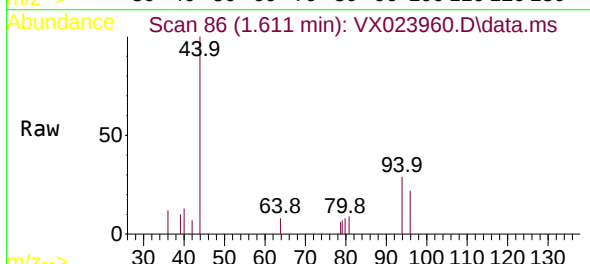
Instrument :
 MSVOA_X
 ClientSampled :

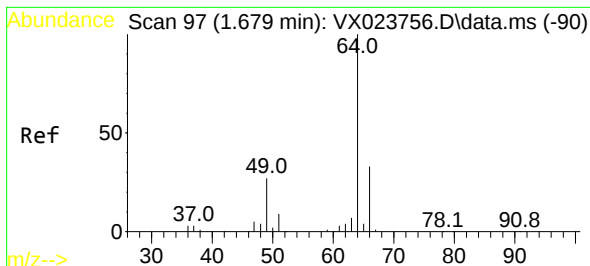
Tgt Ion: 62 Resp: 491
 Ion Ratio Lower Upper
 62 100
 64 37.4 25.7 38.5



#5
 Bromomethane
 Concen: 0.784 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.012 min
 Lab File: VX023960.D
 Acq: 26 Aug 2021 13:11

Tgt Ion: 94 Resp: 810
 Ion Ratio Lower Upper
 94 100
 96 75.9 76.4 114.6#

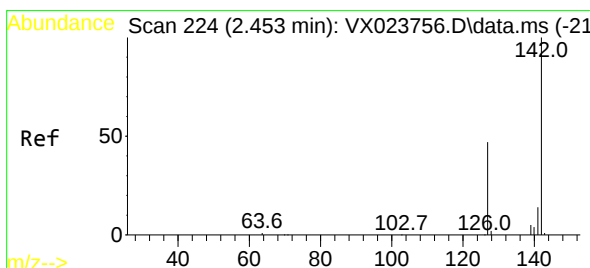
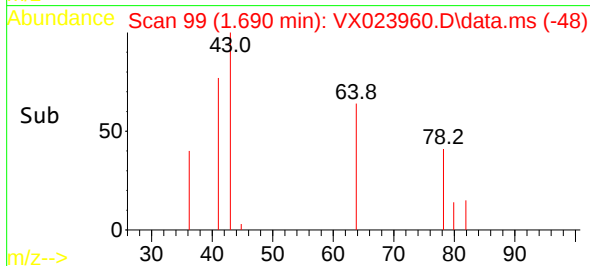
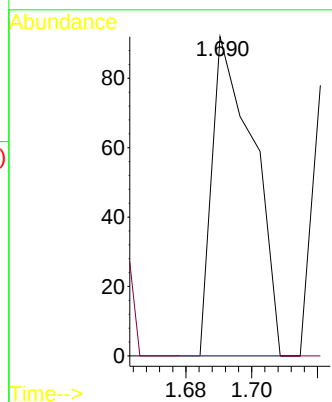
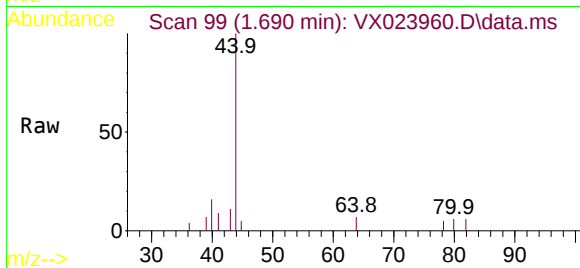




#6
Chloroethane
Concen: 2.273 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.011 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

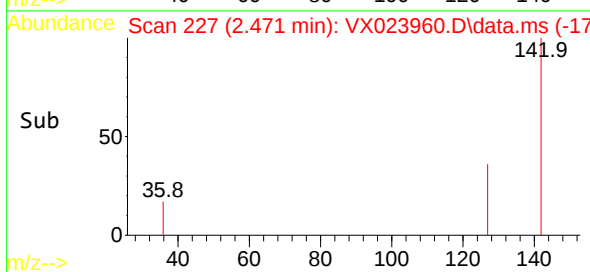
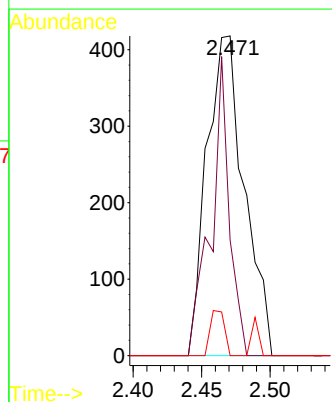
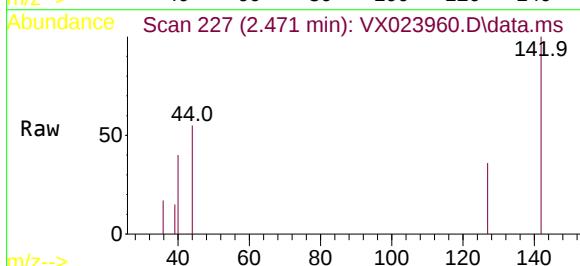
Instrument :
MSVOA_X
ClientSampled :

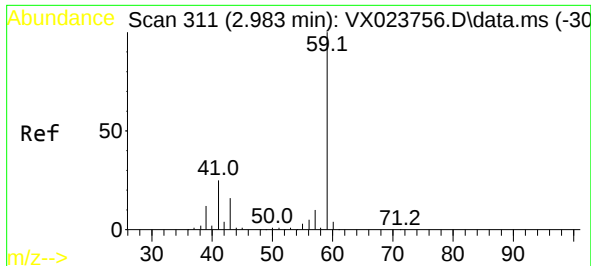
Tgt Ion: 64 Resp: 80
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.391 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

Tgt Ion: 142 Resp: 796
Ion Ratio Lower Upper
142 100
127 45.5 33.3 49.9
141 5.3 11.4 17.0#



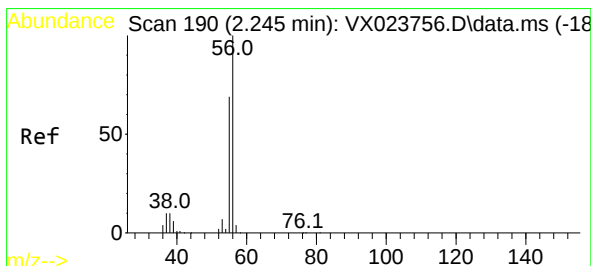
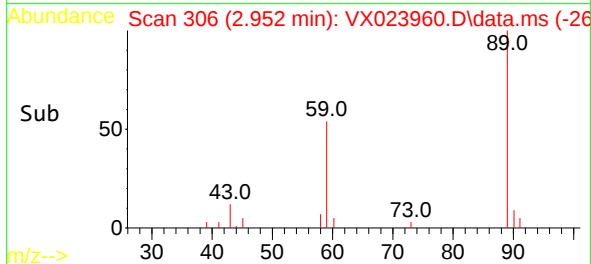
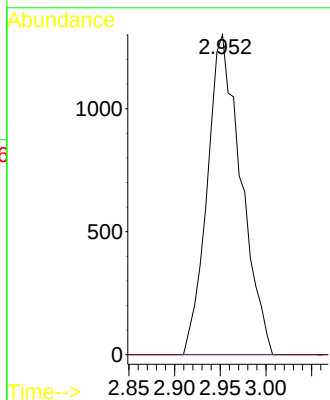
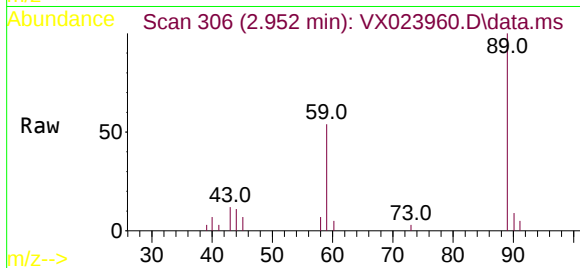


#11

Tert butyl alcohol
Concen: 8.166 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

Instrument :
MSVOA_X
ClientSampled :

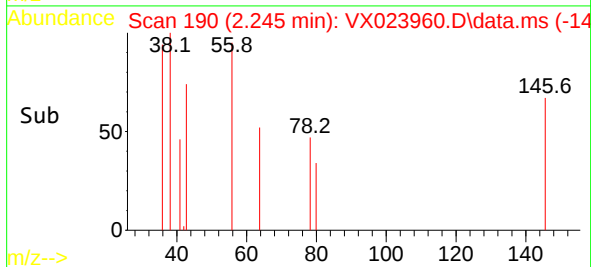
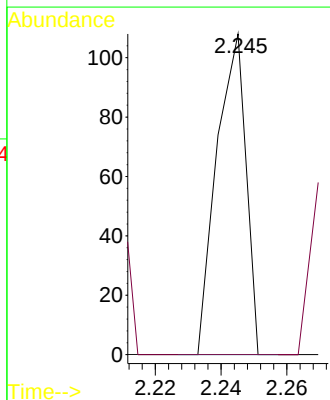
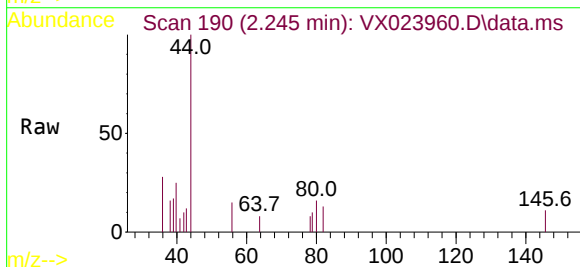
Tgt Ion: 59 Resp: 3353
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

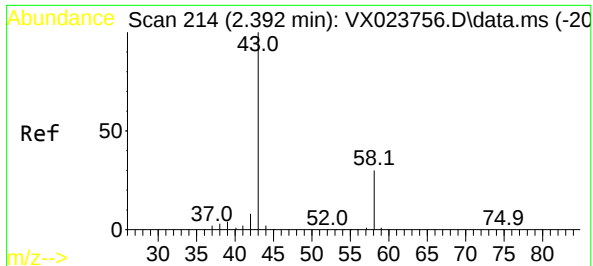


#13

Acrolein
Concen: 0.274 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.000 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

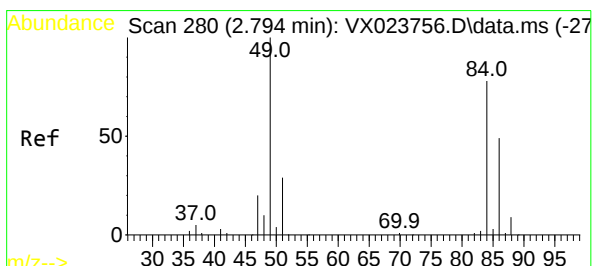
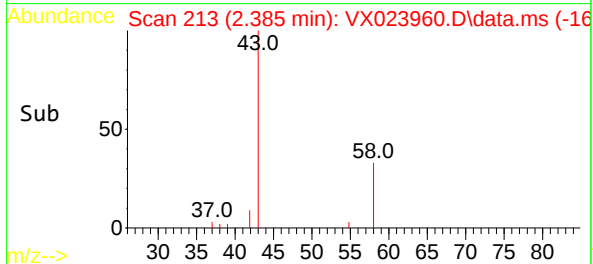
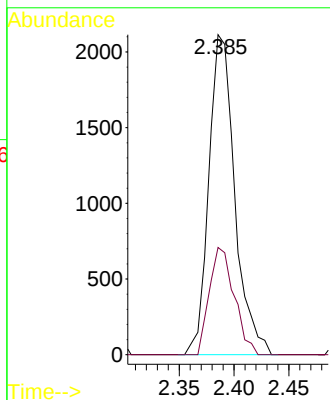
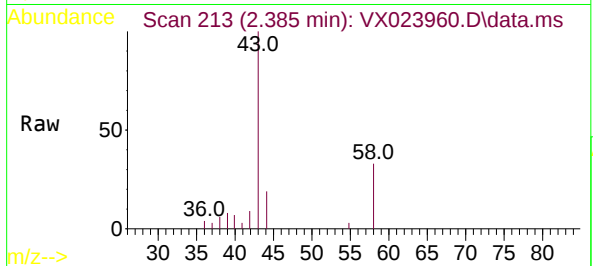




#16
Acetone
Concen: 3.833 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

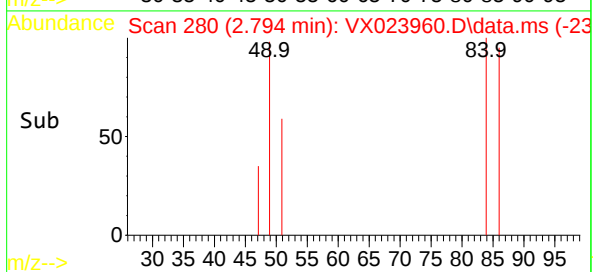
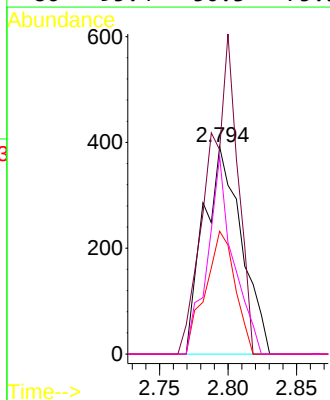
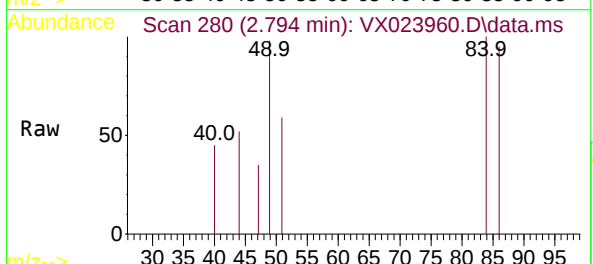
Instrument :
MSVOA_X
ClientSampled :

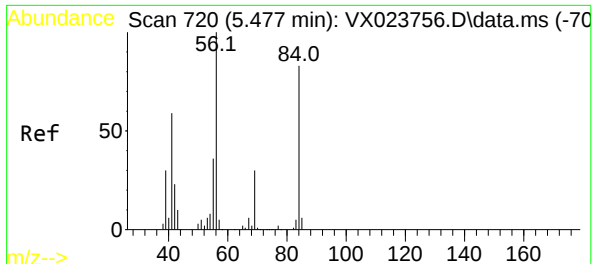
Tgt Ion: 43 Resp: 3480
Ion Ratio Lower Upper
43 100
58 33.5 27.8 41.8



#20
Methylene Chloride
Concen: 0.434 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

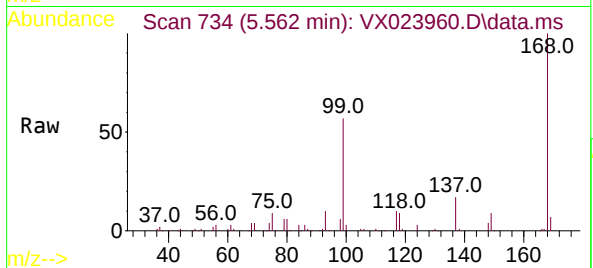
Tgt Ion: 84 Resp: 752
Ion Ratio Lower Upper
84 100
49 98.5 88.6 132.8
51 59.2 27.0 40.6#
86 95.4 50.3 75.5#



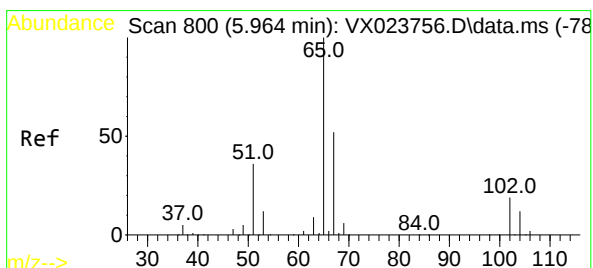
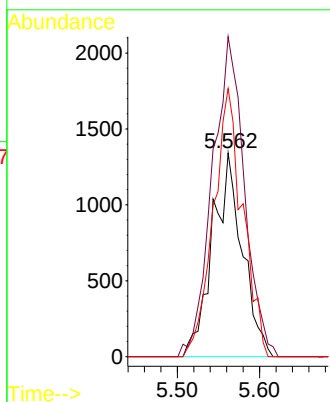
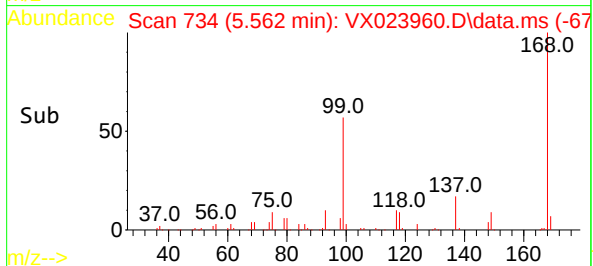


#31
Cyclohexane
Concen: 1.301 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

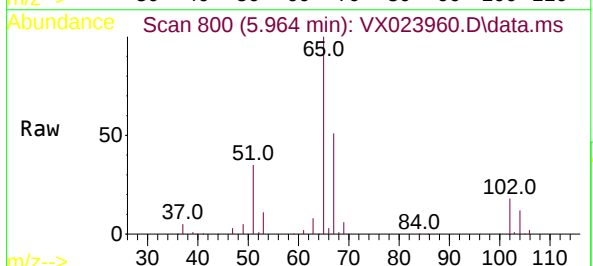
Instrument :
MSVOA_X
ClientSampleId :



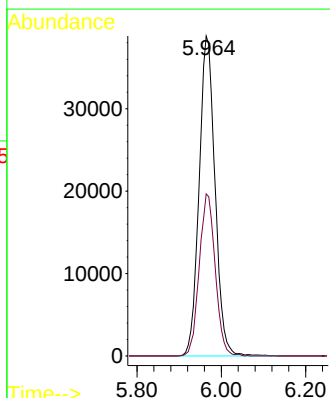
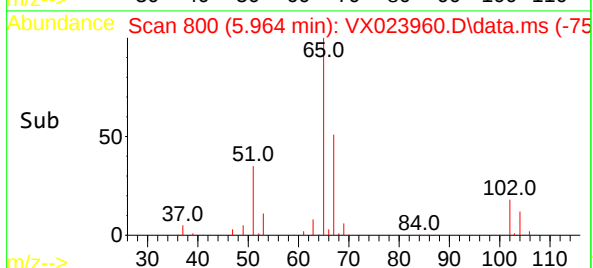
Tgt Ion: 56 Resp: 3394
Ion Ratio Lower Upper
56 100
69 157.1 25.3 37.9#
84 141.5 71.4 107.0#

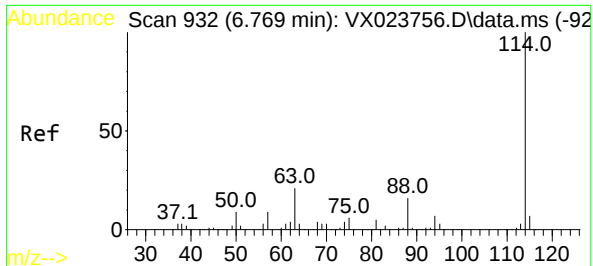


#33
1,2-Dichloroethane-d4
Concen: 50.257 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11



Tgt Ion: 65 Resp: 102043
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

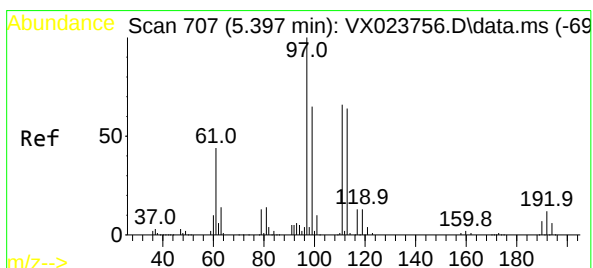
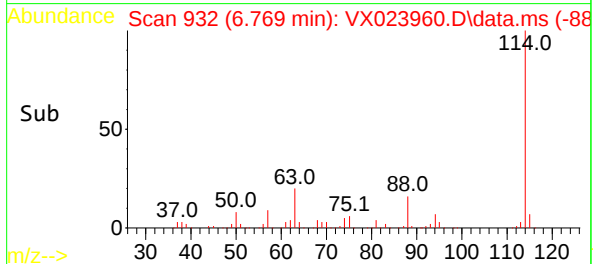
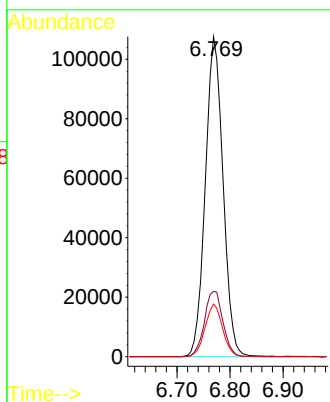
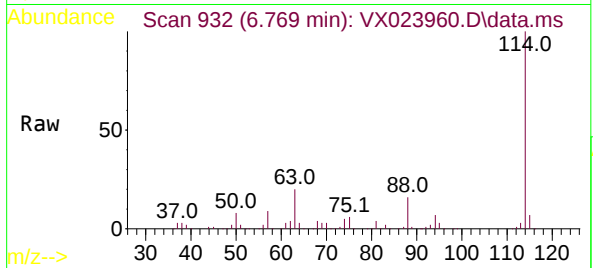




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

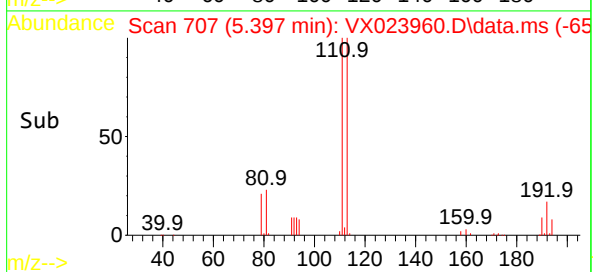
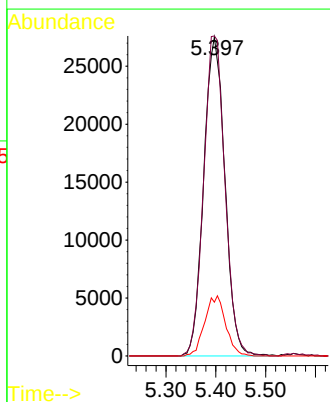
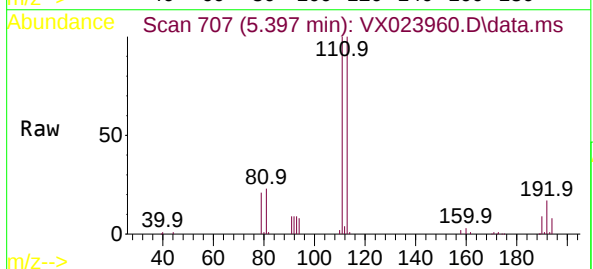
Instrument :
MSVOA_X
ClientSampleId :

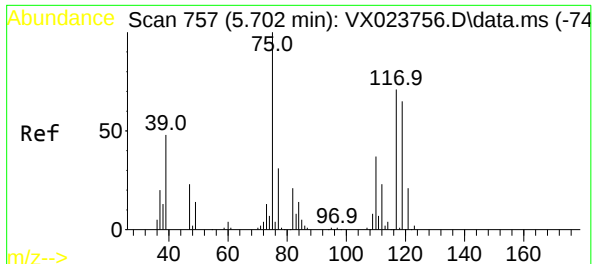
Tgt Ion:114 Resp: 249451
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.192 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

Tgt Ion:113 Resp: 81218
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 18.7 16.7 25.1

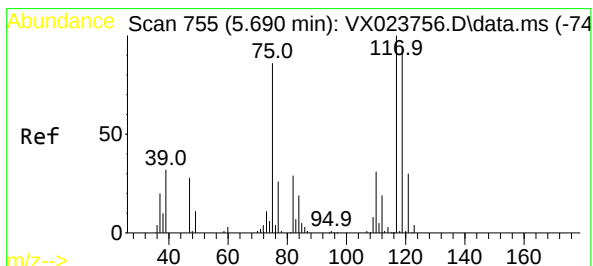
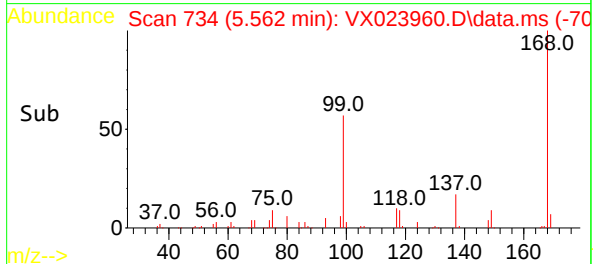
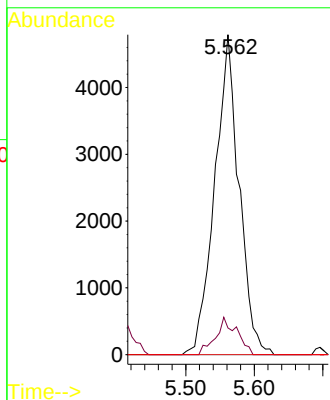
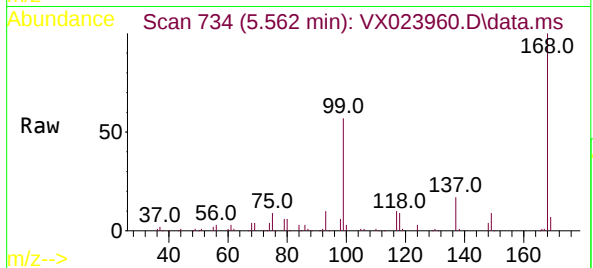




#36
1,1-Dichloropropene
Concen: 5.108 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

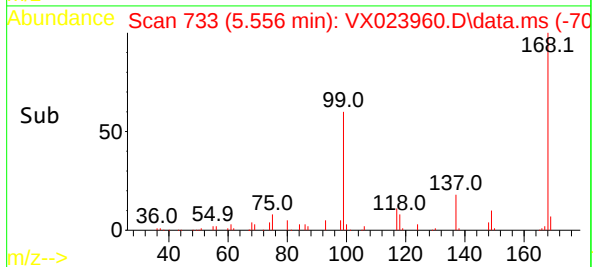
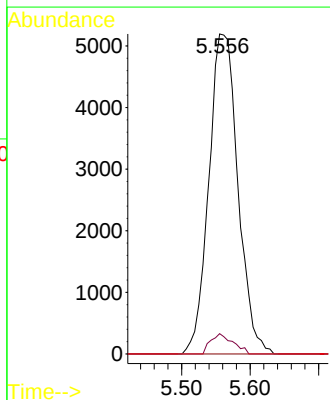
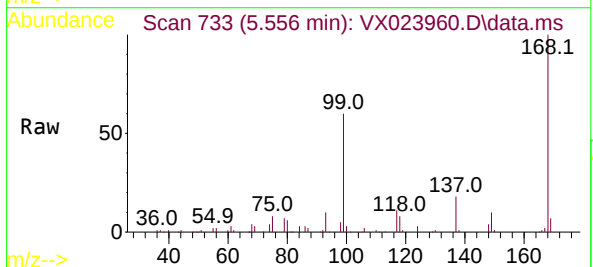
Instrument :
MSVOA_X
ClientSampled :

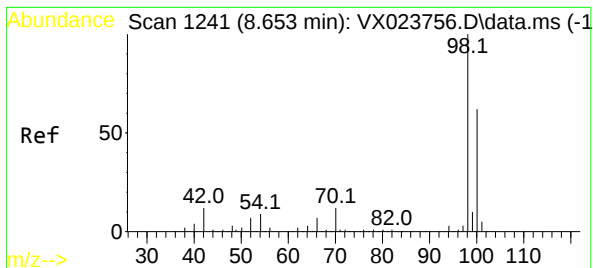
Tgt Ion: 75 Resp: 11801
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.366 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

Tgt Ion: 117 Resp: 15334
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#

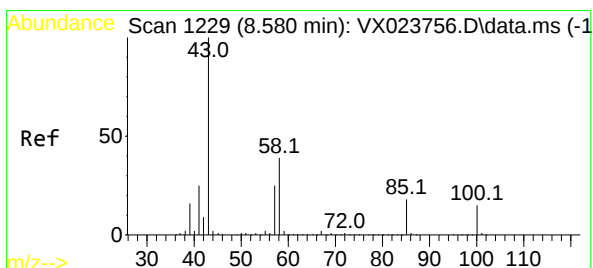
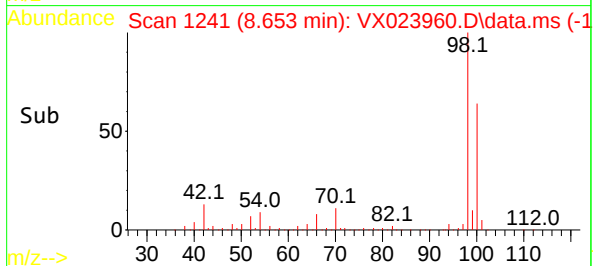
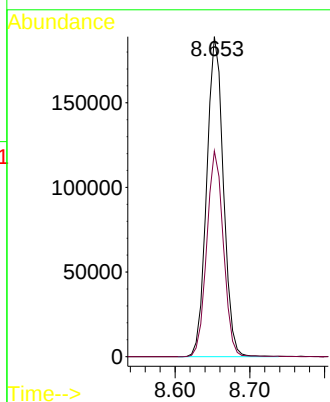
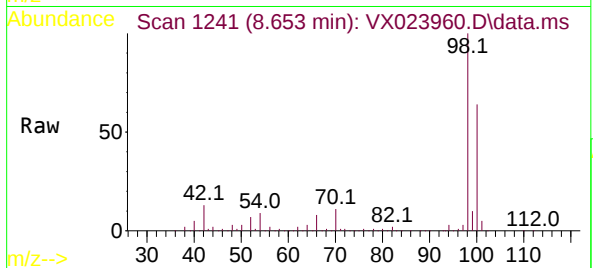




#50
Toluene-d8
Concen: 46.563 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

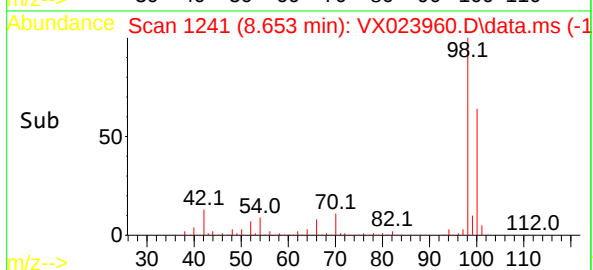
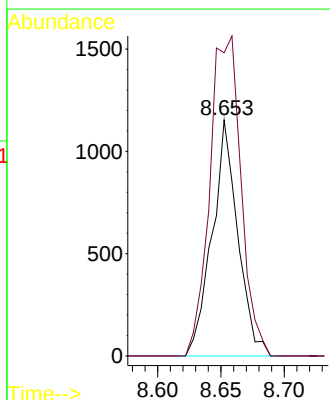
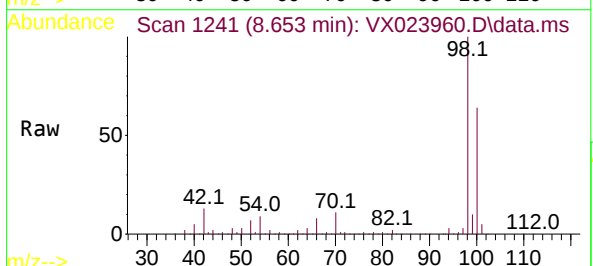
Instrument :
MSVOA_X
ClientSampled :

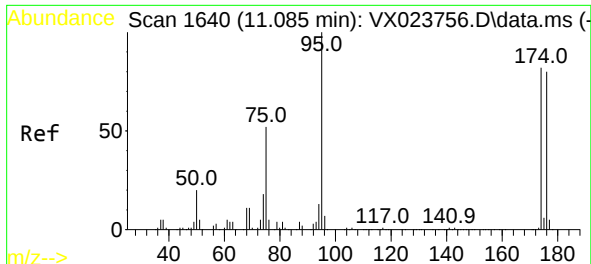
Tgt Ion: 98 Resp: 292603
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.568 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

Tgt Ion: 43 Resp: 1631
Ion Ratio Lower Upper
43 100
58 164.6 35.4 53.0#

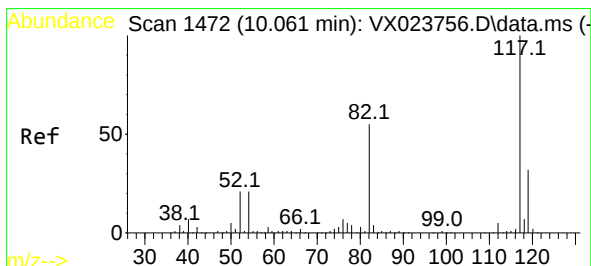
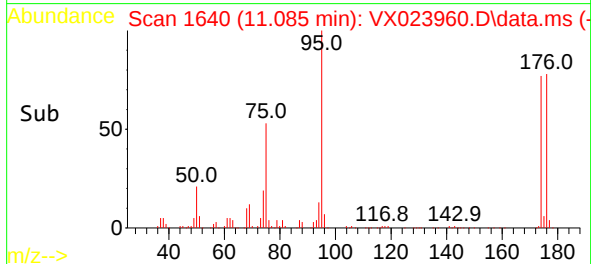
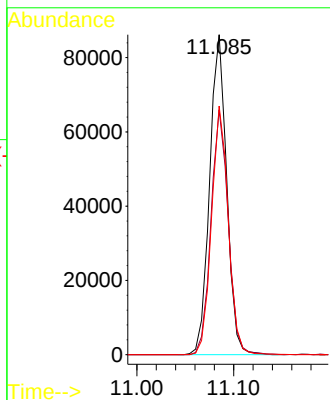
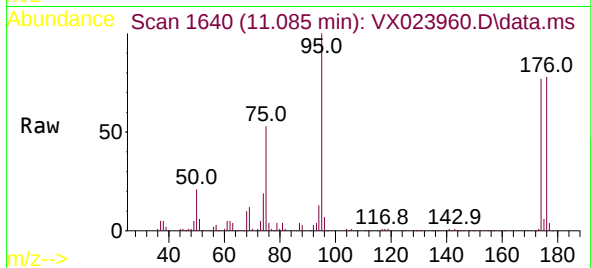




#62
4-Bromofluorobenzene
Concen: 45.638 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

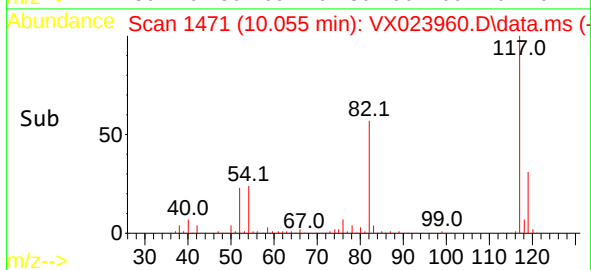
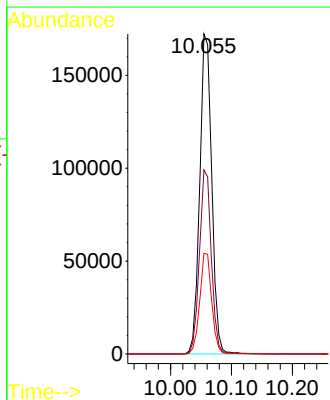
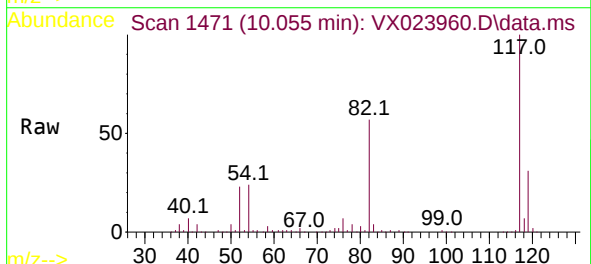
Instrument :
MSVOA_X
ClientSampleId :

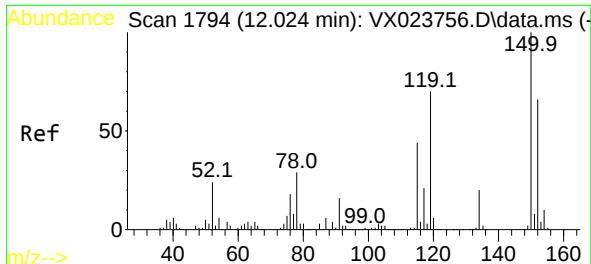
Tgt Ion: 95 Resp: 105574
Ion Ratio Lower Upper
95 100
174 77.4 0.0 154.6
176 76.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

Tgt Ion: 117 Resp: 236726
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 31.4 26.6 39.8

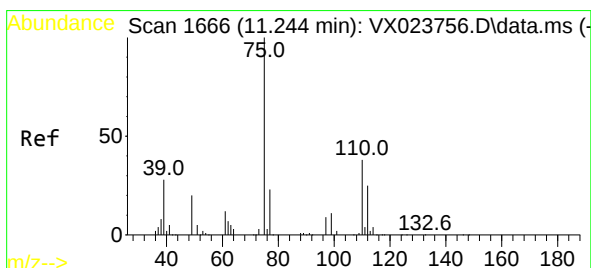
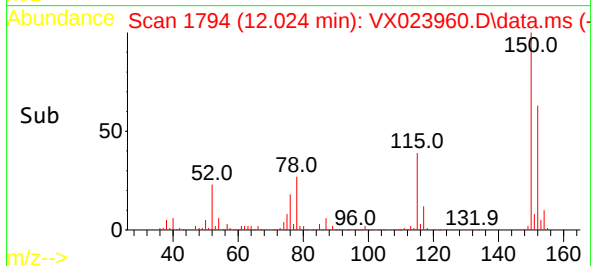
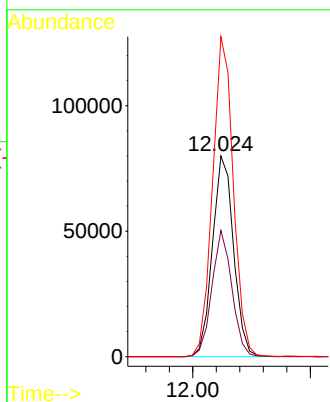
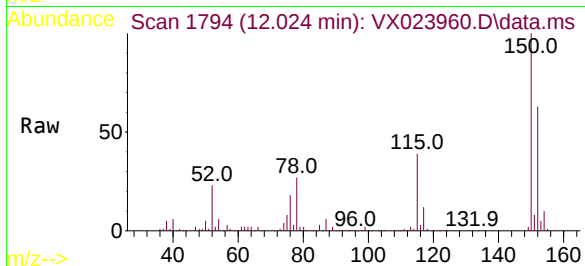




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

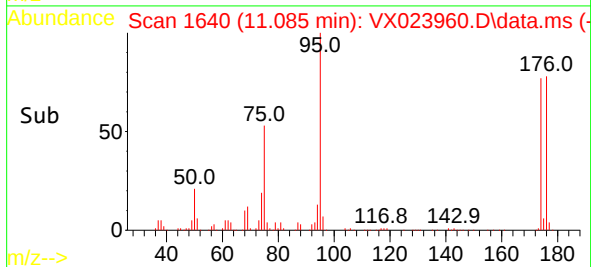
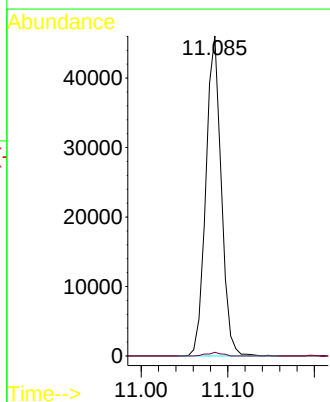
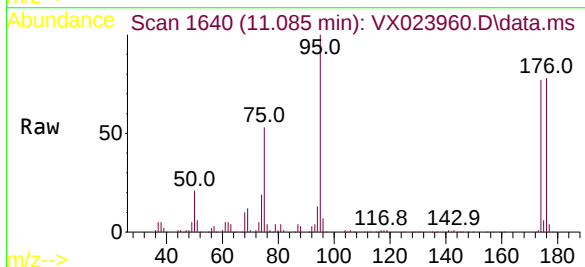
Instrument :
MSVOA_X
ClientSampled :

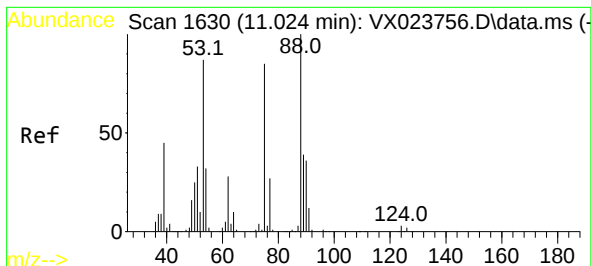
Tgt Ion:152 Resp: 99852
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 156.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.380 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

Tgt Ion: 75 Resp: 56789
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

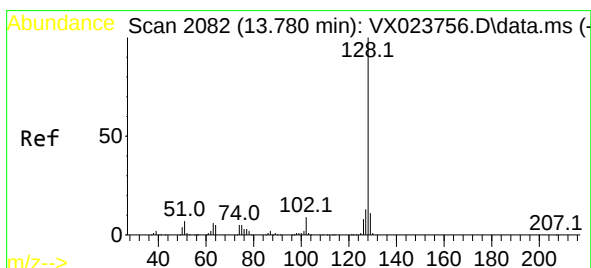
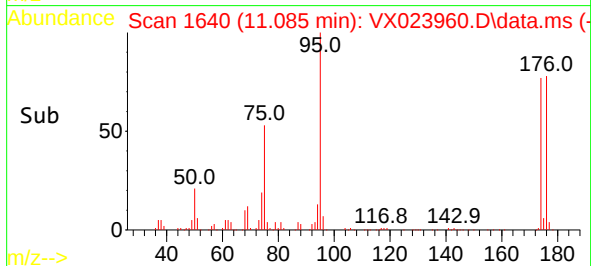
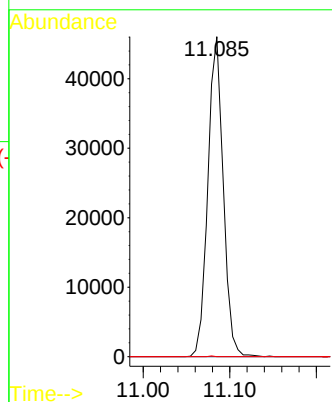
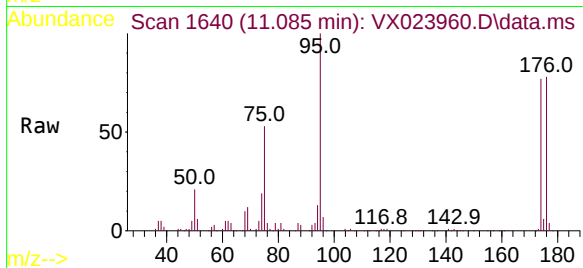




#81
trans-1,4-Dichloro-2-butene
Concen: 71.716 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 56789
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.309 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.012 min
Lab File: VX023960.D
Acq: 26 Aug 2021 13:11

Tgt Ion: 128 Resp: 200
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

