

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070621\
 Data File : VX023144.D
 Acq On : 06 Jul 2021 14:32
 Operator : JC/MD
 Sample : M2923-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 07 02:51:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

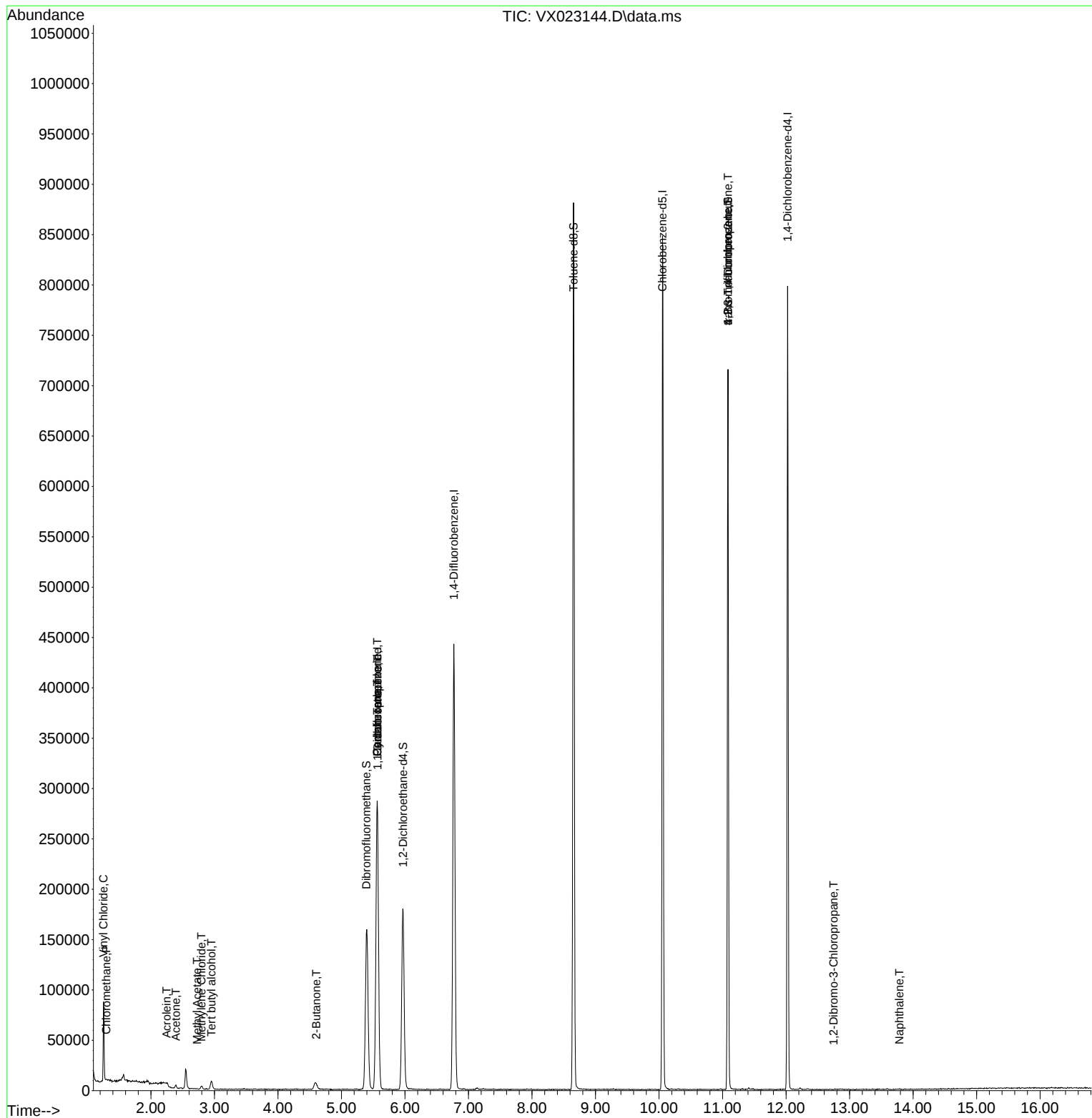
Internal Standards						
1) Pentafluorobenzene	5.562	168	263065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	438296	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	386639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	180842	51.149	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.300%		
35) Dibromofluoromethane	5.391	113	139003	49.112	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.220%		
50) Toluene-d8	8.653	98	513615	48.648	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.300%		
62) 4-Bromofluorobenzene	11.085	95	186520	45.762	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 91.520%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	688	0.292	ug/l	90
4) Vinyl Chloride	1.252	62	685	0.274	ug/l #	62
5) Bromomethane	1.581	94	83	Below Cal	#	2
11) Tert butyl alcohol	2.953	59	4484	6.029	ug/l #	77
13) Acrolein	2.245	56	196	0.396	ug/l #	1
16) Acetone	2.392	43	3328	2.379	ug/l	94
18) Methyl Acetate	2.727	43	723	0.213	ug/l #	47
20) Methylene Chloride	2.794	84	1262	0.419	ug/l #	87
25) 2-Butanone	4.605	43	752	0.357	ug/l #	45
31) Cyclohexane	5.562	56	5964	1.409	ug/l #	17
36) 1,1-Dichloropropene	5.568	75	21260	5.441	ug/l #	49
38) Carbon Tetrachloride	5.562	117	28364	6.955	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	95088	29.650	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	95088	79.666	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	12.750	75	20	2.592	ug/l #	1
95) Naphthalene	13.786	128	558	1.321	ug/l #	69

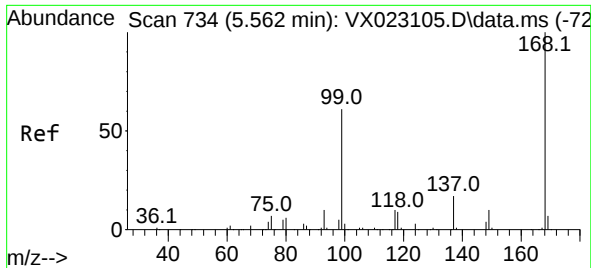
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

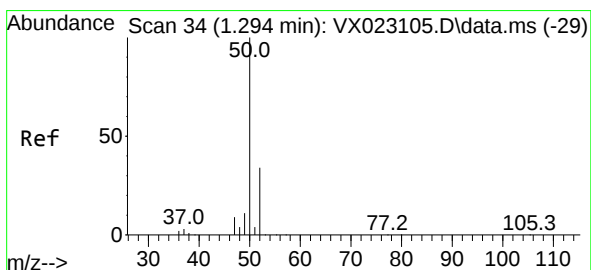
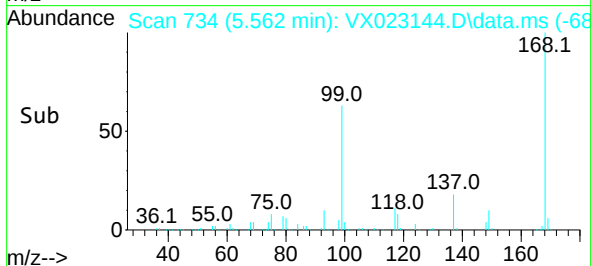
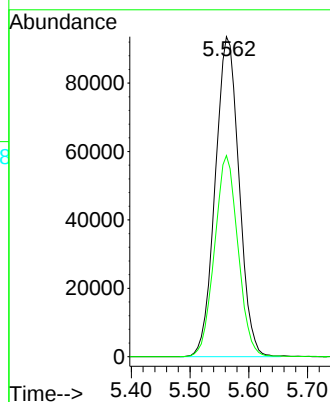
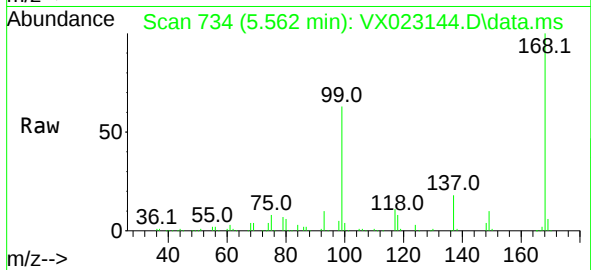




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

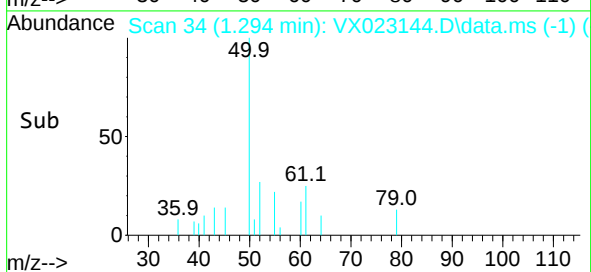
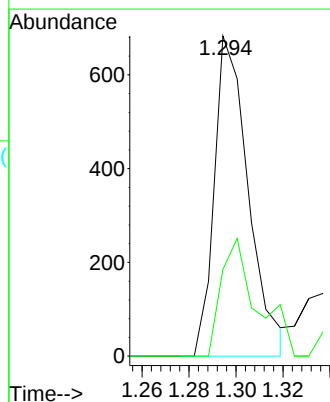
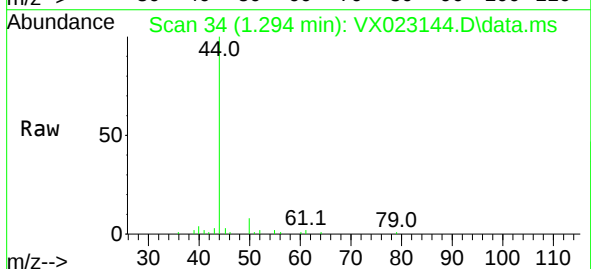
Instrument :
MSVOA_X
ClientSampleId :

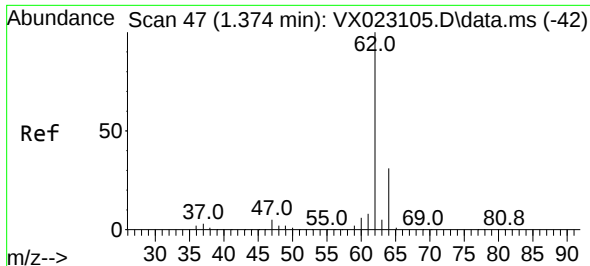
Tgt Ion:168 Resp: 263065
Ion Ratio Lower Upper
168 100
99 62.9 45.8 68.6



#3
Chloromethane
Concen: 0.292 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

Tgt Ion: 50 Resp: 688
Ion Ratio Lower Upper
50 100
52 27.1 26.4 39.6

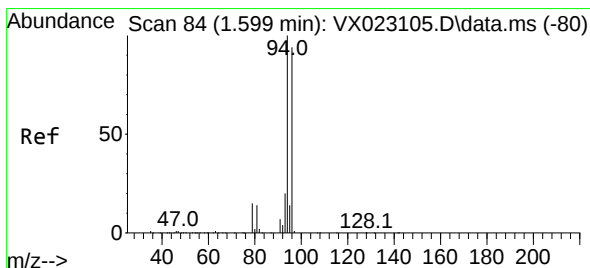
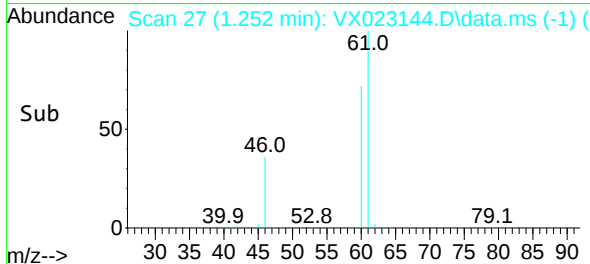
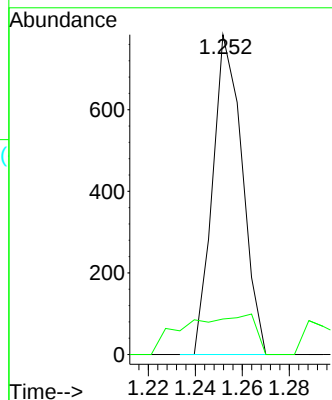
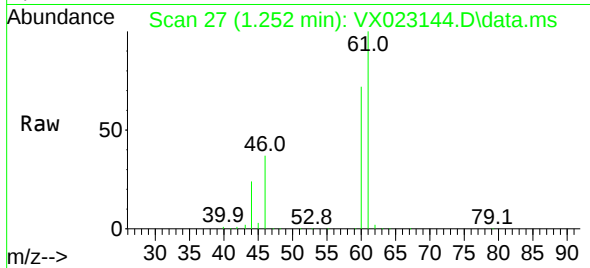




#4
 Vinyl Chloride
 Concen: 0.274 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023144.D
 Acq: 06 Jul 2021 14:32

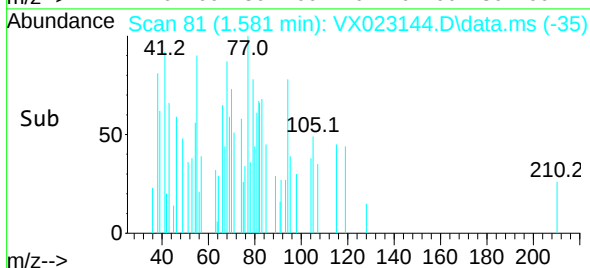
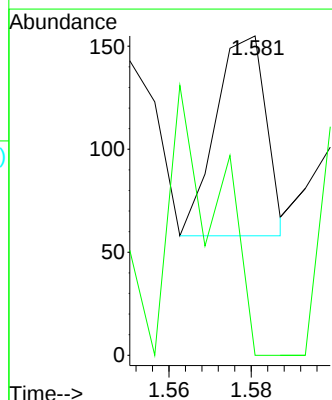
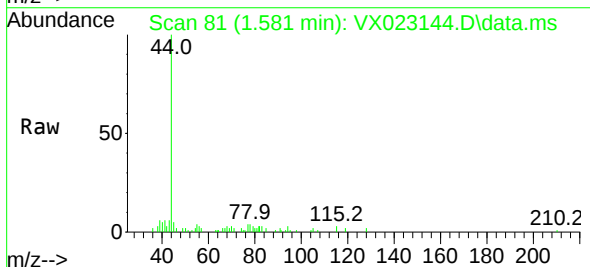
Instrument :
 MSVOA_X
 ClientSampleId :

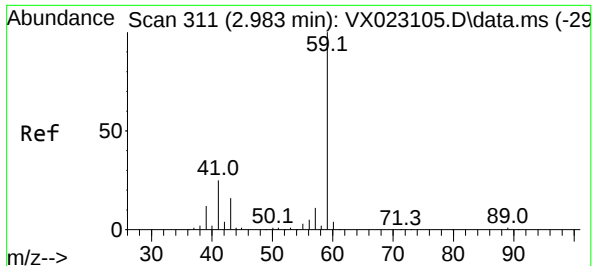
Tgt Ion: 62 Resp: 685
 Ion Ratio Lower Upper
 62 100
 64 11.1 25.7 38.5#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.581 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: VX023144.D
 Acq: 06 Jul 2021 14:32

Tgt Ion: 94 Resp: 83
 Ion Ratio Lower Upper
 94 100
 96 0.0 76.4 114.6#



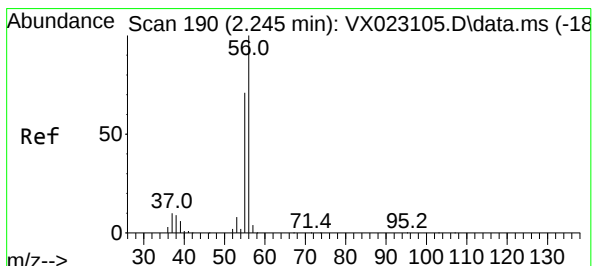
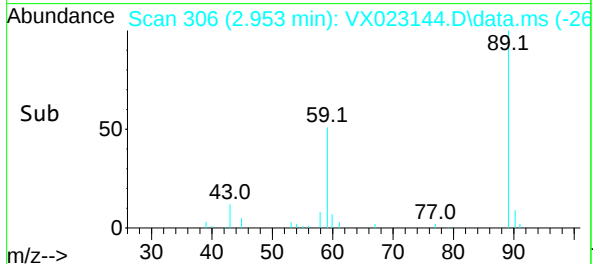
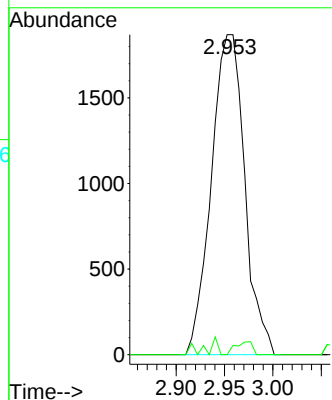
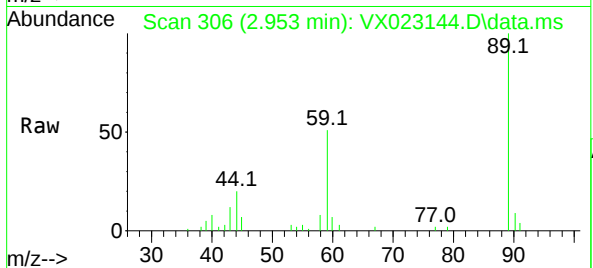


#11

Tert butyl alcohol
Concen: 6.029 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

Instrument :
MSVOA_X
ClientSampled :

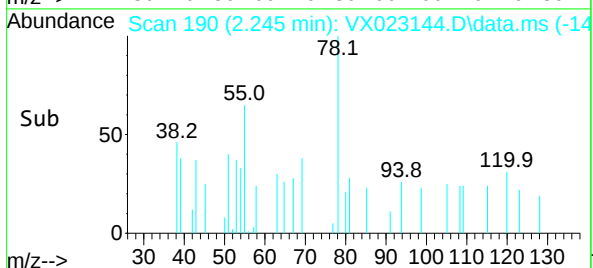
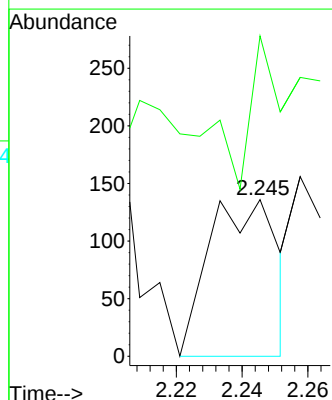
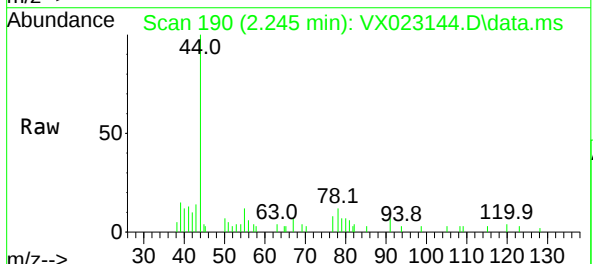
Tgt Ion: 59 Resp: 4484
Ion Ratio Lower Upper
59 100
57 1.3 7.8 11.8#

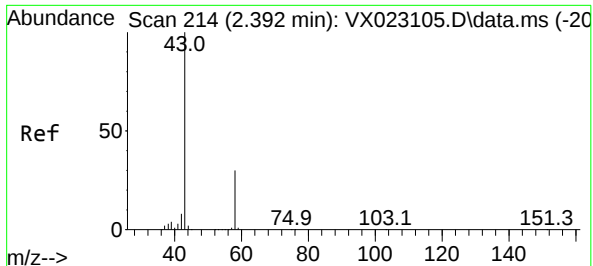


#13

Acrolein
Concen: 0.396 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.000 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

Tgt Ion: 56 Resp: 196
Ion Ratio Lower Upper
56 100
55 189.8 56.4 84.6#

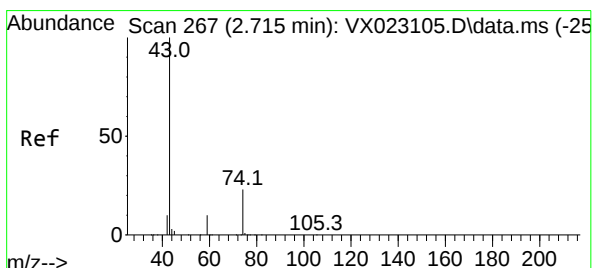
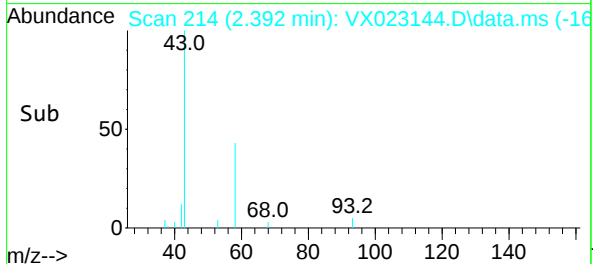
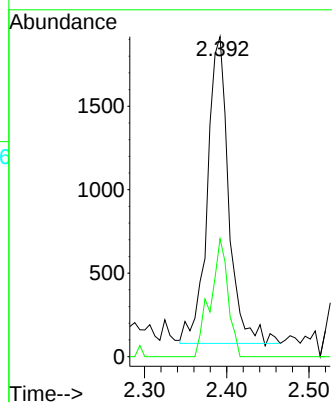
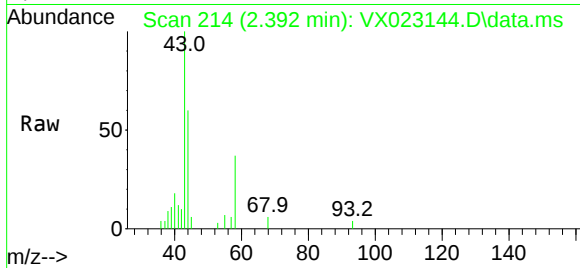




#16
Acetone
Concen: 2.379 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

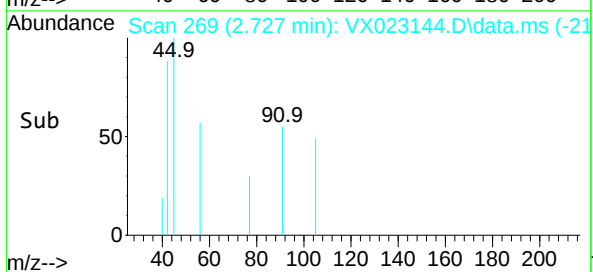
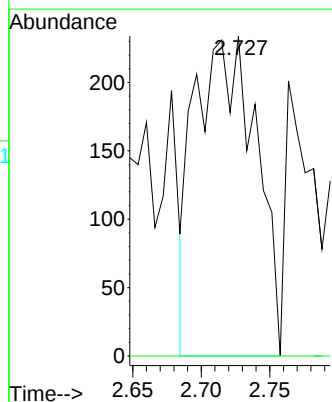
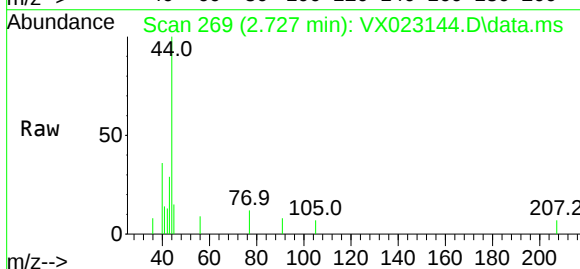
Instrument :
MSVOA_X
ClientSampled :

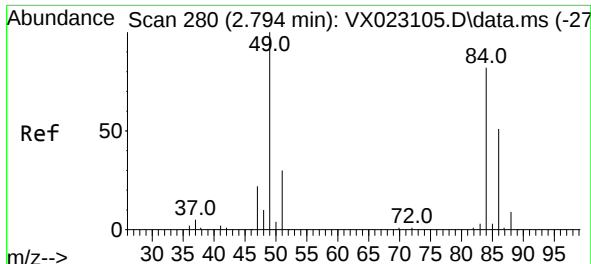
Tgt Ion: 43 Resp: 3328
Ion Ratio Lower Upper
43 100
58 38.4 27.8 41.8



#18
Methyl Acetate
Concen: 0.213 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.012 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

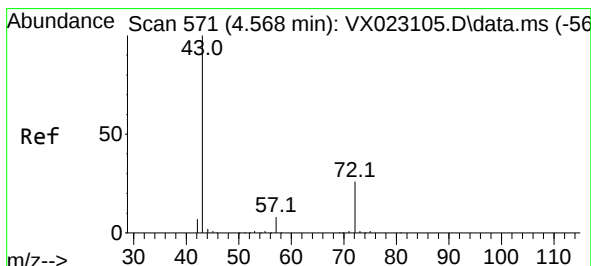
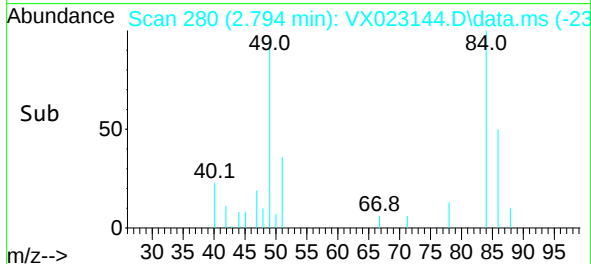
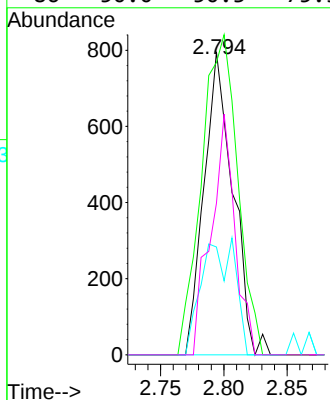
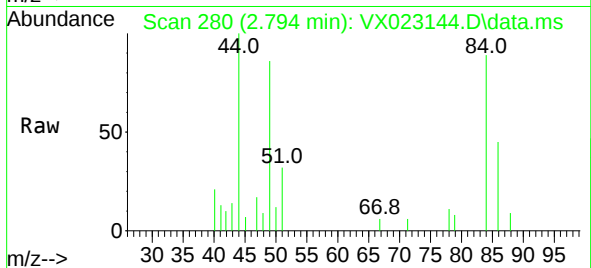




#20
Methylene Chloride
Concen: 0.419 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

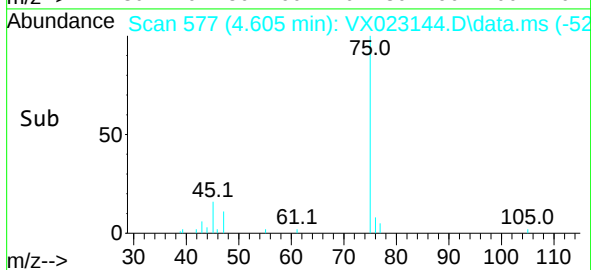
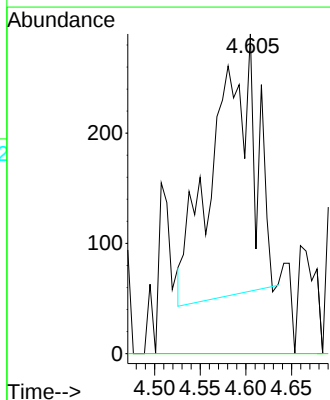
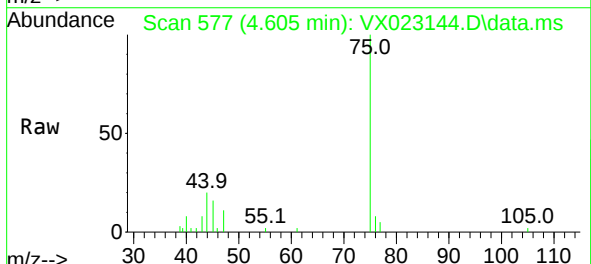
Instrument :
MSVOA_X
ClientSampleId :

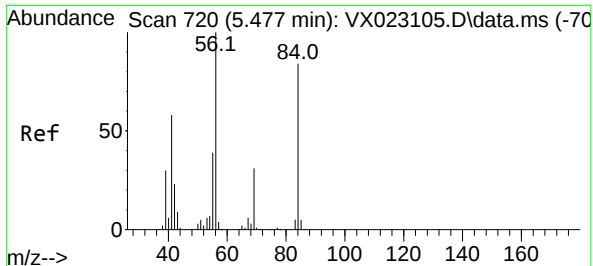
Tgt Ion:	84	Resp:	1262
Ion	Ratio	Lower	Upper
84	100		
49	96.5	88.6	132.8
51	35.6	27.0	40.6
86	50.0	50.3	75.5#



#25
2-Butanone
Concen: 0.357 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.037 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

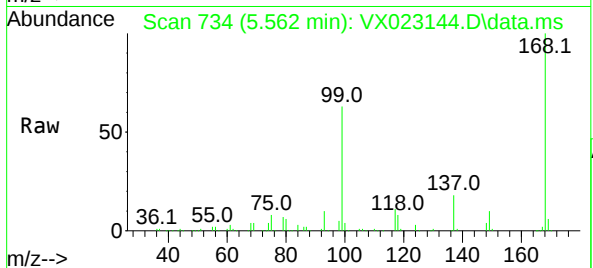
Tgt Ion:	43	Resp:	752
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#



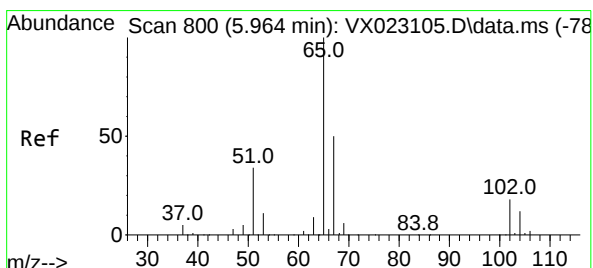
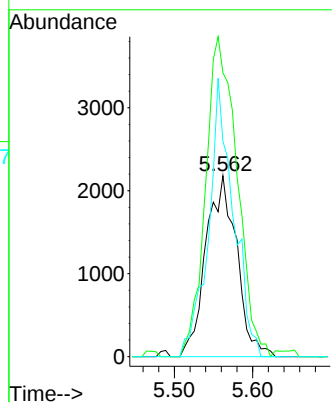
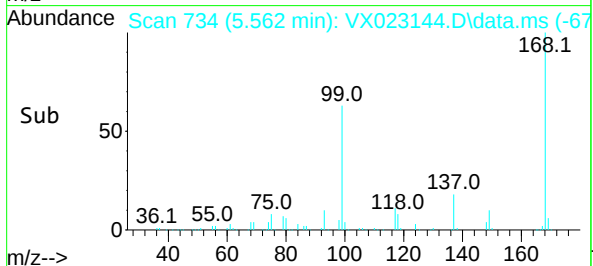


#31
Cyclohexane
Concen: 1.409 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

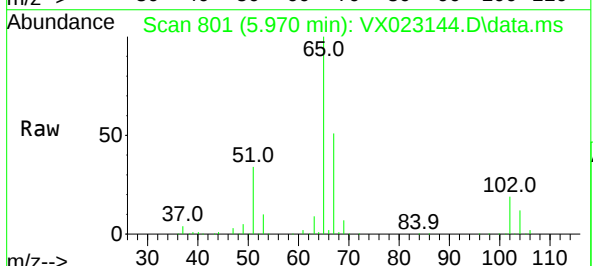
Instrument :
MSVOA_X
ClientSampled :



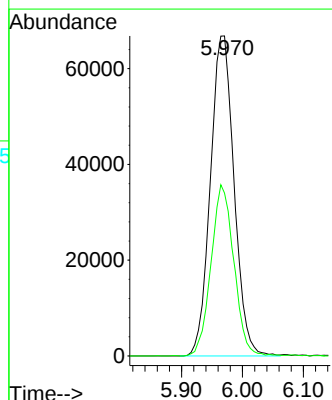
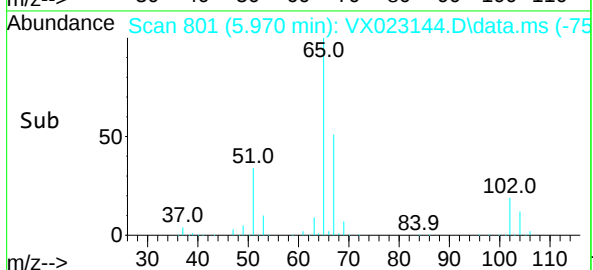
Tgt Ion: 56 Resp: 5964
Ion Ratio Lower Upper
56 100
69 156.9 25.3 37.9#
84 119.0 71.4 107.0#

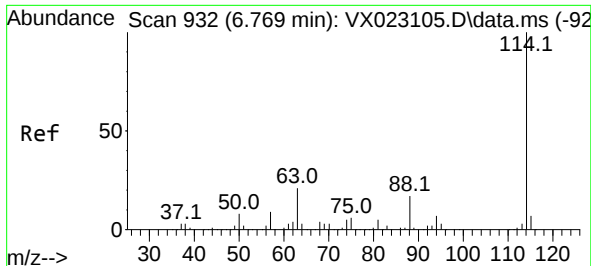


#33
1,2-Dichloroethane-d4
Concen: 51.149 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32



Tgt Ion: 65 Resp: 180842
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

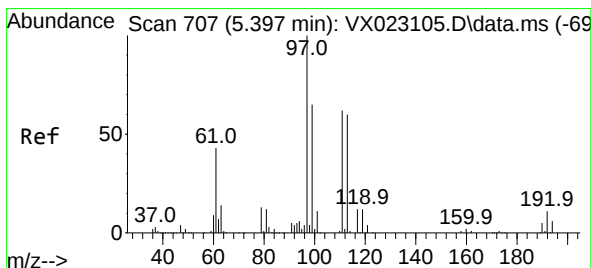
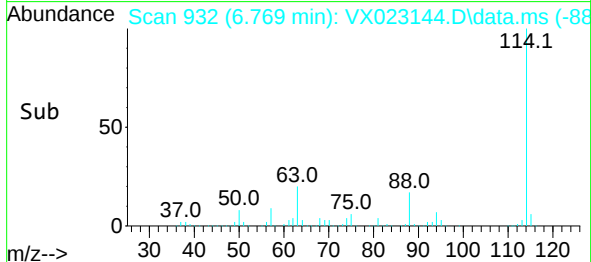
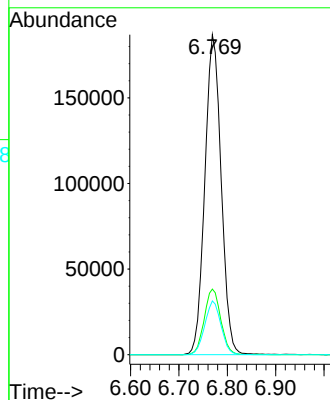
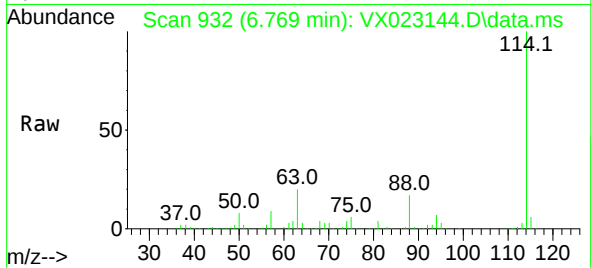




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

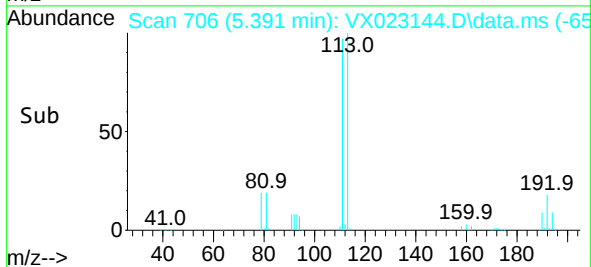
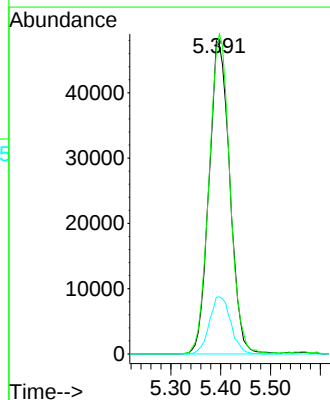
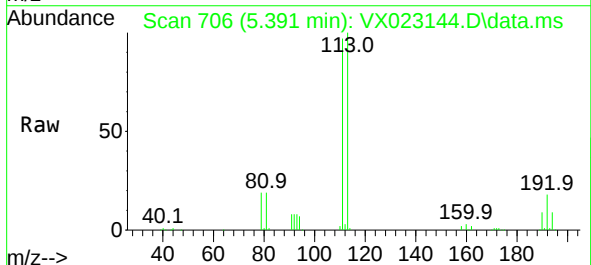
Instrument :
MSVOA_X
ClientSampled :

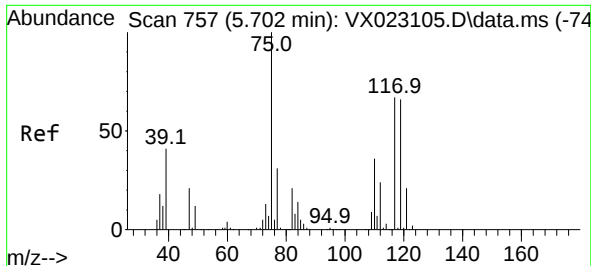
Tgt Ion:114 Resp: 438296
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.112 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

Tgt Ion:113 Resp: 139003
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 18.7 16.7 25.1

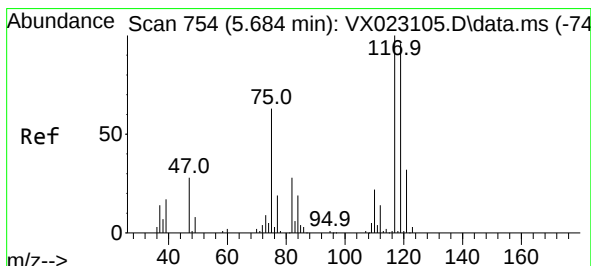
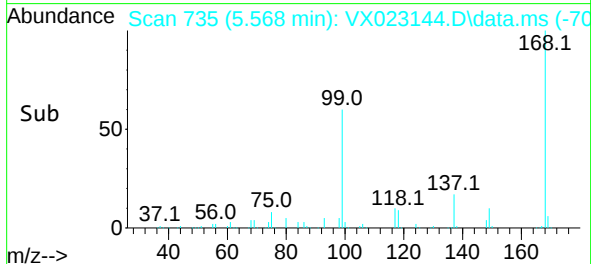
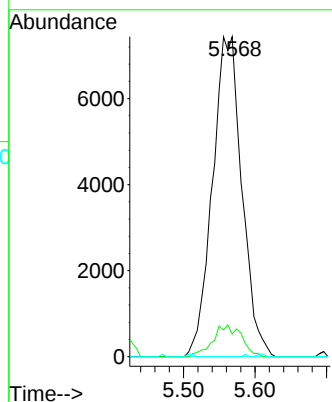
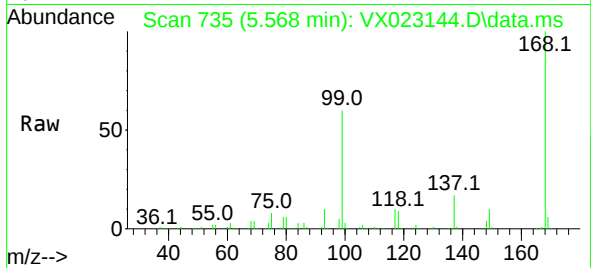




#36
1,1-Dichloropropene
Concen: 5.441 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

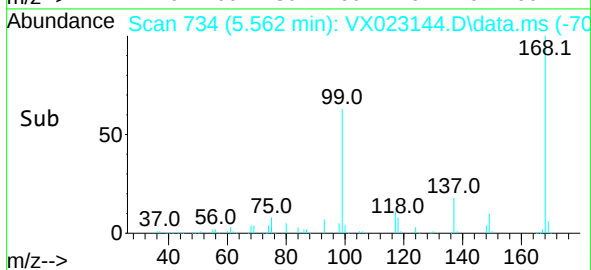
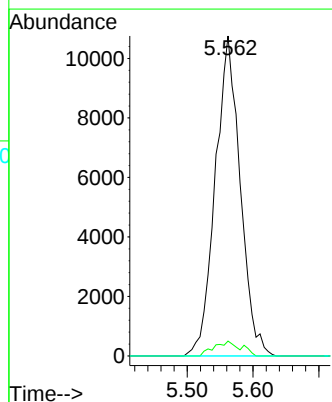
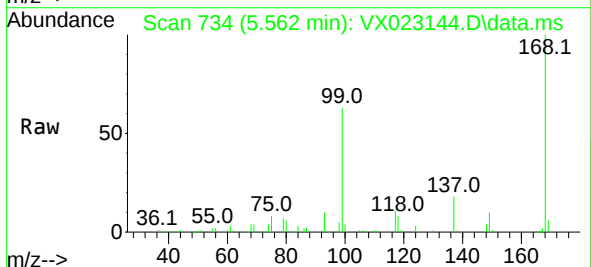
Instrument :
MSVOA_X
ClientSampled :

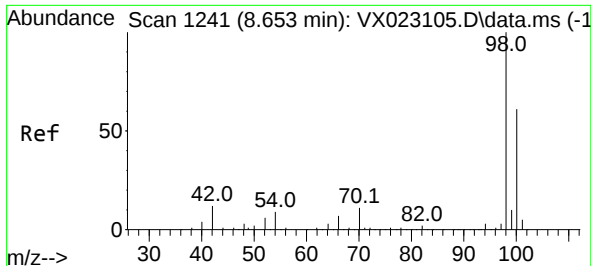
Tgt Ion: 75 Resp: 21260
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.955 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

Tgt Ion: 117 Resp: 28364
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#

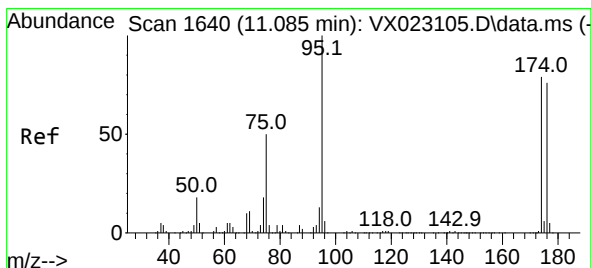
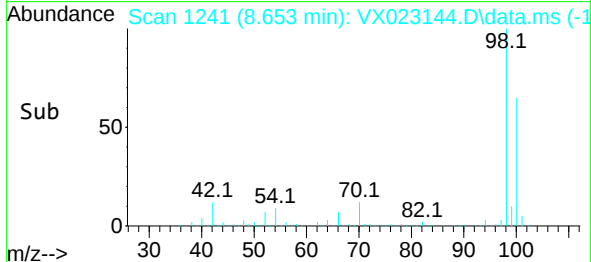
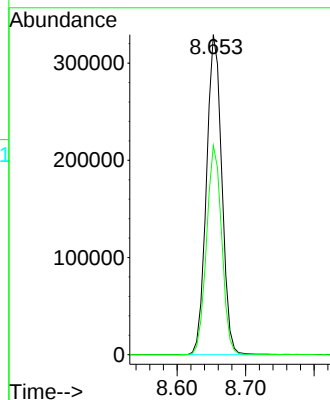
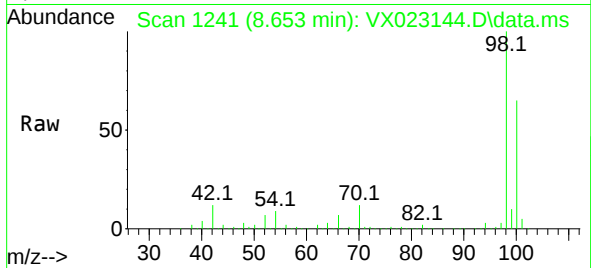




#50
Toluene-d8
Concen: 48.648 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

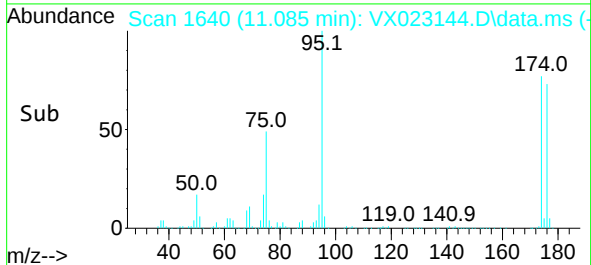
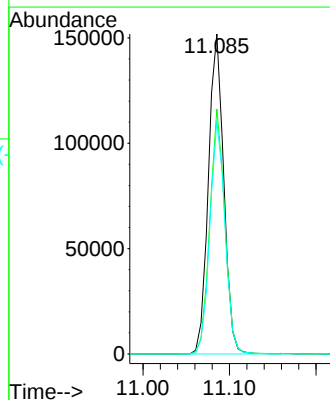
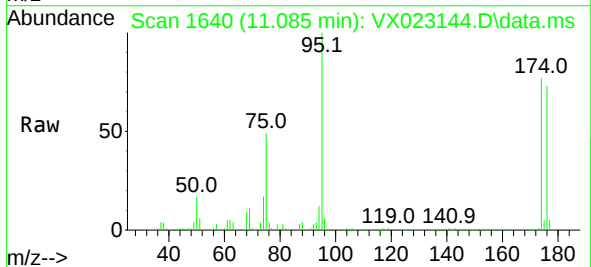
Instrument :
MSVOA_X
ClientSampled :

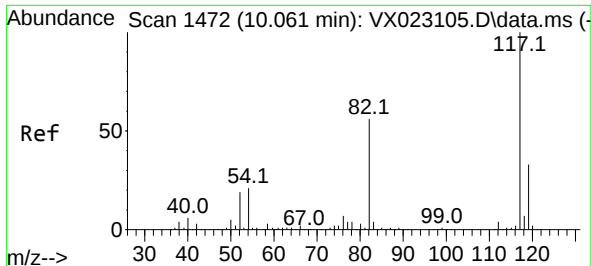
Tgt Ion: 98 Resp: 513615
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.762 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

Tgt Ion: 95 Resp: 186520
Ion Ratio Lower Upper
95 100
174 75.4 0.0 154.6
176 71.7 0.0 155.8

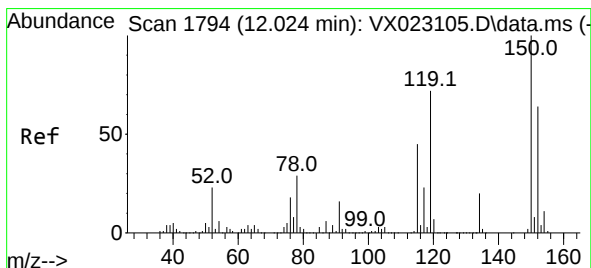
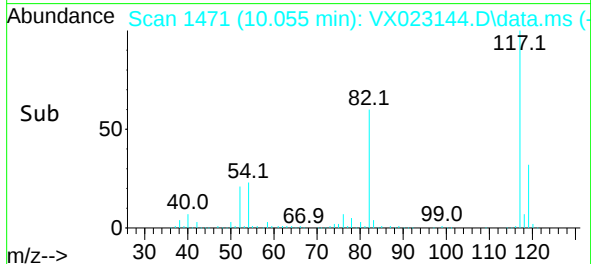
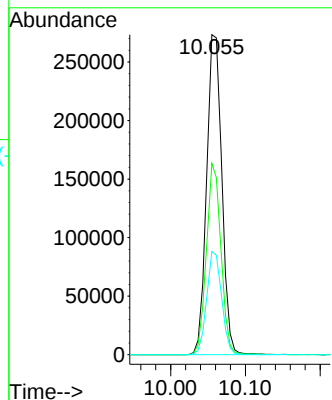
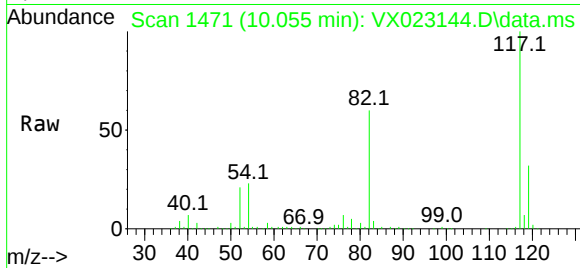




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

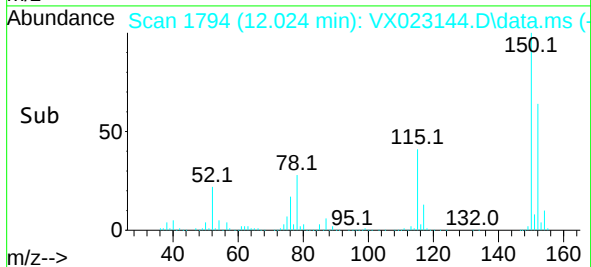
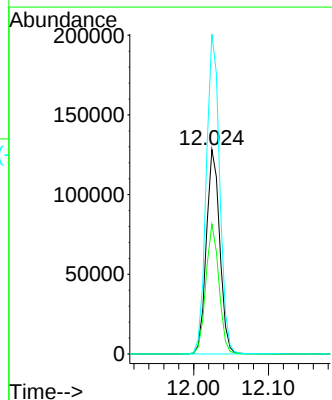
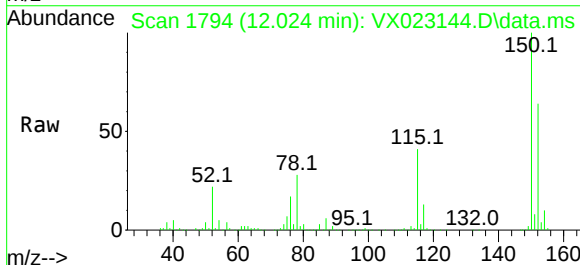
Instrument :
MSVOA_X
ClientSampled :

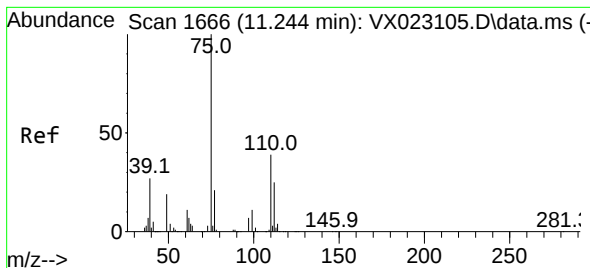
Tgt Ion:117 Resp: 386639
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

Tgt Ion:152 Resp: 159368
Ion Ratio Lower Upper
152 100
115 61.8 41.1 123.3
150 156.8 0.0 349.0

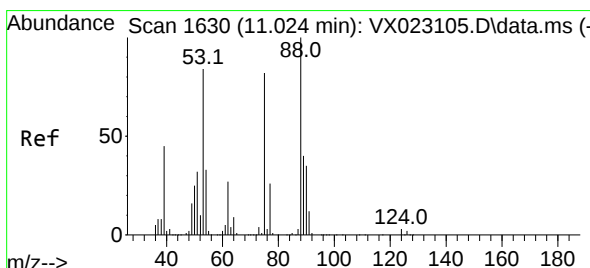
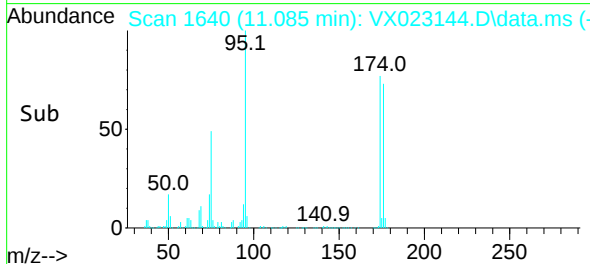
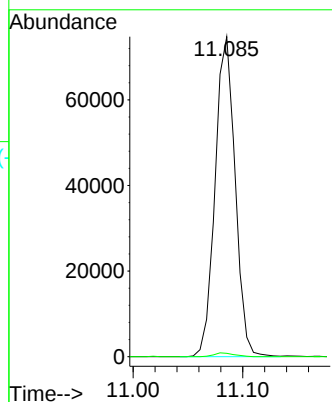
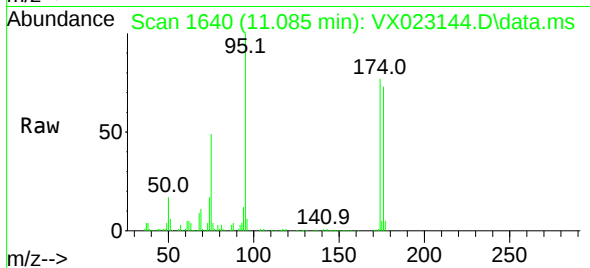




#76
1,2,3-Trichloropropane
Concen: 29.650 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

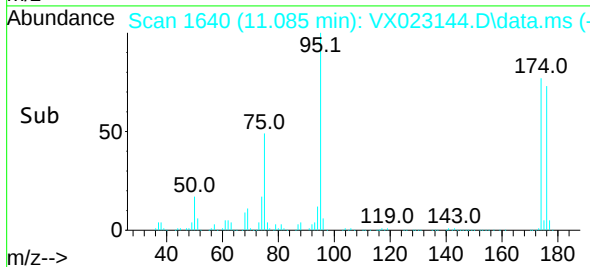
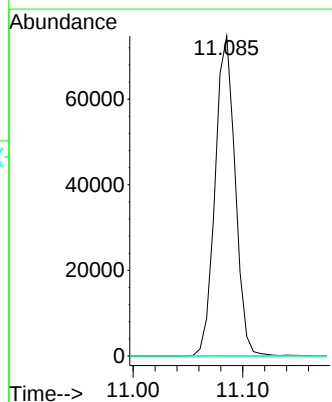
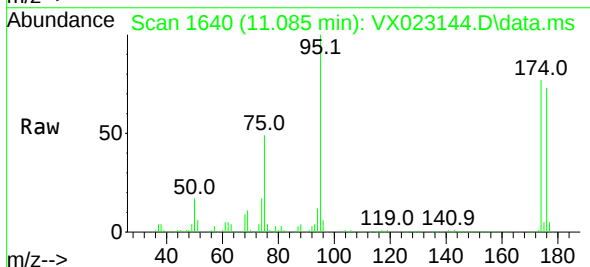
Instrument :
MSVOA_X
ClientSampleId :

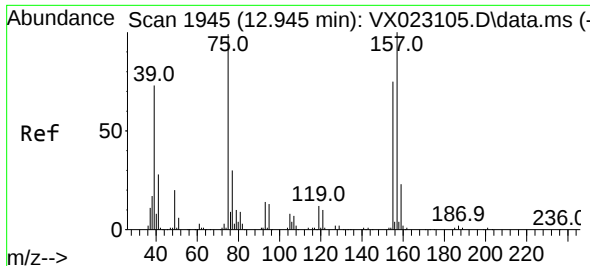
Tgt Ion: 75 Resp: 95088
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.666 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

Tgt Ion: 75 Resp: 95088
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

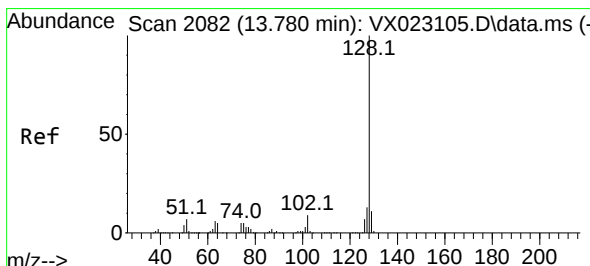
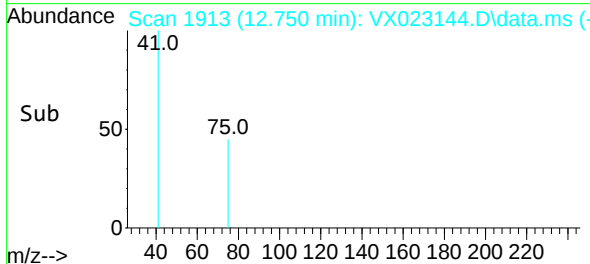
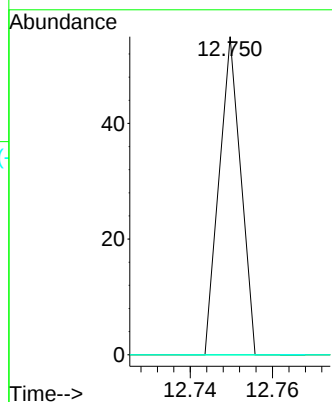
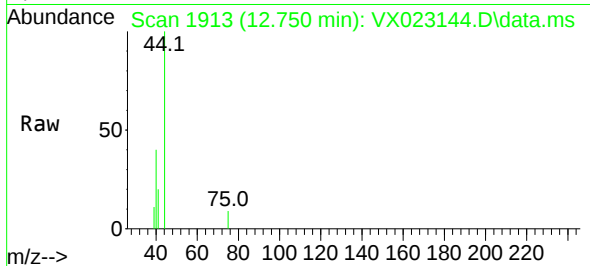




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.592 ug/l
RT: 12.750 min Scan# 1913
Delta R.T. -0.195 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#



#95
Naphthalene
Concen: 1.321 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023144.D
Acq: 06 Jul 2021 14:32

Tgt Ion: 128 Resp: 558
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

