

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070721\
 Data File : VX023174.D
 Acq On : 07 Jul 2021 15:51
 Operator : JC/MD
 Sample : M2948-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 08 03:20:45 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)

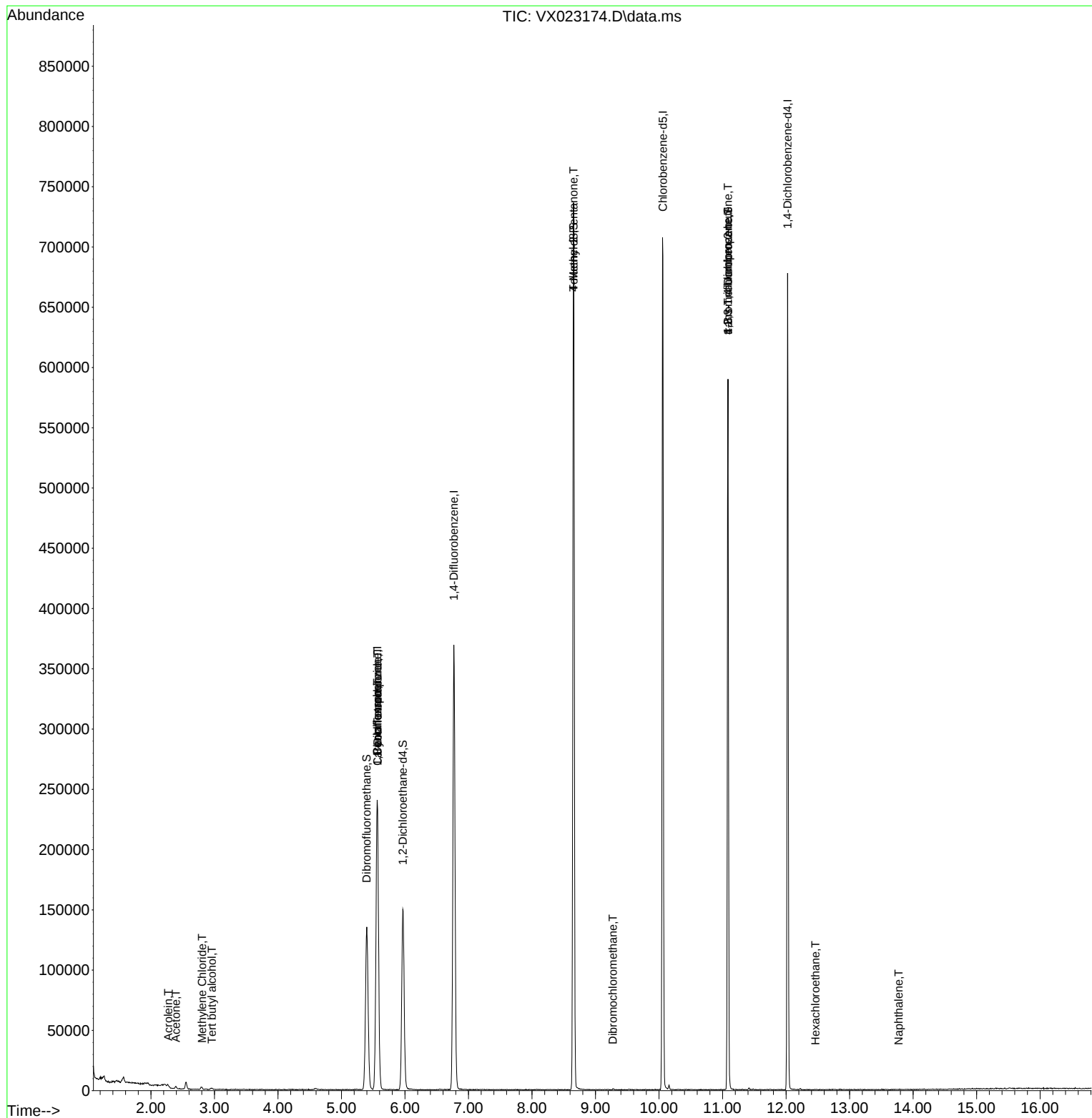
Internal Standards						
1) Pentafluorobenzene	5.562	168	219596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	365632	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	320656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	153118	51.880	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.760%		
35) Dibromofluoromethane	5.397	113	116556	49.365	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.740%		
50) Toluene-d8	8.653	98	429249	48.737	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.480%		
62) 4-Bromofluorobenzene	11.085	95	153354	45.102	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 90.200%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	422	Below Cal	#	49
11) Tert butyl alcohol	2.959	59	697	1.123	ug/l #	73
13) Acrolein	2.270	56	114	0.276	ug/l #	1
16) Acetone	2.392	43	2350	2.013	ug/l #	75
20) Methylene Chloride	2.806	84	972	0.387	ug/l #	86
31) Cyclohexane	5.562	56	4817	1.363	ug/l #	17
36) 1,1-Dichloropropene	5.568	75	17725	5.438	ug/l #	49
38) Carbon Tetrachloride	5.568	117	23487	6.903	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	2317	0.632	ug/l #	1
60) Dibromochloromethane	9.274	129	77	3.138	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	81766	30.321	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	81766	81.360	ug/l #	12
90) Hexachloroethane	12.463	117	20	3.009	ug/l #	9
95) Naphthalene	13.774	128	166	1.292	ug/l #	69

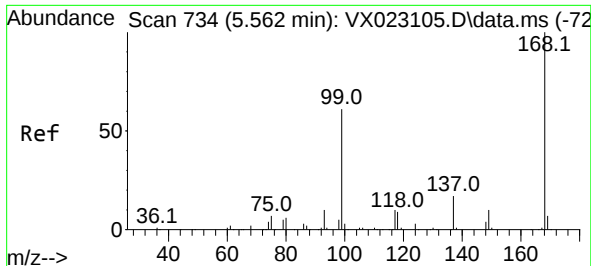
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 08 03:20:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
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QLast Update : Fri Jul 02 14:29:42 2021
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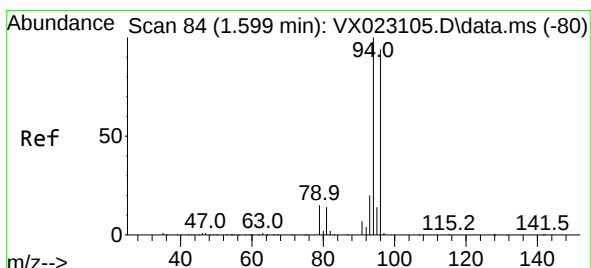
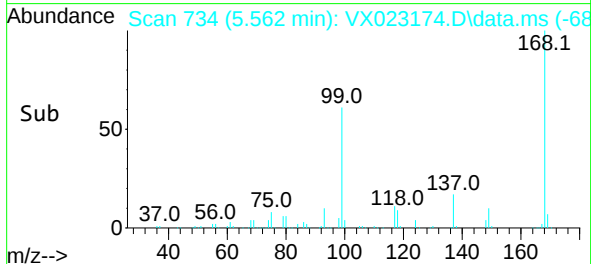
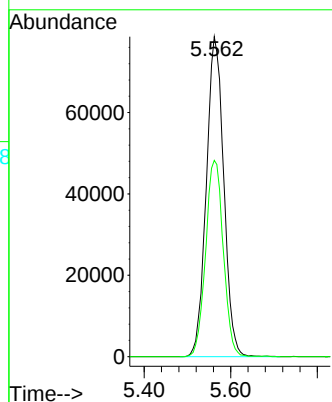
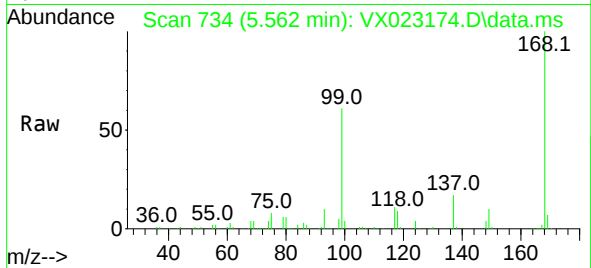




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51

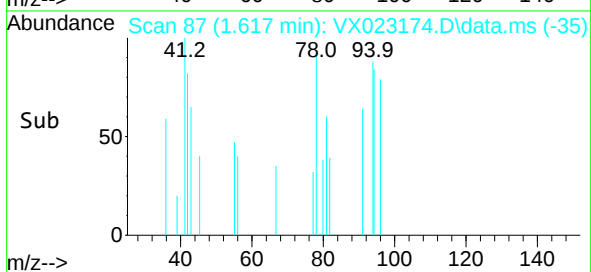
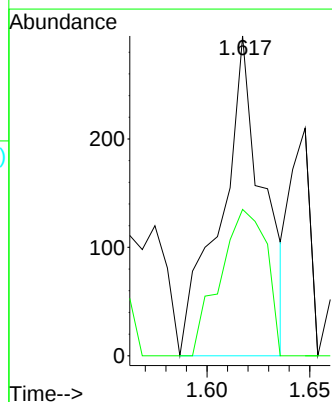
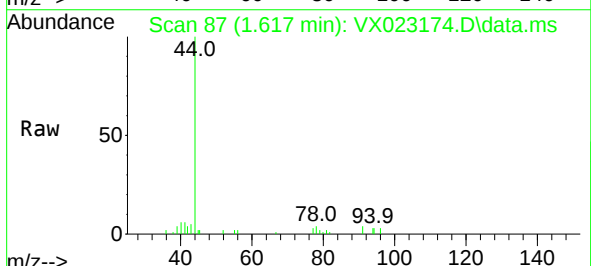
Instrument :
MSVOA_X
ClientSampled :

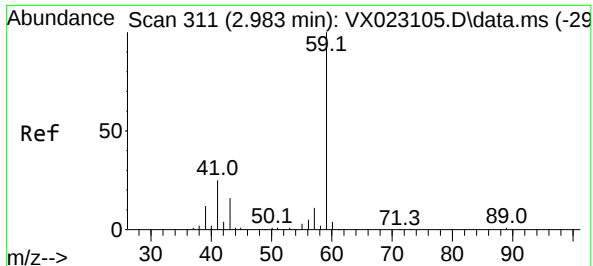
Tgt Ion:168 Resp: 219596
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51

Tgt Ion: 94 Resp: 422
Ion Ratio Lower Upper
94 100
96 45.8 76.4 114.6#



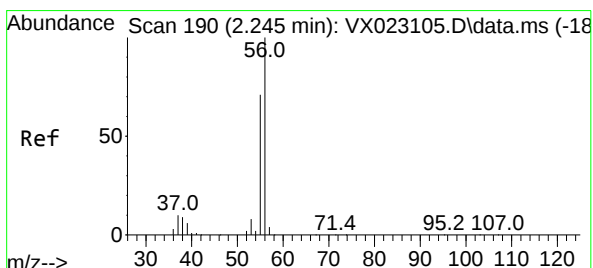
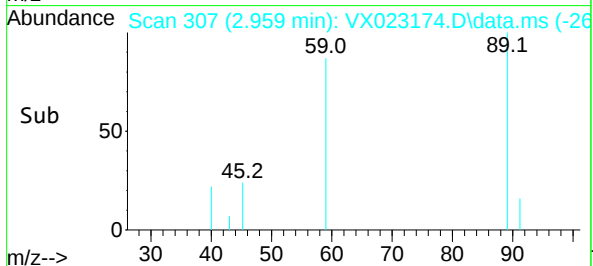
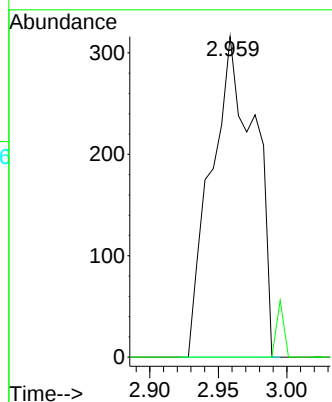
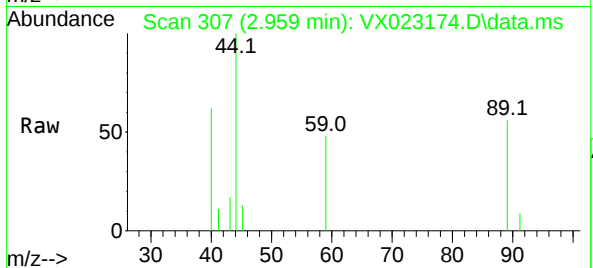


#11

Tert butyl alcohol
Concen: 1.123 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51

Instrument :
MSVOA_X
ClientSampled :

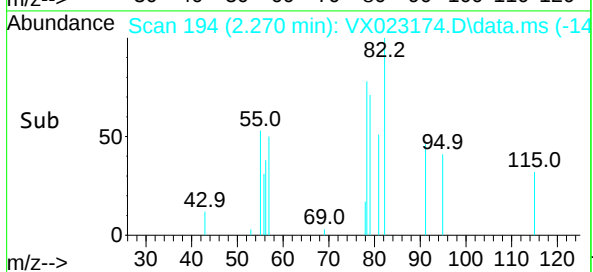
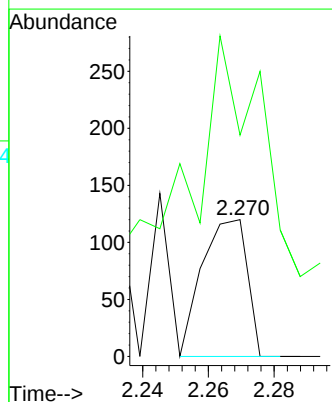
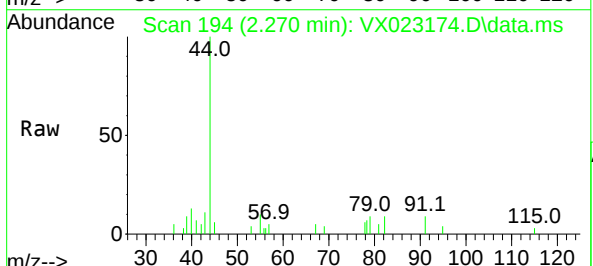
Tgt Ion: 59 Resp: 697
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

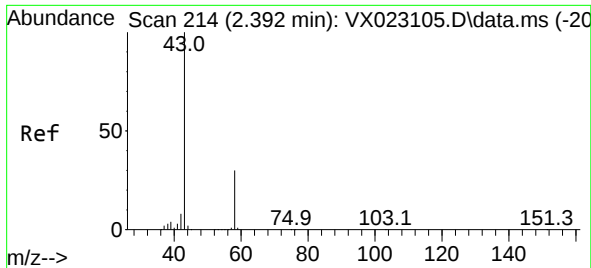


#13

Acrolein
Concen: 0.276 ug/l
RT: 2.270 min Scan# 194
Delta R.T. 0.025 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51

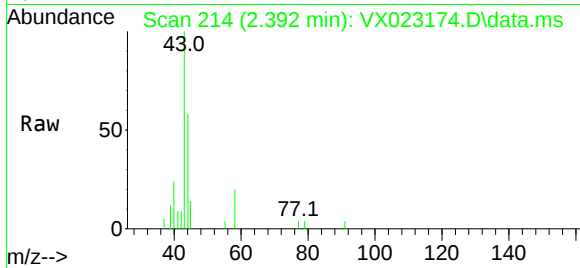
Tgt Ion: 56 Resp: 114
Ion Ratio Lower Upper
56 100
55 276.3 56.4 84.6#



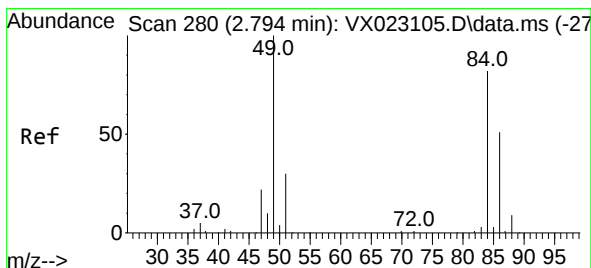
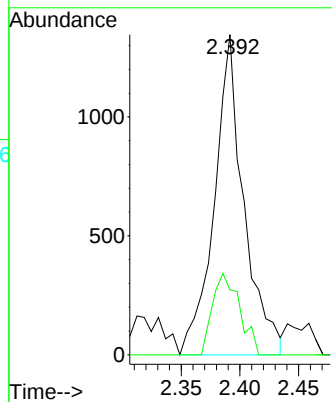
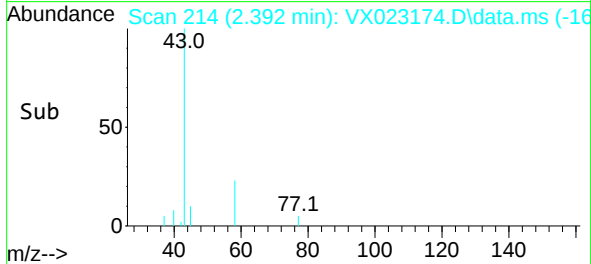


#16
Acetone
Concen: 2.013 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51

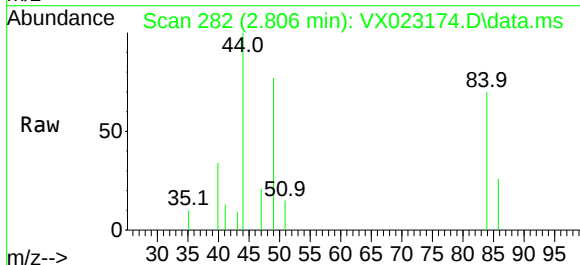
Instrument :
MSVOA_X
ClientSampled :



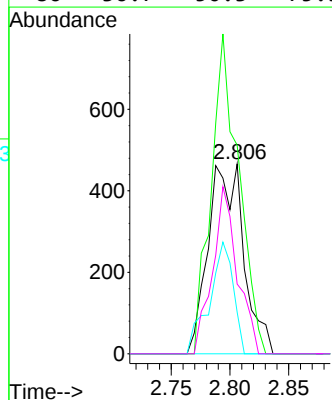
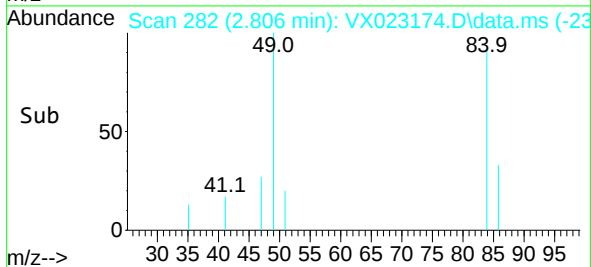
Tgt Ion: 43 Resp: 2350
Ion Ratio Lower Upper
43 100
58 20.3 27.8 41.8#

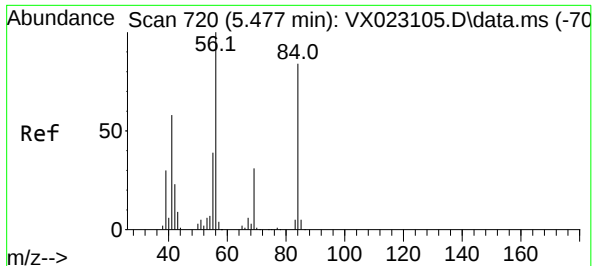


#20
Methylene Chloride
Concen: 0.387 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.012 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51



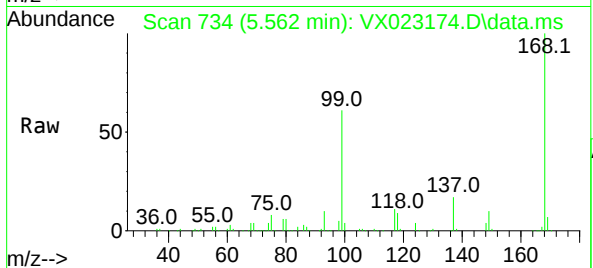
Tgt Ion: 84 Resp: 972
Ion Ratio Lower Upper
84 100
49 109.9 88.6 132.8
51 21.9 27.0 40.6#
86 36.7 50.3 75.5#



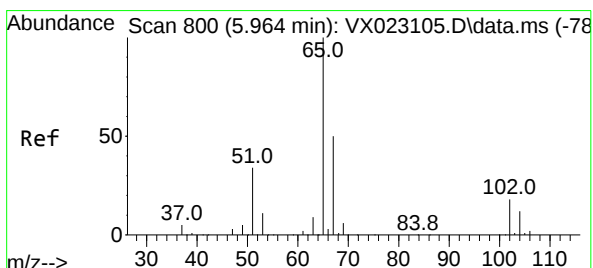
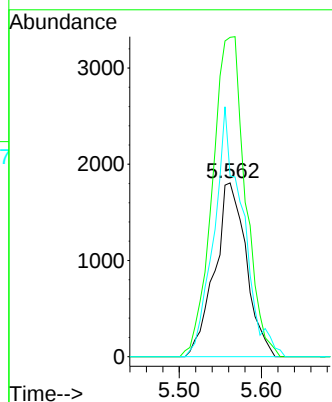
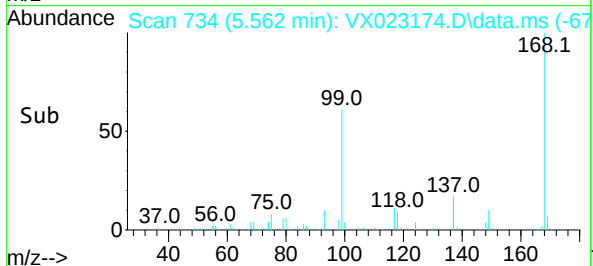


#31
Cyclohexane
Concen: 1.363 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51

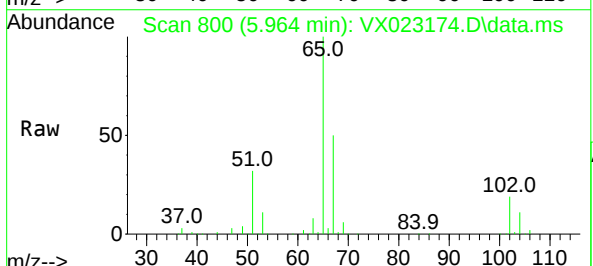
Instrument :
MSVOA_X
ClientSampled :



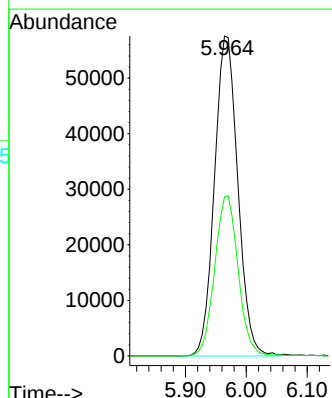
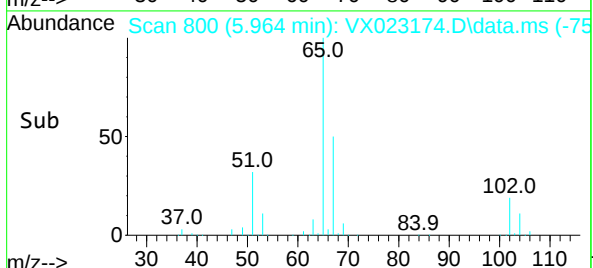
Tgt Ion: 56 Resp: 4817
Ion Ratio Lower Upper
56 100
69 183.8 25.3 37.9#
84 104.0 71.4 107.0

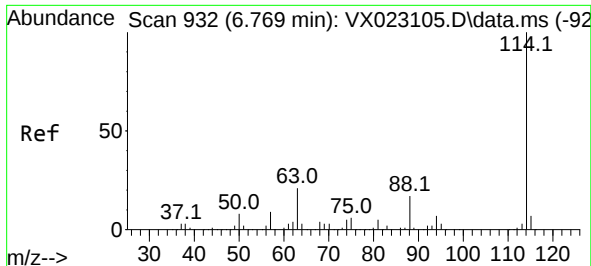


#33
1,2-Dichloroethane-d4
Concen: 51.880 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51



Tgt Ion: 65 Resp: 153118
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

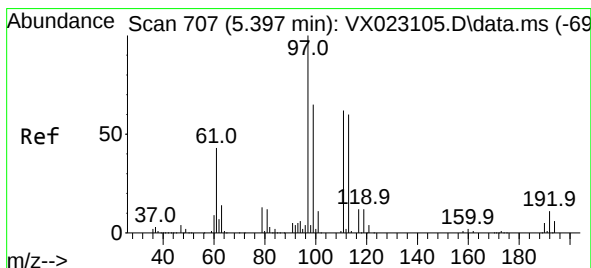
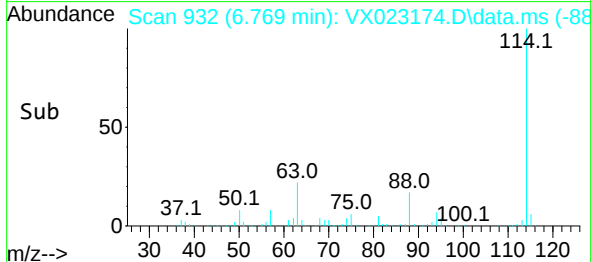
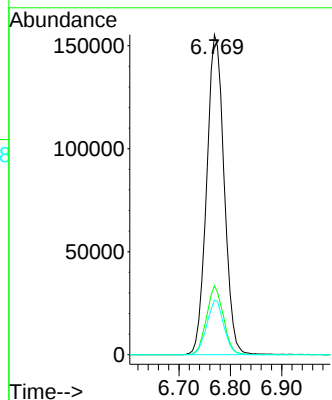
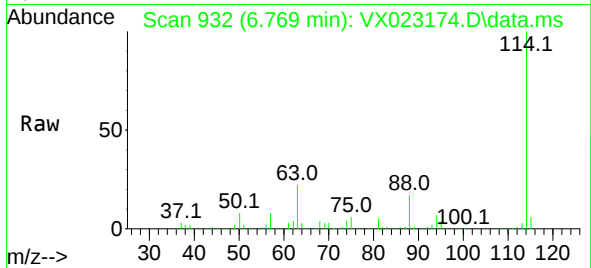




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51

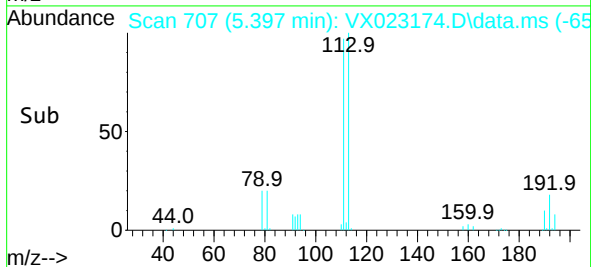
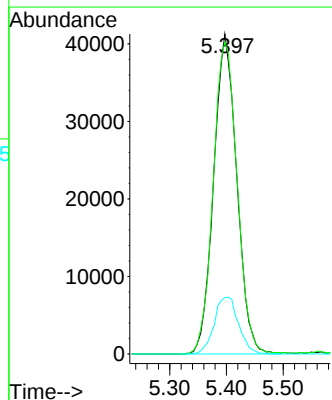
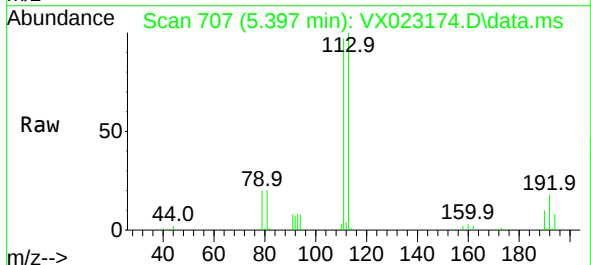
Instrument :
MSVOA_X
ClientSampleId :

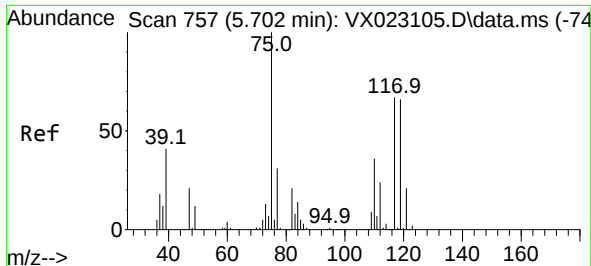
Tgt Ion:114 Resp: 365632
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.365 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51

Tgt Ion:113 Resp: 116556
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 18.7 16.7 25.1

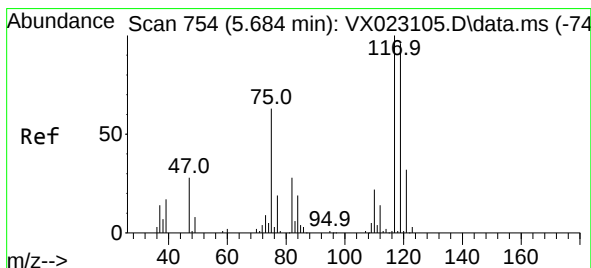
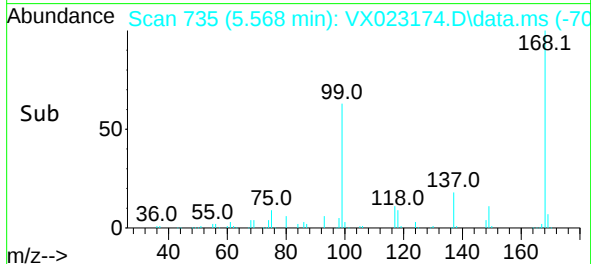
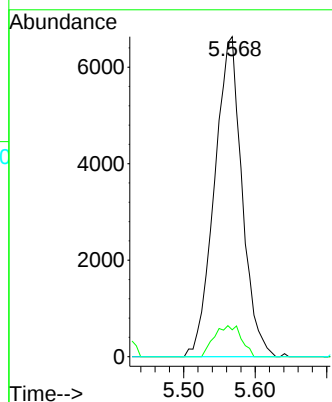
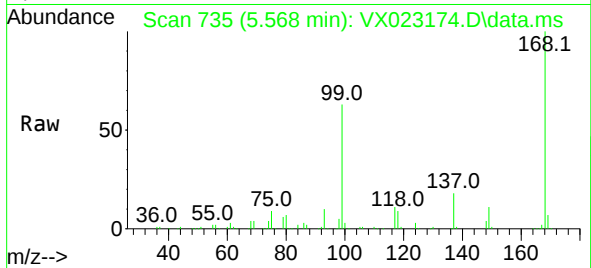




#36
1,1-Dichloropropene
Concen: 5.438 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51

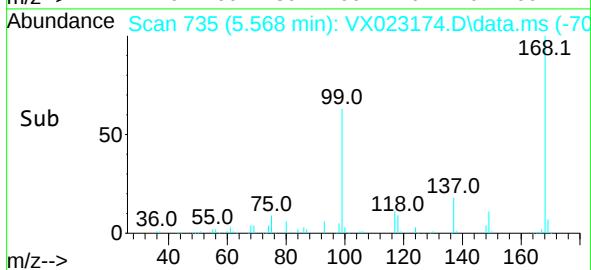
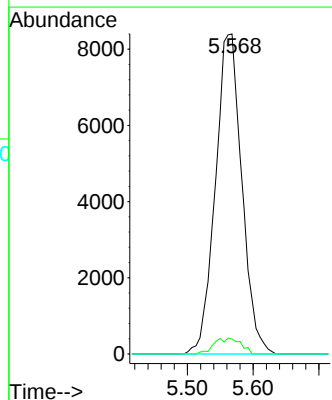
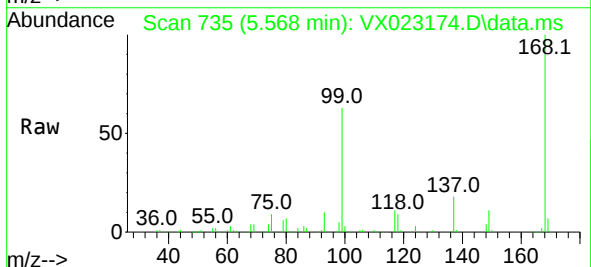
Instrument :
MSVOA_X
ClientSampled :

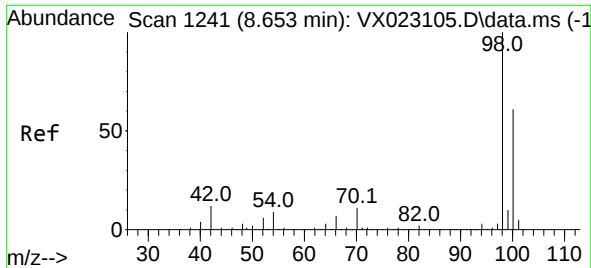
Tgt Ion: 75 Resp: 17725
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.903 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51

Tgt Ion: 117 Resp: 23487
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

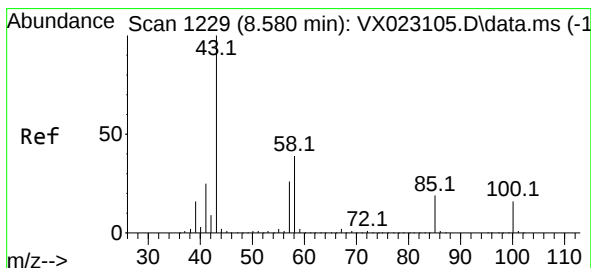
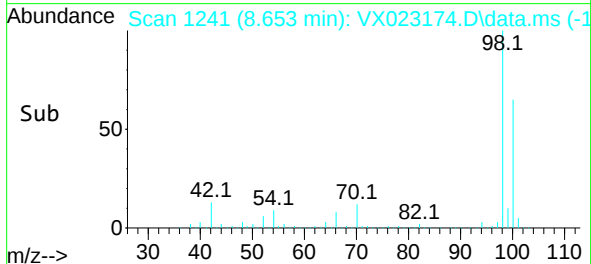
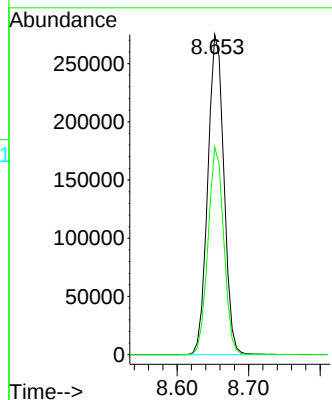
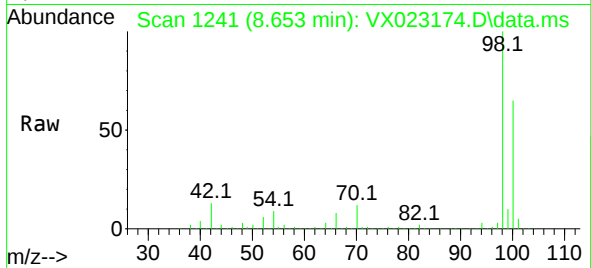




#50
Toluene-d8
Concen: 48.737 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51

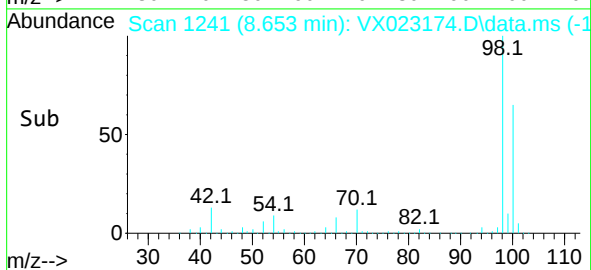
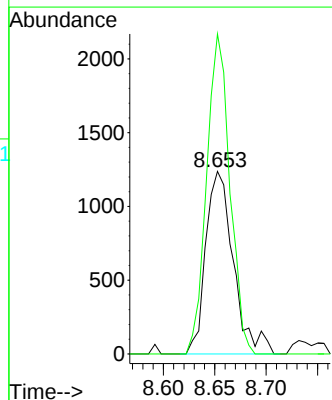
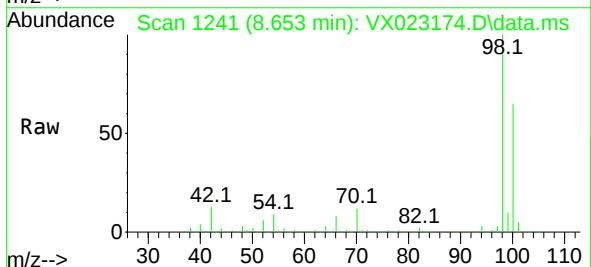
Instrument :
MSVOA_X
ClientSampled :

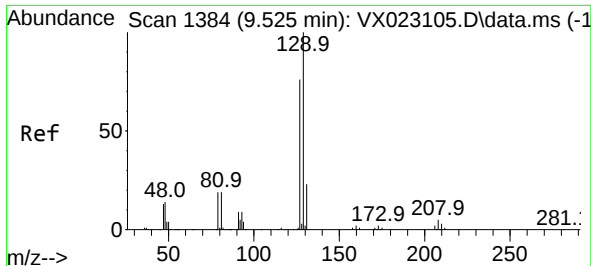
Tgt Ion: 98 Resp: 429249
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.632 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51

Tgt Ion: 43 Resp: 2317
Ion Ratio Lower Upper
43 100
58 147.6 35.4 53.0#

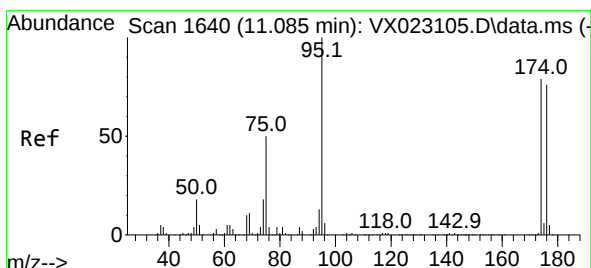
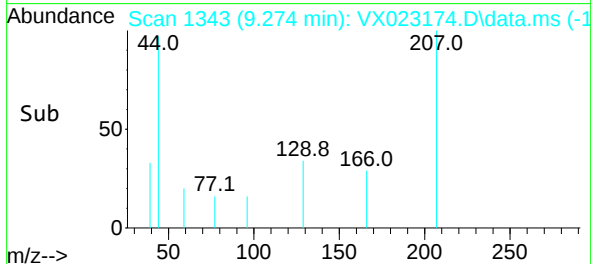
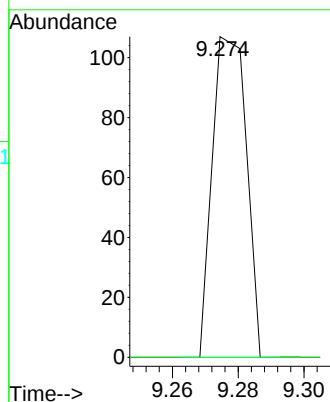
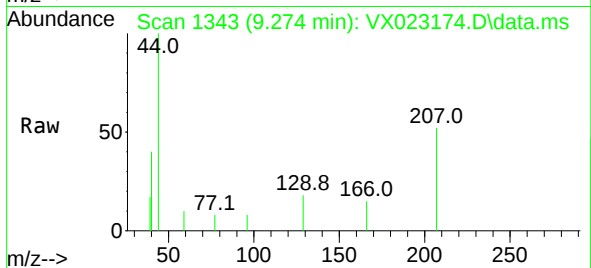




#60
Dibromochloromethane
Concen: 3.138 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.251 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51

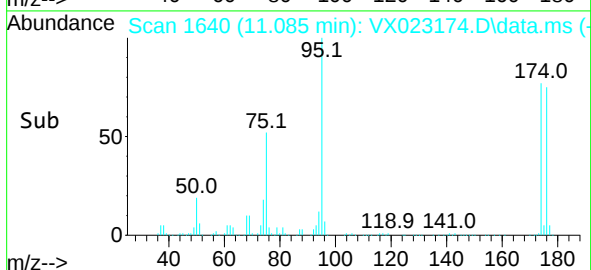
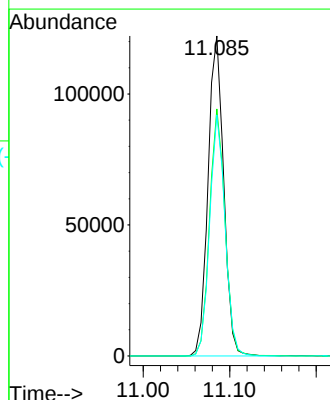
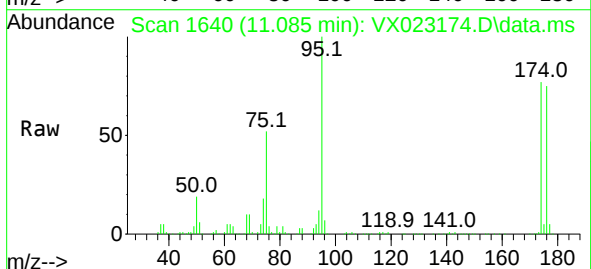
Instrument :
MSVOA_X
ClientSampled :

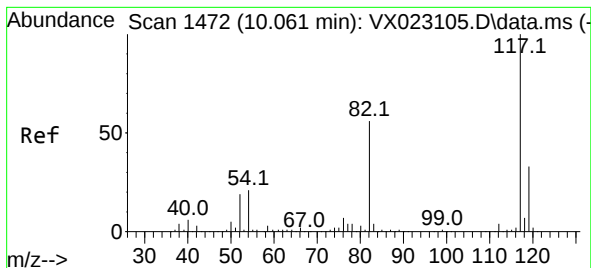
Tgt Ion:129 Resp: 77
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.102 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51

Tgt Ion: 95 Resp: 153354
Ion Ratio Lower Upper
95 100
174 76.1 0.0 154.6
176 74.0 0.0 155.8

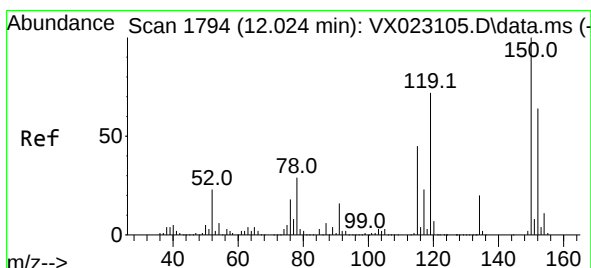
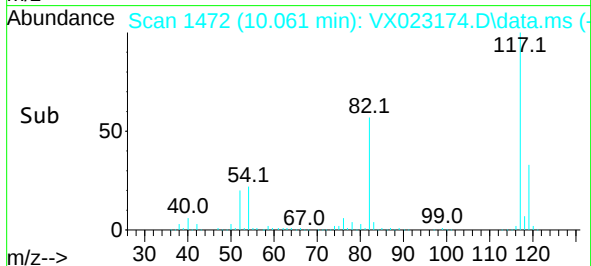
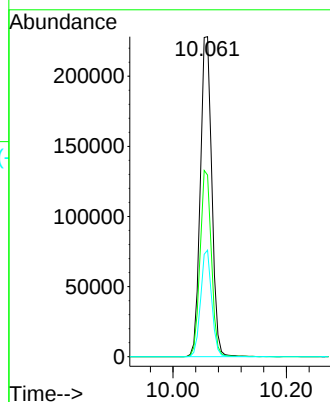
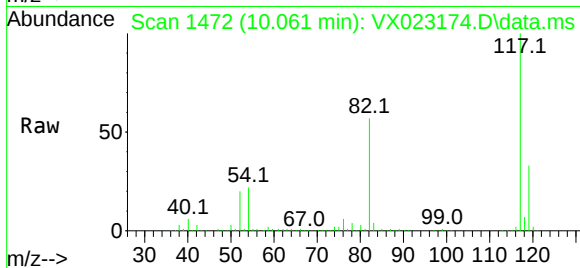




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51

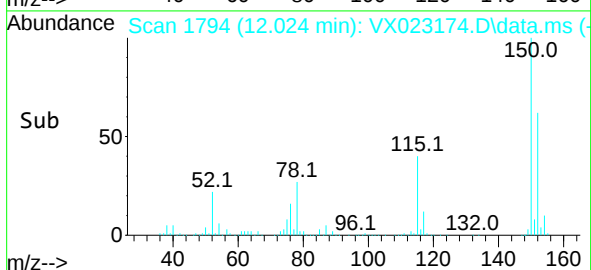
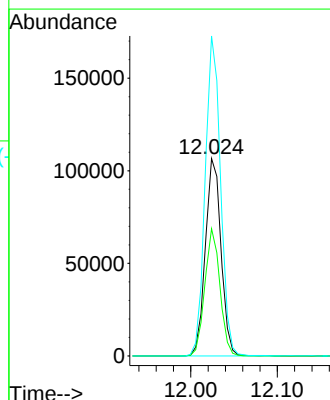
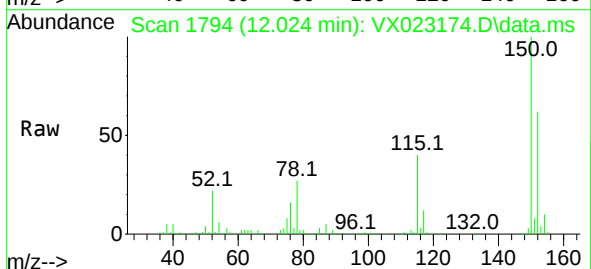
Instrument :
MSVOA_X
ClientSampled :

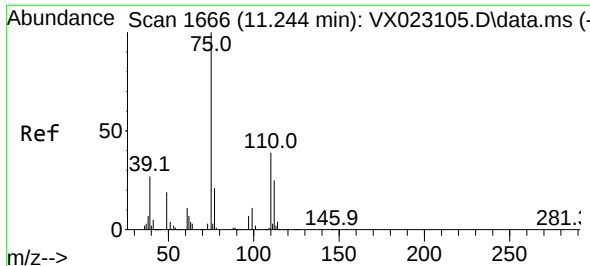
Tgt Ion:117 Resp: 320656
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 33.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51

Tgt Ion:152 Resp: 134009
Ion Ratio Lower Upper
152 100
115 62.1 41.1 123.3
150 158.9 0.0 349.0

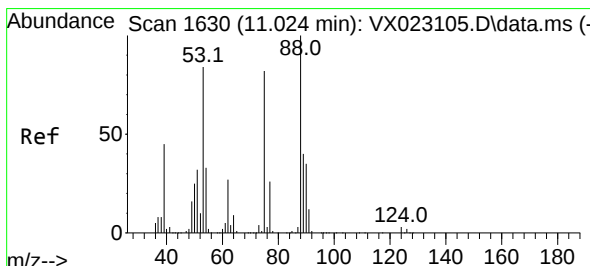
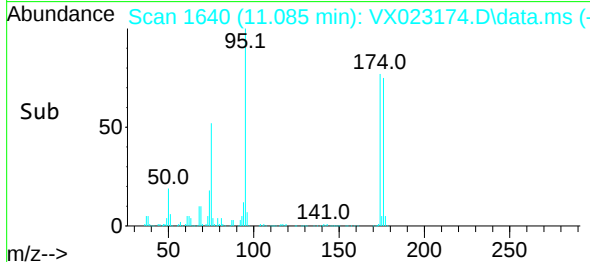
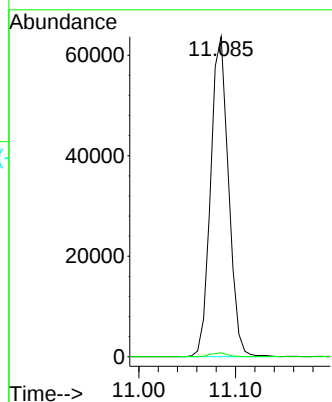
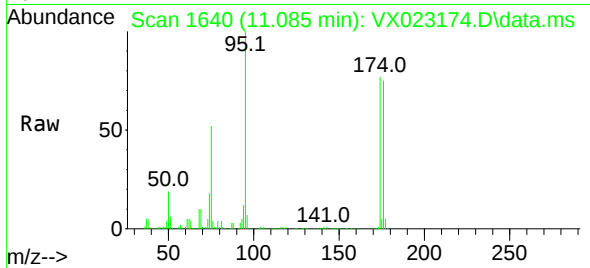




#76
1,2,3-Trichloropropane
Concen: 30.321 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51

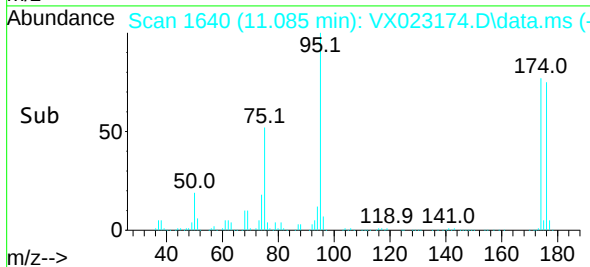
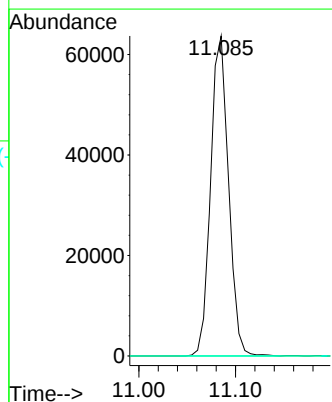
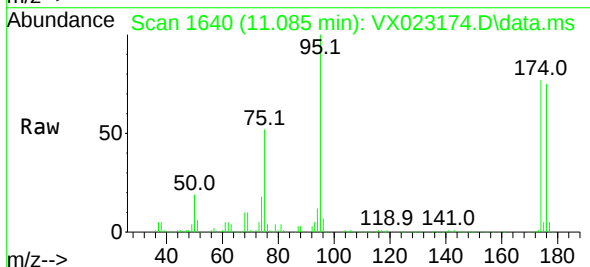
Instrument :
MSVOA_X
ClientSampled :

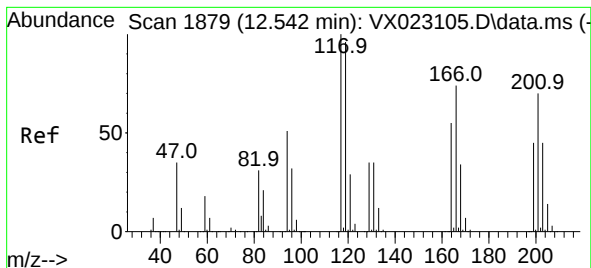
Tgt Ion: 75 Resp: 81766
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.360 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51

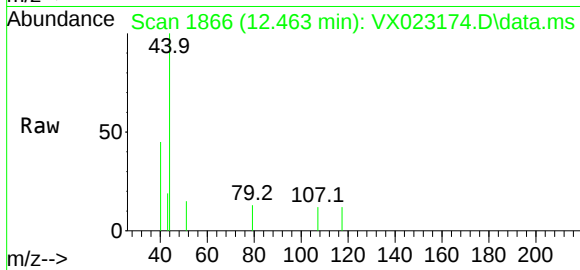
Tgt Ion: 75 Resp: 81766
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



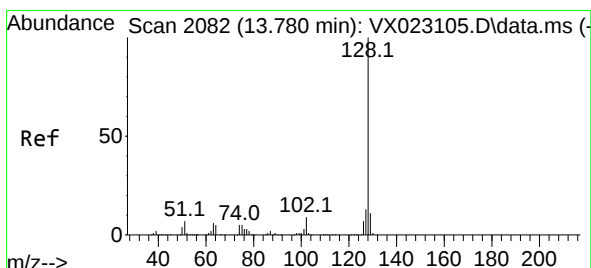
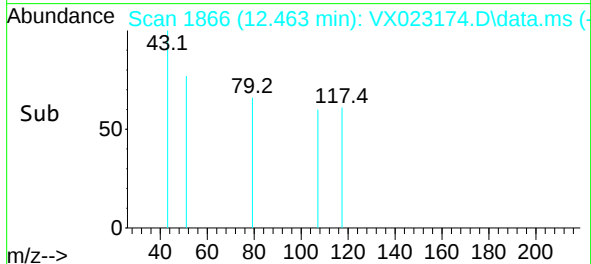
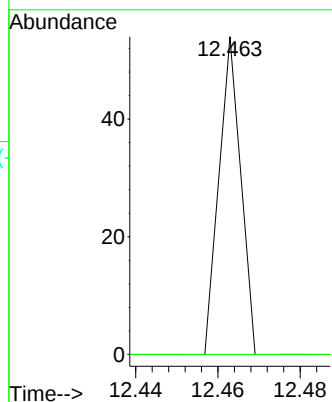


#90
Hexachloroethane
Concen: 3.009 ug/l
RT: 12.463 min Scan# 1866
Delta R.T. -0.079 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion:117 Resp: 20
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#95
Naphthalene
Concen: 1.292 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023174.D
Acq: 07 Jul 2021 15:51

Tgt Ion:128 Resp: 166
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

