

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071221\
 Data File : VX023247.D
 Acq On : 12 Jul 2021 17:22
 Operator : JC/MD
 Sample : M3007-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 13 01:29:45 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)

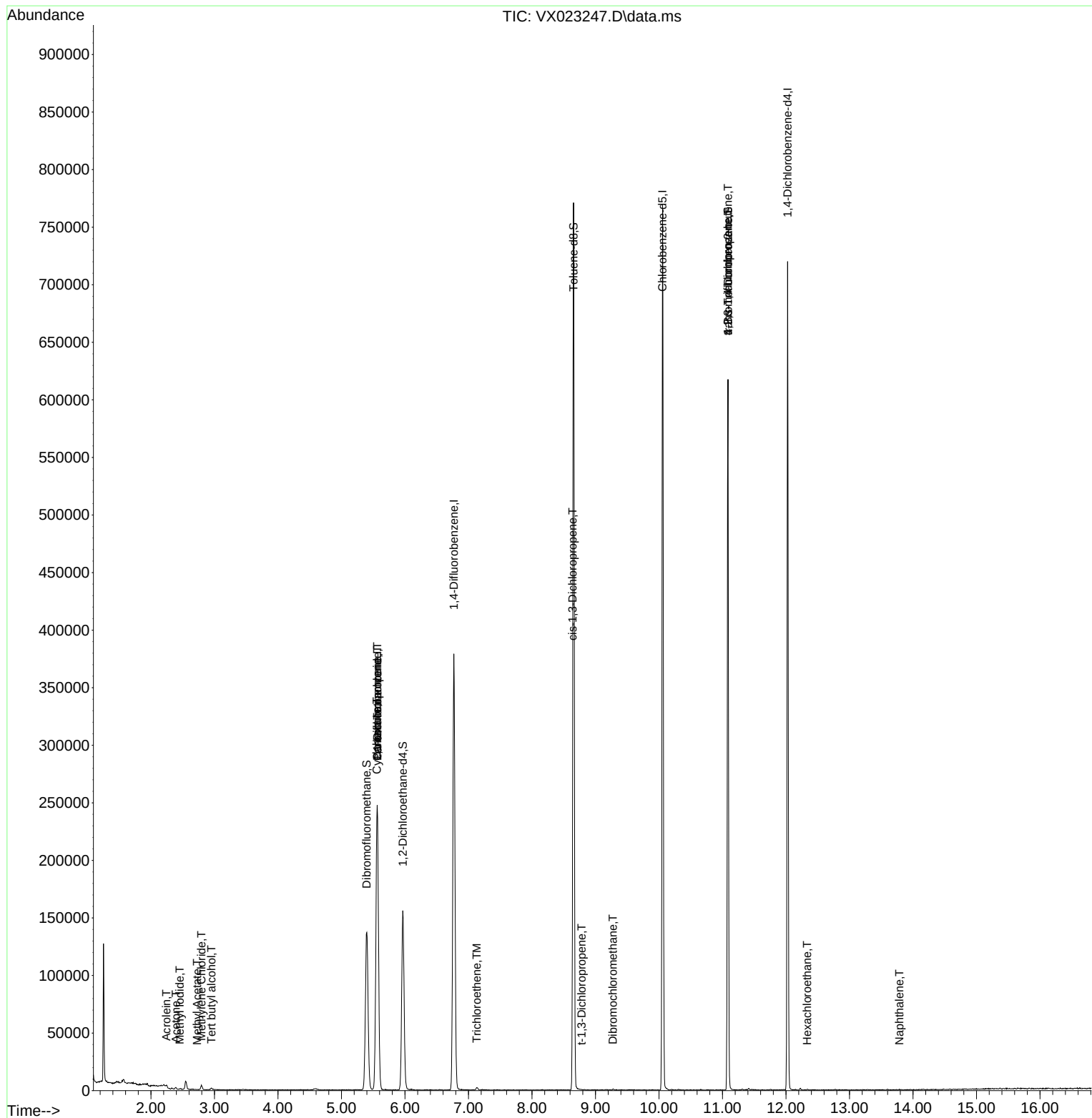
Internal Standards						
1) Pentafluorobenzene	5.562	168	234868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	383544	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	344076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	155752	49.341	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.680%
35) Dibromofluoromethane	5.397	113	120285	48.565	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.140%
50) Toluene-d8	8.653	98	455371	49.288	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.580%
62) 4-Bromofluorobenzene	11.085	95	163409	45.815	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.620%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	290	Below Cal		97
10) Methyl Iodide	2.453	142	753	0.270	ug/l #	83
11) Tert butyl alcohol	2.953	59	1002	1.509	ug/l #	73
13) Acrolein	2.240	56	112	0.253	ug/l #	1
16) Acetone	2.392	43	1999	1.601	ug/l	88
18) Methyl Acetate	2.727	43	632	0.208	ug/l #	47
20) Methylene Chloride	2.794	84	1677	0.624	ug/l	95
31) Cyclohexane	5.556	56	4733	1.252	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	17517	5.123	ug/l #	50
38) Carbon Tetrachloride	5.562	117	24542	6.876	ug/l #	15
44) Trichloroethene	7.129	130	765	0.272	ug/l	75
53) t-1,3-Dichloropropene	8.781	75	48	2.747	ug/l #	44
54) cis-1,3-Dichloropropene	8.641	75	71	2.188	ug/l #	1
60) Dibromochloromethane	9.275	129	44	3.126	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	83496	28.766	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	83496	77.432	ug/l #	12
90) Hexachloroethane	12.329	117	24	3.010	ug/l #	9
95) Naphthalene	13.786	128	292	1.302	ug/l #	69

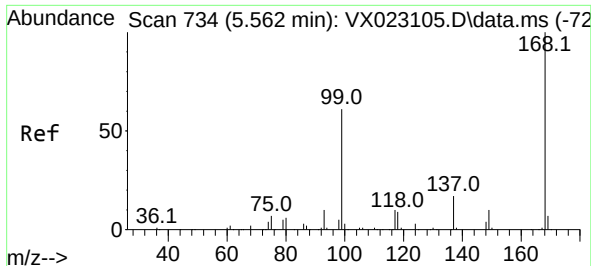
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Jul 13 01:29:45 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

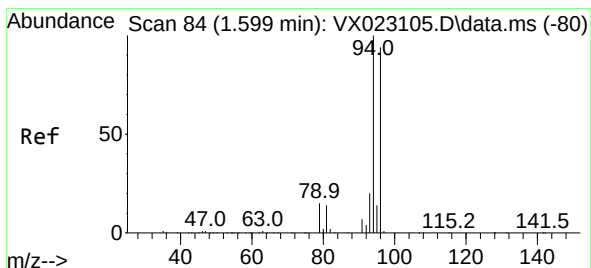
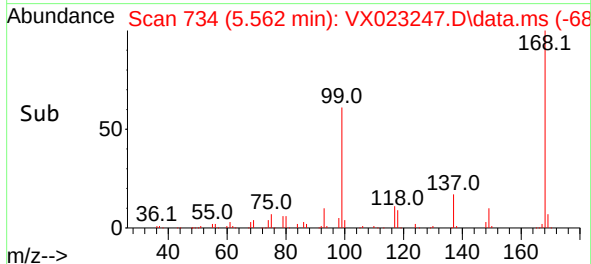
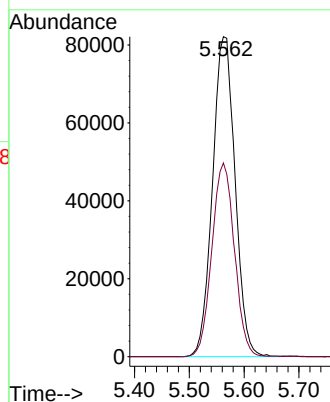
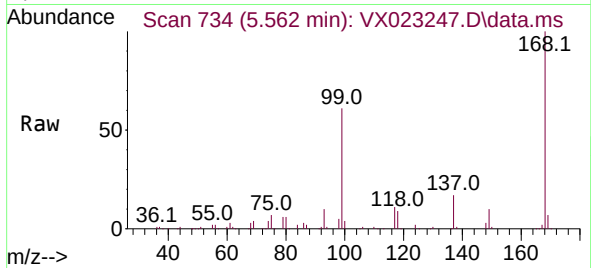




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

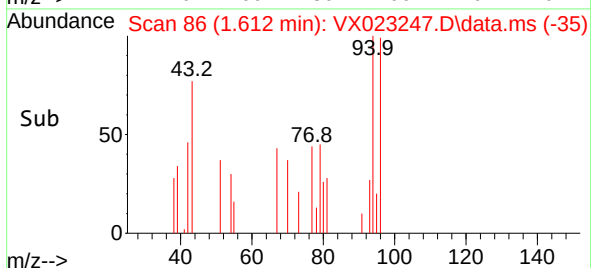
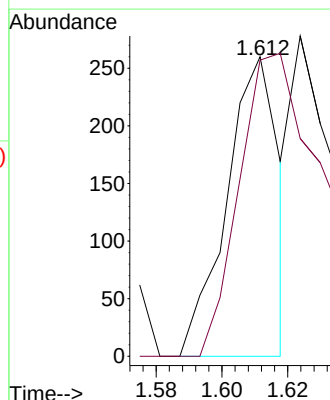
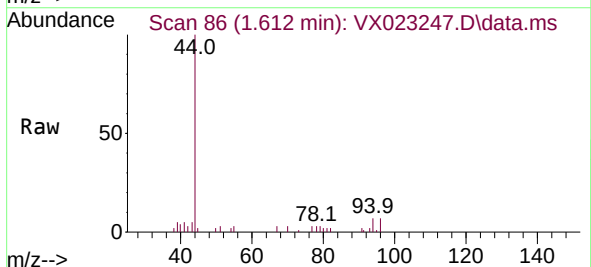
Instrument :
MSVOA_X
ClientSampleId :

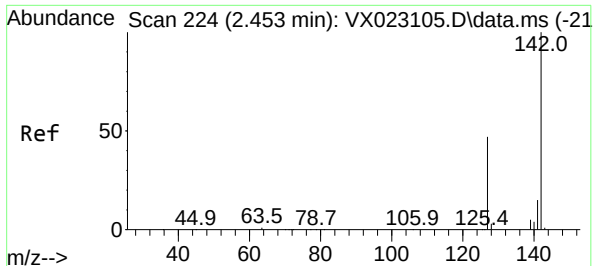
Tgt Ion:168 Resp: 234868
Ion Ratio Lower Upper
168 100
99 60.5 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

Tgt Ion: 94 Resp: 290
Ion Ratio Lower Upper
94 100
96 98.8 76.4 114.6

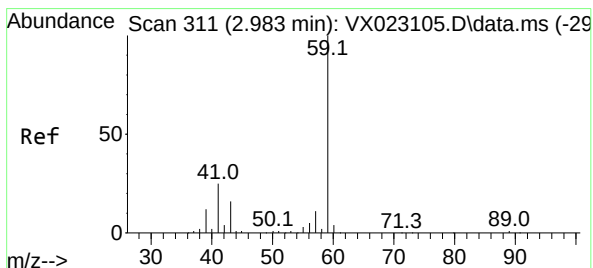
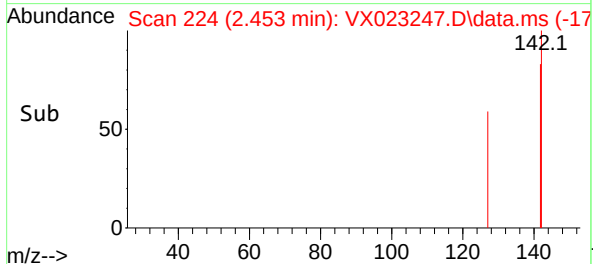
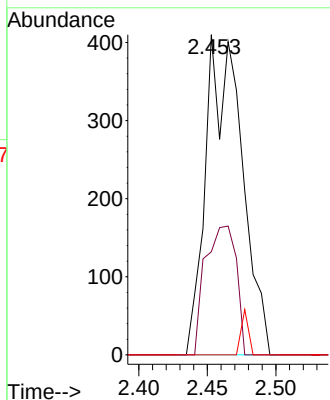
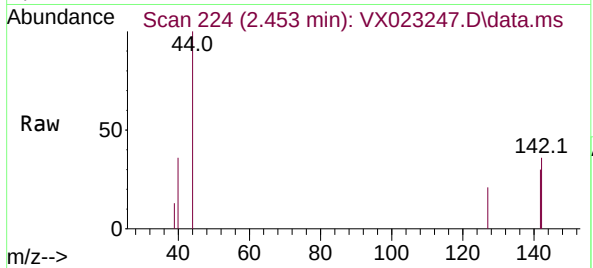




#10
Methyl Iodide
Concen: 0.270 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

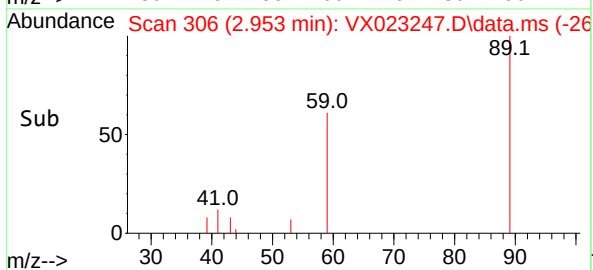
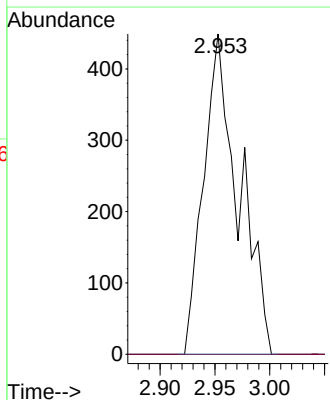
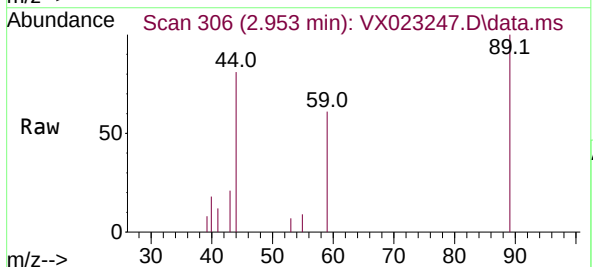
Instrument :
MSVOA_X
ClientSampled :

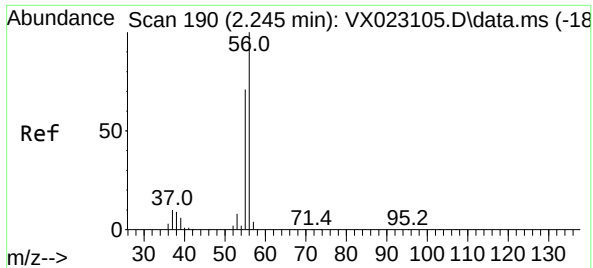
Tgt Ion:142 Resp: 753
Ion Ratio Lower Upper
142 100
127 34.4 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.509 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

Tgt Ion: 59 Resp: 1002
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

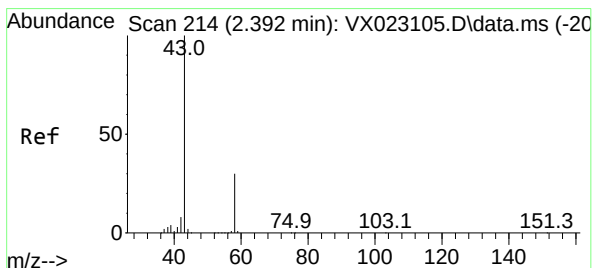
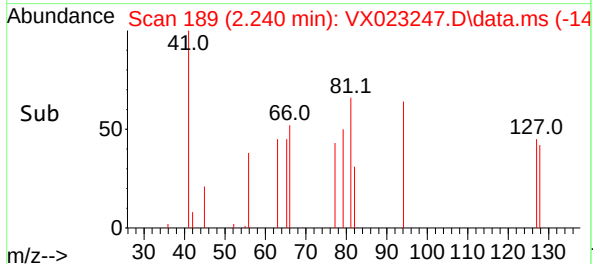
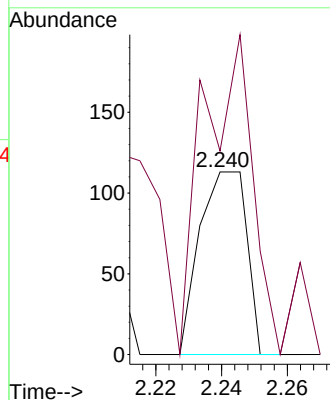
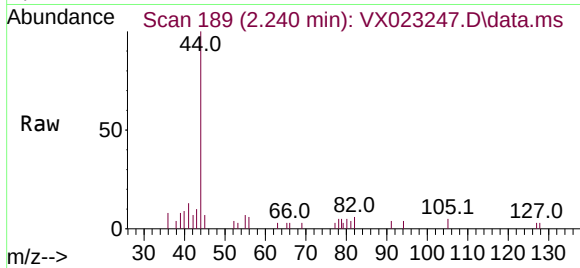




#13
Acrolein
Concen: 0.253 ug/l
RT: 2.240 min Scan# 189
Delta R.T. -0.005 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

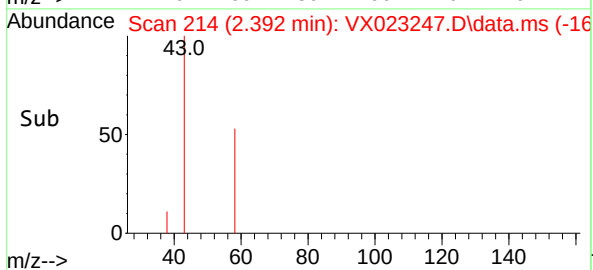
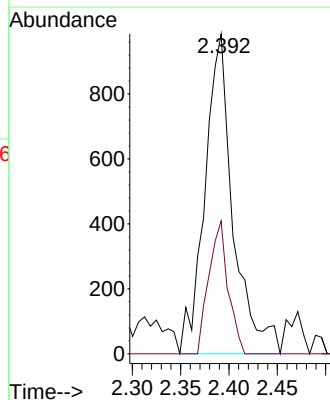
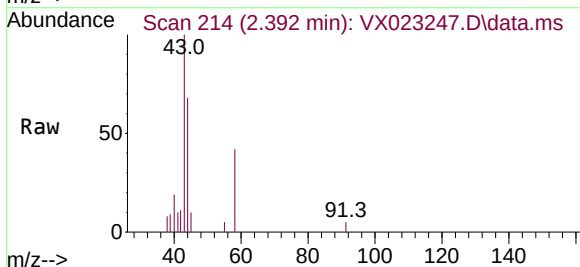
Instrument :
MSVOA_X
ClientSampled :

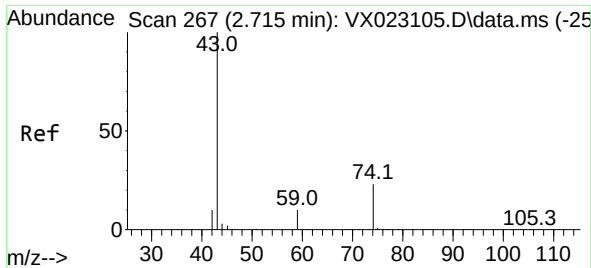
Tgt Ion: 56 Resp: 112
Ion Ratio Lower Upper
56 100
55 200.9 56.4 84.6#



#16
Acetone
Concen: 1.601 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

Tgt Ion: 43 Resp: 1999
Ion Ratio Lower Upper
43 100
58 41.5 27.8 41.8

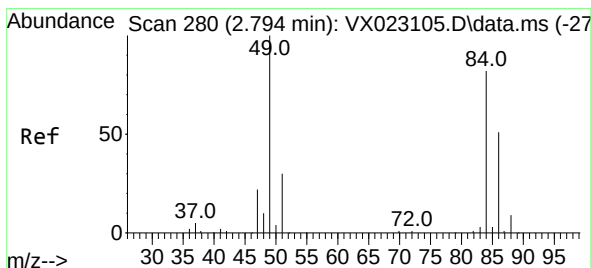
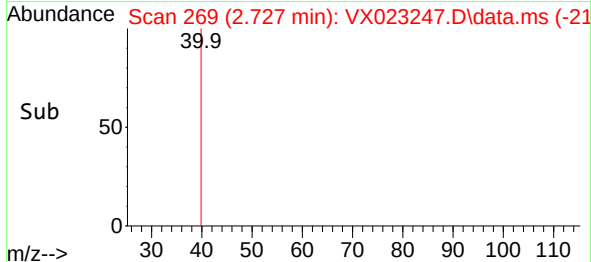
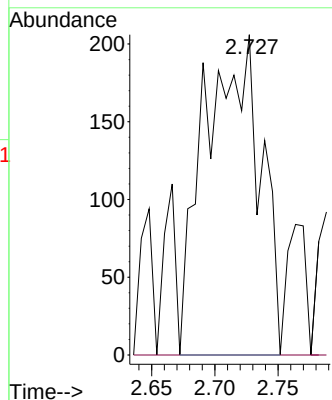
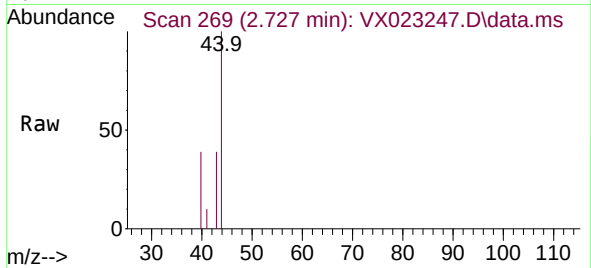




#18
Methyl Acetate
Concen: 0.208 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.012 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

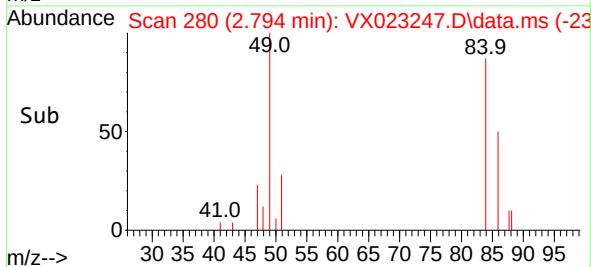
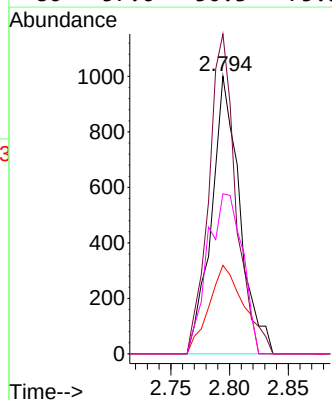
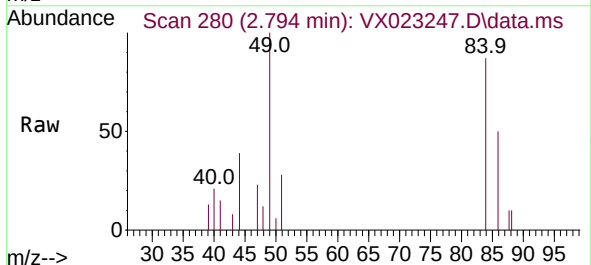
Instrument :
MSVOA_X
ClientSampled :

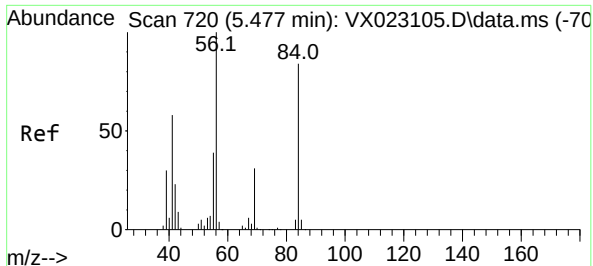
Tgt Ion: 43 Resp: 632
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.624 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

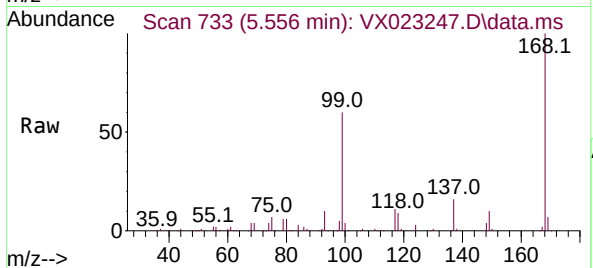
Tgt Ion: 84 Resp: 1677
Ion Ratio Lower Upper
84 100
49 115.2 88.6 132.8
51 31.9 27.0 40.6
86 57.6 50.3 75.5



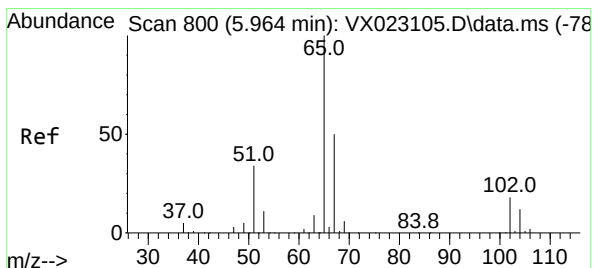
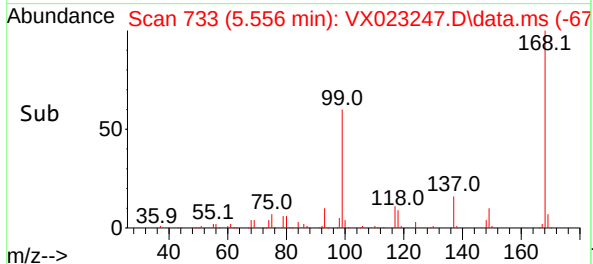
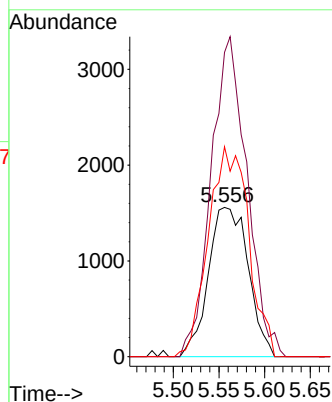


#31
Cyclohexane
Concen: 1.252 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

Instrument :
MSVOA_X
ClientSampleId :

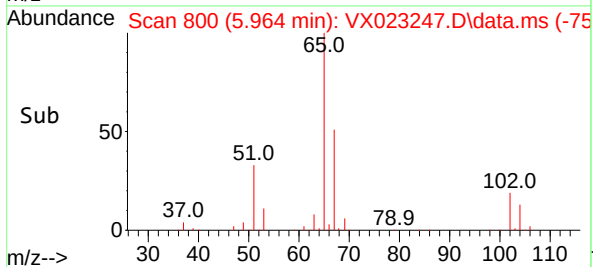
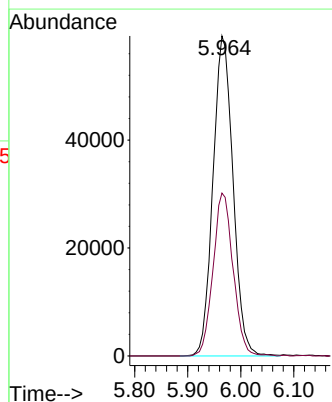
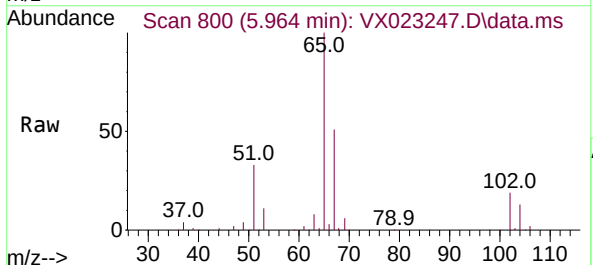


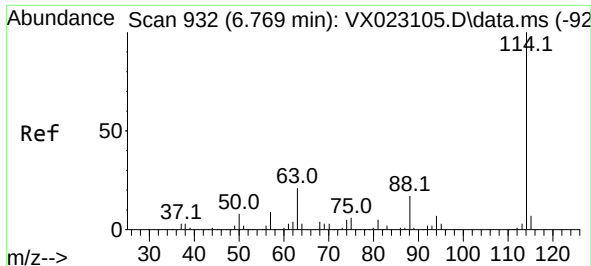
Tgt Ion: 56 Resp: 4733
Ion Ratio Lower Upper
56 100
69 203.8 25.3 37.9#
84 140.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.341 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

Tgt Ion: 65 Resp: 155752
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

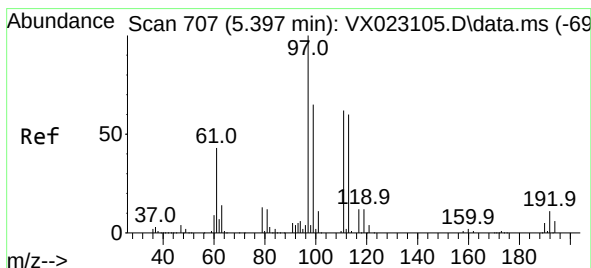
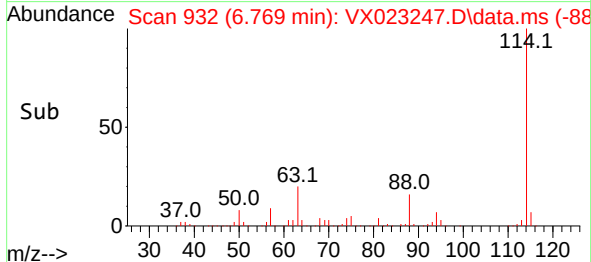
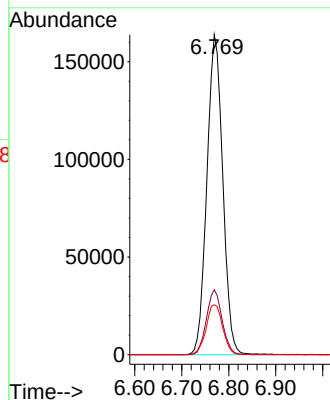
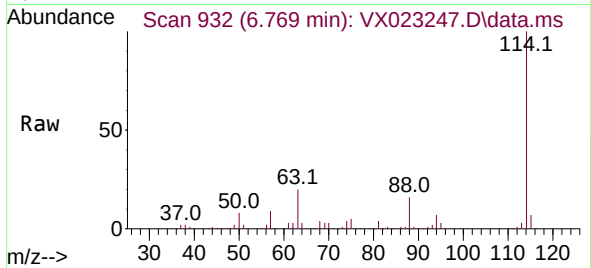




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

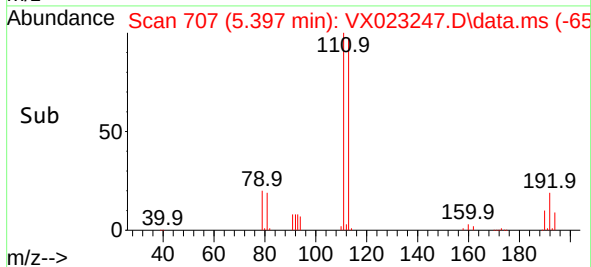
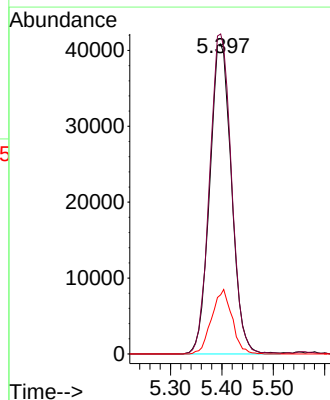
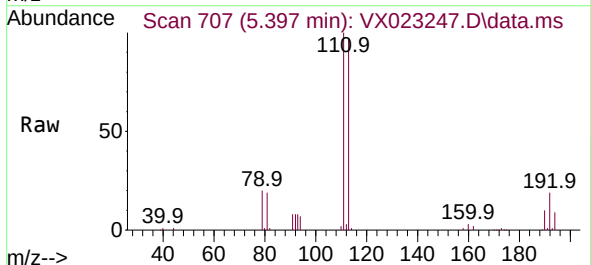
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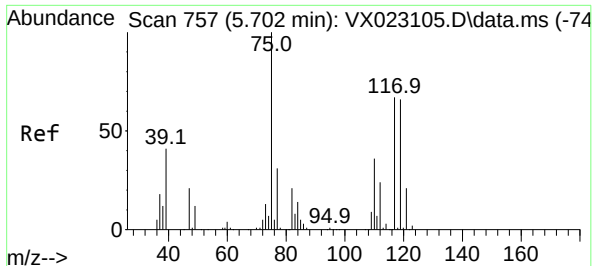
Tgt Ion:114 Resp: 383544
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.565 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

Tgt Ion:113 Resp: 120285
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 19.5 16.7 25.1

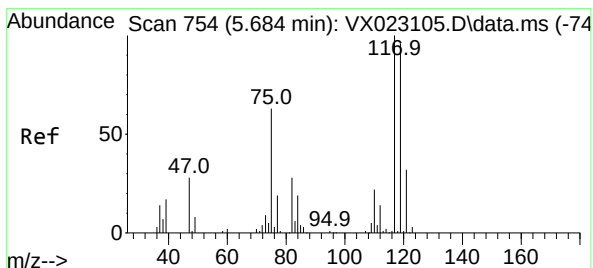
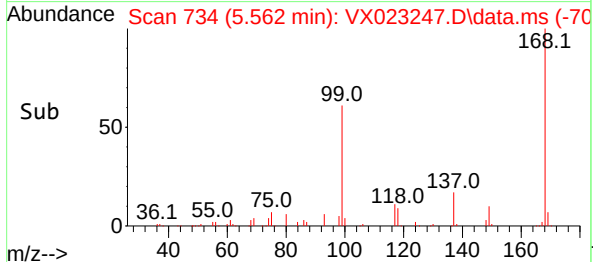
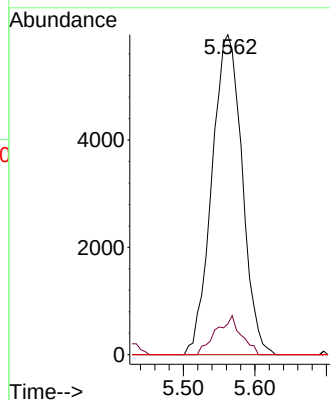
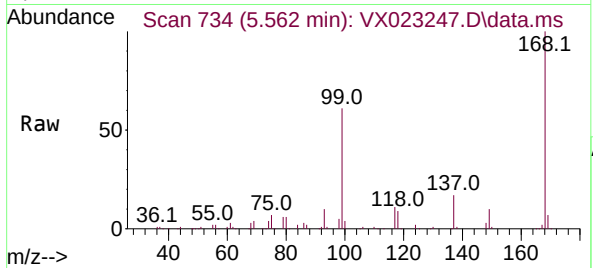




#36
1,1-Dichloropropene
Concen: 5.123 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

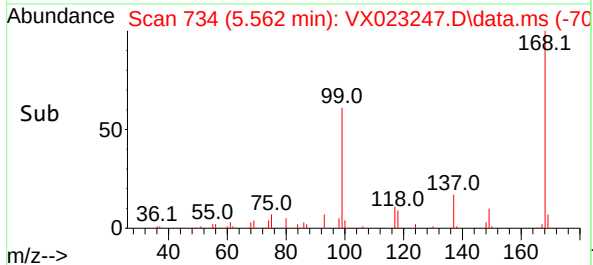
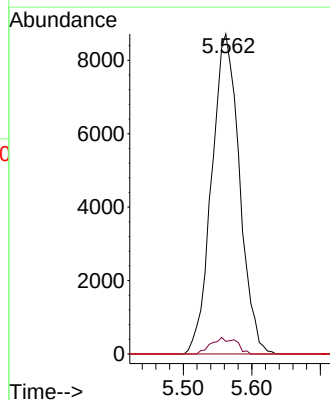
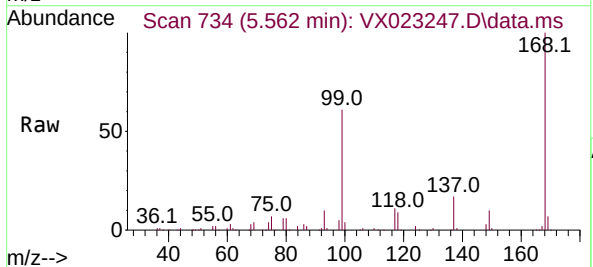
Instrument :
MSVOA_X
ClientSampled :

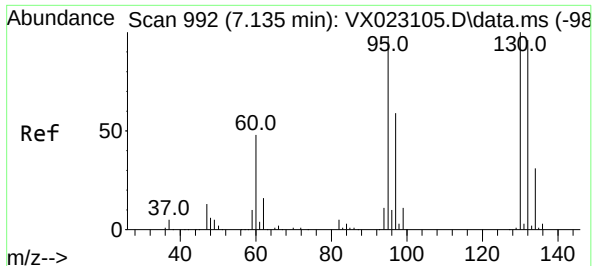
Tgt Ion: 75 Resp: 17517
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.876 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

Tgt Ion: 117 Resp: 24542
Ion Ratio Lower Upper
117 100
119 4.0 76.2 114.2#
121 0.0 24.8 37.2#

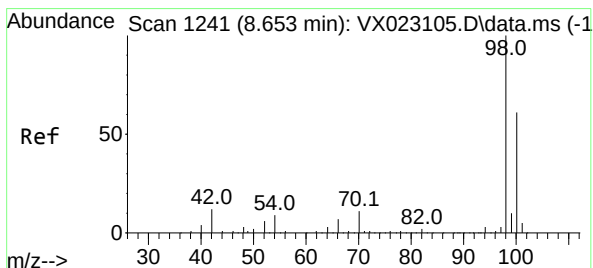
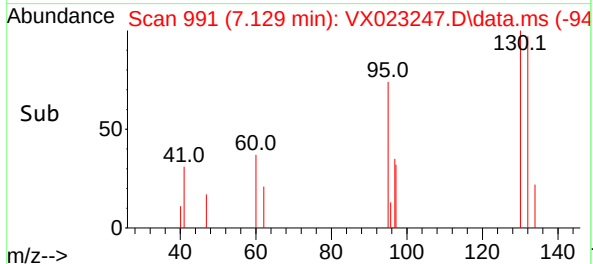
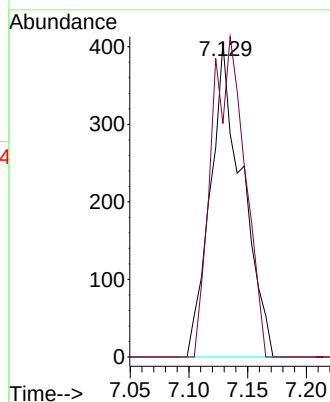
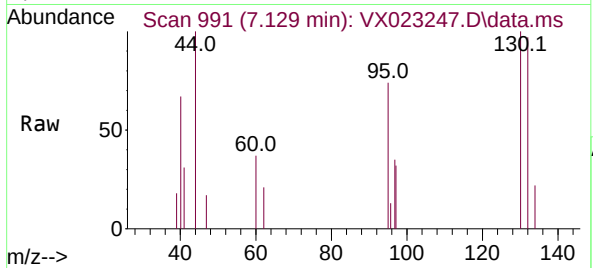




#44
Trichloroethene
Concen: 0.272 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

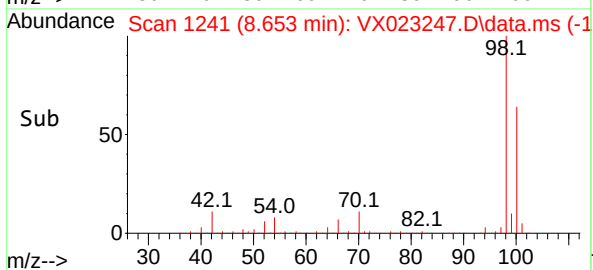
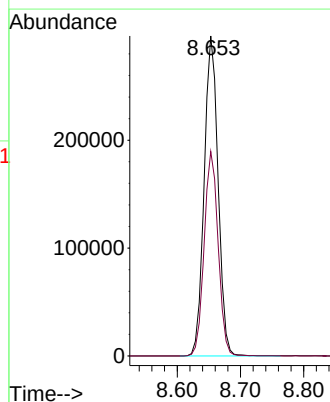
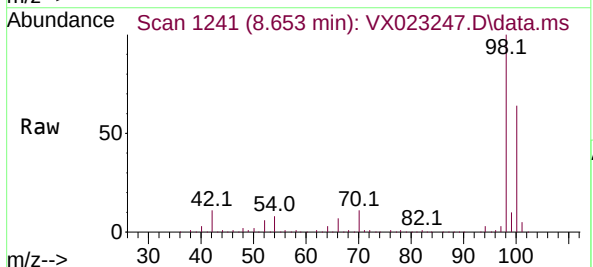
Instrument :
MSVOA_X
ClientSampleId :

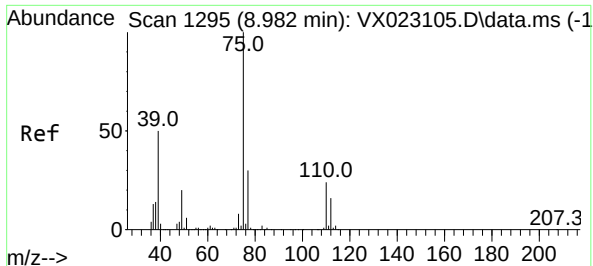
Tgt Ion:130 Resp: 765
Ion Ratio Lower Upper
130 100
95 74.3 0.0 198.0



#50
Toluene-d8
Concen: 49.288 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

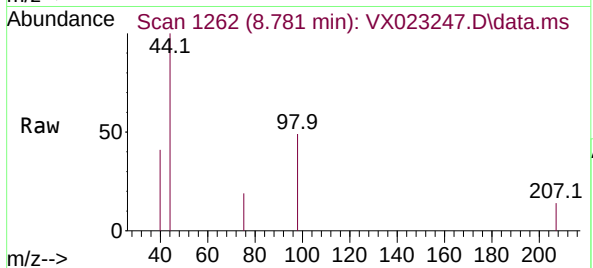
Tgt Ion: 98 Resp: 455371
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



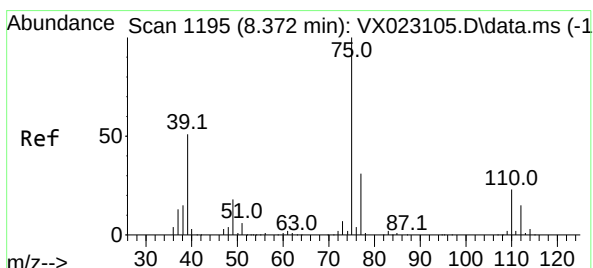
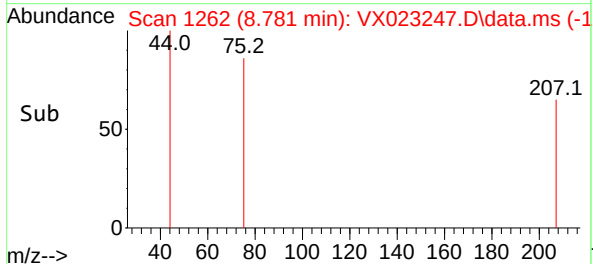
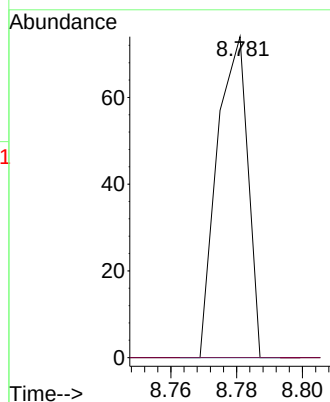


#53
t-1,3-Dichloropropene
Concen: 2.747 ug/l
RT: 8.781 min Scan# 1262
Delta R.T. -0.201 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

Instrument :
MSVOA_X
ClientSampled :

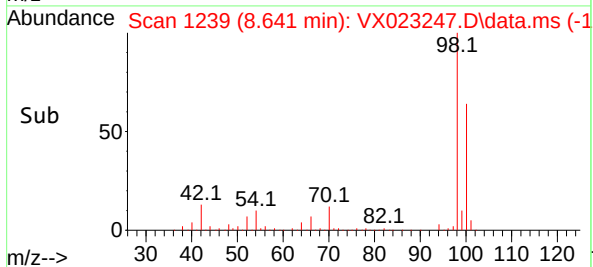
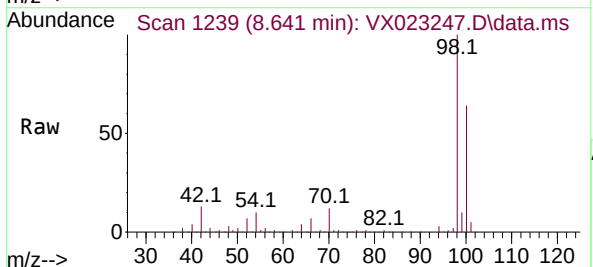
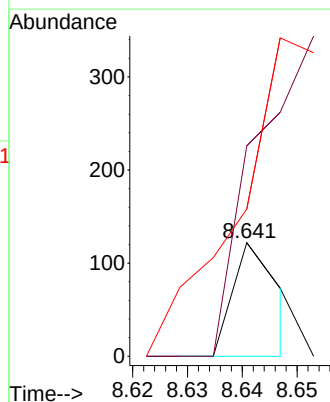


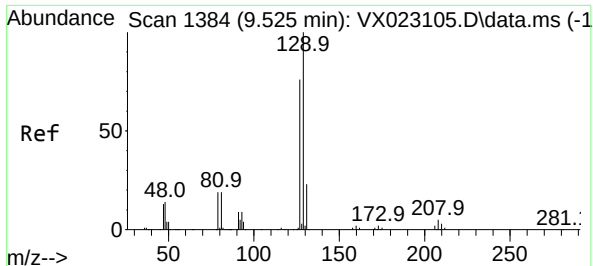
Tgt Ion: 75 Resp: 48
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#54
cis-1,3-Dichloropropene
Concen: 2.188 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.269 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

Tgt Ion: 75 Resp: 71
Ion Ratio Lower Upper
75 100
77 185.2 25.7 38.5#
39 68.9 35.1 52.7#

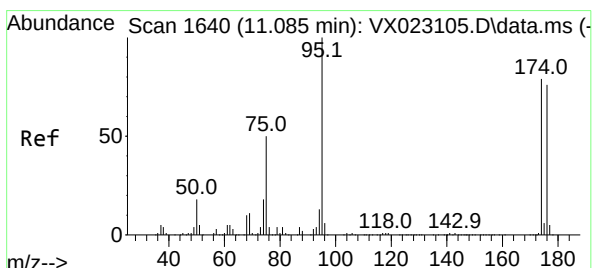
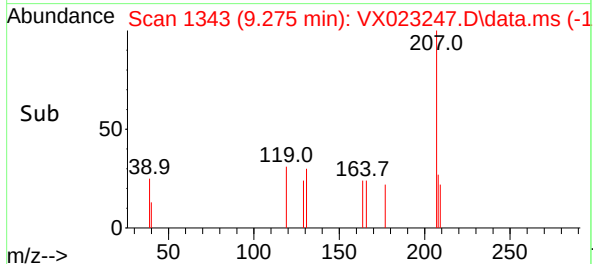
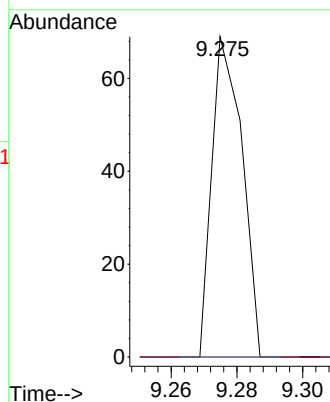
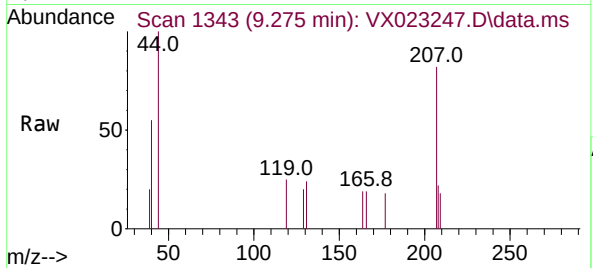




#60
Dibromochloromethane
Concen: 3.126 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

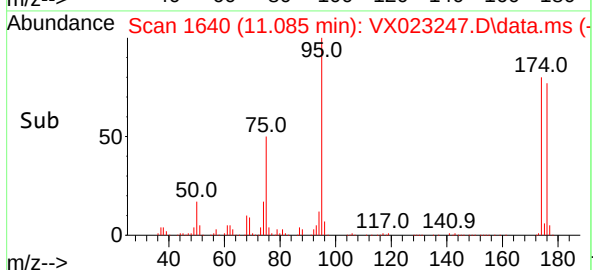
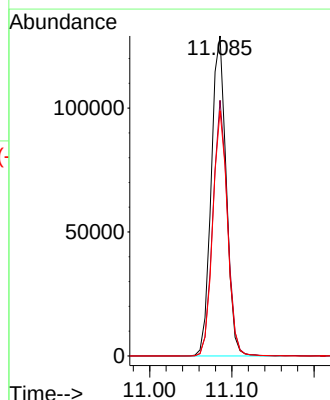
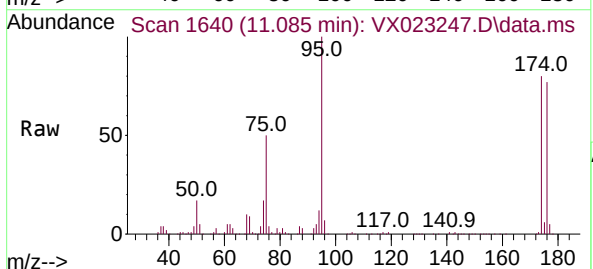
Instrument :
MSVOA_X
ClientSampled :

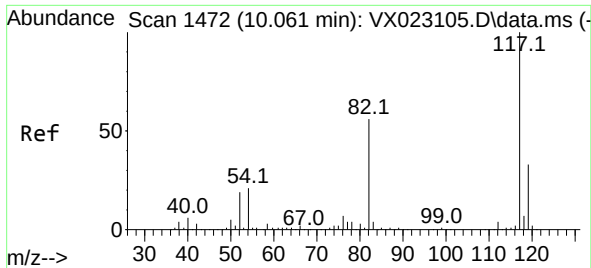
Tgt Ion:129 Resp: 44
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.815 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

Tgt Ion: 95 Resp: 163409
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 75.2 0.0 155.8

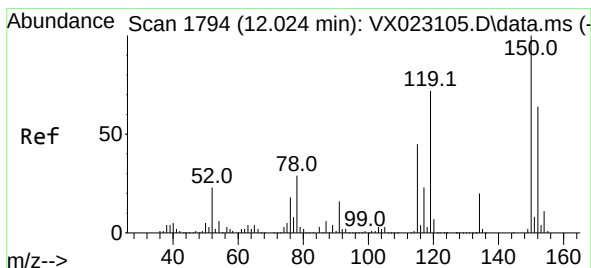
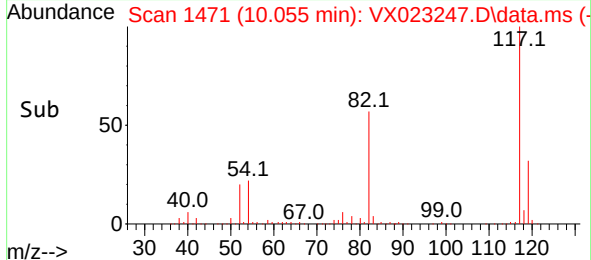
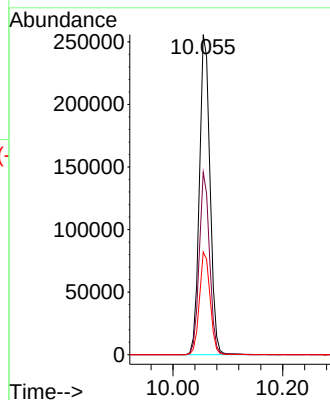
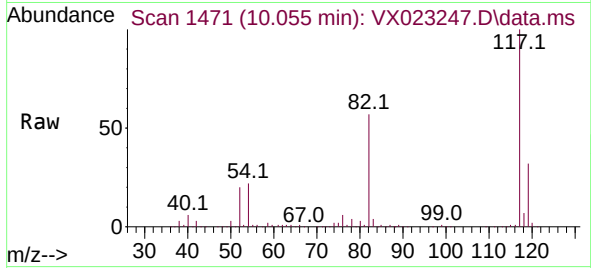




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

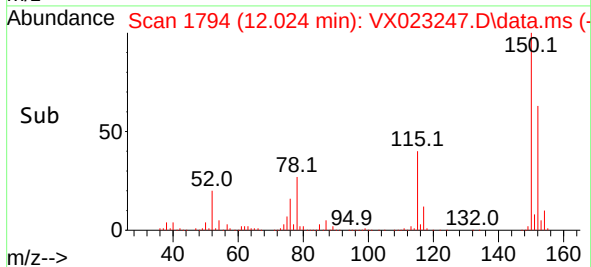
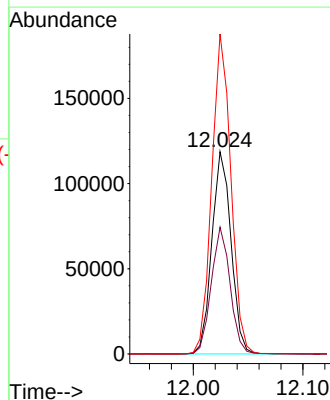
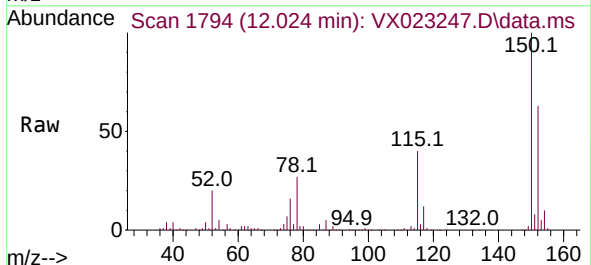
Instrument :
MSVOA_X
ClientSampled :

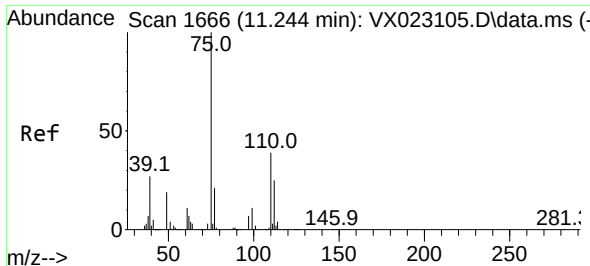
Tgt Ion:117 Resp: 344076
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

Tgt Ion:152 Resp: 144242
Ion Ratio Lower Upper
152 100
115 61.7 41.1 123.3
150 157.8 0.0 349.0

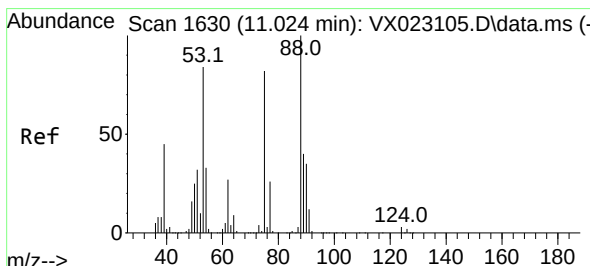
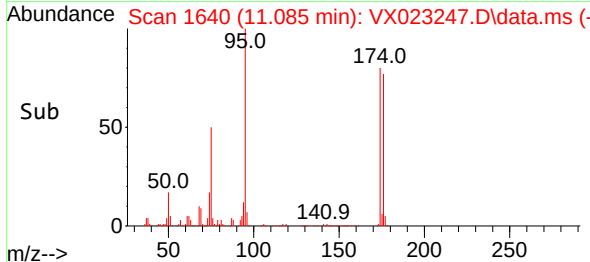
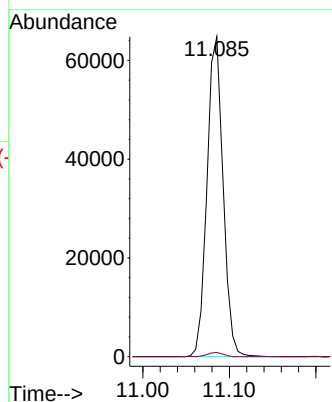
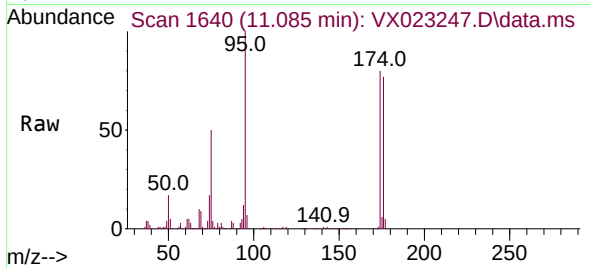




#76
1,2,3-Trichloropropane
Concen: 28.766 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

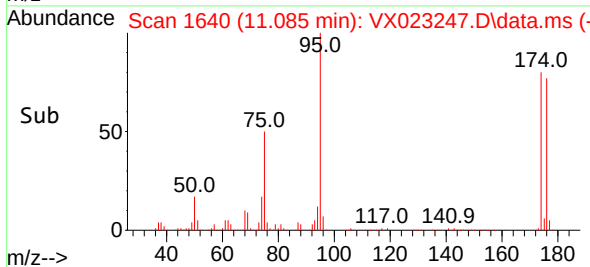
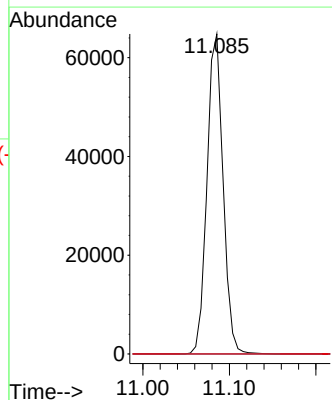
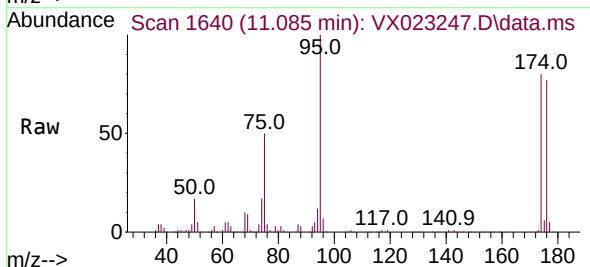
Instrument :
MSVOA_X
ClientSampled :

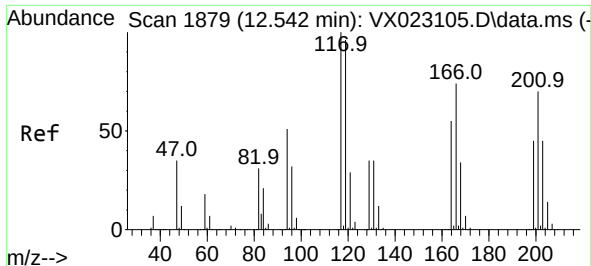
Tgt Ion: 75 Resp: 83496
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.432 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

Tgt Ion: 75 Resp: 83496
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

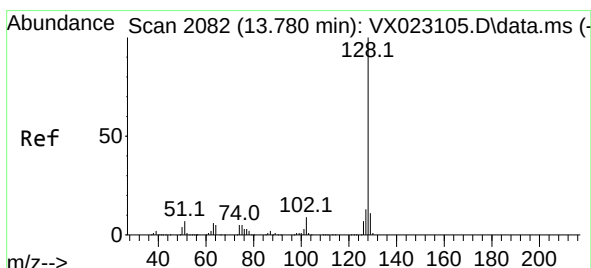
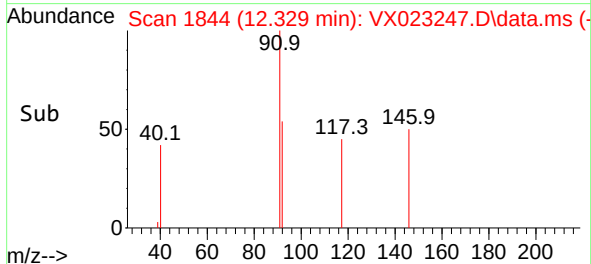
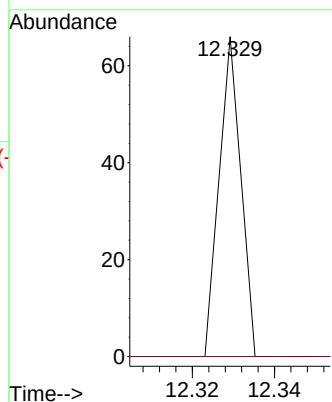
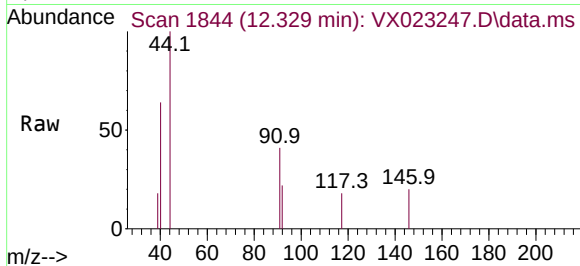




#90
Hexachloroethane
Concen: 3.010 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.213 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 24
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#95
Naphthalene
Concen: 1.302 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023247.D
Acq: 12 Jul 2021 17:22

Tgt Ion:128 Resp: 292
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

