

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023125.D
 Acq On : 02 Jul 2021 22:14
 Operator : JC/MD
 Sample : M2898-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03-6.5-11.5-062921

Quant Time: Jul 05 02:59:24 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)

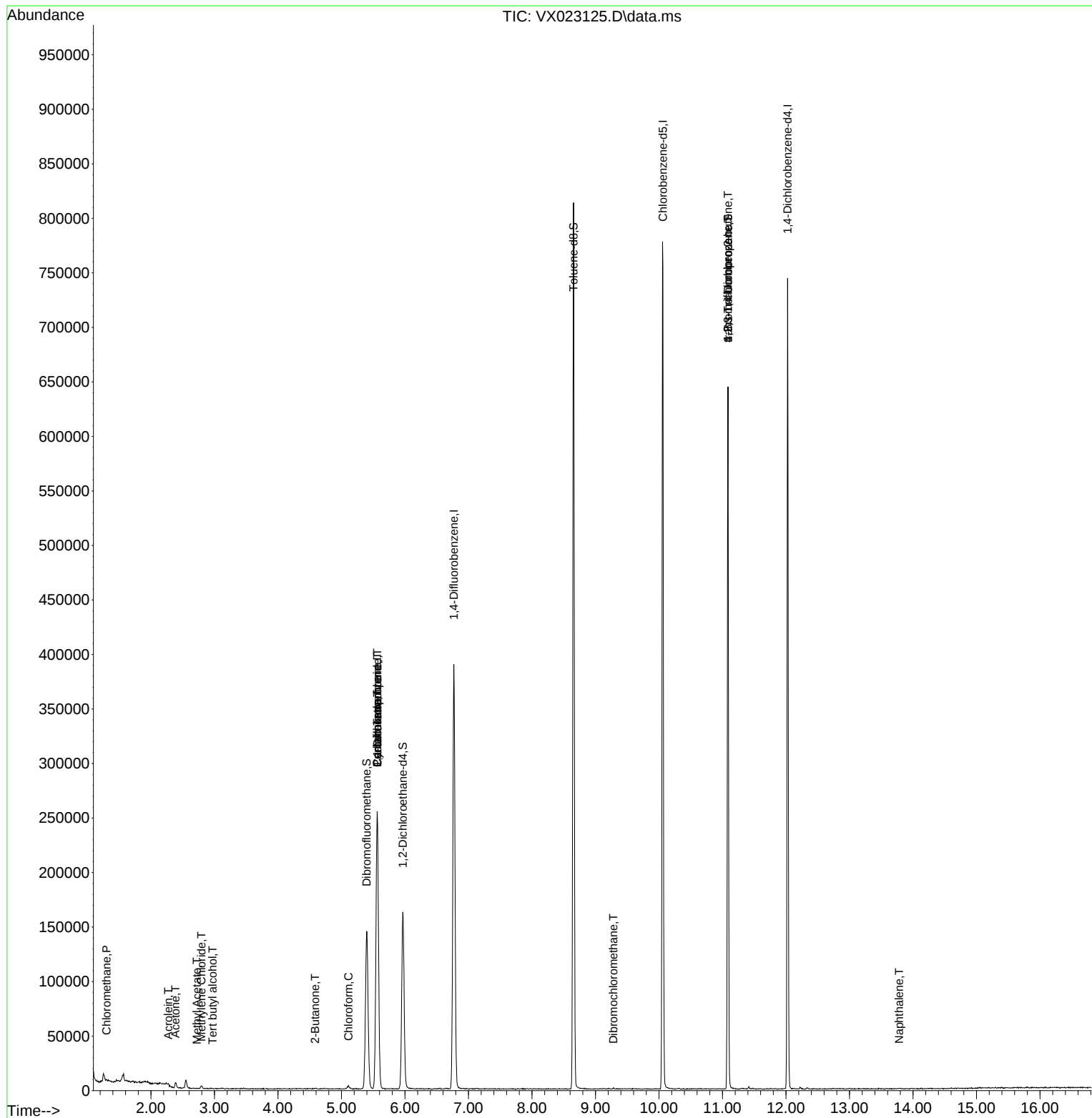
Internal Standards						
1) Pentafluorobenzene	5.562	168	231737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	383584	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	344149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	163654	52.545	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.100%		
35) Dibromofluoromethane	5.397	113	122926	49.626	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.260%		
50) Toluene-d8	8.653	98	455183	49.263	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.520%		
62) 4-Bromofluorobenzene	11.085	95	163257	45.767	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 91.540%		
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	570	0.274	ug/l	96
5) Bromomethane	1.618	94	837	Below Cal		93
11) Tert butyl alcohol	2.971	59	232	0.354	ug/l #	73
13) Acrolein	2.270	56	137	0.314	ug/l #	1
16) Acetone	2.386	43	4847	3.934	ug/l	90
18) Methyl Acetate	2.721	43	610	0.204	ug/l #	47
20) Methylene Chloride	2.794	84	971	0.366	ug/l #	71
25) 2-Butanone	4.587	43	575	0.309	ug/l #	45
30) Chloroform	5.111	83	3049	0.660	ug/l	91
31) Cyclohexane	5.562	56	5421	1.454	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	19013	5.560	ug/l #	51
38) Carbon Tetrachloride	5.562	117	24718	6.925	ug/l #	16
60) Dibromochloromethane	9.281	129	27	3.121	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	86877	29.913	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	86877	80.331	ug/l #	12
95) Naphthalene	13.780	128	233	1.297	ug/l #	69

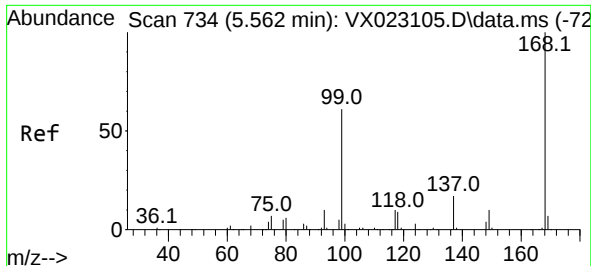
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
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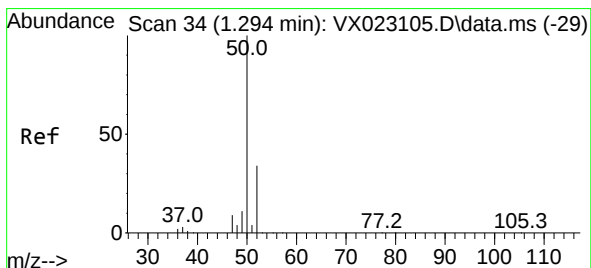
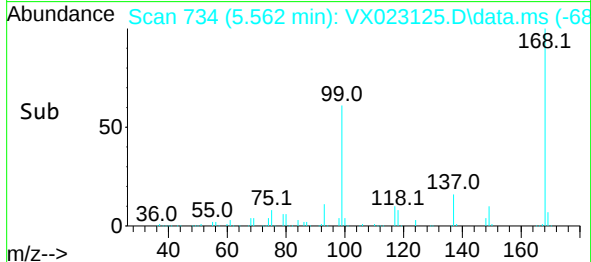
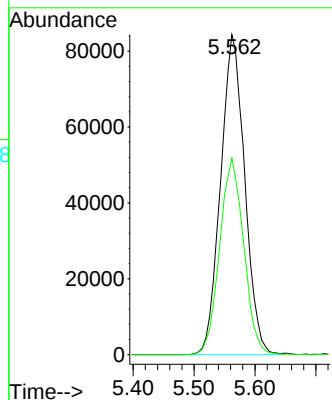
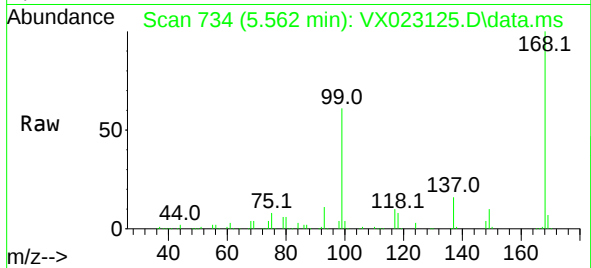




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023125.D
Acq: 02 Jul 2021 22:14

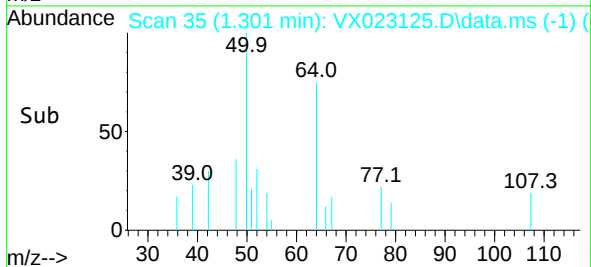
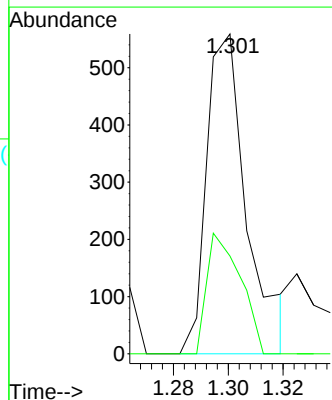
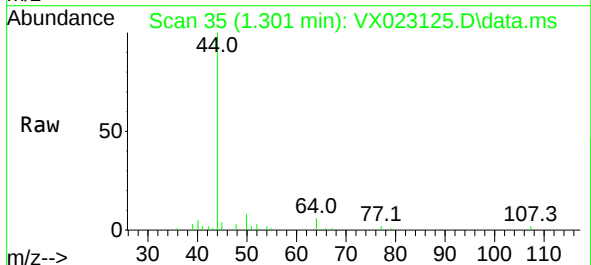
Instrument :
MSVOA_X
ClientSampleId :
MW-03-6.5-11.5-062921

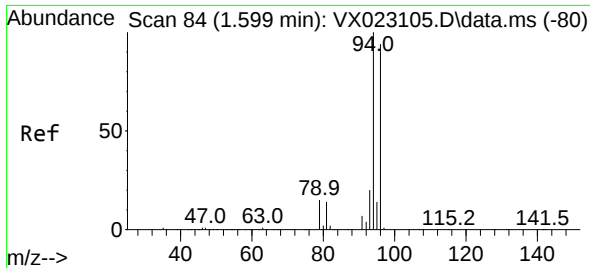
Tgt Ion:168 Resp: 231737
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#3
Chloromethane
Concen: 0.274 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023125.D
Acq: 02 Jul 2021 22:14

Tgt Ion: 50 Resp: 570
Ion Ratio Lower Upper
50 100
52 30.6 26.4 39.6

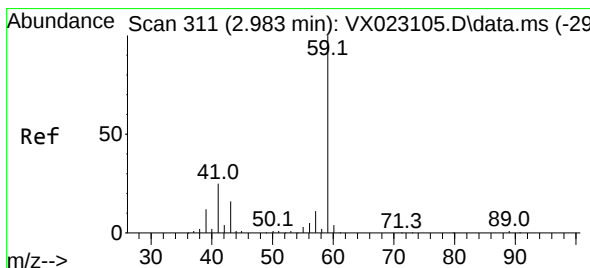
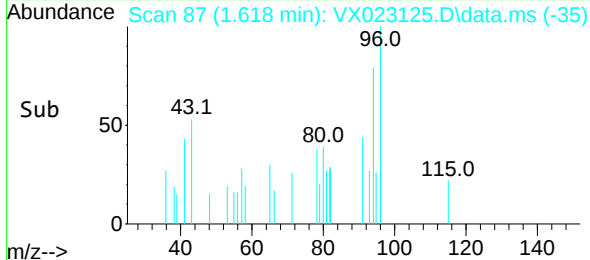
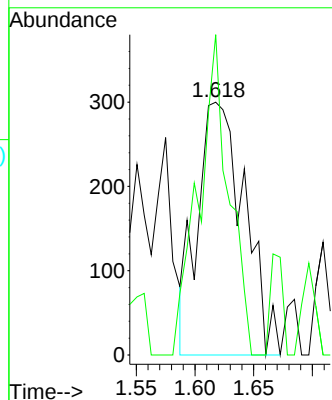
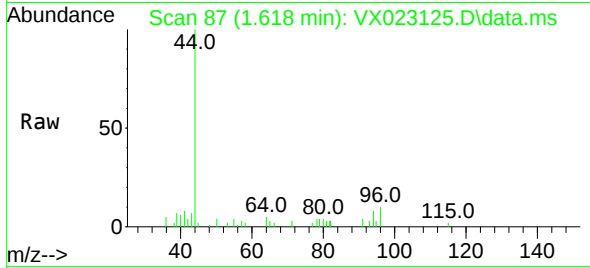




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023125.D
Acq: 02 Jul 2021 22:14

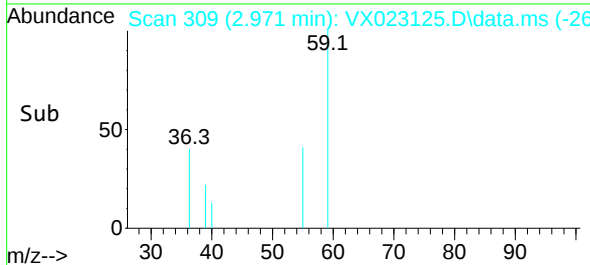
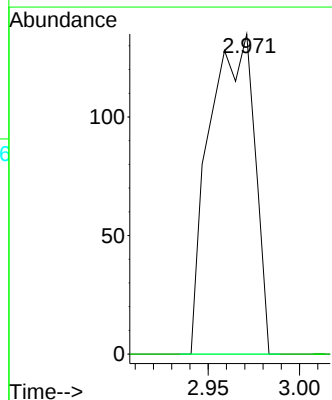
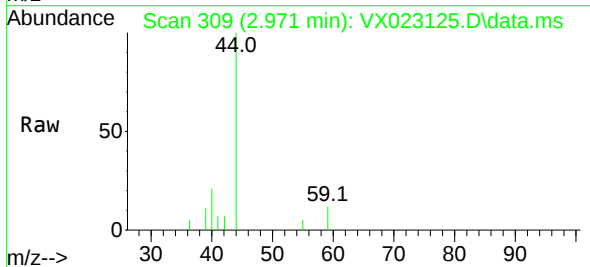
Instrument :
MSVOA_X
ClientSampleId :
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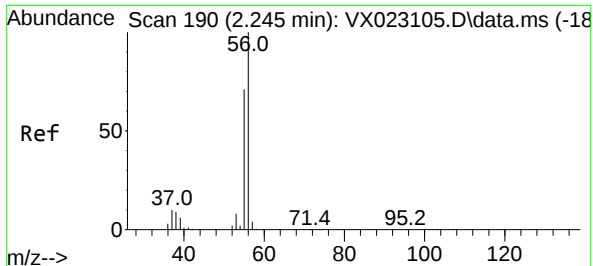
Tgt Ion: 94 Resp: 837
Ion Ratio Lower Upper
94 100
96 102.3 76.4 114.6



#11
Tert butyl alcohol
Concen: 0.354 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023125.D
Acq: 02 Jul 2021 22:14

Tgt Ion: 59 Resp: 232
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

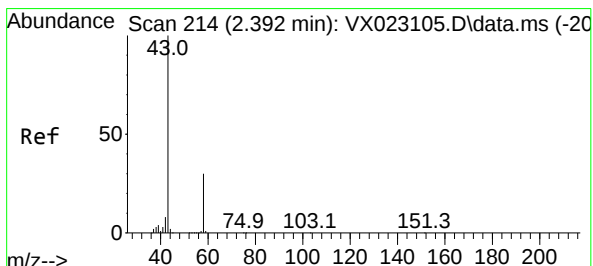
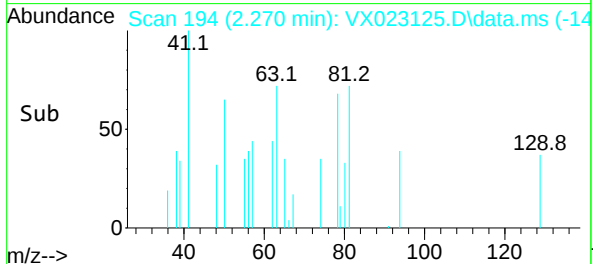
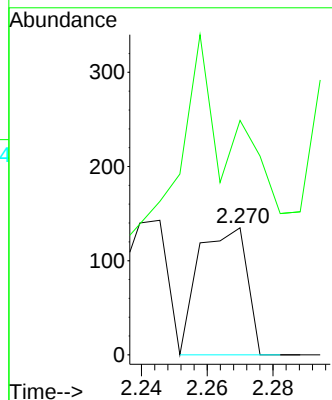
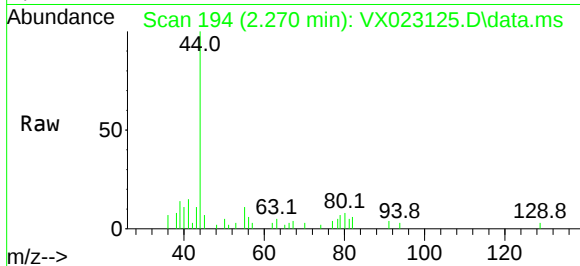




#13
Acrolein
Concen: 0.314 ug/l
RT: 2.270 min Scan# 194
Delta R.T. 0.025 min
Lab File: VX023125.D
Acq: 02 Jul 2021 22:14

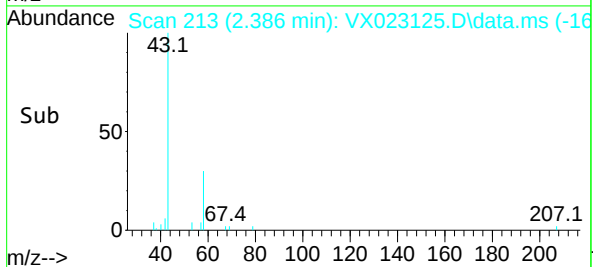
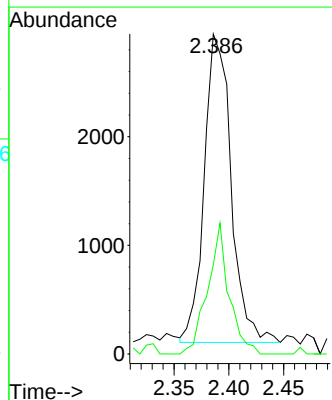
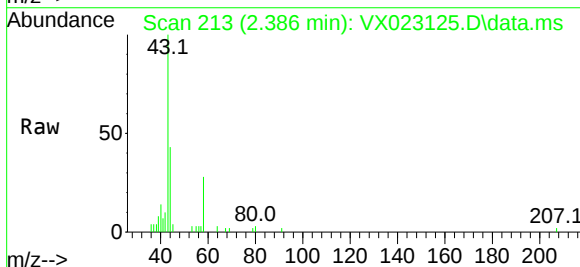
Instrument :
MSVOA_X
ClientSampleId :
MW-03-6.5-11.5-062921

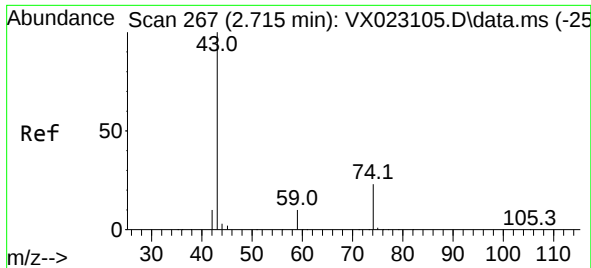
Tgt Ion: 56 Resp: 137
Ion Ratio Lower Upper
56 100
55 175.9 56.4 84.6#



#16
Acetone
Concen: 3.934 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023125.D
Acq: 02 Jul 2021 22:14

Tgt Ion: 43 Resp: 4847
Ion Ratio Lower Upper
43 100
58 28.9 27.8 41.8

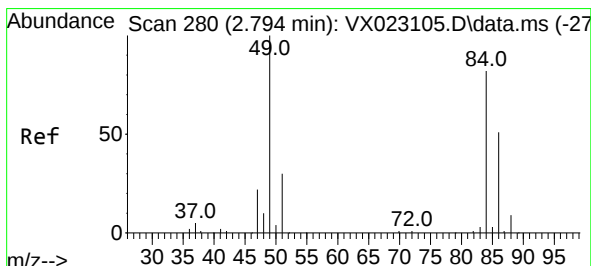
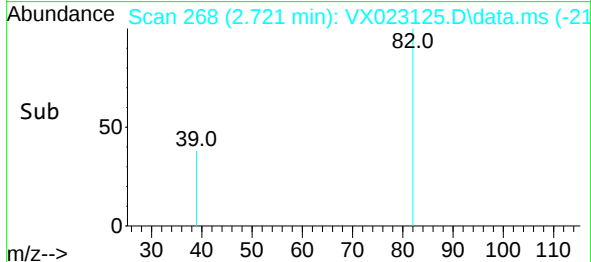
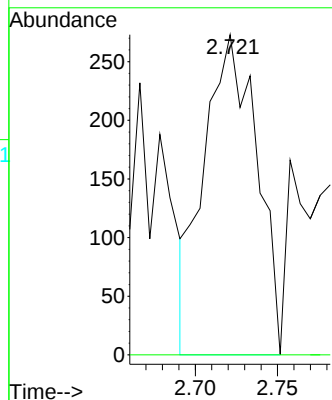
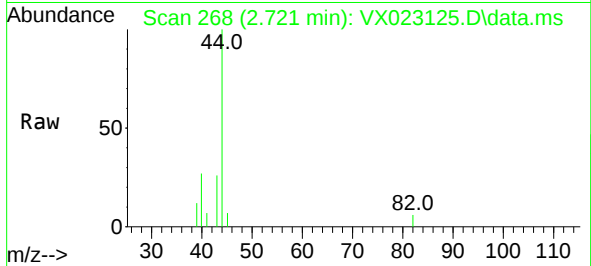




#18
Methyl Acetate
Concen: 0.204 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX023125.D
Acq: 02 Jul 2021 22:14

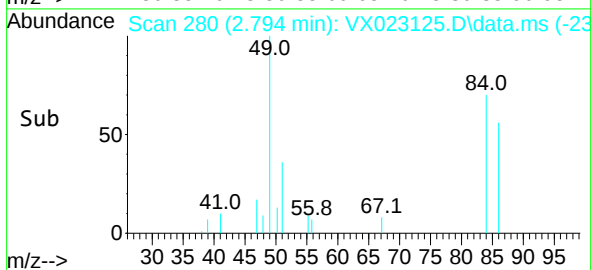
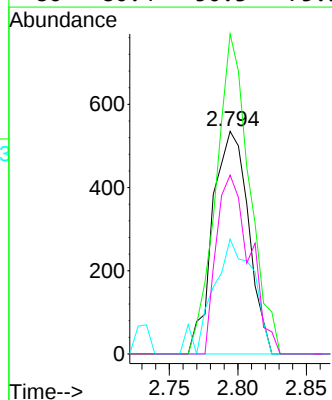
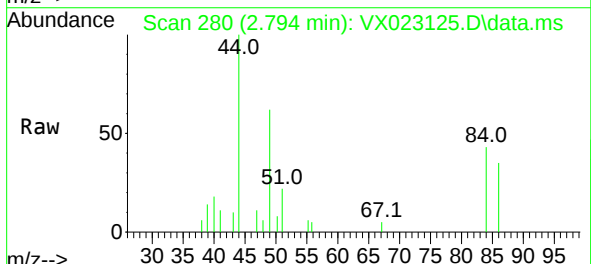
Instrument :
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ClientSampleId :
MW-03-6.5-11.5-062921

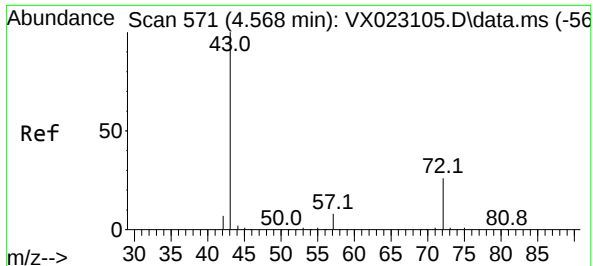
Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.366 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023125.D
Acq: 02 Jul 2021 22:14

Tgt Ion: 84 Resp: 971
Ion Ratio Lower Upper
84 100
49 143.7 88.6 132.8#
51 51.6 27.0 40.6#
86 80.4 50.3 75.5#





#25

2-Butanone

Concen: 0.309 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX023125.D

Acq: 02 Jul 2021 22:14

Tgt Ion: 43 Resp: 575

Ion Ratio Lower Upper

43 100

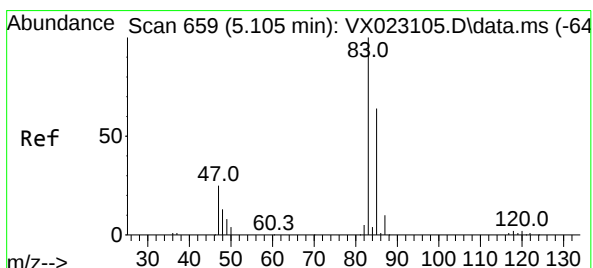
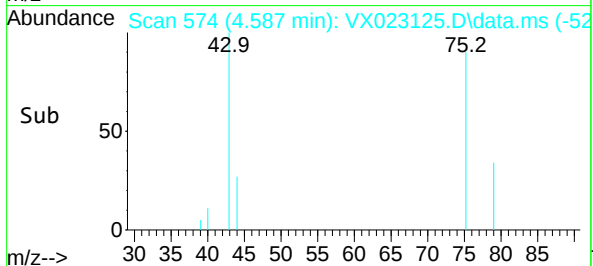
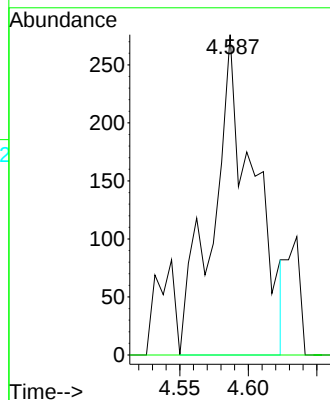
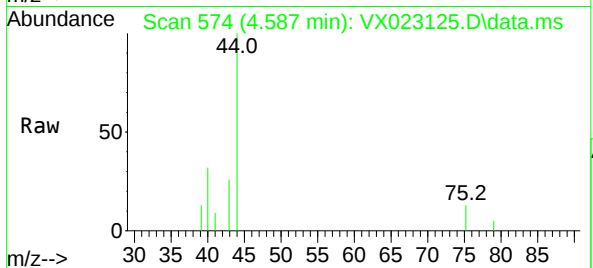
72 0.0 23.7 35.5#

Instrument :

MSVOA_X

ClientSampleId :

MW-03-6.5-11.5-062921



#30

Chloroform

Concen: 0.660 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX023125.D

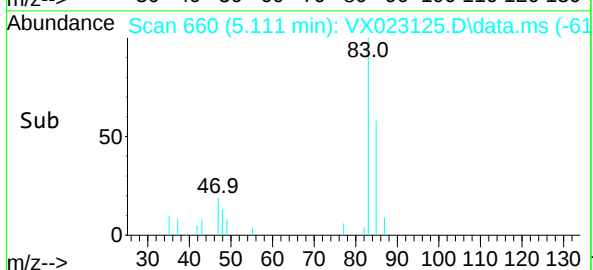
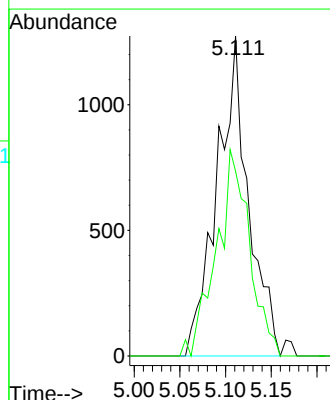
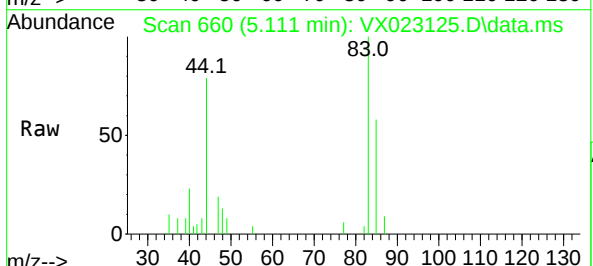
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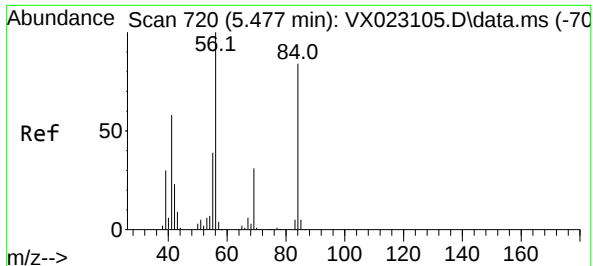
Tgt Ion: 83 Resp: 3049

Ion Ratio Lower Upper

83 100

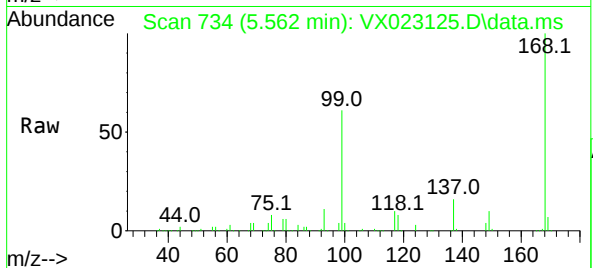
85 57.8 52.0 78.0



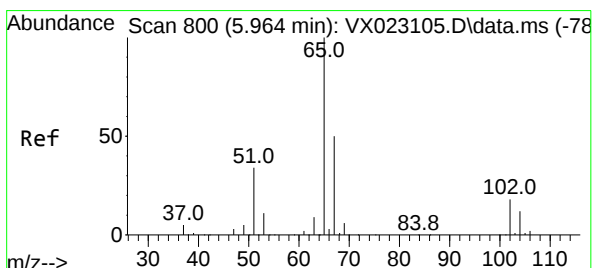
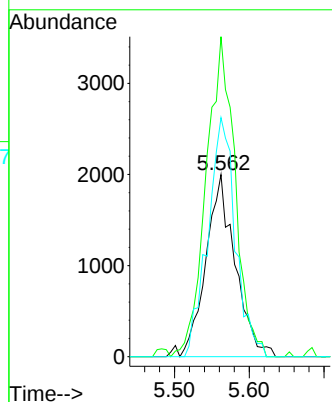
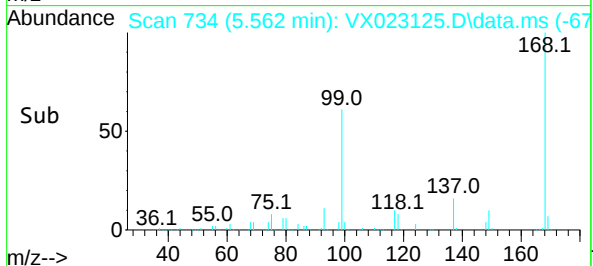


#31
Cyclohexane
Concen: 1.454 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023125.D
Acq: 02 Jul 2021 22:14

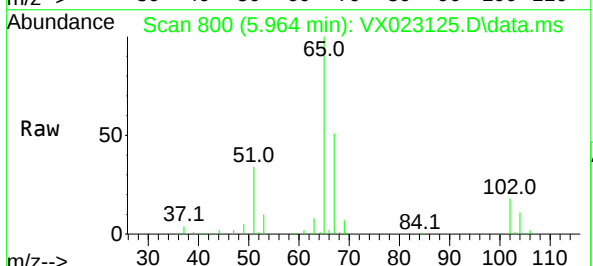
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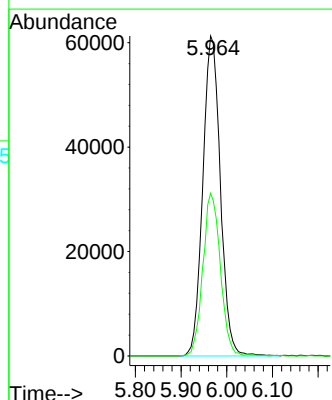
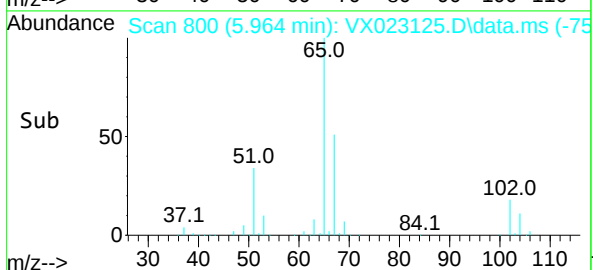
Tgt Ion: 56 Resp: 5421
Ion Ratio Lower Upper
56 100
69 175.7 25.3 37.9#
84 131.2 71.4 107.0#

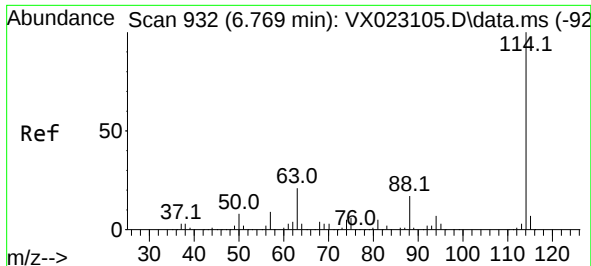


#33
1,2-Dichloroethane-d4
Concen: 52.545 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023125.D
Acq: 02 Jul 2021 22:14



Tgt Ion: 65 Resp: 163654
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

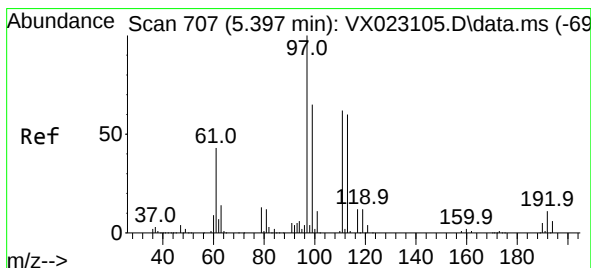
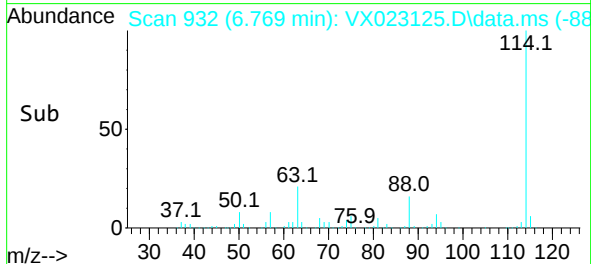
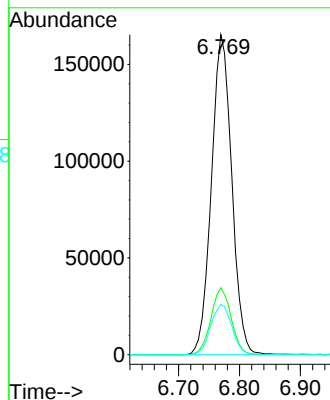
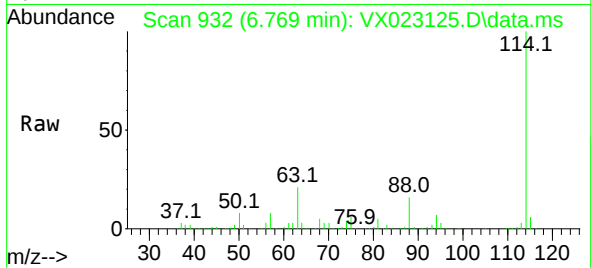




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023125.D
Acq: 02 Jul 2021 22:14

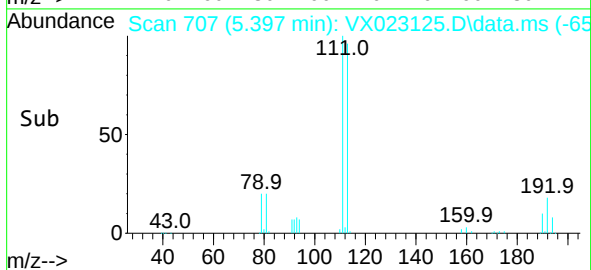
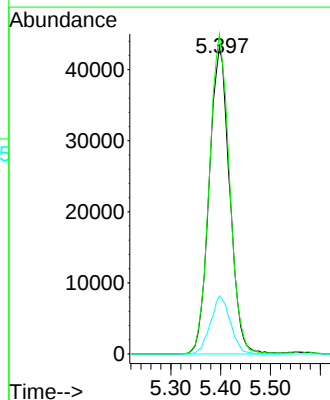
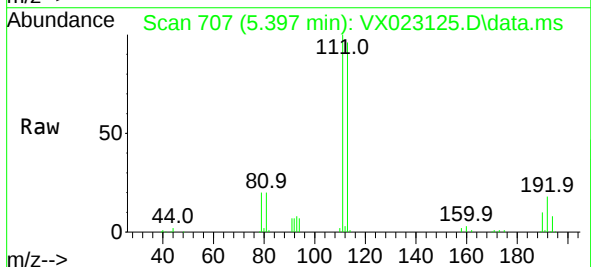
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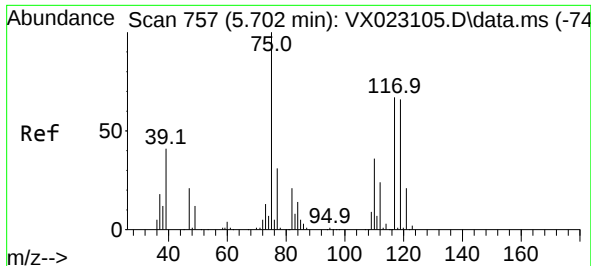
Tgt Ion:114 Resp: 383584
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.626 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023125.D
Acq: 02 Jul 2021 22:14

Tgt Ion:113 Resp: 122926
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 18.3 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.560 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023125.D

Acq: 02 Jul 2021 22:14

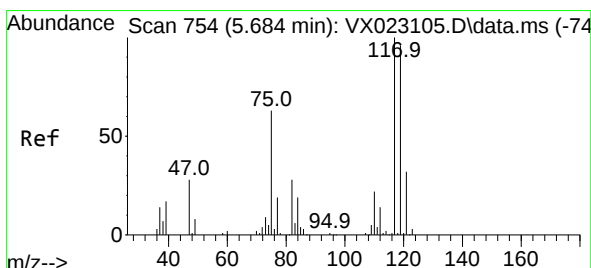
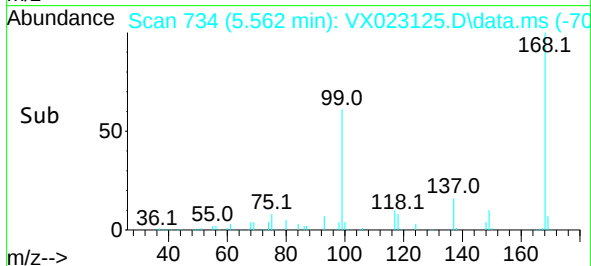
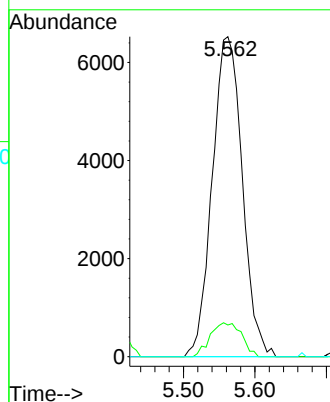
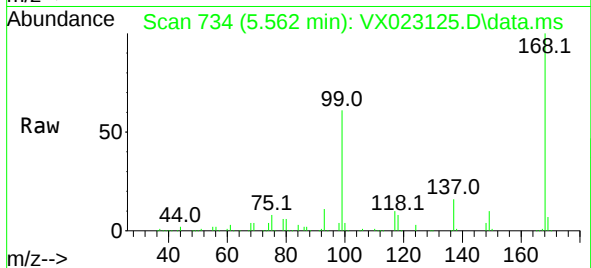
Tgt Ion: 75 Resp: 19013

Ion Ratio Lower Upper

75 100

110 11.0 18.1 54.4#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.925 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX023125.D

Acq: 02 Jul 2021 22:14

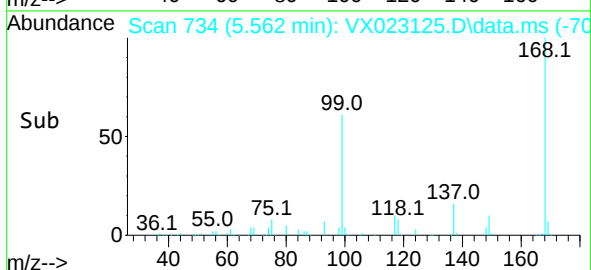
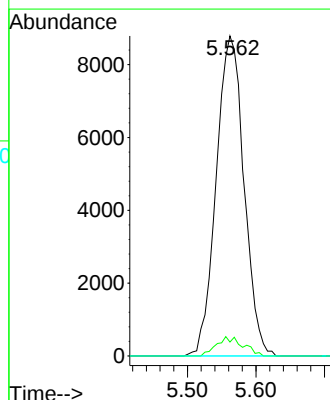
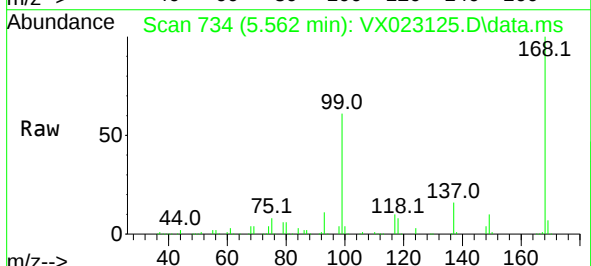
Tgt Ion: 117 Resp: 24718

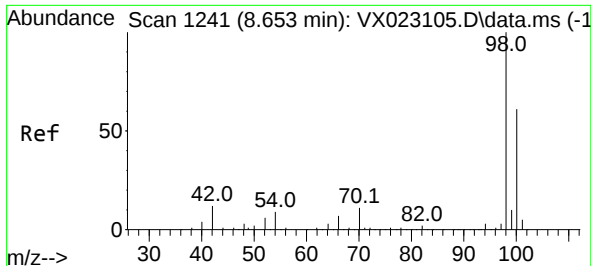
Ion Ratio Lower Upper

117 100

119 4.4 76.2 114.2#

121 0.0 24.8 37.2#

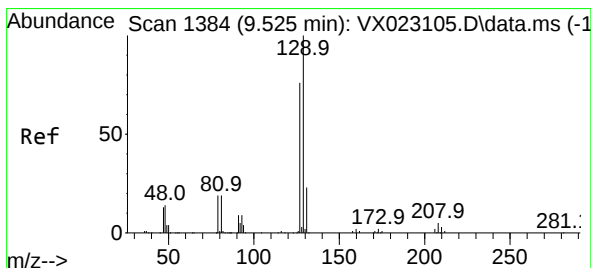
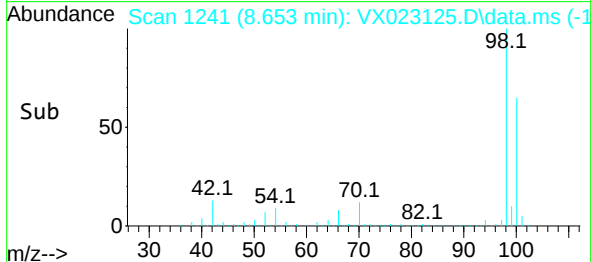
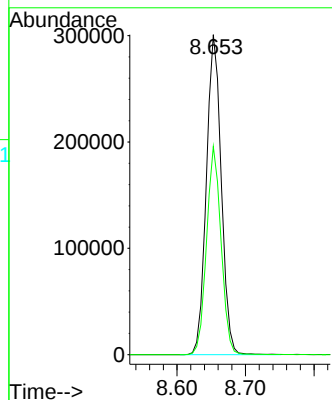
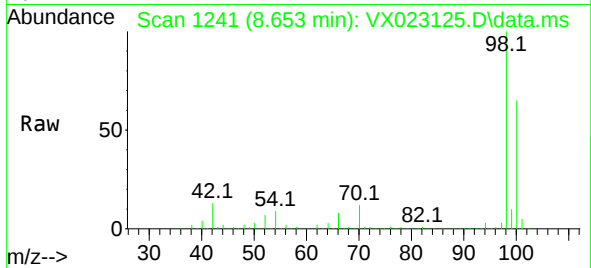




#50
Toluene-d8
Concen: 49.263 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023125.D
Acq: 02 Jul 2021 22:14

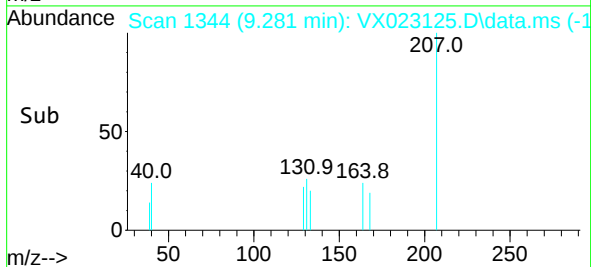
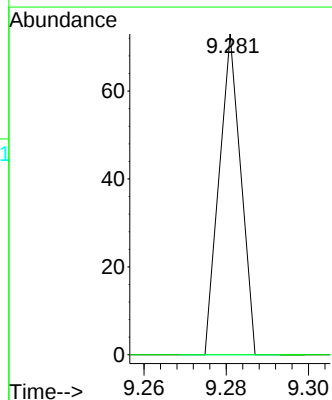
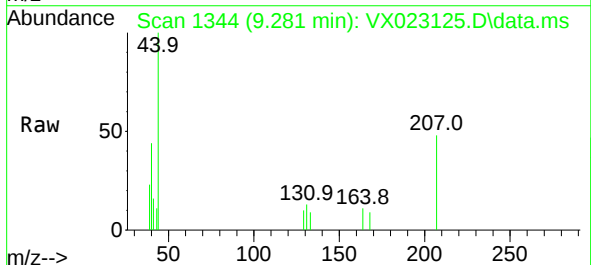
Instrument :
MSVOA_X
ClientSampleId :
MW-03-6.5-11.5-062921

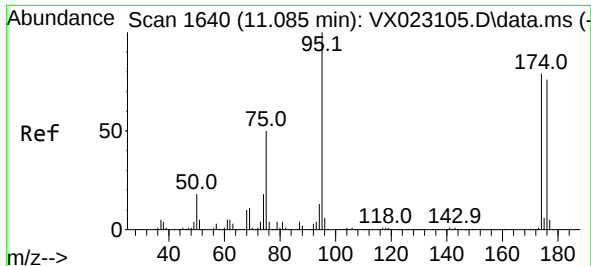
Tgt Ion: 98 Resp: 455183
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#60
Dibromochloromethane
Concen: 3.121 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023125.D
Acq: 02 Jul 2021 22:14

Tgt Ion: 129 Resp: 27
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

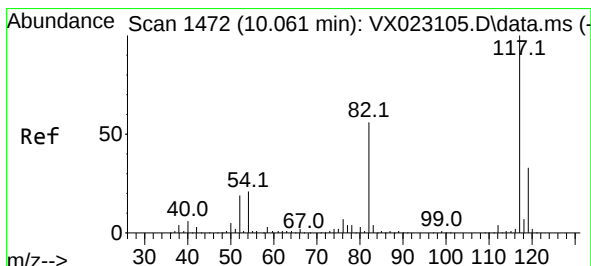
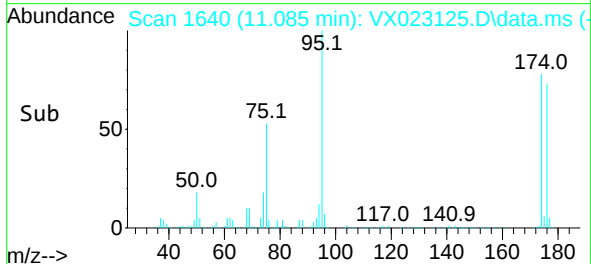
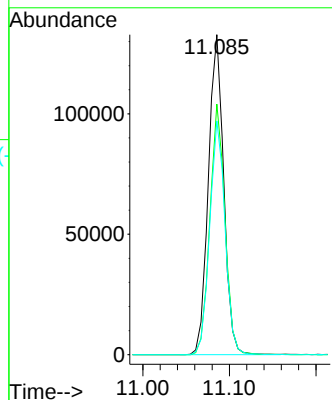
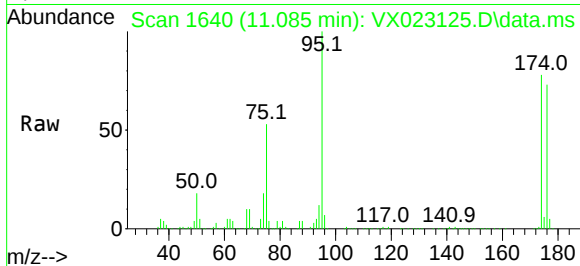




#62
4-Bromofluorobenzene
Concen: 45.767 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023125.D
Acq: 02 Jul 2021 22:14

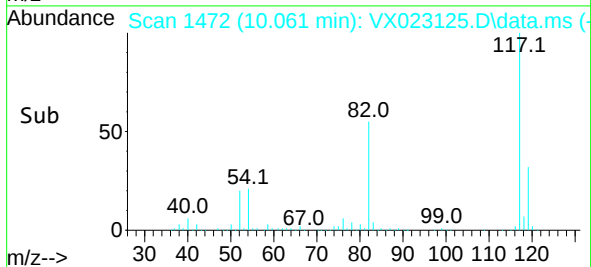
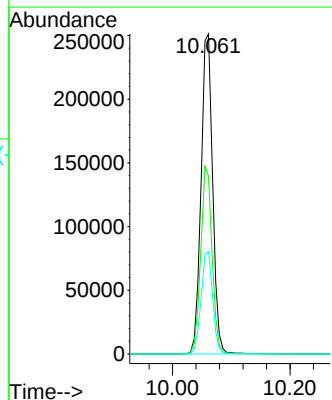
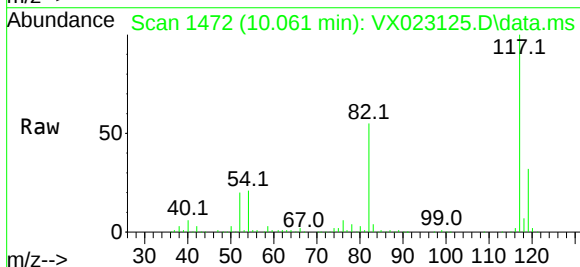
Instrument :
MSVOA_X
ClientSampleId :
MW-03-6.5-11.5-062921

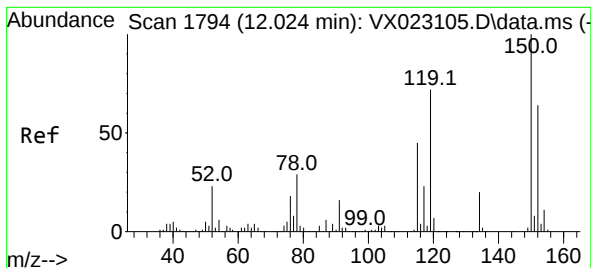
Tgt Ion: 95 Resp: 163257
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 73.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023125.D
Acq: 02 Jul 2021 22:14

Tgt Ion: 117 Resp: 344149
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 31.9 26.6 39.8

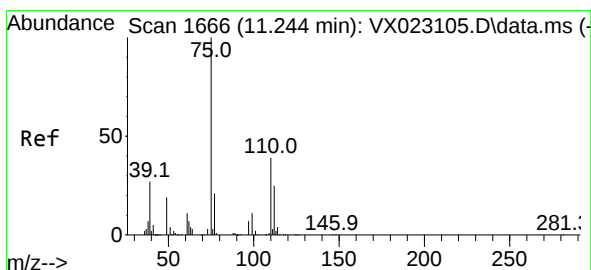
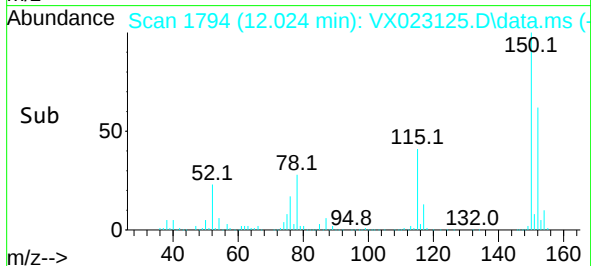
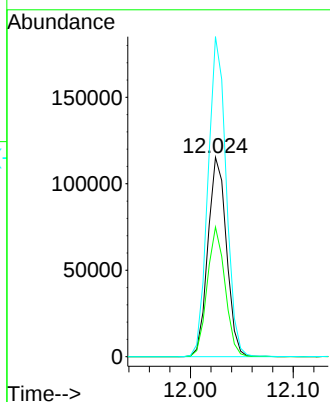
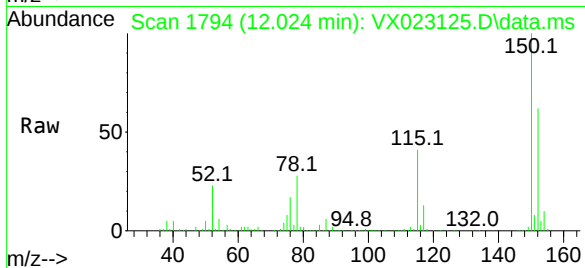




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023125.D
 Acq: 02 Jul 2021 22:14

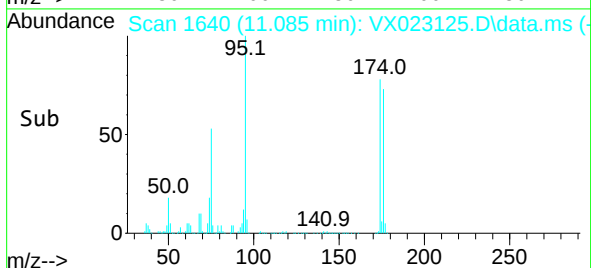
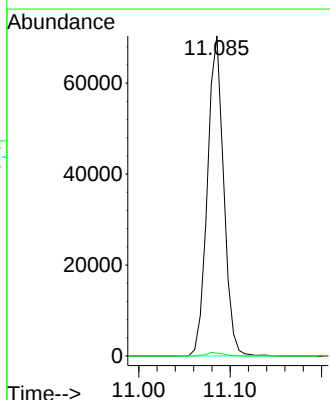
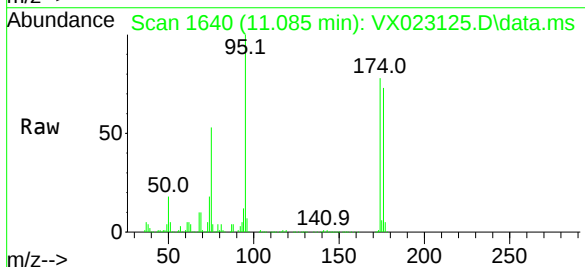
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03-6.5-11.5-062921

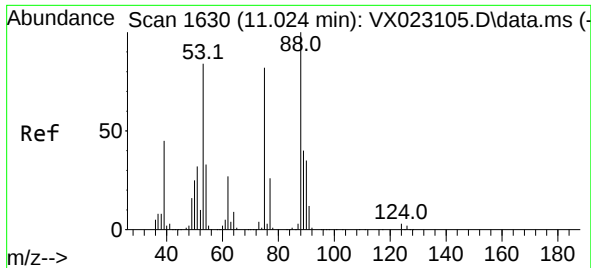
Tgt Ion:152 Resp: 144326
 Ion Ratio Lower Upper
 152 100
 115 62.7 41.1 123.3
 150 157.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 29.913 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023125.D
 Acq: 02 Jul 2021 22:14

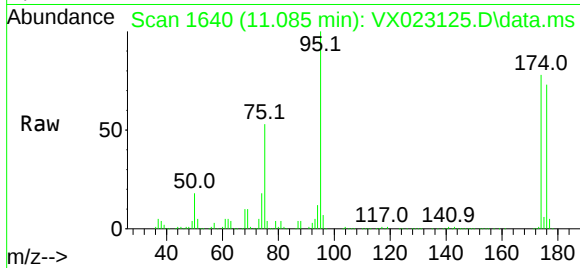
Tgt Ion: 75 Resp: 86877
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#



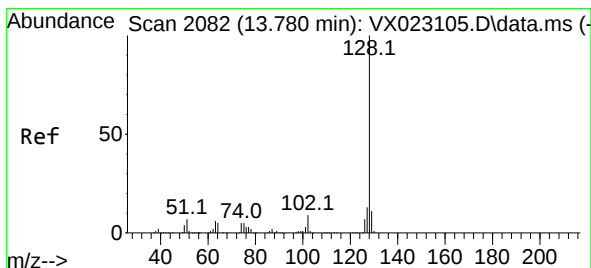
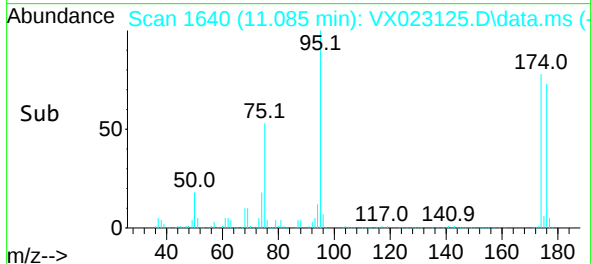
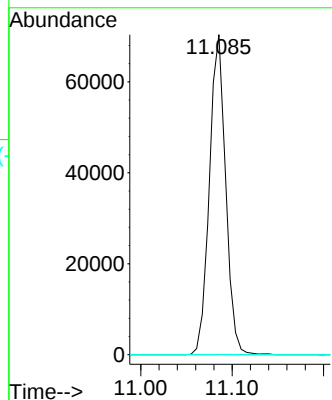


#81
trans-1,4-Dichloro-2-butene
Concen: 80.331 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023125.D
Acq: 02 Jul 2021 22:14

Instrument :
MSVOA_X
ClientSampleId :
MW-03-6.5-11.5-062921



Tgt Ion: 75 Resp: 86877
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.297 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023125.D
Acq: 02 Jul 2021 22:14

Tgt Ion: 128 Resp: 233
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

