

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023129.D
 Acq On : 02 Jul 2021 23:48
 Operator : JC/MD
 Sample : M2907-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13B-063021

Quant Time: Jul 05 03:00:34 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)

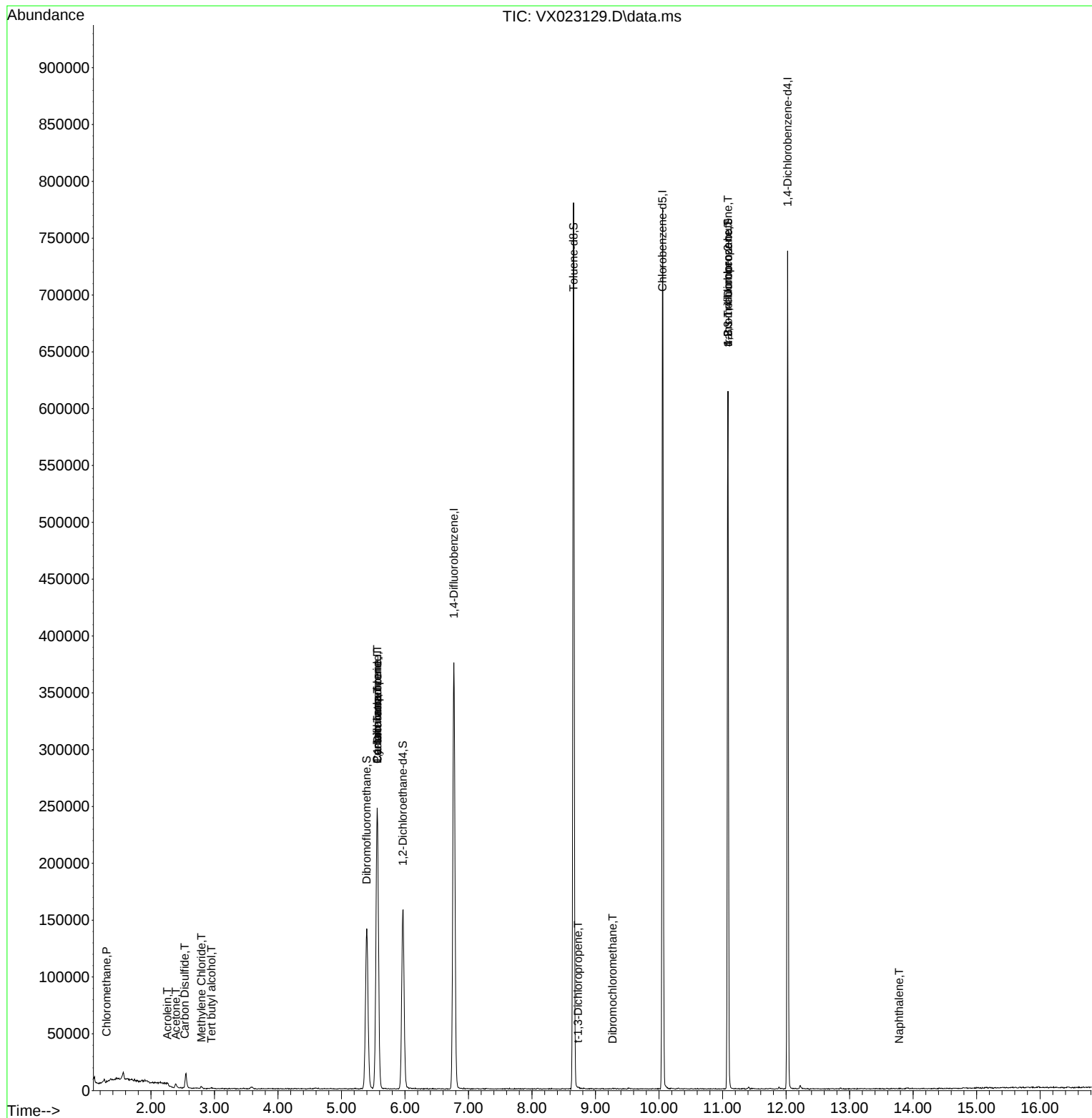
Internal Standards						
1) Pentafluorobenzene	5.562	168	226398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	370869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	335268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	160678	52.806	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.620%			
35) Dibromofluoromethane	5.397	113	119109	49.734	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.460%			
50) Toluene-d8	8.653	98	445293	49.845	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.680%			
62) 4-Bromofluorobenzene	11.085	95	161782	46.909	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.820%			
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	511	0.252	ug/l	99
5) Bromomethane	1.575	94	413	Below Cal	#	2
11) Tert butyl alcohol	2.953	59	329	0.514	ug/l #	73
13) Acrolein	2.258	56	155	0.364	ug/l #	6
16) Acetone	2.392	43	3588	2.981	ug/l	91
17) Carbon Disulfide	2.532	76	1045	0.246	ug/l #	75
20) Methylene Chloride	2.794	84	823	0.318	ug/l #	82
31) Cyclohexane	5.562	56	5434	1.492	ug/l #	16
36) 1,1-Dichloropropene	5.562	75	18423	5.572	ug/l #	49
38) Carbon Tetrachloride	5.562	117	24084	6.979	ug/l #	17
53) t-1,3-Dichloropropene	8.726	75	26	2.742	ug/l #	44
60) Dibromochloromethane	9.269	129	68	3.135	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	86084	29.840	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	86084	80.147	ug/l #	12
95) Naphthalene	13.780	128	357	1.308	ug/l #	69

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

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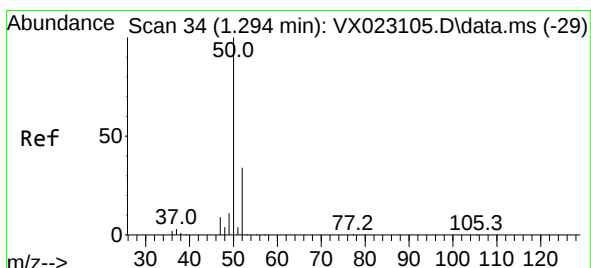
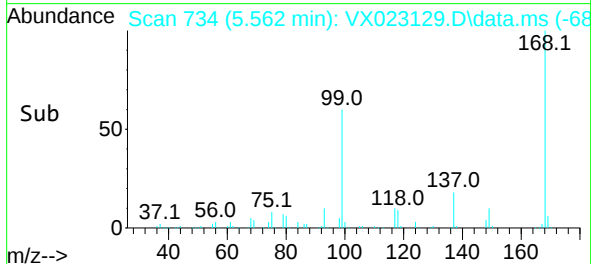
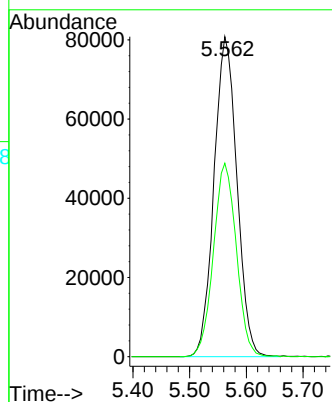
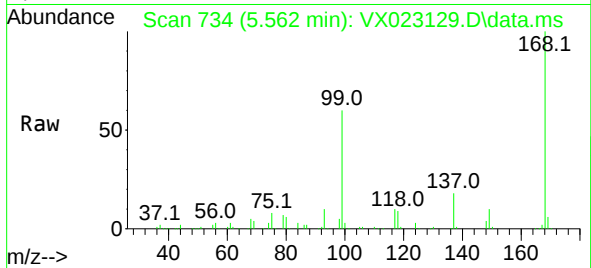




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

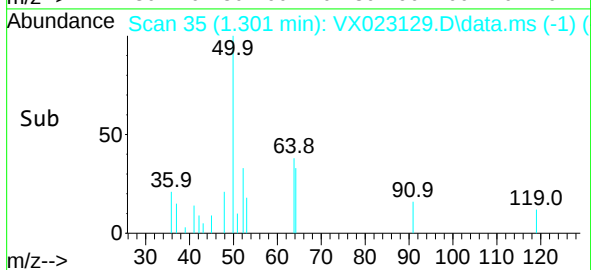
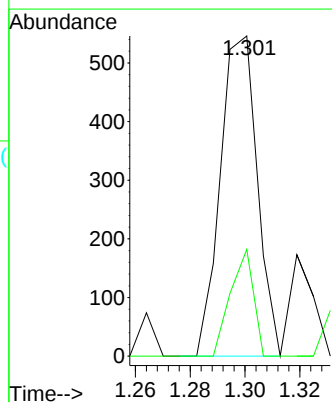
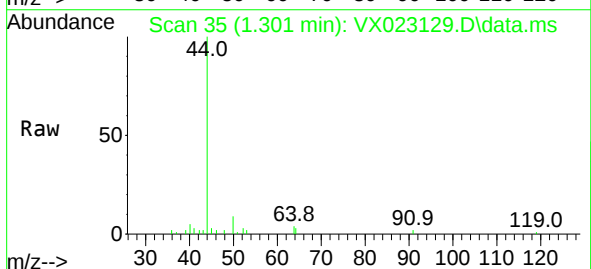
Instrument :
MSVOA_X
ClientSampleId :
MW-13B-063021

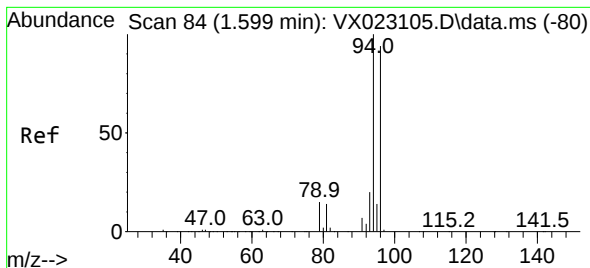
Tgt Ion:168 Resp: 226398
Ion Ratio Lower Upper
168 100
99 60.4 45.8 68.6



#3
Chloromethane
Concen: 0.252 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

Tgt Ion: 50 Resp: 511
Ion Ratio Lower Upper
50 100
52 33.3 26.4 39.6

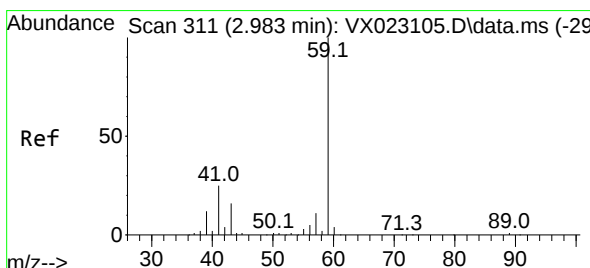
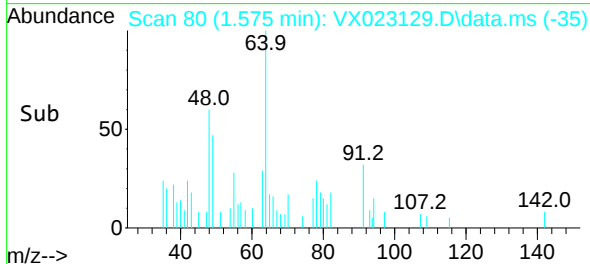
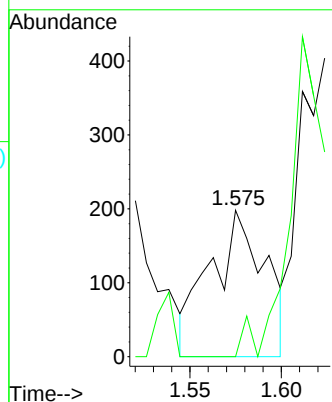
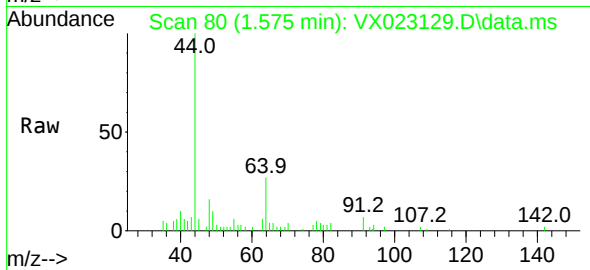




#5
Bromomethane
Concen: Below Cal
RT: 1.575 min Scan# 80
Delta R.T. -0.024 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

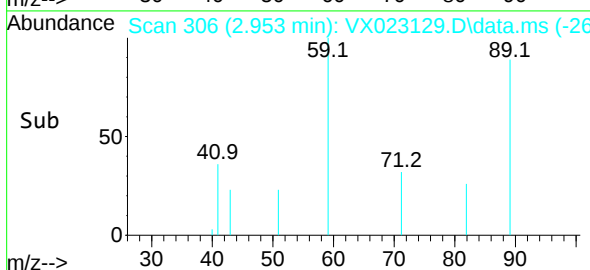
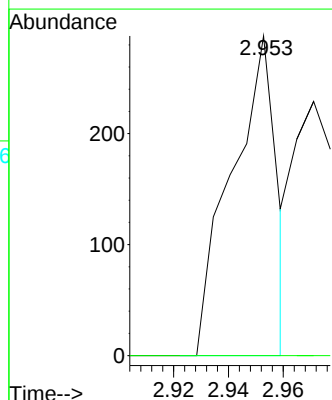
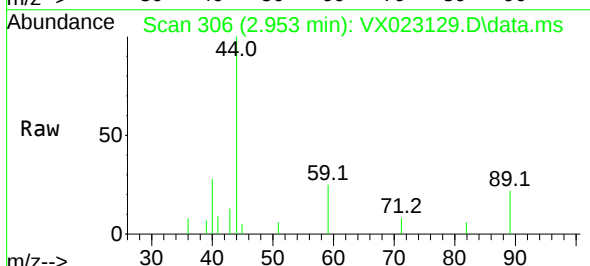
Instrument :
MSVOA_X
ClientSampleId :
MW-13B-063021

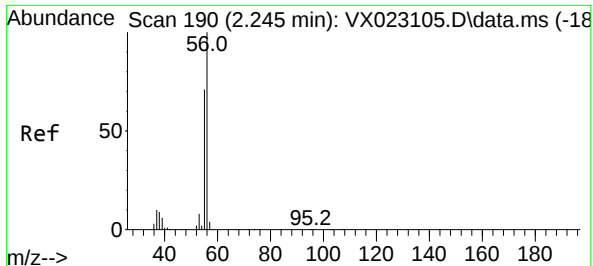
Tgt Ion: 94 Resp: 413
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#11
Tert butyl alcohol
Concen: 0.514 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

Tgt Ion: 59 Resp: 329
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

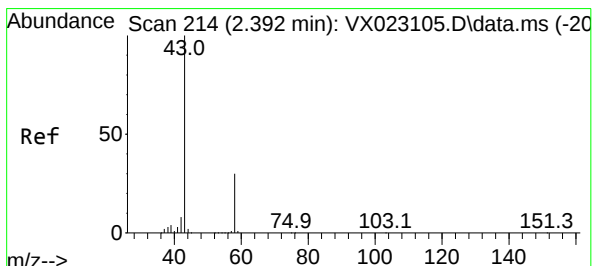
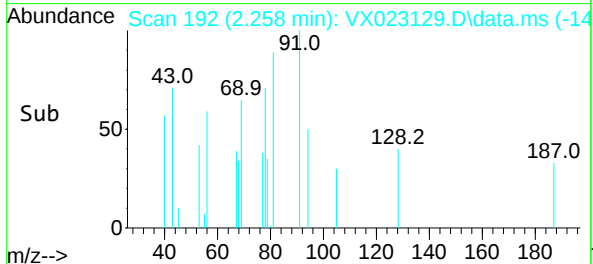
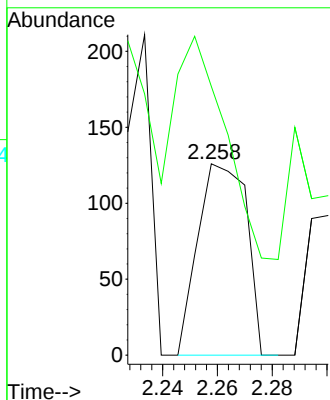
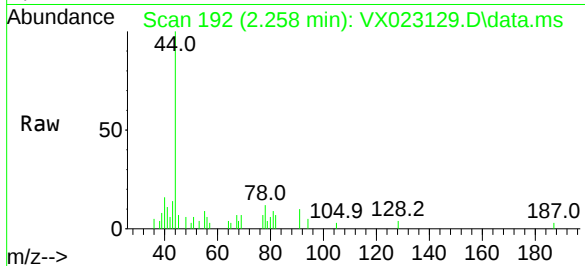




#13
Acrolein
Concen: 0.364 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.013 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

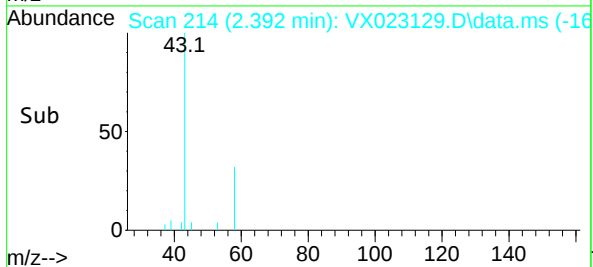
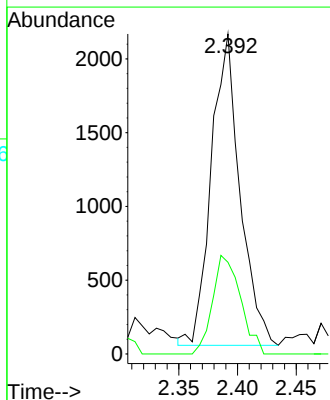
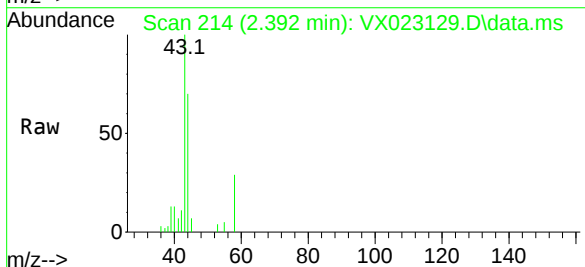
Instrument :
MSVOA_X
ClientSampleId :
MW-13B-063021

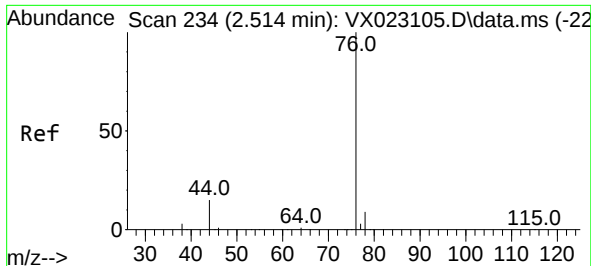
Tgt Ion: 56 Resp: 155
Ion Ratio Lower Upper
56 100
55 147.7 56.4 84.6#



#16
Acetone
Concen: 2.981 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

Tgt Ion: 43 Resp: 3588
Ion Ratio Lower Upper
43 100
58 29.4 27.8 41.8

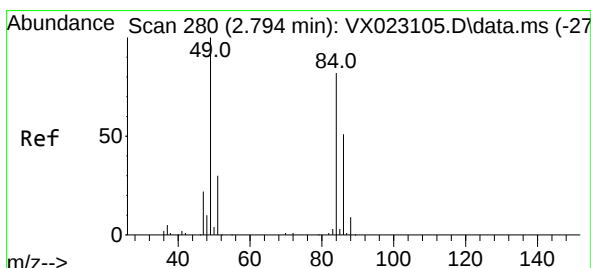
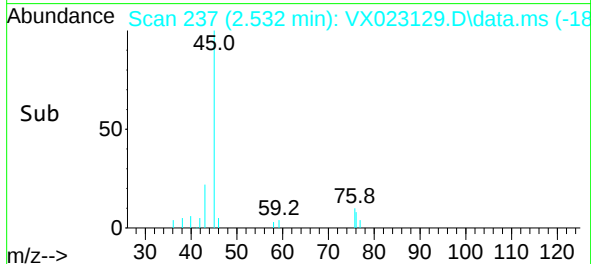
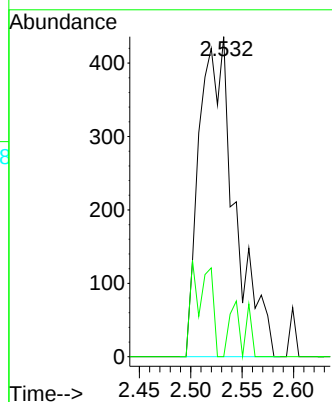
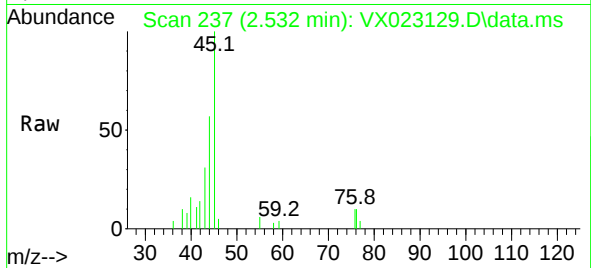




#17
Carbon Disulfide
Concen: 0.246 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.018 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

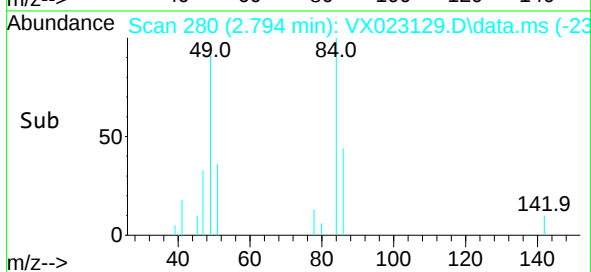
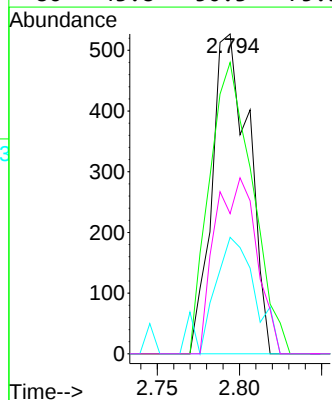
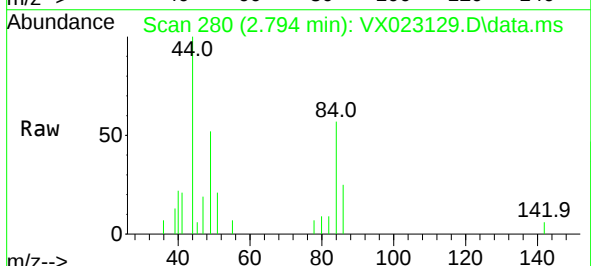
Instrument :
MSVOA_X
ClientSampleId :
MW-13B-063021

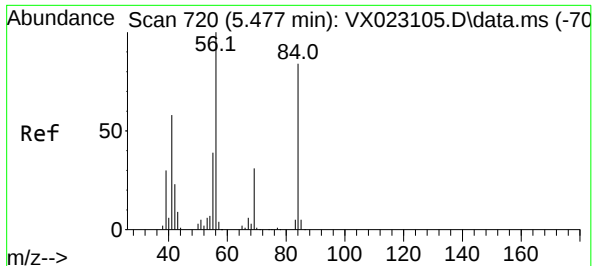
Tgt Ion: 76 Resp: 1045
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.318 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

Tgt Ion: 84 Resp: 823
Ion Ratio Lower Upper
84 100
49 91.1 88.6 132.8
51 36.4 27.0 40.6
86 43.8 50.3 75.5#

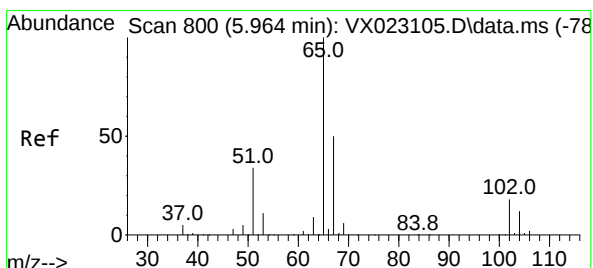
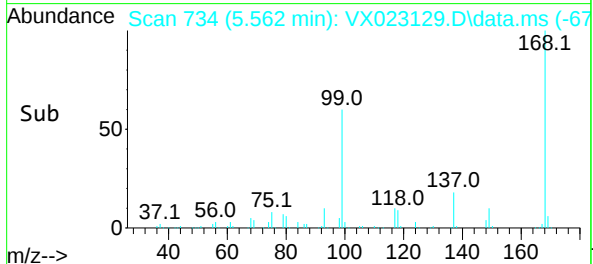
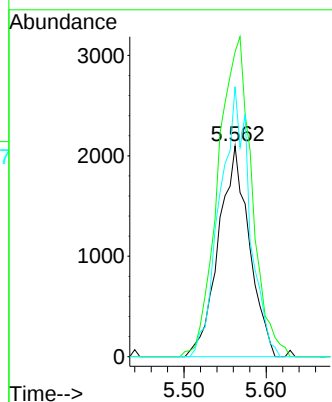
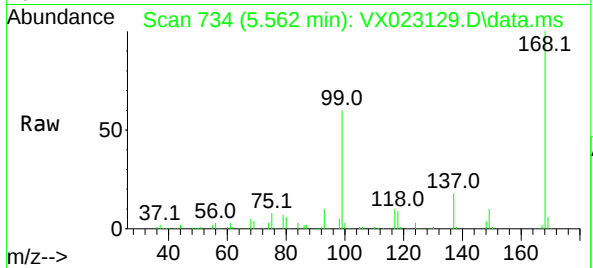




#31
Cyclohexane
Concen: 1.492 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

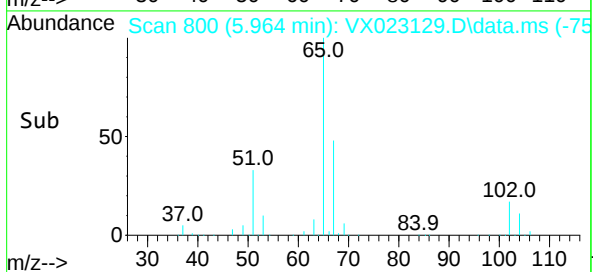
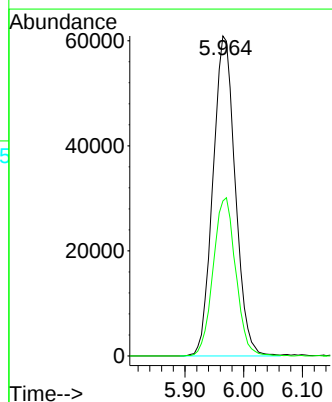
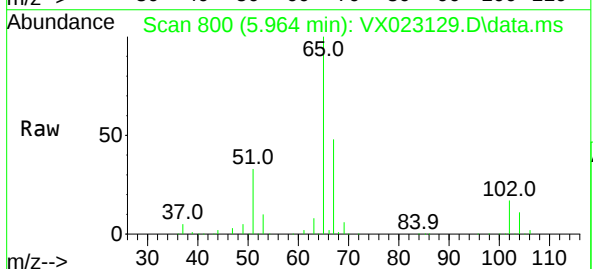
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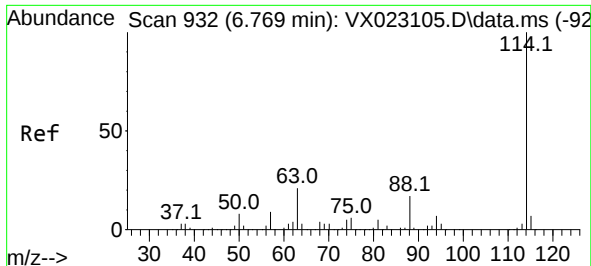
Tgt Ion: 56 Resp: 5434
Ion Ratio Lower Upper
56 100
69 144.6 25.3 37.9#
84 128.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.806 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

Tgt Ion: 65 Resp: 160678
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

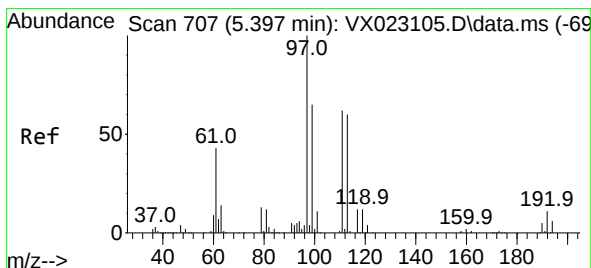
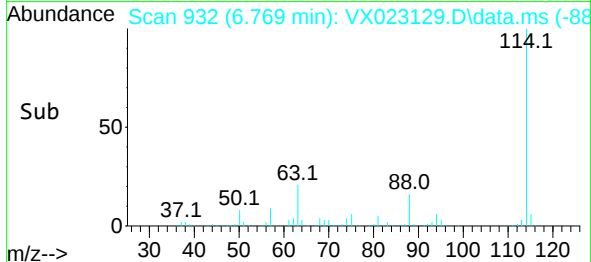
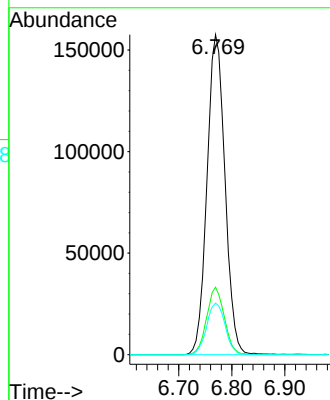
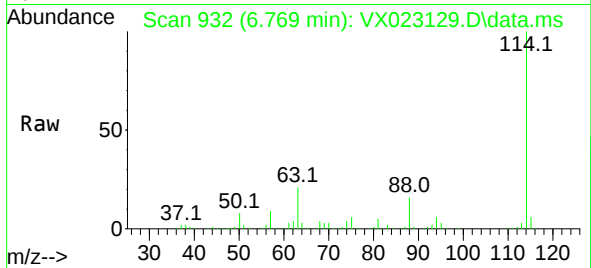




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

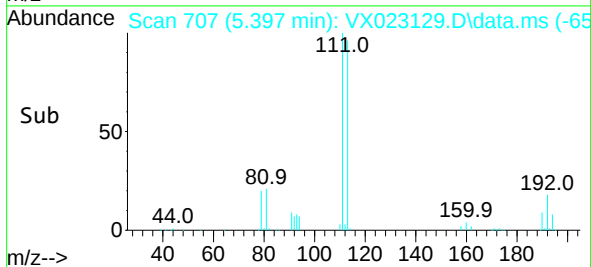
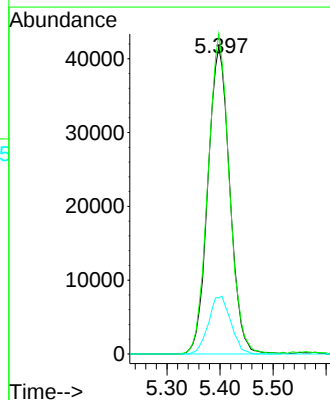
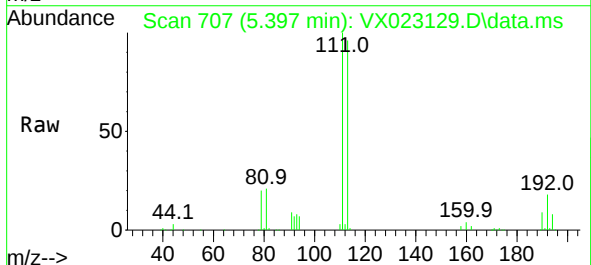
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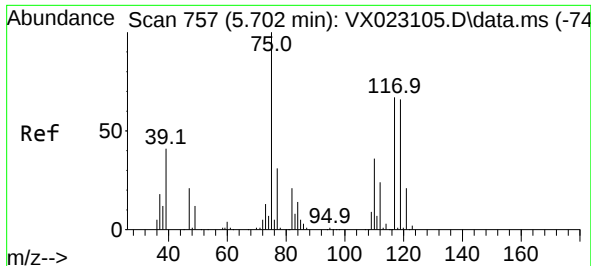
Tgt Ion:114 Resp: 370869
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.734 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

Tgt Ion:113 Resp: 119109
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 19.1 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.572 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023129.D

Acq: 02 Jul 2021 23:48

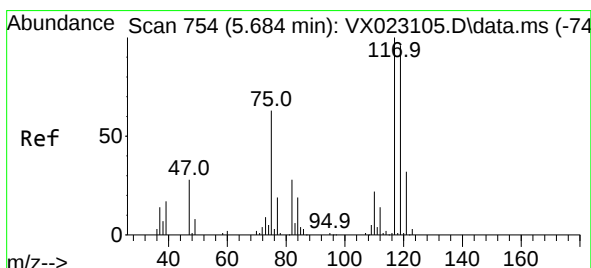
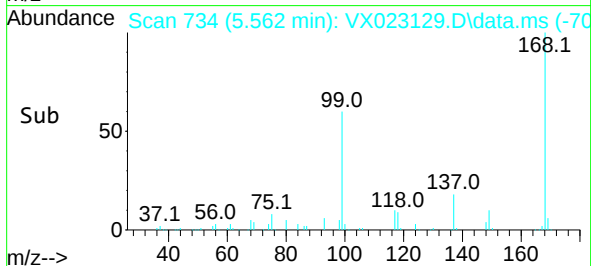
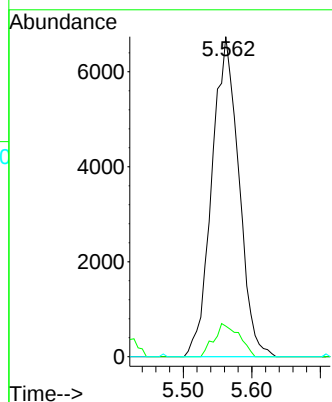
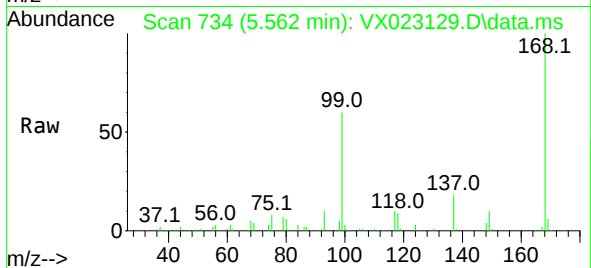
Tgt Ion: 75 Resp: 18423

Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.4#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.979 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX023129.D

Acq: 02 Jul 2021 23:48

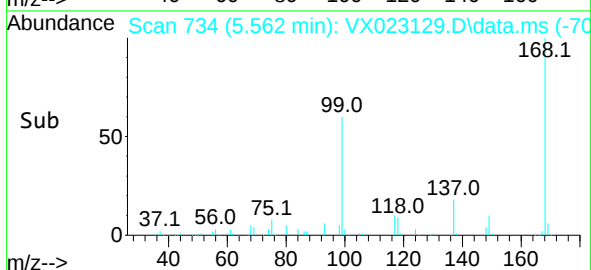
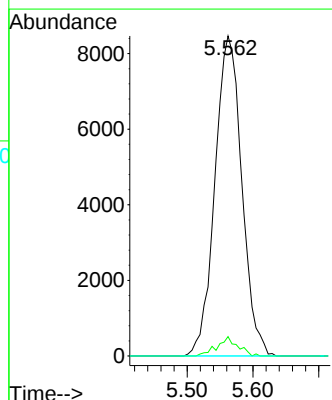
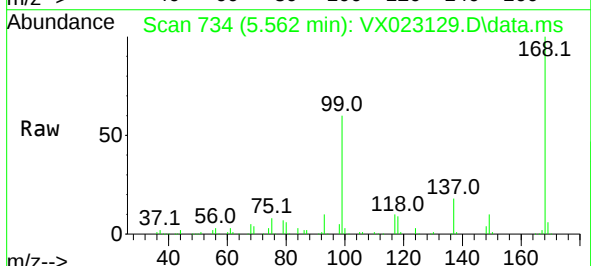
Tgt Ion: 117 Resp: 24084

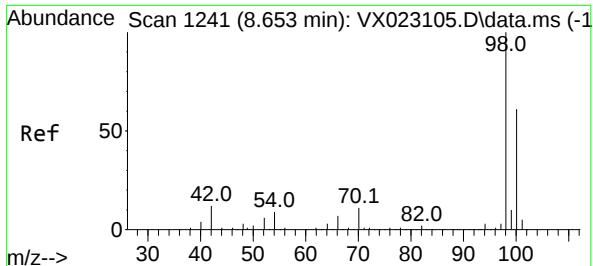
Ion Ratio Lower Upper

117 100

119 6.1 76.2 114.2#

121 0.0 24.8 37.2#

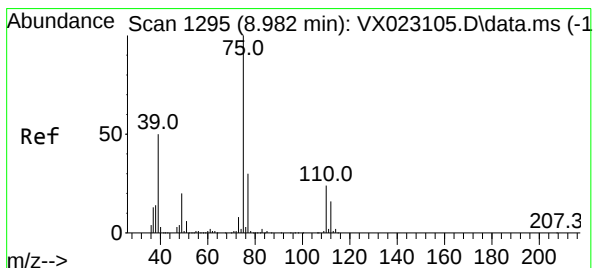
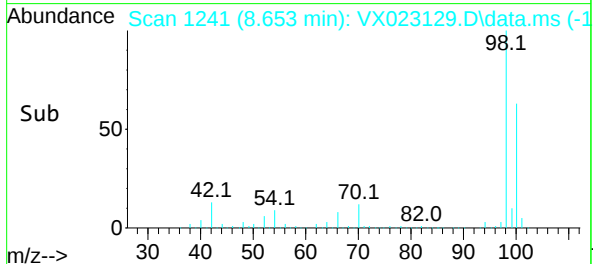
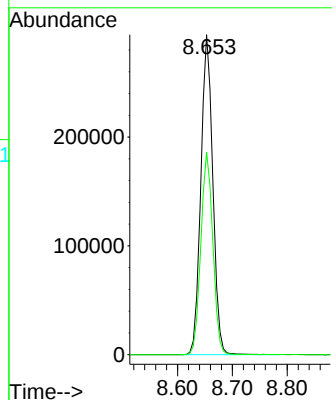
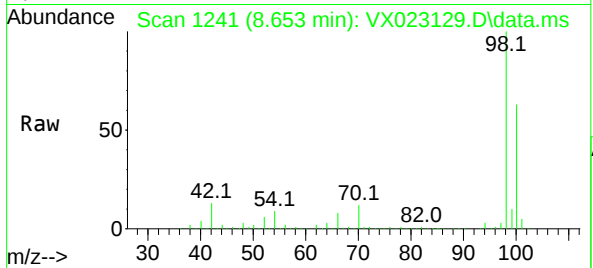




#50
Toluene-d8
Concen: 49.845 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

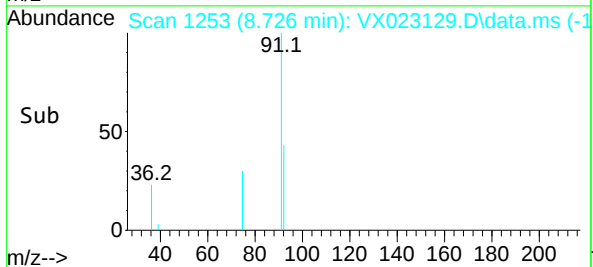
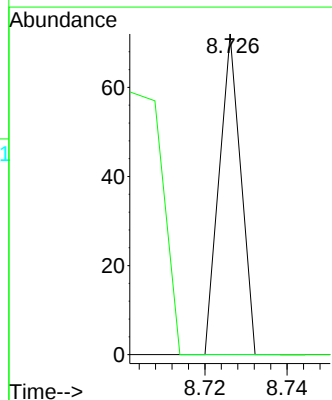
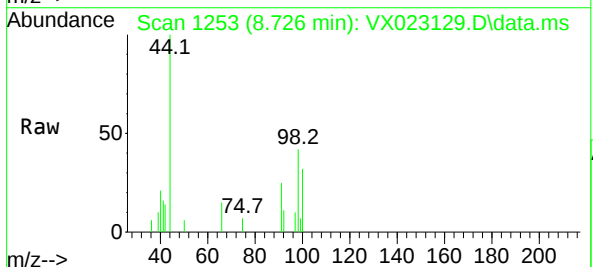
Instrument :
MSVOA_X
ClientSampleId :
MW-13B-063021

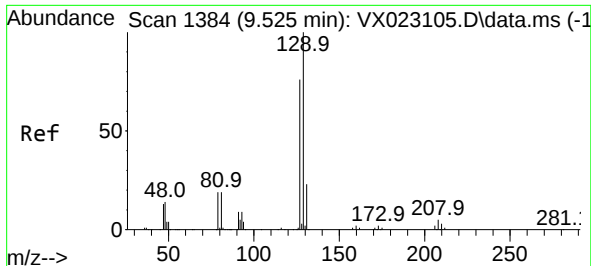
Tgt Ion: 98 Resp: 445293
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.742 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.256 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

Tgt Ion: 75 Resp: 26
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

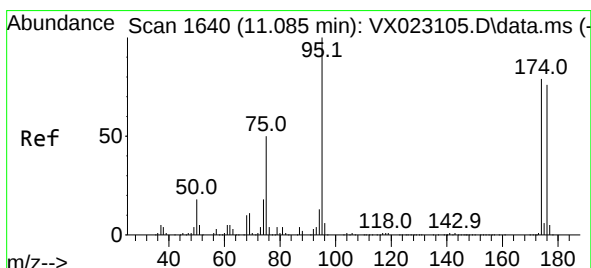
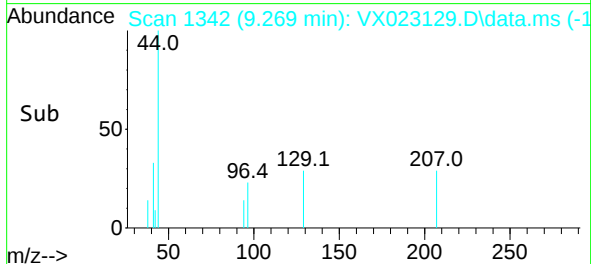
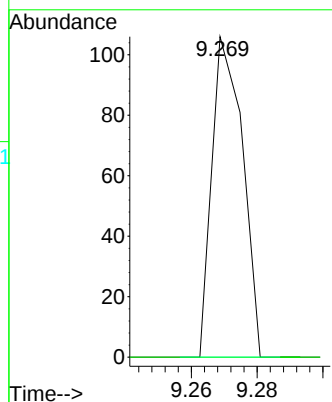
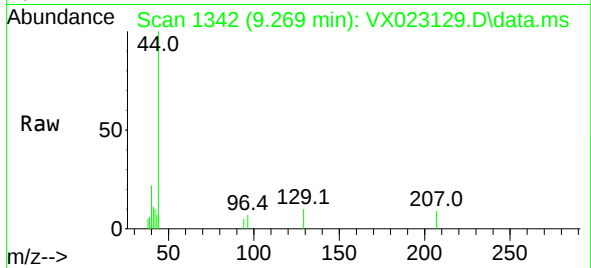




#60
Dibromochloromethane
Concen: 3.135 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

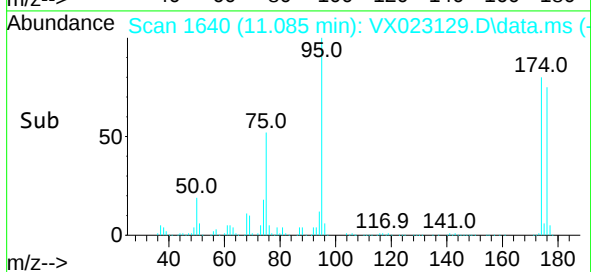
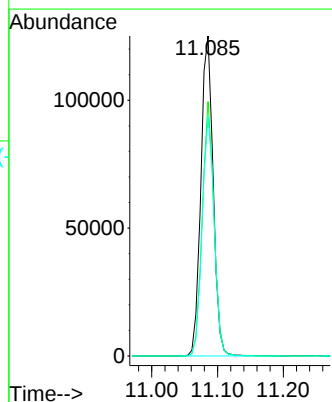
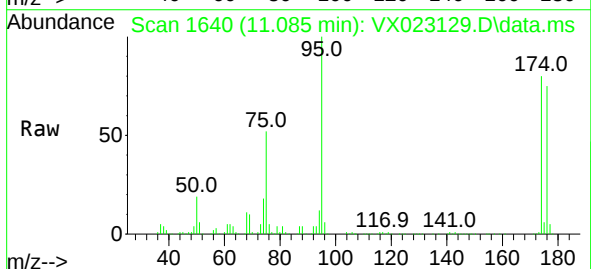
Instrument :
MSVOA_X
ClientSampleId :
MW-13B-063021

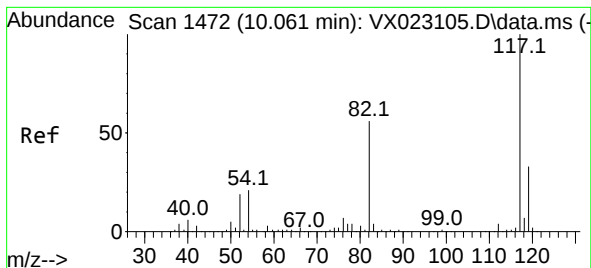
Tgt Ion:129 Resp: 68
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.909 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

Tgt Ion: 95 Resp: 161782
Ion Ratio Lower Upper
95 100
174 76.2 0.0 154.6
176 73.1 0.0 155.8

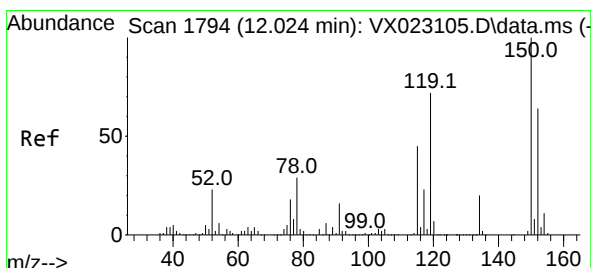
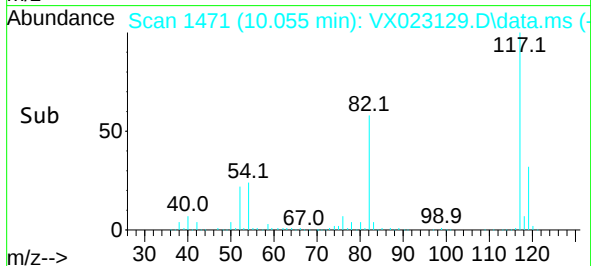
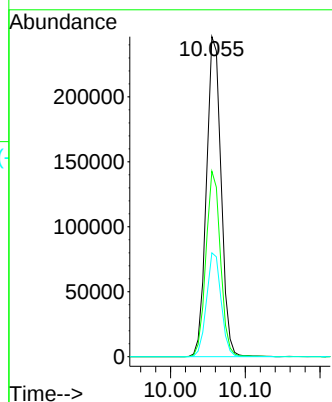
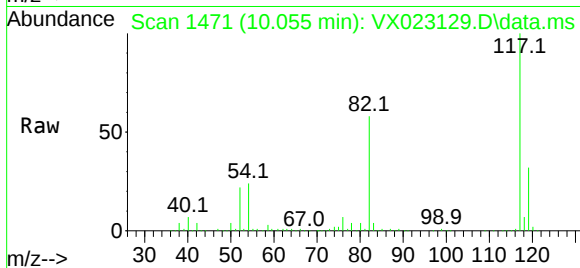




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

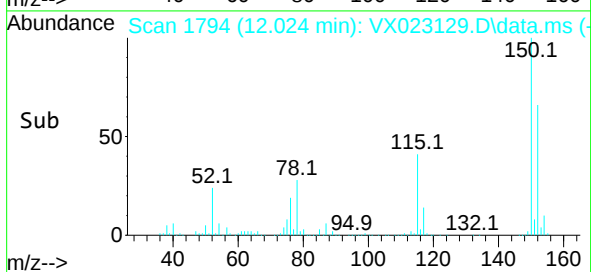
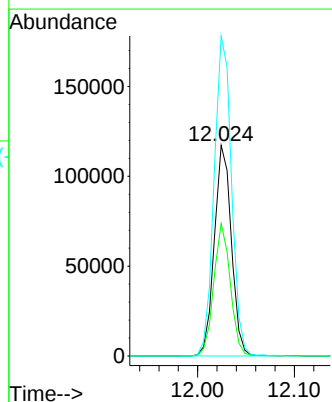
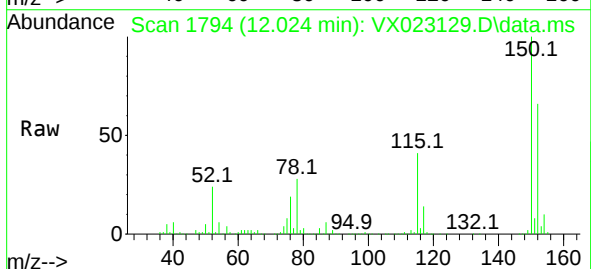
Instrument :
MSVOA_X
ClientSampleId :
MW-13B-063021

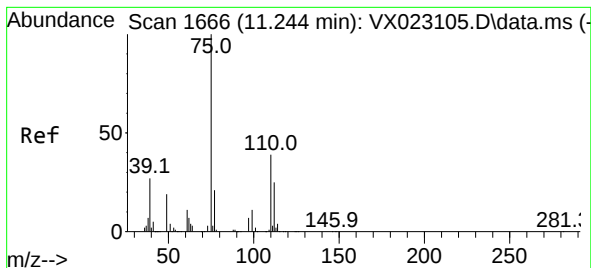
Tgt Ion:117 Resp: 335268
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

Tgt Ion:152 Resp: 143356
Ion Ratio Lower Upper
152 100
115 61.2 41.1 123.3
150 154.8 0.0 349.0

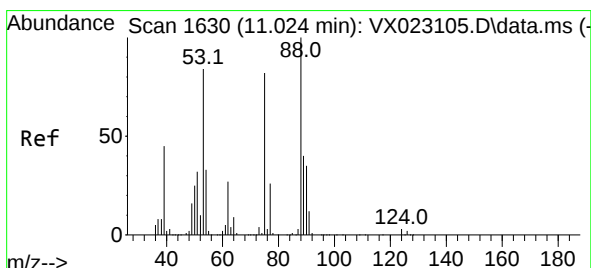
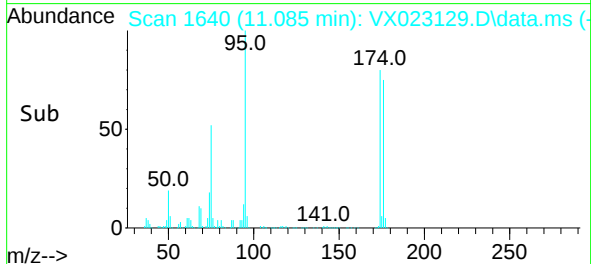
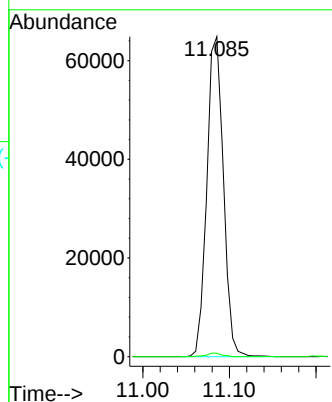
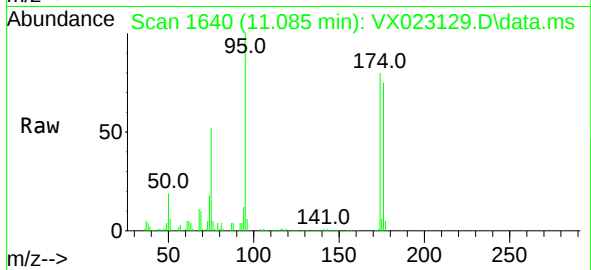




#76
1,2,3-Trichloropropane
Concen: 29.840 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

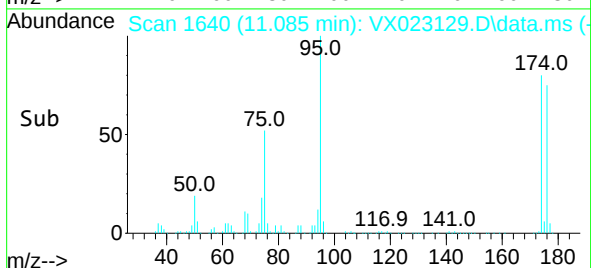
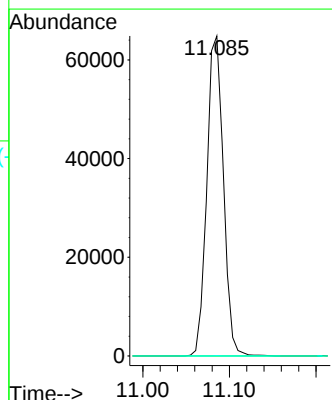
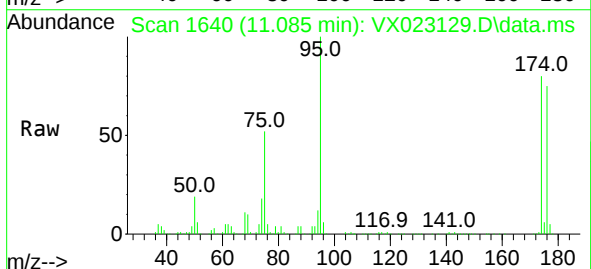
Instrument :
MSVOA_X
ClientSampleId :
MW-13B-063021

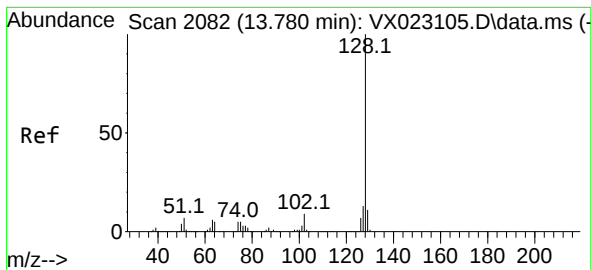
Tgt Ion: 75 Resp: 86084
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.147 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

Tgt Ion: 75 Resp: 86084
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.308 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023129.D
Acq: 02 Jul 2021 23:48

Instrument :
MSVOA_X
ClientSampleId :
MW-13B-063021

Tgt Ion:128 Resp: 357
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

