

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023128.D
 Acq On : 02 Jul 2021 23:24
 Operator : JC/MD
 Sample : M2907-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-063021

Quant Time: Jul 05 03:00:16 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)

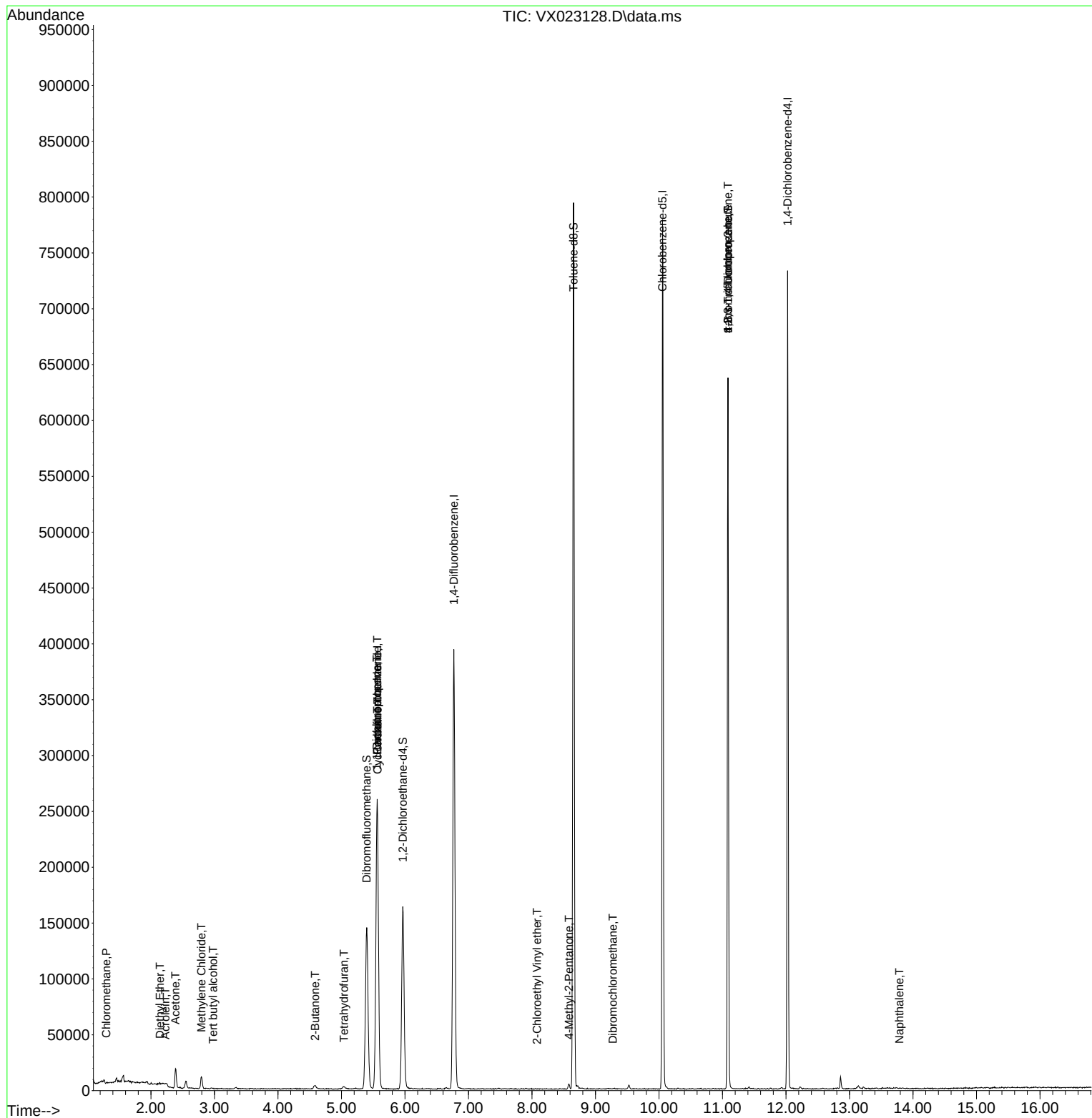
Internal Standards						
1) Pentafluorobenzene	5.562	168	235659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	385963	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	346826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	160293	50.609	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.220%			
35) Dibromofluoromethane	5.397	113	122058	48.972	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.940%			
50) Toluene-d8	8.653	98	462950	49.795	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.580%			
62) 4-Bromofluorobenzene	11.085	95	162574	45.295	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.580%			
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	580	0.275	ug/l	99
5) Bromomethane	1.612	94	777	Below Cal		93
8) Diethyl Ether	2.142	74	301	0.210	ug/l #	44
11) Tert butyl alcohol	2.977	59	188	0.282	ug/l #	73
13) Acrolein	2.227	56	125	0.282	ug/l #	14
16) Acetone	2.386	43	18625	14.864	ug/l #	83
20) Methylene Chloride	2.794	84	4959	1.838	ug/l	97
25) 2-Butanone	4.587	43	5342	2.827	ug/l	93
29) Tetrahydrofuran	5.038	42	1697	1.397	ug/l	90
31) Cyclohexane	5.568	56	5506	1.452	ug/l #	43
36) 1,1-Dichloropropene	5.556	75	19136	5.561	ug/l #	50
38) Carbon Tetrachloride	5.562	117	24569	6.841	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	3416	0.883	ug/l #	77
58) 2-Chloroethyl Vinyl ether	8.080	63	22	4.699	ug/l #	45
60) Dibromochloromethane	9.275	129	83	3.138	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	85761	29.909	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	85761	80.322	ug/l #	12
95) Naphthalene	13.786	128	370	1.309	ug/l #	76

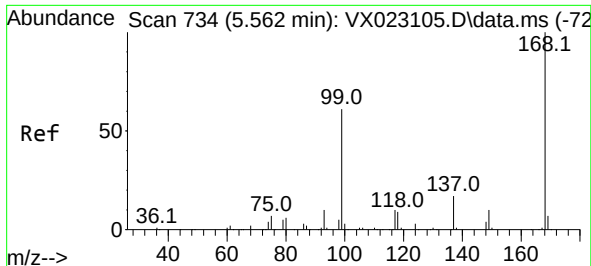
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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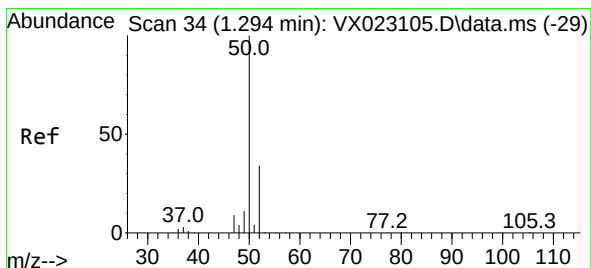
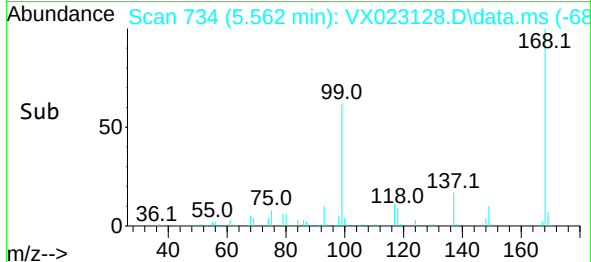
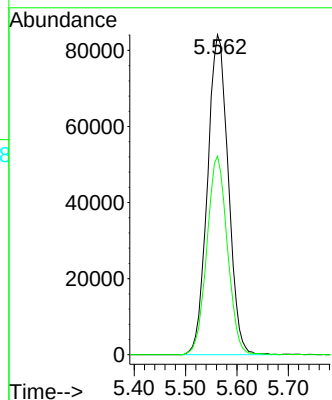
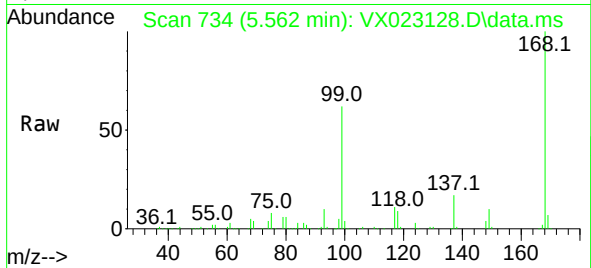




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

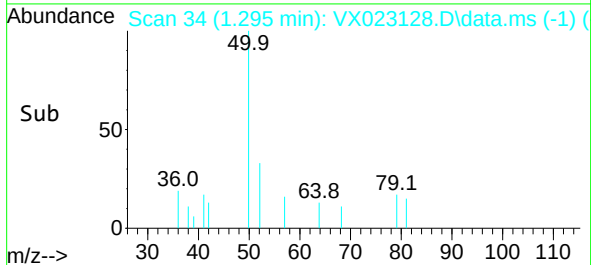
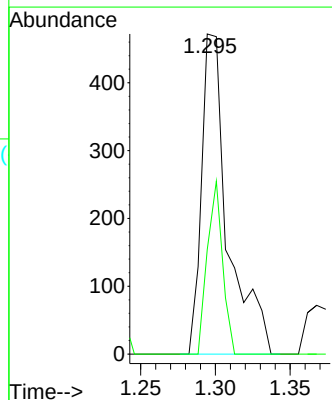
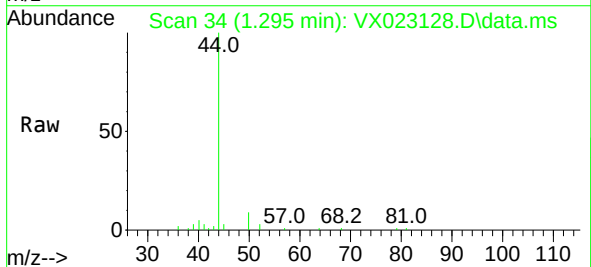
Instrument :
MSVOA_X
ClientSampleId :
EB-01-063021

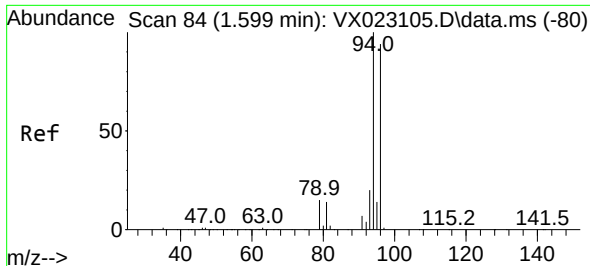
Tgt Ion:168 Resp: 235659
Ion Ratio Lower Upper
168 100
99 62.0 45.8 68.6



#3
Chloromethane
Concen: 0.275 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

Tgt Ion: 50 Resp: 580
Ion Ratio Lower Upper
50 100
52 32.6 26.4 39.6

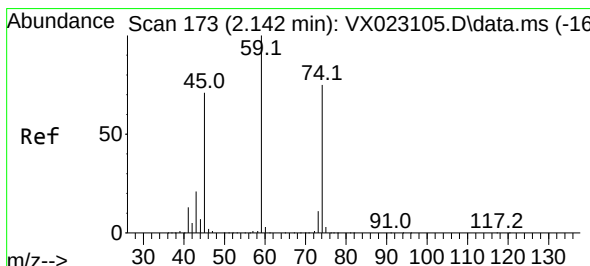
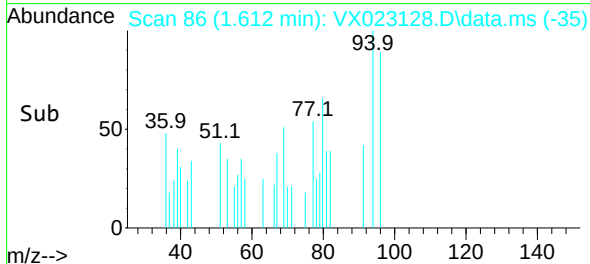
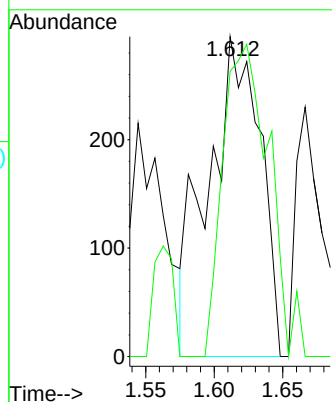
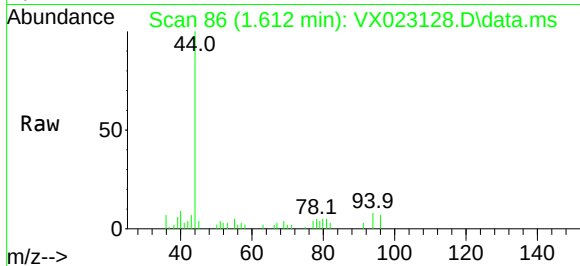




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

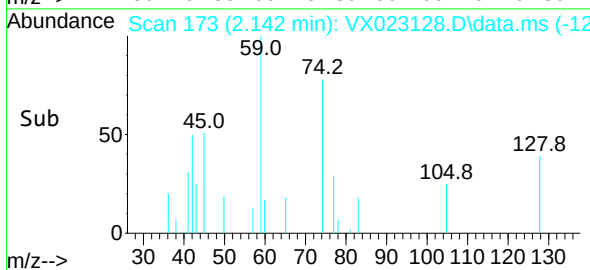
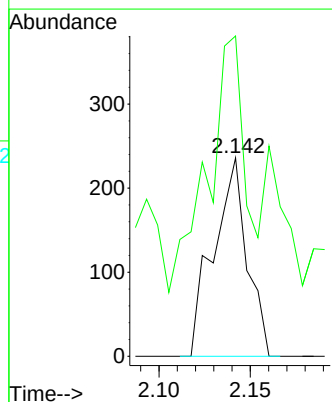
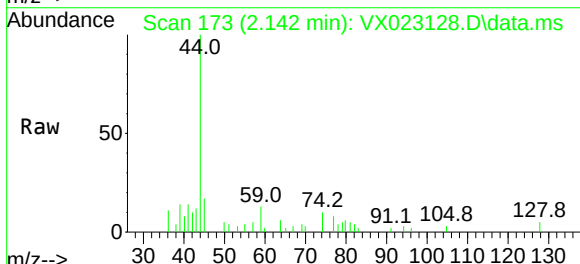
Instrument :
MSVOA_X
ClientSampled :
EB-01-063021

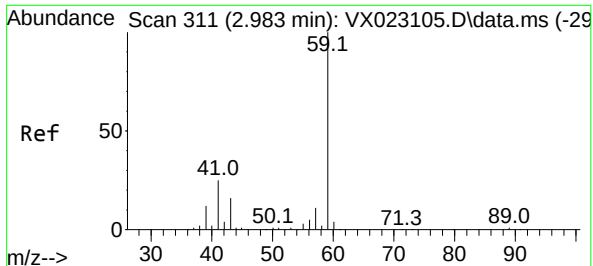
Tgt Ion: 94 Resp: 777
Ion Ratio Lower Upper
94 100
96 89.2 76.4 114.6



#8
Diethyl Ether
Concen: 0.210 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.000 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

Tgt Ion: 74 Resp: 301
Ion Ratio Lower Upper
74 100
45 141.5 44.5 133.5#

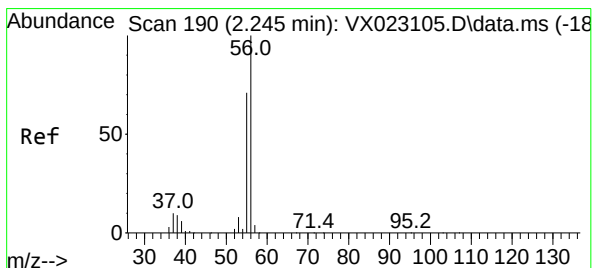
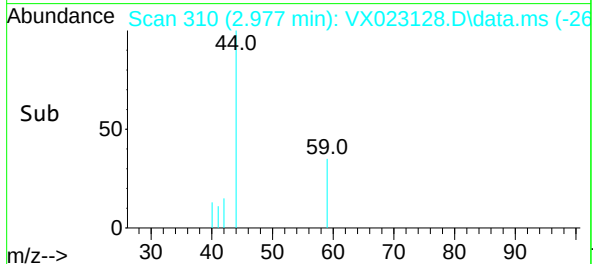
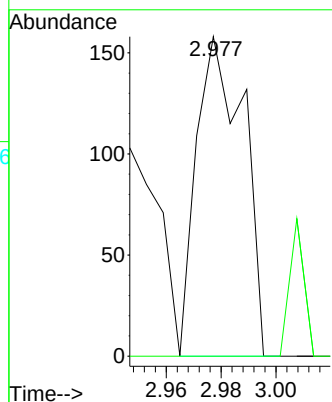
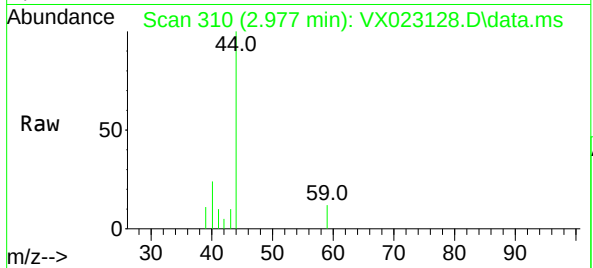




#11
Tert butyl alcohol
Concen: 0.282 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

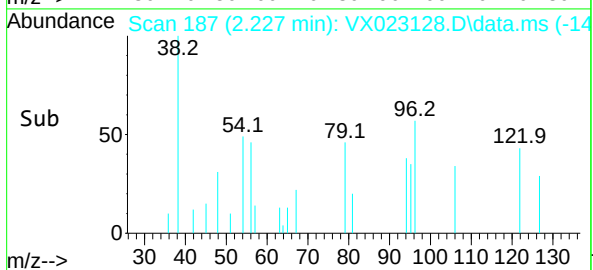
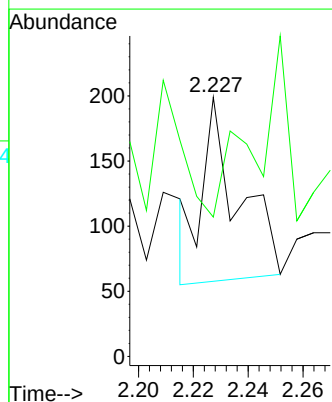
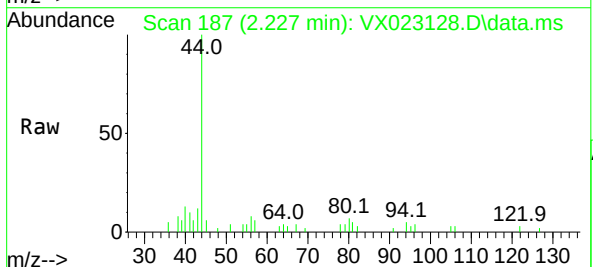
Instrument :
MSVOA_X
ClientSampled :
EB-01-063021

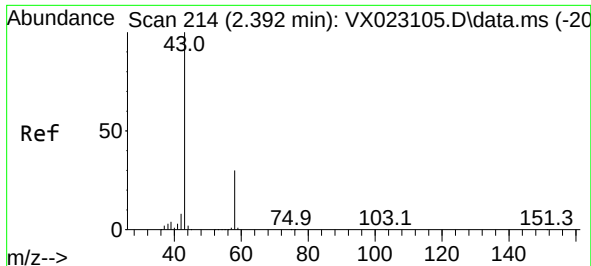
Tgt Ion: 59 Resp: 188
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.282 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.018 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

Tgt Ion: 56 Resp: 125
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

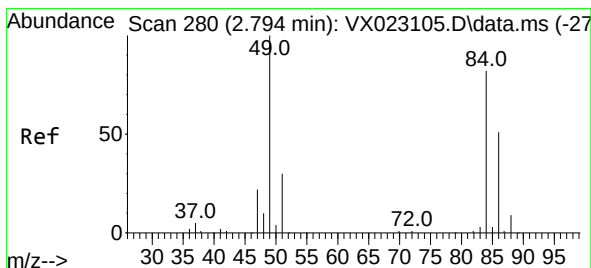
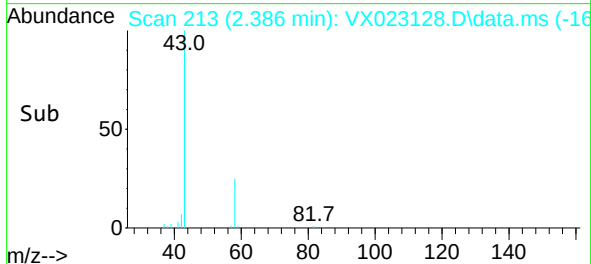
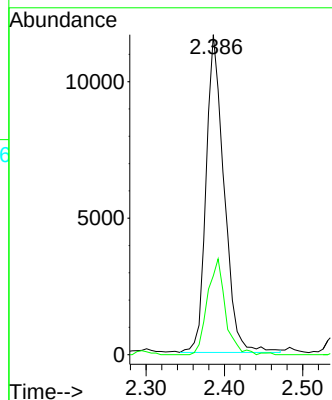
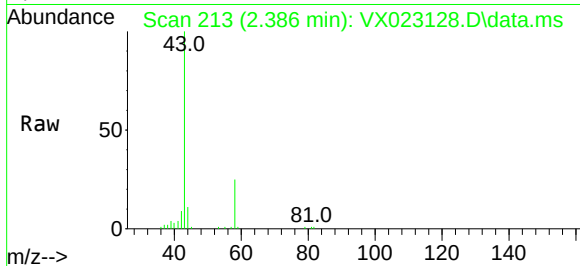




#16
Acetone
Concen: 14.864 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

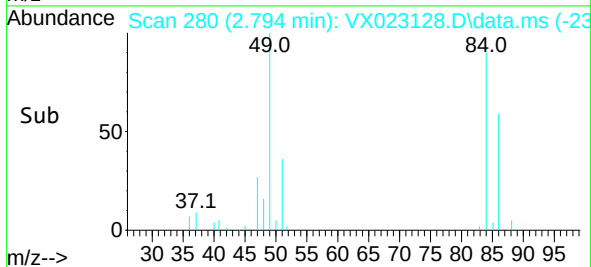
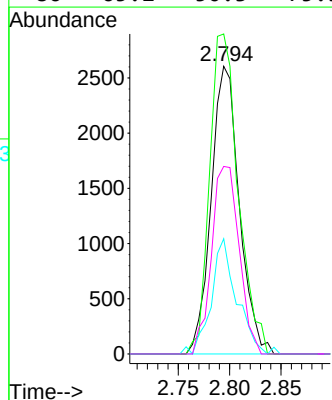
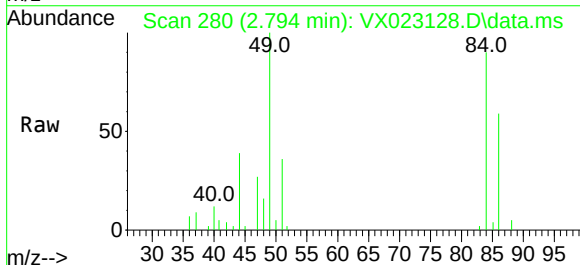
Instrument :
MSVOA_X
ClientSampleId :
EB-01-063021

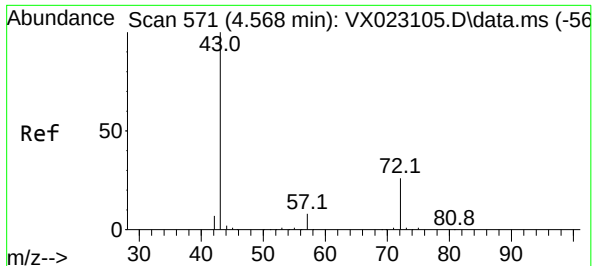
Tgt Ion: 43 Resp: 18625
Ion Ratio Lower Upper
43 100
58 24.8 27.8 41.8#



#20
Methylene Chloride
Concen: 1.838 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

Tgt Ion: 84 Resp: 4959
Ion Ratio Lower Upper
84 100
49 111.2 88.6 132.8
51 40.1 27.0 40.6
86 65.2 50.3 75.5

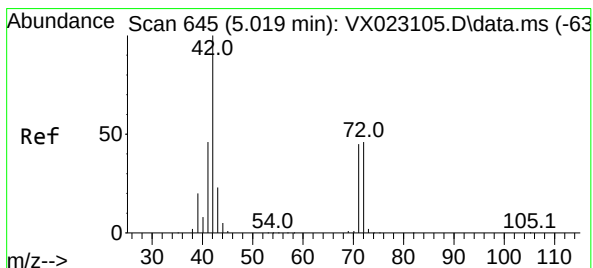
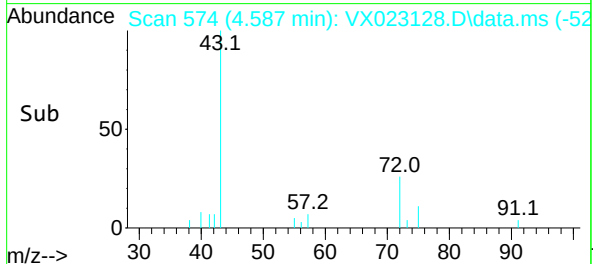
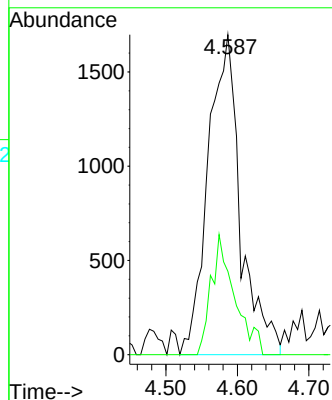
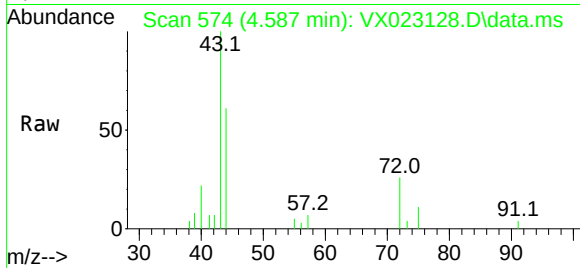




#25
2-Butanone
Concen: 2.827 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

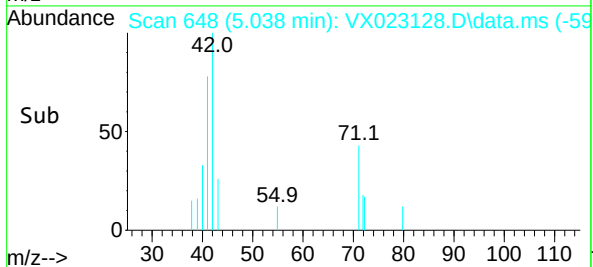
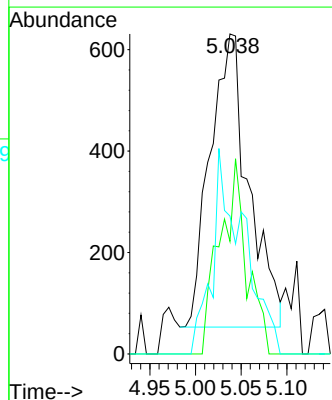
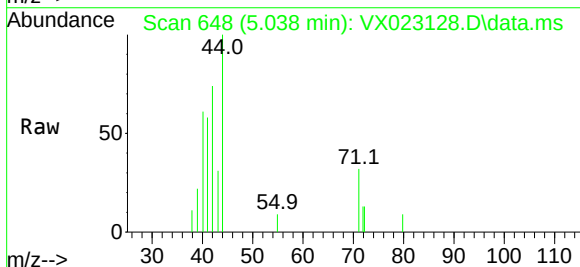
Instrument :
MSVOA_X
ClientSampleId :
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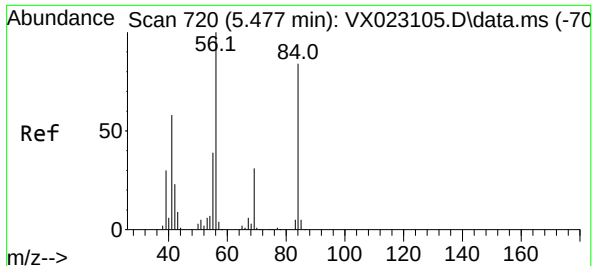
Tgt Ion: 43 Resp: 5342
Ion Ratio Lower Upper
43 100
72 26.0 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.397 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.019 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

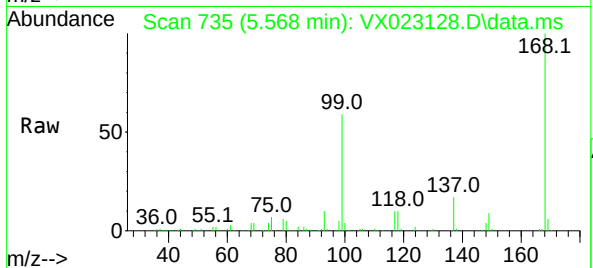
Tgt Ion: 42 Resp: 1697
Ion Ratio Lower Upper
42 100
72 46.5 41.7 62.5
71 56.6 38.4 57.6



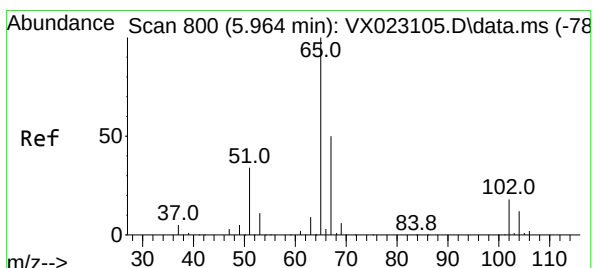
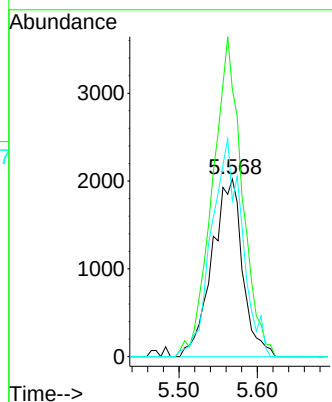
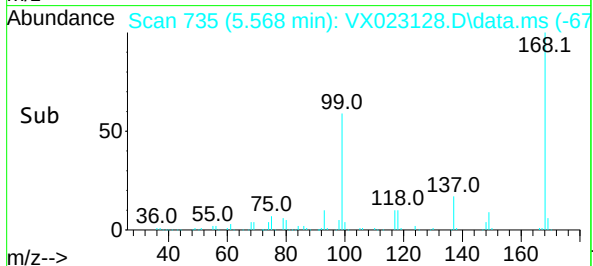


#31
Cyclohexane
Concen: 1.452 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

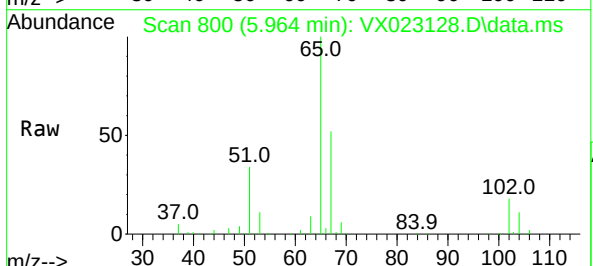
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ClientSampleId :
EB-01-063021



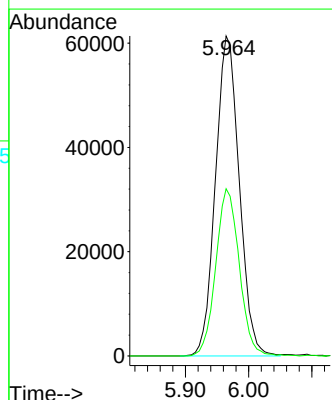
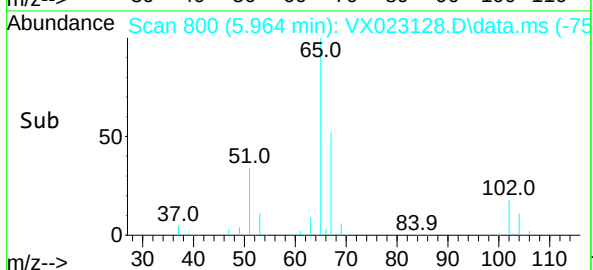
Tgt Ion: 56 Resp: 5506
Ion Ratio Lower Upper
56 100
69 150.6 25.3 37.9#
84 87.9 71.4 107.0

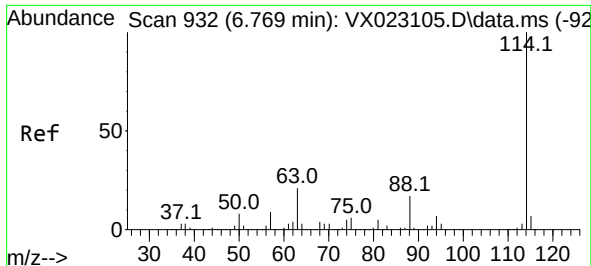


#33
1,2-Dichloroethane-d4
Concen: 50.609 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24



Tgt Ion: 65 Resp: 160293
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

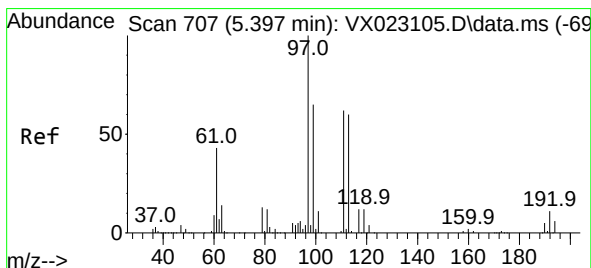
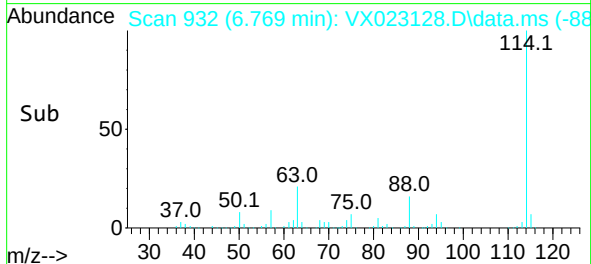
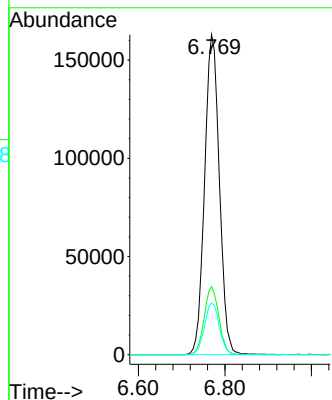
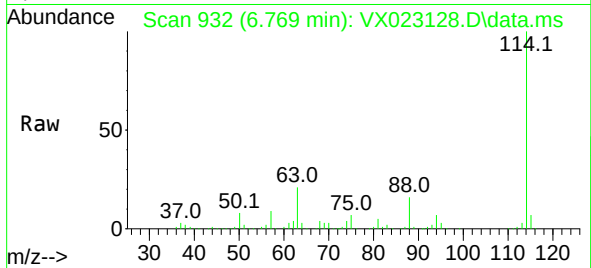




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

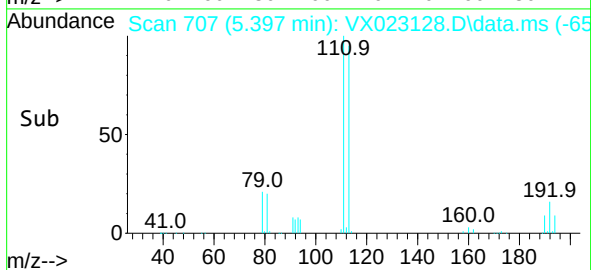
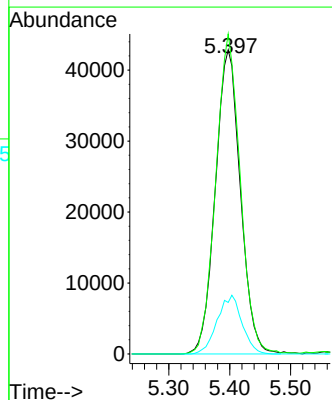
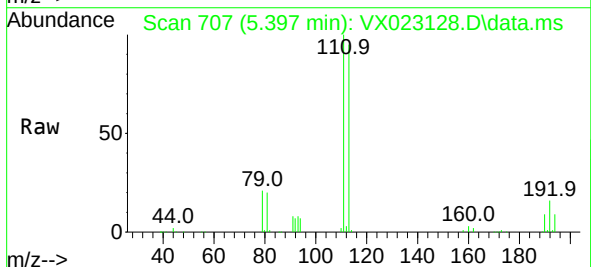
Instrument :
MSVOA_X
ClientSampleId :
EB-01-063021

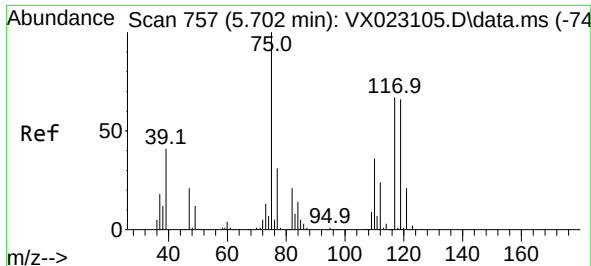
Tgt Ion:114 Resp: 385963
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.972 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

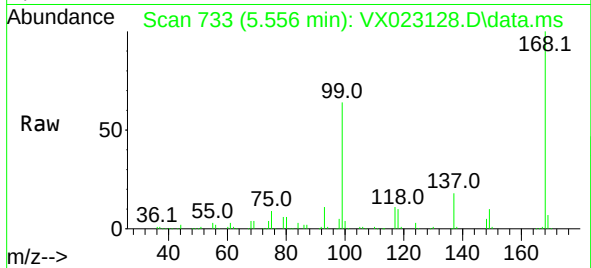
Tgt Ion:113 Resp: 122058
Ion Ratio Lower Upper
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111 103.0 81.9 122.9
192 19.1 16.7 25.1



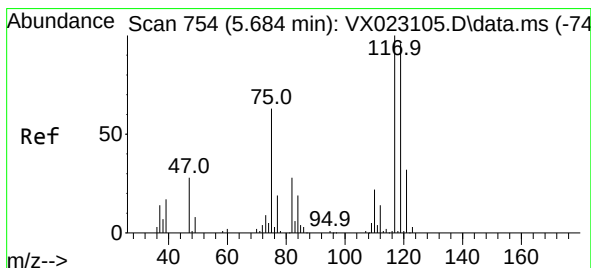
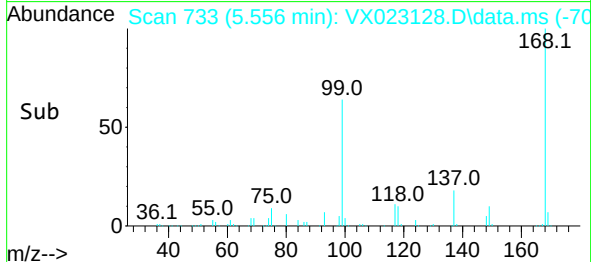
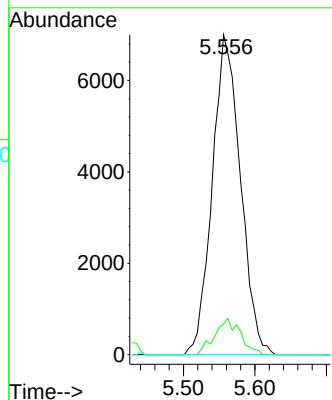


#36
1,1-Dichloropropene
Concen: 5.561 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

Instrument :
MSVOA_X
ClientSampleId :
EB-01-063021

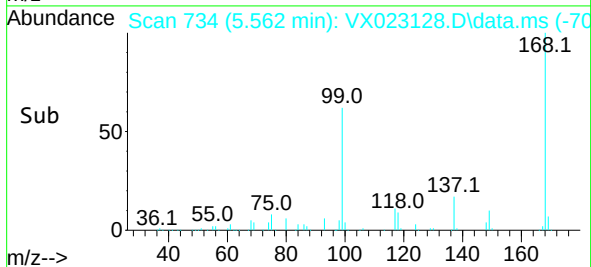
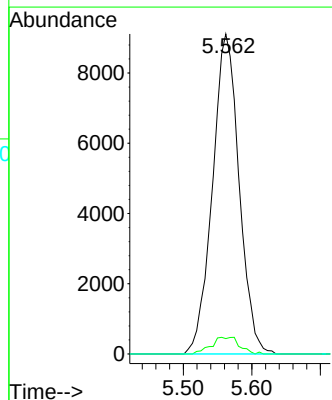
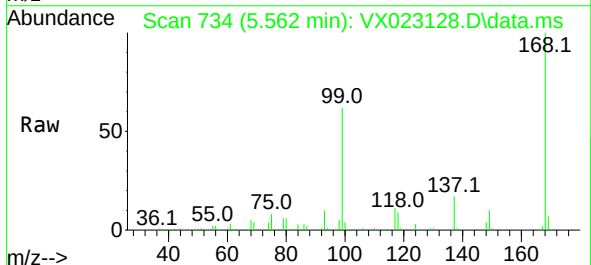


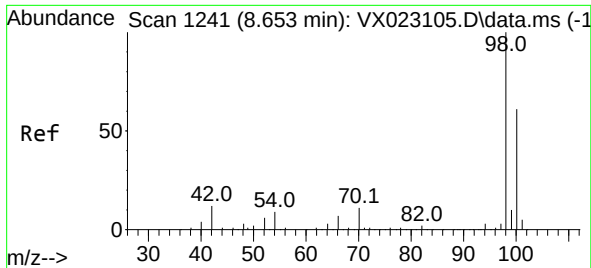
Tgt Ion: 75 Resp: 19136
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.841 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

Tgt Ion: 117 Resp: 24569
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#

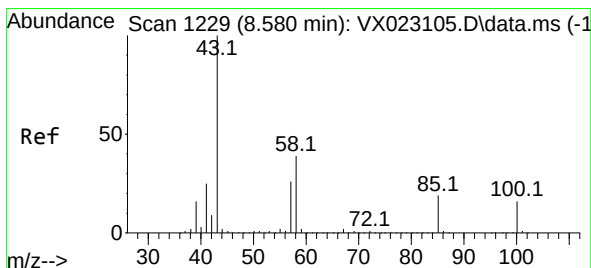
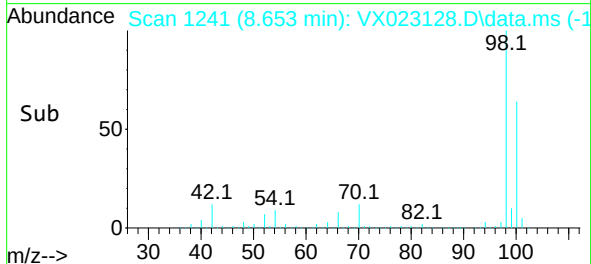
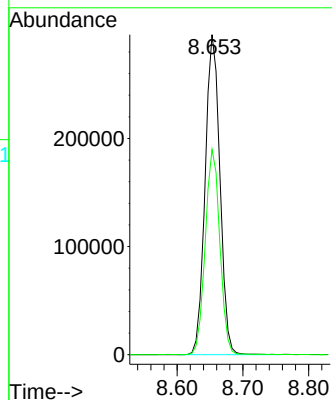
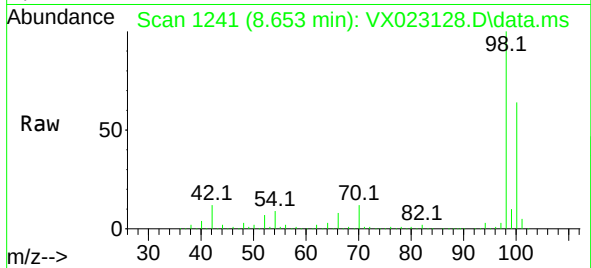




#50
Toluene-d8
Concen: 49.795 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

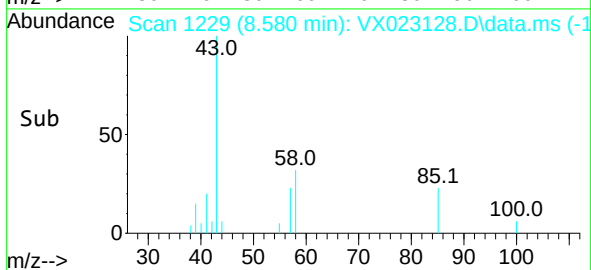
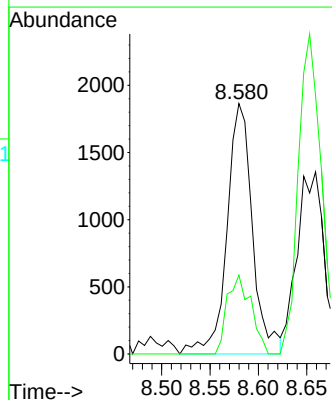
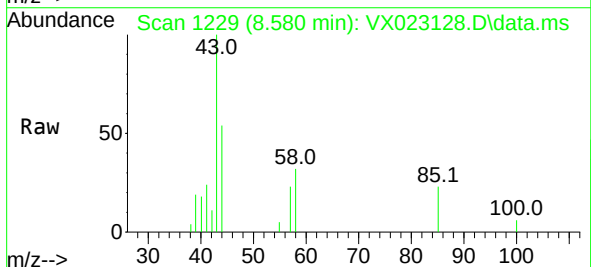
Instrument :
MSVOA_X
ClientSampleId :
EB-01-063021

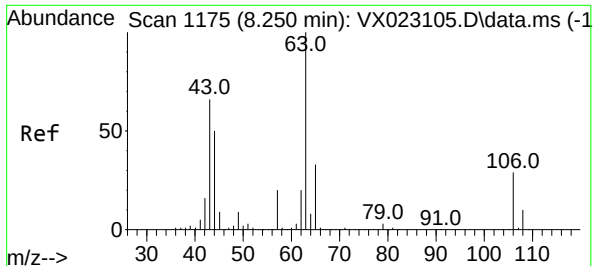
Tgt Ion: 98 Resp: 462950
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.883 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

Tgt Ion: 43 Resp: 3416
Ion Ratio Lower Upper
43 100
58 29.4 35.4 53.0#

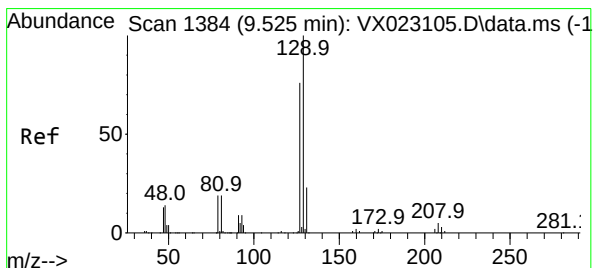
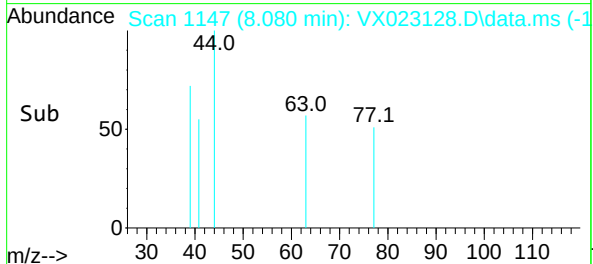
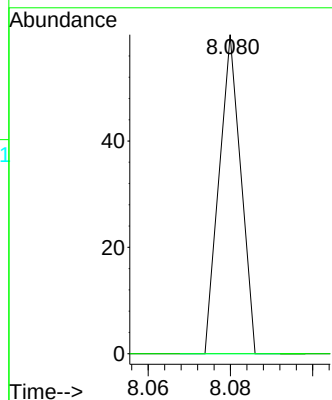
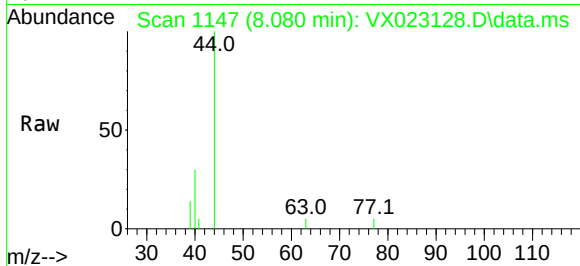




#58
2-Chloroethyl Vinyl ether
Concen: 4.699 ug/l
RT: 8.080 min Scan# 1147
Delta R.T. -0.170 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

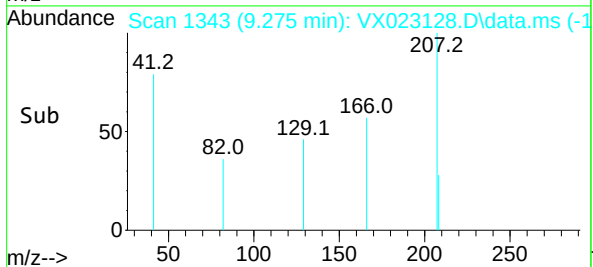
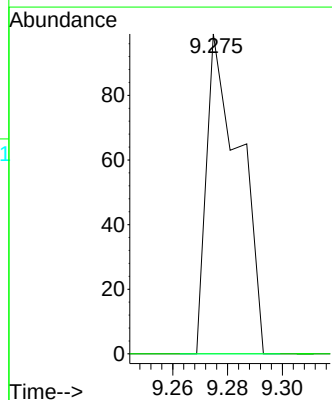
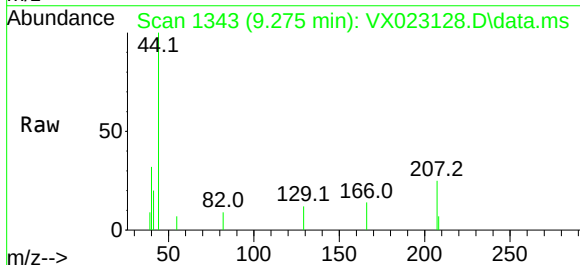
Instrument :
MSVOA_X
ClientSampleId :
EB-01-063021

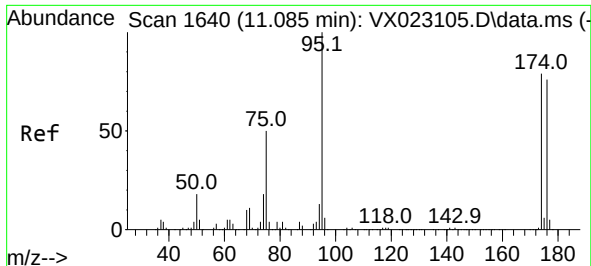
Tgt Ion: 63 Resp: 22
Ion Ratio Lower Upper
63 100
106 0.0 23.5 35.3#



#60
Dibromochloromethane
Concen: 3.138 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

Tgt Ion: 129 Resp: 83
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

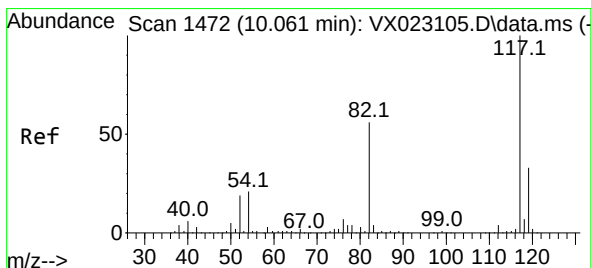
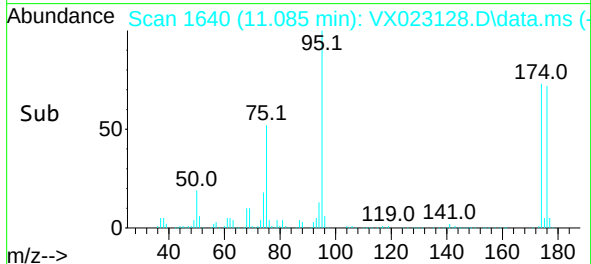
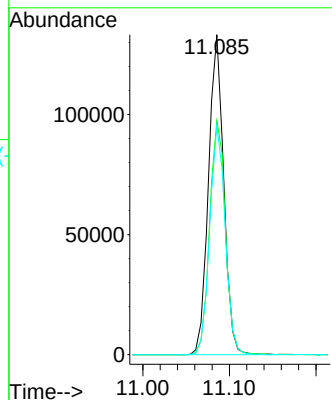
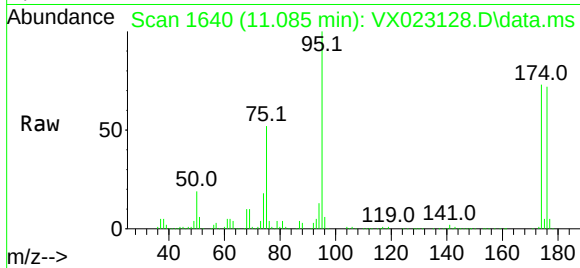




#62
4-Bromofluorobenzene
Concen: 45.295 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

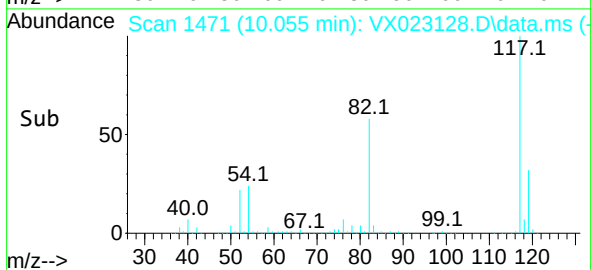
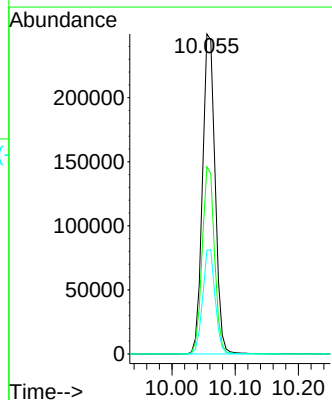
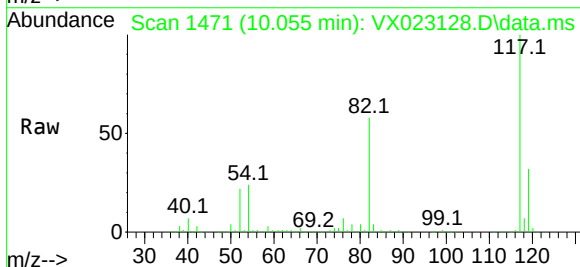
Instrument :
MSVOA_X
ClientSampleId :
EB-01-063021

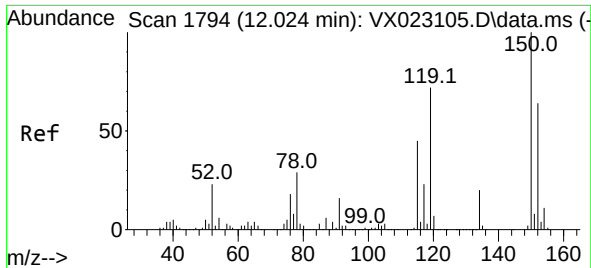
Tgt Ion: 95 Resp: 162574
Ion Ratio Lower Upper
95 100
174 75.8 0.0 154.6
176 72.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

Tgt Ion: 117 Resp: 346826
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 32.5 26.6 39.8

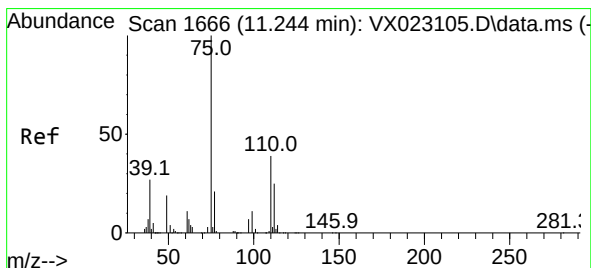
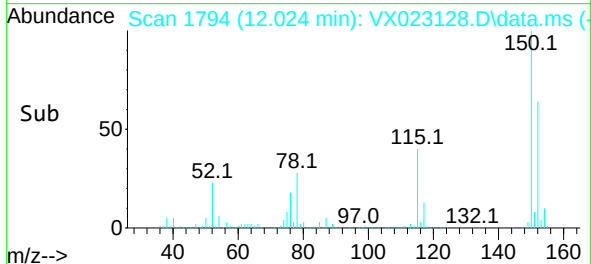
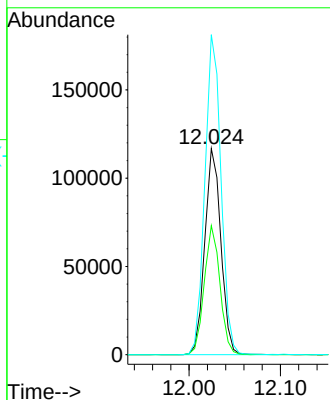
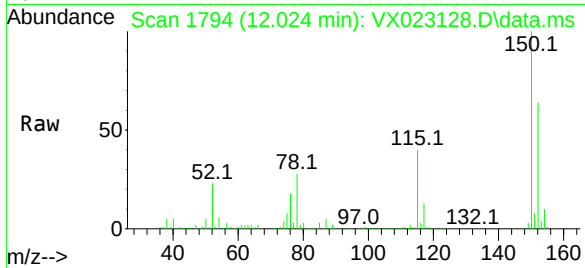




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023128.D
 Acq: 02 Jul 2021 23:24

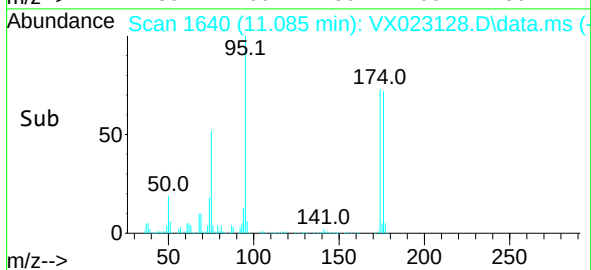
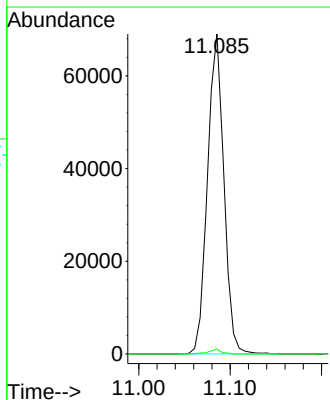
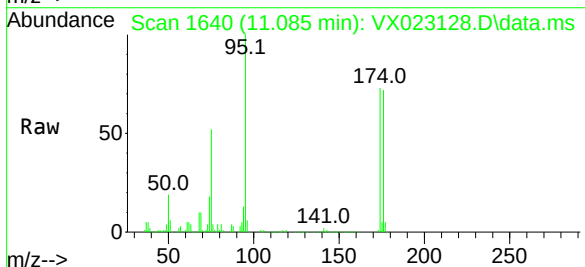
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-063021

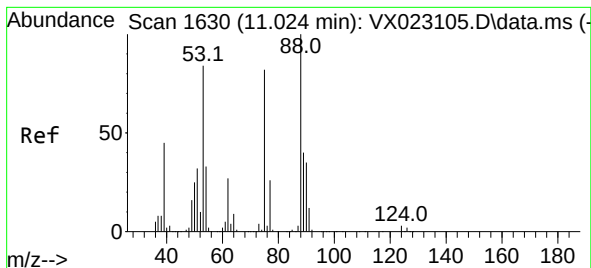
Tgt Ion:152 Resp: 142489
 Ion Ratio Lower Upper
 152 100
 115 61.0 41.1 123.3
 150 155.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 29.909 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023128.D
 Acq: 02 Jul 2021 23:24

Tgt Ion: 75 Resp: 85761
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

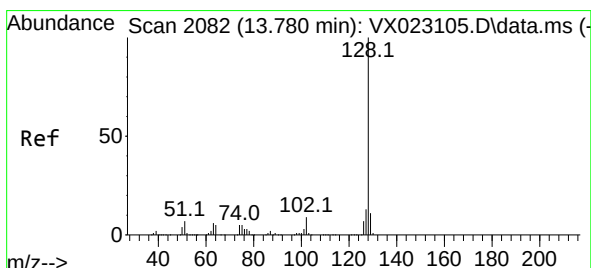
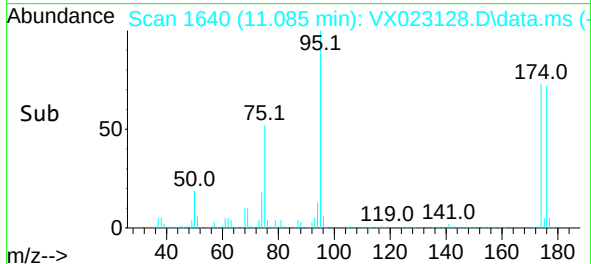
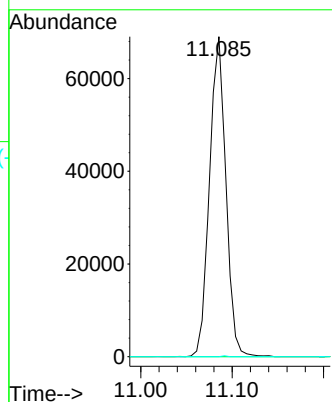
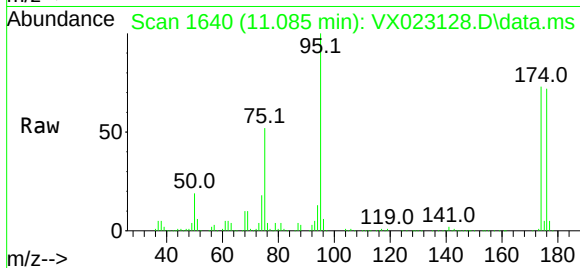




#81
trans-1,4-Dichloro-2-butene
Concen: 80.322 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

Instrument :
MSVOA_X
ClientSampleId :
EB-01-063021

Tgt Ion: 75 Resp: 85761
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.309 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023128.D
Acq: 02 Jul 2021 23:24

Tgt Ion: 128 Resp: 370
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 5.7 8.8 13.2#

