

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023566.D
 Acq On : 05 Aug 2021 12:41
 Operator : JC/MD
 Sample : M3297-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 123-24

Quant Time: Aug 06 03:22:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

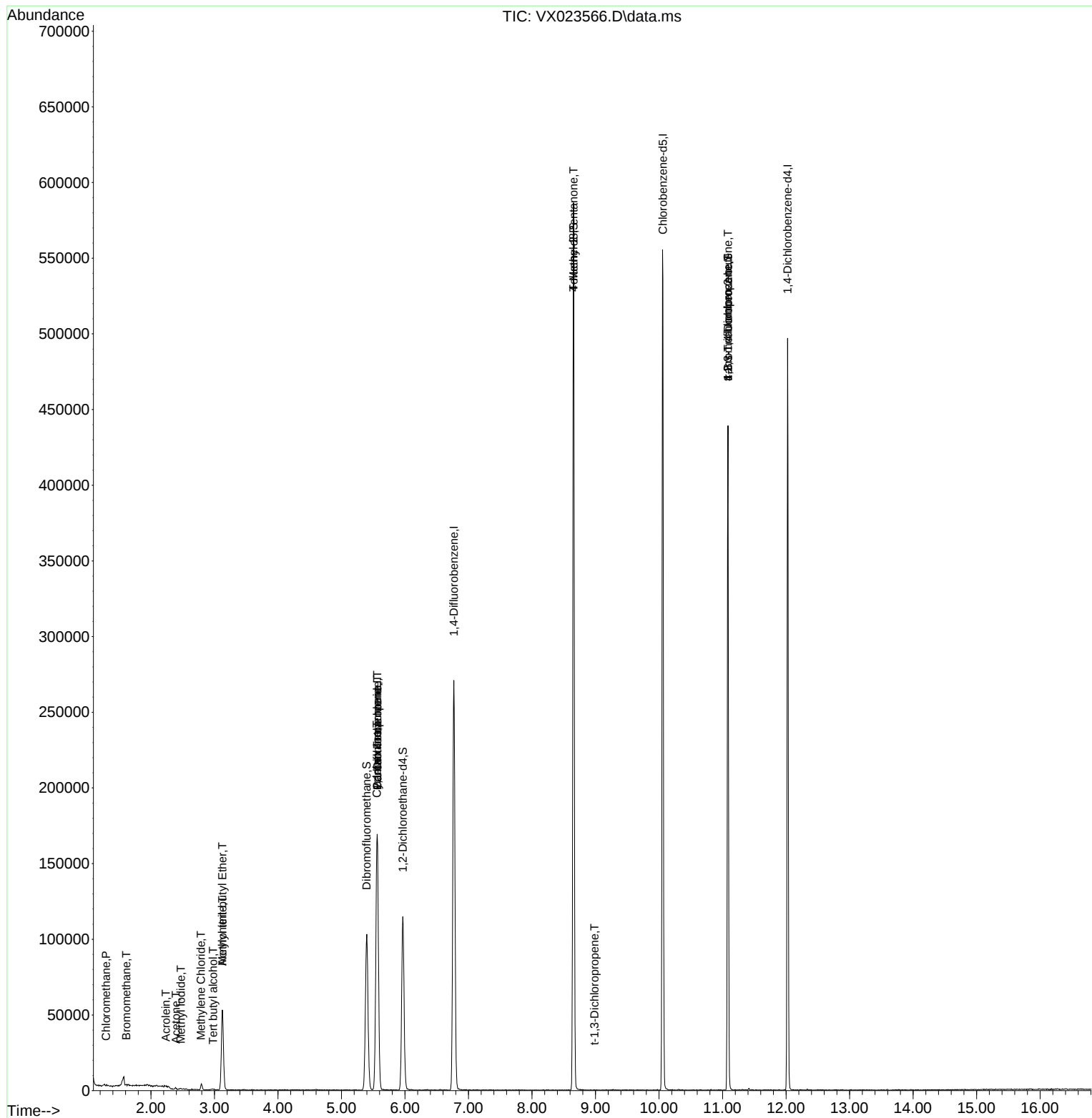
Internal Standards						
1) Pentafluorobenzene	5.562	168	163020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	274269	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	250293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109474	53.834	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.660%	
35) Dibromofluoromethane	5.397	113	87849	51.228	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.460%	
50) Toluene-d8	8.653	98	333395	52.916	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.840%	
62) 4-Bromofluorobenzene	11.085	95	109155	50.950	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.900%	
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	352	0.201	ug/l #	42
5) Bromomethane	1.611	94	285	0.271	ug/l #	56
10) Methyl Iodide	2.471	142	1021	0.505	ug/l #	90
11) Tert butyl alcohol	2.977	59	741	1.595	ug/l #	73
13) Acrolein	2.233	56	31	1.494	ug/l #	1
15) Acrylonitrile	3.123	53	693	0.661	ug/l #	29
16) Acetone	2.392	43	1099	1.102	ug/l #	78
19) Methyl tert-butyl Ether	3.123	73	55949	10.046	ug/l	96
20) Methylene Chloride	2.788	84	1642	0.846	ug/l #	90
31) Cyclohexane	5.556	56	3758	1.248	ug/l #	8
36) 1,1-Dichloropropene	5.562	75	12295	4.956	ug/l #	50
38) Carbon Tetrachloride	5.562	117	16725	6.629	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1713	0.578	ug/l #	1
53) t-1,3-Dichloropropene	8.982	75	65	1.838	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	56008	25.455	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56008	68.444	ug/l #	12

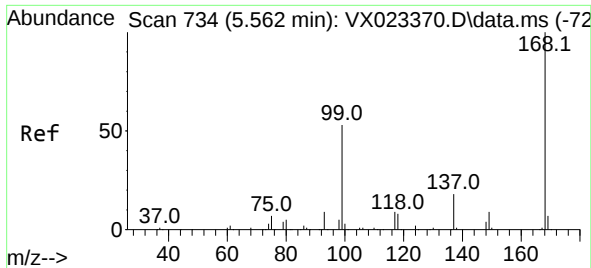
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
Data File : VX023566.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
123-24

Quant Time: Aug 06 03:22:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

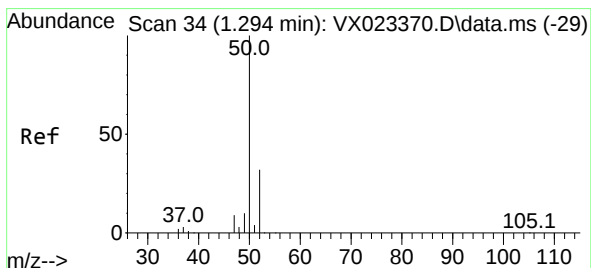
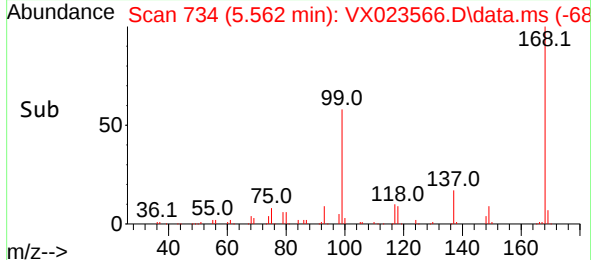
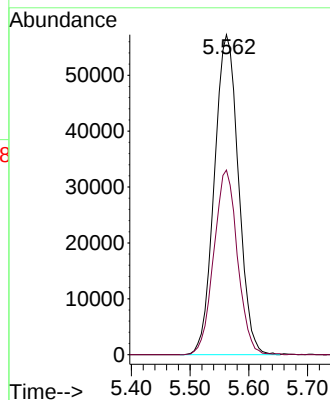
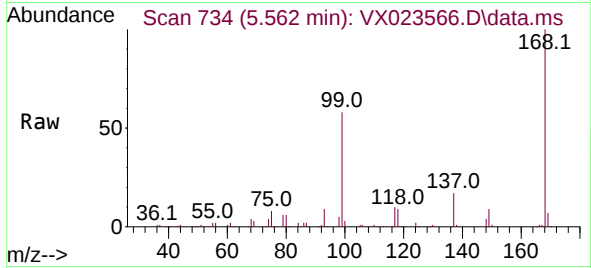




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

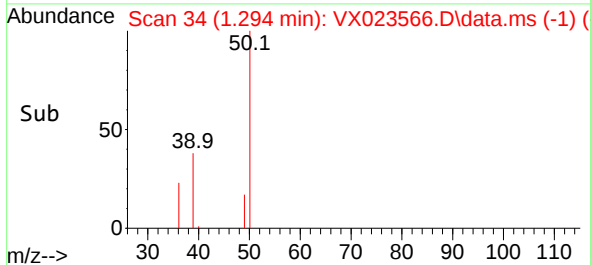
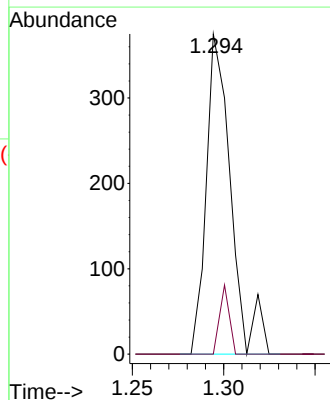
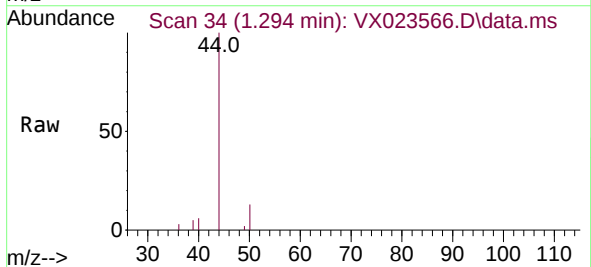
Instrument :
MSVOA_X
ClientSampleId :
123-24

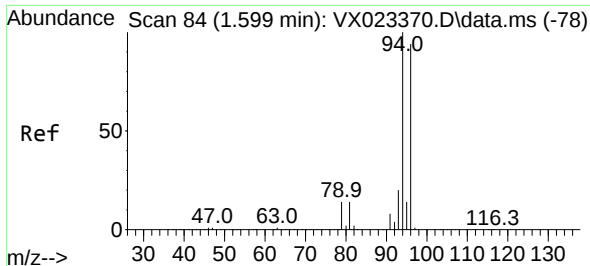
Tgt Ion:168 Resp: 163020
Ion Ratio Lower Upper
168 100
99 57.7 45.8 68.6



#3
Chloromethane
Concen: 0.201 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

Tgt Ion: 50 Resp: 352
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

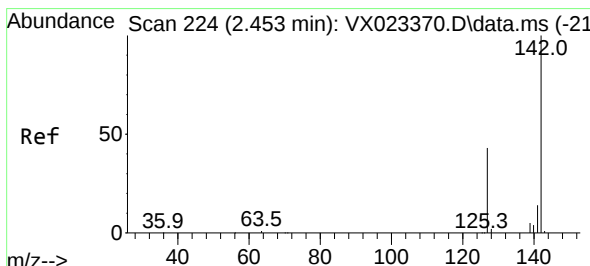
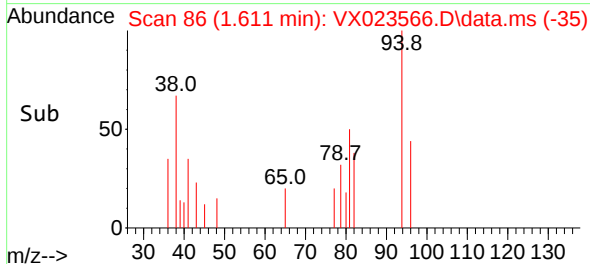
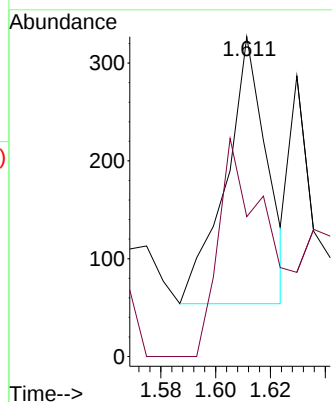
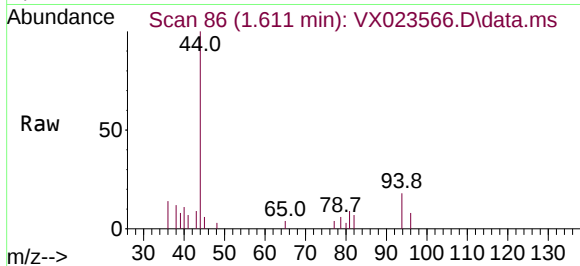




#5
Bromomethane
Concen: 0.271 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

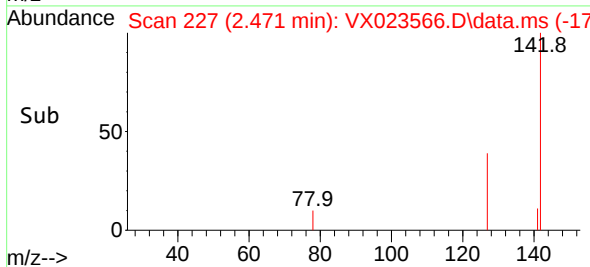
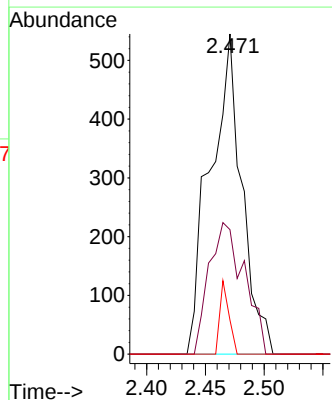
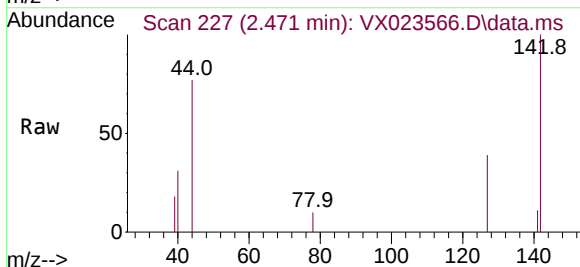
Instrument :
MSVOA_X
ClientSampled :
123-24

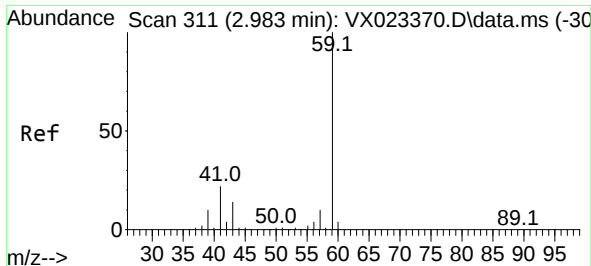
Tgt Ion: 94 Resp: 285
Ion Ratio Lower Upper
94 100
96 52.4 76.4 114.6#



#10
Methyl Iodide
Concen: 0.505 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

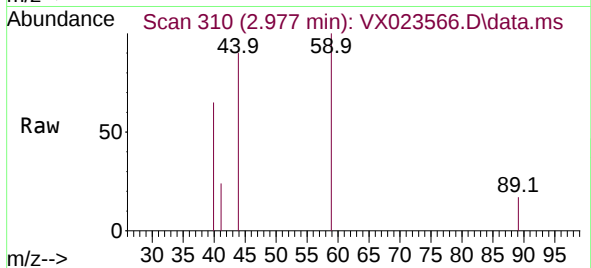
Tgt Ion: 142 Resp: 1021
Ion Ratio Lower Upper
142 100
127 45.7 33.3 49.9
141 6.6 11.4 17.0#



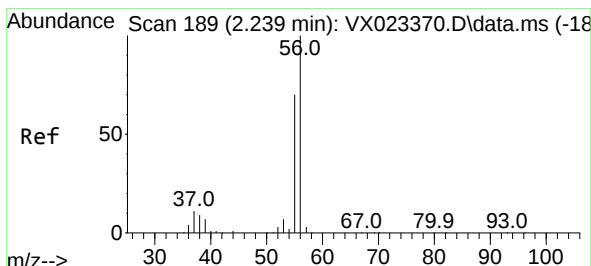
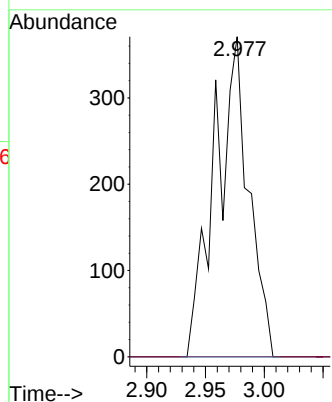
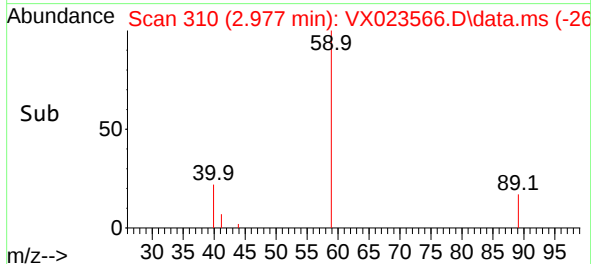


#11
Tert butyl alcohol
Concen: 1.595 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

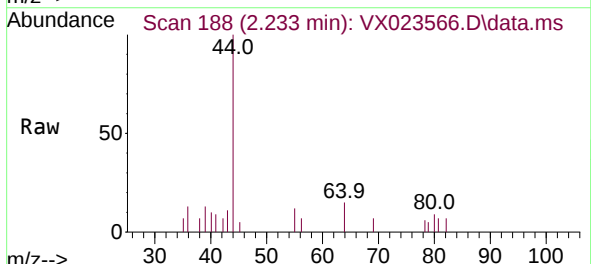
Instrument :
MSVOA_X
ClientSampled :
123-24



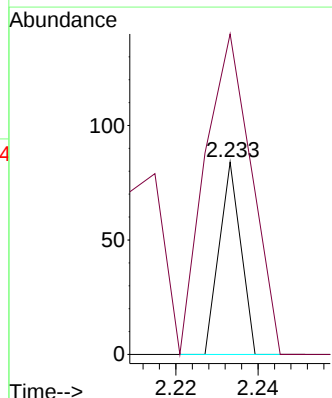
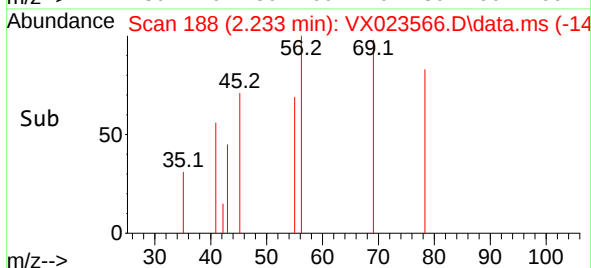
Tgt Ion: 59 Resp: 741
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

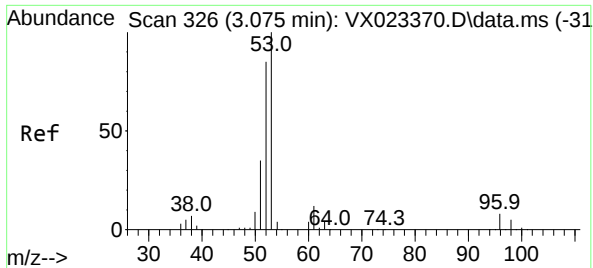


#13
Acrolein
Concen: 1.494 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41



Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 351.6 56.4 84.6#

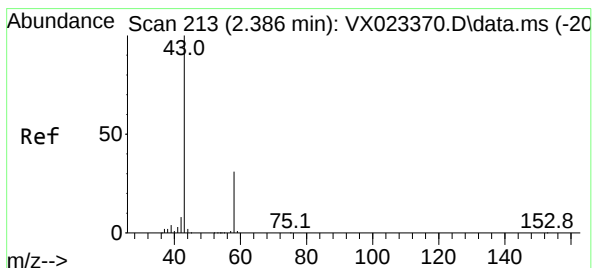
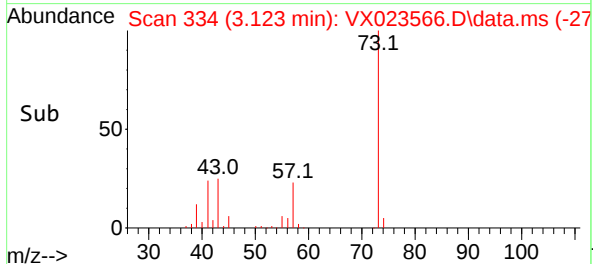
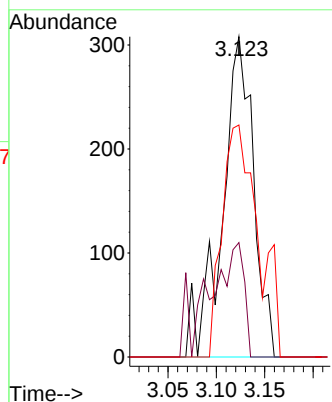
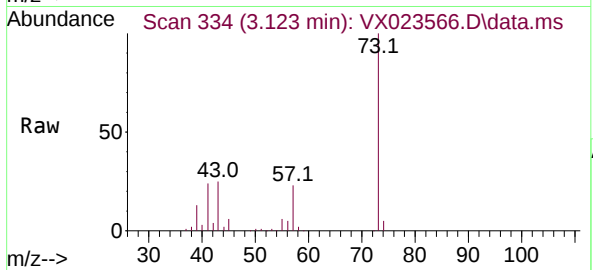




#15
Acrylonitrile
Concen: 0.661 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.048 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

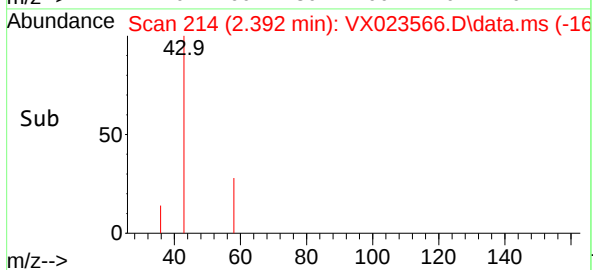
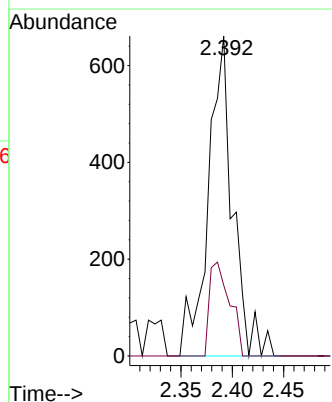
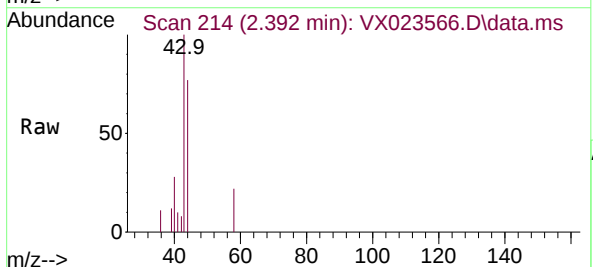
Instrument :
MSVOA_X
ClientSampled :
123-24

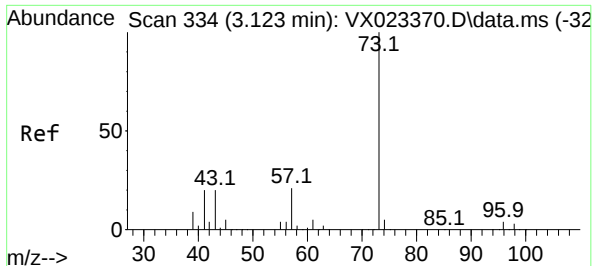
Tgt Ion: 53 Resp: 693
Ion Ratio Lower Upper
53 100
52 23.1 65.3 97.9#
51 83.3 28.2 42.2#



#16
Acetone
Concen: 1.102 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

Tgt Ion: 43 Resp: 1099
Ion Ratio Lower Upper
43 100
58 22.1 27.8 41.8#





#19

Methyl tert-butyl Ether

Concen: 10.046 ug/l

RT: 3.123 min Scan# 334

Delta R.T. 0.000 min

Lab File: VX023566.D

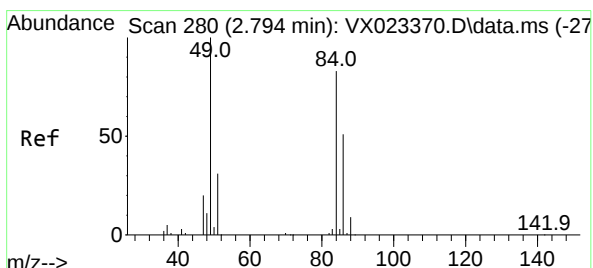
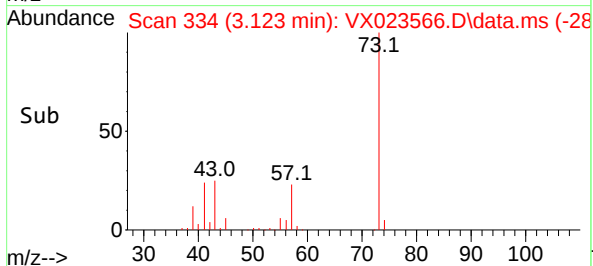
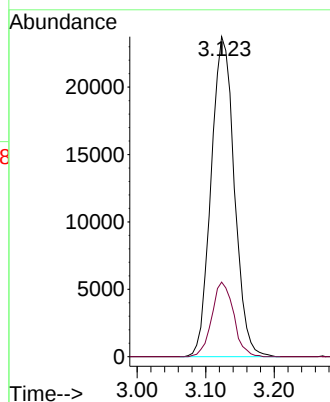
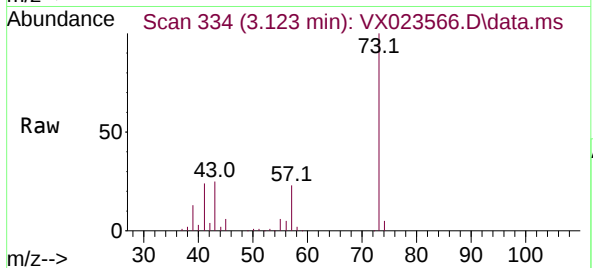
Acq: 05 Aug 2021 12:41

Tgt Ion: 73 Resp: 55949

Ion Ratio Lower Upper

73 100

57 23.3 17.1 25.7



#20

Methylene Chloride

Concen: 0.846 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX023566.D

Acq: 05 Aug 2021 12:41

Tgt Ion: 84 Resp: 1642

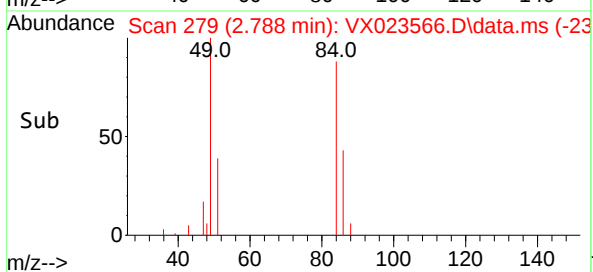
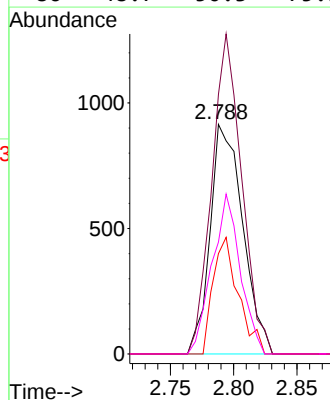
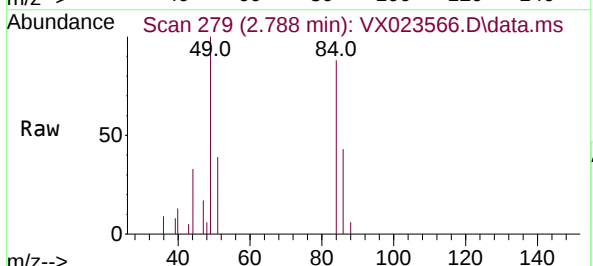
Ion Ratio Lower Upper

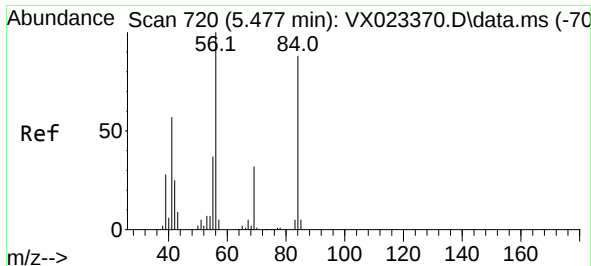
84 100

49 113.0 88.6 132.8

51 43.7 27.0 40.6#

86 48.7 50.3 75.5#

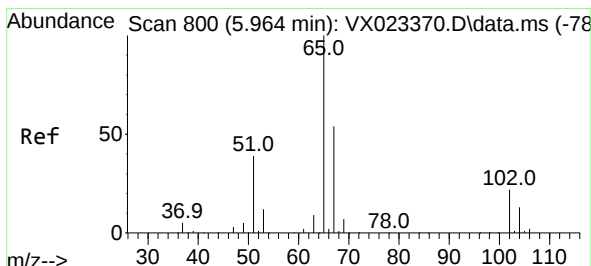
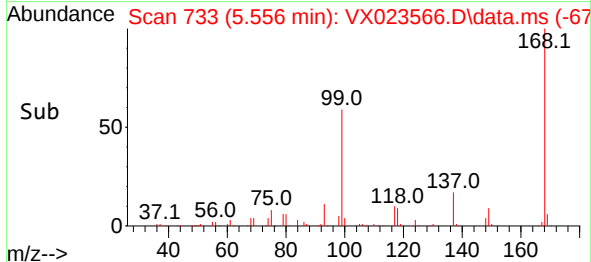
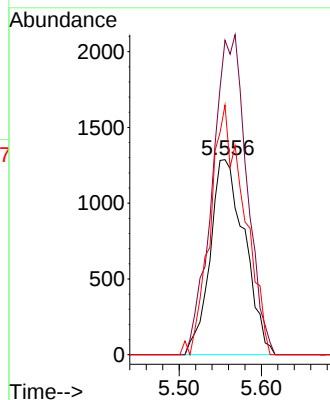
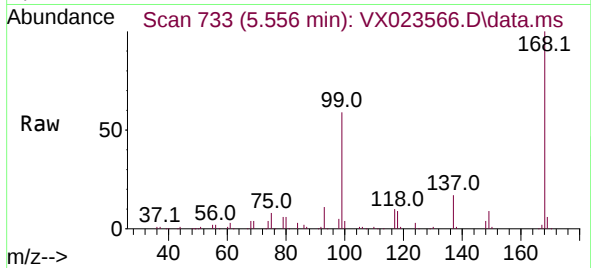




#31
Cyclohexane
Concen: 1.248 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

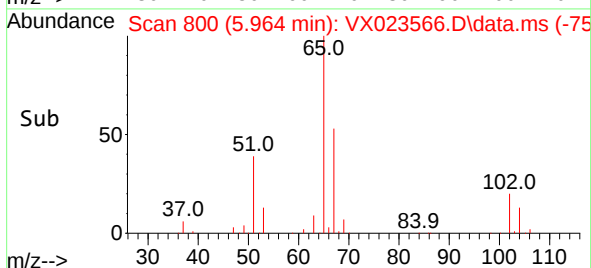
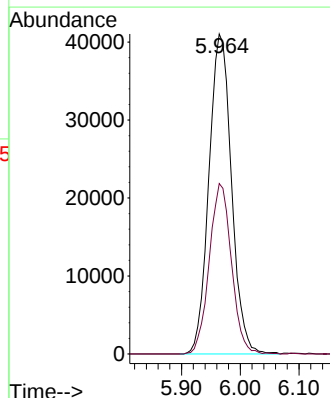
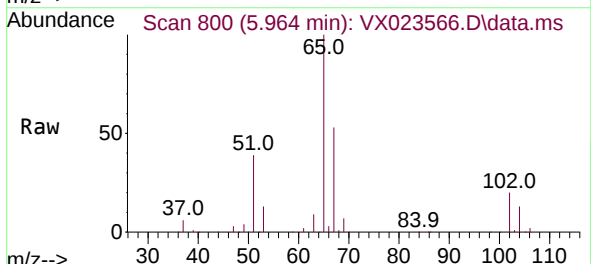
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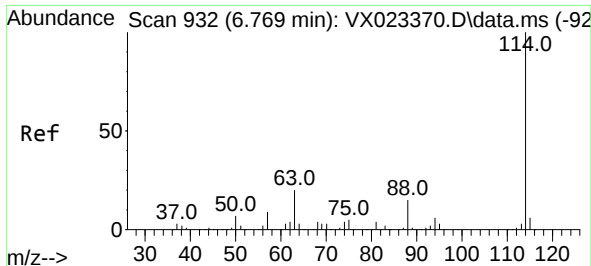
Tgt Ion: 56 Resp: 3758
Ion Ratio Lower Upper
56 100
69 161.2 25.3 37.9#
84 128.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.834 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

Tgt Ion: 65 Resp: 109474
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

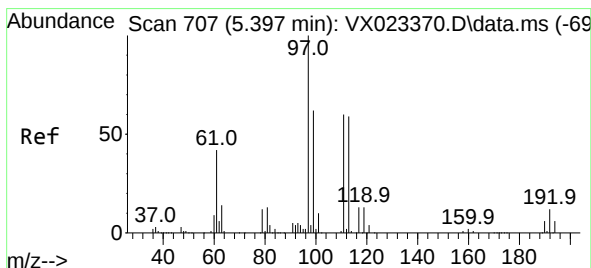
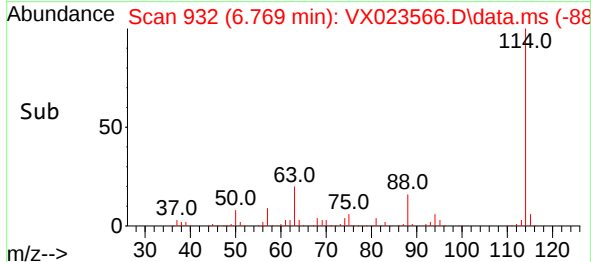
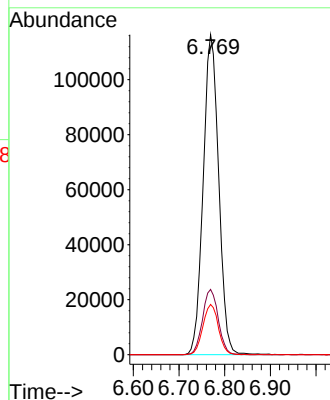
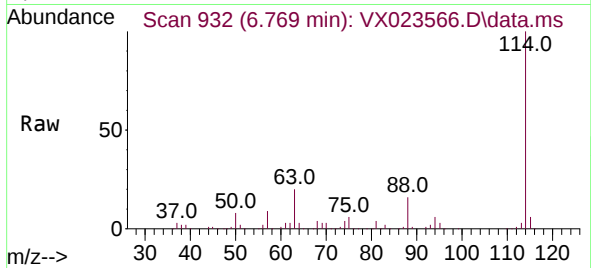




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

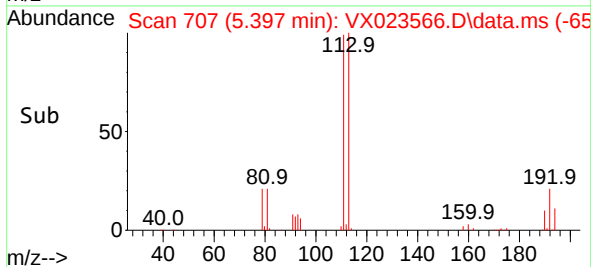
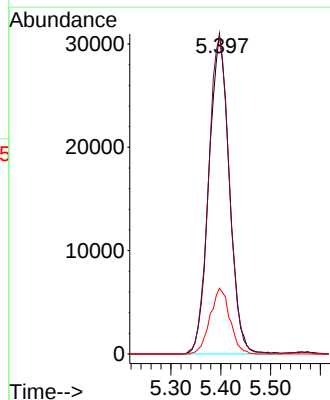
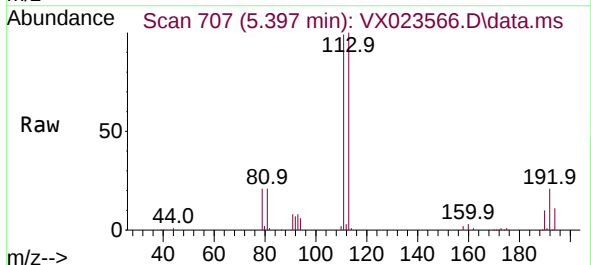
Instrument :
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123-24

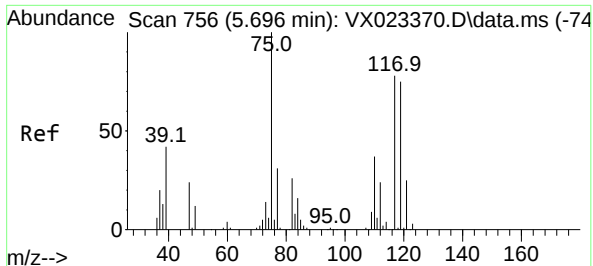
Tgt Ion:114 Resp: 274269
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.228 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

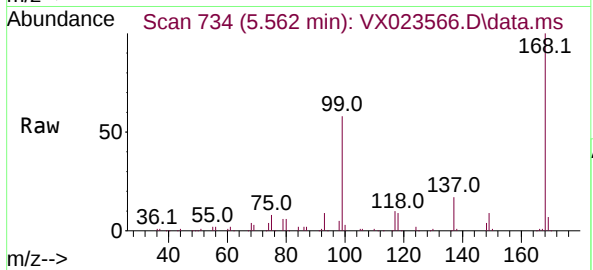
Tgt Ion:113 Resp: 87849
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 20.0 16.7 25.1



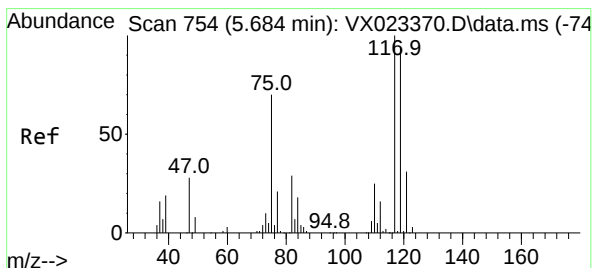
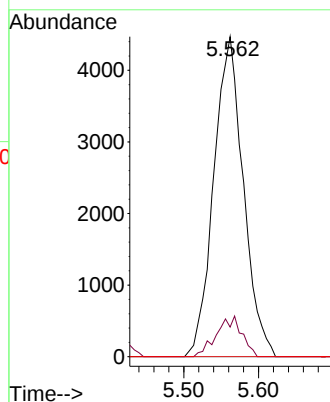
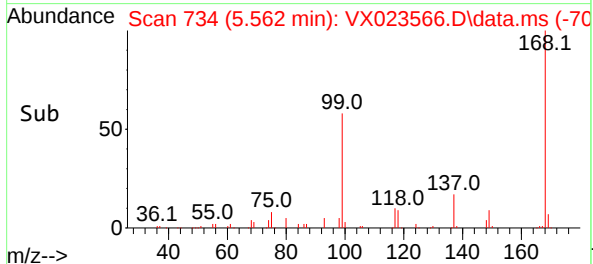


#36
1,1-Dichloropropene
Concen: 4.956 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

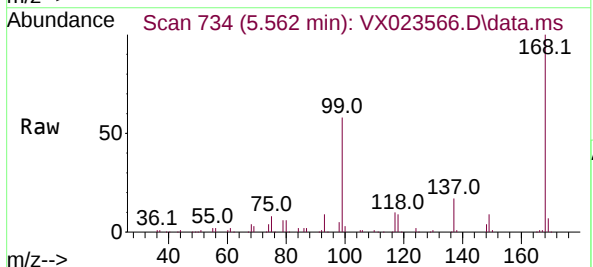
Instrument :
MSVOA_X
ClientSampled :
123-24



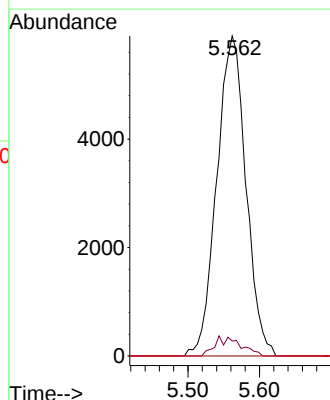
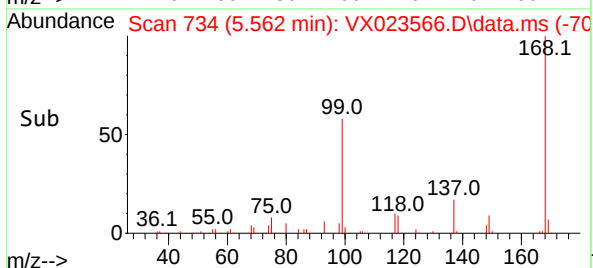
Tgt Ion: 75 Resp: 12295
Ion Ratio Lower Upper
75 100
110 10.8 18.1 54.4#
77 0.0 25.3 37.9#

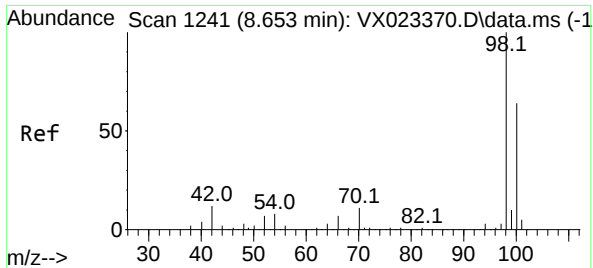


#38
Carbon Tetrachloride
Concen: 6.629 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41



Tgt Ion: 117 Resp: 16725
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#

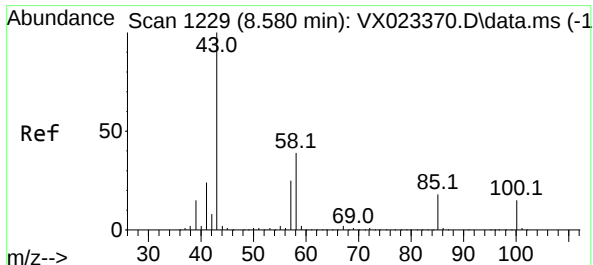
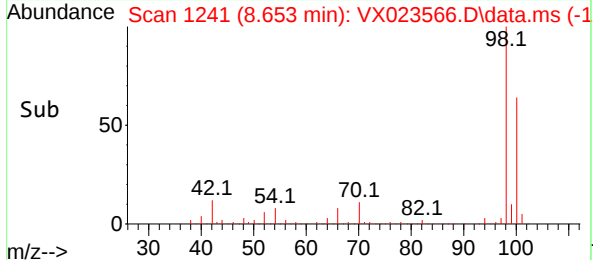
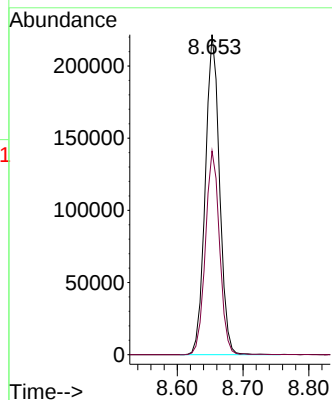
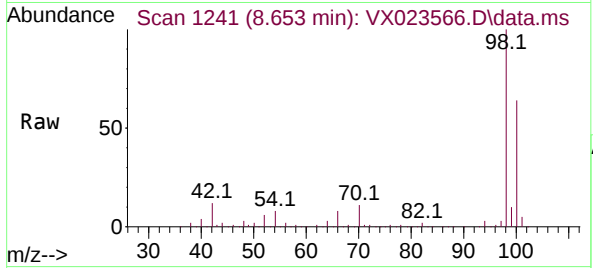




#50
Toluene-d8
Concen: 52.916 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

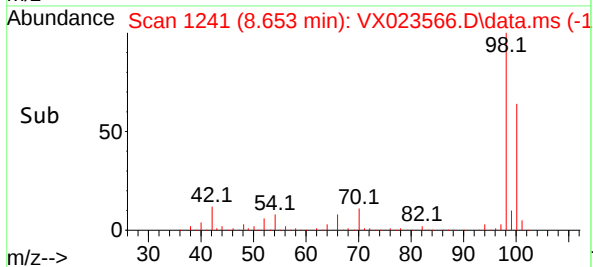
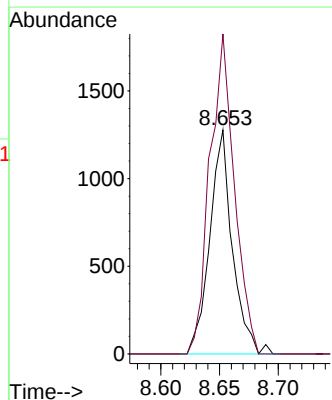
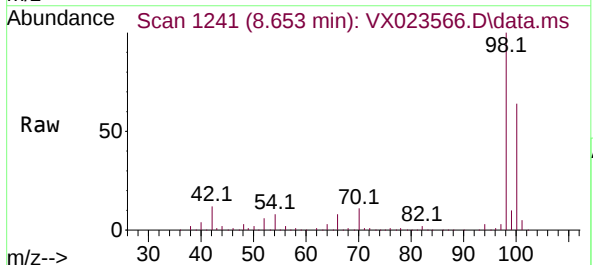
Instrument :
MSVOA_X
ClientSampled :
123-24

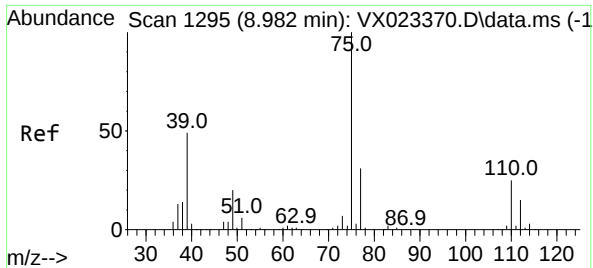
Tgt Ion: 98 Resp: 333395
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.578 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

Tgt Ion: 43 Resp: 1713
Ion Ratio Lower Upper
43 100
58 155.2 35.4 53.0#

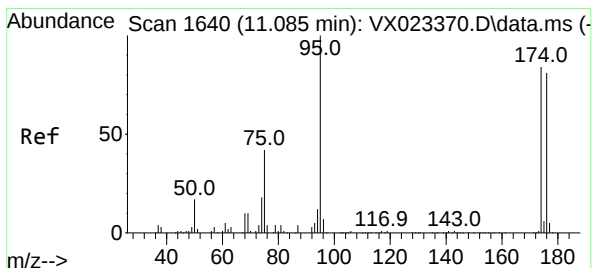
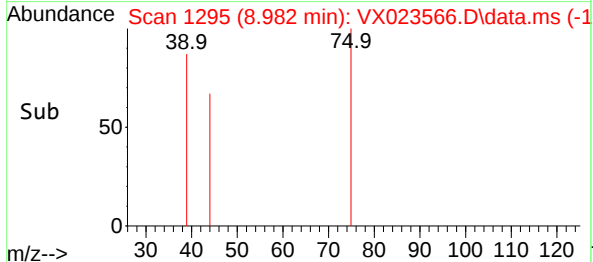
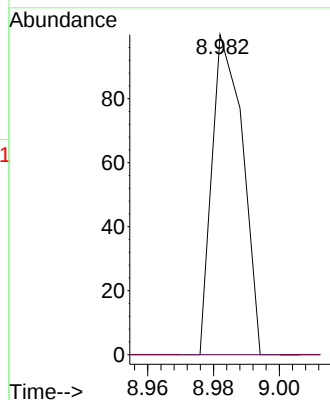
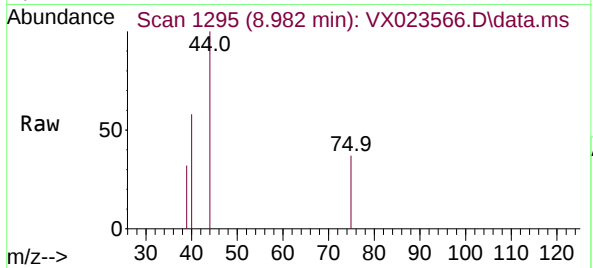




#53
 t-1,3-Dichloropropene
 Concen: 1.838 ug/l
 RT: 8.982 min Scan# 1295
 Delta R.T. -0.000 min
 Lab File: VX023566.D
 Acq: 05 Aug 2021 12:41

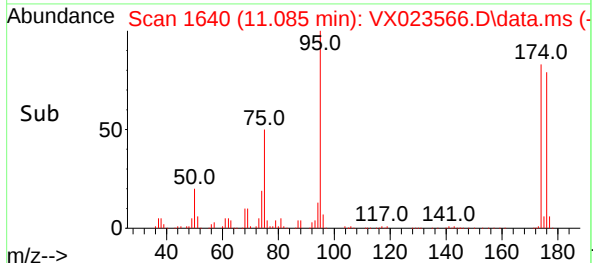
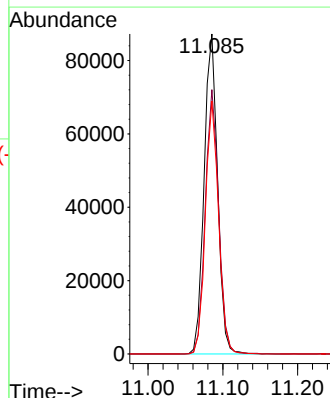
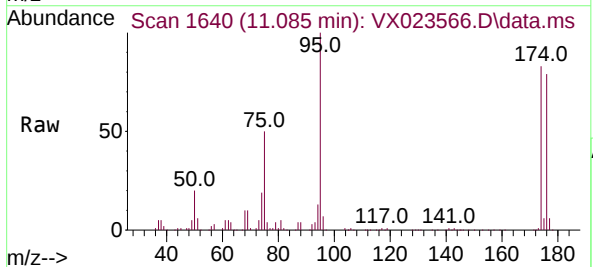
Instrument :
 MSVOA_X
 ClientSampled :
 123-24

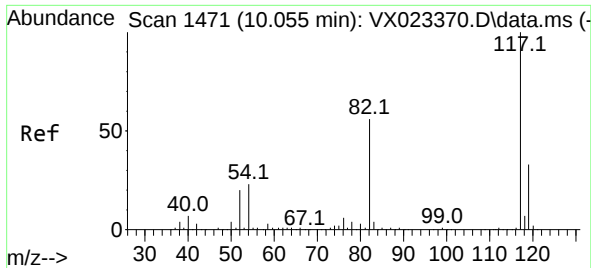
Tgt Ion: 75 Resp: 65
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.9 37.3#



#62
 4-Bromofluorobenzene
 Concen: 50.950 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VX023566.D
 Acq: 05 Aug 2021 12:41

Tgt Ion: 95 Resp: 109155
 Ion Ratio Lower Upper
 95 100
 174 82.5 0.0 154.6
 176 77.6 0.0 155.8

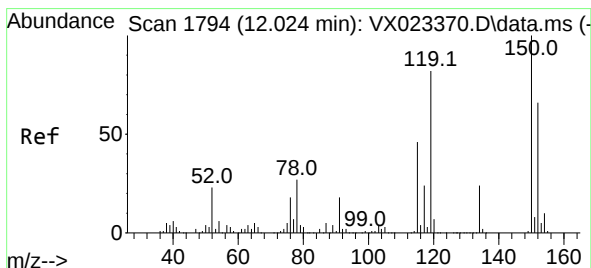
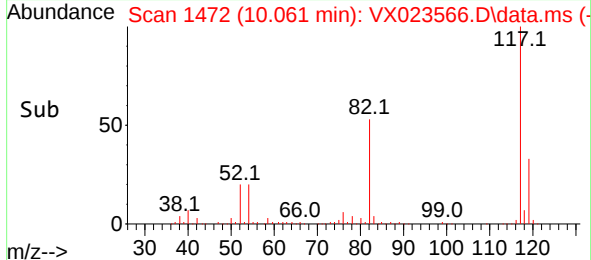
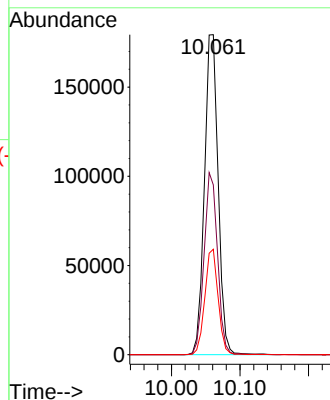
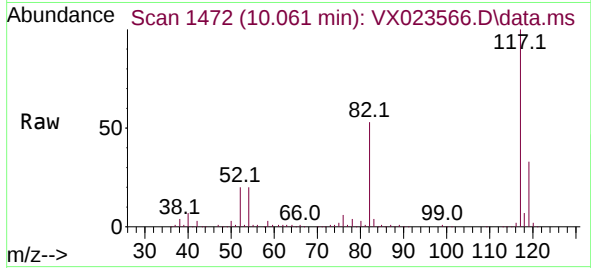




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

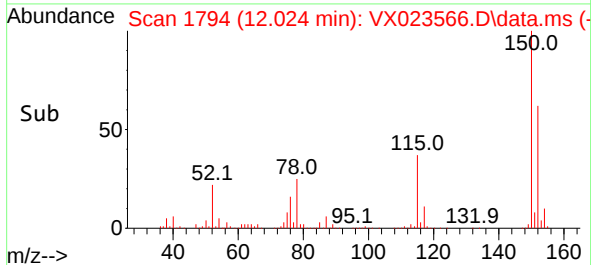
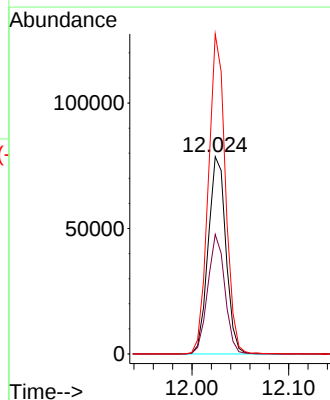
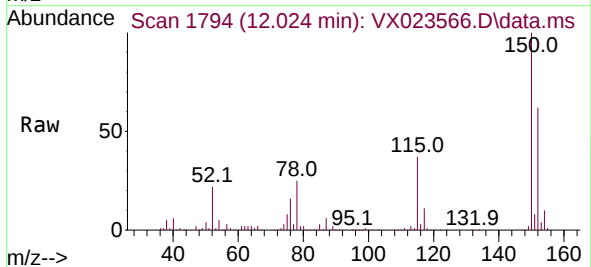
Instrument :
MSVOA_X
ClientSampled :
123-24

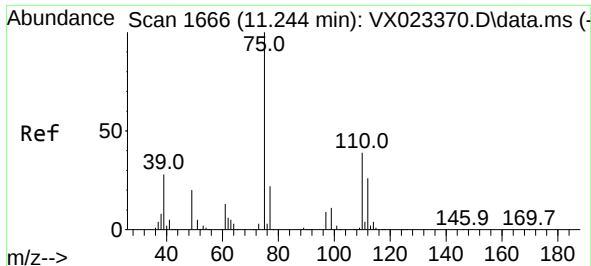
Tgt Ion:117 Resp: 250293
Ion Ratio Lower Upper
117 100
82 53.0 47.4 71.2
119 33.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

Tgt Ion:152 Resp: 99988
Ion Ratio Lower Upper
152 100
115 58.8 41.1 123.3
150 156.5 0.0 349.0

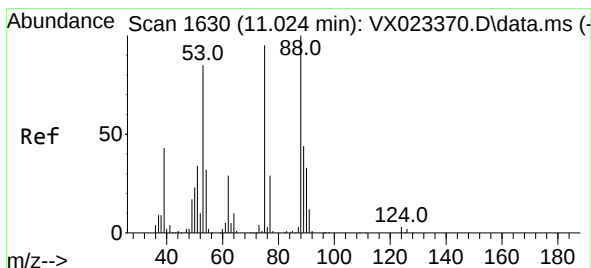
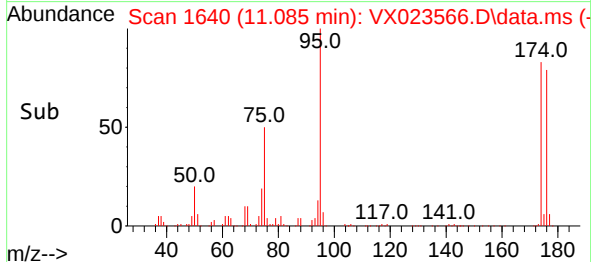
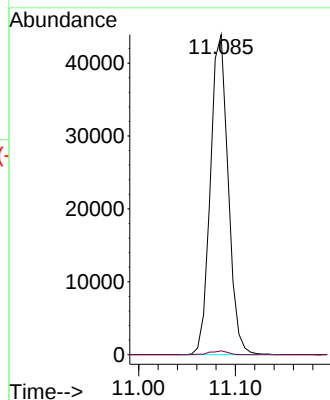
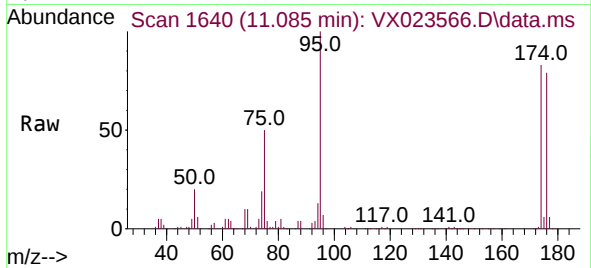




#76
1,2,3-Trichloropropane
Concen: 25.455 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

Instrument :
MSVOA_X
ClientSampled :
123-24

Tgt Ion: 75 Resp: 56008
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.444 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

Tgt Ion: 75 Resp: 56008
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

