

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070721\
 Data File : VX023175.D
 Acq On : 07 Jul 2021 16:15
 Operator : JC/MD
 Sample : M2953-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 08 03:21:05 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)

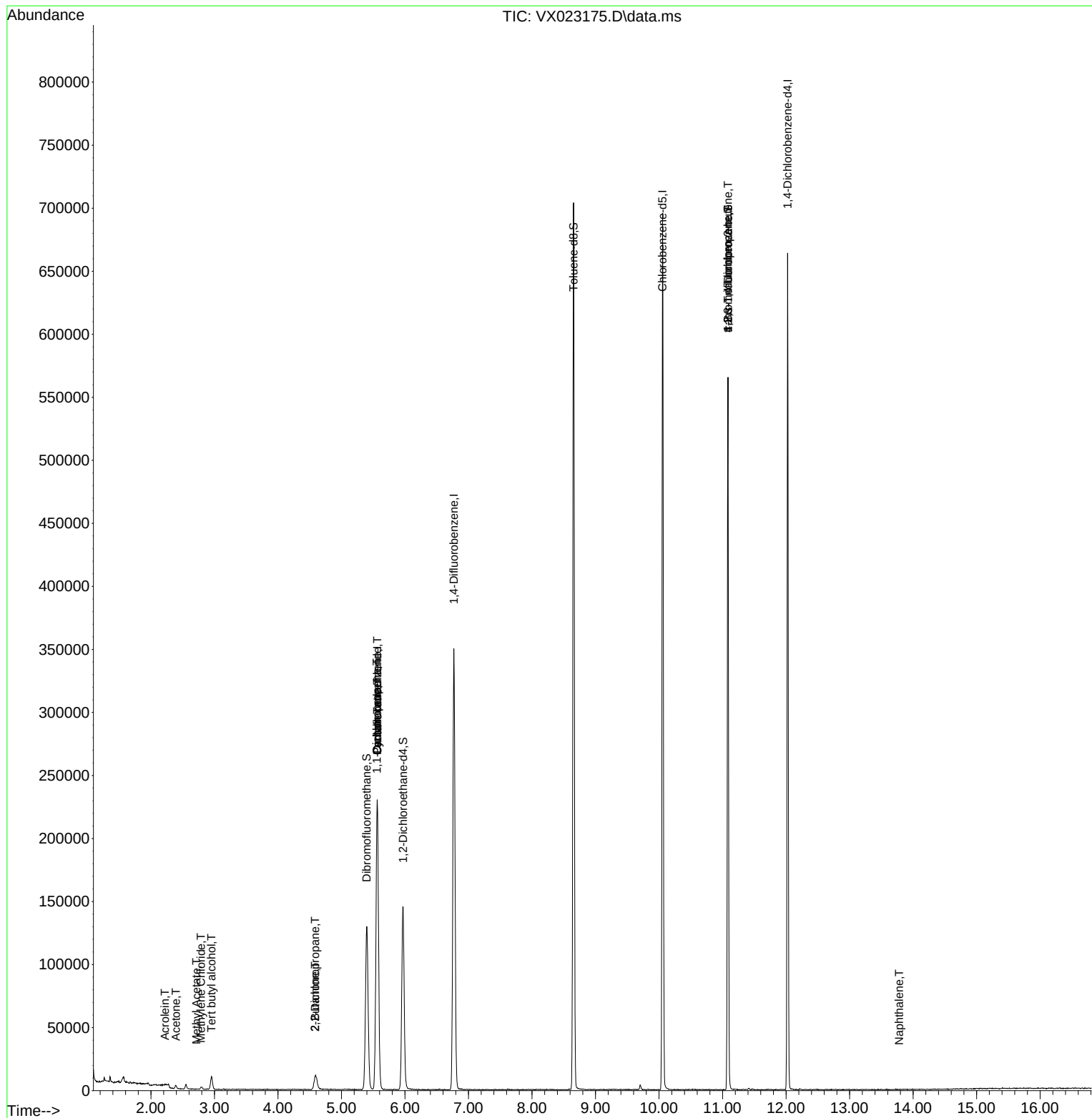
Internal Standards						
1) Pentafluorobenzene	5.562	168	211071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	348899	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	309762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	148110	52.210	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.420%		
35) Dibromofluoromethane	5.397	113	111071	49.298	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.600%		
50) Toluene-d8	8.653	98	412291	49.057	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.120%		
62) 4-Bromofluorobenzene	11.085	95	147565	45.481	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 90.960%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	534	Below Cal		87
11) Tert butyl alcohol	2.953	59	5635	9.442 ug/l	#	76
13) Acrolein	2.221	56	211	0.531 ug/l	#	1
16) Acetone	2.392	43	3216	2.865 ug/l	#	86
18) Methyl Acetate	2.715	43	612	0.225 ug/l	#	53
20) Methylene Chloride	2.788	84	1021	0.423 ug/l		84
25) 2-Butanone	4.586	43	723	0.427 ug/l	#	84
26) 2,2-Dichloropropane	4.586	77	971	0.297 ug/l	#	52
31) Cyclohexane	5.562	56	4633	1.364 ug/l	#	1
36) 1,1-Dichloropropene	5.556	75	16943	5.447 ug/l	#	50
38) Carbon Tetrachloride	5.562	117	23300	7.177 ug/l	#	19
76) 1,2,3-Trichloropropane	11.085	75	75826	29.098 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.085	75	75826	78.273 ug/l	#	12
95) Naphthalene	13.780	128	67	1.282 ug/l	#	69

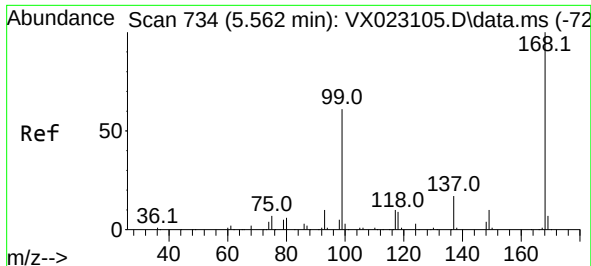
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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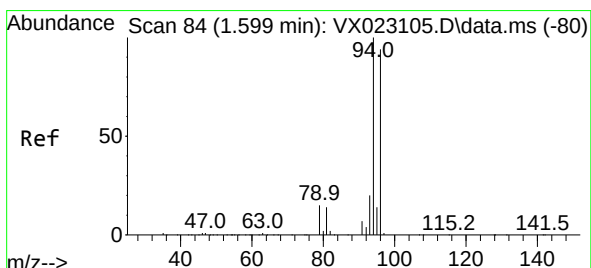
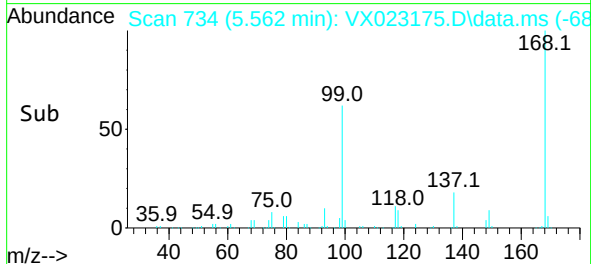
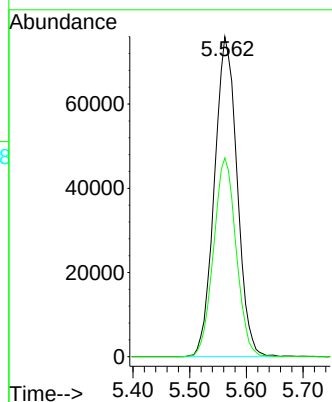
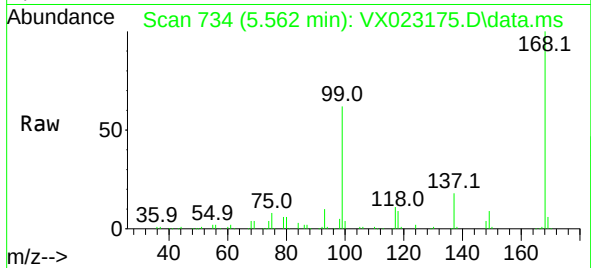




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023175.D
Acq: 07 Jul 2021 16:15

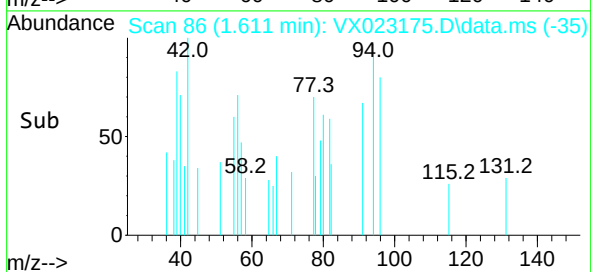
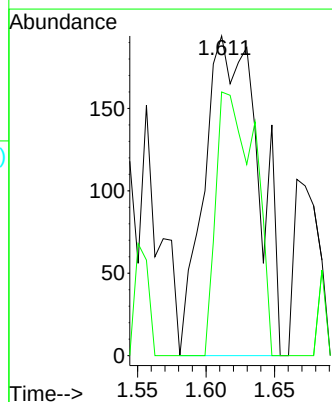
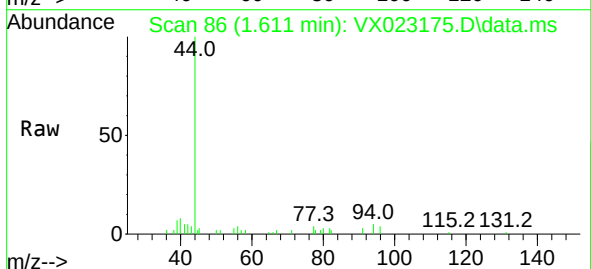
Instrument :
MSVOA_X
ClientSampleId :

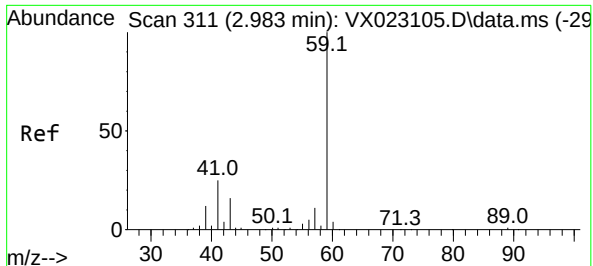
Tgt Ion:168 Resp: 211071
Ion Ratio Lower Upper
168 100
99 62.1 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023175.D
Acq: 07 Jul 2021 16:15

Tgt Ion: 94 Resp: 534
Ion Ratio Lower Upper
94 100
96 82.5 76.4 114.6



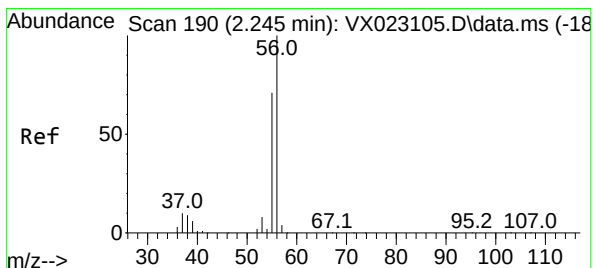
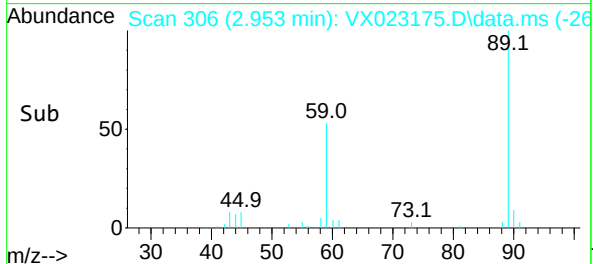
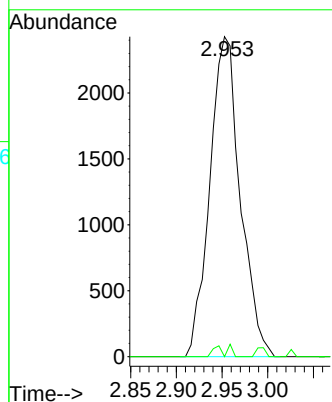
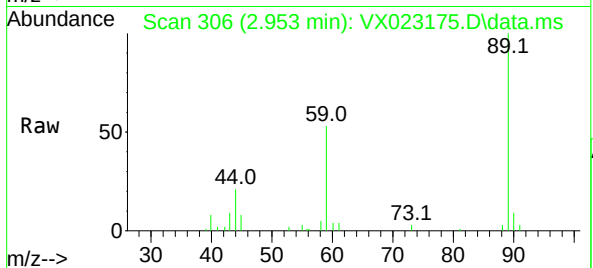


#11

Tert butyl alcohol
Concen: 9.442 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023175.D
Acq: 07 Jul 2021 16:15

Instrument :
MSVOA_X
ClientSampled :

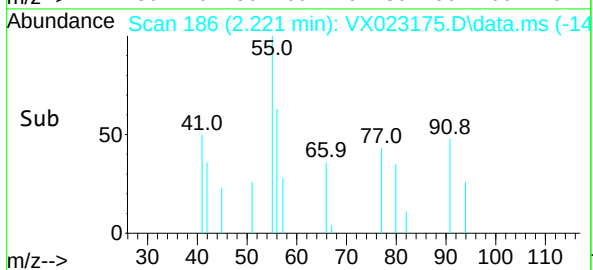
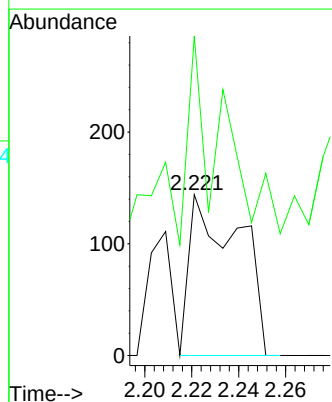
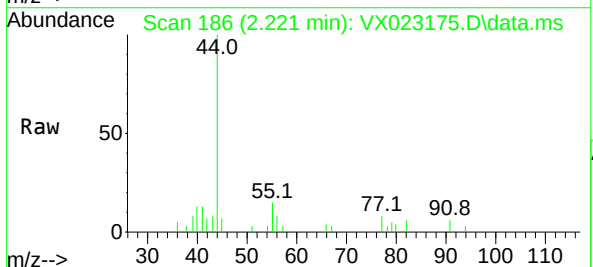
Tgt Ion: 59 Resp: 5635
Ion Ratio Lower Upper
59 100
57 0.9 7.8 11.8#

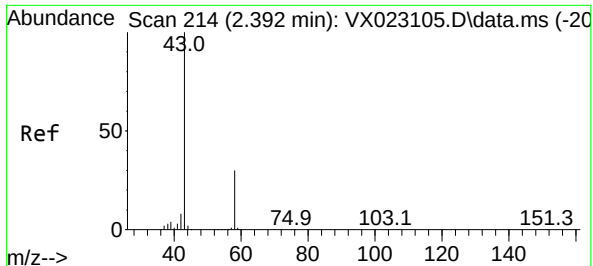


#13

Acrolein
Concen: 0.531 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.024 min
Lab File: VX023175.D
Acq: 07 Jul 2021 16:15

Tgt Ion: 56 Resp: 211
Ion Ratio Lower Upper
56 100
55 261.1 56.4 84.6#

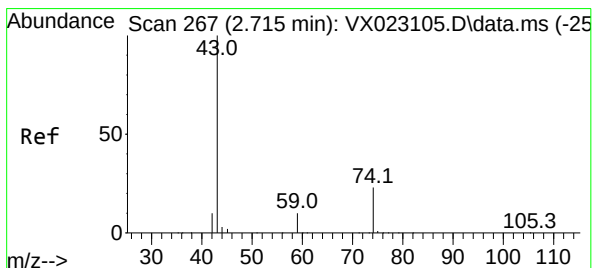
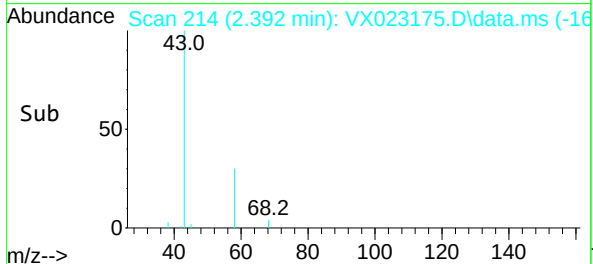
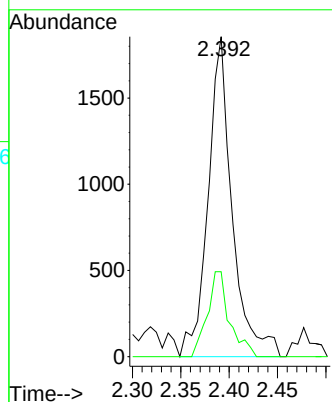
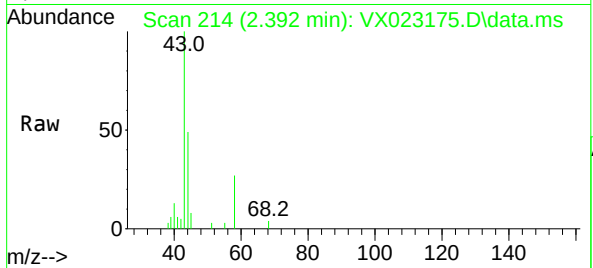




#16
Acetone
Concen: 2.865 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023175.D
Acq: 07 Jul 2021 16:15

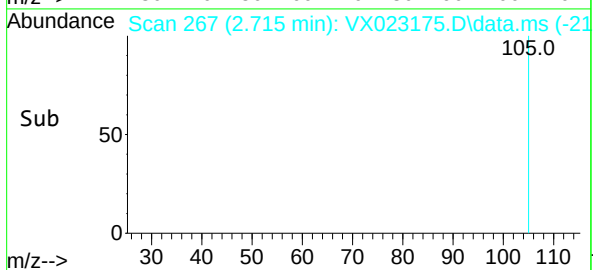
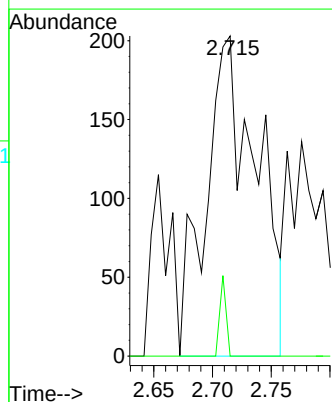
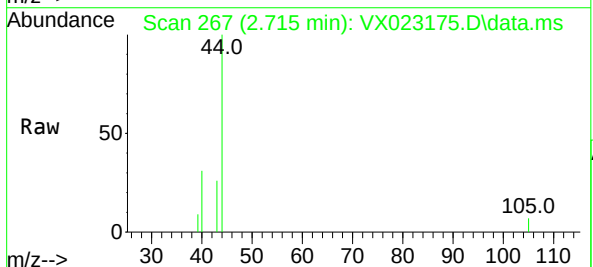
Instrument :
MSVOA_X
ClientSampled :

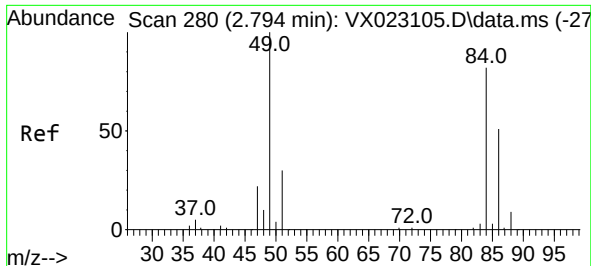
Tgt Ion: 43 Resp: 3216
Ion Ratio Lower Upper
43 100
58 26.6 27.8 41.8#



#18
Methyl Acetate
Concen: 0.225 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX023175.D
Acq: 07 Jul 2021 16:15

Tgt Ion: 43 Resp: 612
Ion Ratio Lower Upper
43 100
74 3.1 21.9 32.9#

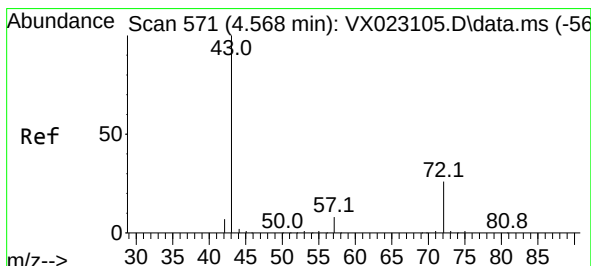
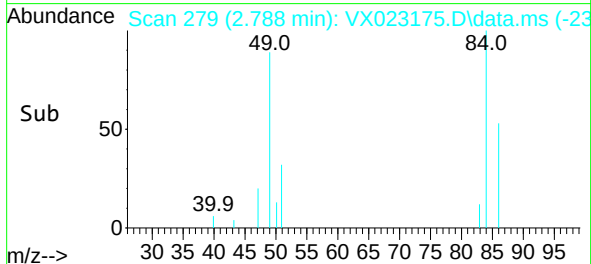
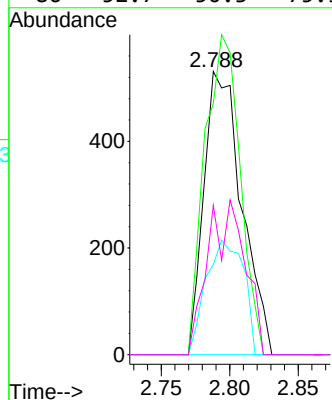
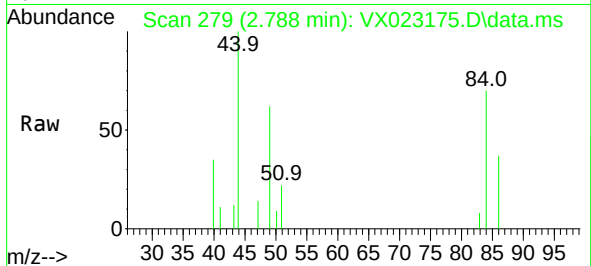




#20
Methylene Chloride
Concen: 0.423 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023175.D
Acq: 07 Jul 2021 16:15

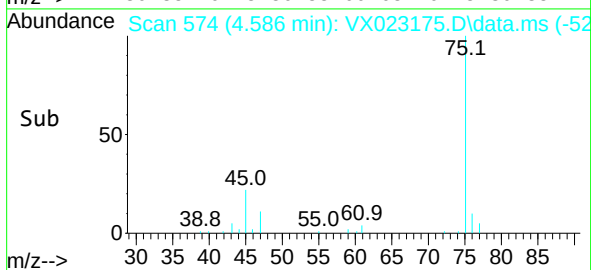
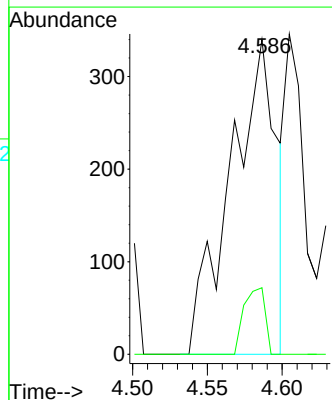
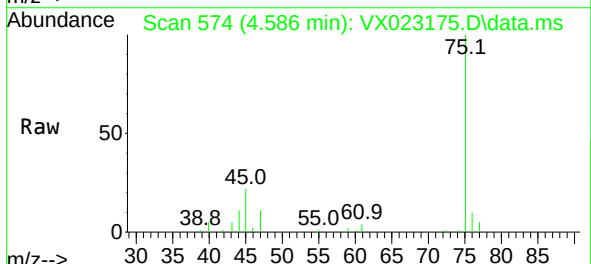
Instrument :
MSVOA_X
ClientSampleId :

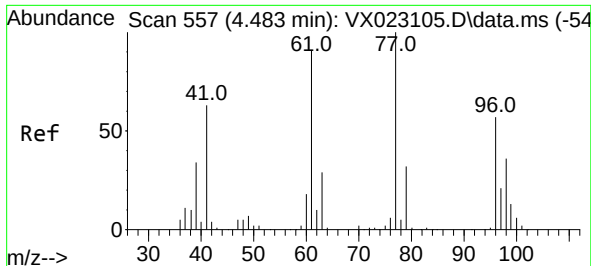
Tgt Ion: 84	Resp: 1021
Ion Ratio	Lower Upper
84 100	
49 88.7	88.6 132.8
51 31.8	27.0 40.6
86 52.7	50.3 75.5



#25
2-Butanone
Concen: 0.427 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX023175.D
Acq: 07 Jul 2021 16:15

Tgt Ion: 43	Resp: 723
Ion Ratio	Lower Upper
43 100	
72 21.2	23.7 35.5#

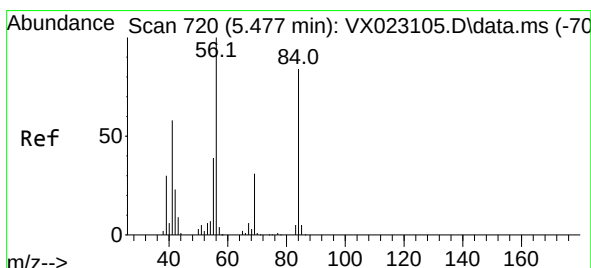
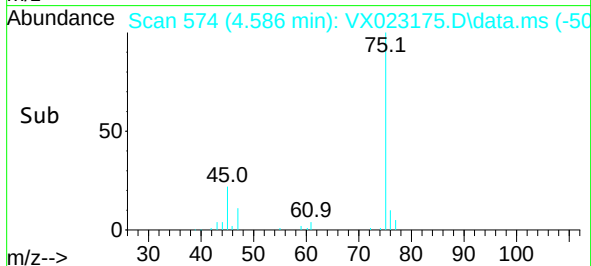
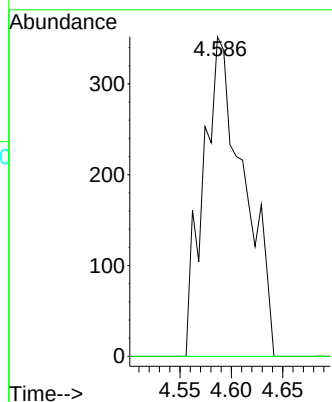
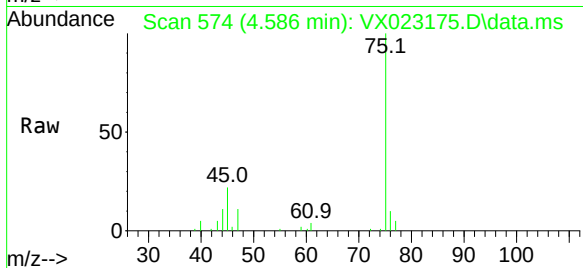




#26
2,2-Dichloropropane
Concen: 0.297 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.103 min
Lab File: VX023175.D
Acq: 07 Jul 2021 16:15

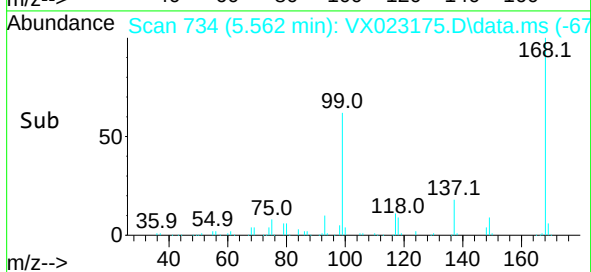
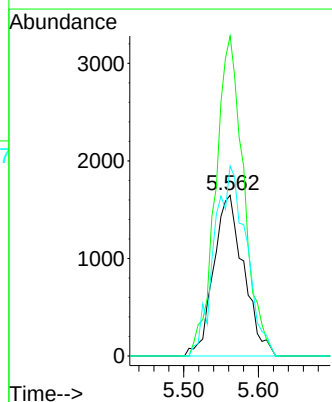
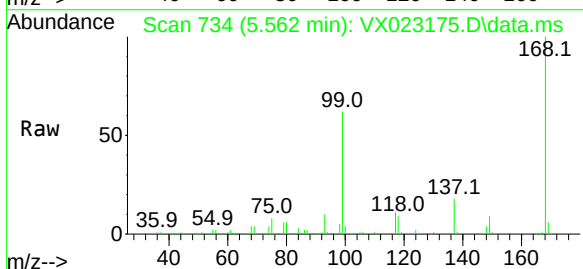
Instrument :
MSVOA_X
ClientSampleId :

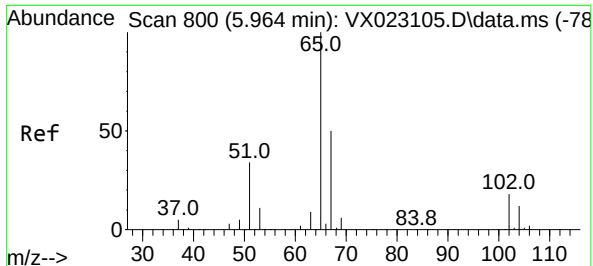
Tgt Ion: 77 Resp: 971
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



#31
Cyclohexane
Concen: 1.364 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023175.D
Acq: 07 Jul 2021 16:15

Tgt Ion: 56 Resp: 4633
Ion Ratio Lower Upper
56 100
69 199.1 25.3 37.9#
84 118.3 71.4 107.0#

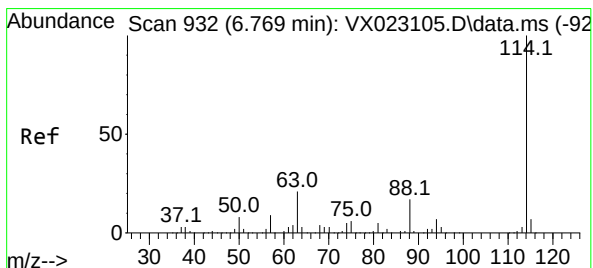
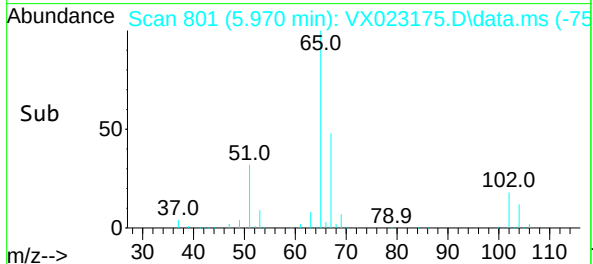
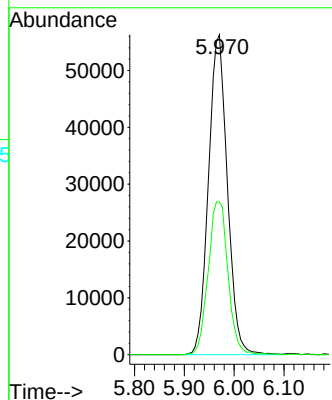
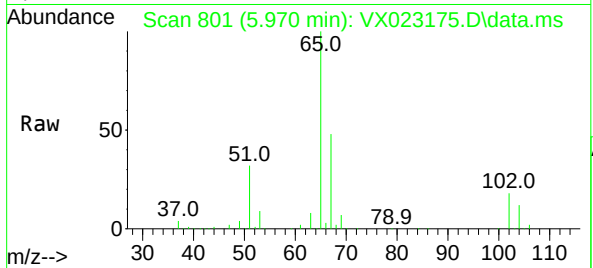




#33
 1,2-Dichloroethane-d4
 Concen: 52.210 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX023175.D
 Acq: 07 Jul 2021 16:15

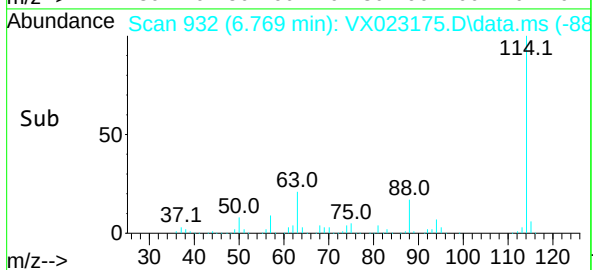
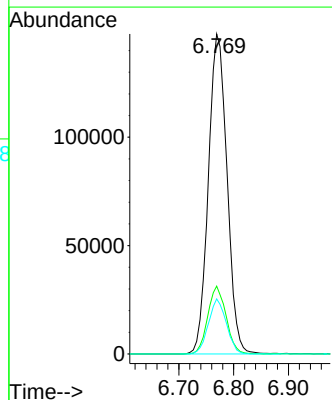
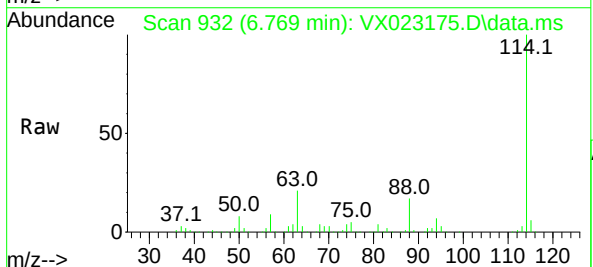
Instrument :
 MSVOA_X
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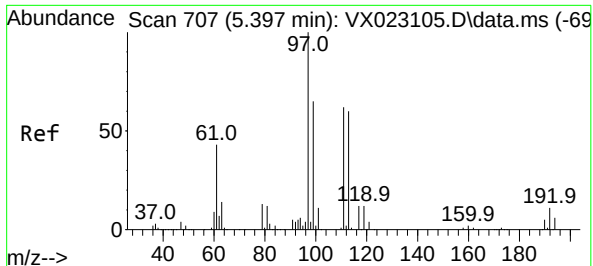
Tgt Ion: 65 Resp: 148110
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX023175.D
 Acq: 07 Jul 2021 16:15

Tgt Ion: 114 Resp: 348899
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.8
 88 17.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.298 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023175.D

Acq: 07 Jul 2021 16:15

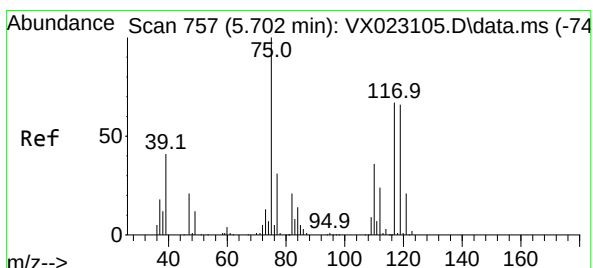
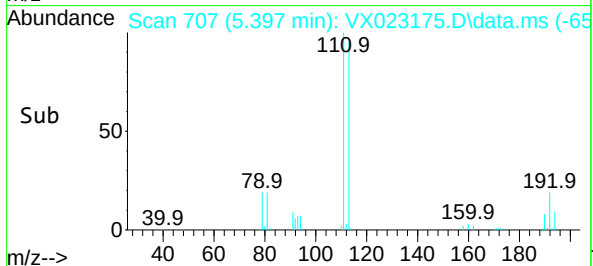
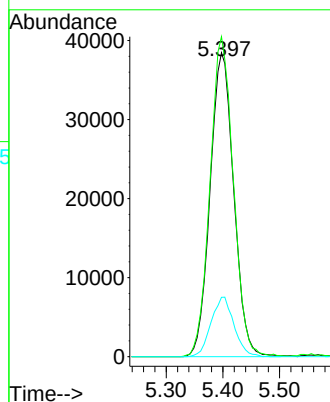
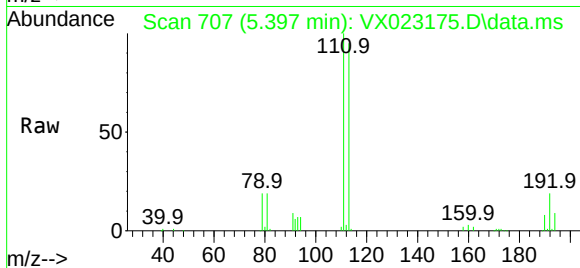
Tgt Ion:113 Resp: 111071

Ion Ratio Lower Upper

113 100

111 103.9 81.9 122.9

192 19.1 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.447 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX023175.D

Acq: 07 Jul 2021 16:15

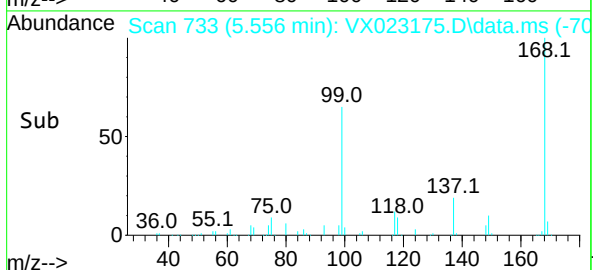
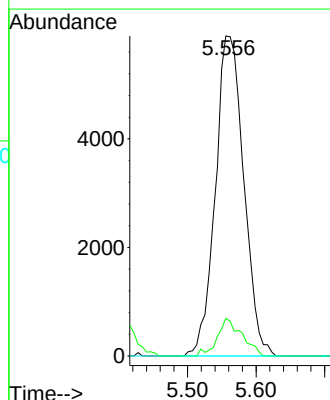
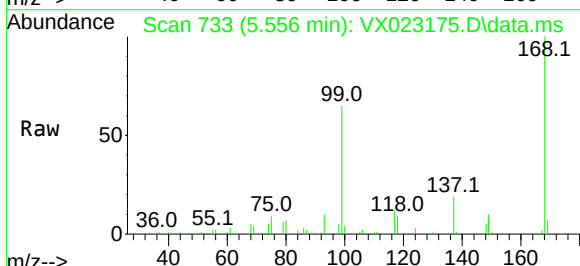
Tgt Ion: 75 Resp: 16943

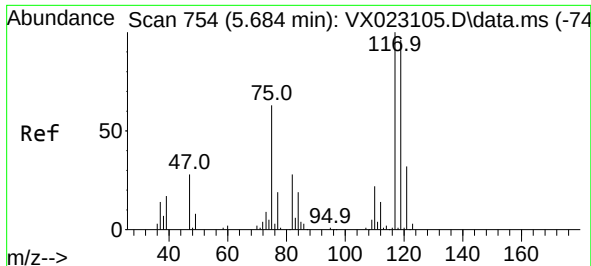
Ion Ratio Lower Upper

75 100

110 10.2 18.1 54.4#

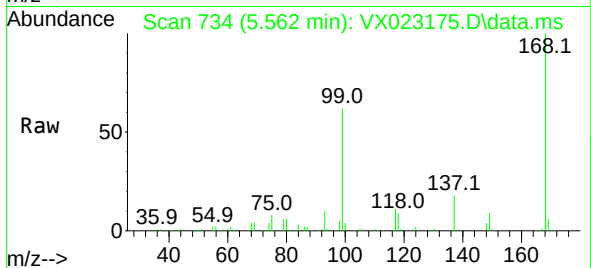
77 0.0 25.3 37.9#



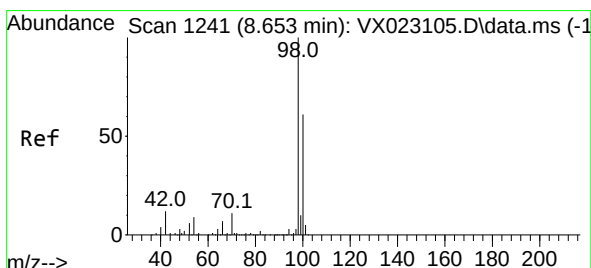
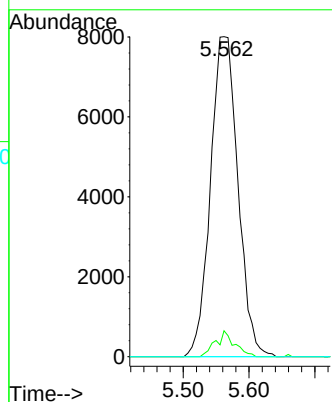
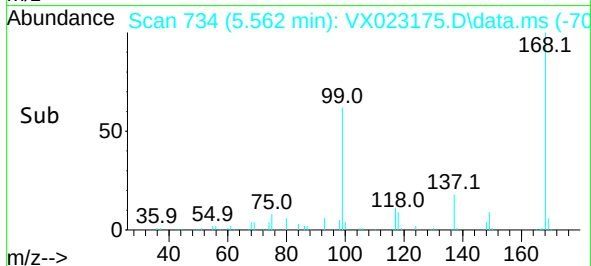


#38
Carbon Tetrachloride
Concen: 7.177 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023175.D
Acq: 07 Jul 2021 16:15

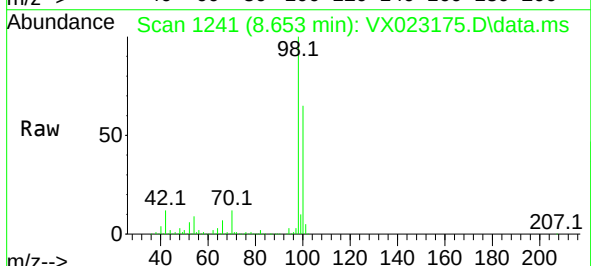
Instrument :
MSVOA_X
ClientSampleId :



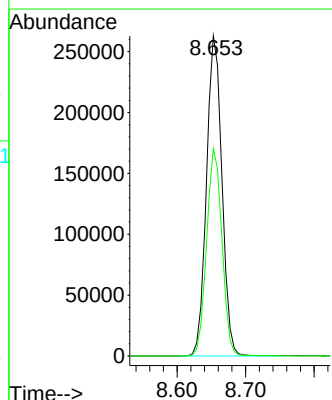
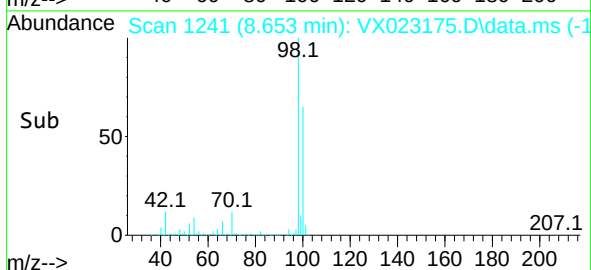
Tgt Ion:117 Resp: 23300
Ion Ratio Lower Upper
117 100
119 8.1 76.2 114.2#
121 0.0 24.8 37.2#

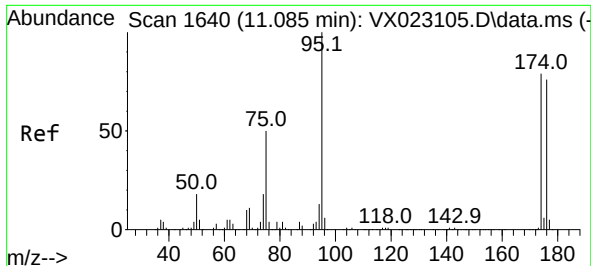


#50
Toluene-d8
Concen: 49.057 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023175.D
Acq: 07 Jul 2021 16:15



Tgt Ion: 98 Resp: 412291
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

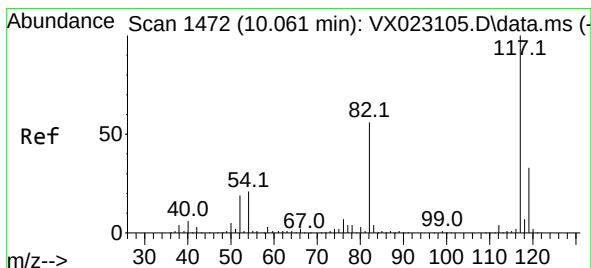
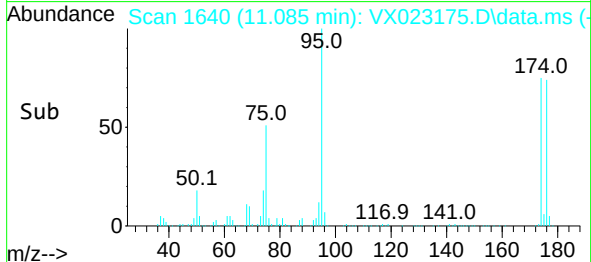
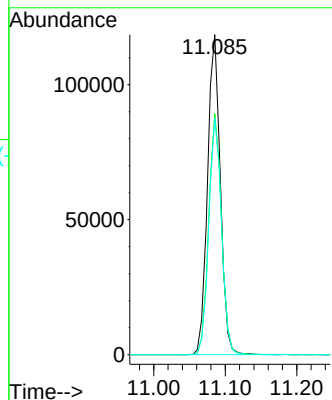
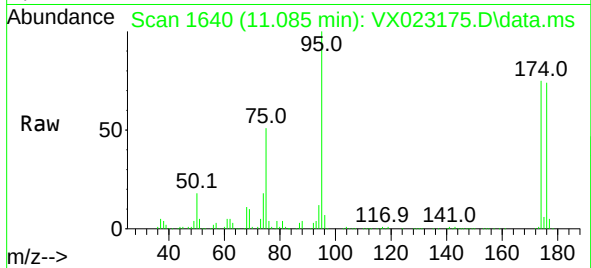




#62
4-Bromofluorobenzene
Concen: 45.481 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023175.D
Acq: 07 Jul 2021 16:15

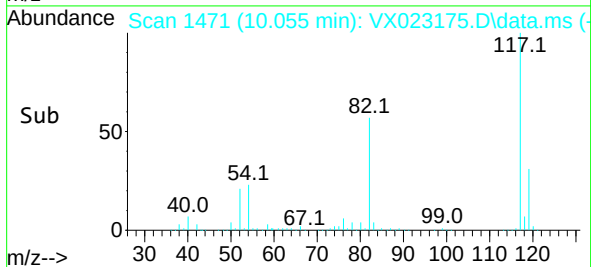
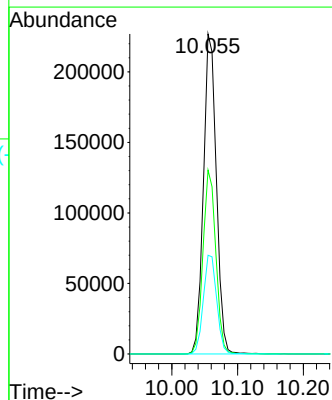
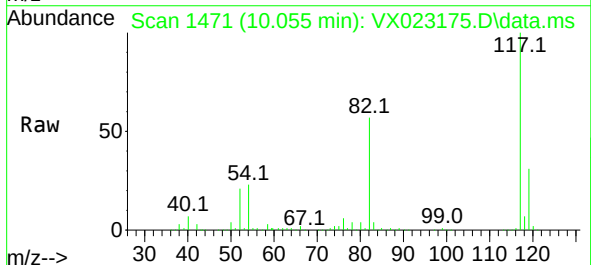
Instrument :
MSVOA_X
ClientSampled :

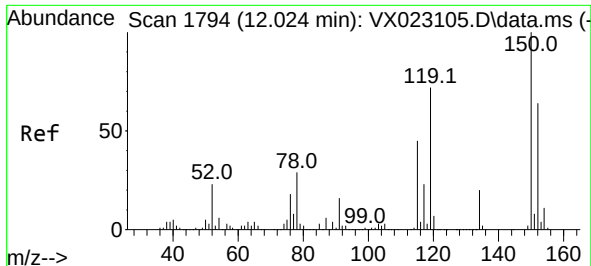
Tgt Ion: 95 Resp: 147565
Ion Ratio Lower Upper
95 100
174 75.5 0.0 154.6
176 73.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023175.D
Acq: 07 Jul 2021 16:15

Tgt Ion: 117 Resp: 309762
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 30.9 26.6 39.8

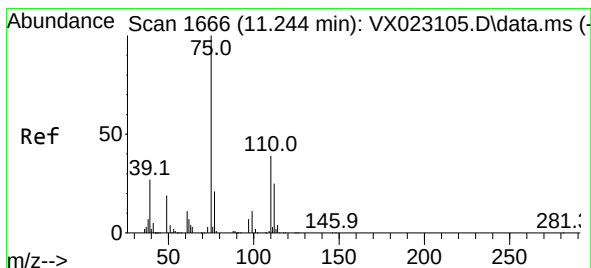
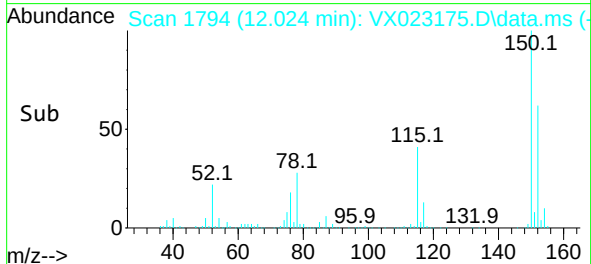
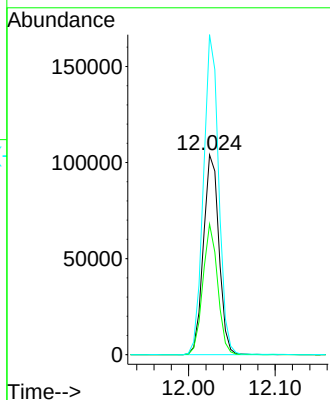
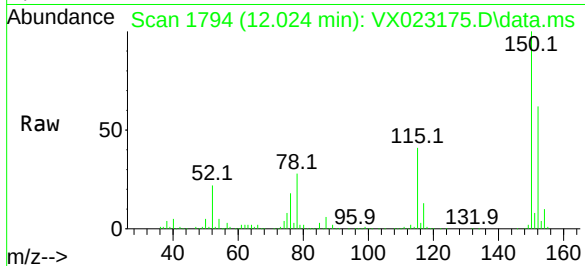




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023175.D
 Acq: 07 Jul 2021 16:15

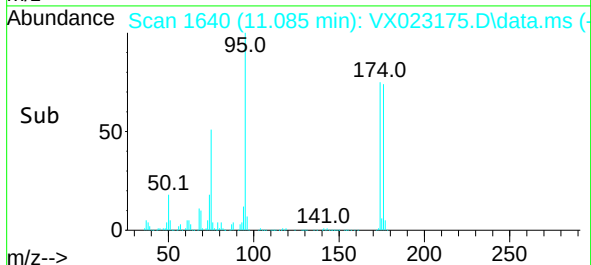
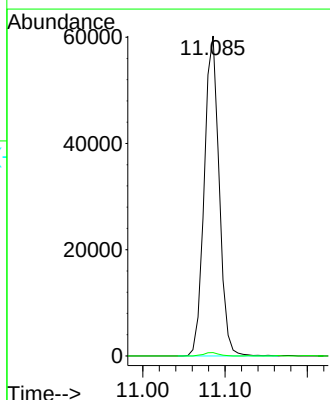
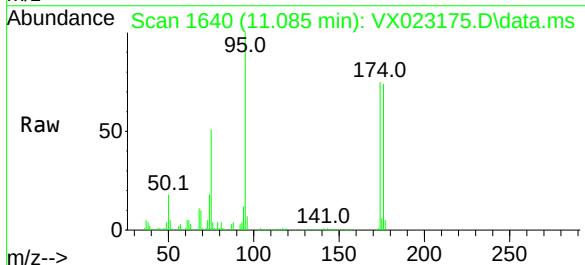
Instrument :
 MSVOA_X
 ClientSampled :

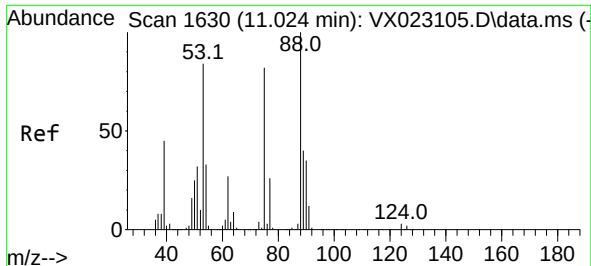
Tgt Ion:152 Resp: 129494
 Ion Ratio Lower Upper
 152 100
 115 62.2 41.1 123.3
 150 157.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 29.098 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023175.D
 Acq: 07 Jul 2021 16:15

Tgt Ion: 75 Resp: 75826
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

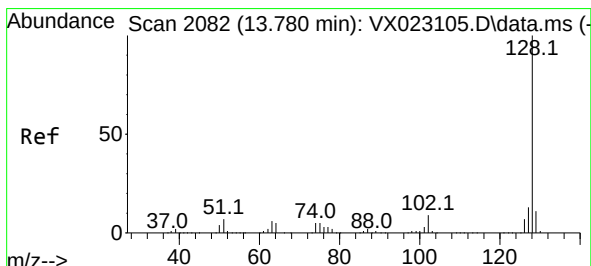
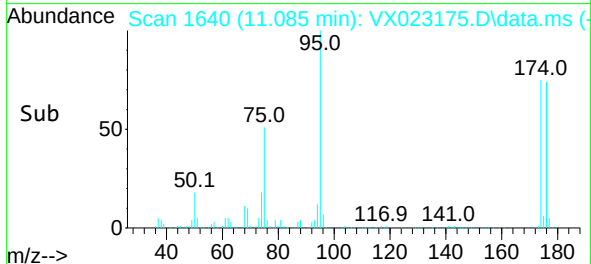
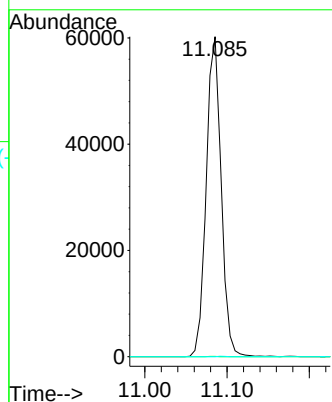
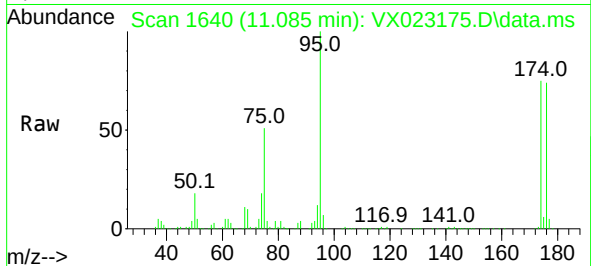




#81
trans-1,4-Dichloro-2-butene
Concen: 78.273 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023175.D
Acq: 07 Jul 2021 16:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 75826
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.282 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023175.D
Acq: 07 Jul 2021 16:15

Tgt Ion: 128 Resp: 67
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

