

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
 Data File : VX021815.D
 Acq On : 22 Apr 2021 14:40
 Operator : JC/MD
 Sample : M2134-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 23 07:42:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

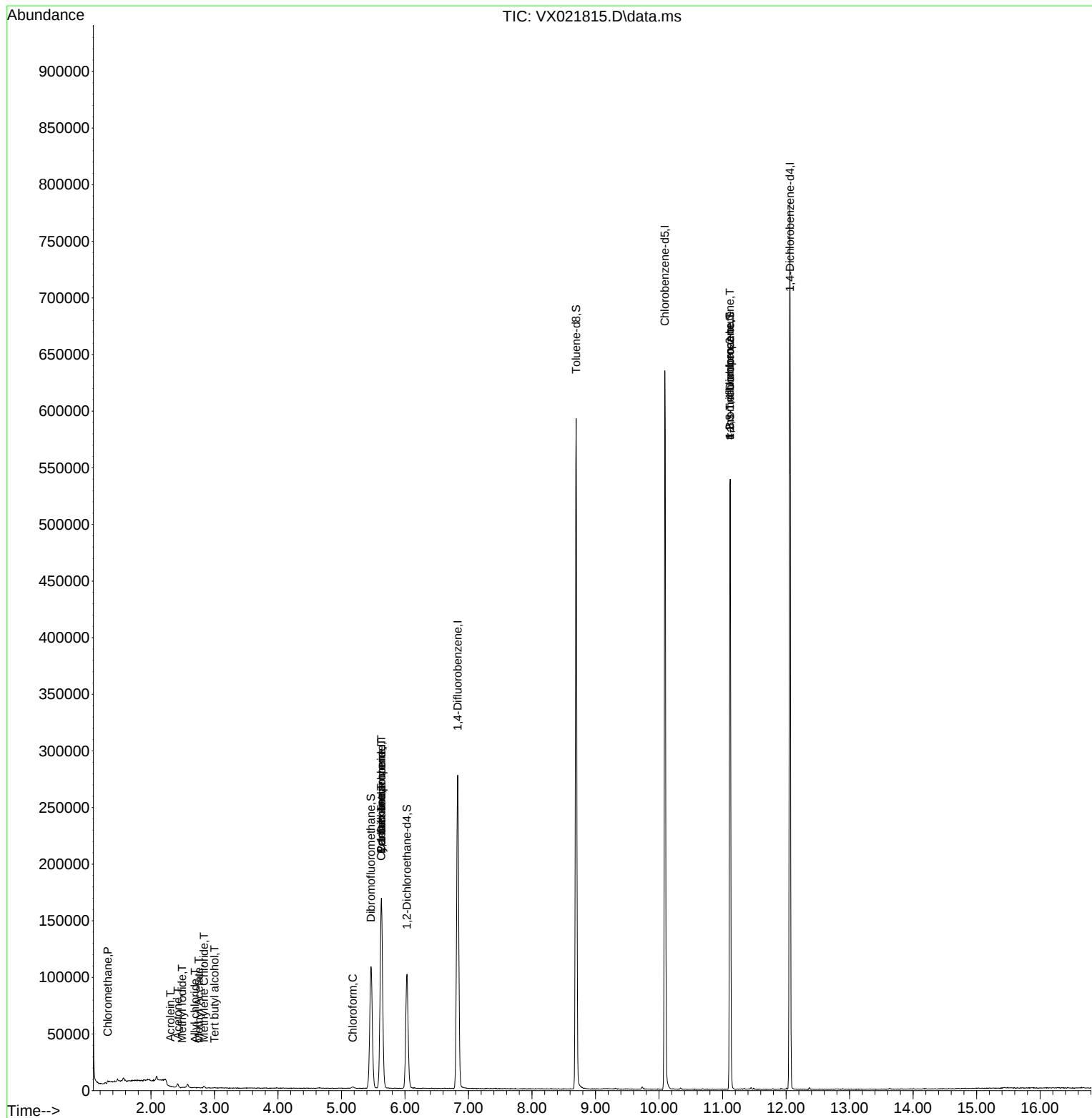
Internal Standards						
1) Pentafluorobenzene	5.629	168	167828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	300304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	317166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	169753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	95809	50.32	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.64%	
35) Dibromofluoromethane	5.464	113	96819	50.41	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.82%	
50) Toluene-d8	8.695	98	370816	50.22	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.44%	
62) 4-Bromofluorobenzene	11.116	95	157852	57.24	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.48%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	797	0.68	ug/l	96
10) Methyl Iodide	2.489	142	50	8.18	ug/l #	42
11) Tert butyl alcohol	3.001	59	113	0.27	ug/l #	1
13) Acrolein	2.306	56	153	0.45	ug/l	100
14) Allyl chloride	2.690	41	653	0.26	ug/l #	33
16) Acetone	2.422	43	3186	4.87	ug/l	93
18) Methyl Acetate	2.751	43	688	0.39	ug/l #	65
20) Methylene Chloride	2.837	84	708	0.36	ug/l	92
30) Chloroform	5.178	83	1690	0.53	ug/l #	83
31) Cyclohexane	5.623	56	2935	1.10	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	11003	4.15	ug/l #	50
38) Carbon Tetrachloride	5.629	117	16079	5.54	ug/l #	17
76) 1,2,3-Trichloropropane	11.116	75	73342	21.79	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	73342	50.10	ug/l #	12

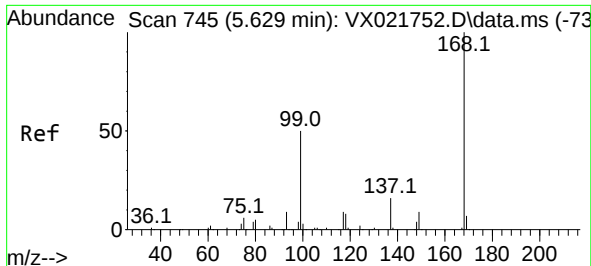
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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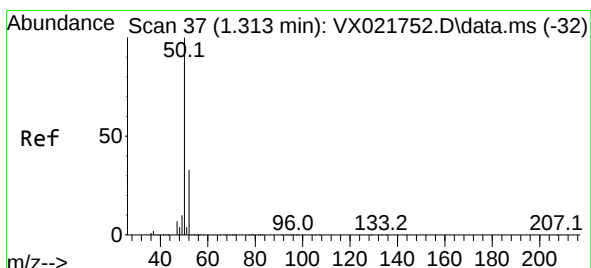
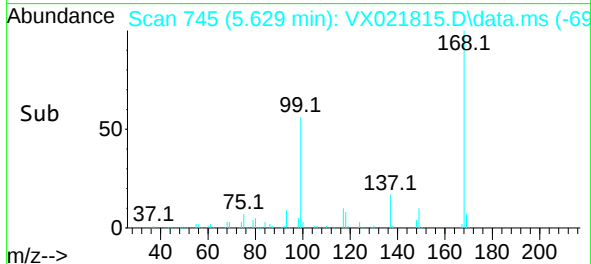
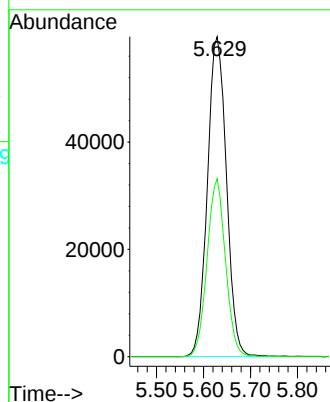
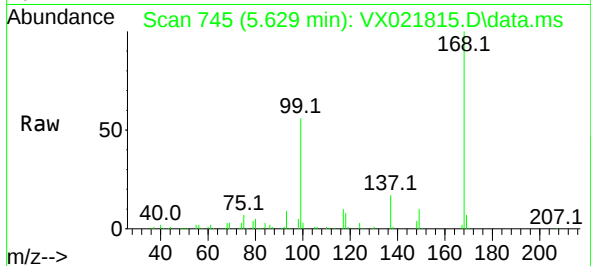




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021815.D
Acq: 22 Apr 2021 14:40

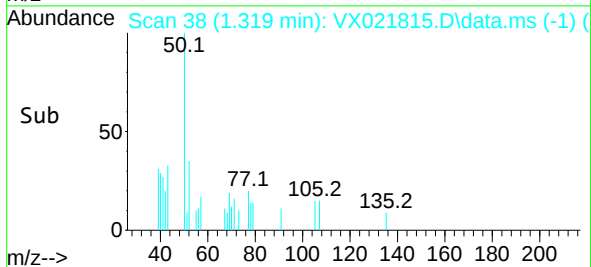
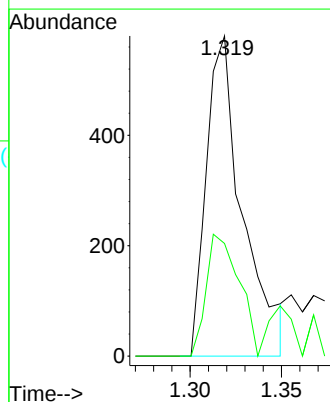
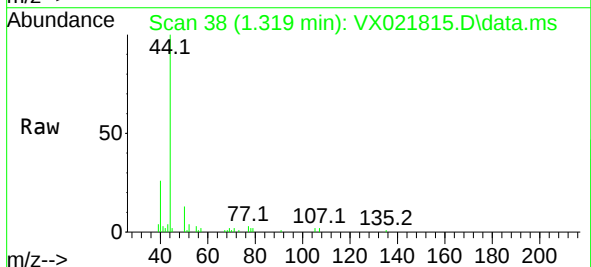
Instrument :
MSVOA_X
ClientSampleId :

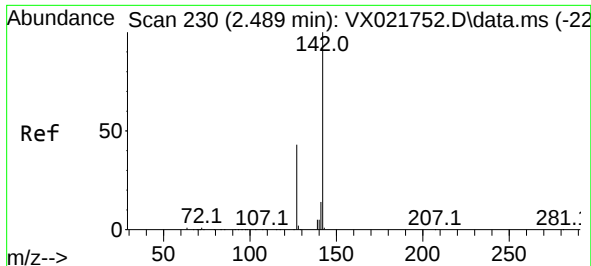
Tgt Ion:168 Resp: 167828
Ion Ratio Lower Upper
168 100
99 55.7 45.8 68.6



#3
Chloromethane
Concen: 0.68 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021815.D
Acq: 22 Apr 2021 14:40

Tgt Ion: 50 Resp: 797
Ion Ratio Lower Upper
50 100
52 35.2 26.4 39.6

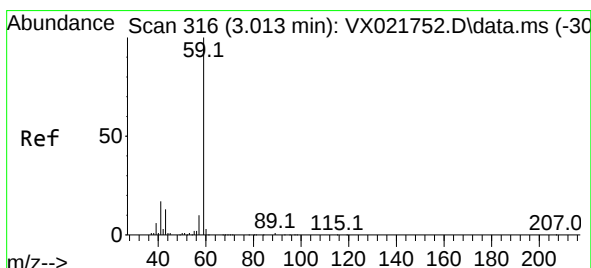
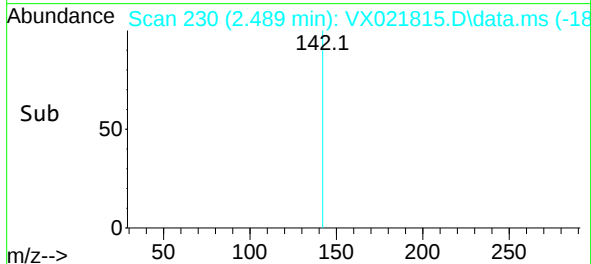
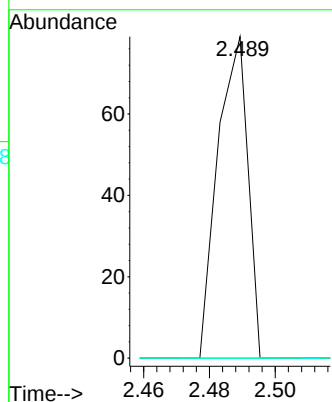
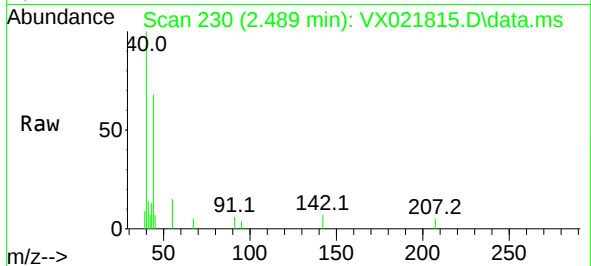




#10
Methyl Iodide
Concen: 8.18 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX021815.D
Acq: 22 Apr 2021 14:40

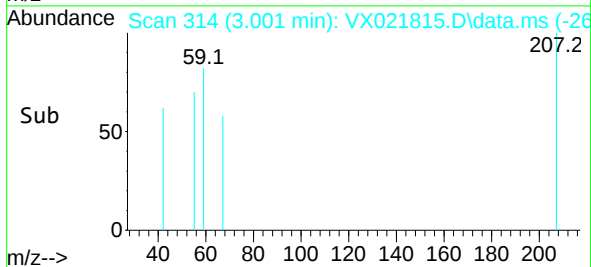
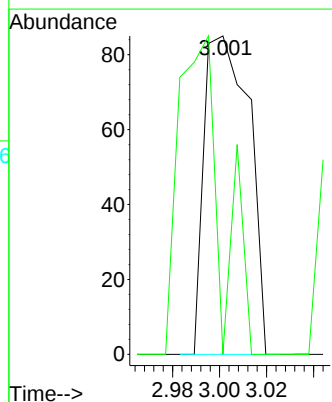
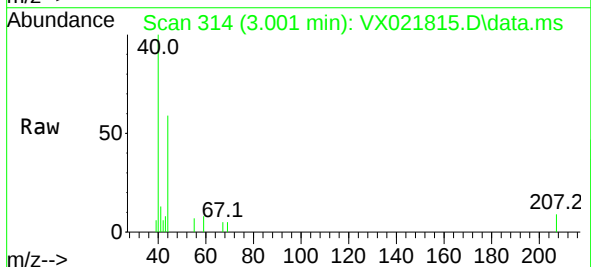
Instrument :
MSVOA_X
ClientSampleId :

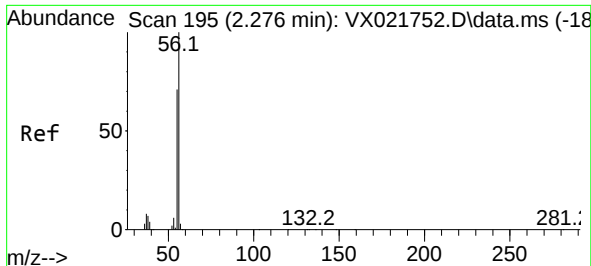
Tgt Ion:142 Resp: 50
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.27 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.012 min
Lab File: VX021815.D
Acq: 22 Apr 2021 14:40

Tgt Ion: 59 Resp: 113
Ion Ratio Lower Upper
59 100
57 94.7 7.8 11.8#

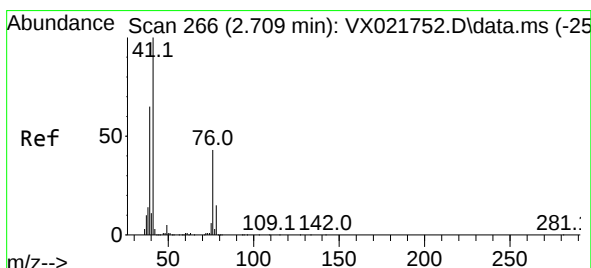
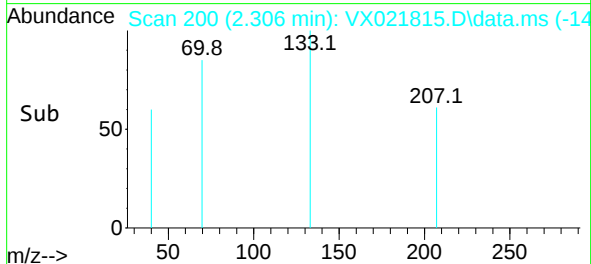
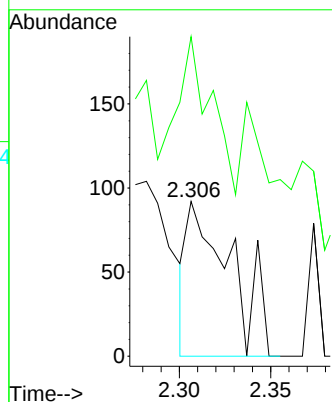
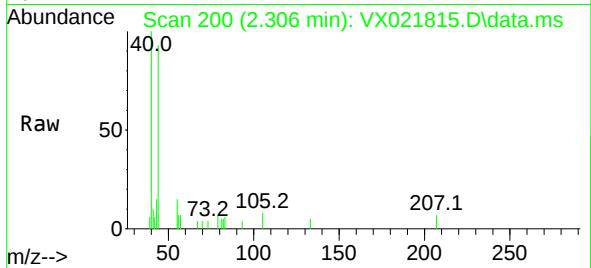




#13
Acrolein
Concen: 0.45 ug/l
RT: 2.306 min Scan# 200
Delta R.T. 0.030 min
Lab File: VX021815.D
Acq: 22 Apr 2021 14:40

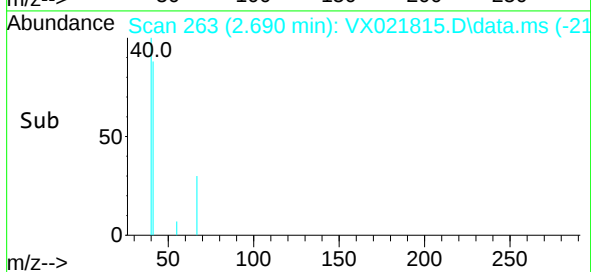
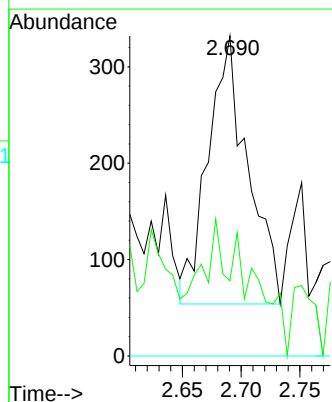
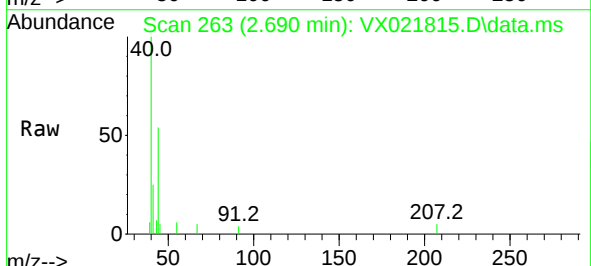
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 56 Resp: 153
Ion Ratio Lower Upper
56 100
55 70.6 56.4 84.6



#14
Allyl chloride
Concen: 0.26 ug/l
RT: 2.690 min Scan# 263
Delta R.T. -0.019 min
Lab File: VX021815.D
Acq: 22 Apr 2021 14:40

Tgt Ion: 41 Resp: 653
Ion Ratio Lower Upper
41 100
39 9.8 51.6 77.4#
76 0.0 30.5 45.7#

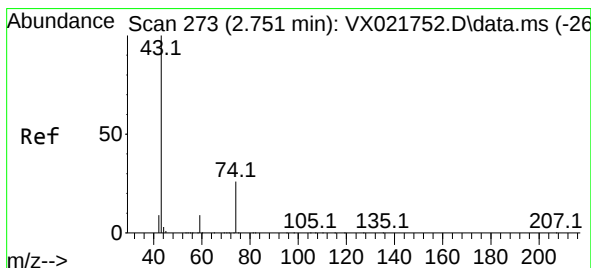
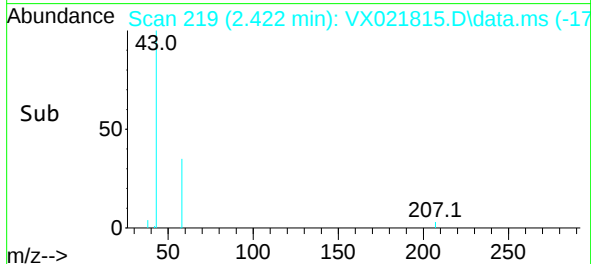
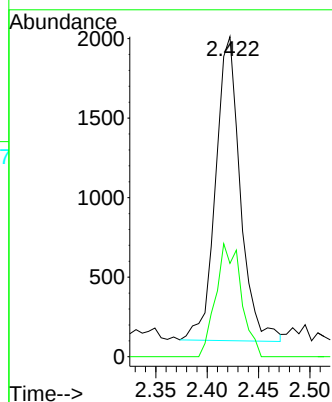
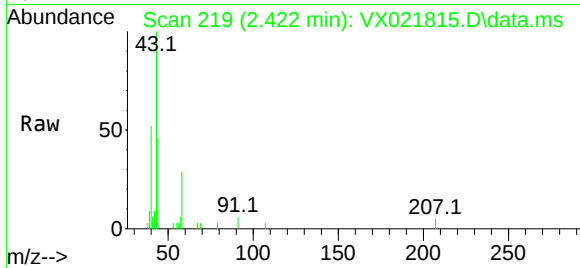




#16
Acetone
Concen: 4.87 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021815.D
Acq: 22 Apr 2021 14:40

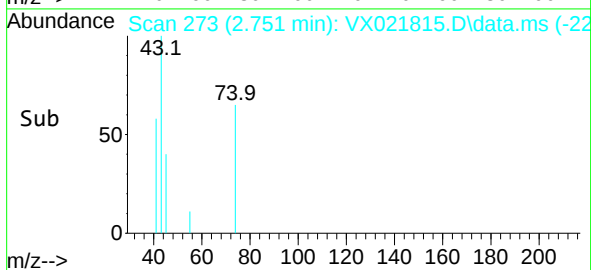
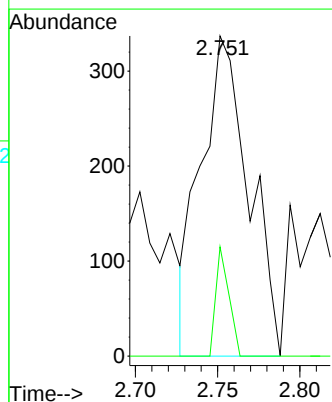
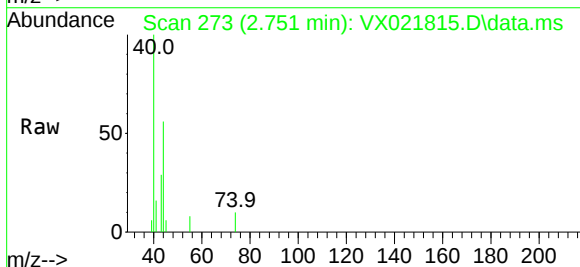
Instrument :
MSVOA_X
ClientSampleId :

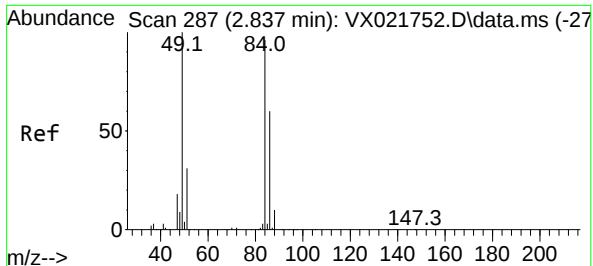
Tgt Ion: 43 Resp: 3186
Ion Ratio Lower Upper
43 100
58 30.8 27.8 41.8



#18
Methyl Acetate
Concen: 0.39 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.000 min
Lab File: VX021815.D
Acq: 22 Apr 2021 14:40

Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
74 9.2 21.9 32.9#





#20

Methylene Chloride

Concen: 0.36 ug/l

RT: 2.837 min Scan# 287

Delta R.T. -0.000 min

Lab File: VX021815.D

Acq: 22 Apr 2021 14:40

Tgt Ion: 84 Resp: 708

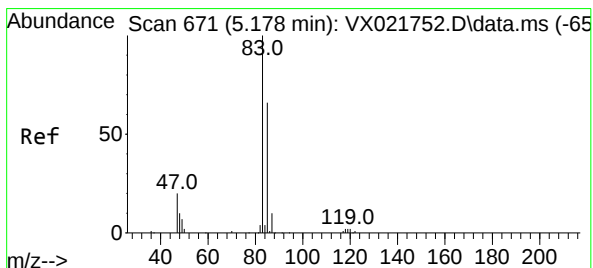
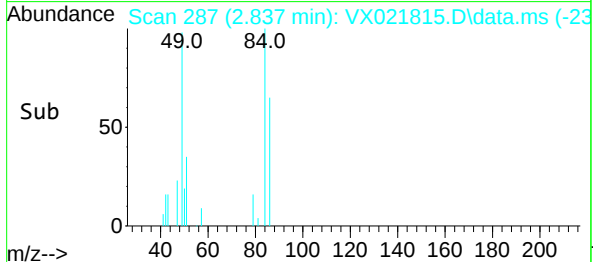
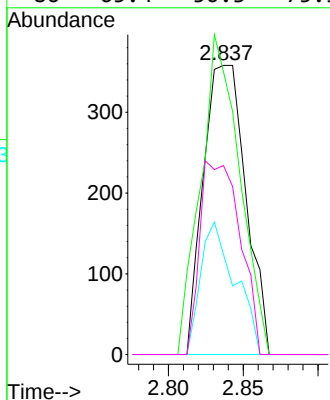
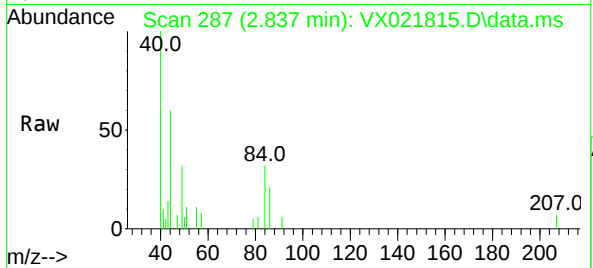
Ion Ratio Lower Upper

84 100

49 97.8 88.6 132.8

51 34.6 27.0 40.6

86 65.4 50.3 75.5



#30

Chloroform

Concen: 0.53 ug/l

RT: 5.178 min Scan# 671

Delta R.T. -0.000 min

Lab File: VX021815.D

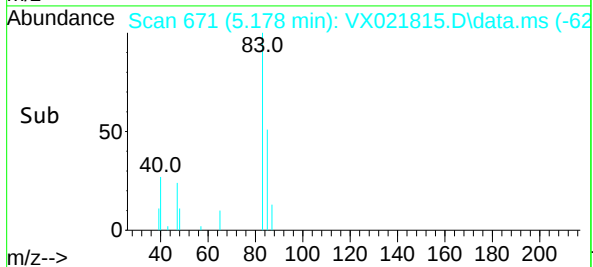
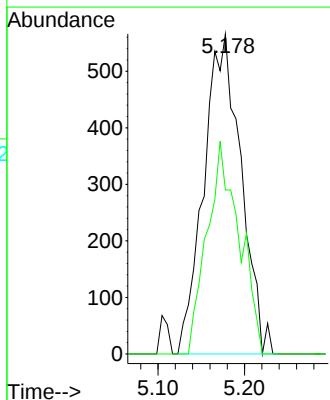
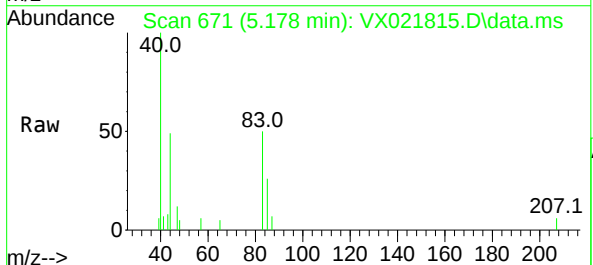
Acq: 22 Apr 2021 14:40

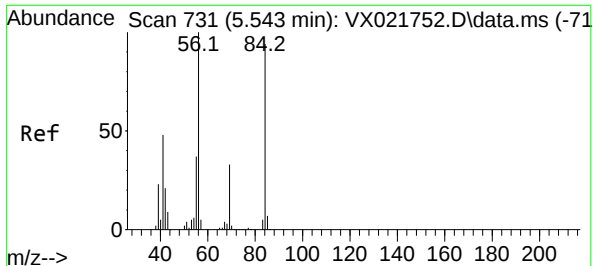
Tgt Ion: 83 Resp: 1690

Ion Ratio Lower Upper

83 100

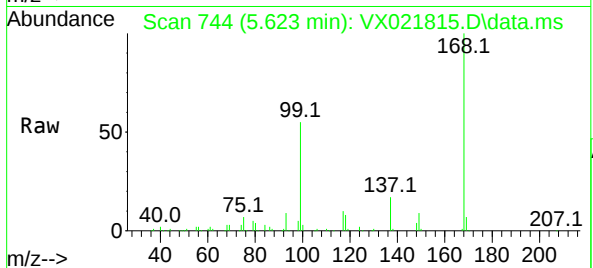
85 51.2 52.0 78.0#



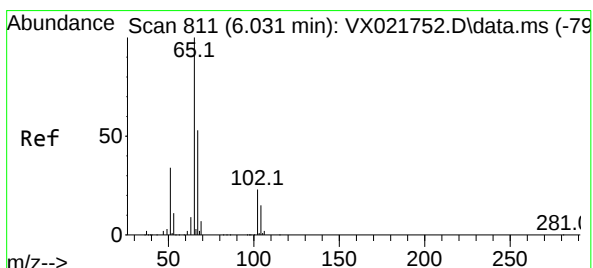
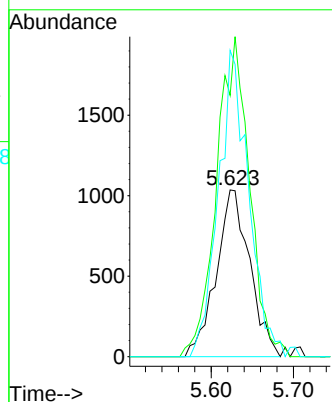
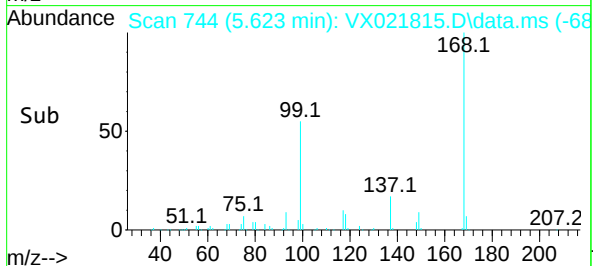


#31
Cyclohexane
Concen: 1.10 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.080 min
Lab File: VX021815.D
Acq: 22 Apr 2021 14:40

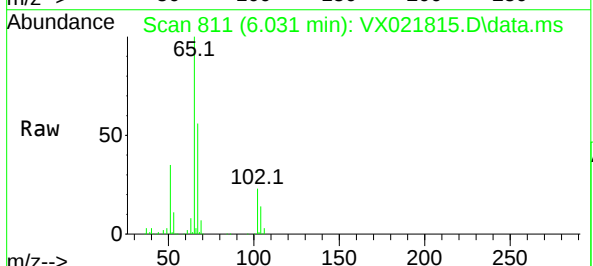
Instrument :
MSVOA_X
ClientSampled :



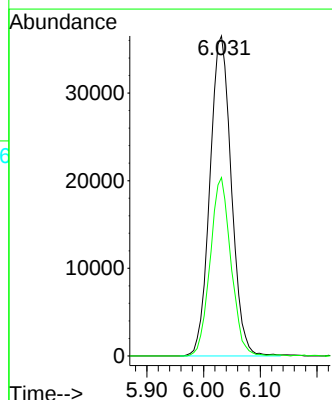
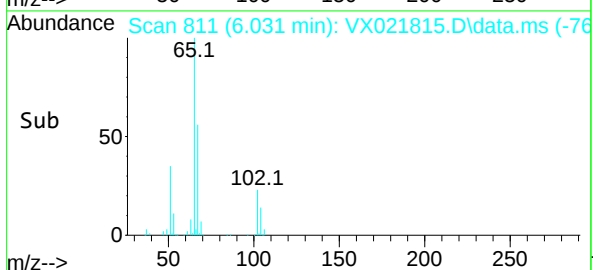
Tgt Ion: 56 Resp: 2935
Ion Ratio Lower Upper
56 100
69 156.7 25.3 37.9#
84 183.7 71.4 107.0#

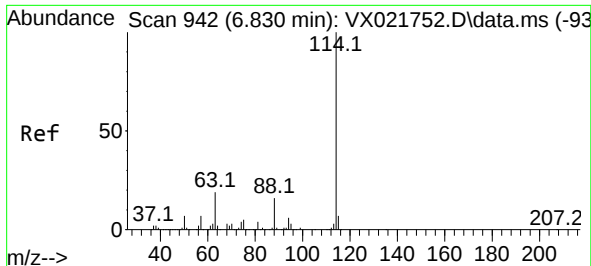


#33
1,2-Dichloroethane-d4
Concen: 50.32 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021815.D
Acq: 22 Apr 2021 14:40



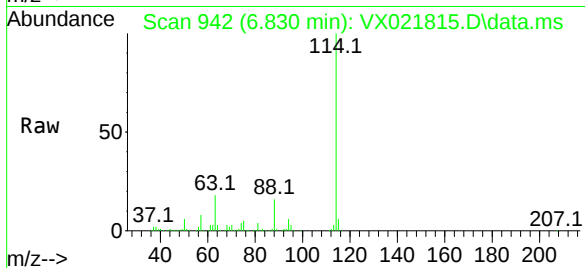
Tgt Ion: 65 Resp: 95809
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.4



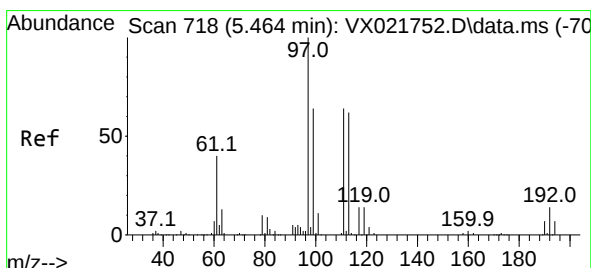
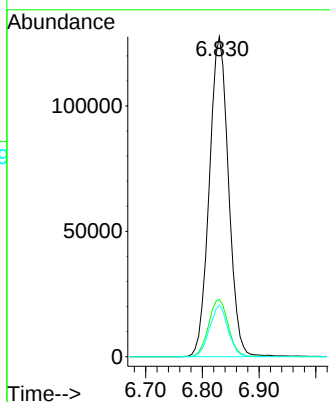
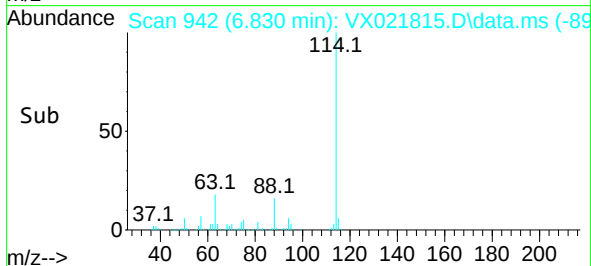


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021815.D
Acq: 22 Apr 2021 14:40

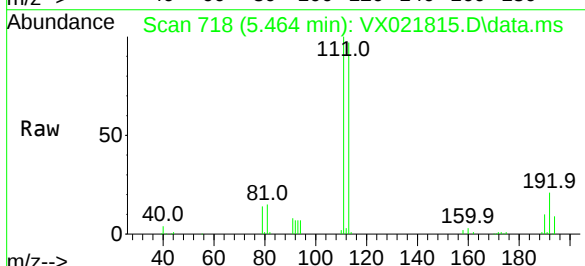
Instrument :
MSVOA_X
ClientSampleId :



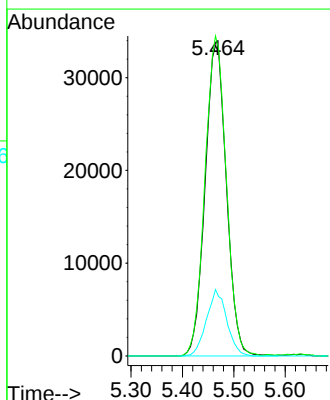
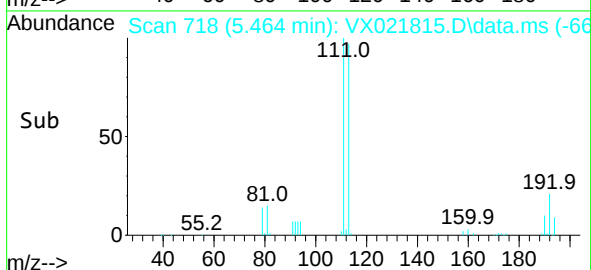
Tgt Ion:114 Resp: 300304
Ion Ratio Lower Upper
114 100
63 17.9 0.0 40.8
88 16.1 0.0 32.8

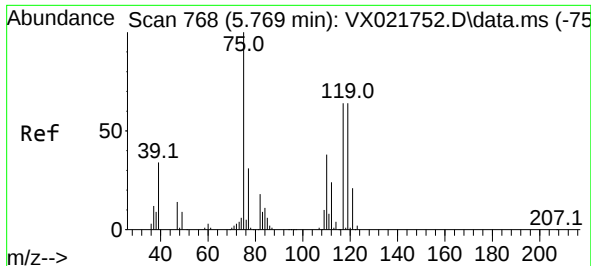


#35
Dibromofluoromethane
Concen: 50.41 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021815.D
Acq: 22 Apr 2021 14:40



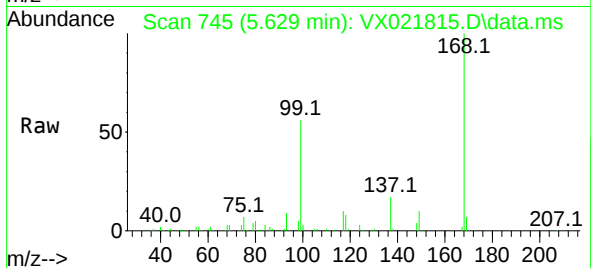
Tgt Ion:113 Resp: 96819
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 20.2 16.7 25.1



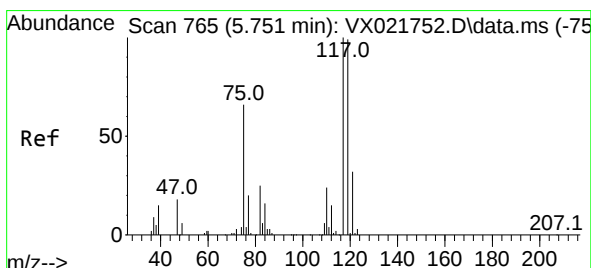
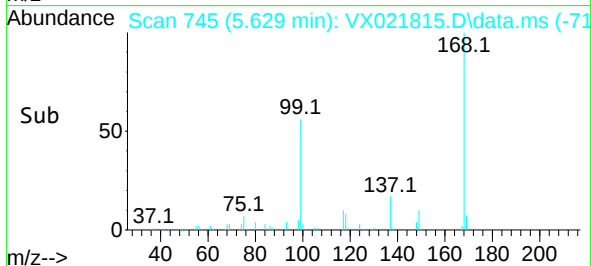
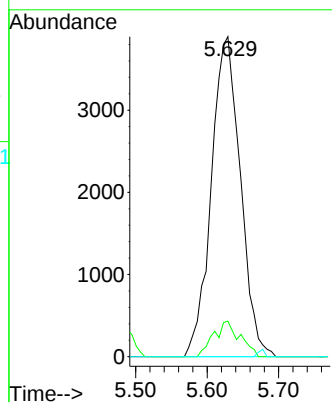


#36
1,1-Dichloropropene
Concen: 4.15 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021815.D
Acq: 22 Apr 2021 14:40

Instrument :
MSVOA_X
ClientSampleId :

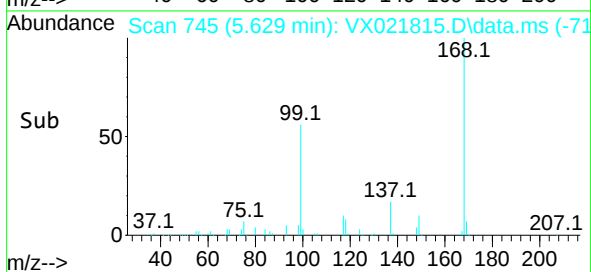
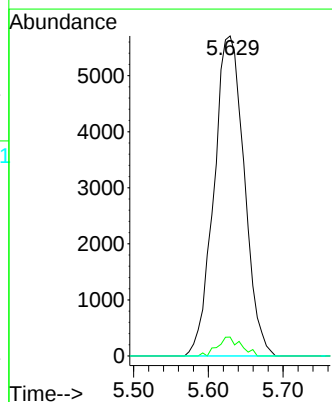
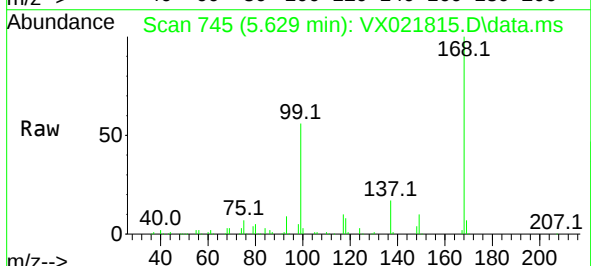


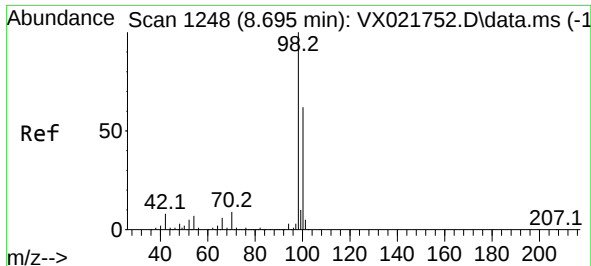
Tgt Ion: 75 Resp: 11003
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.54 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021815.D
Acq: 22 Apr 2021 14:40

Tgt Ion: 117 Resp: 16079
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#

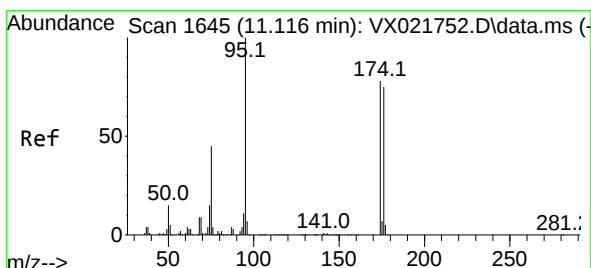
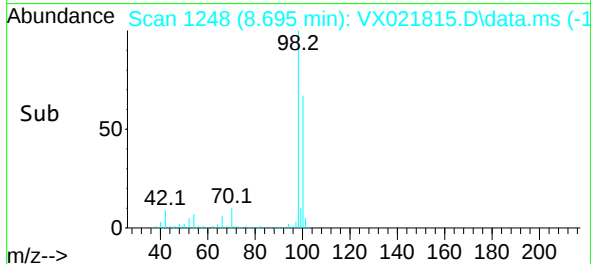
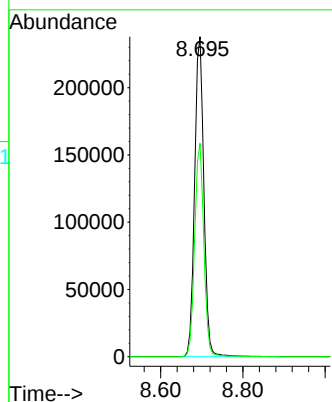
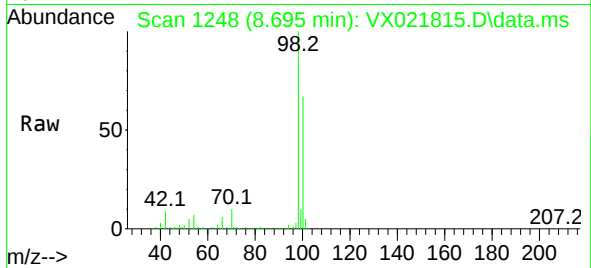




#50
Toluene-d8
Concen: 50.22 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021815.D
Acq: 22 Apr 2021 14:40

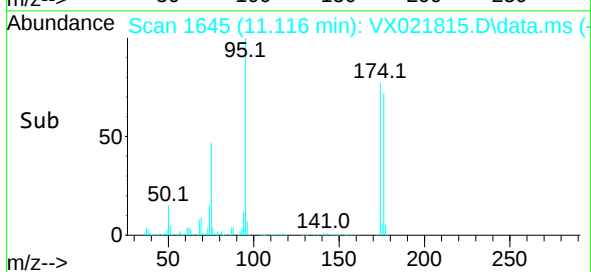
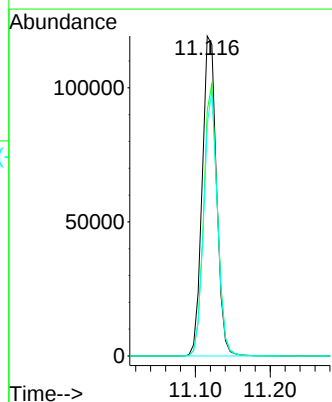
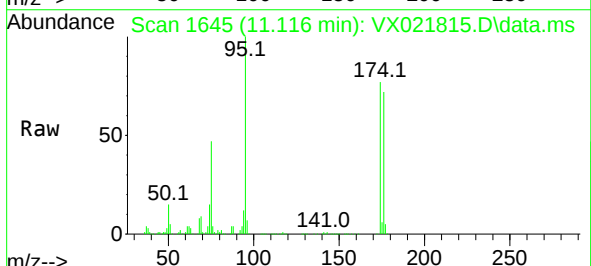
Instrument :
MSVOA_X
ClientSampled :

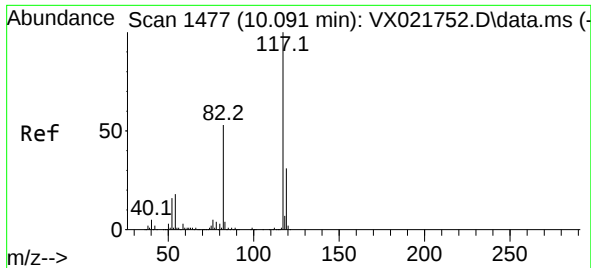
Tgt Ion: 98 Resp: 370816
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 57.24 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021815.D
Acq: 22 Apr 2021 14:40

Tgt Ion: 95 Resp: 157852
Ion Ratio Lower Upper
95 100
174 82.0 0.0 154.6
176 79.2 0.0 155.8

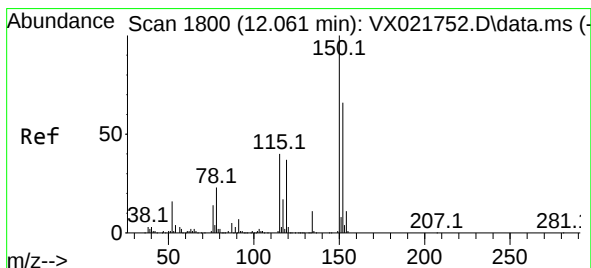
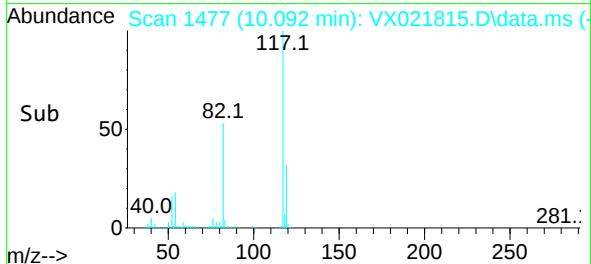
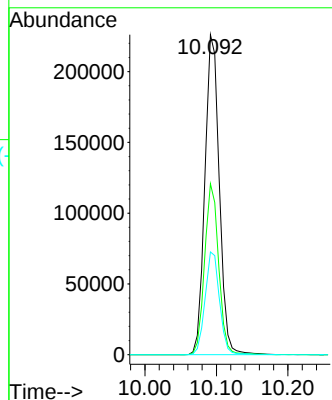
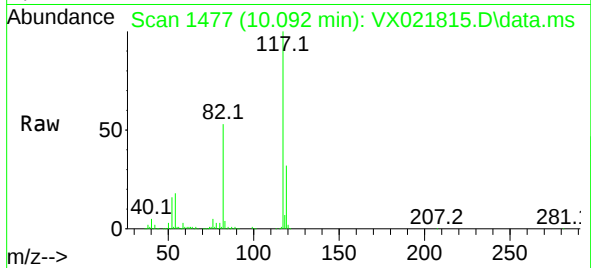




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021815.D
Acq: 22 Apr 2021 14:40

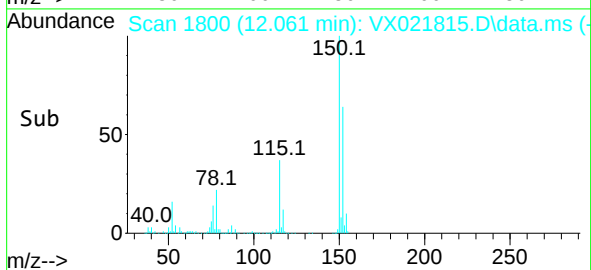
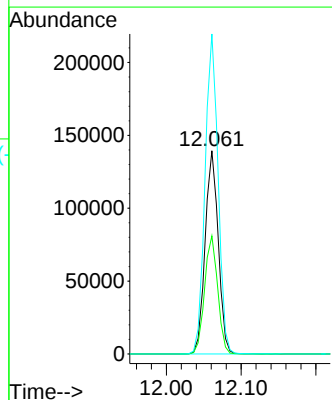
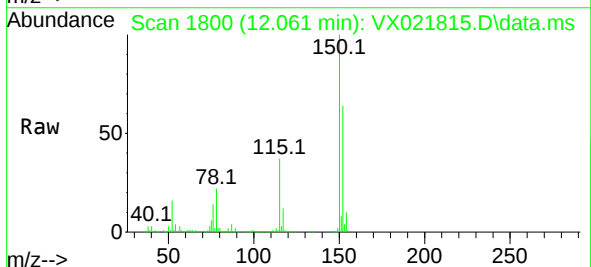
Instrument :
MSVOA_X
ClientSampleId :

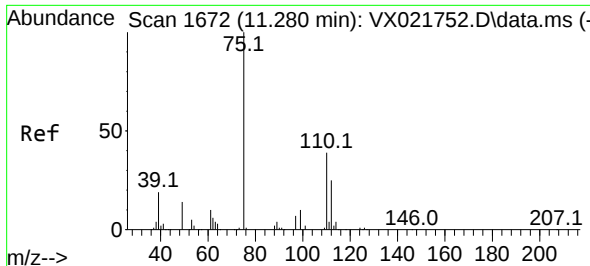
Tgt Ion:117 Resp: 317166
Ion Ratio Lower Upper
117 100
82 53.4 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021815.D
Acq: 22 Apr 2021 14:40

Tgt Ion:152 Resp: 169753
Ion Ratio Lower Upper
152 100
115 57.9 41.1 123.3
150 156.6 0.0 349.0

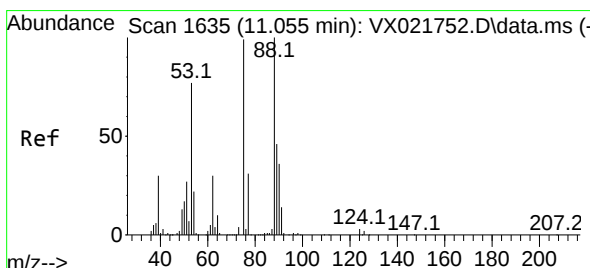
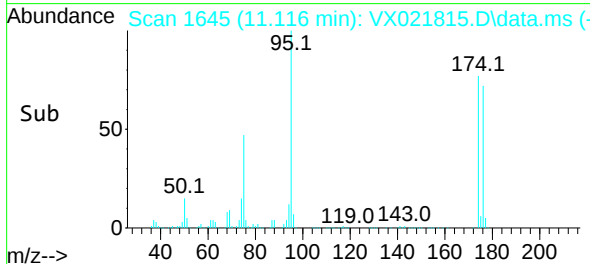
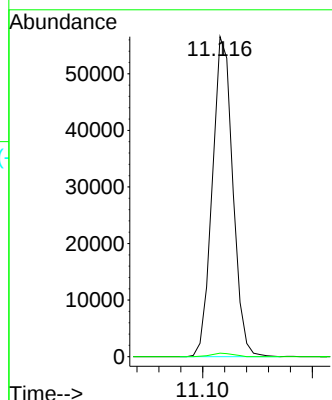
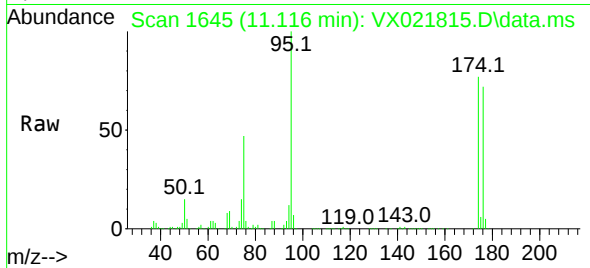




#76
1,2,3-Trichloropropane
Concen: 21.79 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021815.D
Acq: 22 Apr 2021 14:40

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 73342
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.10 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021815.D
Acq: 22 Apr 2021 14:40

Tgt Ion: 75 Resp: 73342
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

