

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031021\
 Data File : VX021136.D
 Acq On : 10 Mar 2021 14:57
 Operator : JC/MD
 Sample : M1628-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 11 02:12:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

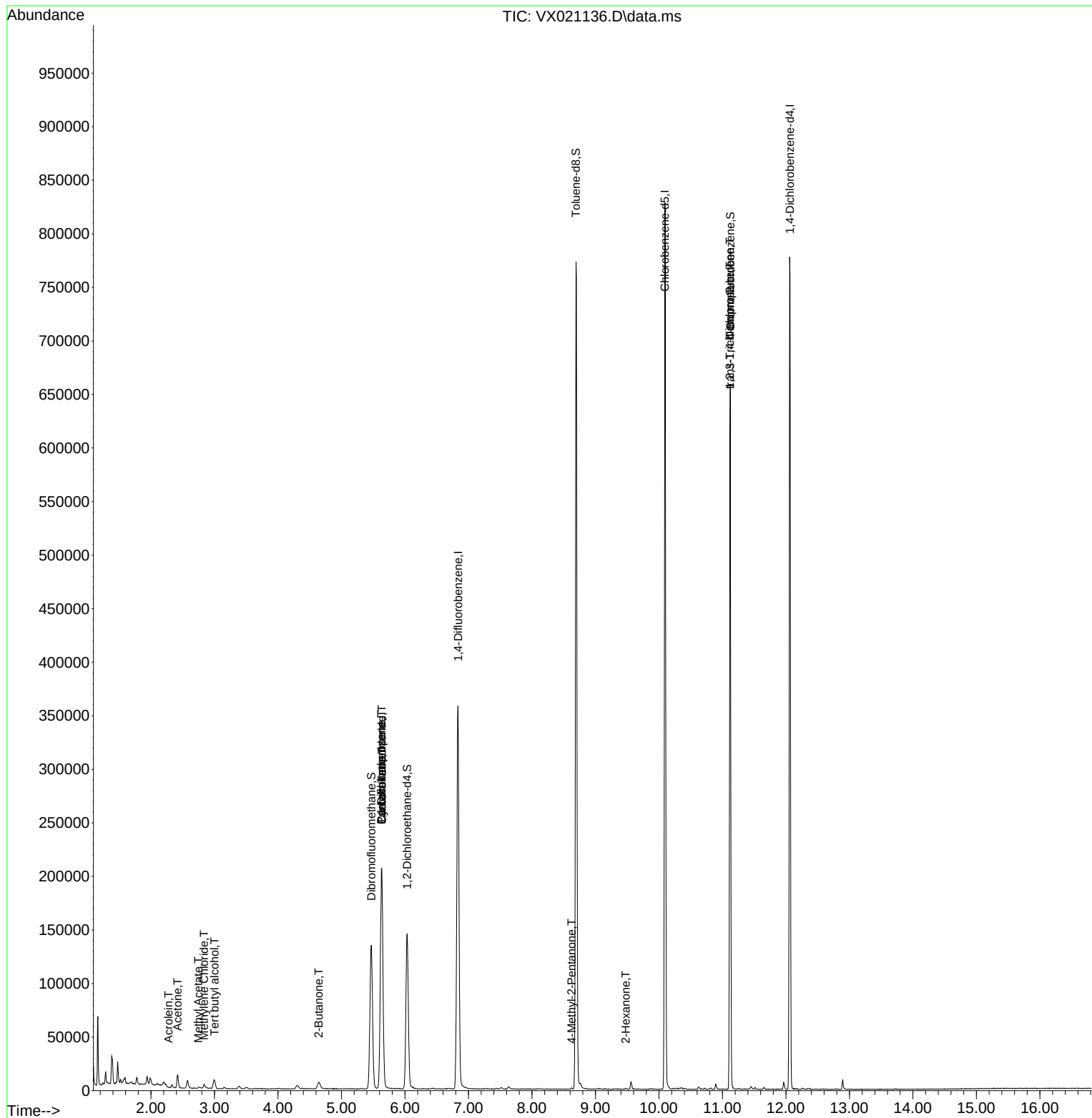
Internal Standards						
1) Pentafluorobenzene	5.629	168	203413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	384557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	381240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	171527	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	138730	50.49	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.98%			
35) Dibromofluoromethane	5.470	113	119088	50.97	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.94%			
50) Toluene-d8	8.694	98	480586	52.75	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.50%			
62) 4-Bromofluorobenzene	11.123	95	179377	53.25	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.50%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.640	94	391	Below Cal	#	72
11) Tert butyl alcohol	2.999	59	5084	8.31	ug/l #	78
13) Acrolein	2.275	56	126	0.33	ug/l #	14
16) Acetone	2.416	43	13016	11.50	ug/l	94
18) Methyl Acetate	2.746	43	688	0.26	ug/l #	83
20) Methylene Chloride	2.834	84	1689	0.62	ug/l	94
25) 2-Butanone	4.640	43	4256	2.47	ug/l #	89
31) Cyclohexane	5.635	56	4133	1.04	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	16002	4.38	ug/l #	48
38) Carbon Tetrachloride	5.635	117	20032	5.66	ug/l #	16
51) 4-Methyl-2-Pentanone	8.623	43	782	0.23	ug/l #	85
59) 2-Hexanone	9.476	43	648	0.25	ug/l	73
76) 1,2,3-Trichloropropane	11.118	75	87145	23.62	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	87145	52.29	ug/l #	12

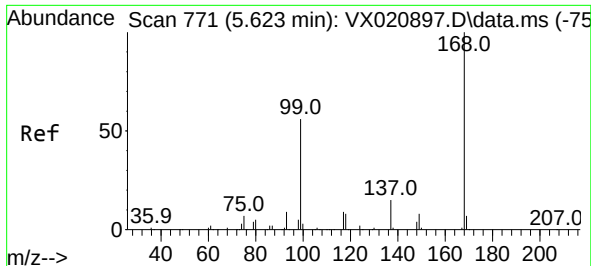
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031021\
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Quant Time: Mar 11 02:12:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

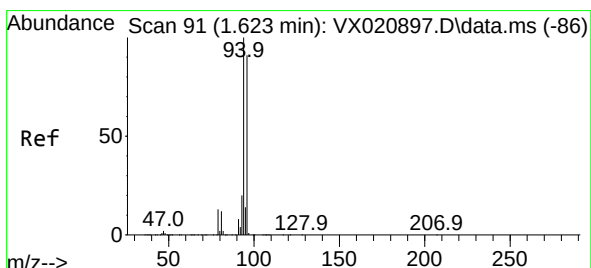
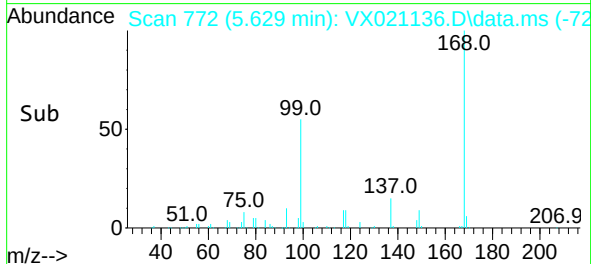
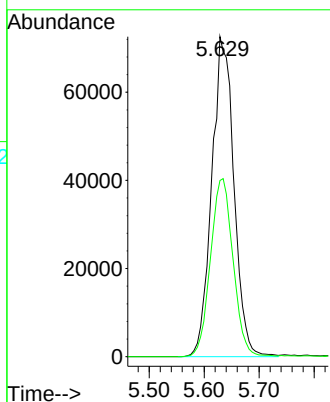
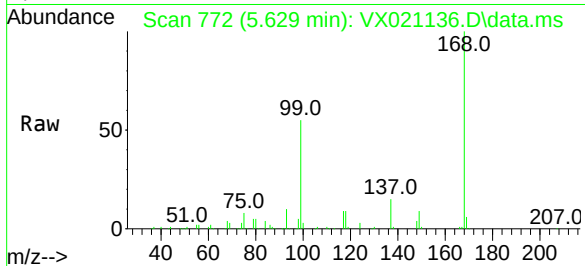




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021136.D
Acq: 10 Mar 2021 14:57

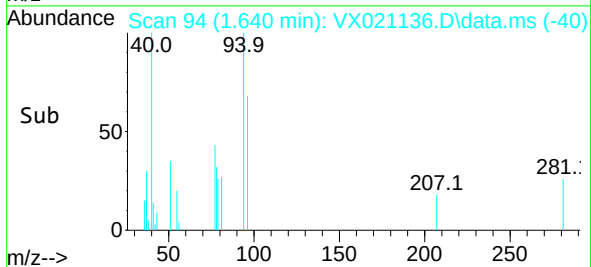
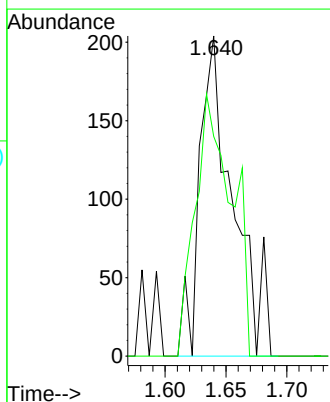
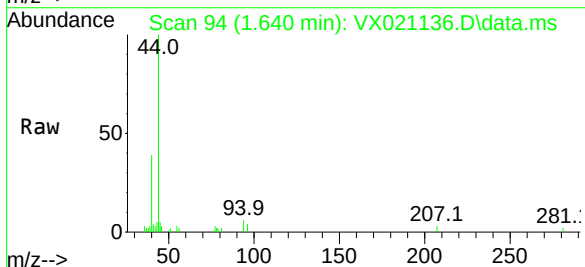
Instrument :
MSVOA_X
ClientSampleId :

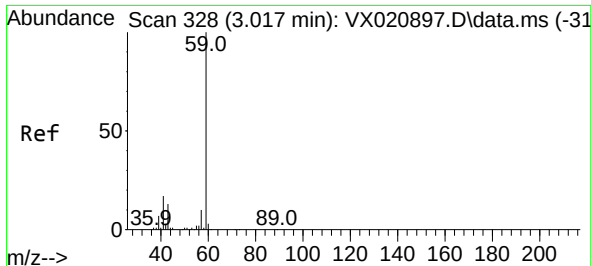
Tgt Ion:168 Resp: 203413
Ion Ratio Lower Upper
168 100
99 55.1 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021136.D
Acq: 10 Mar 2021 14:57

Tgt Ion: 94 Resp: 391
Ion Ratio Lower Upper
94 100
96 68.6 76.4 114.6#

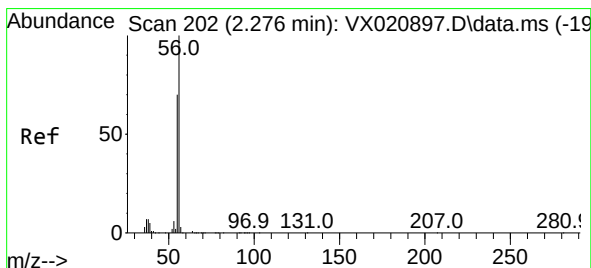
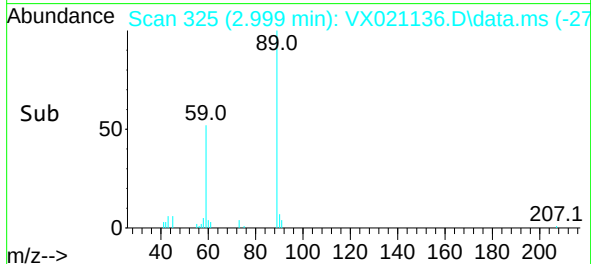
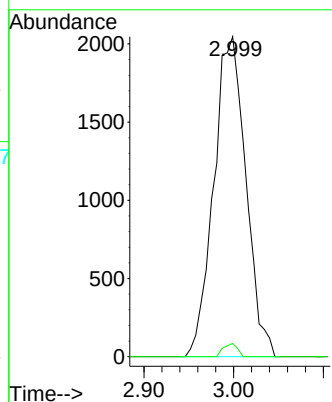
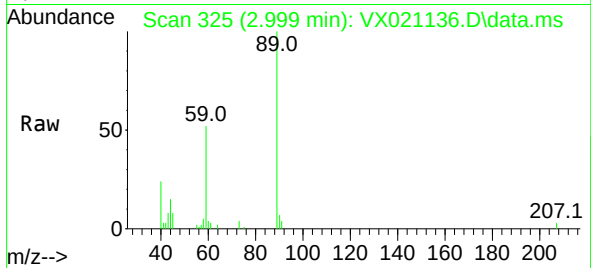




#11
Tert butyl alcohol
Concen: 8.31 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021136.D
Acq: 10 Mar 2021 14:57

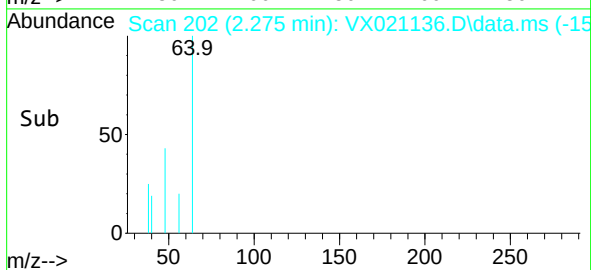
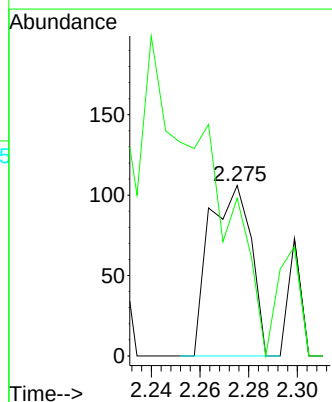
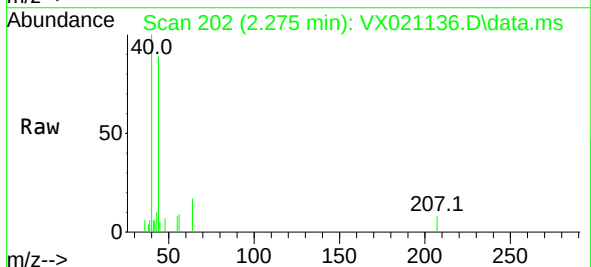
Instrument :
MSVOA_X
ClientSampled :

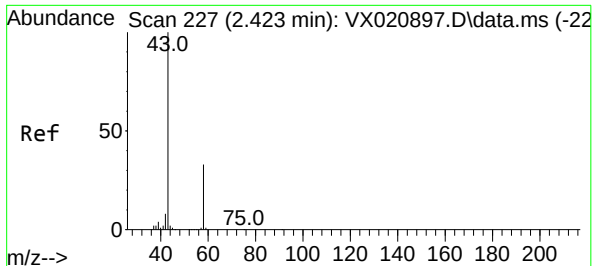
Tgt Ion: 59 Resp: 5084
Ion Ratio Lower Upper
59 100
57 1.8 7.8 11.8#



#13
Acrolein
Concen: 0.33 ug/l
RT: 2.275 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021136.D
Acq: 10 Mar 2021 14:57

Tgt Ion: 56 Resp: 126
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

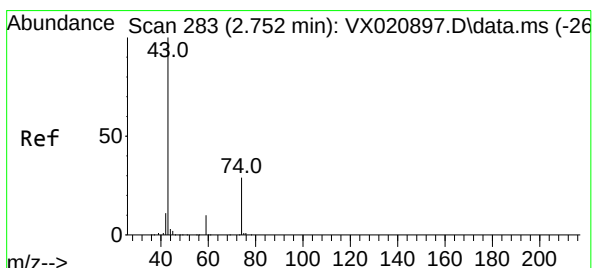
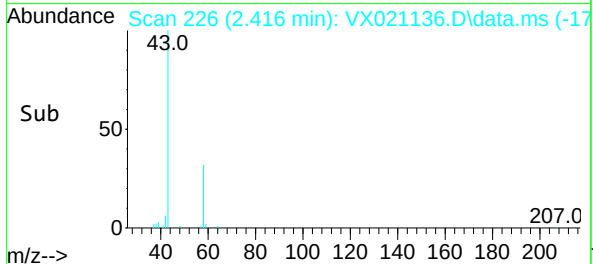
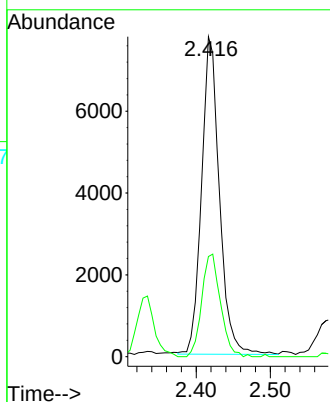
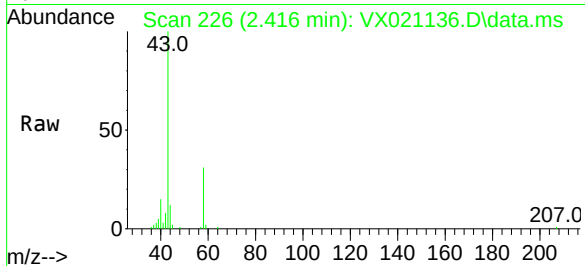




#16
Acetone
Concen: 11.50 ug/l
RT: 2.416 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021136.D
Acq: 10 Mar 2021 14:57

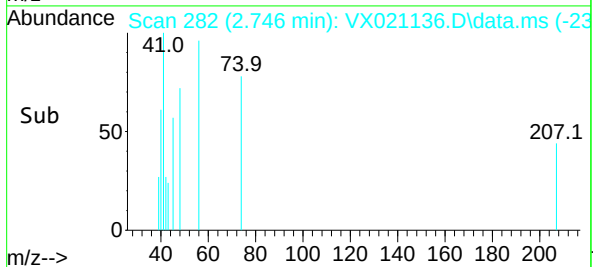
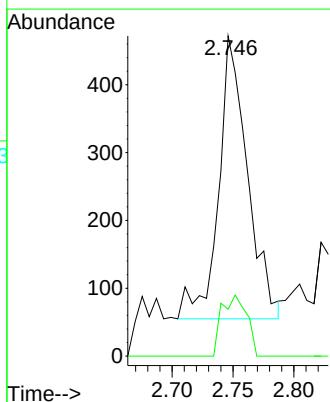
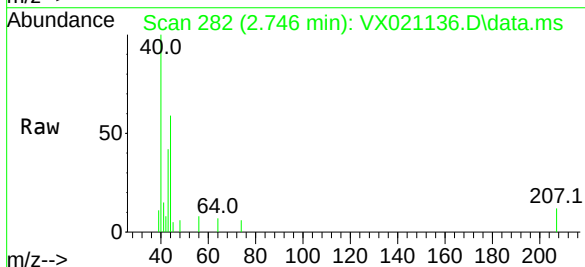
Instrument :
MSVOA_X
ClientSampled :

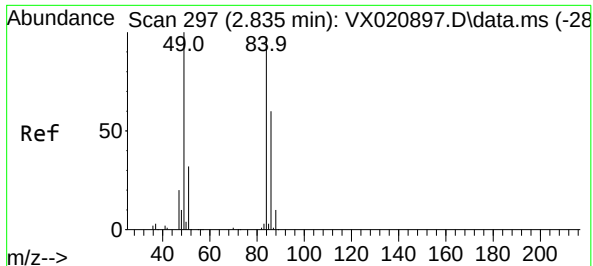
Tgt Ion: 43 Resp: 13016
Ion Ratio Lower Upper
43 100
58 31.5 27.8 41.8



#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021136.D
Acq: 10 Mar 2021 14:57

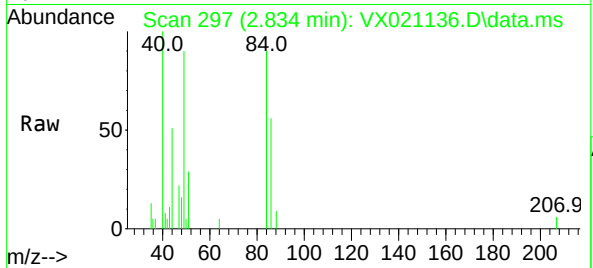
Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
74 18.8 21.9 32.9#



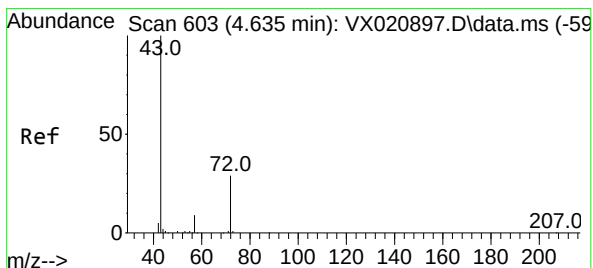
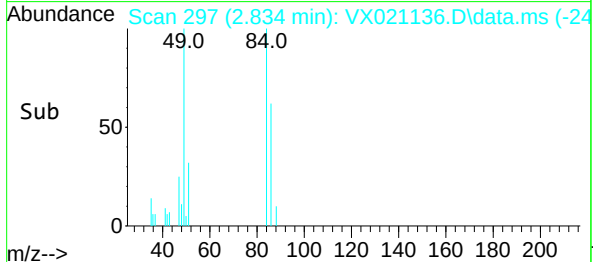
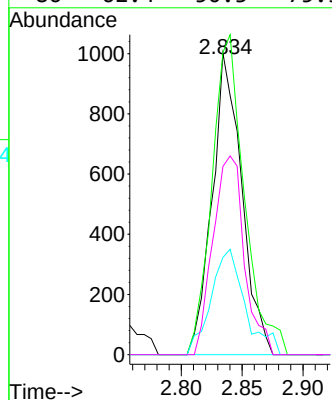


#20
Methylene Chloride
Concen: 0.62 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021136.D
Acq: 10 Mar 2021 14:57

Instrument :
MSVOA_X
ClientSampled :

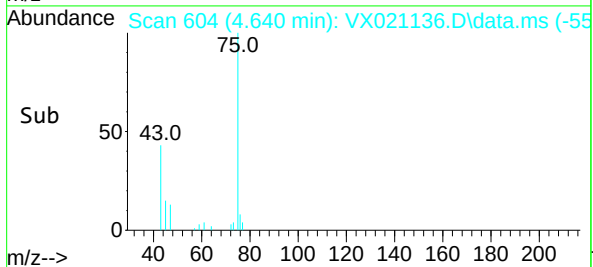
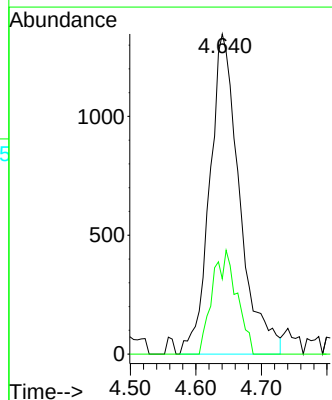
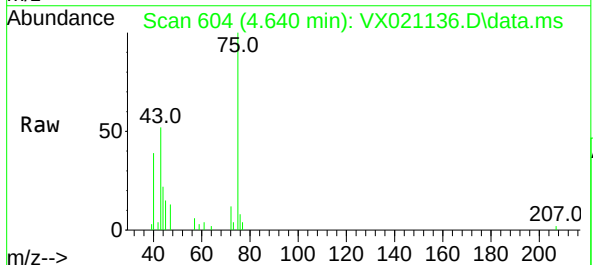


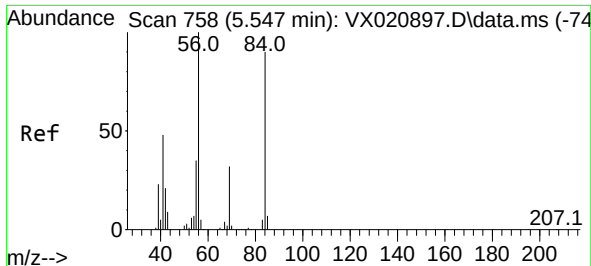
Tgt Ion: 84	Resp: 1689
Ion Ratio	Lower Upper
84 100	
49 100.2	88.6 132.8
51 32.2	27.0 40.6
86 62.4	50.3 75.5



#25
2-Butanone
Concen: 2.47 ug/l
RT: 4.640 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021136.D
Acq: 10 Mar 2021 14:57

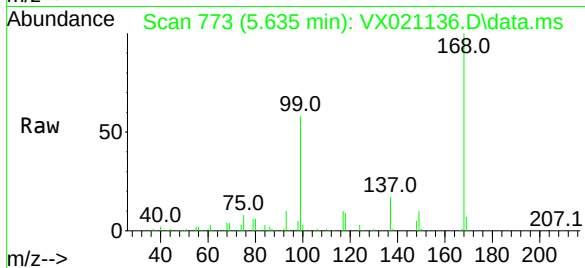
Tgt Ion: 43	Resp: 4256
Ion Ratio	Lower Upper
43 100	
72 23.5	23.7 35.5#



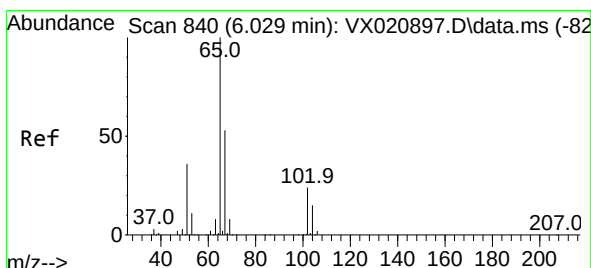
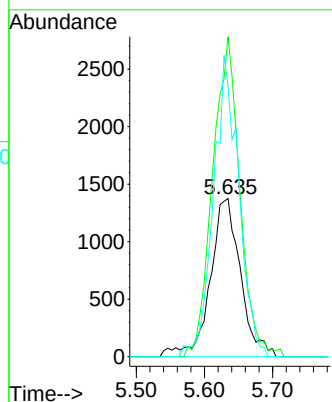
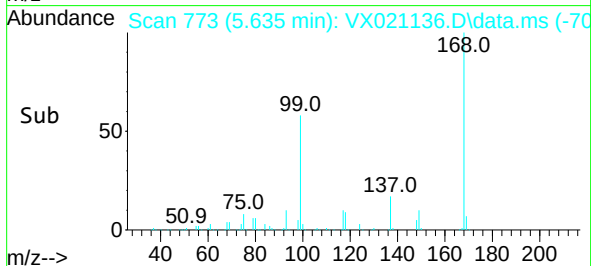


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021136.D
Acq: 10 Mar 2021 14:57

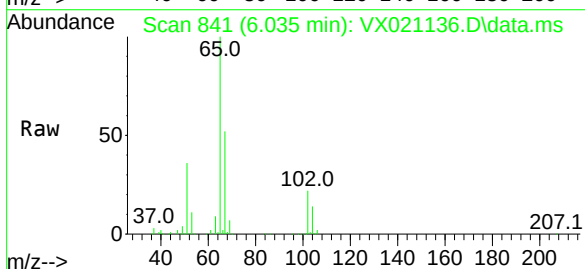
Instrument :
MSVOA_X
ClientSampled :



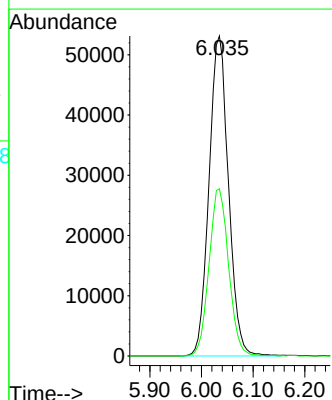
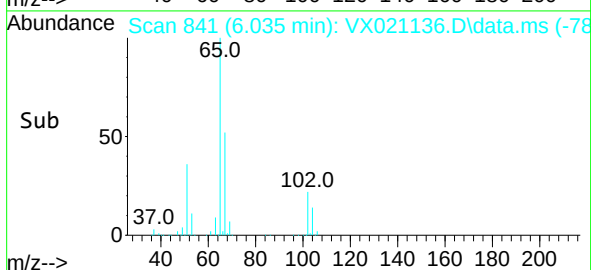
Tgt Ion: 56 Resp: 4133
Ion Ratio Lower Upper
56 100
69 202.5 25.3 37.9#
84 171.3 71.4 107.0#

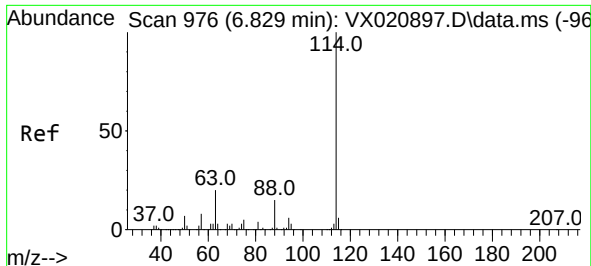


#33
1,2-Dichloroethane-d4
Concen: 50.49 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021136.D
Acq: 10 Mar 2021 14:57



Tgt Ion: 65 Resp: 138730
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4

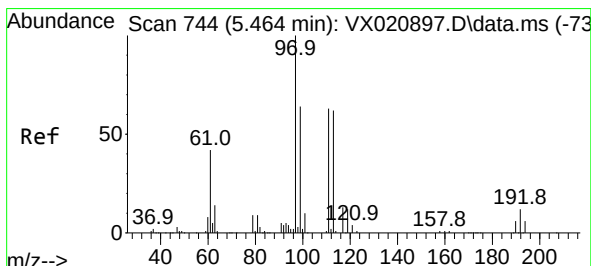
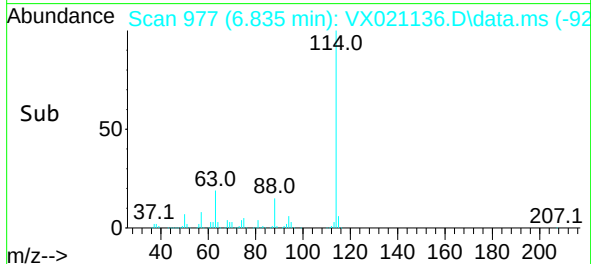
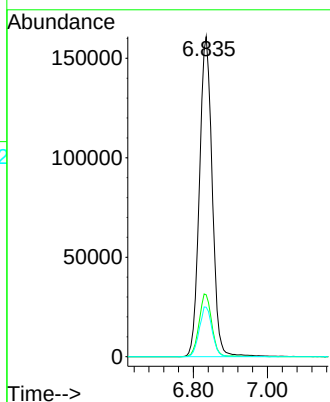
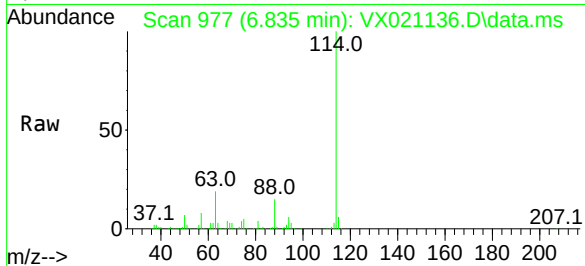




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021136.D
Acq: 10 Mar 2021 14:57

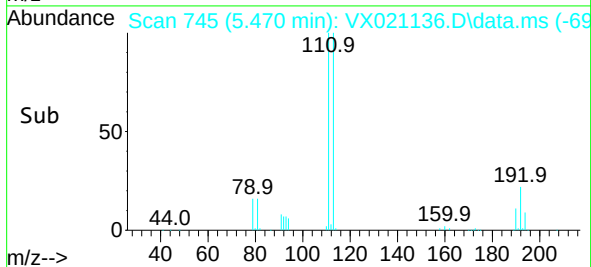
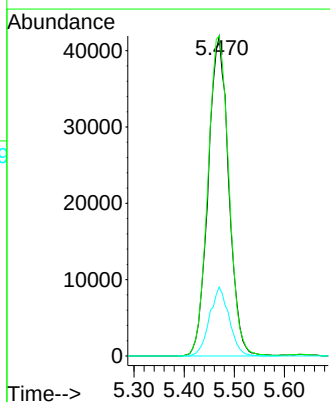
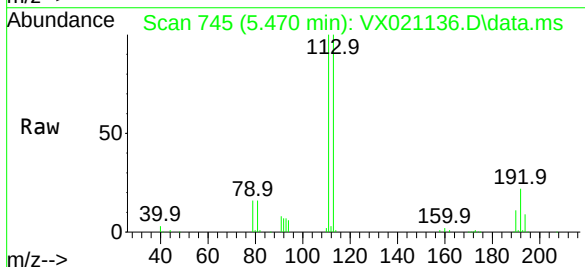
Instrument :
MSVOA_X
ClientSampled :

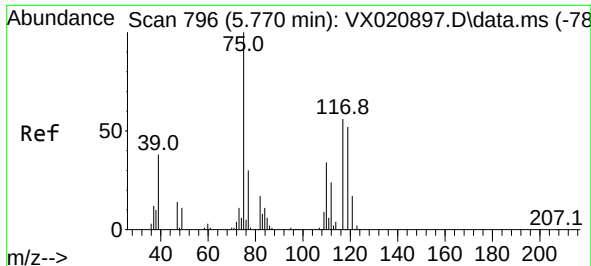
Tgt Ion:114 Resp: 384557
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.97 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021136.D
Acq: 10 Mar 2021 14:57

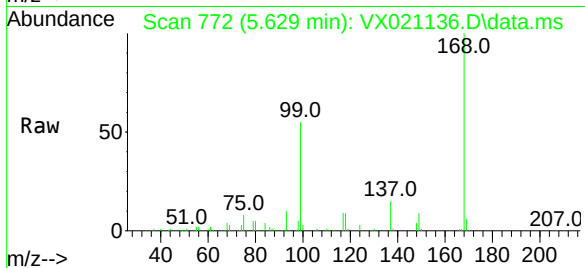
Tgt Ion:113 Resp: 119088
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 20.6 16.7 25.1



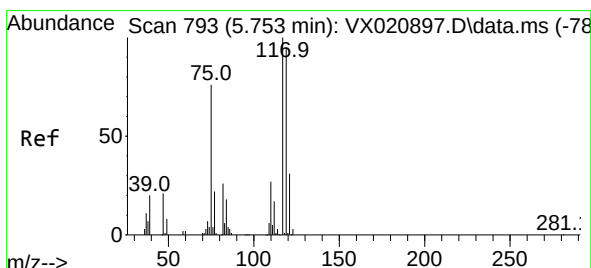
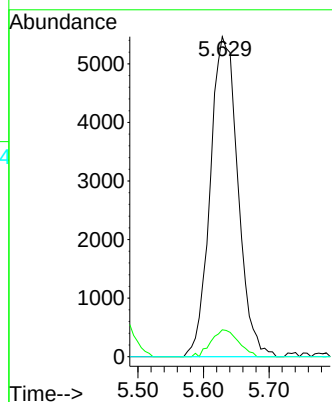
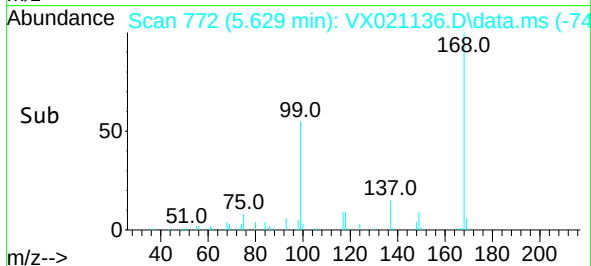


#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.142 min
Lab File: VX021136.D
Acq: 10 Mar 2021 14:57

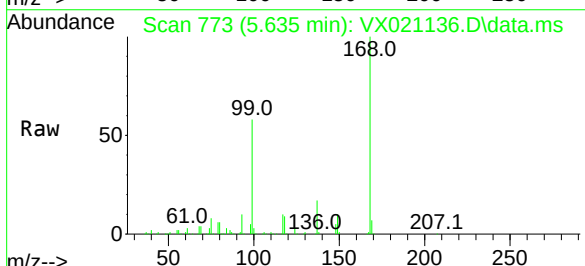
Instrument :
MSVOA_X
ClientSampleId :



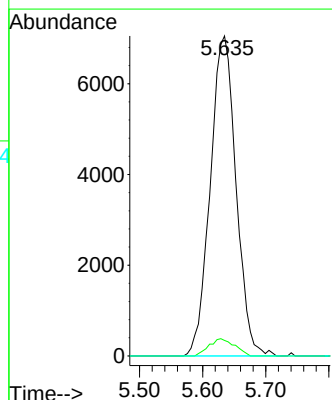
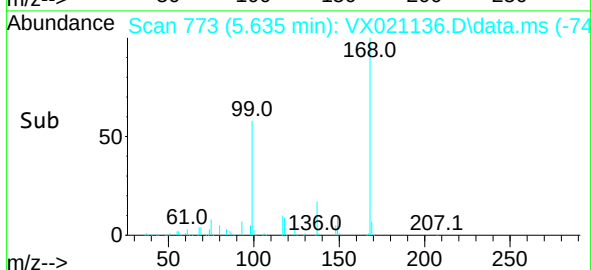
Tgt Ion: 75 Resp: 16002
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#

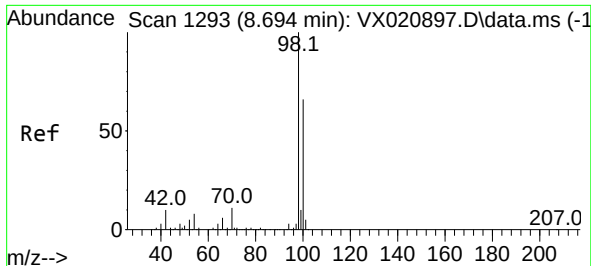


#38
Carbon Tetrachloride
Concen: 5.66 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.118 min
Lab File: VX021136.D
Acq: 10 Mar 2021 14:57



Tgt Ion: 117 Resp: 20032
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#

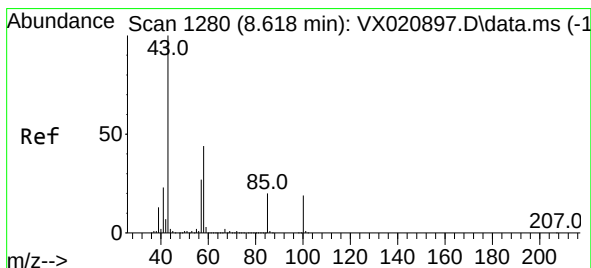
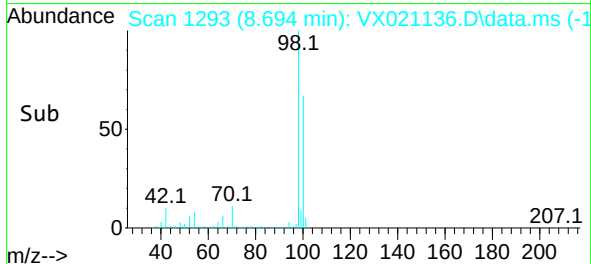
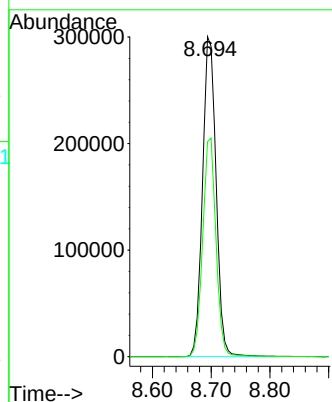
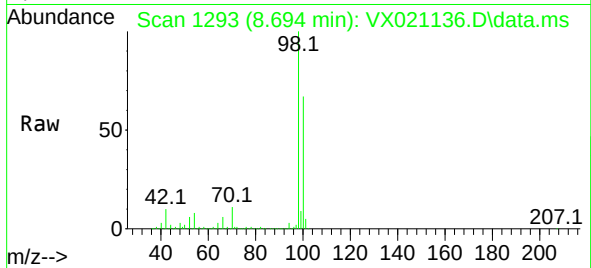




#50
Toluene-d8
Concen: 52.75 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021136.D
Acq: 10 Mar 2021 14:57

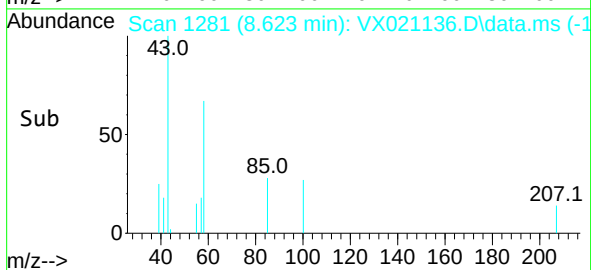
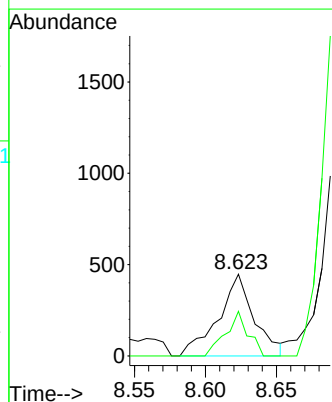
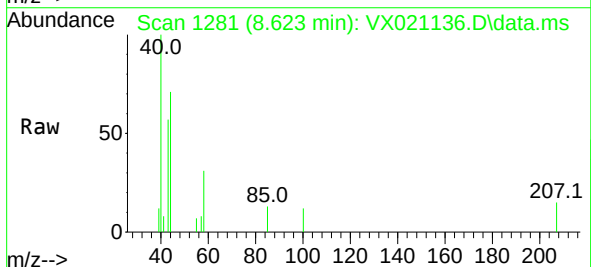
Instrument :
MSVOA_X
ClientSampled :

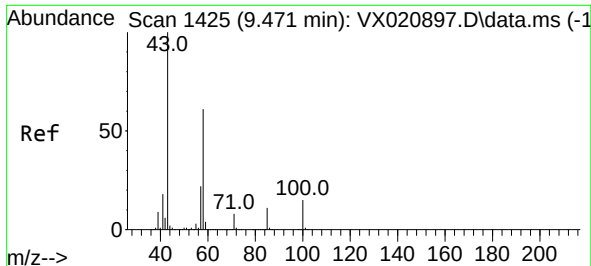
Tgt Ion: 98 Resp: 480586
Ion Ratio Lower Upper
98 100
100 67.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 8.623 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VX021136.D
Acq: 10 Mar 2021 14:57

Tgt Ion: 43 Resp: 782
Ion Ratio Lower Upper
43 100
58 34.3 35.4 53.0#





#59

2-Hexanone

Concen: 0.25 ug/l

RT: 9.476 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VX021136.D

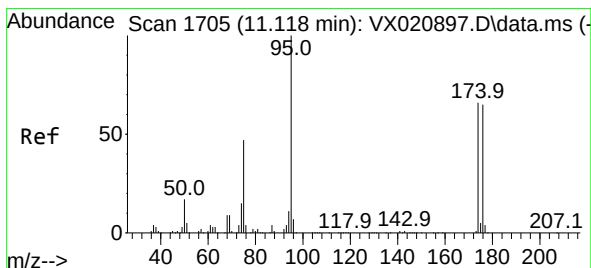
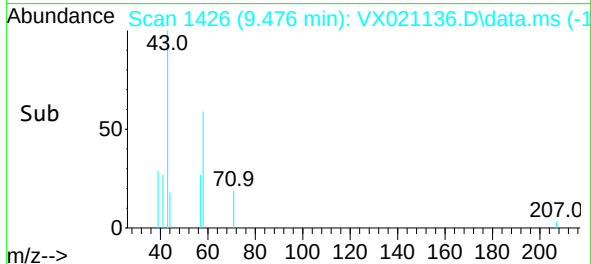
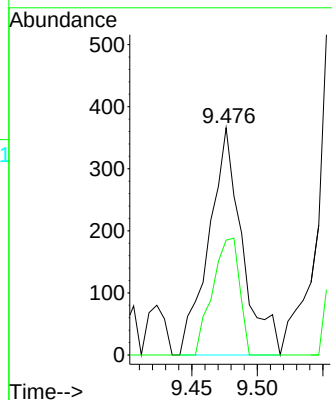
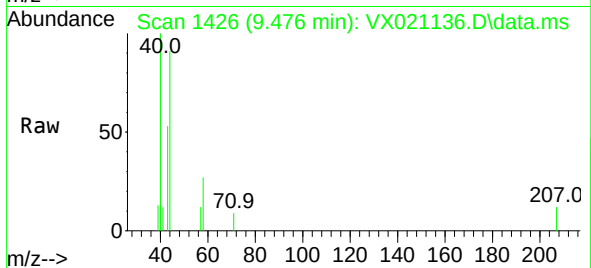
Acq: 10 Mar 2021 14:57

Tgt Ion: 43 Resp: 648

Ion Ratio Lower Upper

43 100

58 41.5 30.9 92.8



#62

4-Bromofluorobenzene

Concen: 53.25 ug/l

RT: 11.123 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VX021136.D

Acq: 10 Mar 2021 14:57

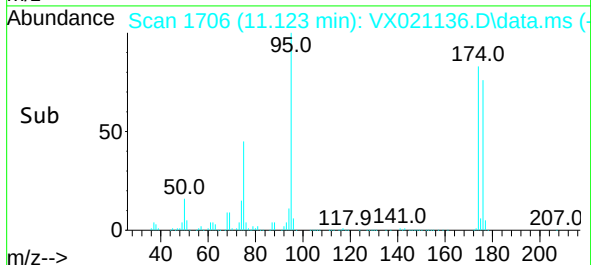
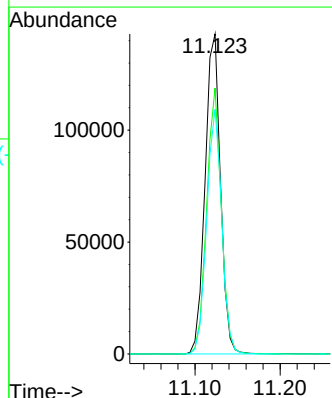
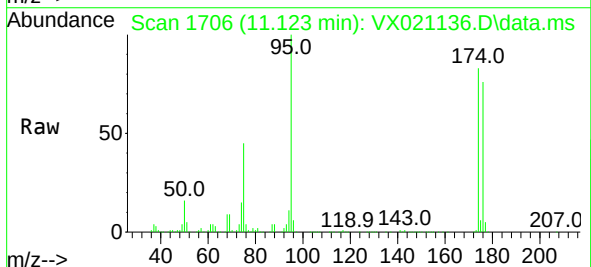
Tgt Ion: 95 Resp: 179377

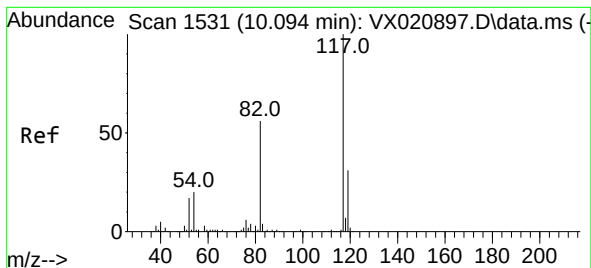
Ion Ratio Lower Upper

95 100

174 79.5 0.0 154.6

176 74.8 0.0 155.8

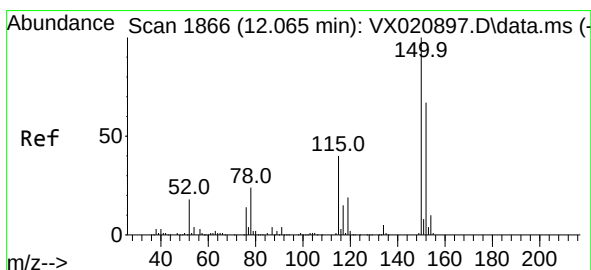
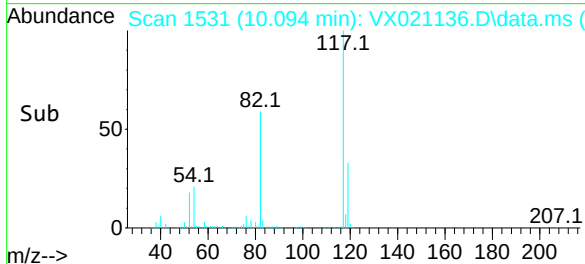
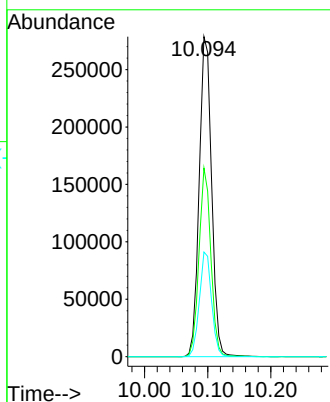
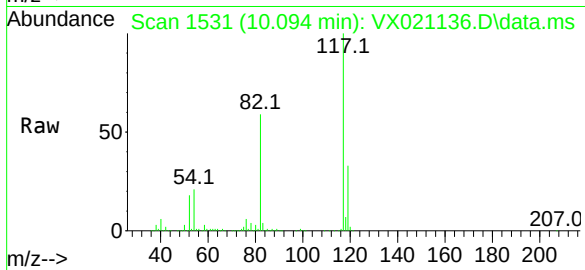




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021136.D
Acq: 10 Mar 2021 14:57

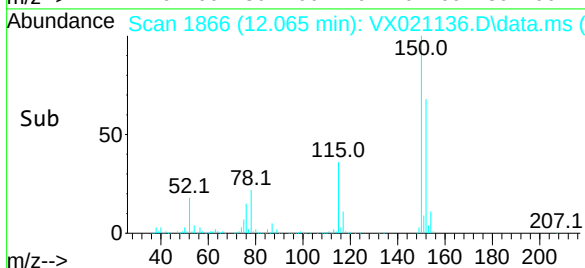
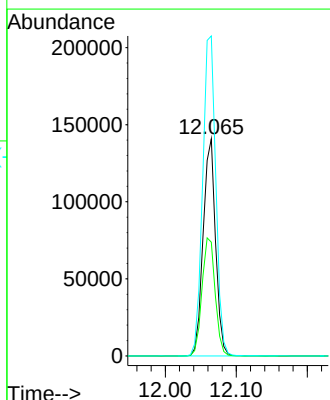
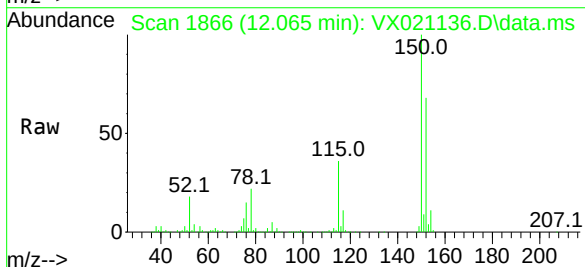
Instrument :
MSVOA_X
ClientSampled :

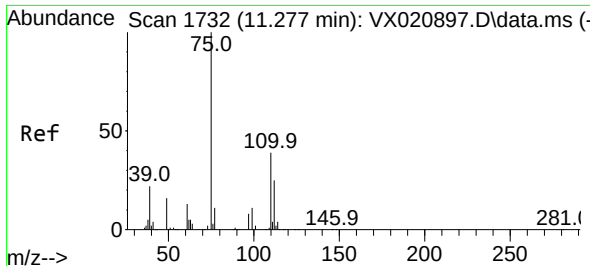
Tgt Ion:117 Resp: 381240
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX021136.D
Acq: 10 Mar 2021 14:57

Tgt Ion:152 Resp: 171527
Ion Ratio Lower Upper
152 100
115 57.6 41.1 123.3
150 156.0 0.0 349.0

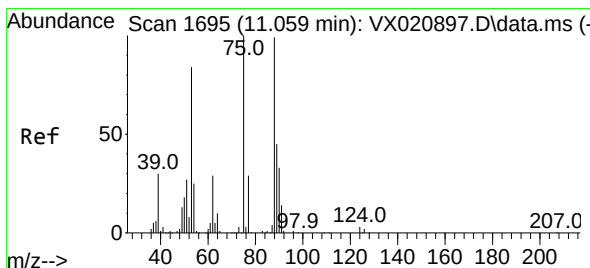
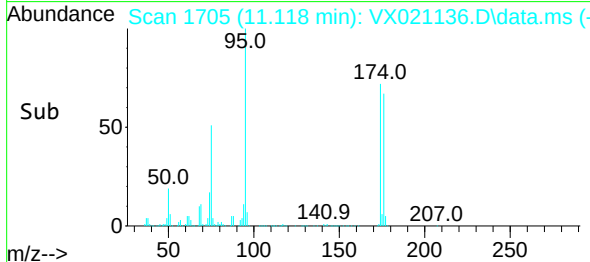
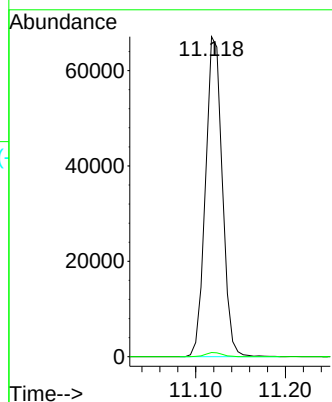
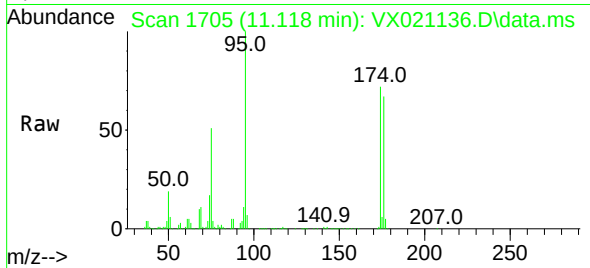




#76
1,2,3-Trichloropropane
Concen: 23.62 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021136.D
Acq: 10 Mar 2021 14:57

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 87145
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.29 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.058 min
Lab File: VX021136.D
Acq: 10 Mar 2021 14:57

Tgt Ion: 75 Resp: 87145
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

