

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021106.D
 Acq On : 09 Mar 2021 14:27
 Operator : JC/MD
 Sample : M1611-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 10 00:30:47 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)

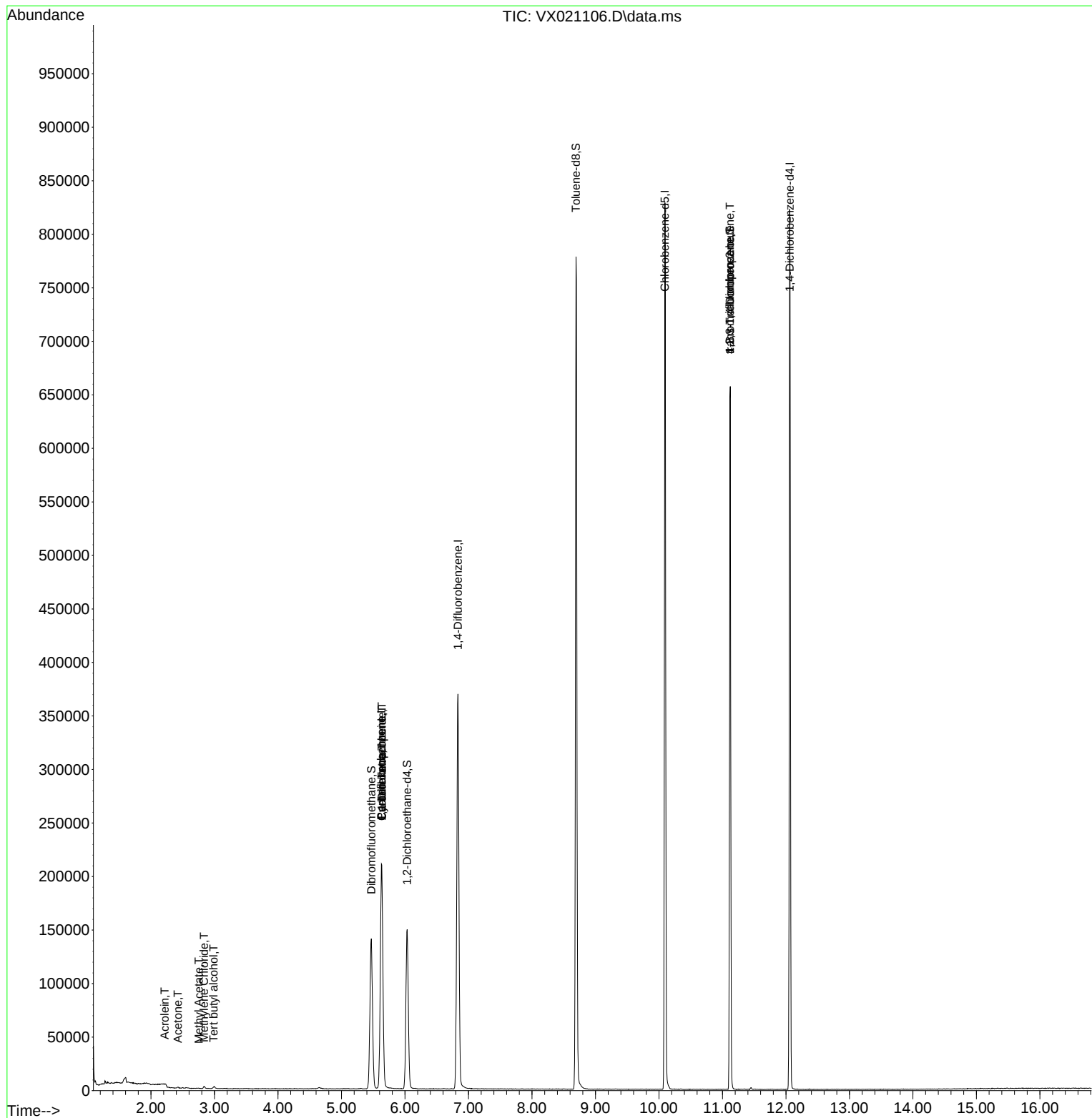
Internal Standards						
1) Pentafluorobenzene	5.629	168	204797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	392330	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	389828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	171490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	141723	51.23	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 102.46%		
35) Dibromofluoromethane	5.470	113	122455	51.37	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 102.74%		
50) Toluene-d8	8.694	98	482282	51.89	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 103.78%		
62) 4-Bromofluorobenzene	11.118	95	184693	53.74	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 107.48%		
Target Compounds						Qvalue
5) Bromomethane	1.640	94	451	Below Cal	86	
11) Tert butyl alcohol	2.987	59	1058	1.72 ug/l #	73	
13) Acrolein	2.216	56	155	0.41 ug/l #	72	
16) Acetone	2.422	43	616	0.54 ug/l	92	
18) Methyl Acetate	2.752	43	687	0.25 ug/l #	52	
20) Methylene Chloride	2.834	84	912	0.33 ug/l #	89	
31) Cyclohexane	5.635	56	4167	1.04 ug/l #	1	
36) 1,1-Dichloropropene	5.635	75	16307	4.37 ug/l #	48	
38) Carbon Tetrachloride	5.635	117	19773	5.47 ug/l #	15	
76) 1,2,3-Trichloropropane	11.118	75	89022	24.13 ug/l #	39	
81) trans-1,4-Dichloro-2-b...	11.118	75	89022	53.42 ug/l #	12	

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

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 10 00:30:47 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

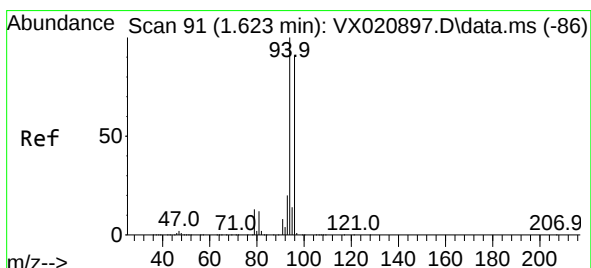
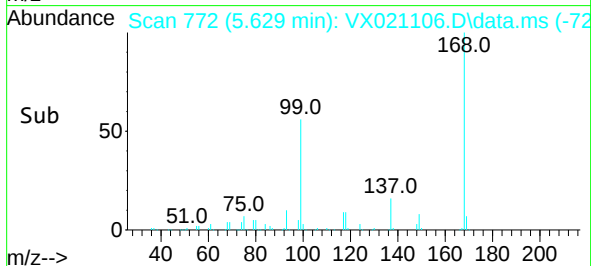
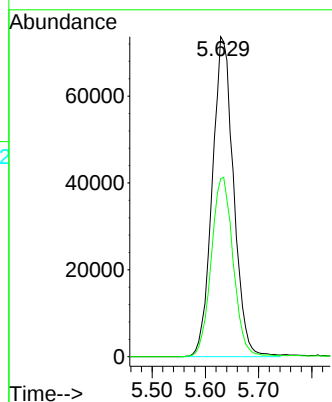
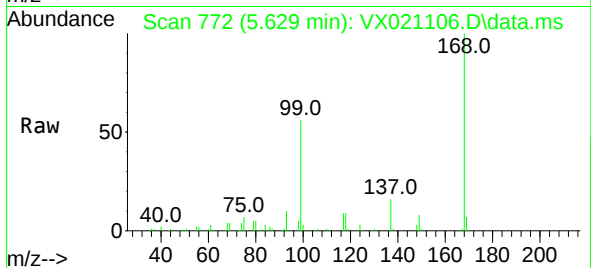




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021106.D
Acq: 09 Mar 2021 14:27

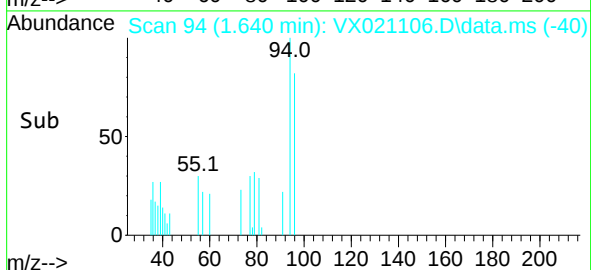
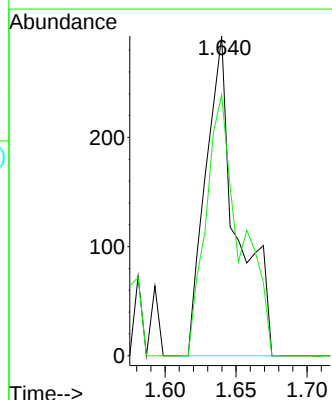
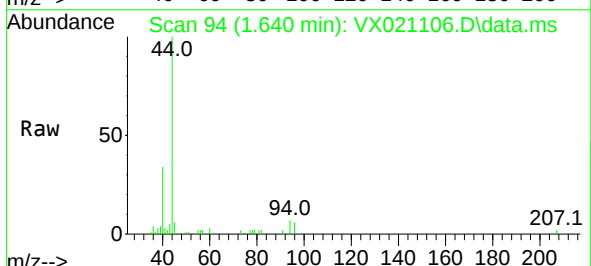
Instrument :
MSVOA_X
ClientSampled :

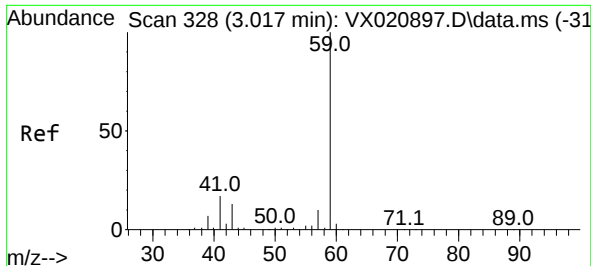
Tgt Ion:168 Resp: 204797
Ion Ratio Lower Upper
168 100
99 55.7 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021106.D
Acq: 09 Mar 2021 14:27

Tgt Ion: 94 Resp: 451
Ion Ratio Lower Upper
94 100
96 81.6 76.4 114.6

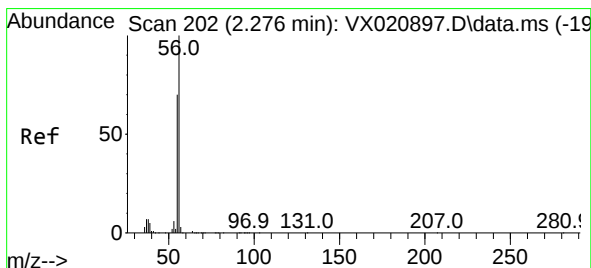
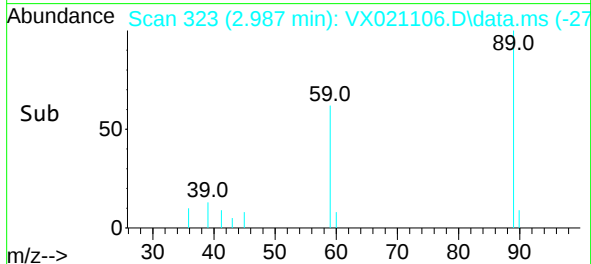
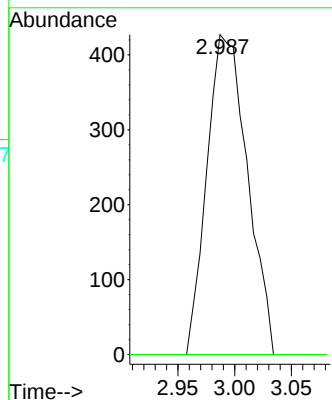
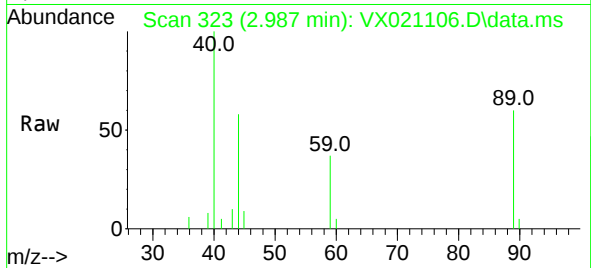




#11
Tert butyl alcohol
Concen: 1.72 ug/l
RT: 2.987 min Scan# 323
Delta R.T. -0.030 min
Lab File: VX021106.D
Acq: 09 Mar 2021 14:27

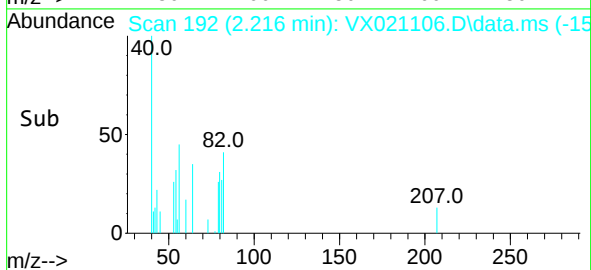
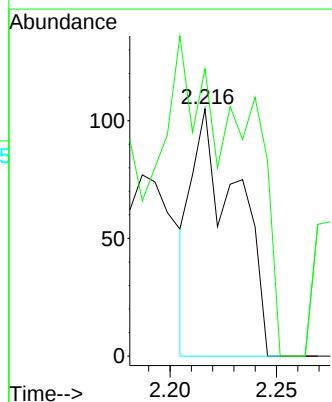
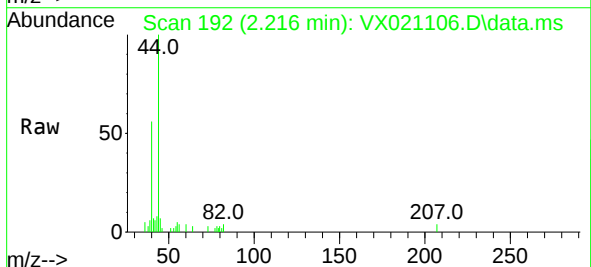
Instrument :
MSVOA_X
ClientSampled :

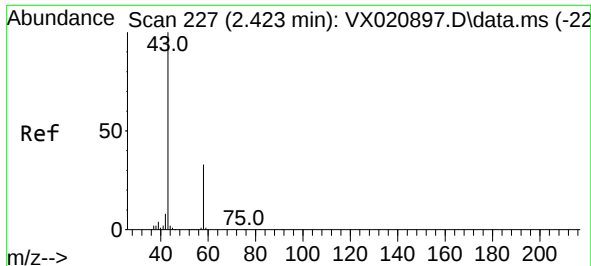
Tgt Ion: 59 Resp: 1058
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.41 ug/l
RT: 2.216 min Scan# 192
Delta R.T. -0.059 min
Lab File: VX021106.D
Acq: 09 Mar 2021 14:27

Tgt Ion: 56 Resp: 155
Ion Ratio Lower Upper
56 100
55 47.7 56.4 84.6#

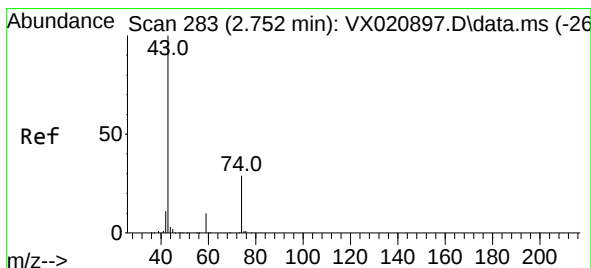
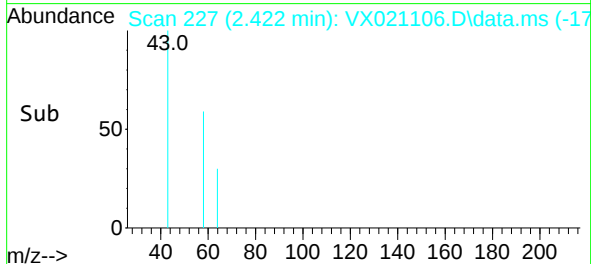
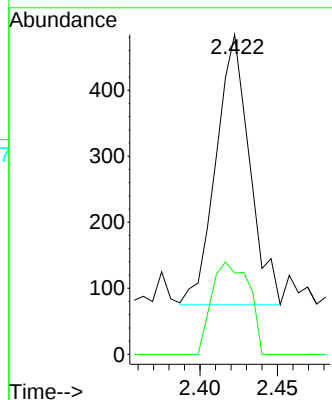
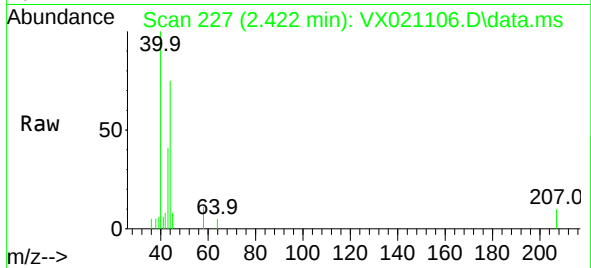




#16
Acetone
Concen: 0.54 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021106.D
Acq: 09 Mar 2021 14:27

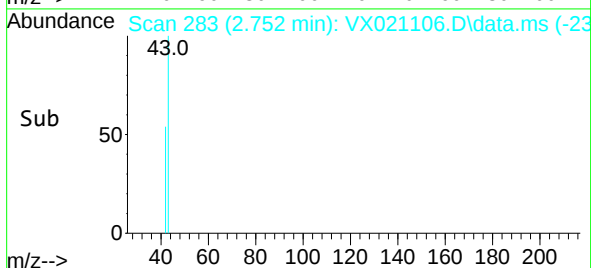
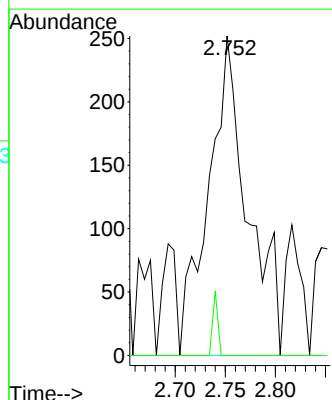
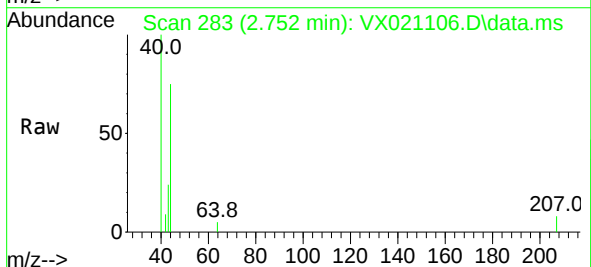
Instrument :
MSVOA_X
ClientSampled :

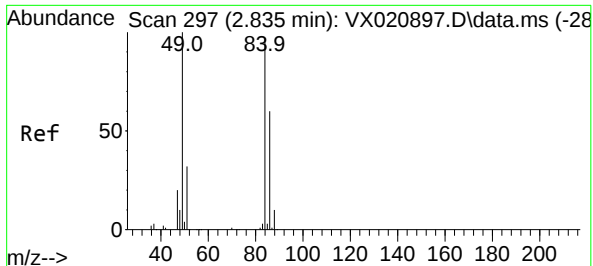
Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
58 30.1 27.8 41.8



#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021106.D
Acq: 09 Mar 2021 14:27

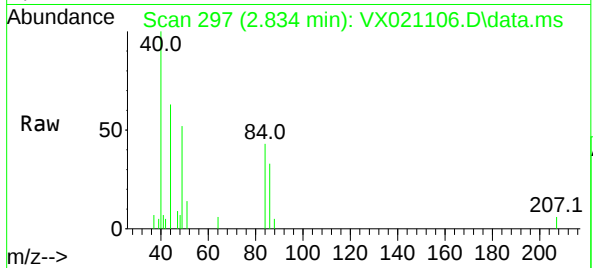
Tgt Ion: 43 Resp: 687
Ion Ratio Lower Upper
43 100
74 2.6 21.9 32.9#





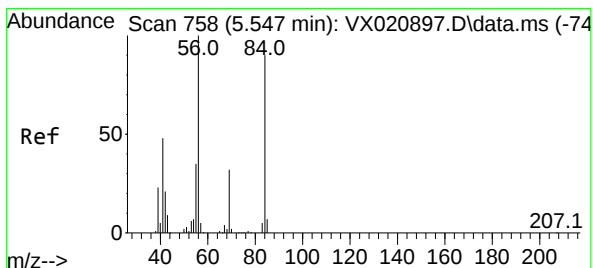
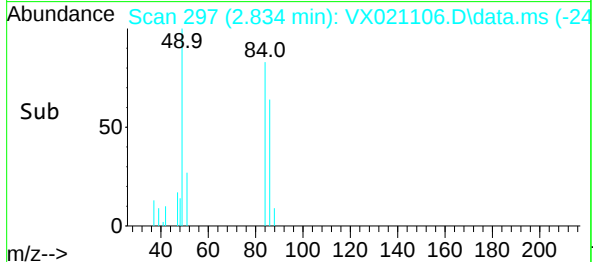
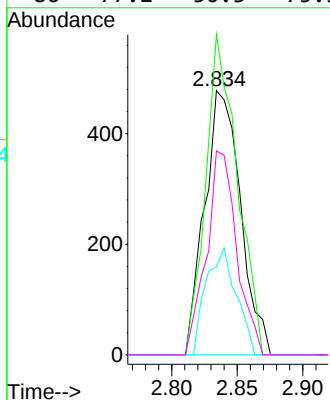
#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021106.D
Acq: 09 Mar 2021 14:27

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 84 Resp: 912

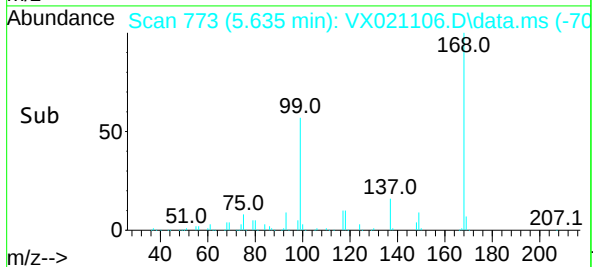
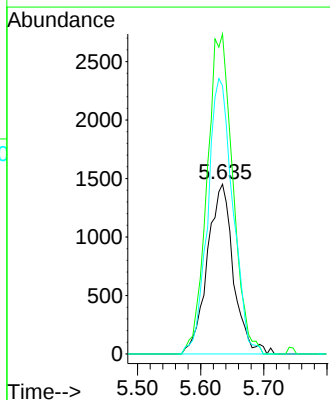
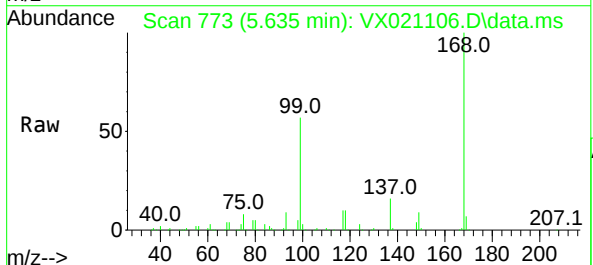
Ion	Ratio	Lower	Upper
84	100		
49	121.1	88.6	132.8
51	33.3	27.0	40.6
86	77.2	50.3	75.5#

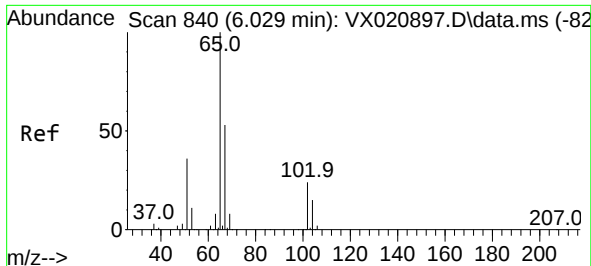


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021106.D
Acq: 09 Mar 2021 14:27

Tgt Ion: 56 Resp: 4167

Ion	Ratio	Lower	Upper
56	100		
69	188.4	25.3	37.9#
84	157.9	71.4	107.0#

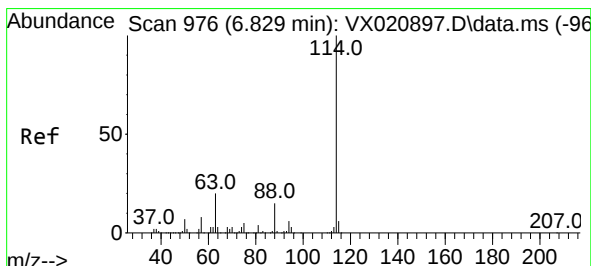
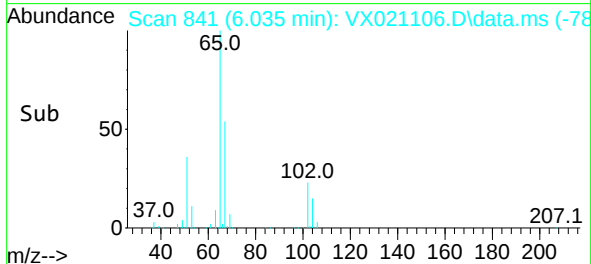
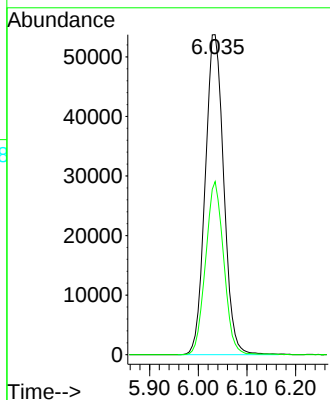
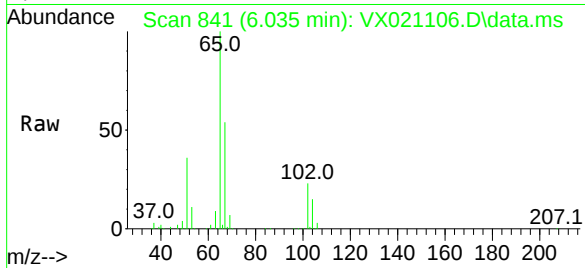




#33
1,2-Dichloroethane-d4
Concen: 51.23 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021106.D
Acq: 09 Mar 2021 14:27

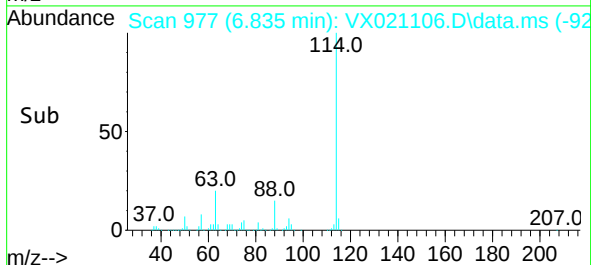
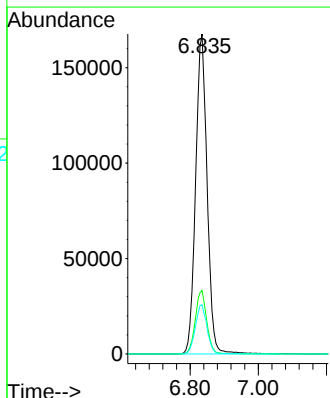
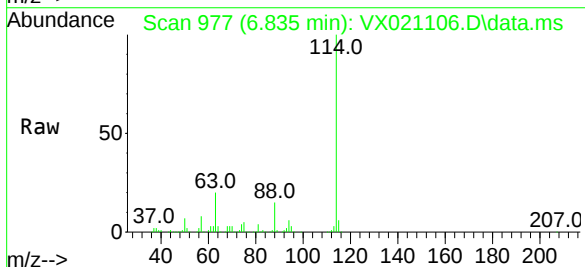
Instrument :
MSVOA_X
ClientSampleId :

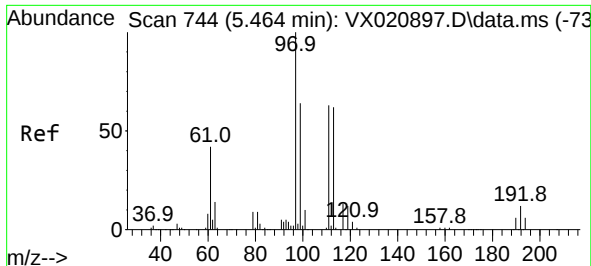
Tgt Ion: 65 Resp: 141723
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.005 min
Lab File: VX021106.D
Acq: 09 Mar 2021 14:27

Tgt Ion: 114 Resp: 392330
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 15.4 0.0 32.8

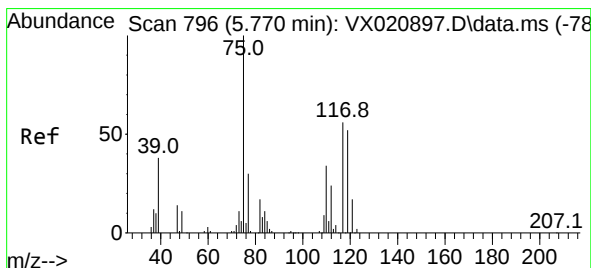
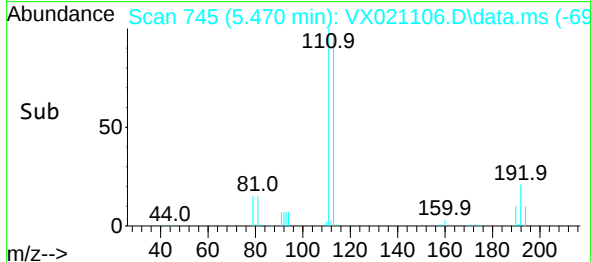
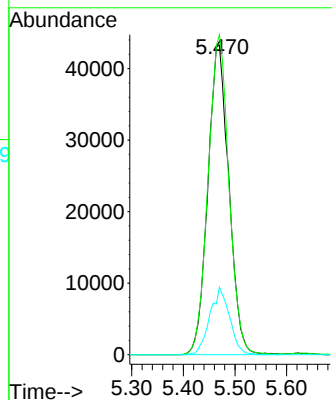
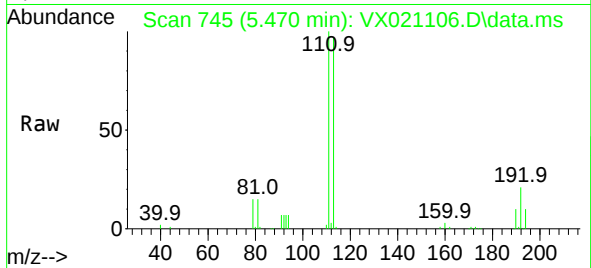




#35
Dibromofluoromethane
Concen: 51.37 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.005 min
Lab File: VX021106.D
Acq: 09 Mar 2021 14:27

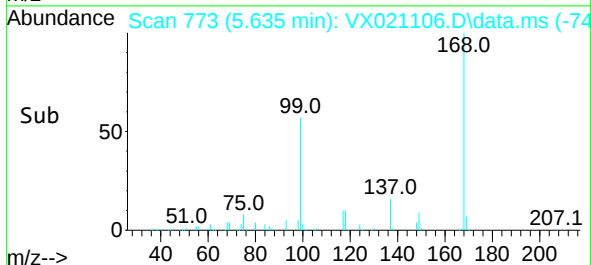
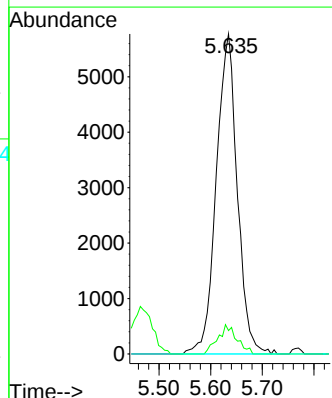
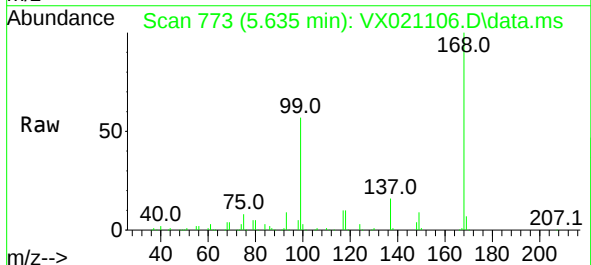
Instrument :
MSVOA_X
ClientSampled :

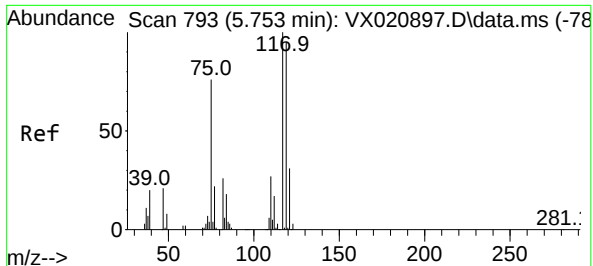
Tgt Ion:113 Resp: 122455
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 20.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.37 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.136 min
Lab File: VX021106.D
Acq: 09 Mar 2021 14:27

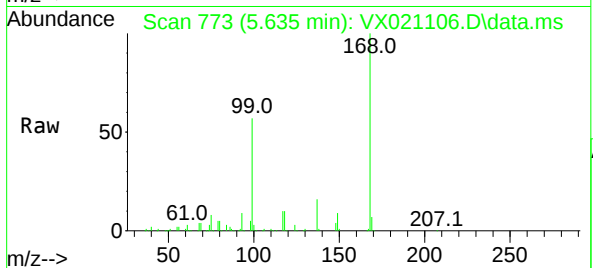
Tgt Ion: 75 Resp: 16307
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.0 25.3 37.9#



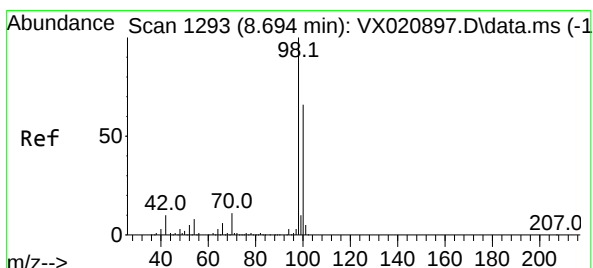
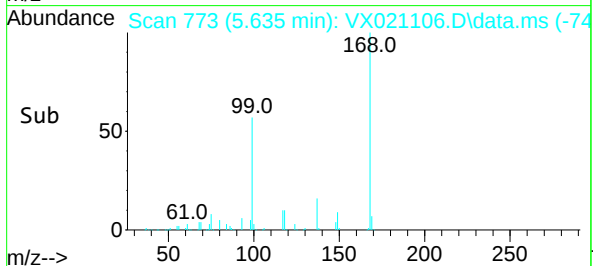
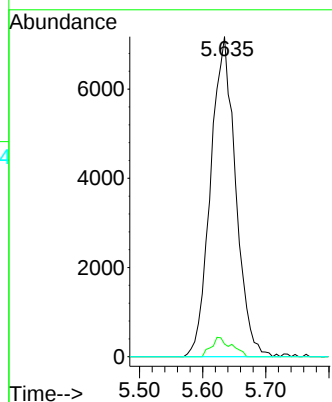


#38
Carbon Tetrachloride
Concen: 5.47 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.118 min
Lab File: VX021106.D
Acq: 09 Mar 2021 14:27

Instrument :
MSVOA_X
ClientSampled :

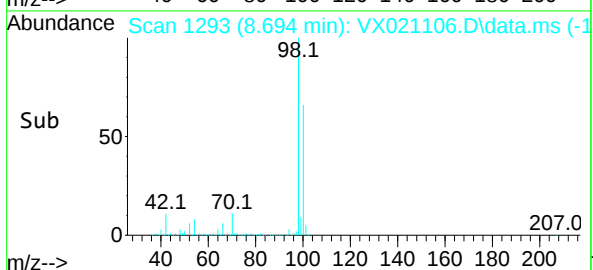
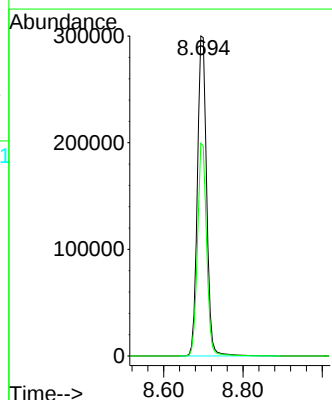
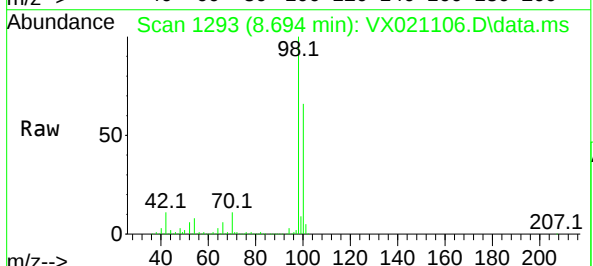


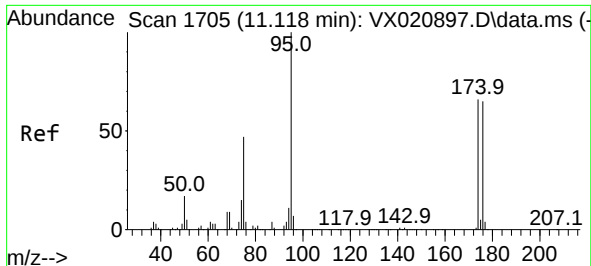
Tgt Ion: 117 Resp: 19773
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.89 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021106.D
Acq: 09 Mar 2021 14:27

Tgt Ion: 98 Resp: 482282
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

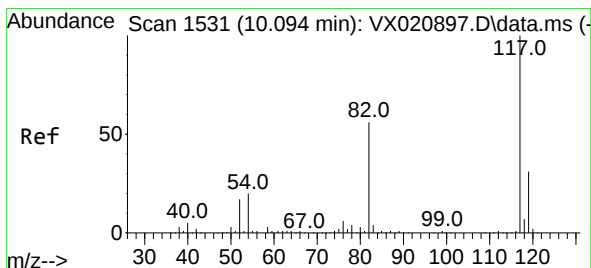
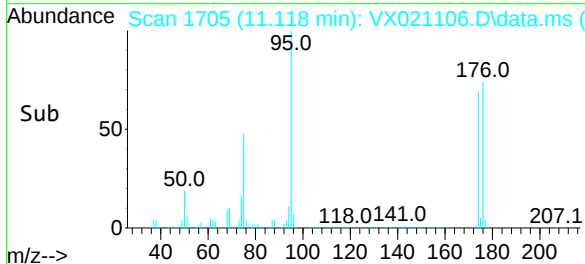
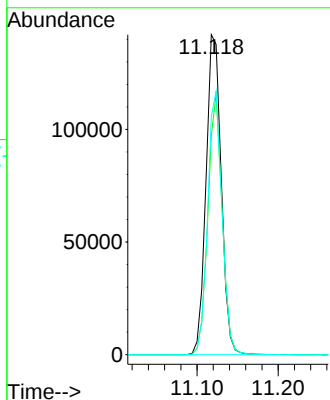
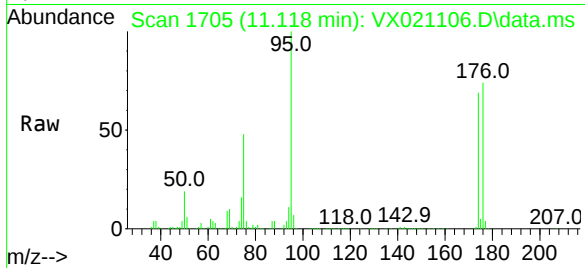




#62
4-Bromofluorobenzene
Concen: 53.74 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021106.D
Acq: 09 Mar 2021 14:27

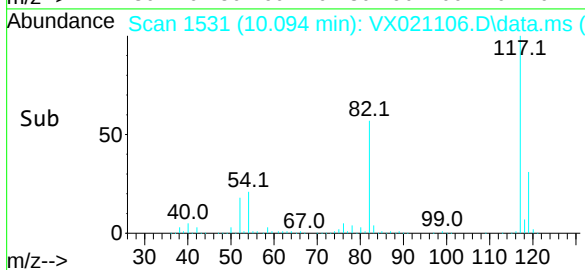
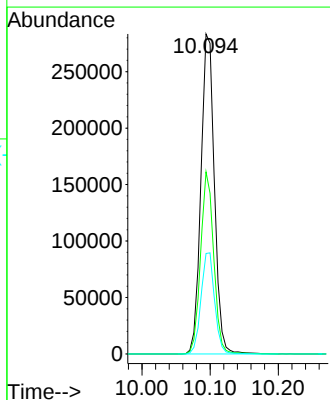
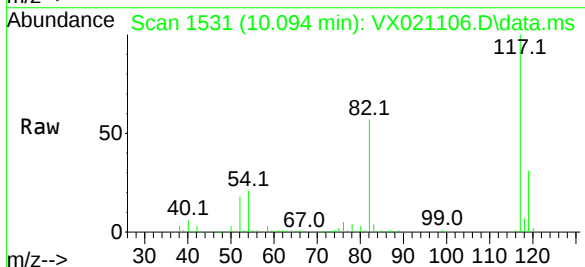
Instrument :
MSVOA_X
ClientSampleId :

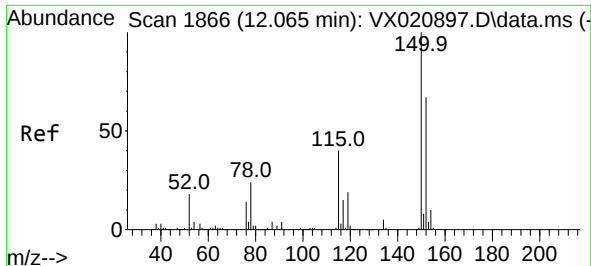
Tgt Ion: 95 Resp: 184693
Ion Ratio Lower Upper
95 100
174 76.3 0.0 154.6
176 78.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021106.D
Acq: 09 Mar 2021 14:27

Tgt Ion: 117 Resp: 389828
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 31.4 26.6 39.8

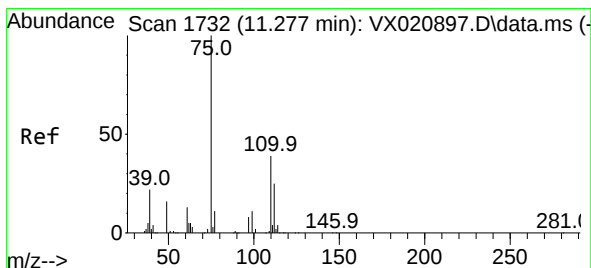
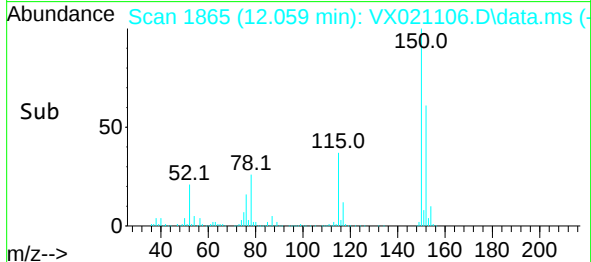
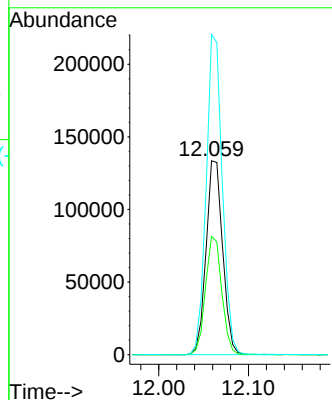
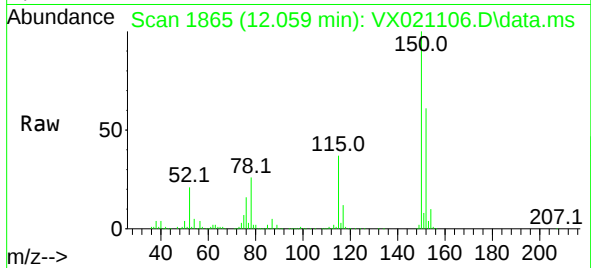




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021106.D
Acq: 09 Mar 2021 14:27

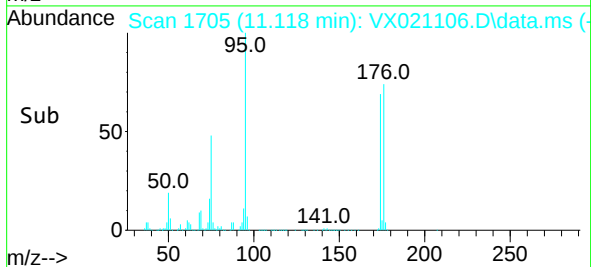
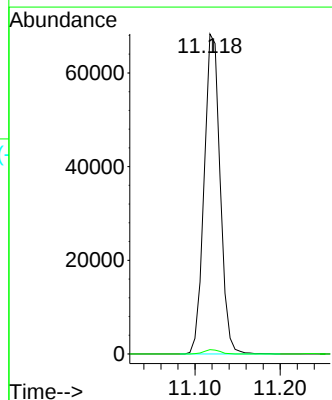
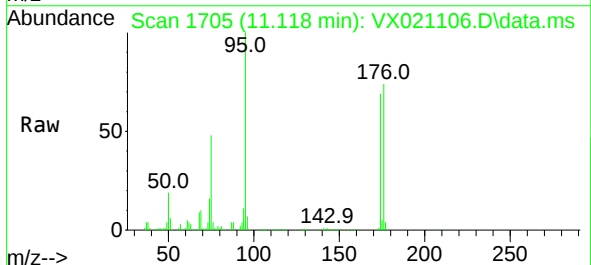
Instrument :
MSVOA_X
ClientSampleId :

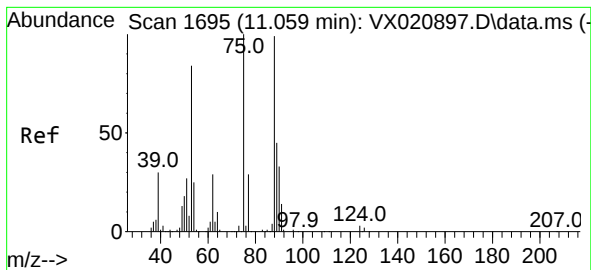
Tgt Ion:152 Resp: 171490
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 160.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.13 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021106.D
Acq: 09 Mar 2021 14:27

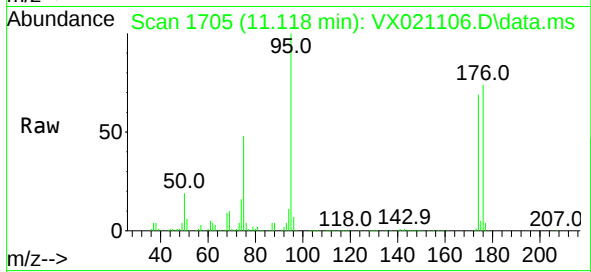
Tgt Ion: 75 Resp: 89022
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.42 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.058 min
 Lab File: VX021106.D
 Acq: 09 Mar 2021 14:27

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 89022
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

