

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
 Data File : VX021832.D
 Acq On : 22 Apr 2021 21:07
 Operator : JC/MD
 Sample : M2138-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 23 07:47:11 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)

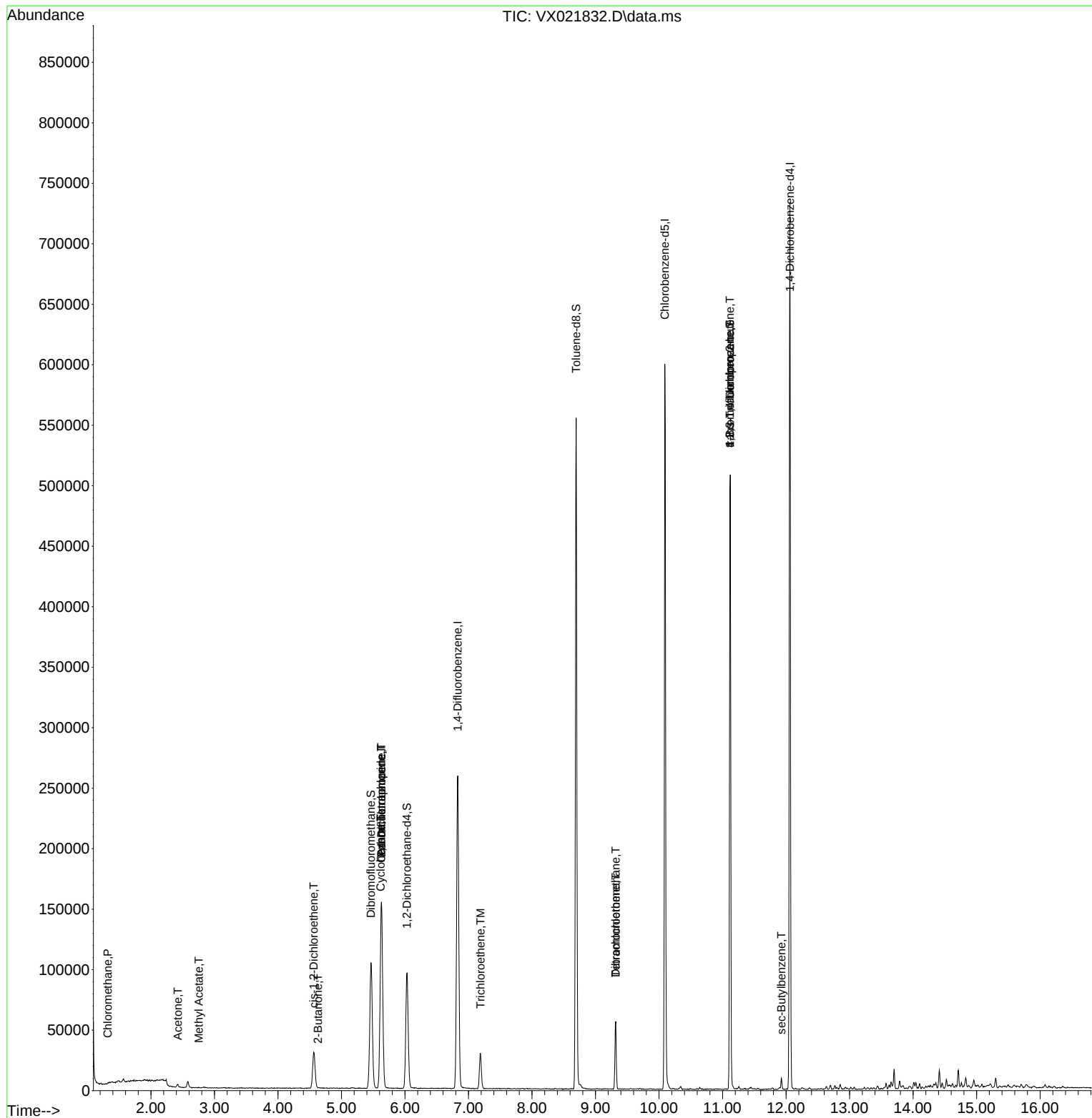
Internal Standards						
1) Pentafluorobenzene	5.629	168	155769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	284006	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	295797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	160233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	91074	51.54	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.08%	
35) Dibromofluoromethane	5.464	113	92141	50.73	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.46%	
50) Toluene-d8	8.696	98	343855	49.24	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.48%	
62) 4-Bromofluorobenzene	11.116	95	148424	56.91	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.82%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	734	0.67	ug/l #	79
16) Acetone	2.422	43	2879	4.74	ug/l	94
18) Methyl Acetate	2.751	43	459	0.28	ug/l #	47
25) 2-Butanone	4.629	43	248	0.24	ug/l #	45
27) cis-1,2-Dichloroethene	4.562	96	20890	11.13	ug/l	85
31) Cyclohexane	5.617	56	2549	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	10535	4.20	ug/l #	49
38) Carbon Tetrachloride	5.623	117	14604	5.32	ug/l #	16
44) Trichloroethene	7.190	130	12043	5.52	ug/l	99
60) Dibromochloromethane	9.317	129	11023	4.56	ug/l #	11
64) Tetrachloroethene	9.317	164	11093	4.80	ug/l	95
76) 1,2,3-Trichloropropane	11.116	75	66555	20.95	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	66555	48.17	ug/l #	12
85) sec-Butylbenzene	11.927	105	4486	0.41	ug/l	99

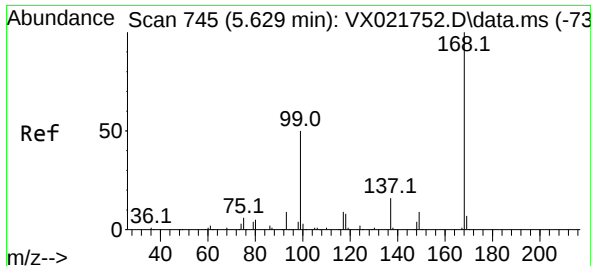
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 23 07:47:11 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

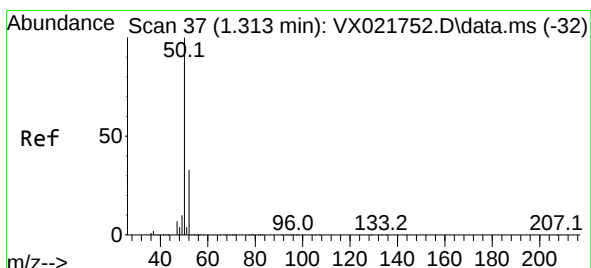
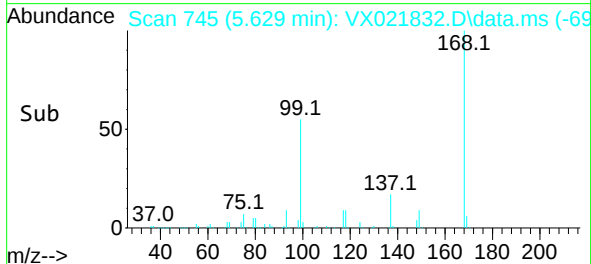
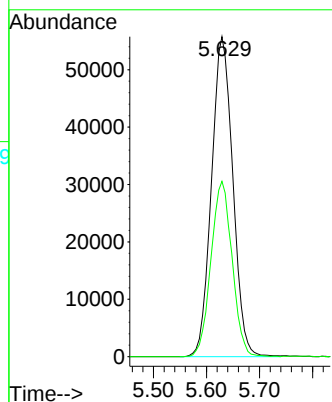
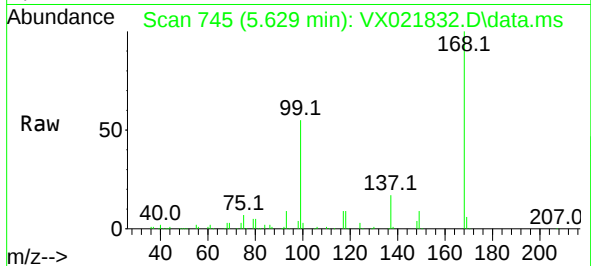




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021832.D
Acq: 22 Apr 2021 21:07

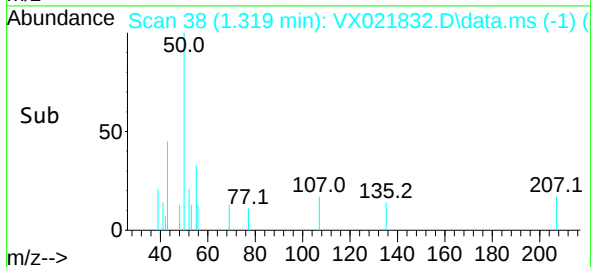
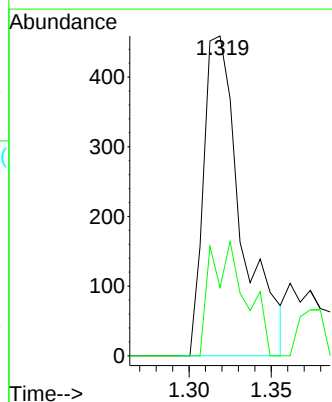
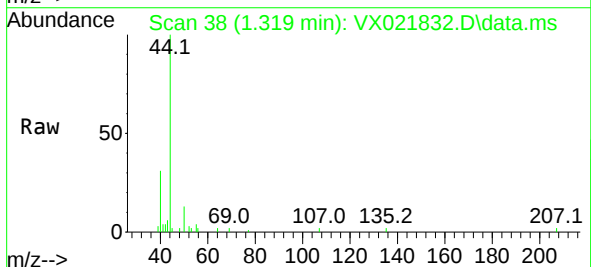
Instrument :
MSVOA_X
ClientSampled :

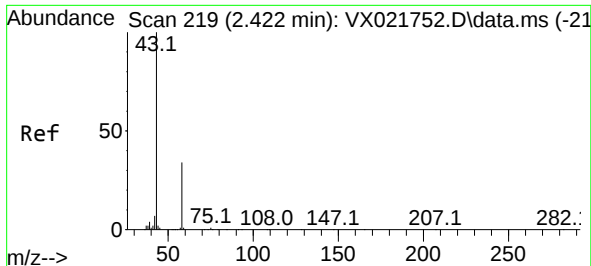
Tgt Ion:168 Resp: 155769
Ion Ratio Lower Upper
168 100
99 54.8 45.8 68.6



#3
Chloromethane
Concen: 0.67 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021832.D
Acq: 22 Apr 2021 21:07

Tgt Ion: 50 Resp: 734
Ion Ratio Lower Upper
50 100
52 21.4 26.4 39.6#

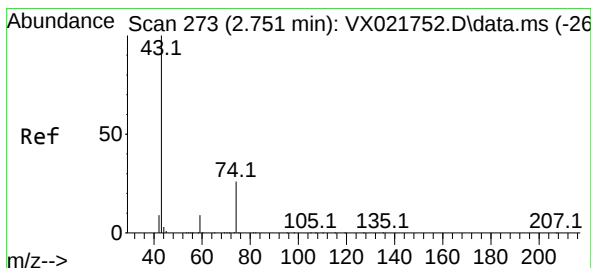
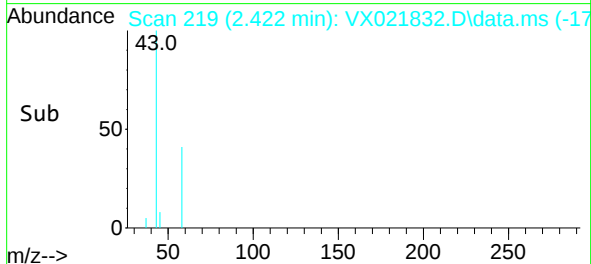
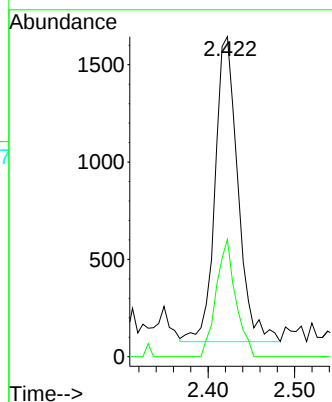
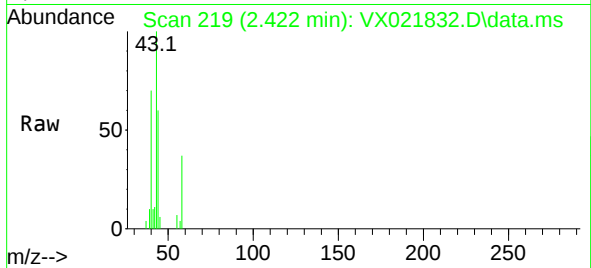




#16
Acetone
Concen: 4.74 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021832.D
Acq: 22 Apr 2021 21:07

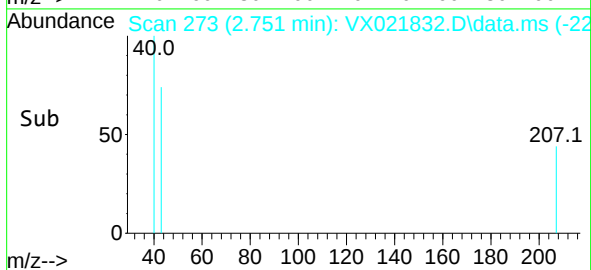
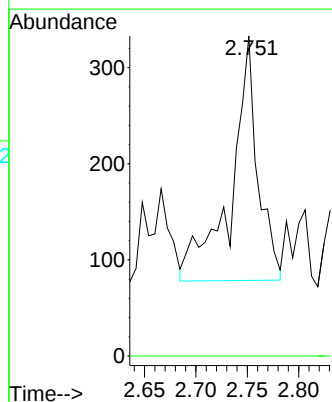
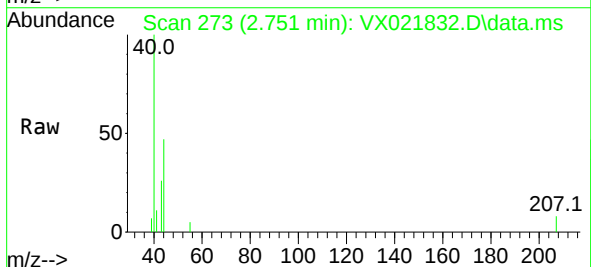
Instrument :
MSVOA_X
ClientSampled :

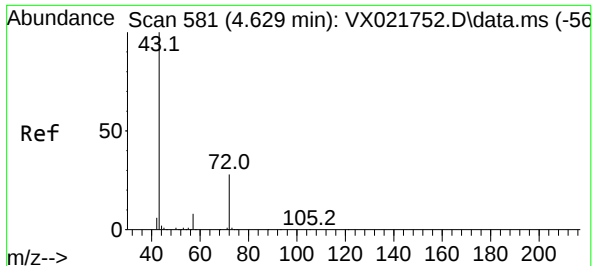
Tgt Ion: 43 Resp: 2879
Ion Ratio Lower Upper
43 100
58 38.5 27.8 41.8



#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.000 min
Lab File: VX021832.D
Acq: 22 Apr 2021 21:07

Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

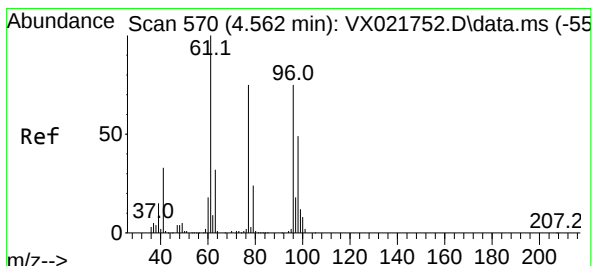
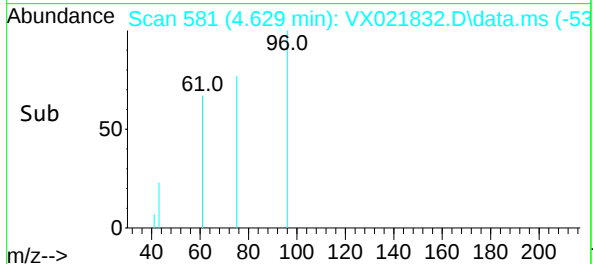
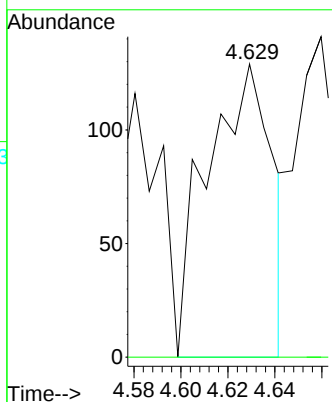
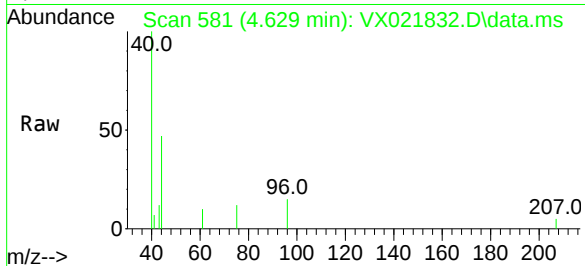




#25
2-Butanone
Concen: 0.24 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.000 min
Lab File: VX021832.D
Acq: 22 Apr 2021 21:07

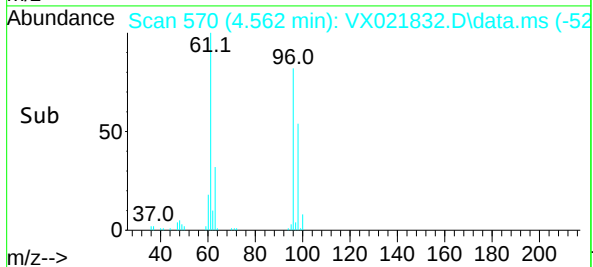
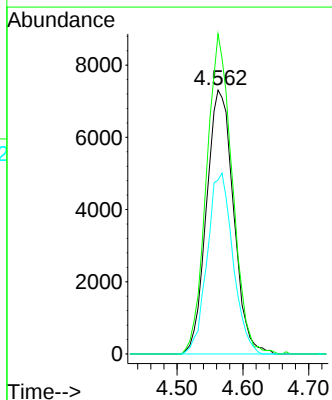
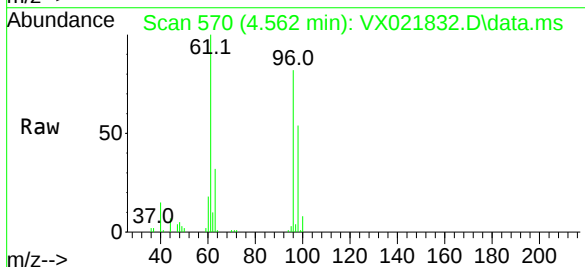
Instrument :
MSVOA_X
ClientSampled :

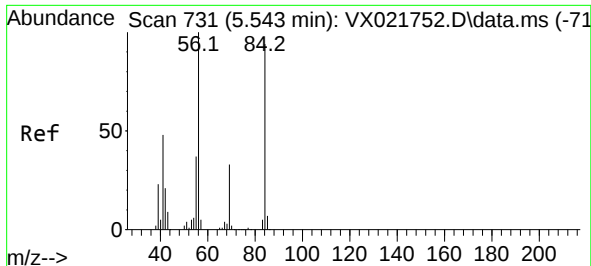
Tgt Ion: 43 Resp: 248
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 11.13 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX021832.D
Acq: 22 Apr 2021 21:07

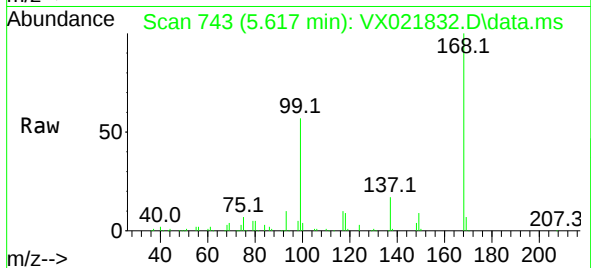
Tgt Ion: 96 Resp: 20890
Ion Ratio Lower Upper
96 100
61 115.6 0.0 285.6
98 65.2 0.0 129.6



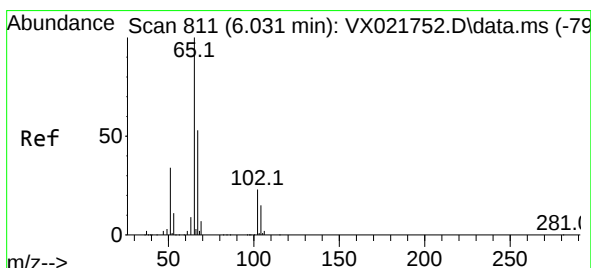
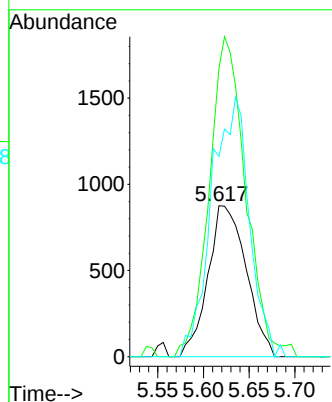
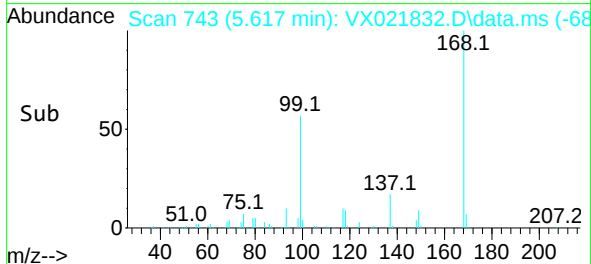


#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.074 min
Lab File: VX021832.D
Acq: 22 Apr 2021 21:07

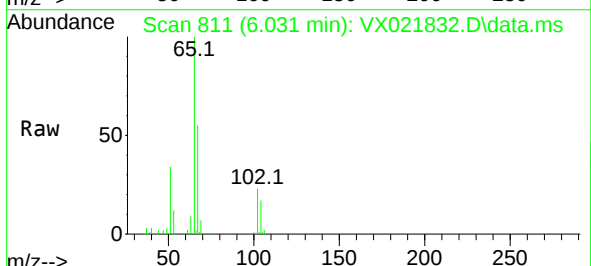
Instrument :
MSVOA_X
ClientSampleId :



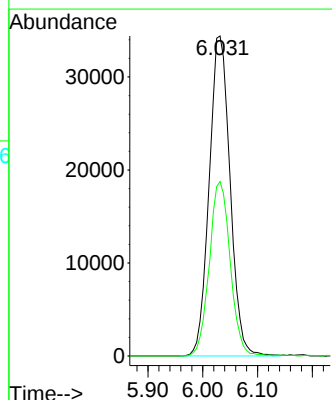
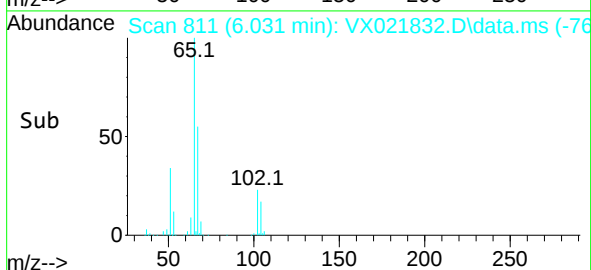
Tgt Ion: 56 Resp: 2549
Ion Ratio Lower Upper
56 100
69 184.0 25.3 37.9#
84 132.8 71.4 107.0#

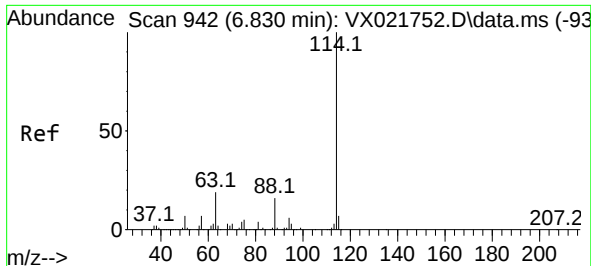


#33
1,2-Dichloroethane-d4
Concen: 51.54 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021832.D
Acq: 22 Apr 2021 21:07



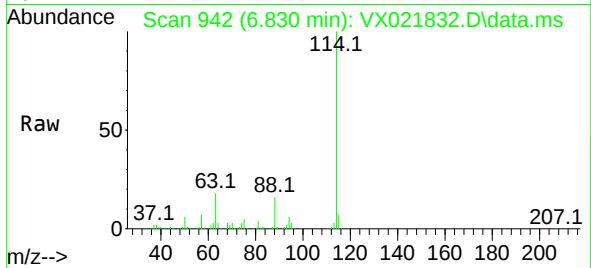
Tgt Ion: 65 Resp: 91074
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.4



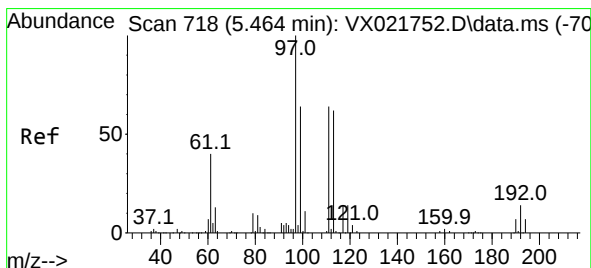
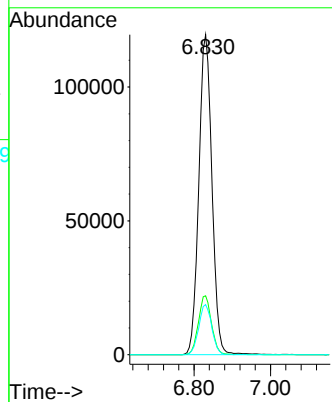
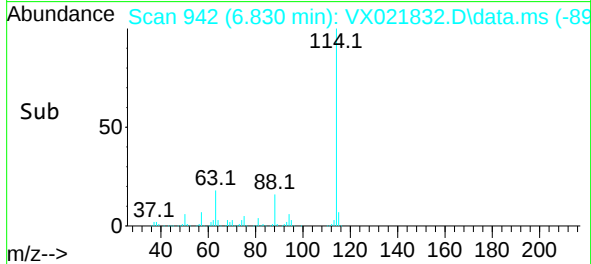


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX021832.D
Acq: 22 Apr 2021 21:07

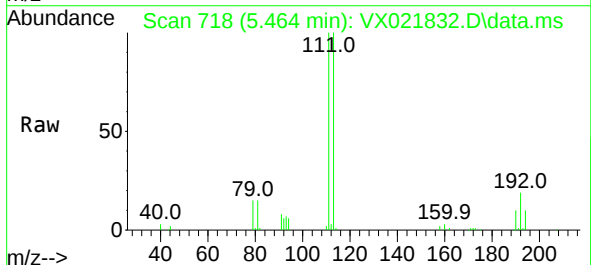
Instrument :
MSVOA_X
ClientSampled :



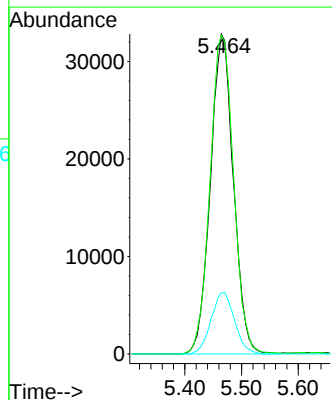
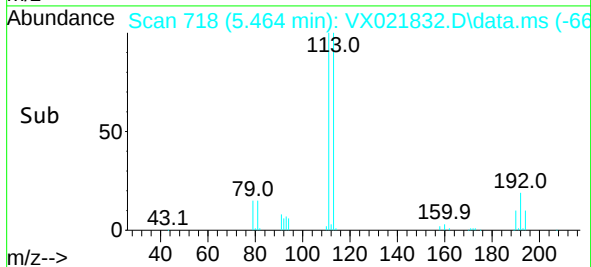
Tgt Ion:114 Resp: 284006
Ion Ratio Lower Upper
114 100
63 18.4 0.0 40.8
88 15.6 0.0 32.8

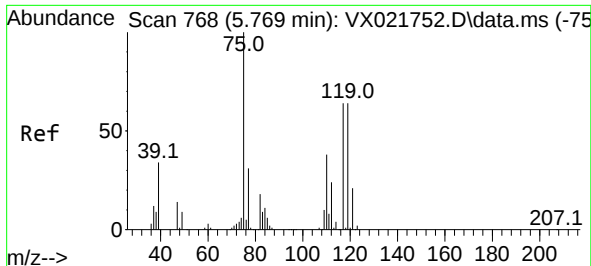


#35
Dibromofluoromethane
Concen: 50.73 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021832.D
Acq: 22 Apr 2021 21:07



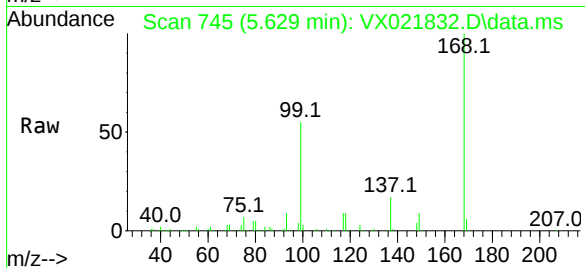
Tgt Ion:113 Resp: 92141
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 19.6 16.7 25.1



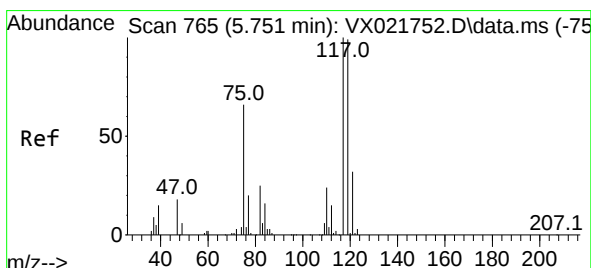
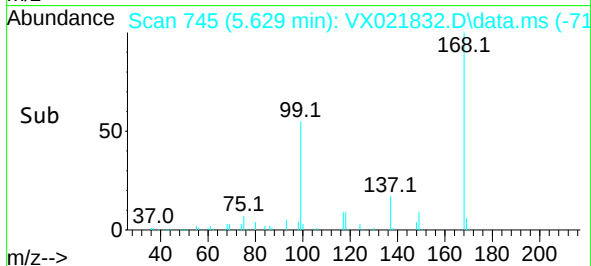
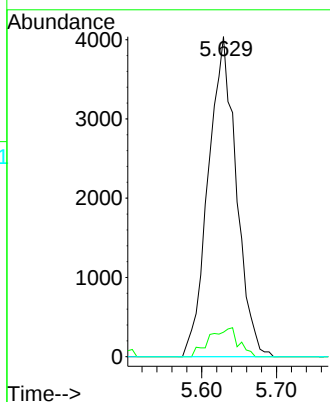


#36
1,1-Dichloropropene
Concen: 4.20 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021832.D
Acq: 22 Apr 2021 21:07

Instrument :
MSVOA_X
ClientSampleId :

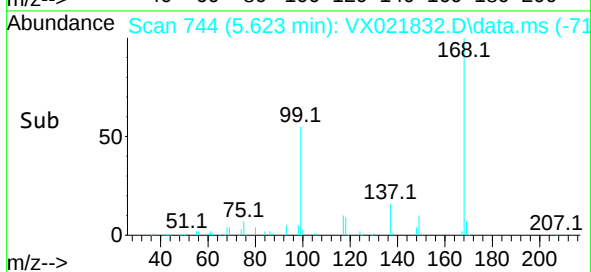
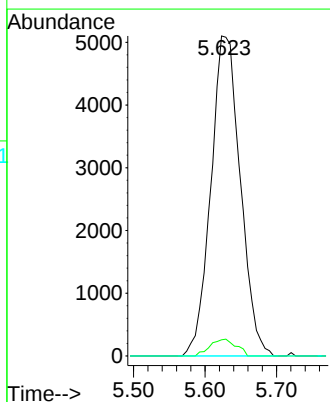
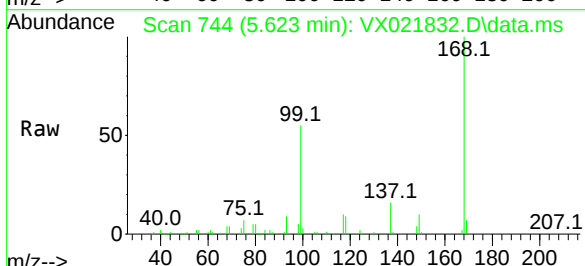


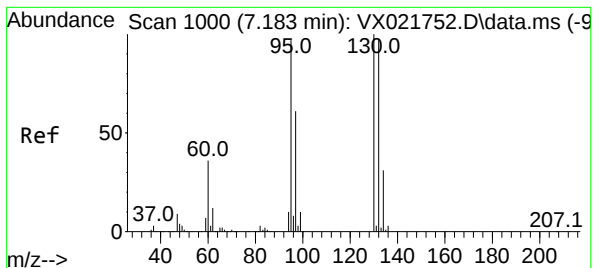
Tgt Ion: 75 Resp: 10535
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.32 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX021832.D
Acq: 22 Apr 2021 21:07

Tgt Ion: 117 Resp: 14604
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#





#44

Trichloroethene

Concen: 5.52 ug/l

RT: 7.190 min Scan# 1001

Delta R.T. 0.007 min

Lab File: VX021832.D

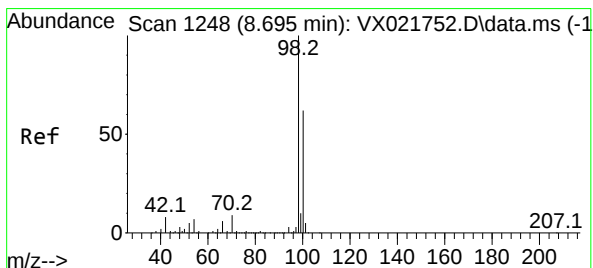
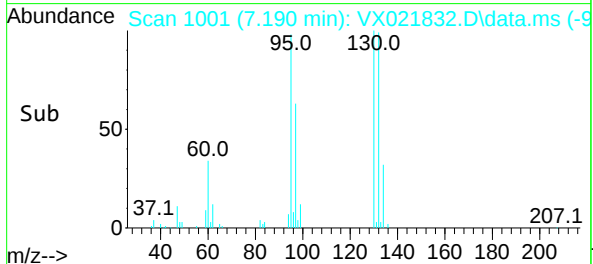
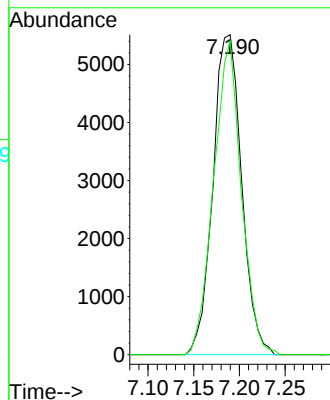
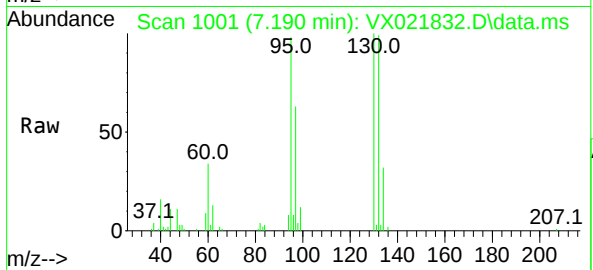
Acq: 22 Apr 2021 21:07

Tgt Ion:130 Resp: 12043

Ion Ratio Lower Upper

130 100

95 98.0 0.0 198.0



#50

Toluene-d8

Concen: 49.24 ug/l

RT: 8.696 min Scan# 1248

Delta R.T. 0.001 min

Lab File: VX021832.D

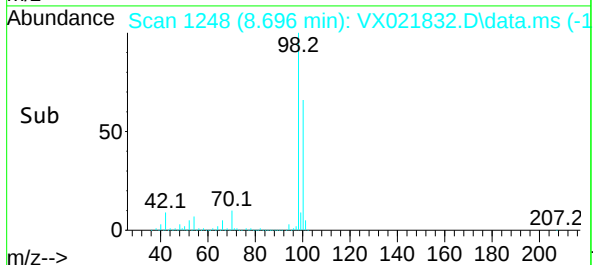
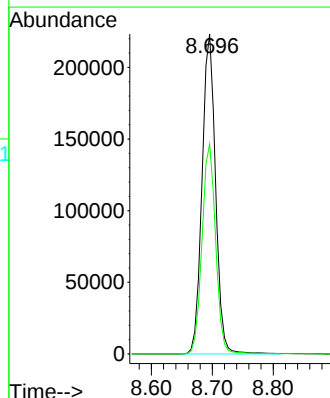
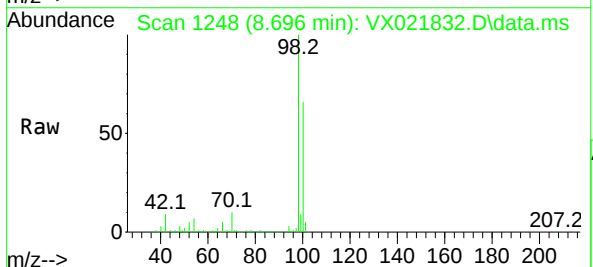
Acq: 22 Apr 2021 21:07

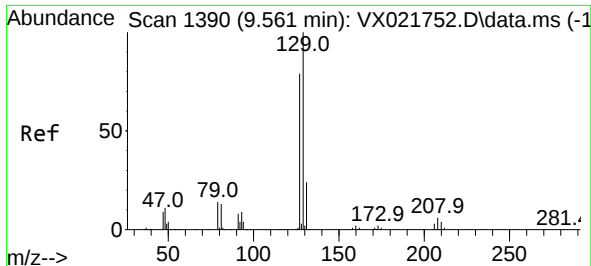
Tgt Ion: 98 Resp: 343855

Ion Ratio Lower Upper

98 100

100 66.2 51.9 77.9

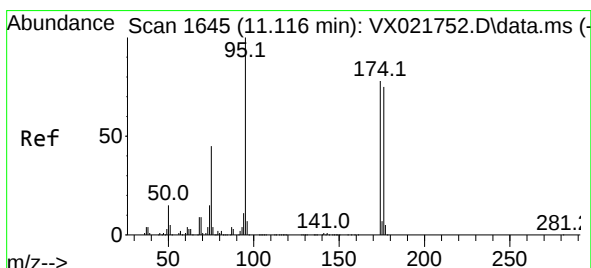
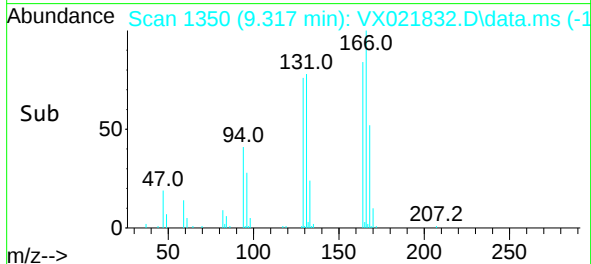
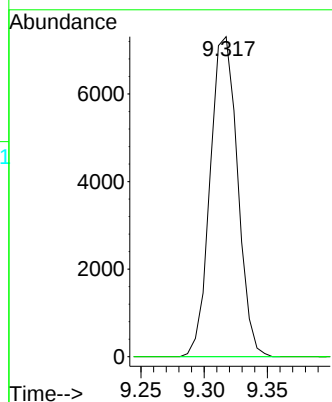
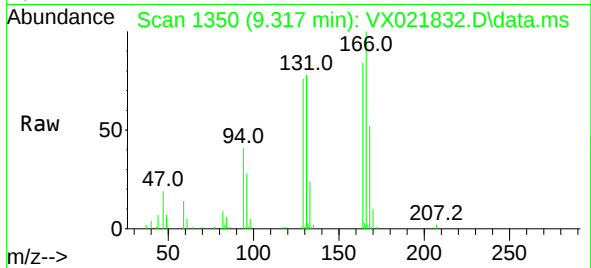




#60
Dibromochloromethane
Concen: 4.56 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX021832.D
Acq: 22 Apr 2021 21:07

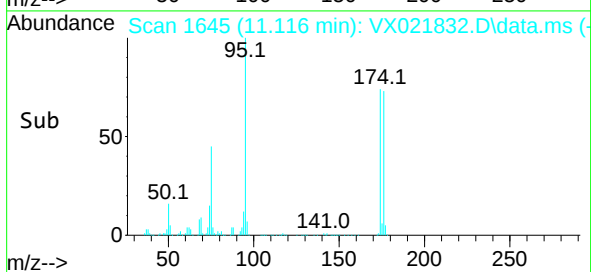
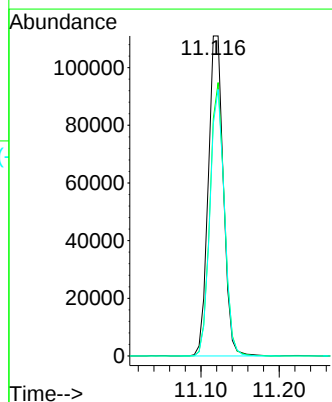
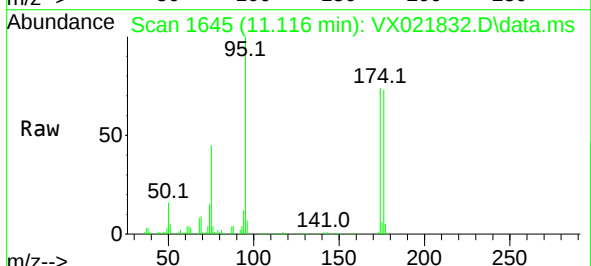
Instrument :
MSVOA_X
ClientSampleId :

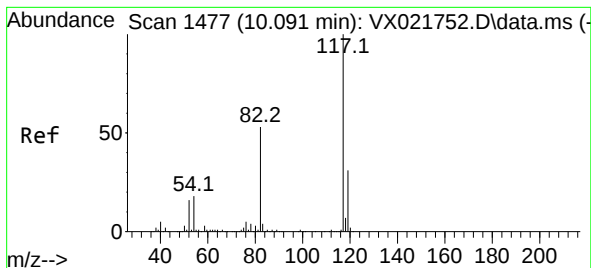
Tgt Ion:129 Resp: 11023
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 56.91 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021832.D
Acq: 22 Apr 2021 21:07

Tgt Ion: 95 Resp: 148424
Ion Ratio Lower Upper
95 100
174 81.2 0.0 154.6
176 79.6 0.0 155.8

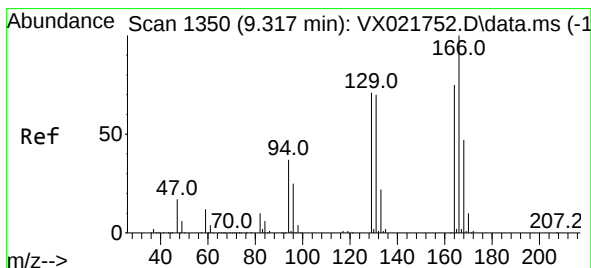
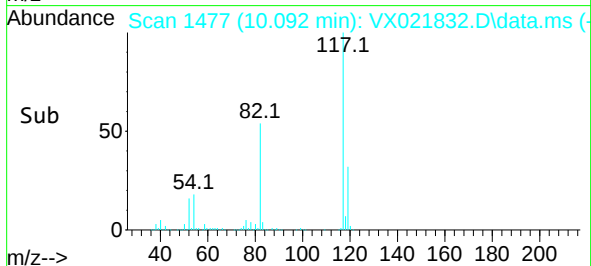
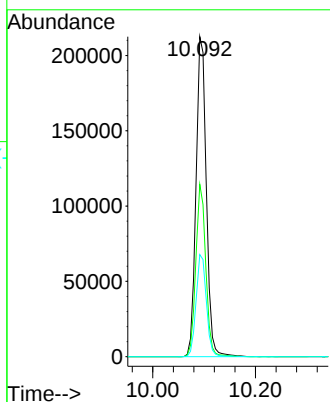
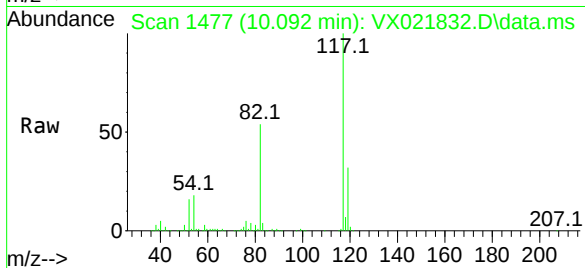




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021832.D
Acq: 22 Apr 2021 21:07

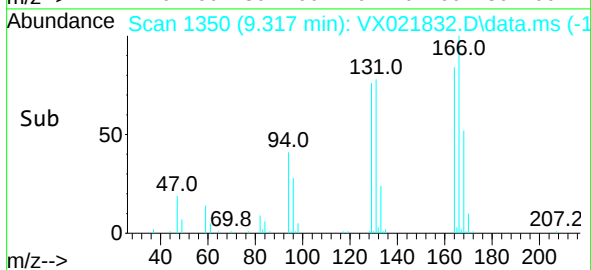
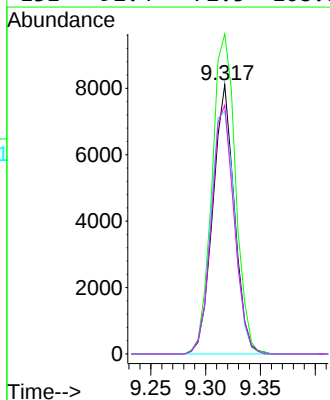
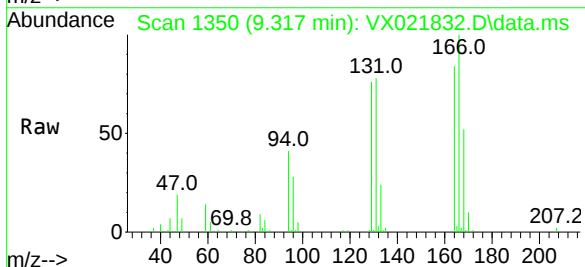
Instrument :
MSVOA_X
ClientSampleId :

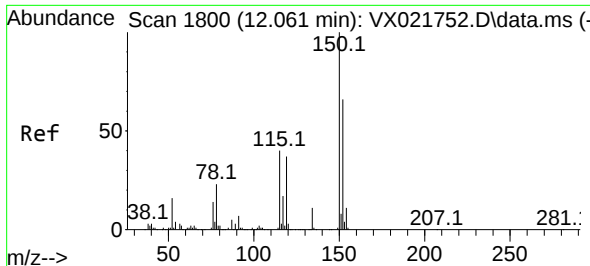
Tgt Ion:117 Resp: 295797
Ion Ratio Lower Upper
117 100
82 53.9 47.4 71.2
119 31.9 26.6 39.8



#64
Tetrachloroethene
Concen: 4.80 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX021832.D
Acq: 22 Apr 2021 21:07

Tgt Ion:164 Resp: 11093
Ion Ratio Lower Upper
164 100
166 118.8 103.4 155.2
129 90.1 70.8 106.2
131 92.4 72.5 108.7

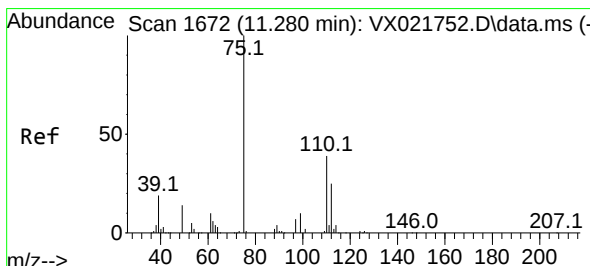
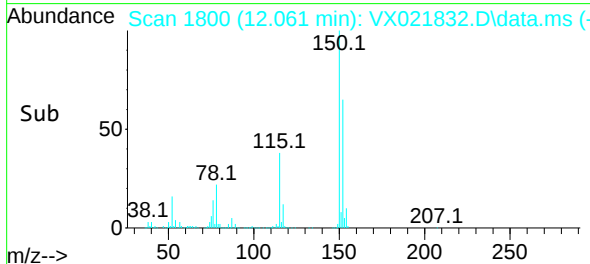
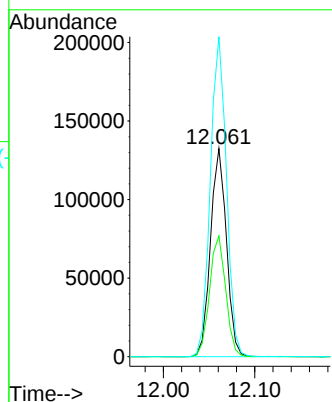
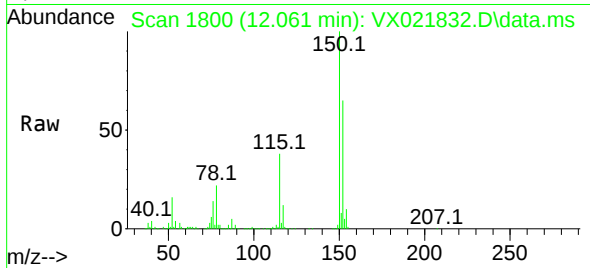




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021832.D
Acq: 22 Apr 2021 21:07

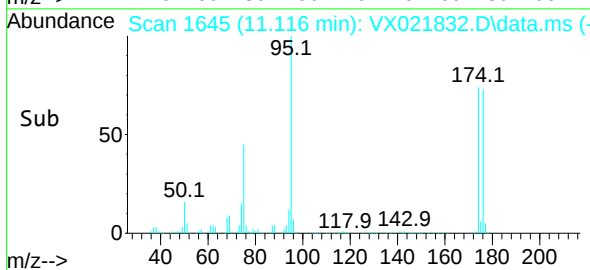
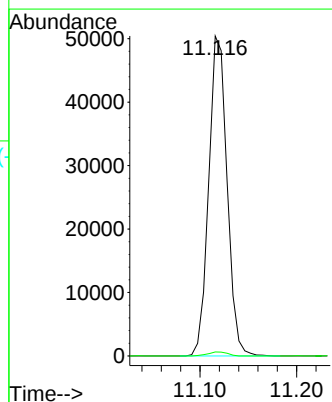
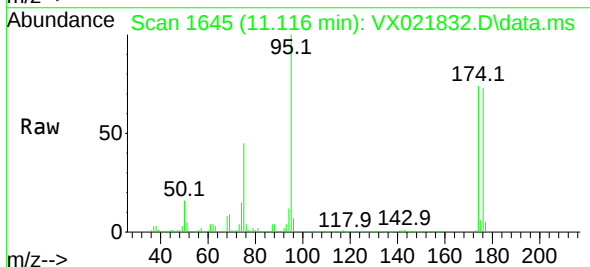
Instrument :
MSVOA_X
ClientSampleId :

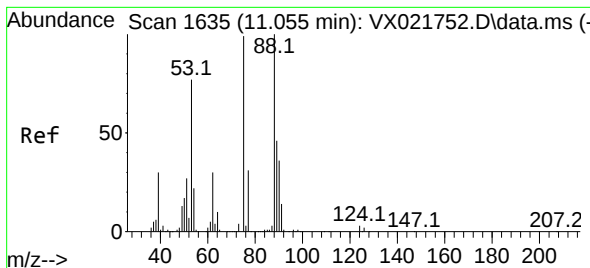
Tgt Ion:152 Resp: 160233
Ion Ratio Lower Upper
152 100
115 58.6 41.1 123.3
150 155.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 20.95 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021832.D
Acq: 22 Apr 2021 21:07

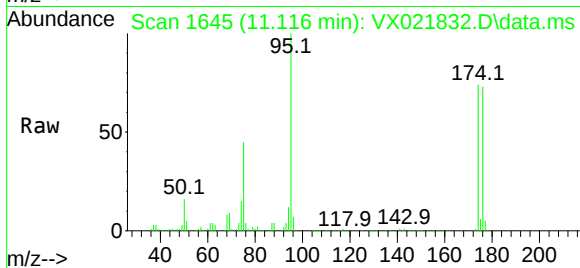
Tgt Ion: 75 Resp: 66555
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



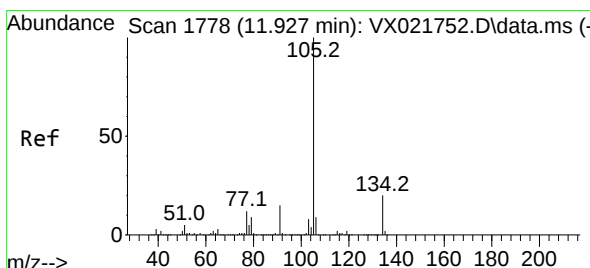
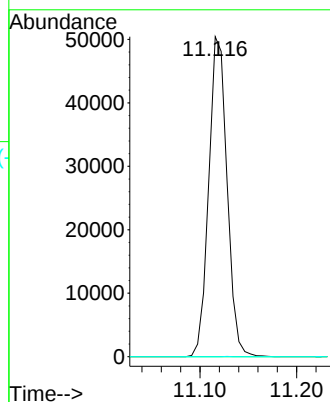
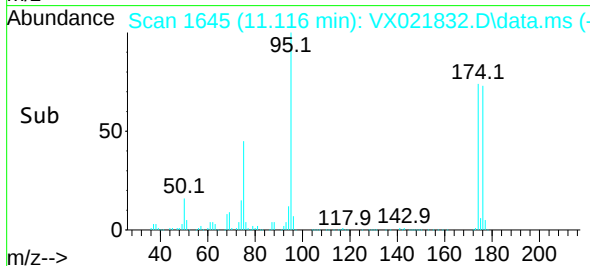


#81
trans-1,4-Dichloro-2-butene
Concen: 48.17 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021832.D
Acq: 22 Apr 2021 21:07

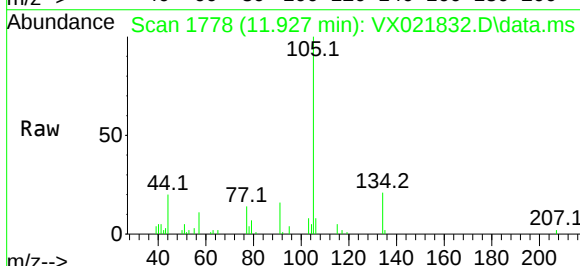
Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 75 Resp: 66555
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#85
sec-Butylbenzene
Concen: 0.41 ug/l
RT: 11.927 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VX021832.D
Acq: 22 Apr 2021 21:07



Tgt Ion: 105 Resp: 4486
Ion Ratio Lower Upper
105 100
134 20.2 10.0 29.8

