

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021842.D
 Acq On : 23 Apr 2021 15:14
 Operator : JC/MD
 Sample : M2138-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 26 04:04:12 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)

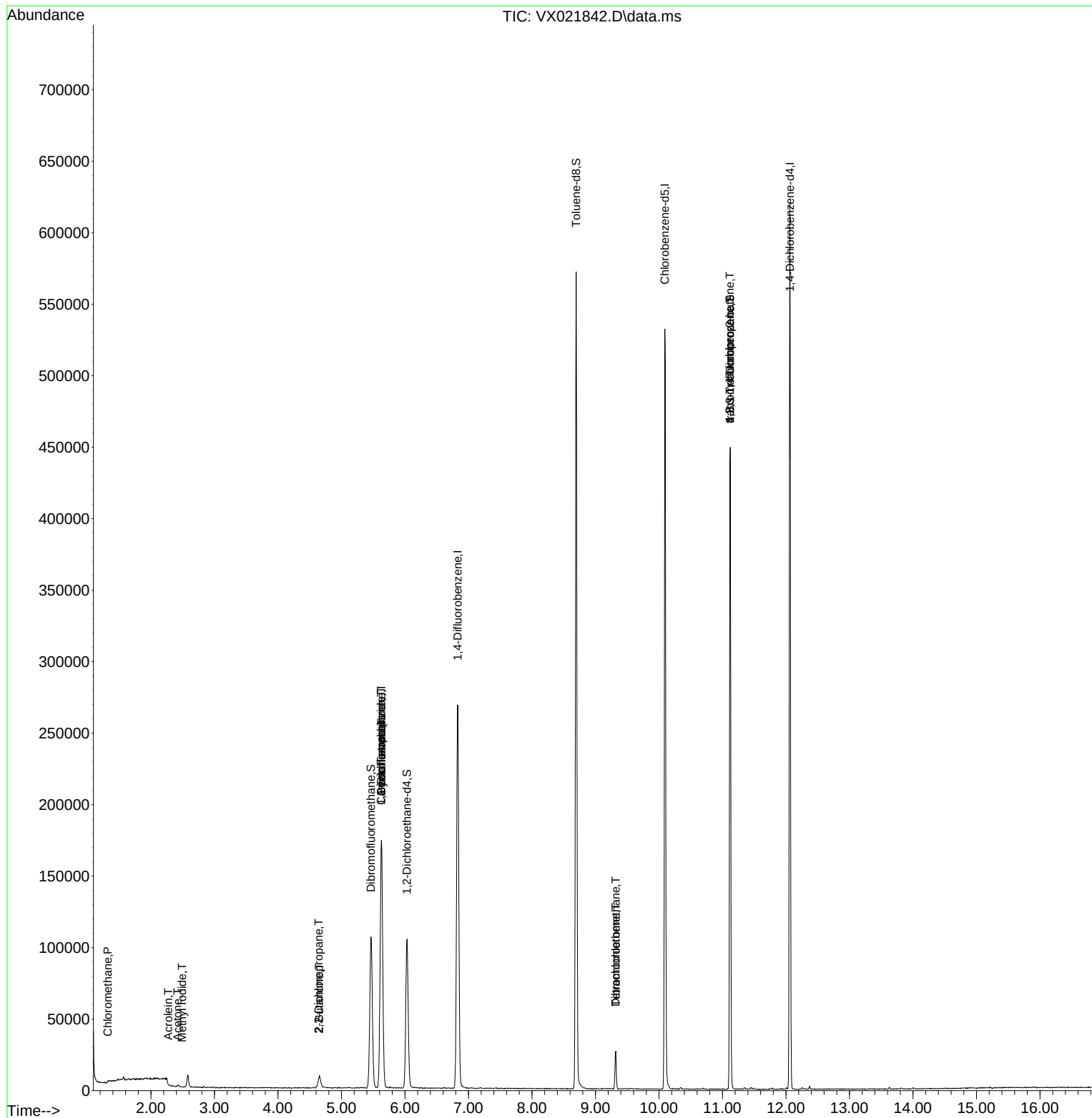
Internal Standards						
1) Pentafluorobenzene	5.629	168	175575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	297068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	271724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	133707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	98255	49.33	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.66%
35) Dibromofluoromethane	5.465	113	94155	49.56	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.12%
50) Toluene-d8	8.696	98	355005	48.60	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.20%
62) 4-Bromofluorobenzene	11.116	95	129364	47.42	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.84%
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	966	0.73	ug/l	97
10) Methyl Iodide	2.489	142	207	8.28	ug/l #	53
13) Acrolein	2.270	56	160	0.45	ug/l #	14
16) Acetone	2.416	43	1102	1.61	ug/l	96
25) 2-Butanone	4.648	43	1015	0.88	ug/l #	45
26) 2,2-Dichloropropane	4.641	77	818	0.27	ug/l #	52
31) Cyclohexane	5.629	56	3113	1.11	ug/l #	7
36) 1,1-Dichloropropene	5.623	75	11536	4.40	ug/l #	49
38) Carbon Tetrachloride	5.623	117	16931	5.90	ug/l #	16
60) Dibromochloromethane	9.317	129	5078	2.01	ug/l #	11
64) Tetrachloroethene	9.317	164	5197	2.45	ug/l	94
76) 1,2,3-Trichloropropane	11.116	75	59466	22.43	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	59466	51.57	ug/l #	12

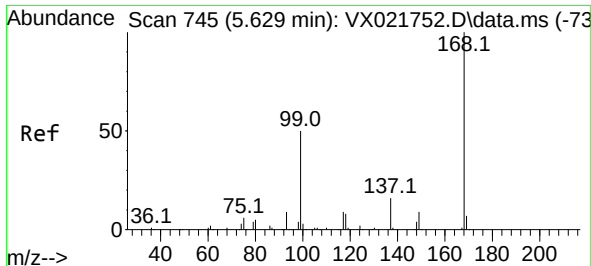
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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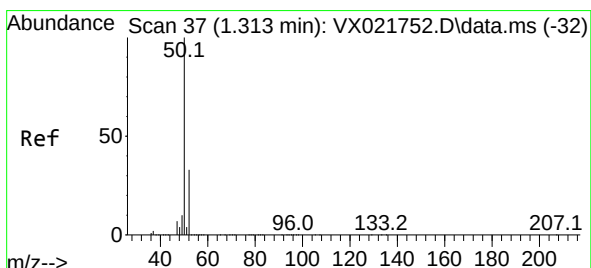
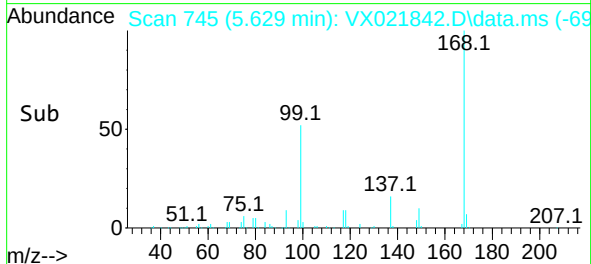
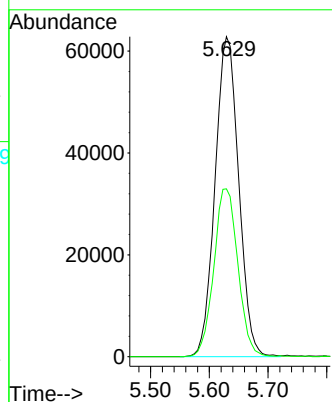
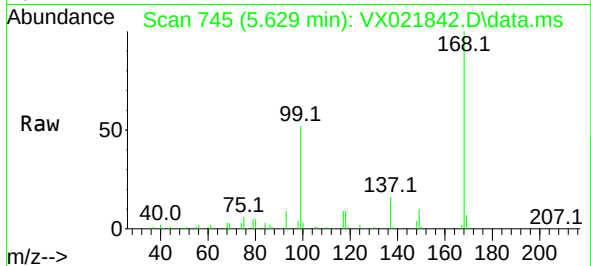




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021842.D
Acq: 23 Apr 2021 15:14

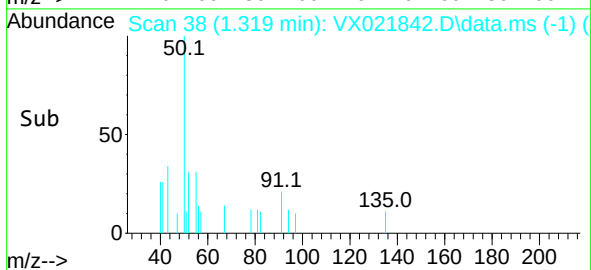
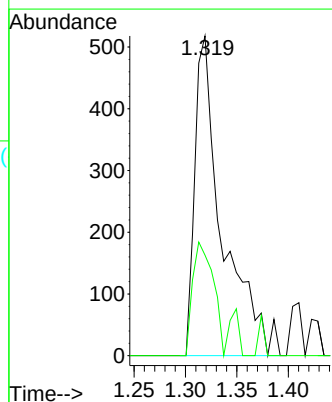
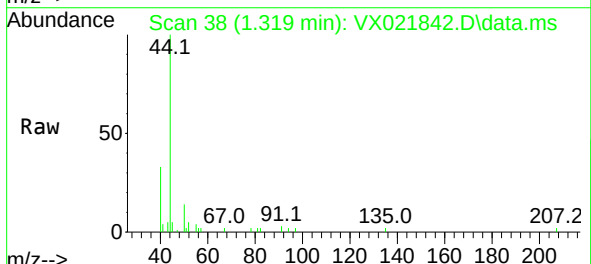
Instrument :
MSVOA_X
ClientSampled :

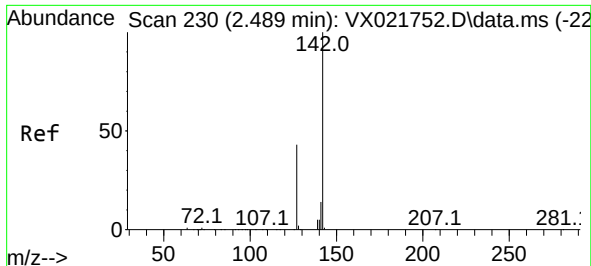
Tgt Ion:168 Resp: 175575
Ion Ratio Lower Upper
168 100
99 52.5 45.8 68.6



#3
Chloromethane
Concen: 0.73 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021842.D
Acq: 23 Apr 2021 15:14

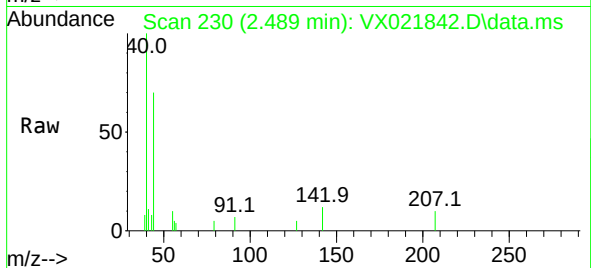
Tgt Ion: 50 Resp: 966
Ion Ratio Lower Upper
50 100
52 31.5 26.4 39.6



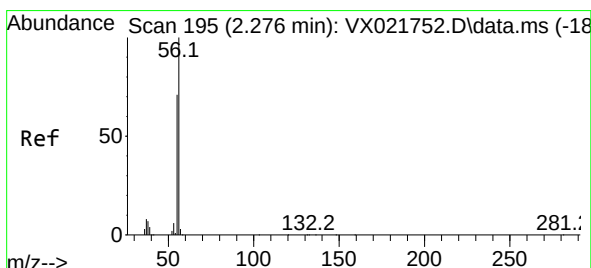
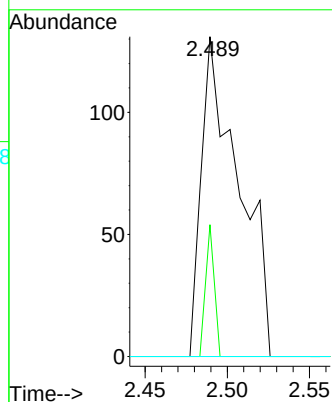
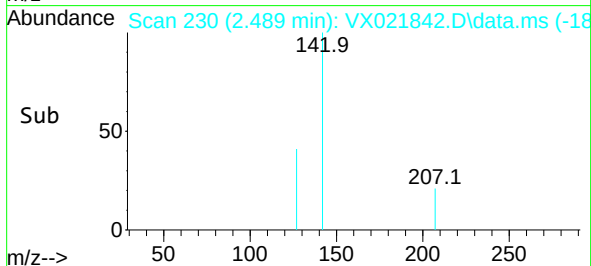


#10
Methyl Iodide
Concen: 8.28 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX021842.D
Acq: 23 Apr 2021 15:14

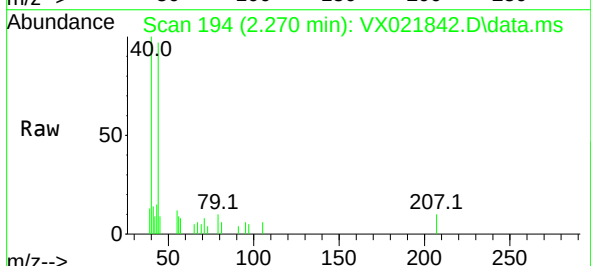
Instrument :
MSVOA_X
ClientSampled :



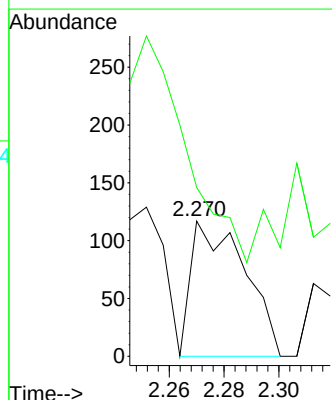
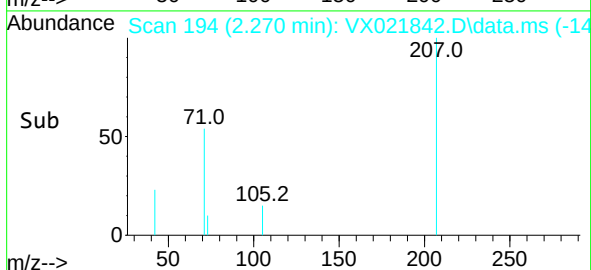
Tgt Ion:142 Resp: 207
Ion Ratio Lower Upper
142 100
127 9.7 33.3 49.9#
141 0.0 11.4 17.0#

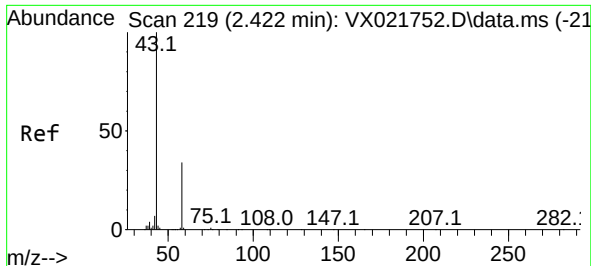


#13
Acrolein
Concen: 0.45 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.006 min
Lab File: VX021842.D
Acq: 23 Apr 2021 15:14



Tgt Ion: 56 Resp: 160
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

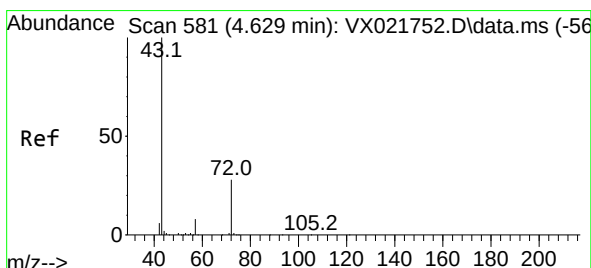
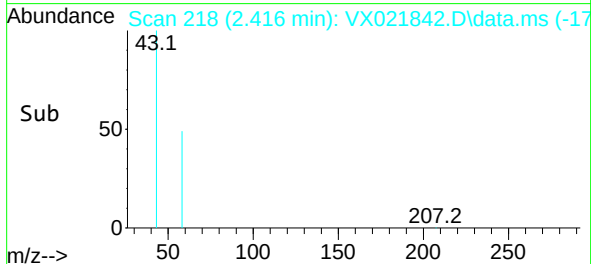
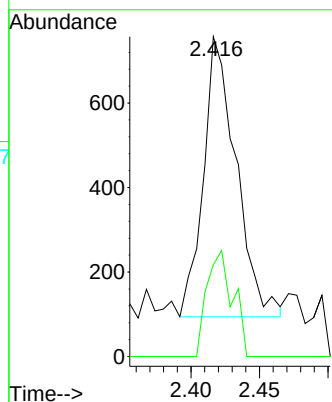
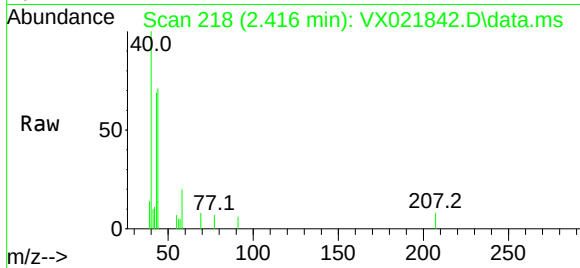




#16
Acetone
Concen: 1.61 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX021842.D
Acq: 23 Apr 2021 15:14

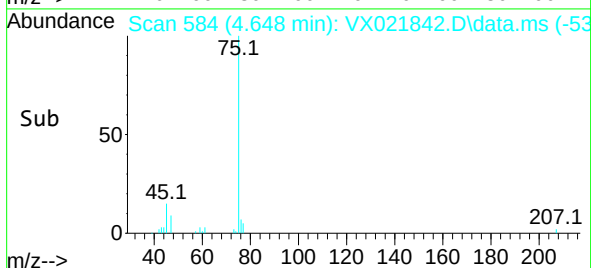
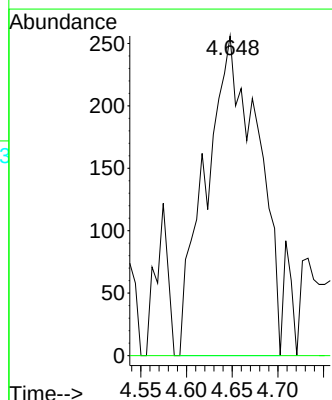
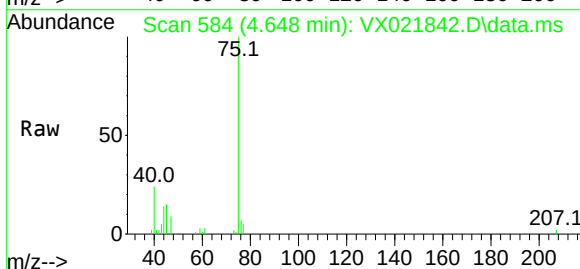
Instrument :
MSVOA_X
ClientSampleId :

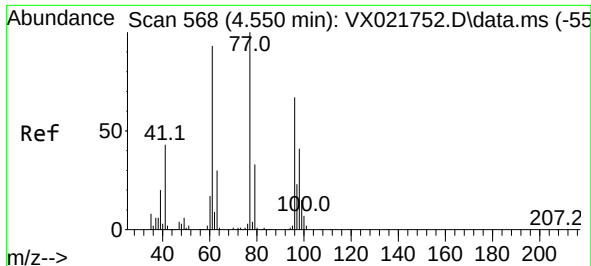
Tgt Ion: 43 Resp: 1102
Ion Ratio Lower Upper
43 100
58 32.7 27.8 41.8



#25
2-Butanone
Concen: 0.88 ug/l
RT: 4.648 min Scan# 584
Delta R.T. 0.019 min
Lab File: VX021842.D
Acq: 23 Apr 2021 15:14

Tgt Ion: 43 Resp: 1015
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

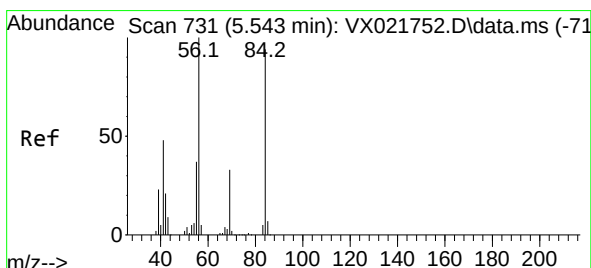
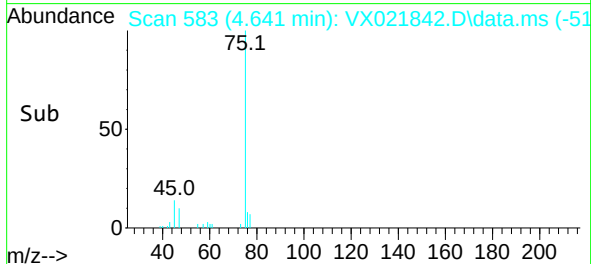
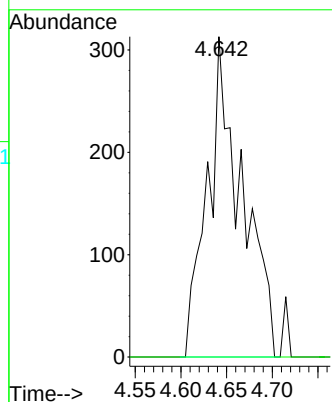
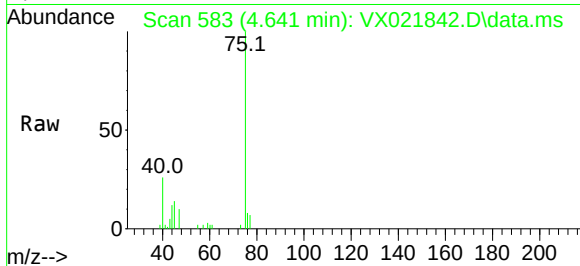




#26
2,2-Dichloropropane
Concen: 0.27 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.091 min
Lab File: VX021842.D
Acq: 23 Apr 2021 15:14

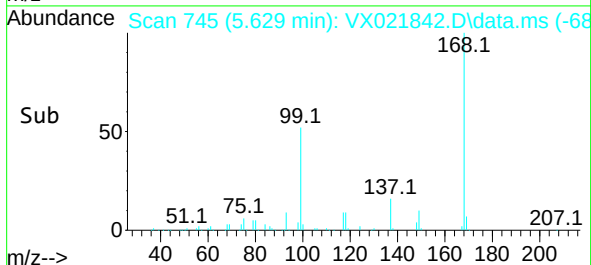
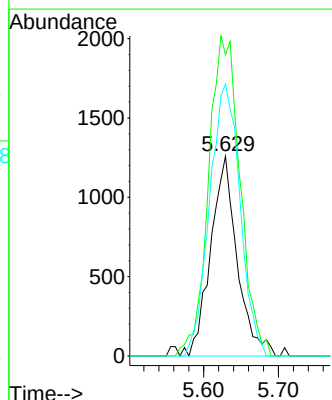
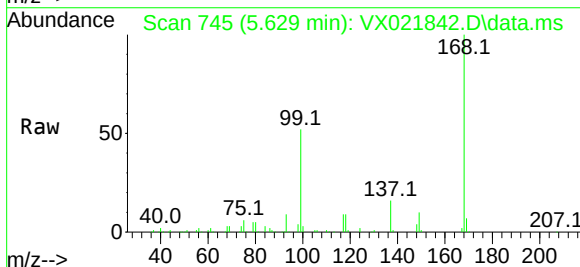
Instrument :
MSVOA_X
ClientSampled :

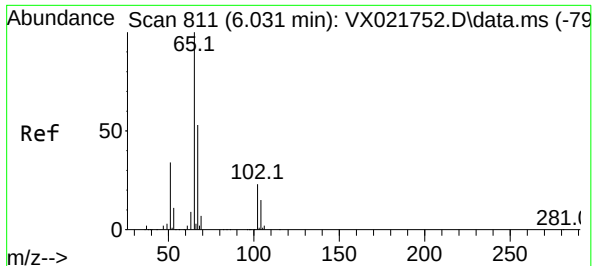
Tgt Ion: 77 Resp: 818
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.086 min
Lab File: VX021842.D
Acq: 23 Apr 2021 15:14

Tgt Ion: 56 Resp: 3113
Ion Ratio Lower Upper
56 100
69 151.0 25.3 37.9#
84 136.2 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.33 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.001 min

Lab File: VX021842.D

Acq: 23 Apr 2021 15:14

Tgt Ion: 65 Resp: 98255

Ion Ratio Lower Upper

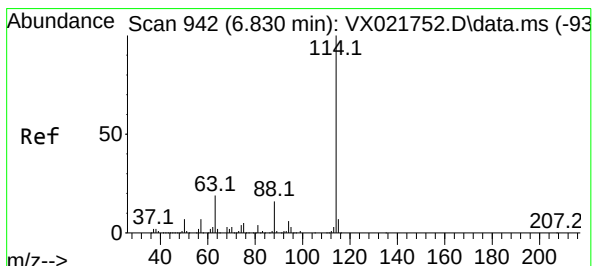
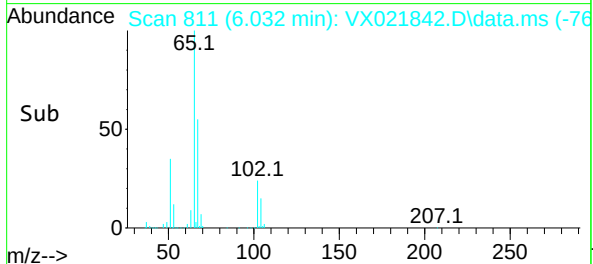
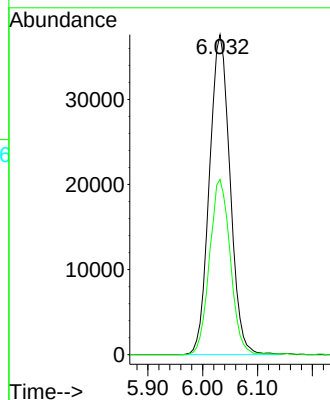
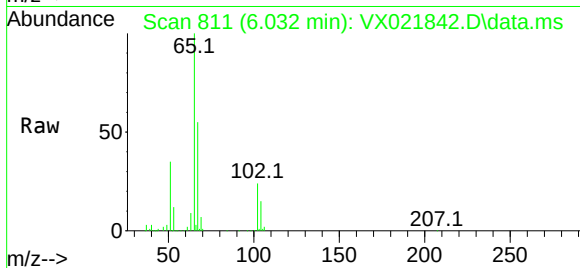
65 100

67 55.0 0.0 105.4

Instrument :

MSVOA_X

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.000 min

Lab File: VX021842.D

Acq: 23 Apr 2021 15:14

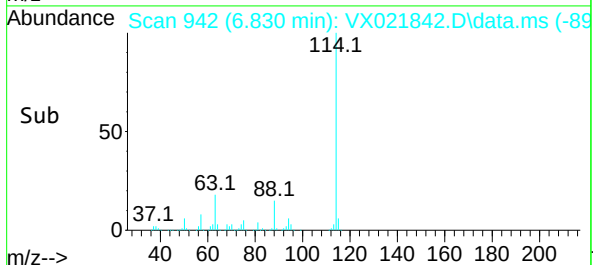
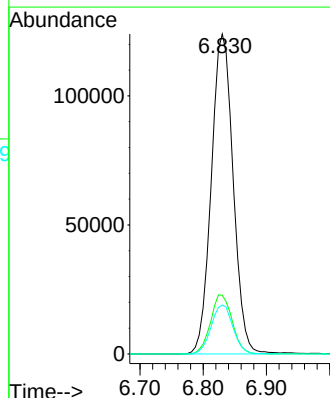
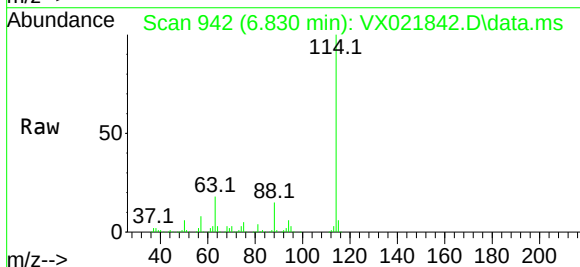
Tgt Ion: 114 Resp: 297068

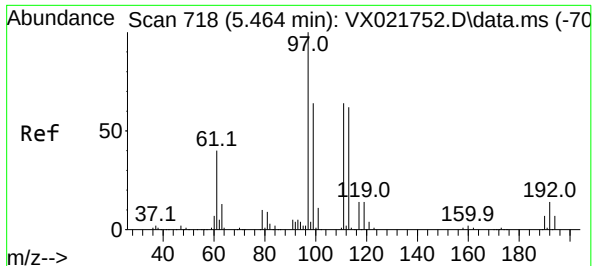
Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.8

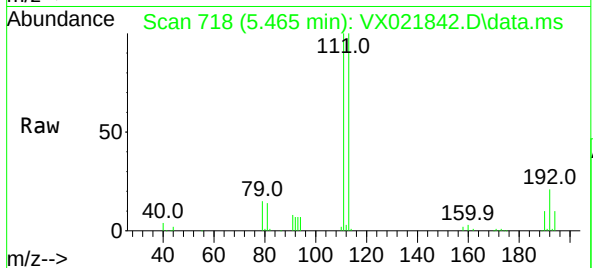
88 15.3 0.0 32.8



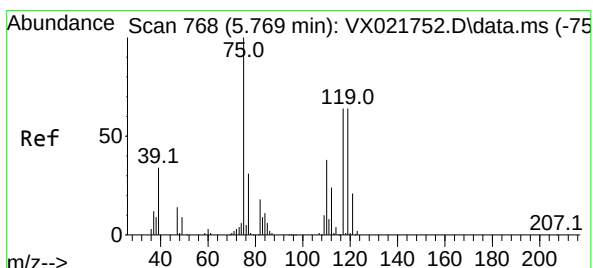
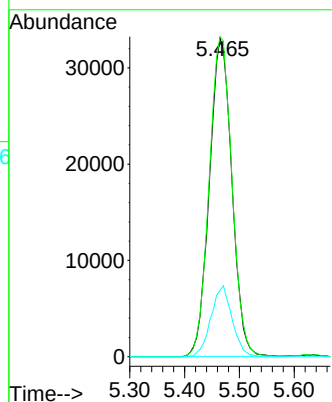
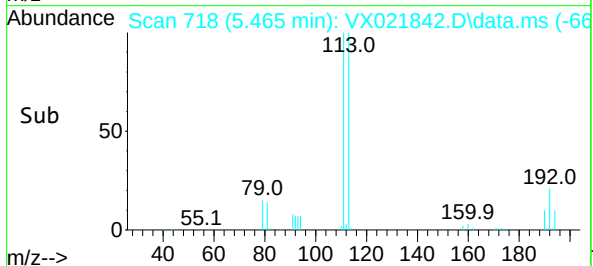


#35
Dibromofluoromethane
Concen: 49.56 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX021842.D
Acq: 23 Apr 2021 15:14

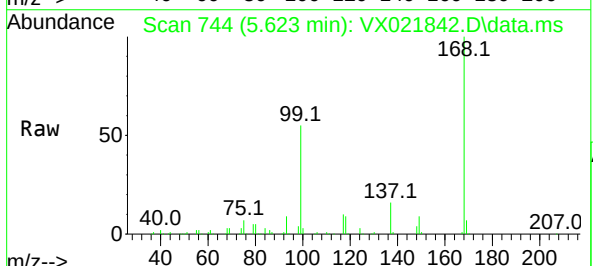
Instrument :
MSVOA_X
ClientSampleId :



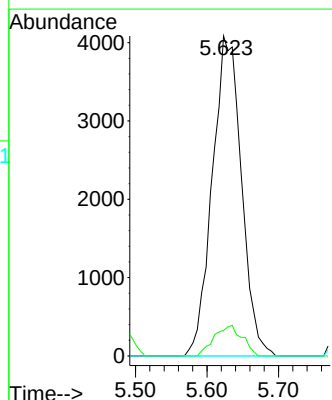
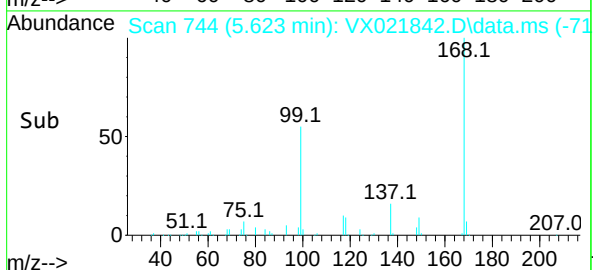
Tgt Ion: 113 Resp: 94155
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 20.9 16.7 25.1

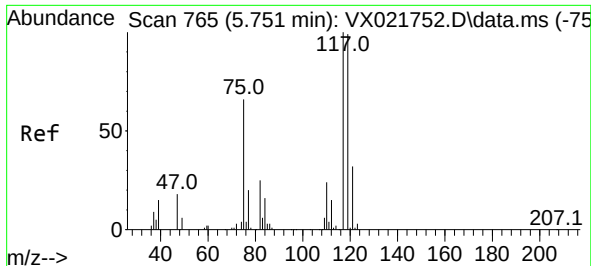


#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX021842.D
Acq: 23 Apr 2021 15:14



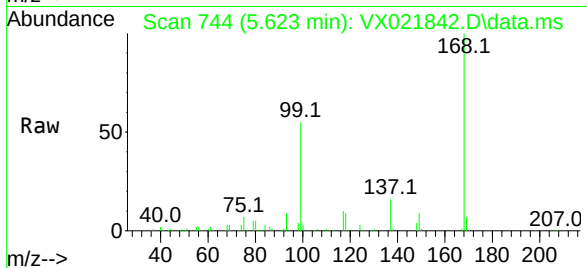
Tgt Ion: 75 Resp: 11536
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



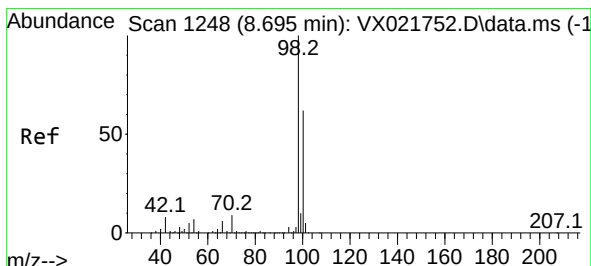
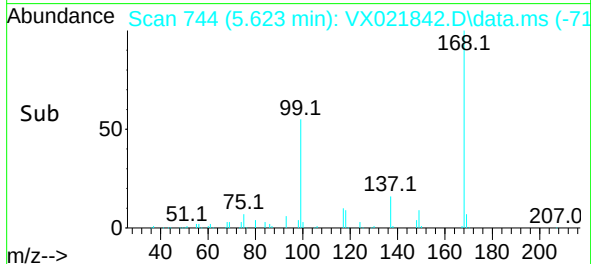
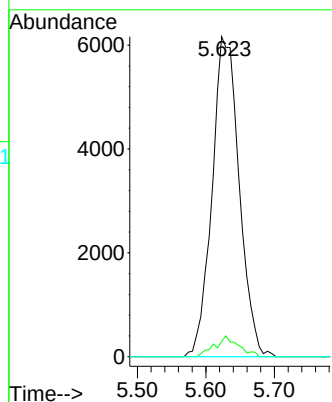


#38
Carbon Tetrachloride
Concen: 5.90 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX021842.D
Acq: 23 Apr 2021 15:14

Instrument :
MSVOA_X
ClientSampleId :

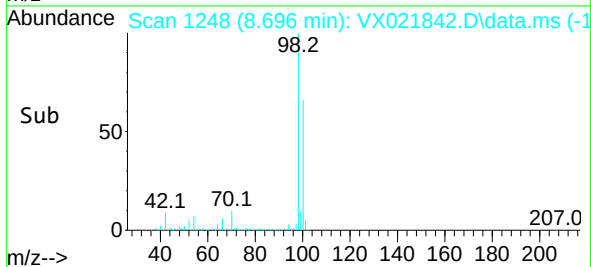
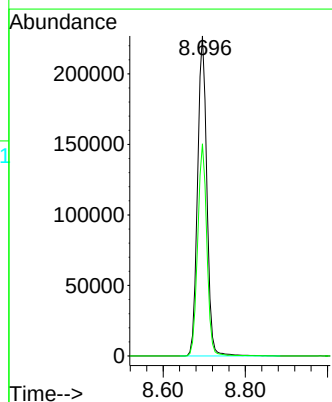
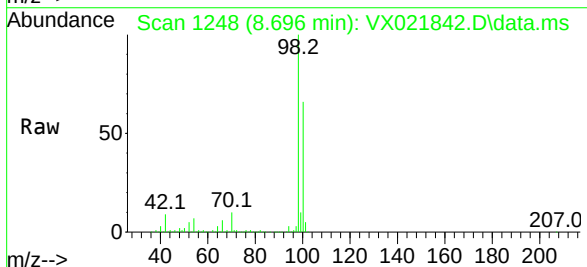


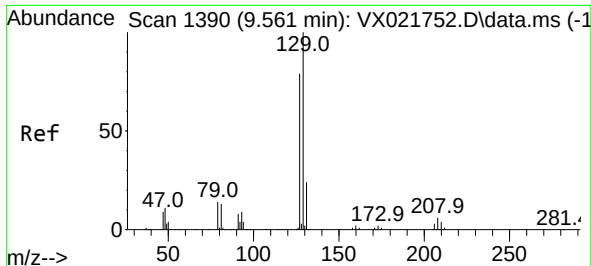
Tgt Ion:117 Resp: 16931
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.60 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021842.D
Acq: 23 Apr 2021 15:14

Tgt Ion: 98 Resp: 355005
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

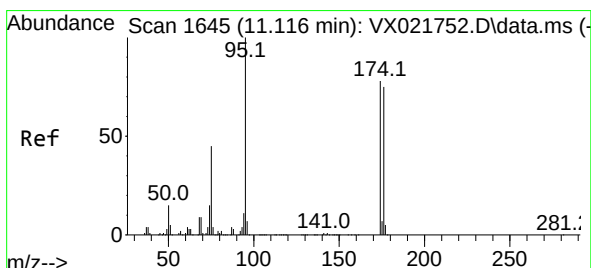
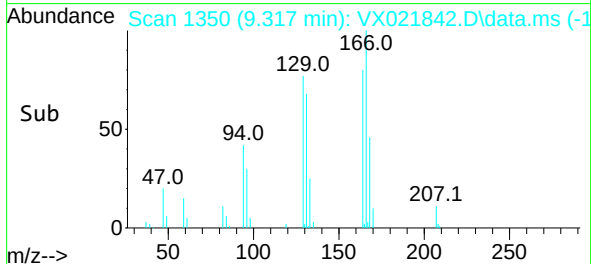
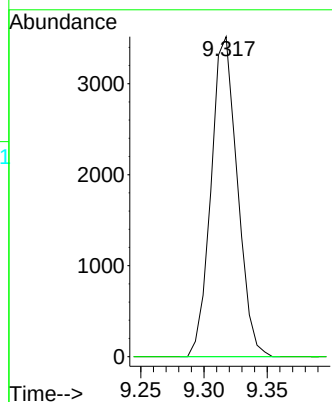
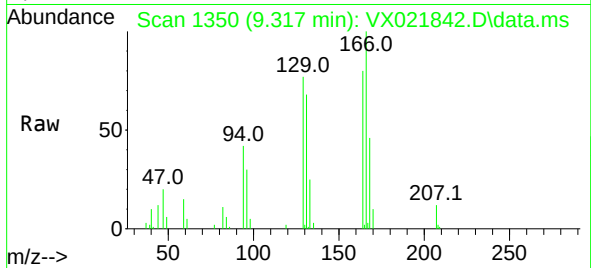




#60
Dibromochloromethane
Concen: 2.01 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX021842.D
Acq: 23 Apr 2021 15:14

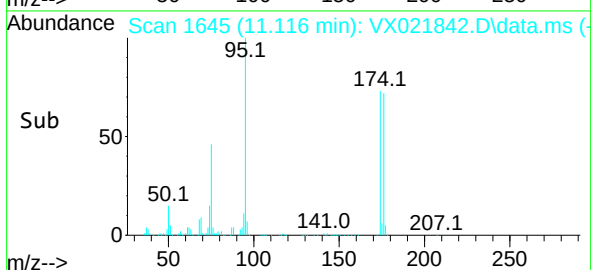
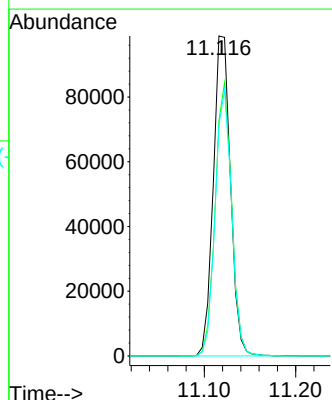
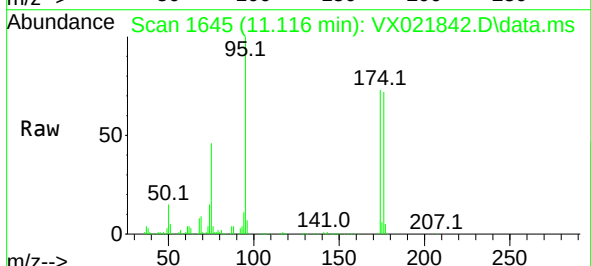
Instrument :
MSVOA_X
ClientSampleId :

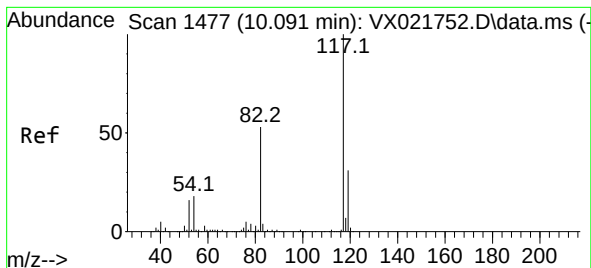
Tgt Ion:129 Resp: 5078
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 47.42 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021842.D
Acq: 23 Apr 2021 15:14

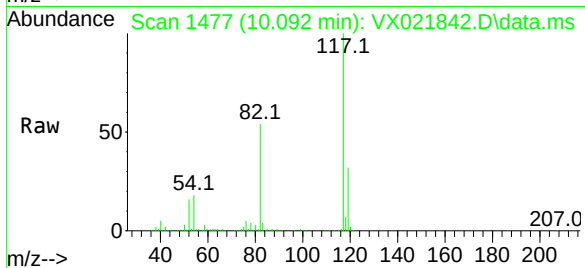
Tgt Ion: 95 Resp: 129364
Ion Ratio Lower Upper
95 100
174 82.0 0.0 154.6
176 79.7 0.0 155.8



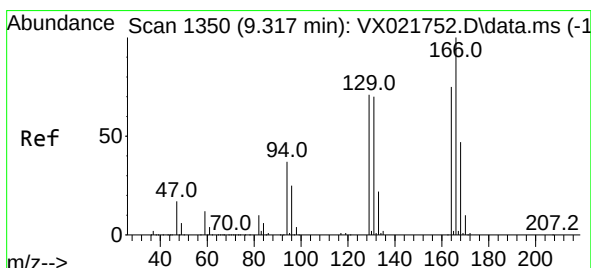
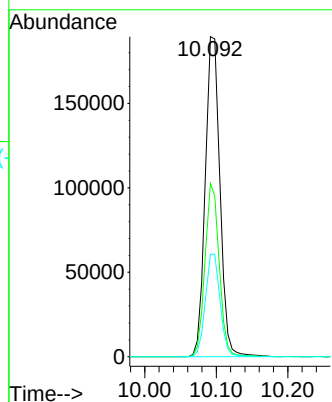
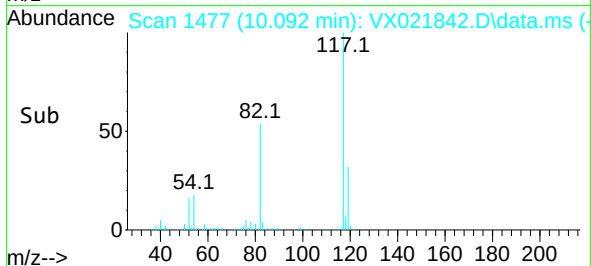


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021842.D
Acq: 23 Apr 2021 15:14

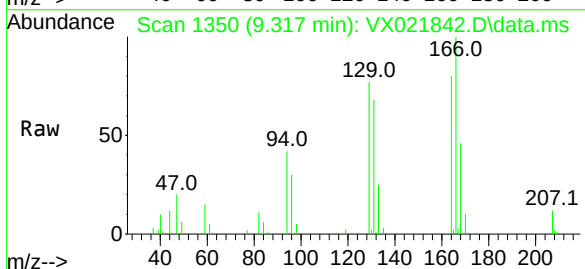
Instrument :
MSVOA_X
ClientSampleId :



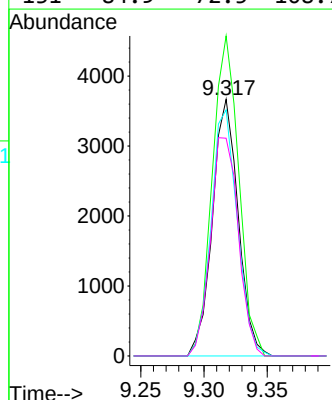
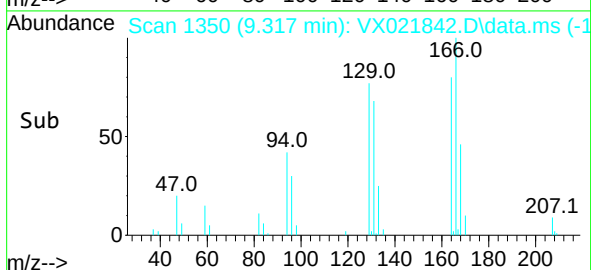
Tgt Ion:117 Resp: 271724
Ion Ratio Lower Upper
117 100
82 54.1 47.4 71.2
119 32.1 26.6 39.8

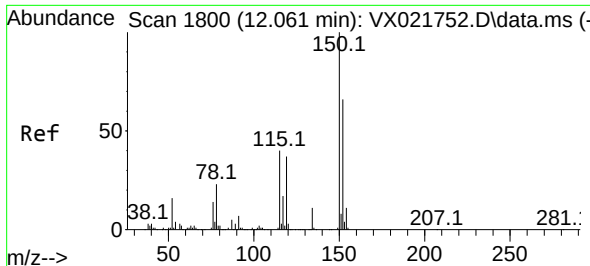


#64
Tetrachloroethene
Concen: 2.45 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX021842.D
Acq: 23 Apr 2021 15:14



Tgt Ion:164 Resp: 5197
Ion Ratio Lower Upper
164 100
166 124.7 103.4 155.2
129 95.9 70.8 106.2
131 84.9 72.5 108.7

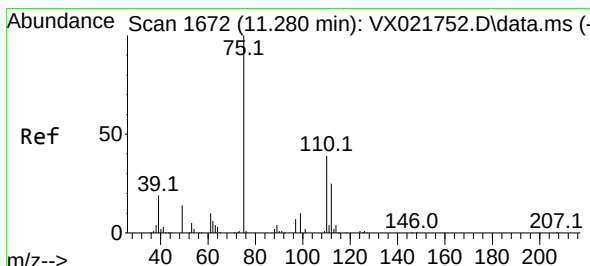
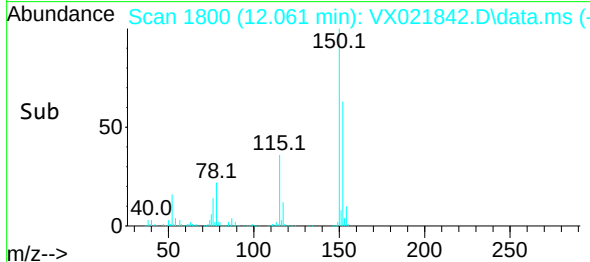
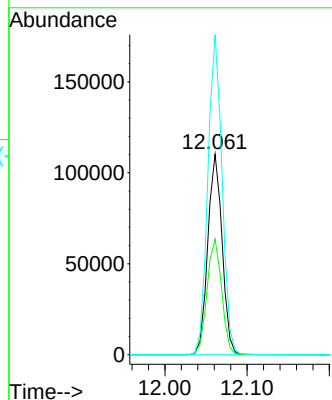
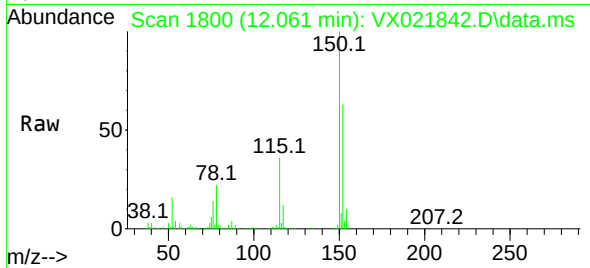




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021842.D
 Acq: 23 Apr 2021 15:14

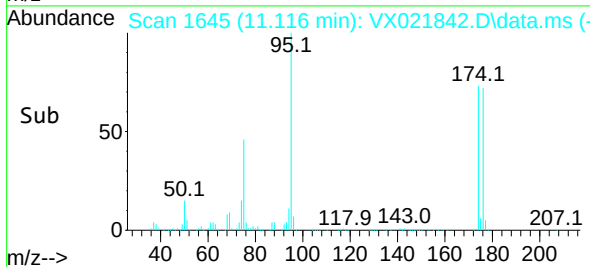
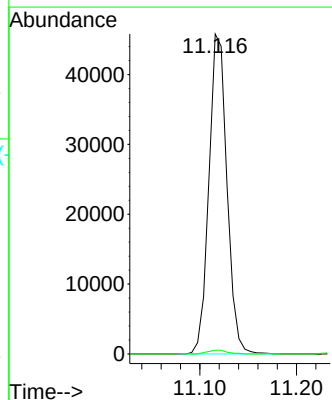
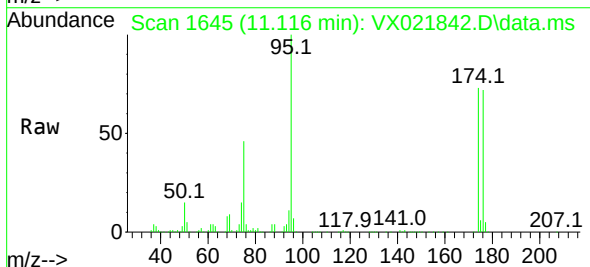
Instrument :
 MSVOA_X
 ClientSampleId :

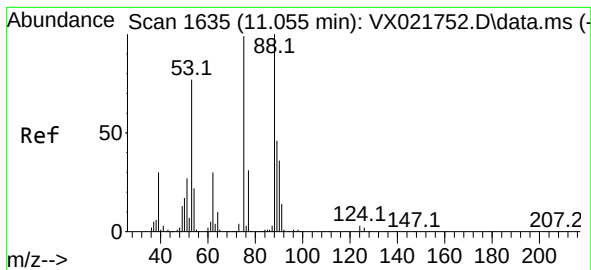
Tgt Ion:152 Resp: 133707
 Ion Ratio Lower Upper
 152 100
 115 58.6 41.1 123.3
 150 158.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 22.43 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021842.D
 Acq: 23 Apr 2021 15:14

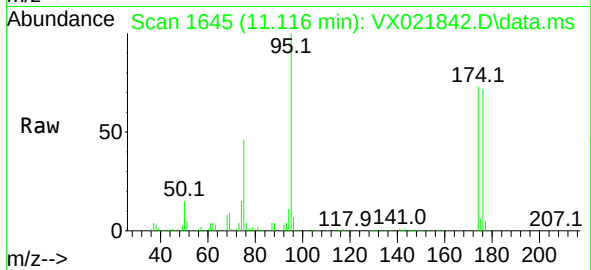
Tgt Ion: 75 Resp: 59466
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.57 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX021842.D
 Acq: 23 Apr 2021 15:14

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 59466
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

