

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021854.D
 Acq On : 23 Apr 2021 19:47
 Operator : JC/MD
 Sample : M2149-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 26 04:07:19 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)

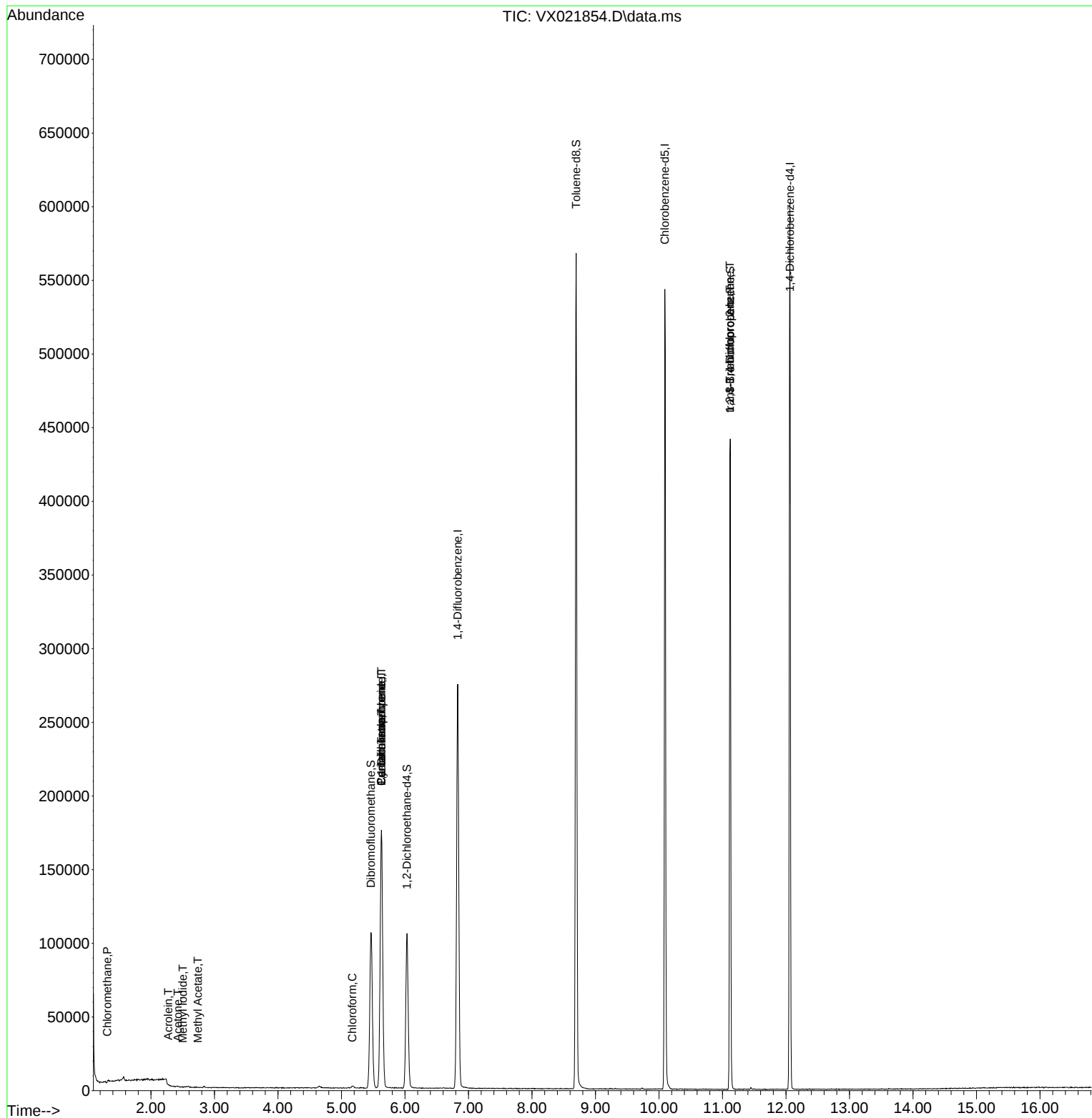
Internal Standards						
1) Pentafluorobenzene	5.629	168	178005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	297958	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	269813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	130383	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	98392	48.72	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.44%
35) Dibromofluoromethane	5.465	113	94725	49.71	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.42%
50) Toluene-d8	8.696	98	355147	48.48	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.96%
62) 4-Bromofluorobenzene	11.122	95	127149	46.47	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.94%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	637	0.58	ug/l #	78
10) Methyl Iodide	2.502	142	97	8.21	ug/l #	42
13) Acrolein	2.270	56	130	0.36	ug/l #	14
16) Acetone	2.422	43	683	0.98	ug/l	90
18) Methyl Acetate	2.739	43	386	0.20	ug/l #	47
30) Chloroform	5.172	83	1969	0.58	ug/l #	77
31) Cyclohexane	5.629	56	3035	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	11524	4.38	ug/l #	50
38) Carbon Tetrachloride	5.629	117	16600	5.76	ug/l #	16
76) 1,2,3-Trichloropropane	11.116	75	57399	22.20	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	57399	51.05	ug/l #	12

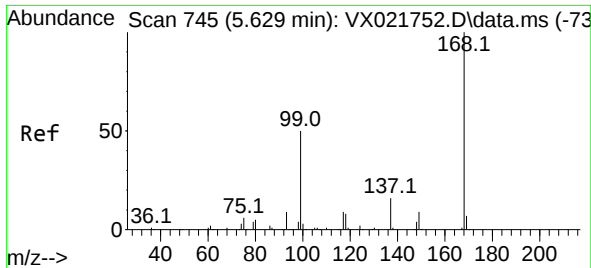
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
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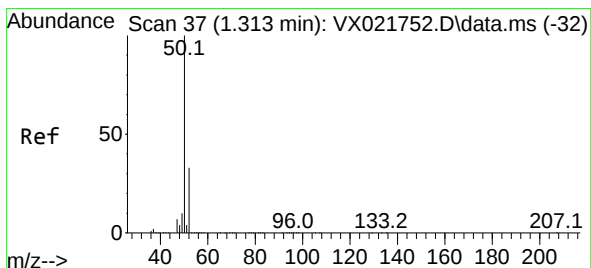
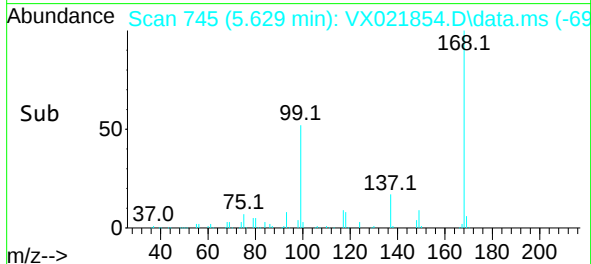
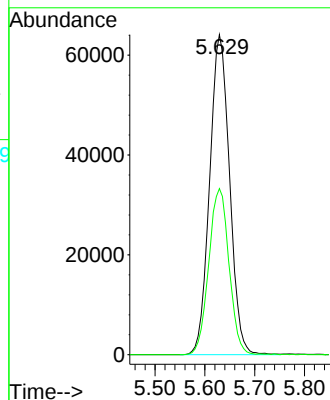
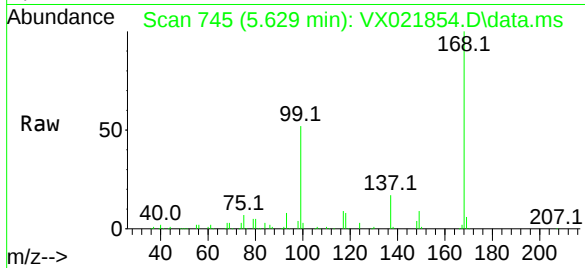




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021854.D
Acq: 23 Apr 2021 19:47

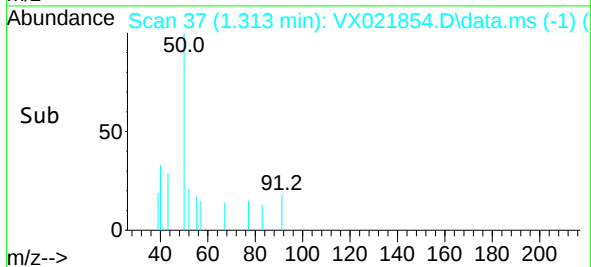
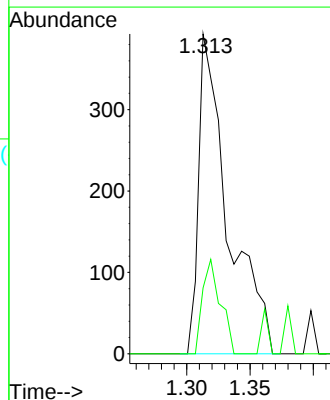
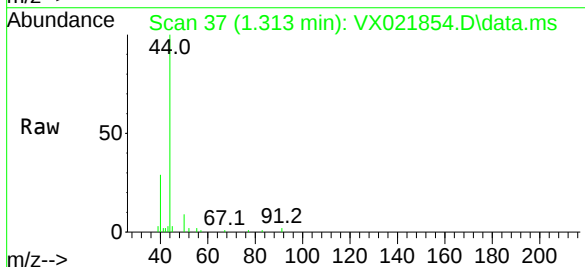
Instrument :
MSVOA_X
ClientSampled :

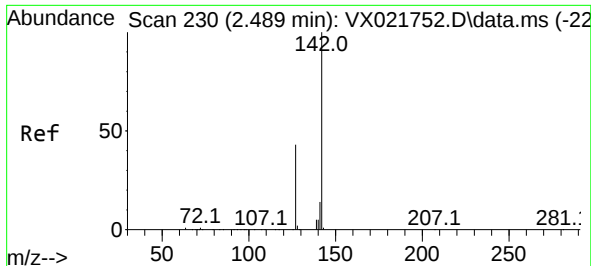
Tgt Ion:168 Resp: 178005
Ion Ratio Lower Upper
168 100
99 51.9 45.8 68.6



#3
Chloromethane
Concen: 0.58 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX021854.D
Acq: 23 Apr 2021 19:47

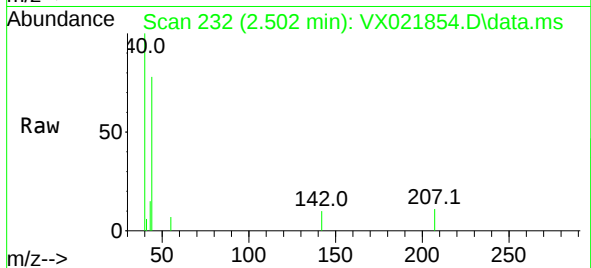
Tgt Ion: 50 Resp: 637
Ion Ratio Lower Upper
50 100
52 20.6 26.4 39.6#



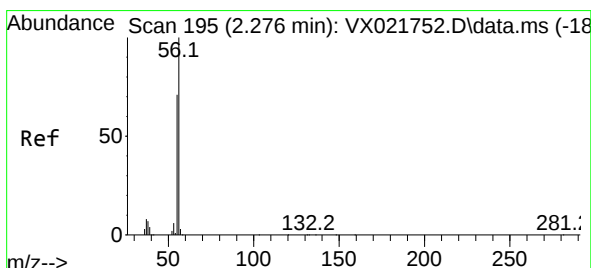
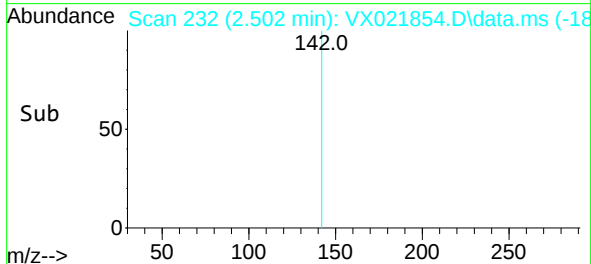
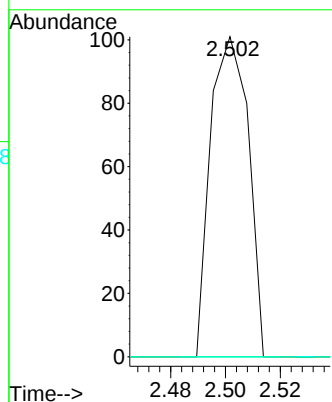


#10
Methyl Iodide
Concen: 8.21 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.013 min
Lab File: VX021854.D
Acq: 23 Apr 2021 19:47

Instrument :
MSVOA_X
ClientSampled :

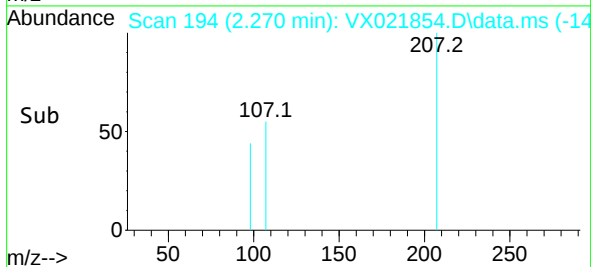
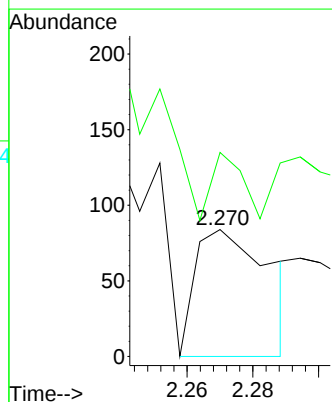
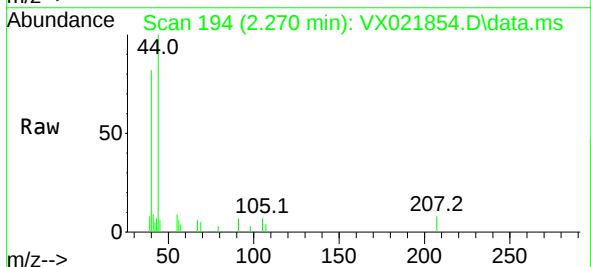


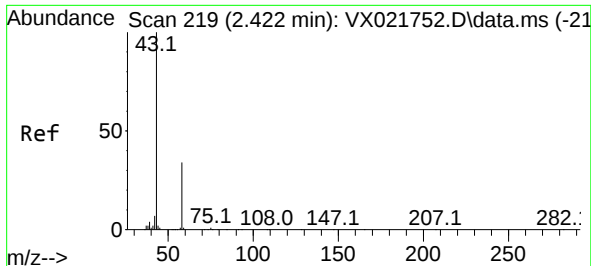
Tgt Ion:142 Resp: 97
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 0.36 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.006 min
Lab File: VX021854.D
Acq: 23 Apr 2021 19:47

Tgt Ion: 56 Resp: 130
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

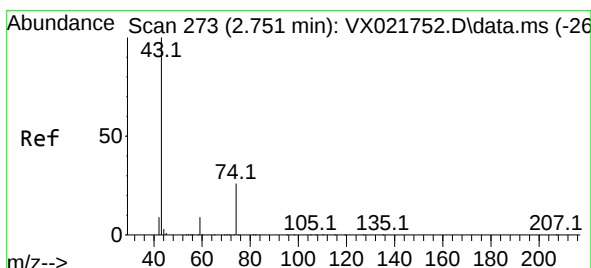
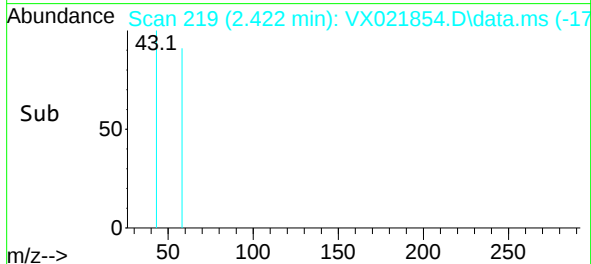
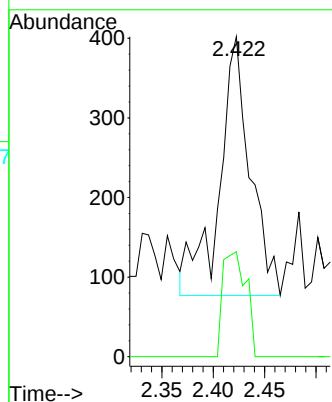
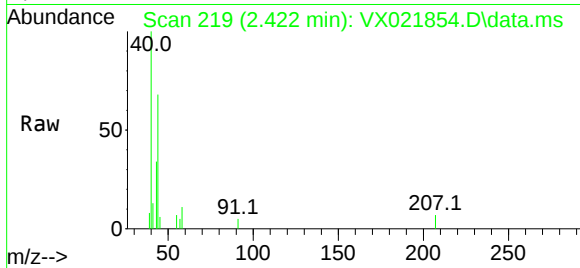




#16
Acetone
Concen: 0.98 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021854.D
Acq: 23 Apr 2021 19:47

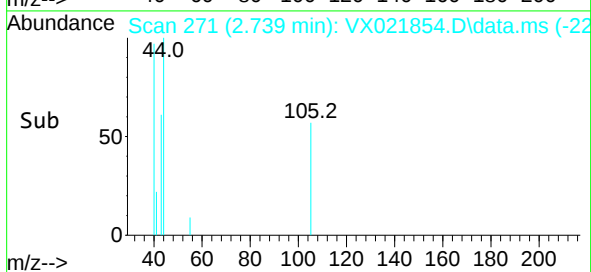
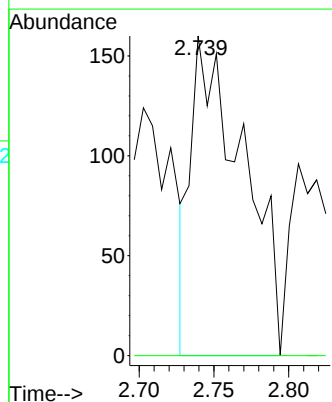
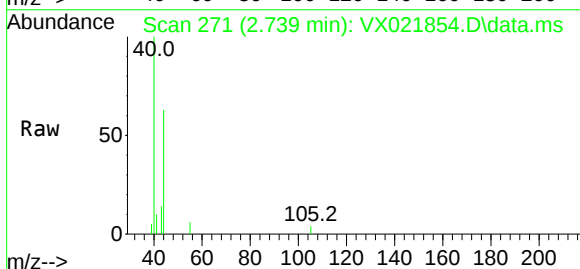
Instrument :
MSVOA_X
ClientSampled :

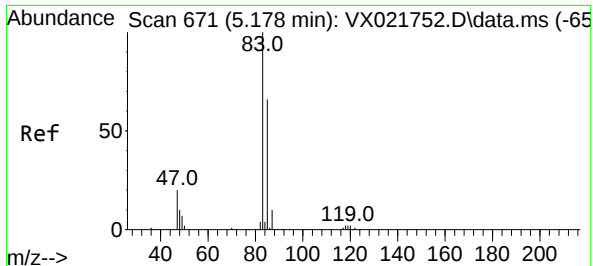
Tgt Ion: 43 Resp: 683
Ion Ratio Lower Upper
43 100
58 40.6 27.8 41.8



#18
Methyl Acetate
Concen: 0.20 ug/l
RT: 2.739 min Scan# 271
Delta R.T. -0.012 min
Lab File: VX021854.D
Acq: 23 Apr 2021 19:47

Tgt Ion: 43 Resp: 386
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#30

Chloroform

Concen: 0.58 ug/l

RT: 5.172 min Scan# 670

Delta R.T. -0.006 min

Lab File: VX021854.D

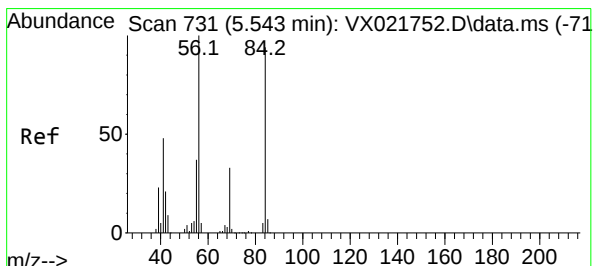
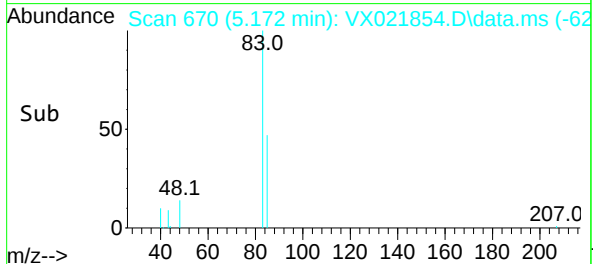
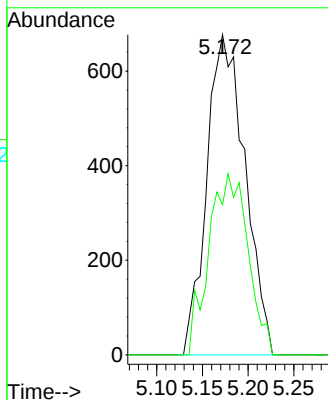
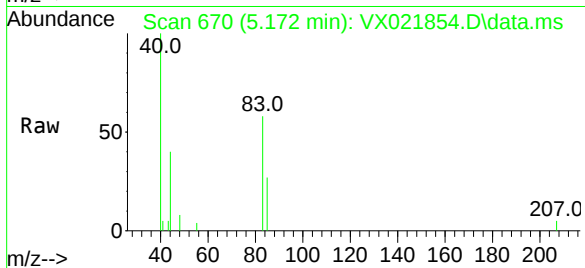
Acq: 23 Apr 2021 19:47

Tgt Ion: 83 Resp: 1969

Ion Ratio Lower Upper

83 100

85 46.8 52.0 78.0#



#31

Cyclohexane

Concen: 1.07 ug/l

RT: 5.629 min Scan# 745

Delta R.T. 0.086 min

Lab File: VX021854.D

Acq: 23 Apr 2021 19:47

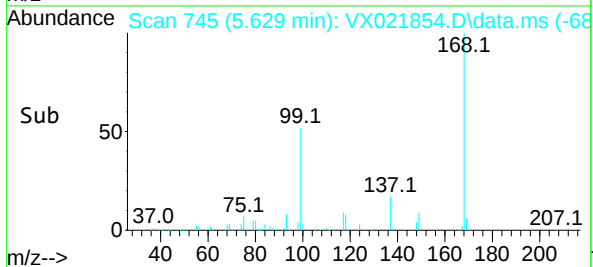
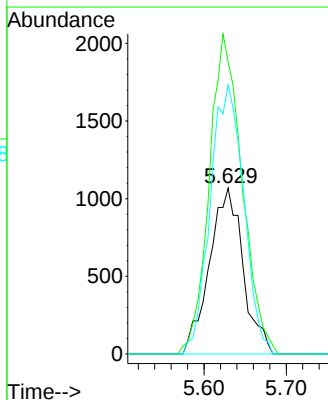
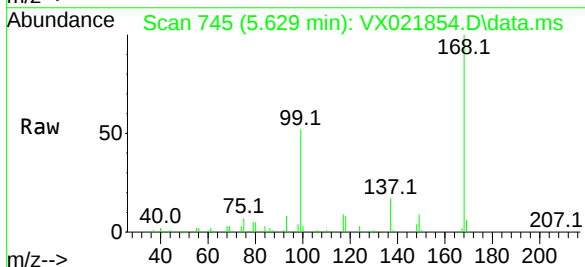
Tgt Ion: 56 Resp: 3035

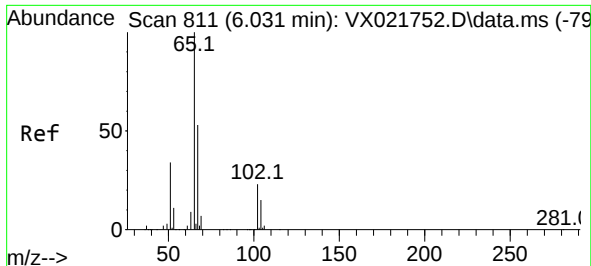
Ion Ratio Lower Upper

56 100

69 176.2 25.3 37.9#

84 162.1 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.72 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.001 min

Lab File: VX021854.D

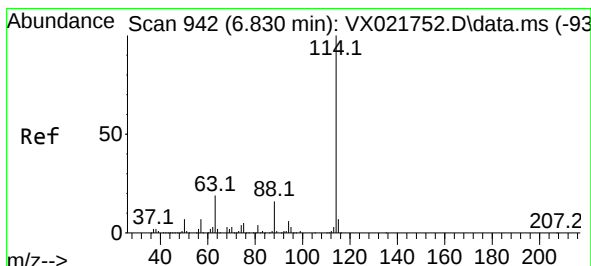
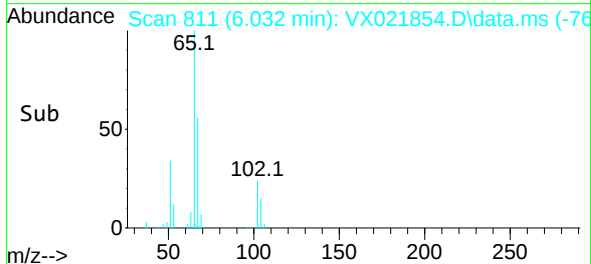
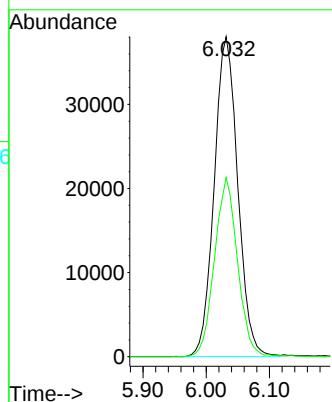
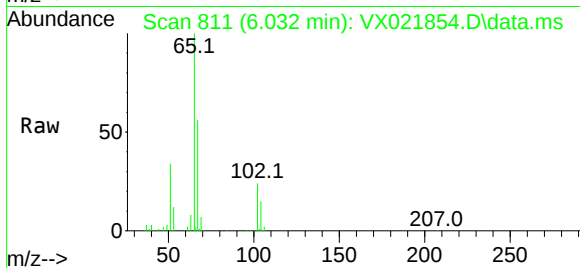
Acq: 23 Apr 2021 19:47

Tgt Ion: 65 Resp: 98392

Ion Ratio Lower Upper

65 100

67 54.6 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: VX021854.D

Acq: 23 Apr 2021 19:47

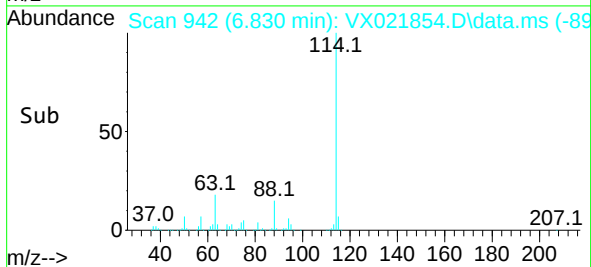
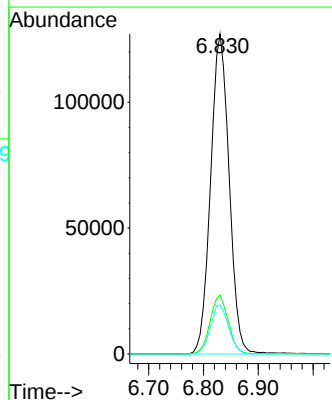
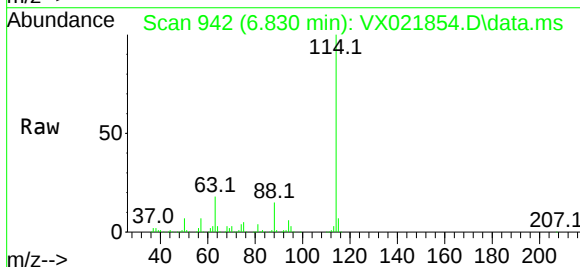
Tgt Ion: 114 Resp: 297958

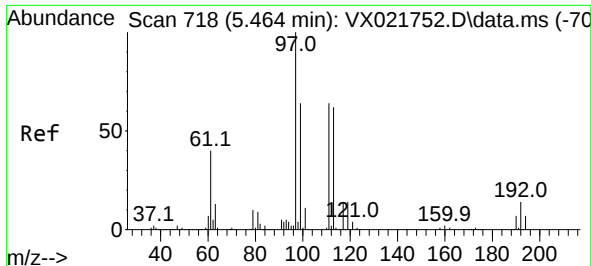
Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.8

88 15.4 0.0 32.8

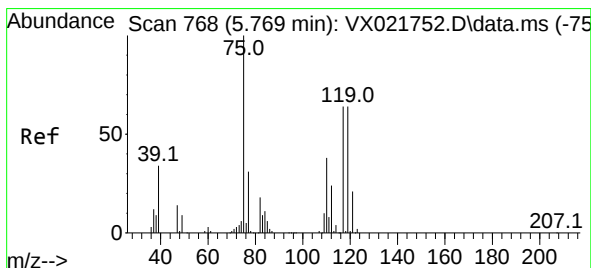
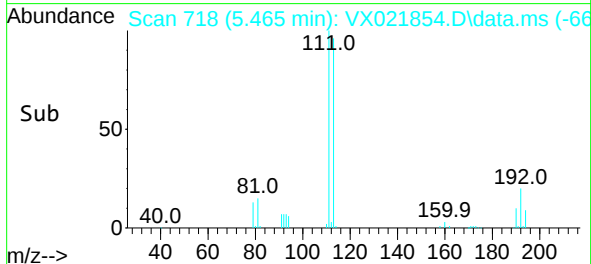
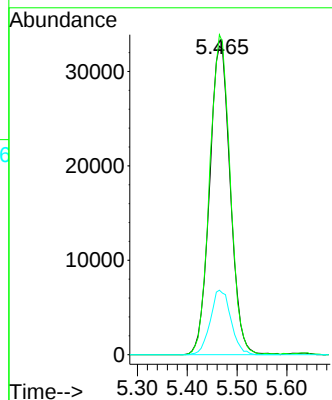
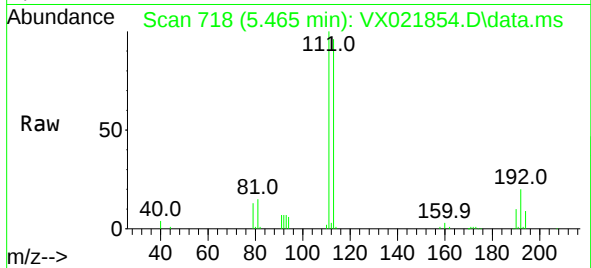




#35
Dibromofluoromethane
Concen: 49.71 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX021854.D
Acq: 23 Apr 2021 19:47

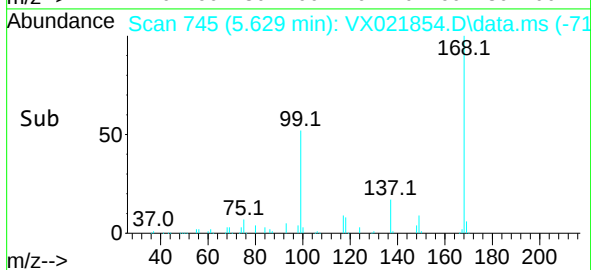
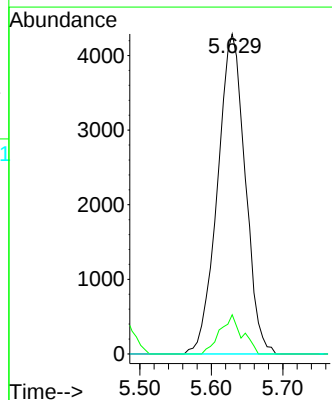
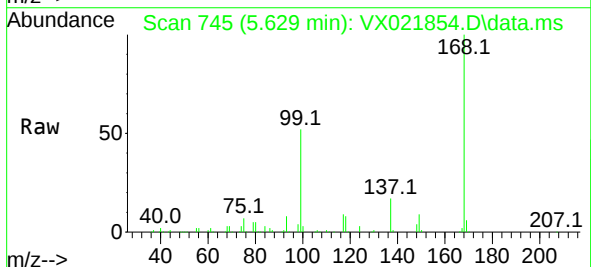
Instrument :
MSVOA_X
ClientSampled :

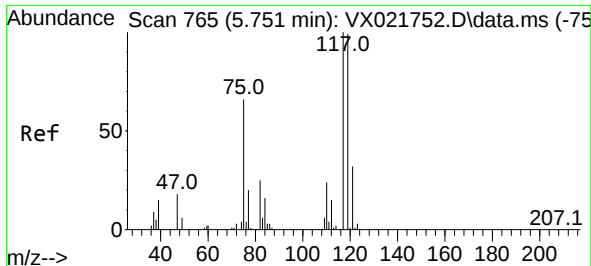
Tgt Ion:113 Resp: 94725
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 20.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021854.D
Acq: 23 Apr 2021 19:47

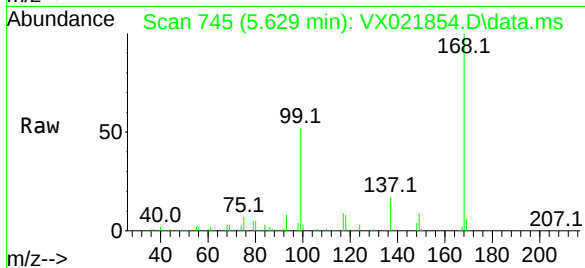
Tgt Ion: 75 Resp: 11524
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



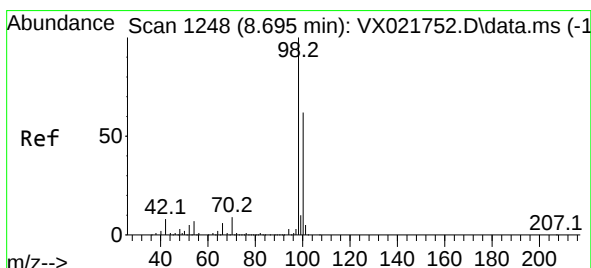
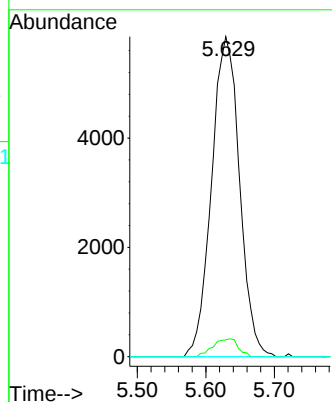
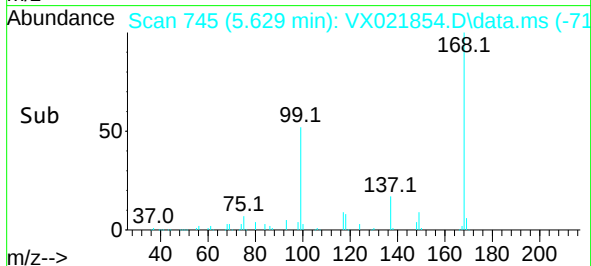


#38
Carbon Tetrachloride
Concen: 5.76 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021854.D
Acq: 23 Apr 2021 19:47

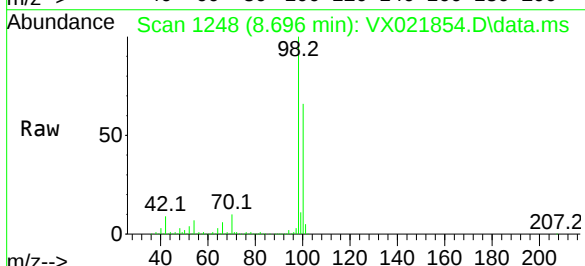
Instrument :
MSVOA_X
ClientSampleId :



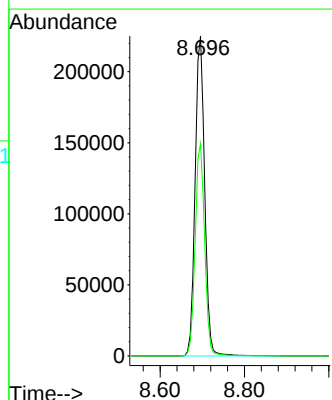
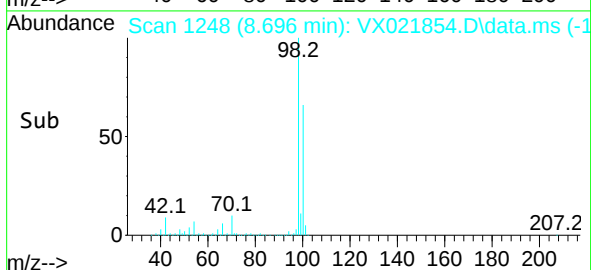
Tgt Ion:117 Resp: 16600
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

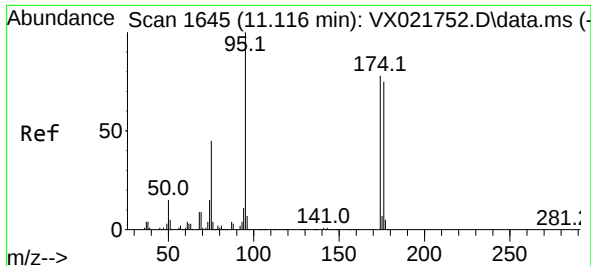


#50
Toluene-d8
Concen: 48.48 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021854.D
Acq: 23 Apr 2021 19:47



Tgt Ion: 98 Resp: 355147
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

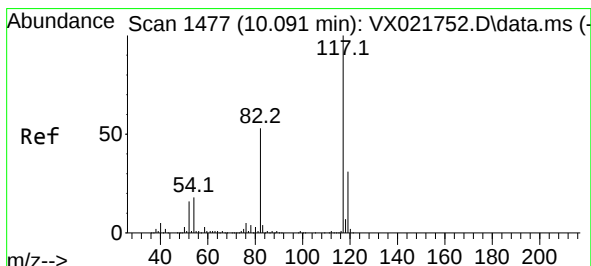
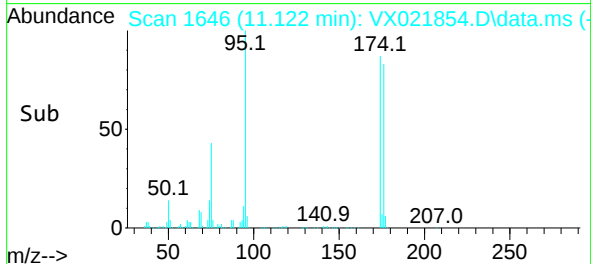
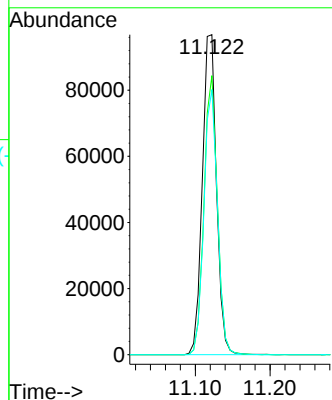
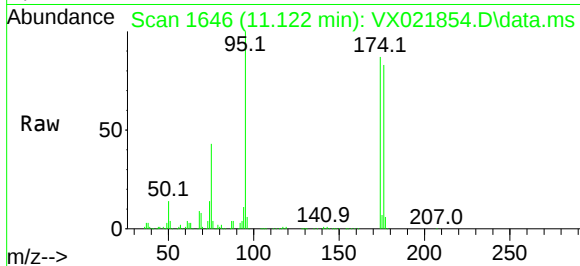




#62
4-Bromofluorobenzene
Concen: 46.47 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021854.D
Acq: 23 Apr 2021 19:47

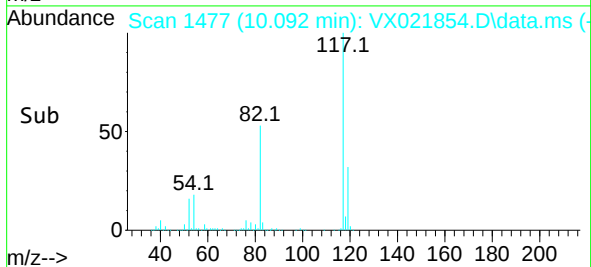
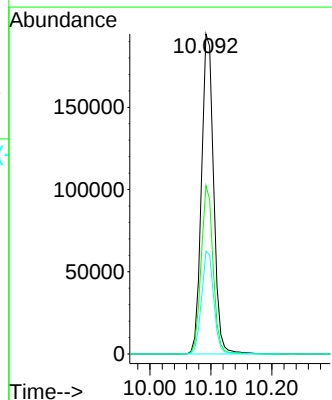
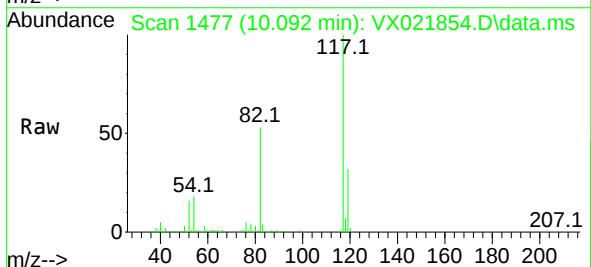
Instrument :
MSVOA_X
ClientSampled :

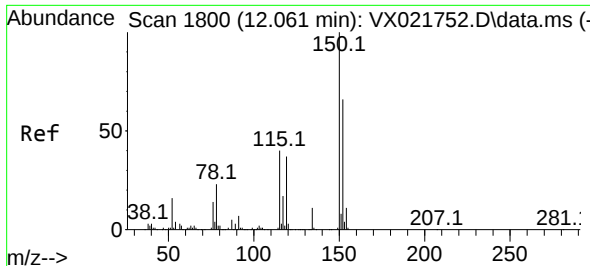
Tgt Ion: 95 Resp: 127149
Ion Ratio Lower Upper
95 100
174 82.5 0.0 154.6
176 79.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021854.D
Acq: 23 Apr 2021 19:47

Tgt Ion: 117 Resp: 269813
Ion Ratio Lower Upper
117 100
82 52.6 47.4 71.2
119 32.1 26.6 39.8

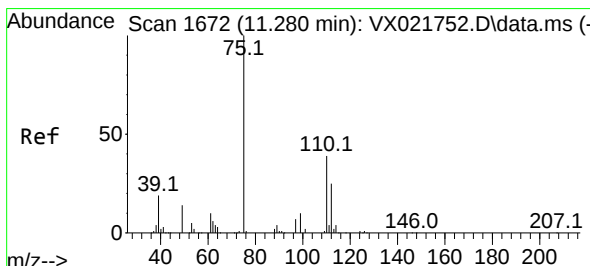
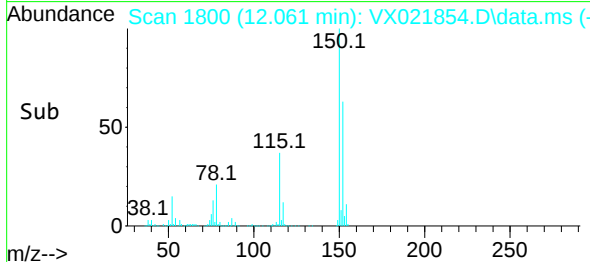
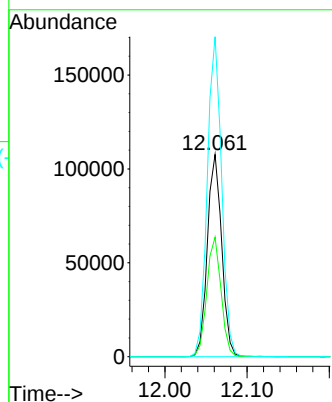
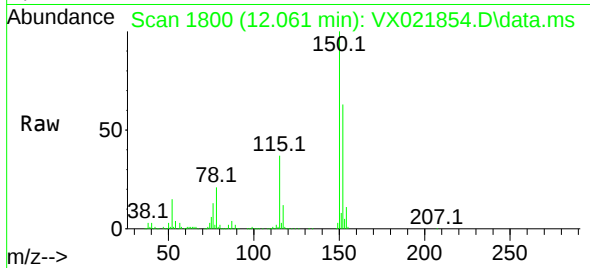




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021854.D
Acq: 23 Apr 2021 19:47

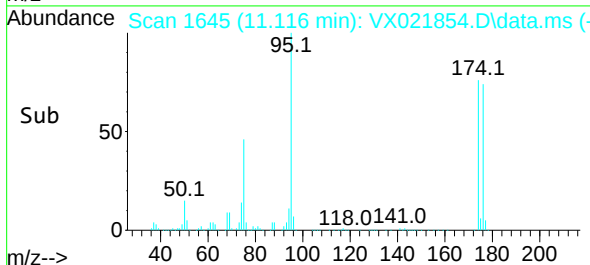
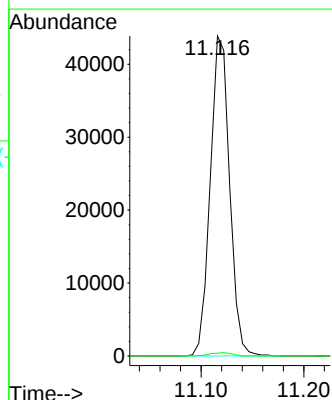
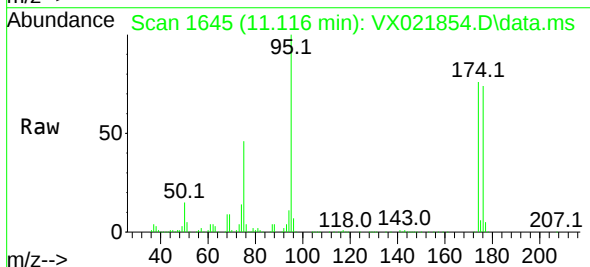
Instrument :
MSVOA_X
ClientSampleId :

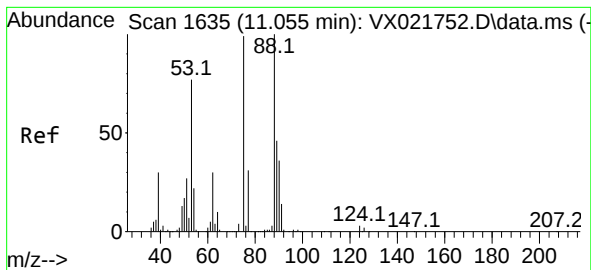
Tgt Ion:152 Resp: 130383
Ion Ratio Lower Upper
152 100
115 58.6 41.1 123.3
150 157.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 22.20 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021854.D
Acq: 23 Apr 2021 19:47

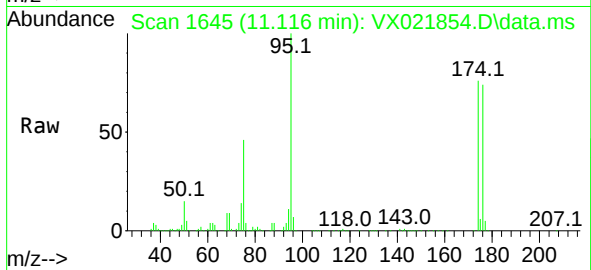
Tgt Ion: 75 Resp: 57399
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.05 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX021854.D
 Acq: 23 Apr 2021 19:47

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.1	37.9	56.9#

