

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021850.D
 Acq On : 23 Apr 2021 18:16
 Operator : JC/MD
 Sample : M2164-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 26 04:06:17 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)

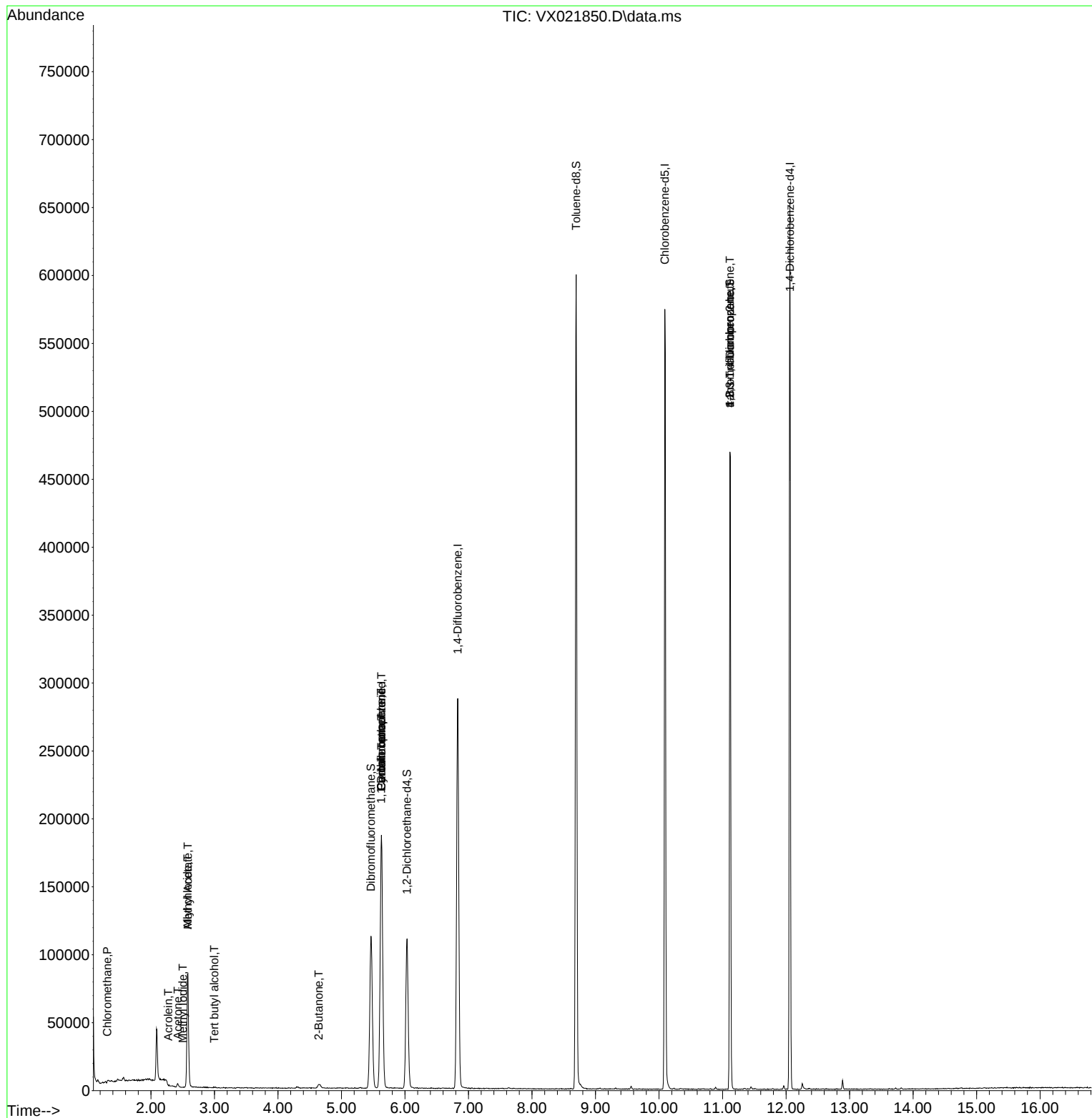
Internal Standards						
1) Pentafluorobenzene	5.629	168	188000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	314833	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	291063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	142221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	102748	48.18	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.36%
35) Dibromofluoromethane	5.464	113	99734	49.54	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.08%
50) Toluene-d8	8.696	98	375999	48.57	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.14%
62) 4-Bromofluorobenzene	11.116	95	137978	47.73	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.46%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	765	0.62	ug/l #	82
10) Methyl Iodide	2.502	142	20	8.16	ug/l #	42
11) Tert butyl alcohol	2.995	59	255	0.55	ug/l #	73
13) Acrolein	2.270	56	202	0.53	ug/l	92
14) Allyl chloride	2.575	41	7924	2.84	ug/l #	65
16) Acetone	2.422	43	2707	3.69	ug/l	91
18) Methyl Acetate	2.581	43	19677	9.89	ug/l #	47
25) 2-Butanone	4.641	43	597	0.48	ug/l #	45
31) Cyclohexane	5.629	56	3275	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	12386	4.46	ug/l #	49
38) Carbon Tetrachloride	5.629	117	17361	5.71	ug/l #	17
76) 1,2,3-Trichloropropane	11.116	75	63062	22.36	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	63062	51.42	ug/l #	12

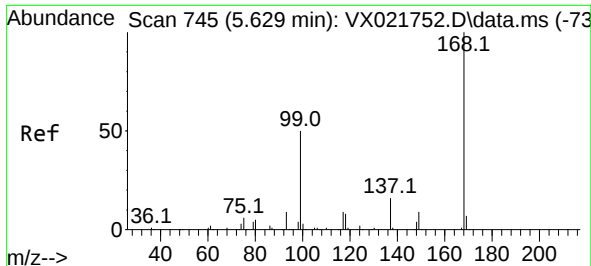
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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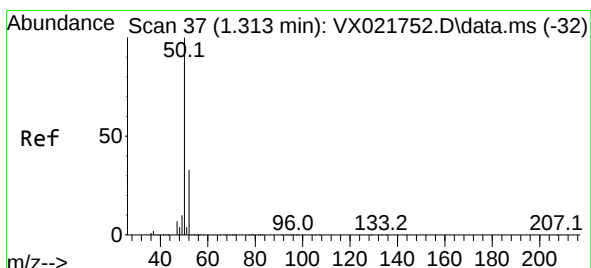
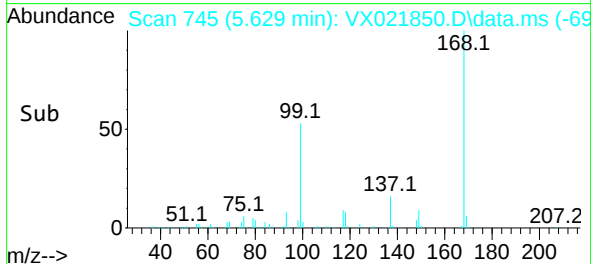
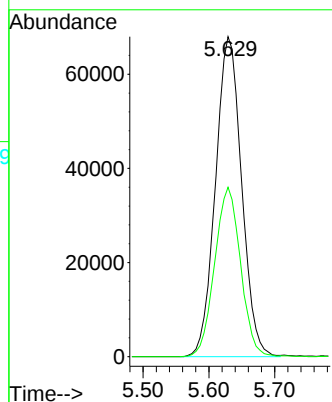
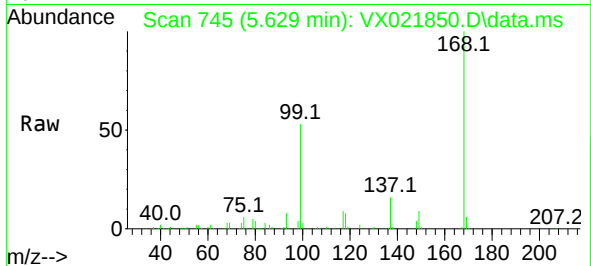




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021850.D
Acq: 23 Apr 2021 18:16

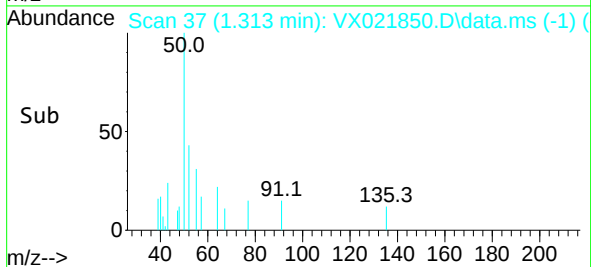
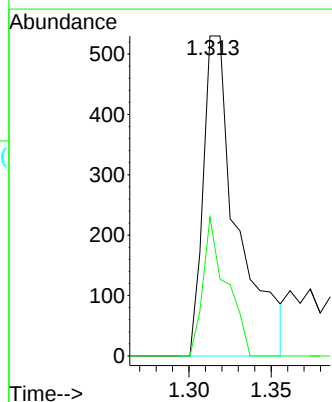
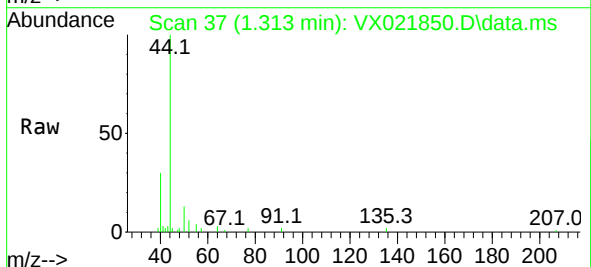
Instrument :
MSVOA_X
ClientSampleId :

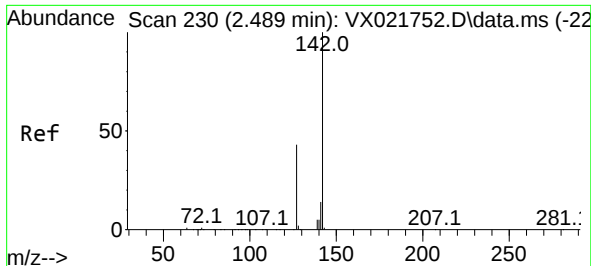
Tgt Ion:168 Resp: 188000
Ion Ratio Lower Upper
168 100
99 53.0 45.8 68.6



#3
Chloromethane
Concen: 0.62 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX021850.D
Acq: 23 Apr 2021 18:16

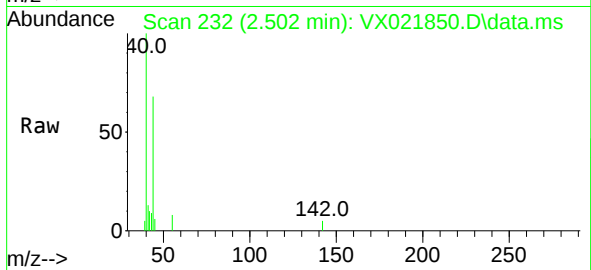
Tgt Ion: 50 Resp: 765
Ion Ratio Lower Upper
50 100
52 43.4 26.4 39.6#



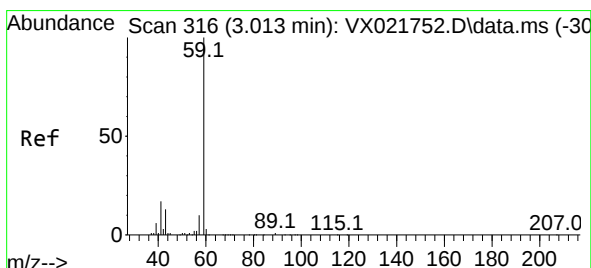
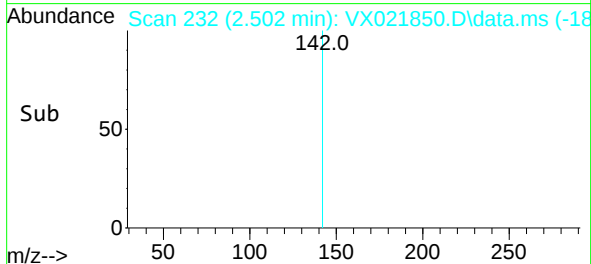
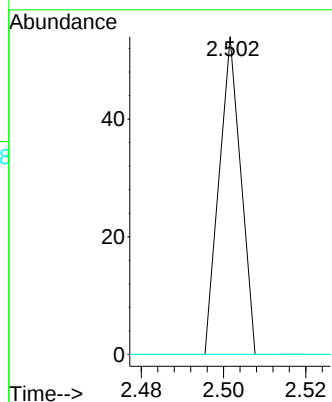


#10
Methyl Iodide
Concen: 8.16 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.013 min
Lab File: VX021850.D
Acq: 23 Apr 2021 18:16

Instrument :
MSVOA_X
ClientSampled :

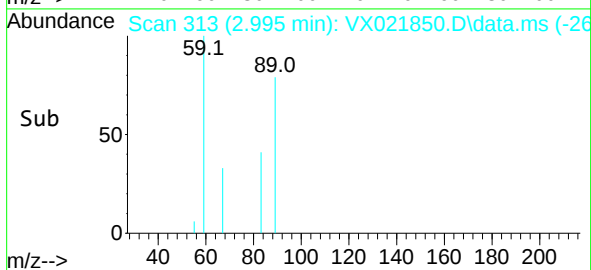
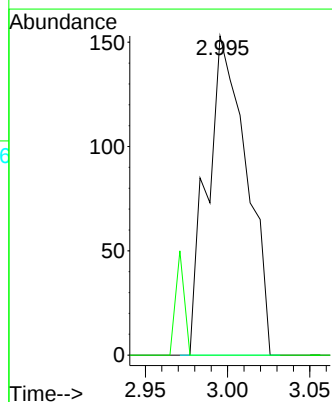
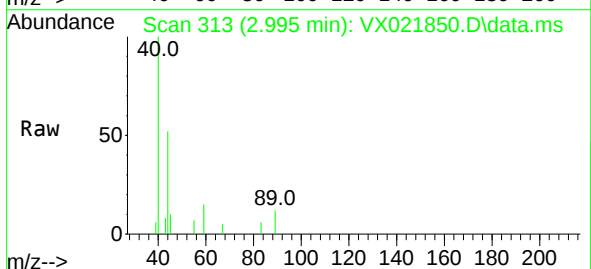


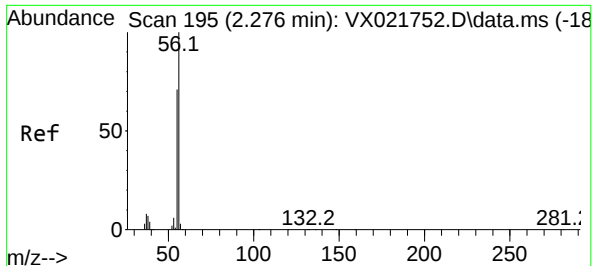
Tgt Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.55 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.018 min
Lab File: VX021850.D
Acq: 23 Apr 2021 18:16

Tgt Ion: 59 Resp: 255
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

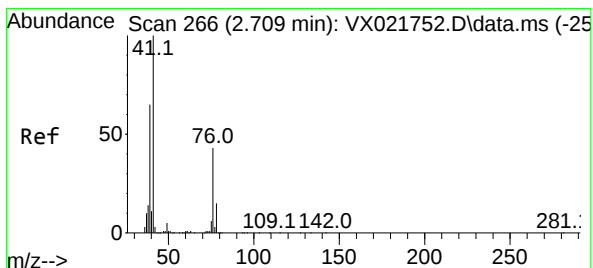
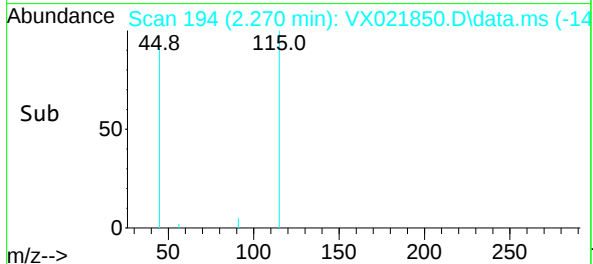
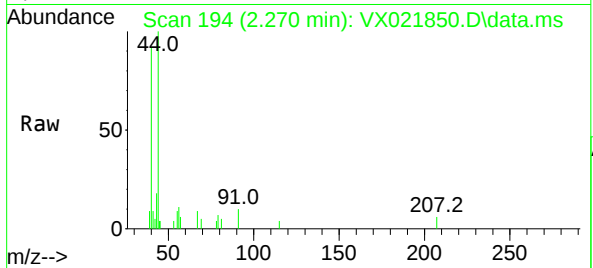




#13
Acrolein
Concen: 0.53 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.006 min
Lab File: VX021850.D
Acq: 23 Apr 2021 18:16

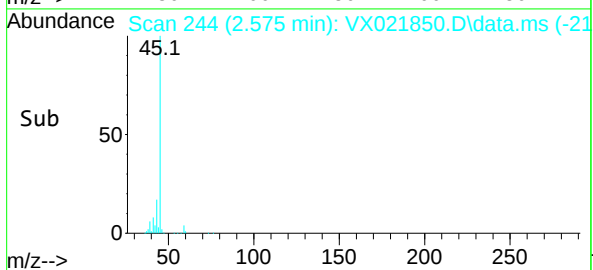
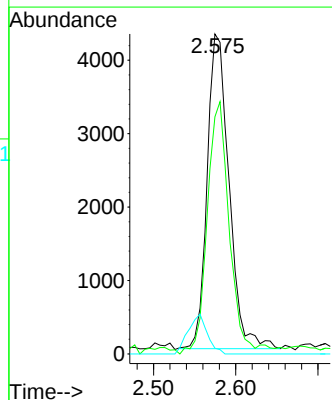
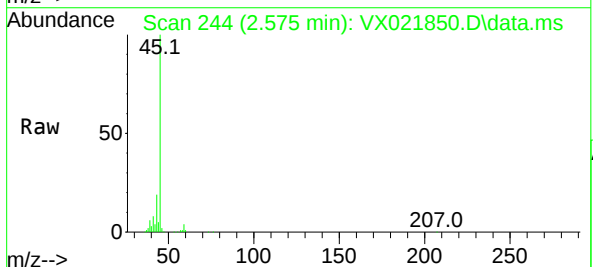
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 202
Ion Ratio Lower Upper
56 100
55 63.9 56.4 84.6



#14
Allyl chloride
Concen: 2.84 ug/l
RT: 2.575 min Scan# 244
Delta R.T. -0.134 min
Lab File: VX021850.D
Acq: 23 Apr 2021 18:16

Tgt Ion: 41 Resp: 7924
Ion Ratio Lower Upper
41 100
39 79.6 51.6 77.4#
76 0.0 30.5 45.7#

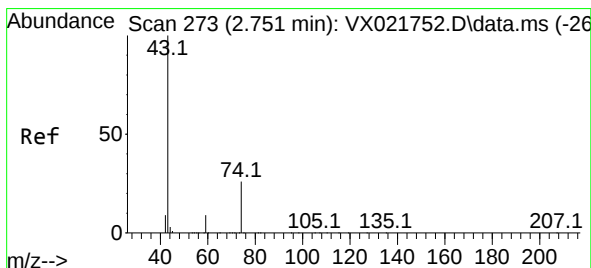
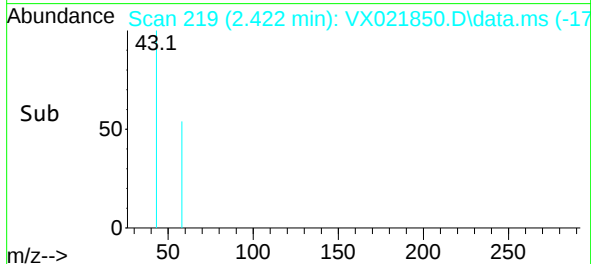
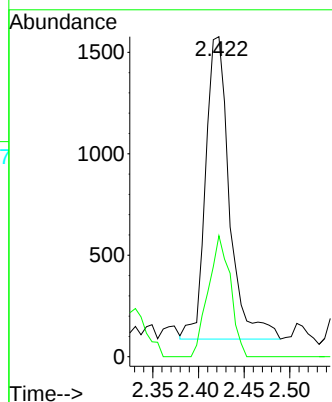
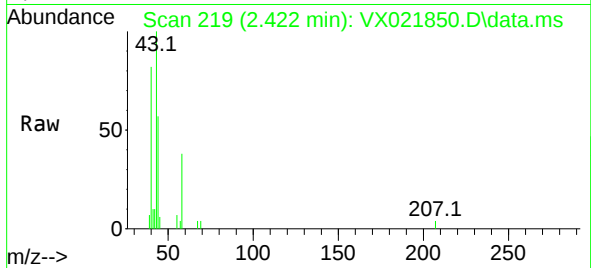




#16
Acetone
Concen: 3.69 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021850.D
Acq: 23 Apr 2021 18:16

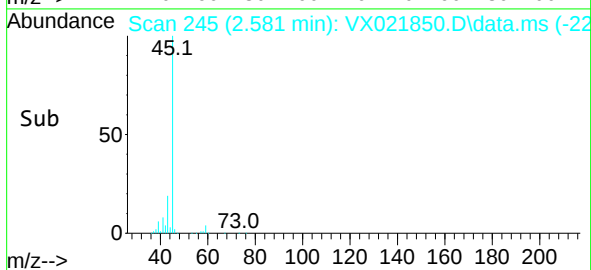
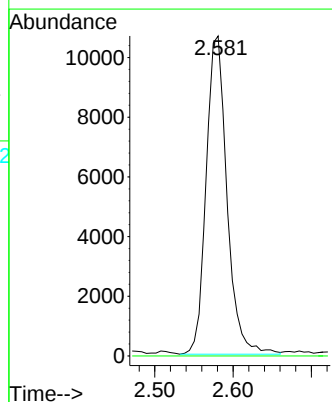
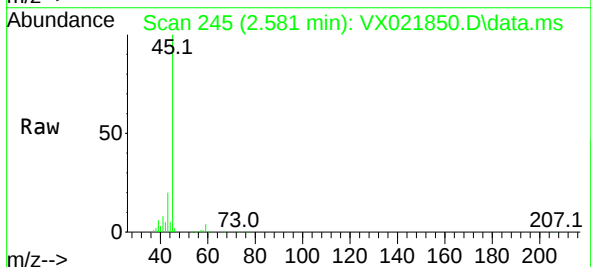
Instrument :
MSVOA_X
ClientSampled :

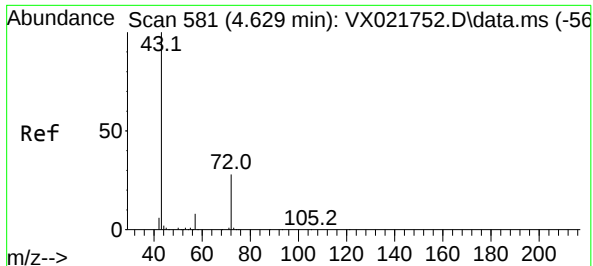
Tgt Ion: 43 Resp: 2707
Ion Ratio Lower Upper
43 100
58 40.0 27.8 41.8



#18
Methyl Acetate
Concen: 9.89 ug/l
RT: 2.581 min Scan# 245
Delta R.T. -0.170 min
Lab File: VX021850.D
Acq: 23 Apr 2021 18:16

Tgt Ion: 43 Resp: 19677
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

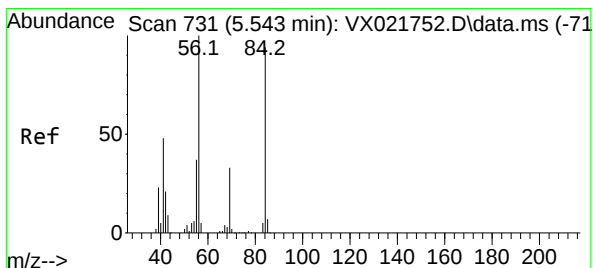
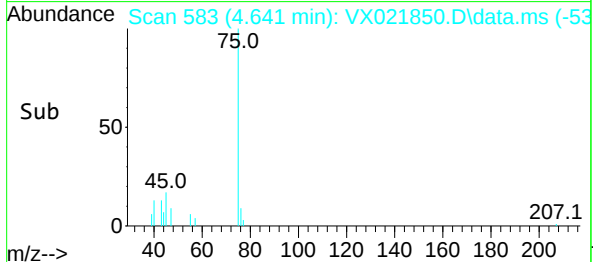
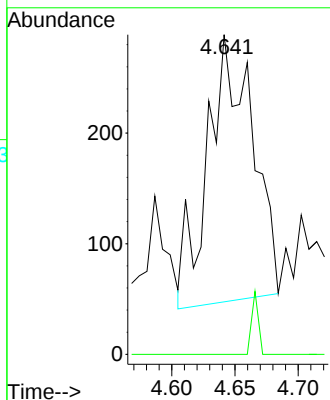
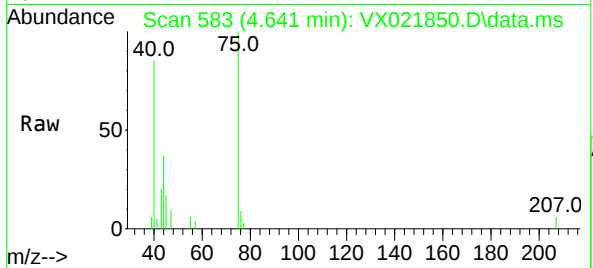




#25
2-Butanone
Concen: 0.48 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.012 min
Lab File: VX021850.D
Acq: 23 Apr 2021 18:16

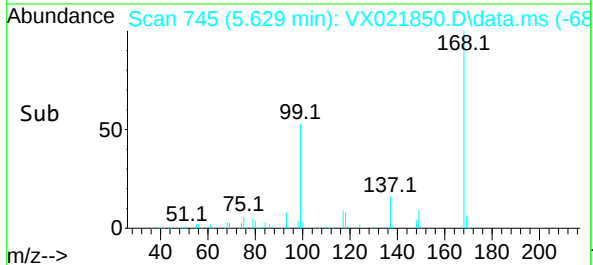
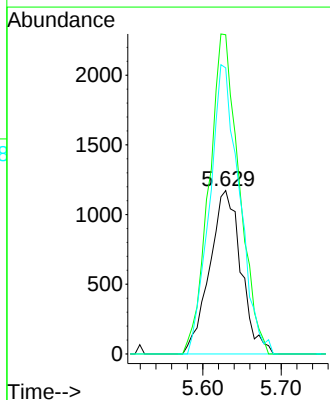
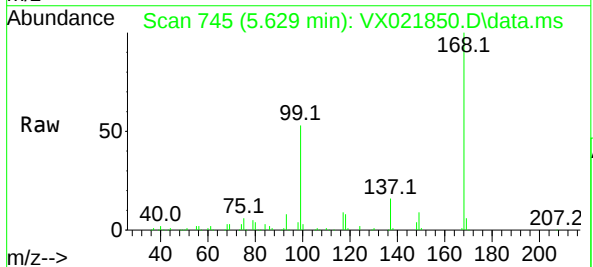
Instrument :
MSVOA_X
ClientSampleId :

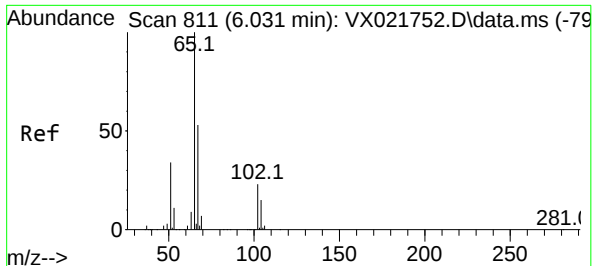
Tgt Ion: 43 Resp: 597
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.086 min
Lab File: VX021850.D
Acq: 23 Apr 2021 18:16

Tgt Ion: 56 Resp: 3275
Ion Ratio Lower Upper
56 100
69 195.4 25.3 37.9#
84 175.2 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.18 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX021850.D

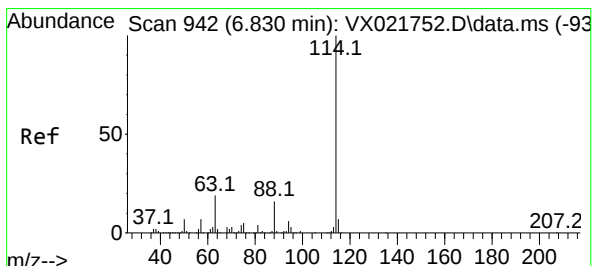
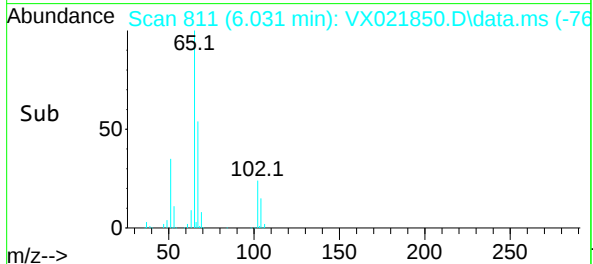
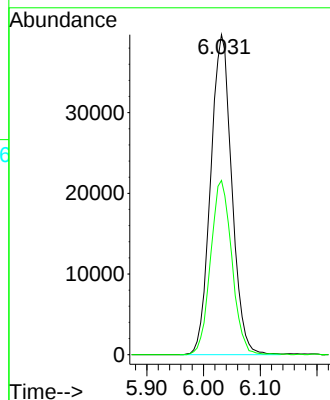
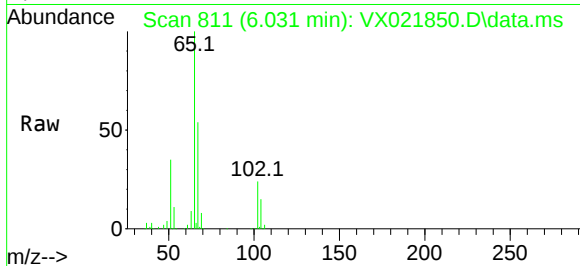
Acq: 23 Apr 2021 18:16

Tgt Ion: 65 Resp: 102748

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: VX021850.D

Acq: 23 Apr 2021 18:16

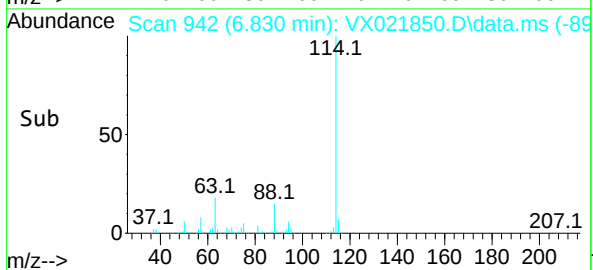
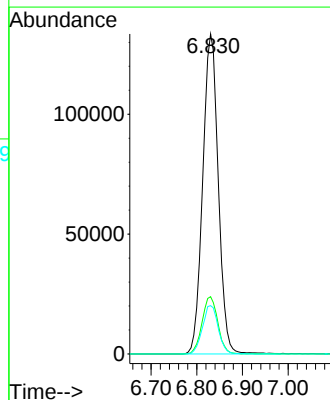
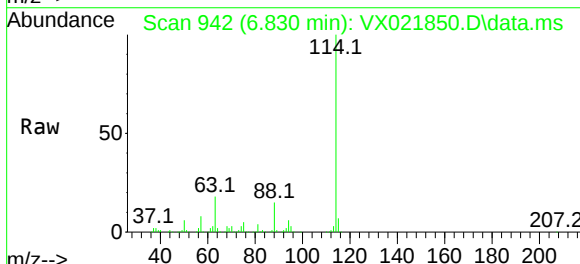
Tgt Ion: 114 Resp: 314833

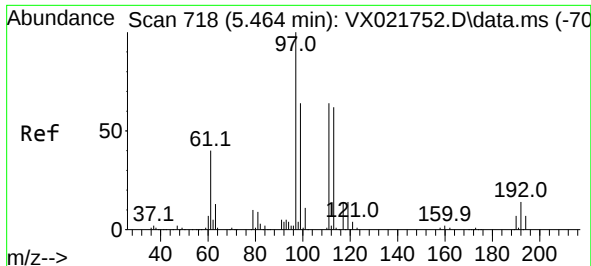
Ion Ratio Lower Upper

114 100

63 17.9 0.0 40.8

88 15.1 0.0 32.8

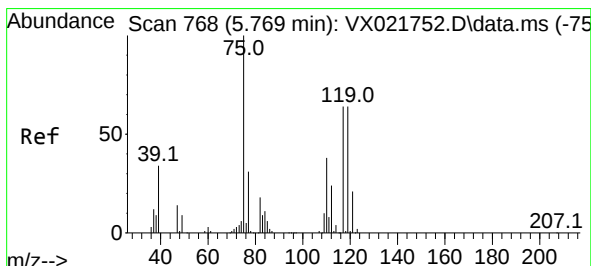
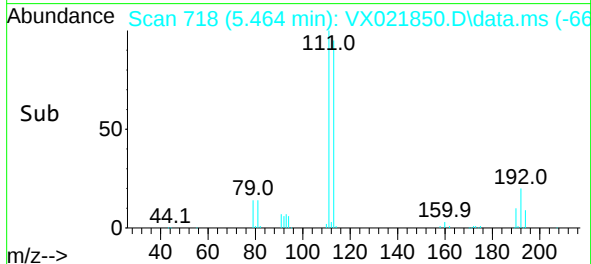
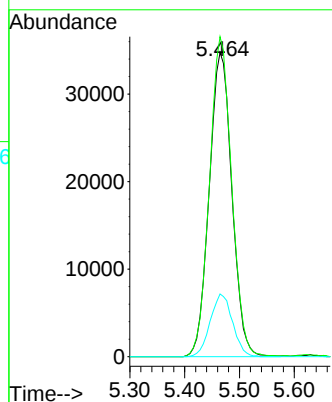
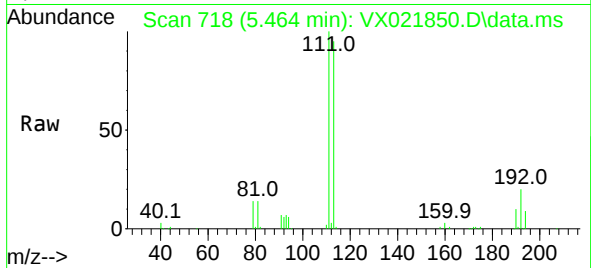




#35
Dibromofluoromethane
Concen: 49.54 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021850.D
Acq: 23 Apr 2021 18:16

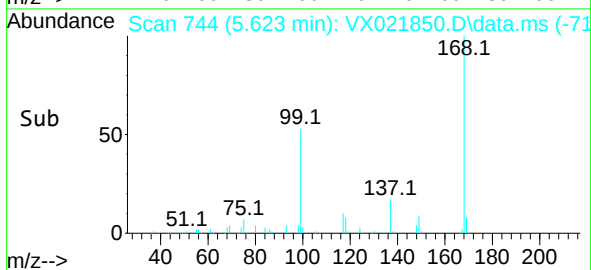
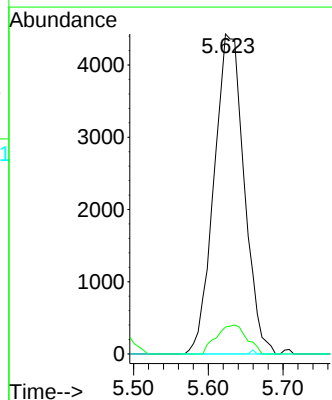
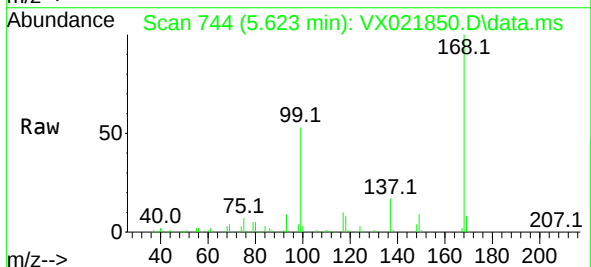
Instrument :
MSVOA_X
ClientSampleId :

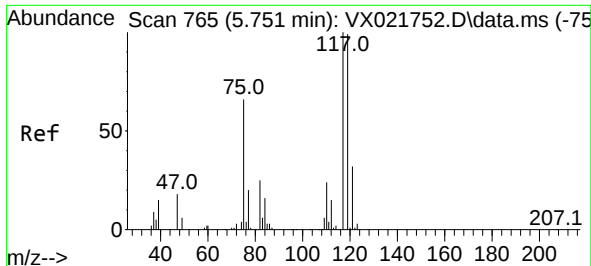
Tgt Ion:113 Resp: 99734
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 20.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.46 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX021850.D
Acq: 23 Apr 2021 18:16

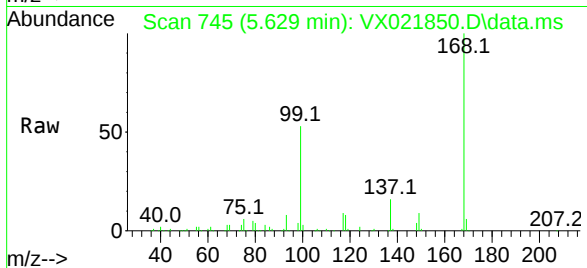
Tgt Ion: 75 Resp: 12386
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#



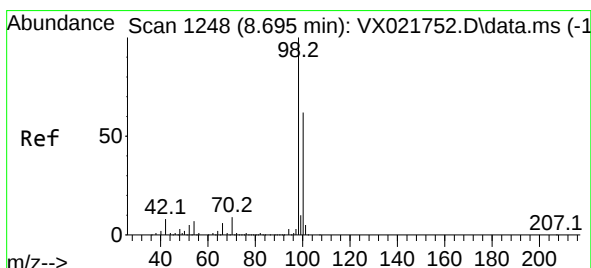
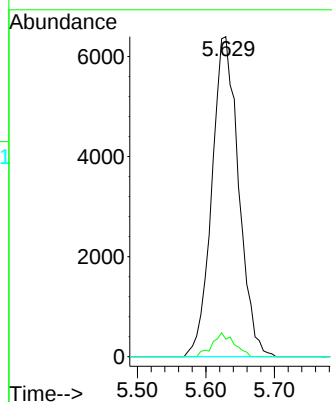
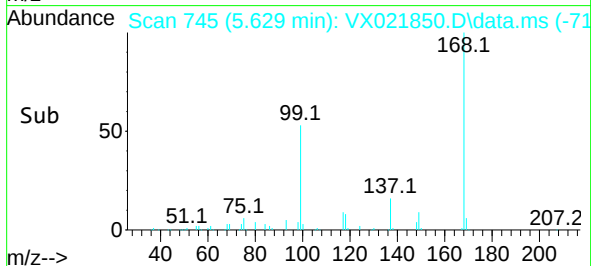


#38
Carbon Tetrachloride
Concen: 5.71 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021850.D
Acq: 23 Apr 2021 18:16

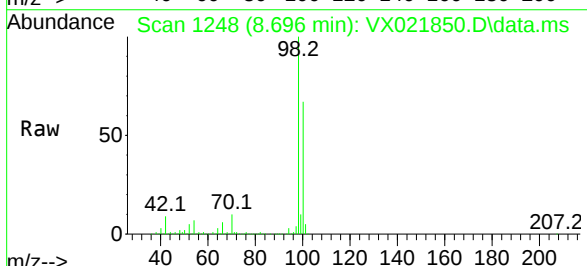
Instrument :
MSVOA_X
ClientSampleId :



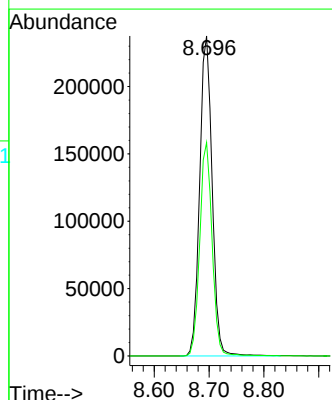
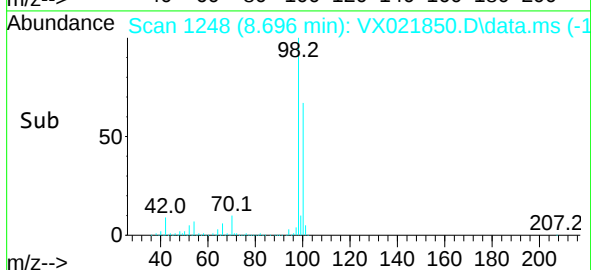
Tgt Ion:117 Resp: 17361
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

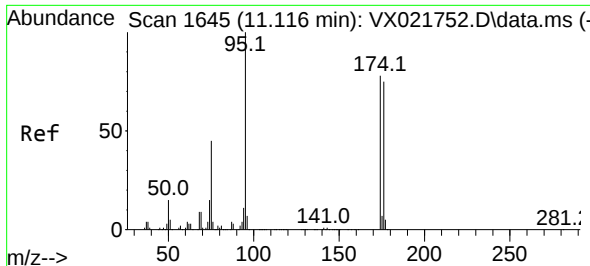


#50
Toluene-d8
Concen: 48.57 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021850.D
Acq: 23 Apr 2021 18:16



Tgt Ion: 98 Resp: 375999
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

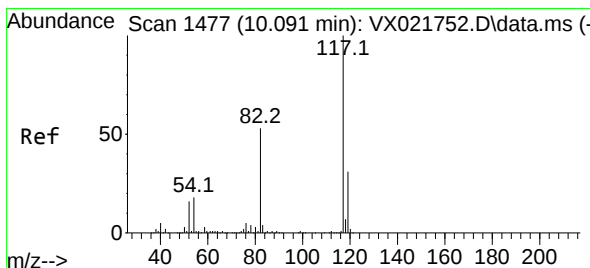
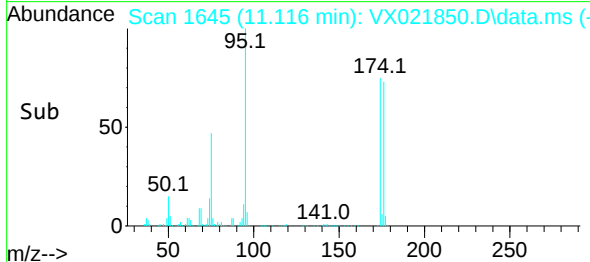
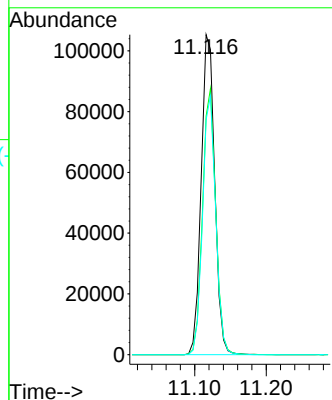
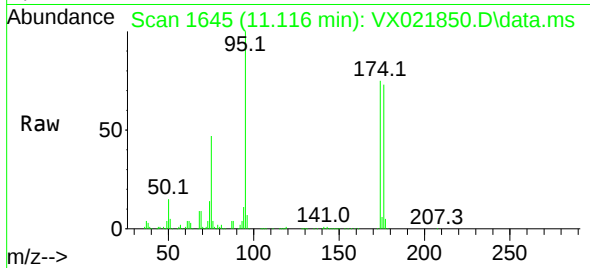




#62
4-Bromofluorobenzene
Concen: 47.73 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021850.D
Acq: 23 Apr 2021 18:16

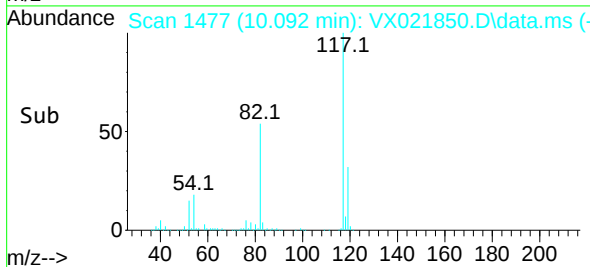
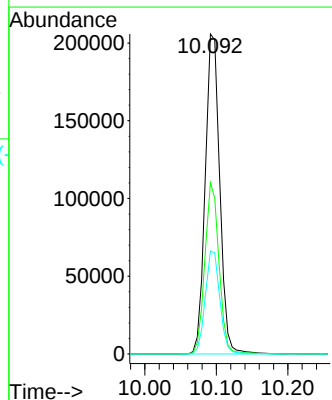
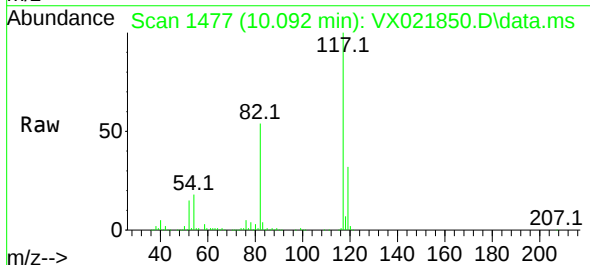
Instrument :
MSVOA_X
ClientSampled :

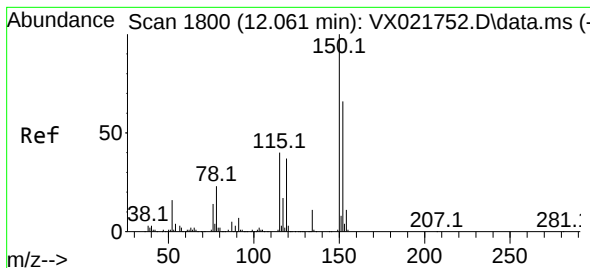
Tgt Ion: 95 Resp: 137978
Ion Ratio Lower Upper
95 100
174 81.1 0.0 154.6
176 78.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021850.D
Acq: 23 Apr 2021 18:16

Tgt Ion: 117 Resp: 291063
Ion Ratio Lower Upper
117 100
82 53.5 47.4 71.2
119 32.2 26.6 39.8

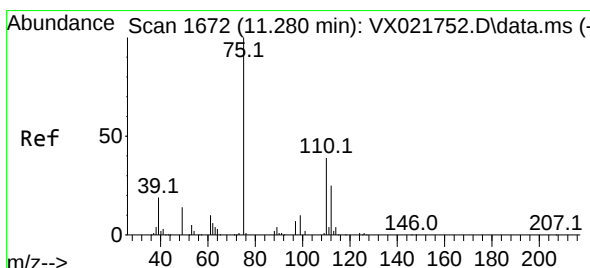
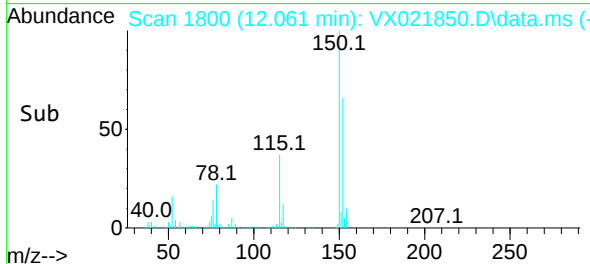
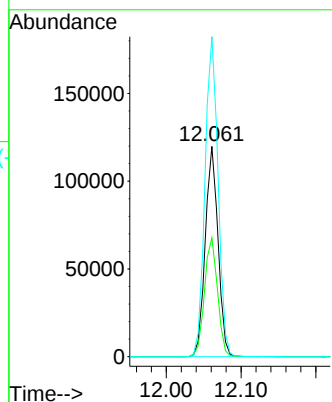
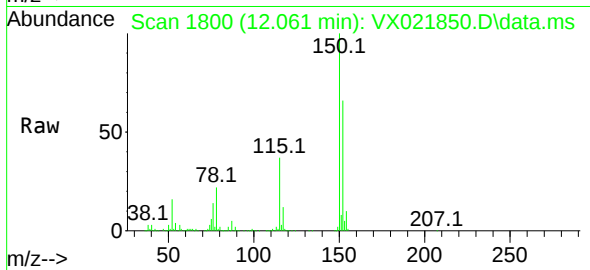




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021850.D
Acq: 23 Apr 2021 18:16

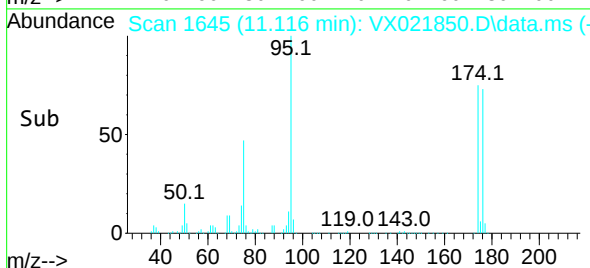
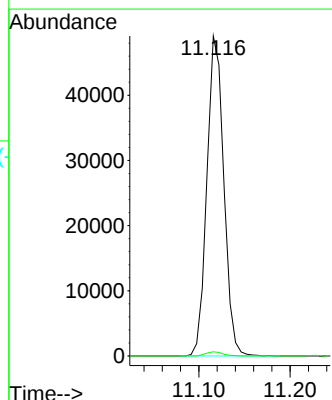
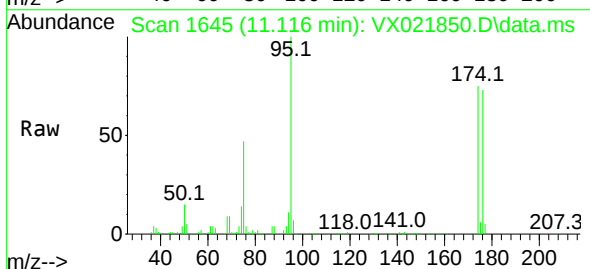
Instrument :
MSVOA_X
ClientSampleId :

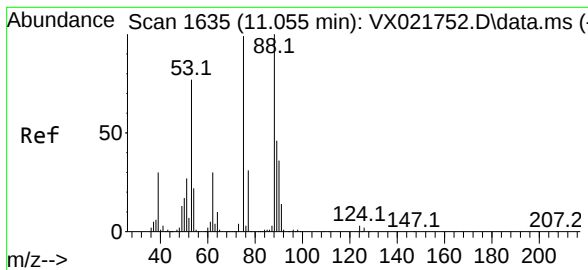
Tgt Ion:152 Resp: 142221
Ion Ratio Lower Upper
152 100
115 57.5 41.1 123.3
150 155.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 22.36 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021850.D
Acq: 23 Apr 2021 18:16

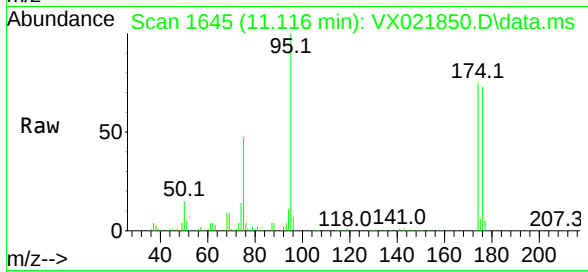
Tgt Ion: 75 Resp: 63062
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.42 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX021850.D
 Acq: 23 Apr 2021 18:16

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 63062
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

