

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021856.D
 Acq On : 23 Apr 2021 20:32
 Operator : JC/MD
 Sample : M2150-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 26 04:07:50 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)

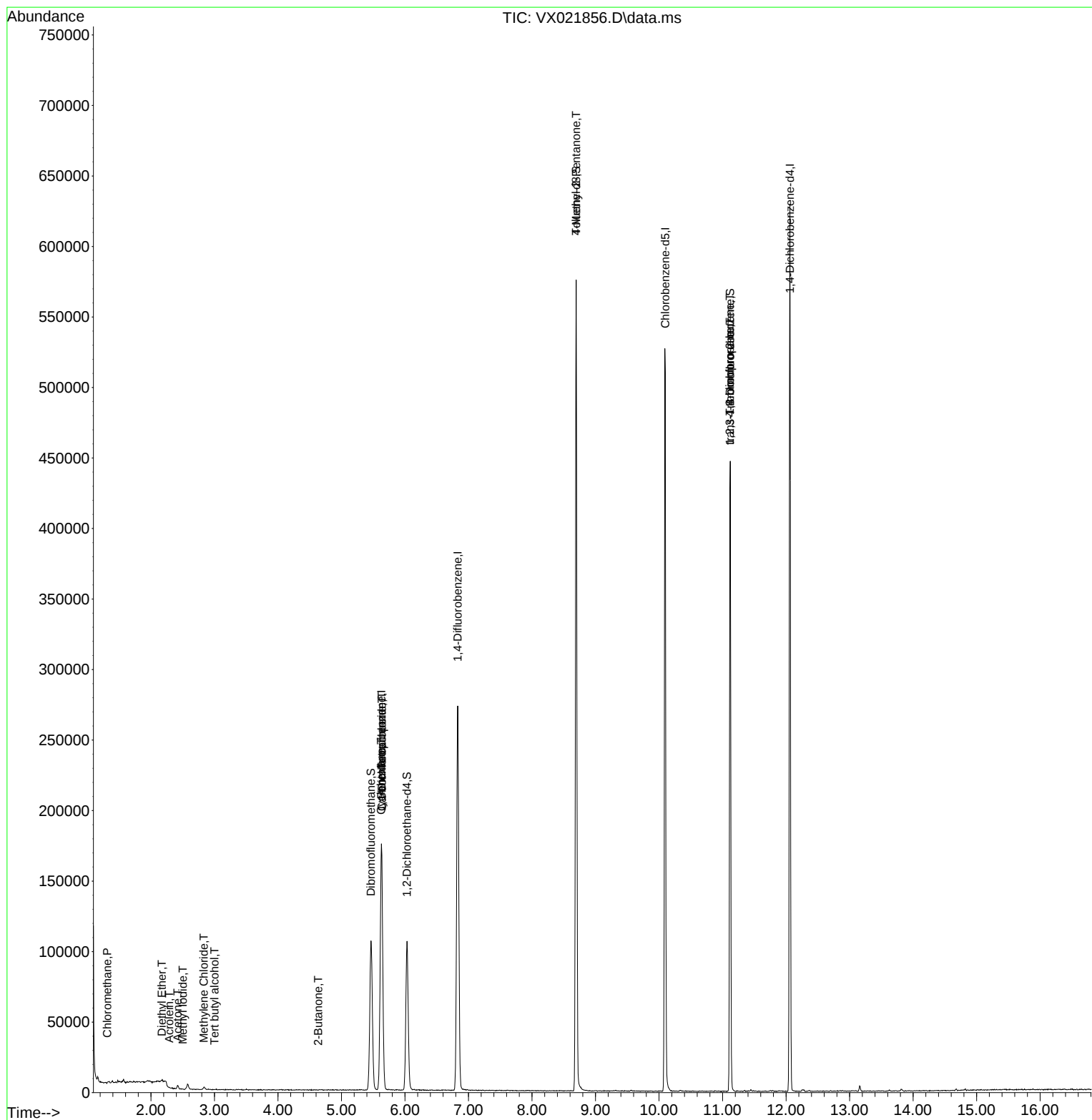
Internal Standards						
1) Pentafluorobenzene	5.629	168	177481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	299279	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	271386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	135426	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	98278	48.81	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.62%
35) Dibromofluoromethane	5.464	113	95139	49.71	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.42%
50) Toluene-d8	8.695	98	353308	48.01	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.02%
62) 4-Bromofluorobenzene	11.122	95	128018	46.58	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.16%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	677	0.60	ug/l	100
8) Diethyl Ether	2.172	74	433	0.38	ug/l #	38
10) Methyl Iodide	2.501	142	120	8.22	ug/l #	42
11) Tert butyl alcohol	3.001	59	129	0.29	ug/l #	73
13) Acrolein	2.288	56	138	0.39	ug/l #	14
16) Acetone	2.416	43	2556	3.69	ug/l	96
20) Methylene Chloride	2.831	84	913	0.44	ug/l #	89
25) 2-Butanone	4.635	43	323	0.28	ug/l #	45
31) Cyclohexane	5.623	56	2845	1.00	ug/l #	1
36) 1,1-Dichloropropene	5.635	75	11633	4.40	ug/l #	49
38) Carbon Tetrachloride	5.635	117	16497	5.70	ug/l #	17
51) 4-Methyl-2-Pentanone	8.695	43	1101	0.44	ug/l #	1
76) 1,2,3-Trichloropropane	11.116	75	57447	21.39	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	57447	49.19	ug/l #	12

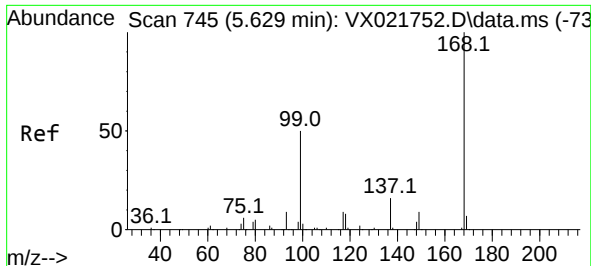
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
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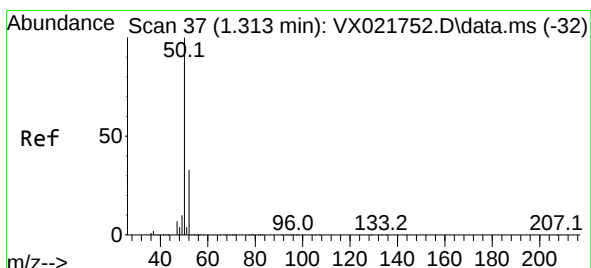
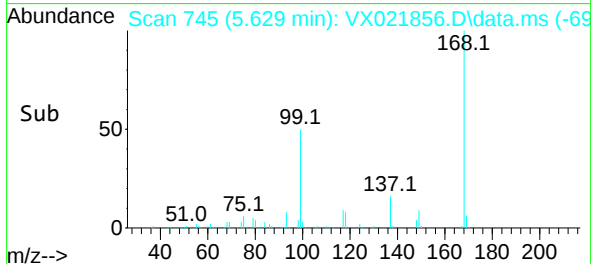
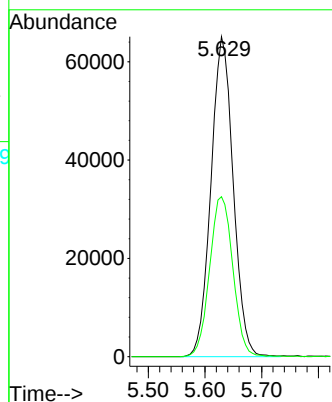
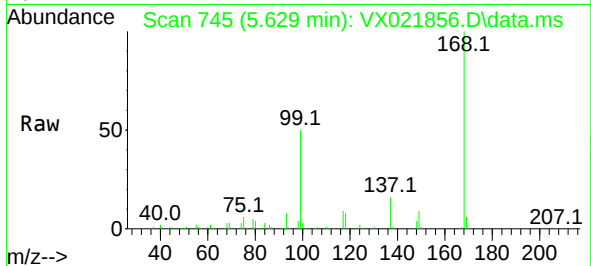




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021856.D
Acq: 23 Apr 2021 20:32

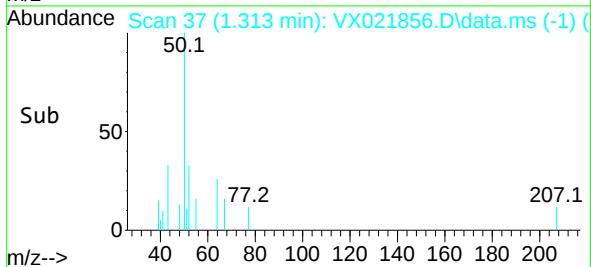
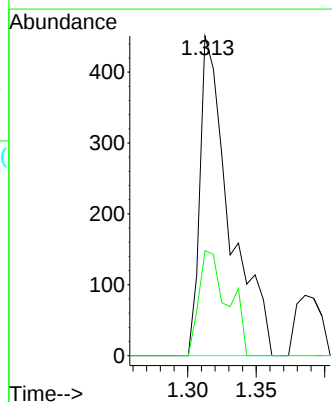
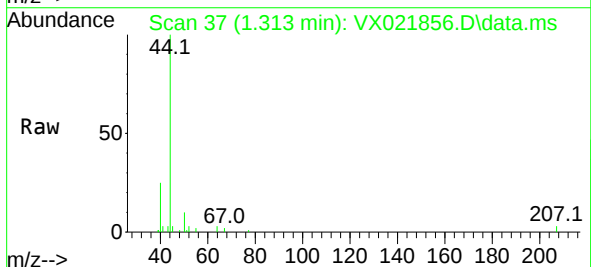
Instrument :
MSVOA_X
ClientSampleId :

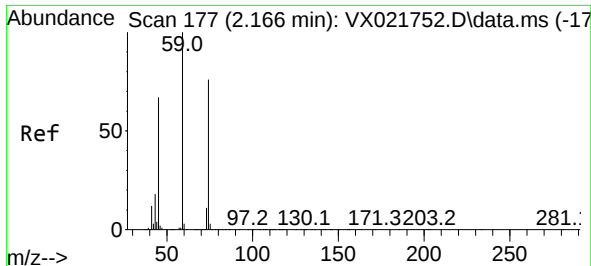
Tgt Ion:168 Resp: 177481
Ion Ratio Lower Upper
168 100
99 50.0 45.8 68.6



#3
Chloromethane
Concen: 0.60 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX021856.D
Acq: 23 Apr 2021 20:32

Tgt Ion: 50 Resp: 677
Ion Ratio Lower Upper
50 100
52 32.8 26.4 39.6

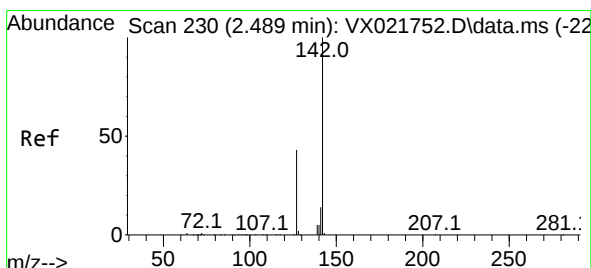
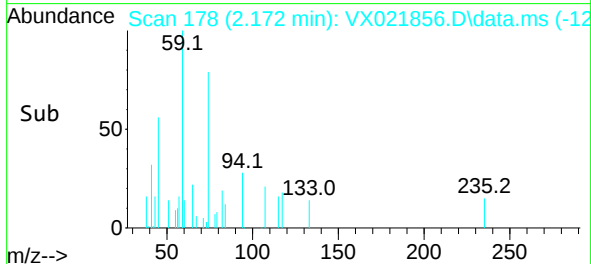
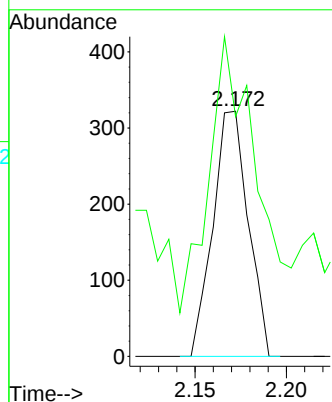
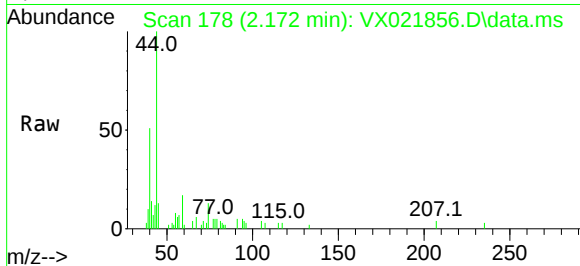




#8
Diethyl Ether
Concen: 0.38 ug/l
RT: 2.172 min Scan# 178
Delta R.T. 0.006 min
Lab File: VX021856.D
Acq: 23 Apr 2021 20:32

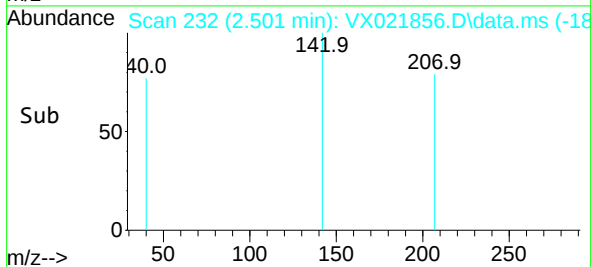
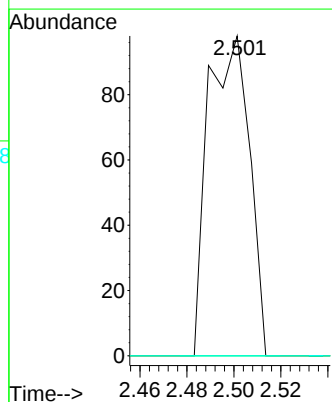
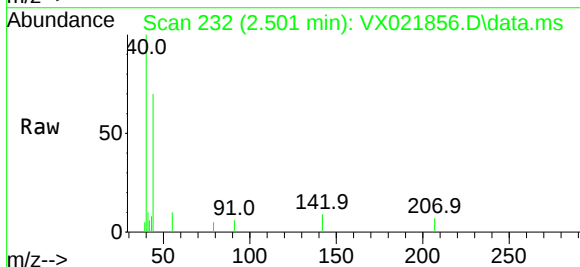
Instrument :
MSVOA_X
ClientSampled :

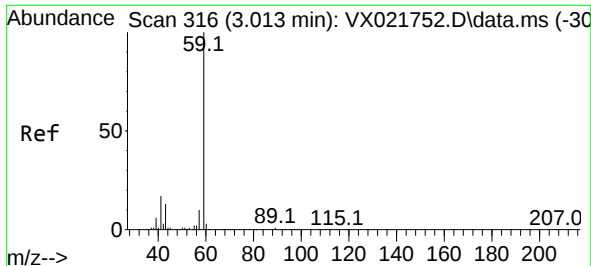
Tgt Ion: 74 Resp: 433
Ion Ratio Lower Upper
74 100
45 146.7 44.5 133.5#



#10
Methyl Iodide
Concen: 8.22 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.012 min
Lab File: VX021856.D
Acq: 23 Apr 2021 20:32

Tgt Ion: 142 Resp: 120
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



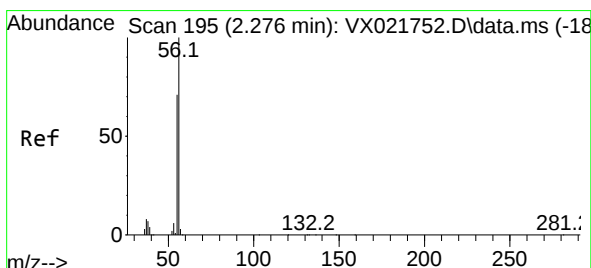
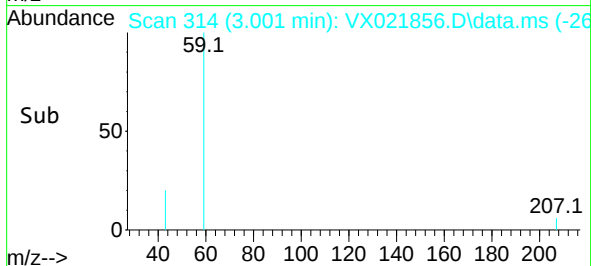
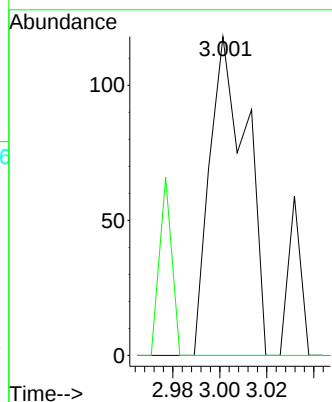
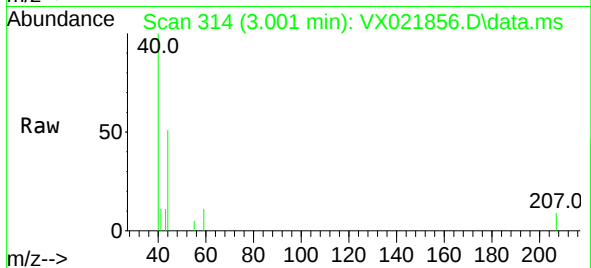


#11

Tert butyl alcohol
Concen: 0.29 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.012 min
Lab File: VX021856.D
Acq: 23 Apr 2021 20:32

Instrument :
MSVOA_X
ClientSampled :

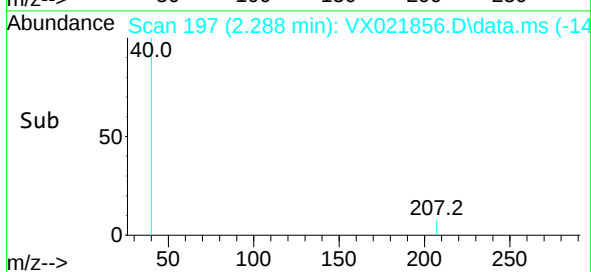
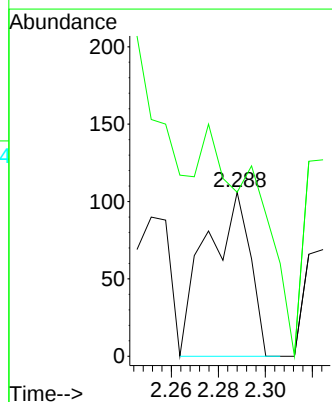
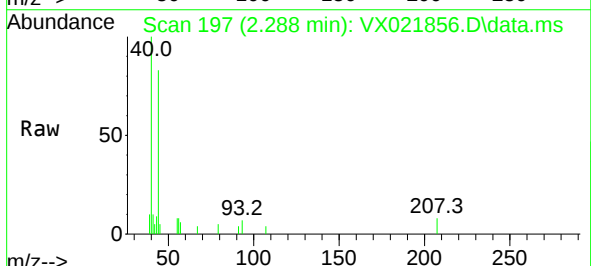
Tgt Ion: 59 Resp: 129
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13

Acrolein
Concen: 0.39 ug/l
RT: 2.288 min Scan# 197
Delta R.T. 0.012 min
Lab File: VX021856.D
Acq: 23 Apr 2021 20:32

Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

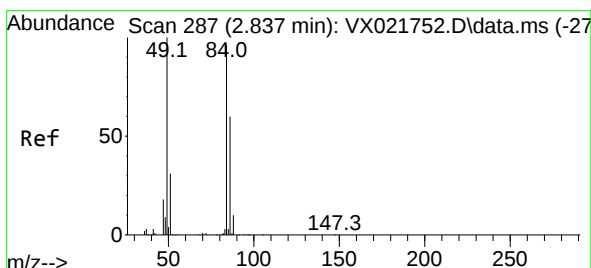
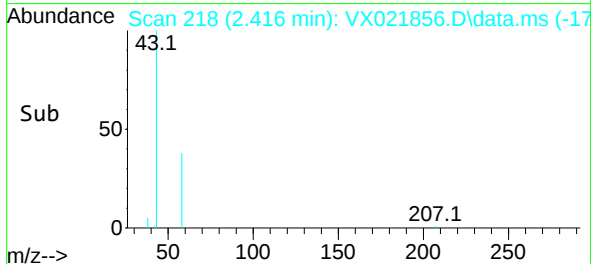
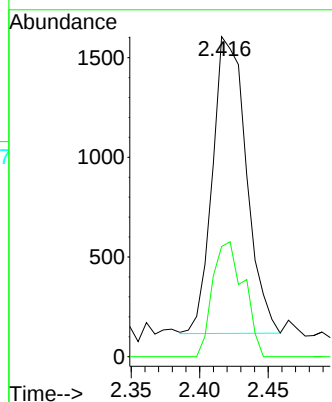
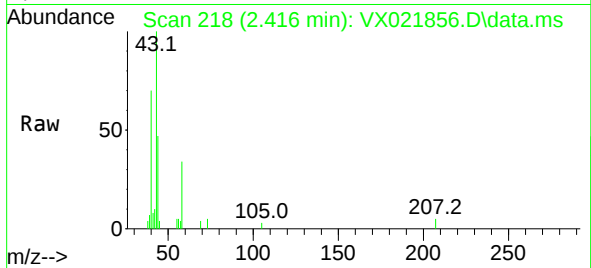




#16
Acetone
Concen: 3.69 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX021856.D
Acq: 23 Apr 2021 20:32

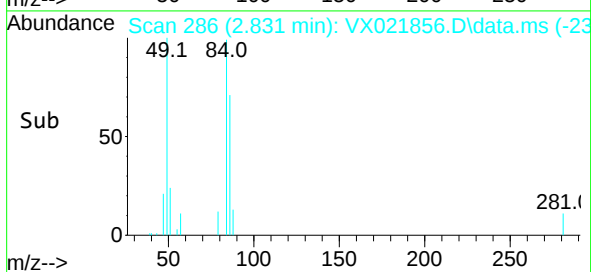
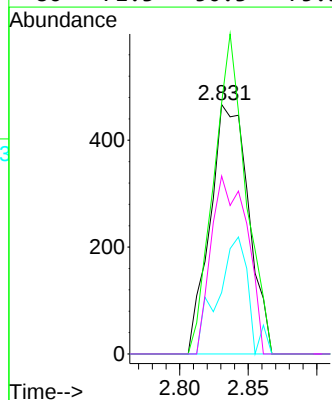
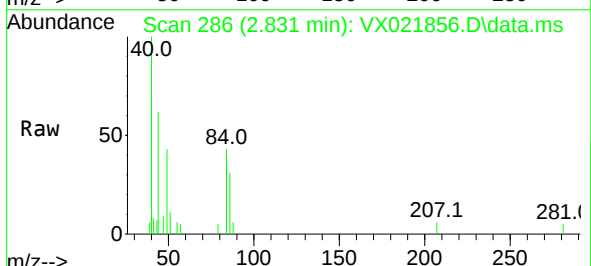
Instrument :
MSVOA_X
ClientSampled :

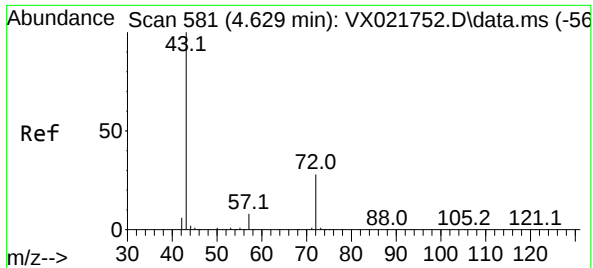
Tgt Ion: 43 Resp: 2556
Ion Ratio Lower Upper
43 100
58 37.2 27.8 41.8



#20
Methylene Chloride
Concen: 0.44 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.006 min
Lab File: VX021856.D
Acq: 23 Apr 2021 20:32

Tgt Ion: 84 Resp: 913
Ion Ratio Lower Upper
84 100
49 100.6 88.6 132.8
51 24.6 27.0 40.6#
86 71.3 50.3 75.5

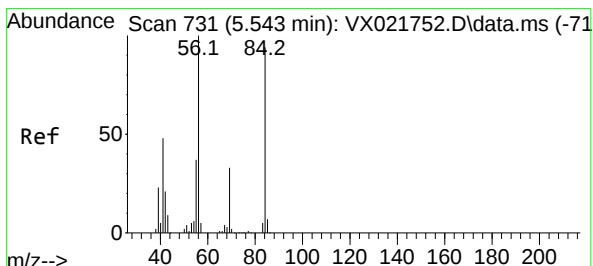
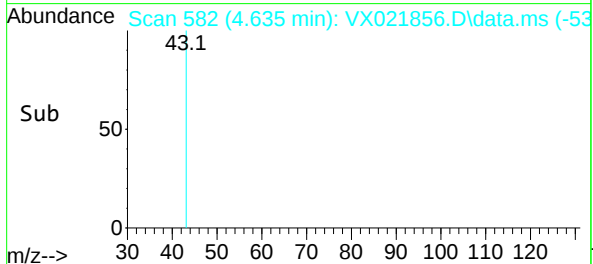
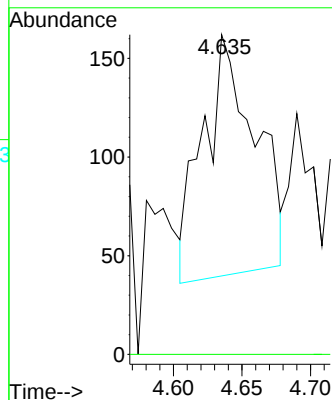
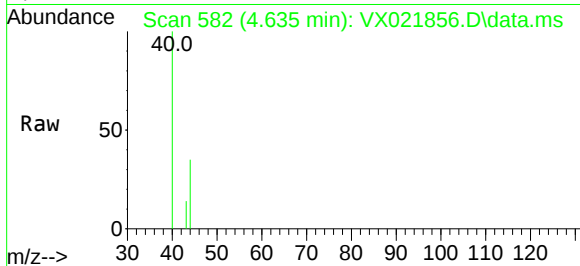




#25
2-Butanone
Concen: 0.28 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.006 min
Lab File: VX021856.D
Acq: 23 Apr 2021 20:32

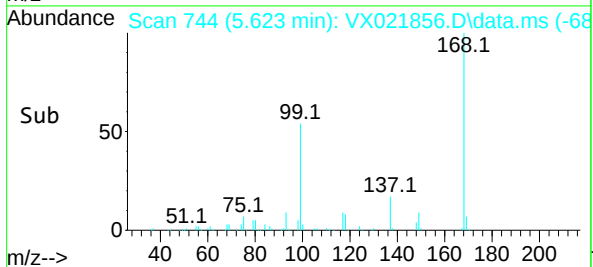
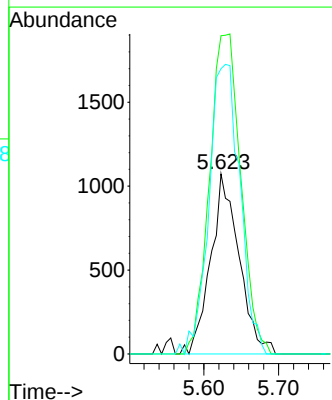
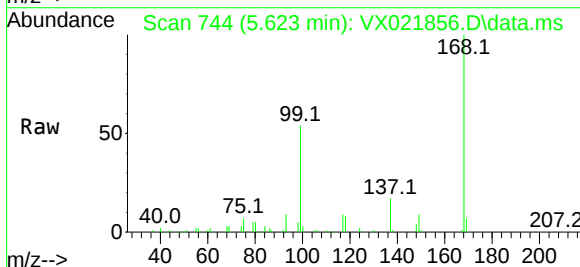
Instrument :
MSVOA_X
ClientSampled :

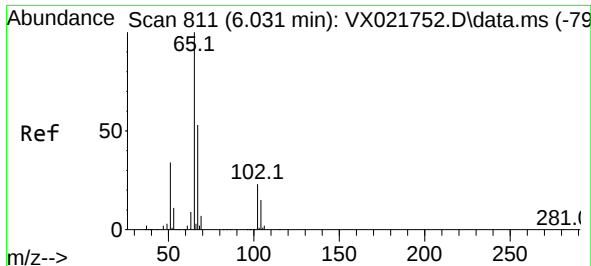
Tgt Ion: 43 Resp: 323
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.080 min
Lab File: VX021856.D
Acq: 23 Apr 2021 20:32

Tgt Ion: 56 Resp: 2845
Ion Ratio Lower Upper
56 100
69 176.8 25.3 37.9#
84 158.4 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.81 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX021856.D

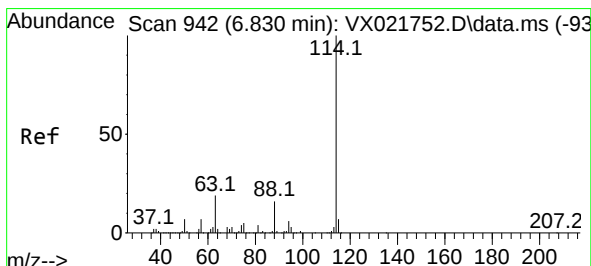
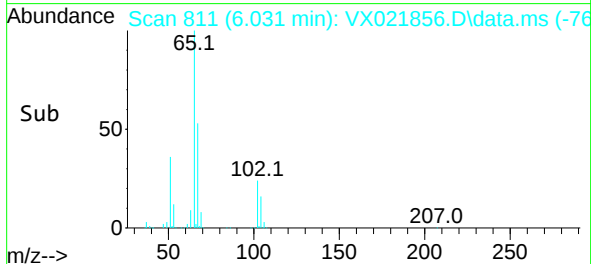
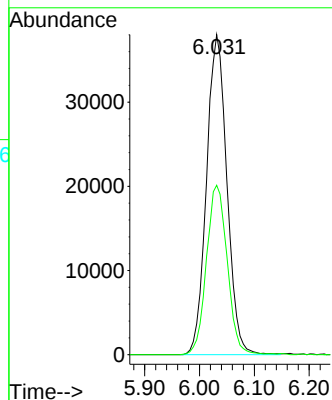
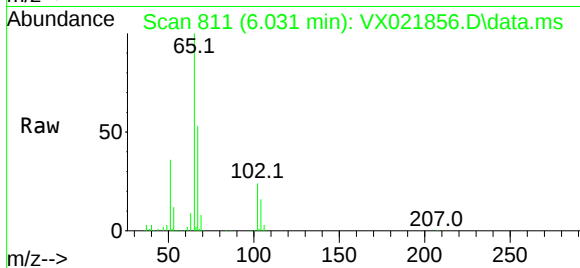
Acq: 23 Apr 2021 20:32

Tgt Ion: 65 Resp: 98278

Ion Ratio Lower Upper

65 100

67 53.9 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: VX021856.D

Acq: 23 Apr 2021 20:32

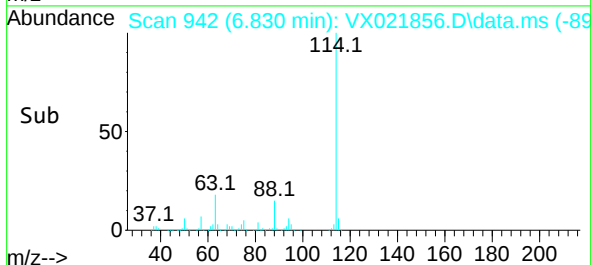
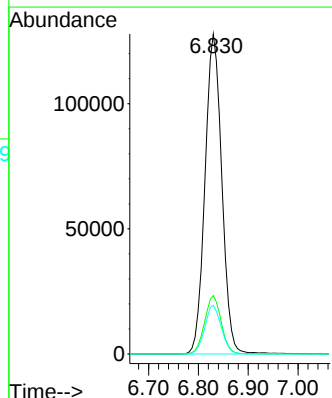
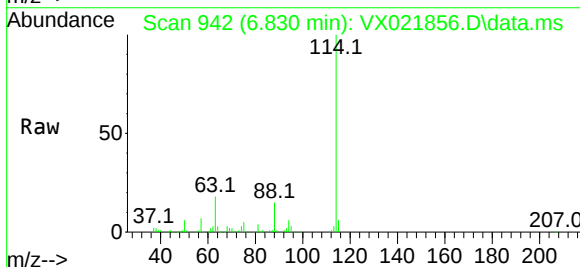
Tgt Ion: 114 Resp: 299279

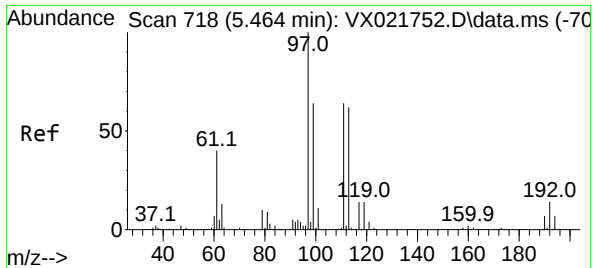
Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.8

88 15.2 0.0 32.8

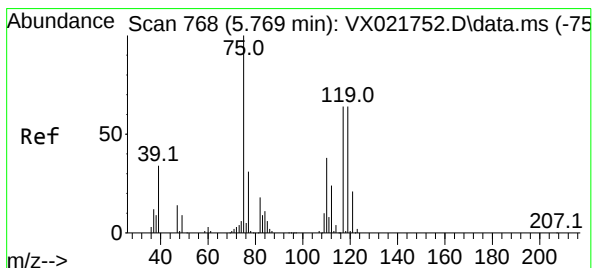
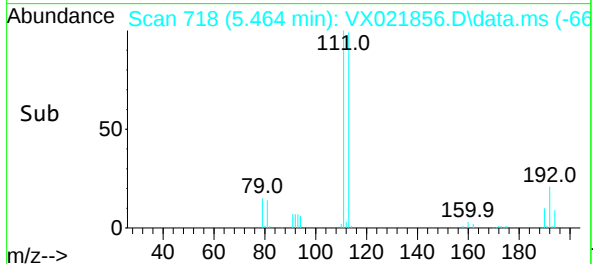
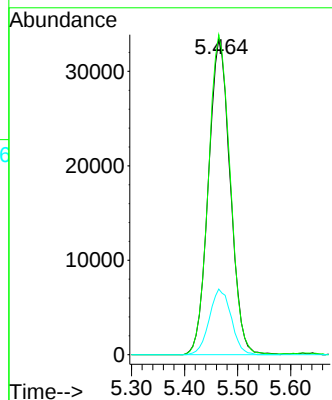
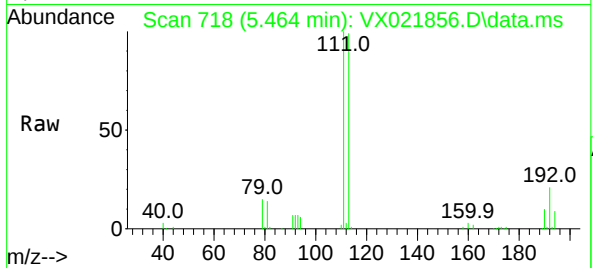




#35
Dibromofluoromethane
Concen: 49.71 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021856.D
Acq: 23 Apr 2021 20:32

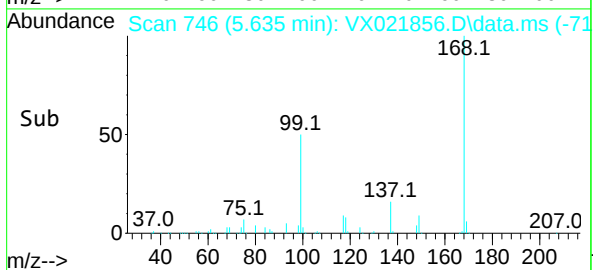
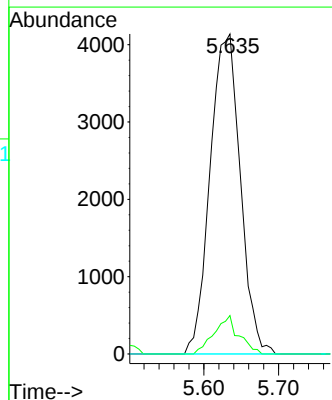
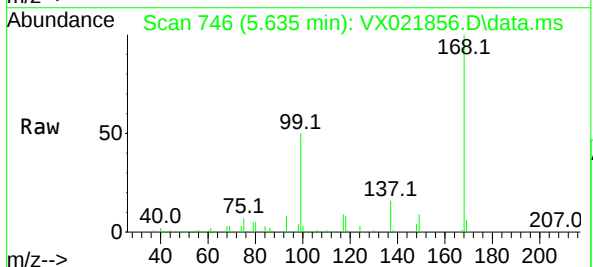
Instrument :
MSVOA_X
ClientSampleId :

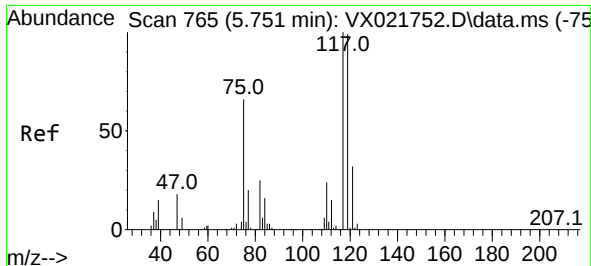
Tgt Ion:113 Resp: 95139
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 20.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 5.635 min Scan# 746
Delta R.T. -0.134 min
Lab File: VX021856.D
Acq: 23 Apr 2021 20:32

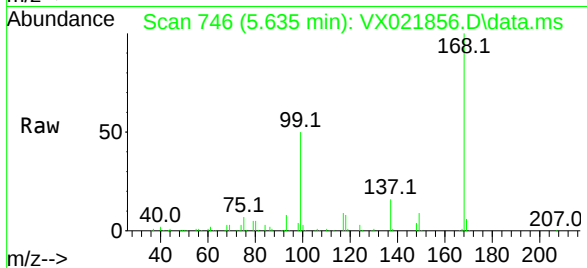
Tgt Ion: 75 Resp: 11633
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



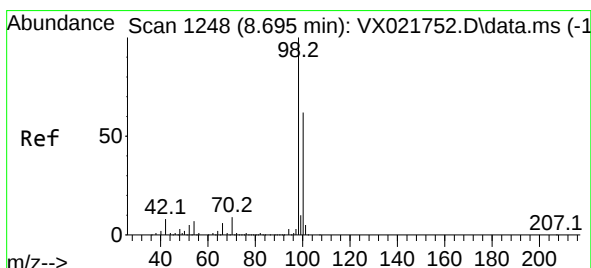
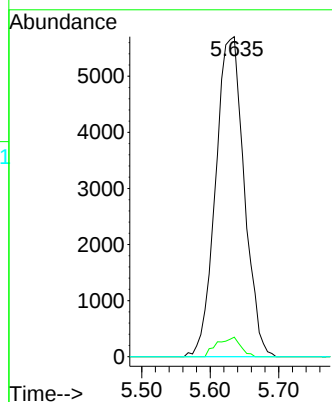
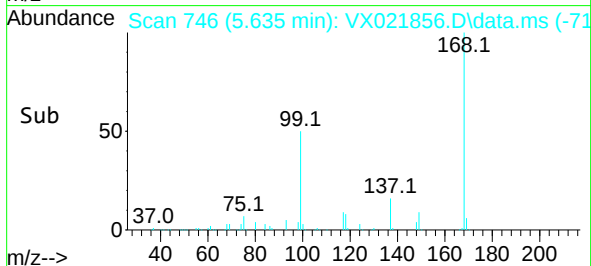


#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 5.635 min Scan# 746
Delta R.T. -0.116 min
Lab File: VX021856.D
Acq: 23 Apr 2021 20:32

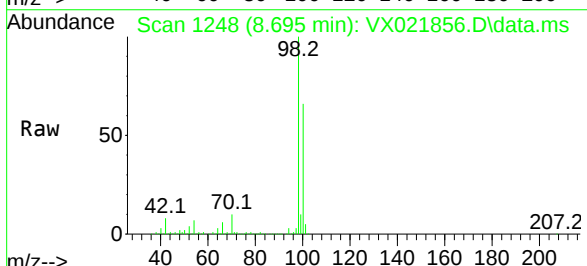
Instrument :
MSVOA_X
ClientSampleId :



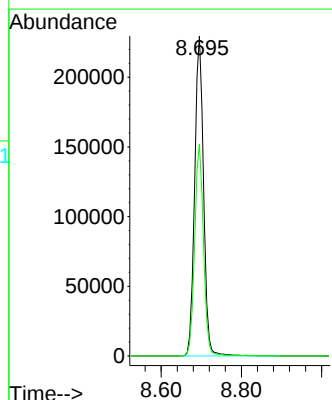
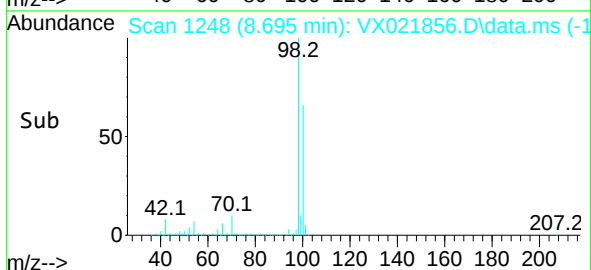
Tgt Ion:117 Resp: 16497
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#

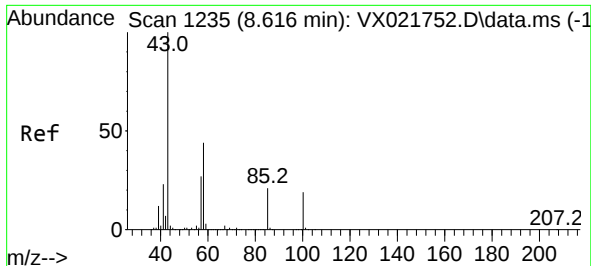


#50
Toluene-d8
Concen: 48.01 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021856.D
Acq: 23 Apr 2021 20:32



Tgt Ion: 98 Resp: 353308
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

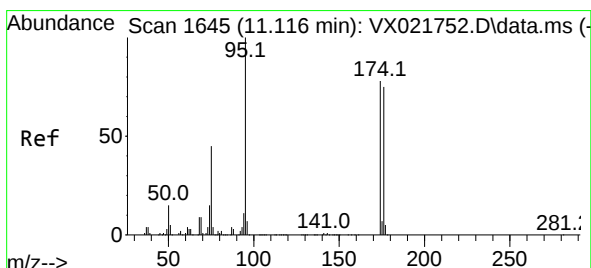
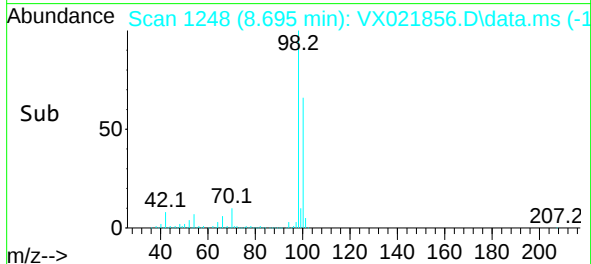
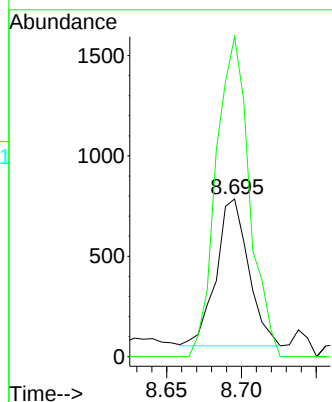
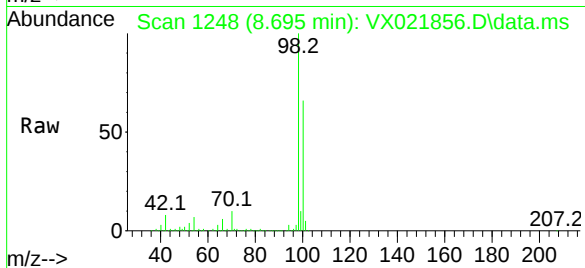




#51
4-Methyl-2-Pentanone
Concen: 0.44 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.079 min
Lab File: VX021856.D
Acq: 23 Apr 2021 20:32

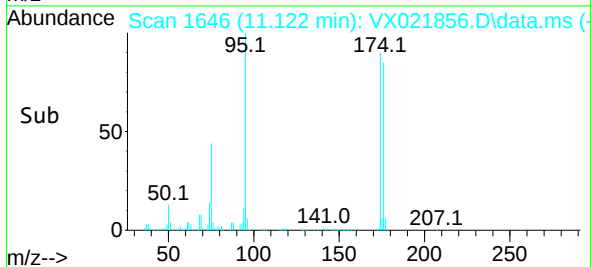
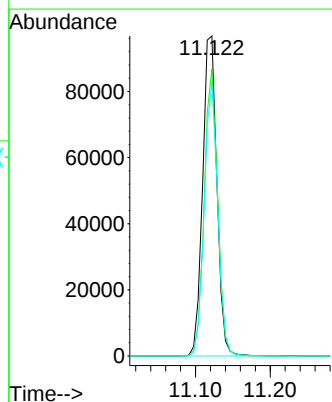
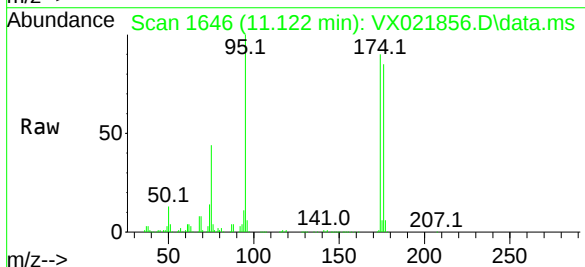
Instrument :
MSVOA_X
ClientSampled :

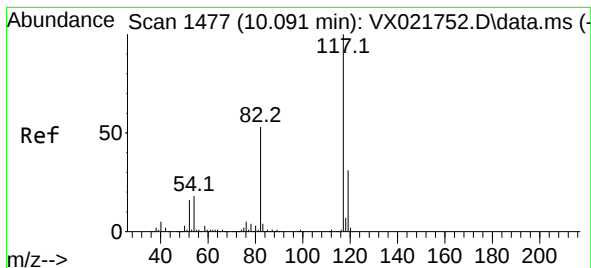
Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
58 224.3 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.58 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021856.D
Acq: 23 Apr 2021 20:32

Tgt Ion: 95 Resp: 128018
Ion Ratio Lower Upper
95 100
174 85.1 0.0 154.6
176 81.2 0.0 155.8

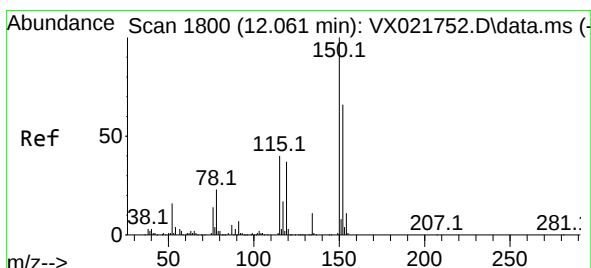
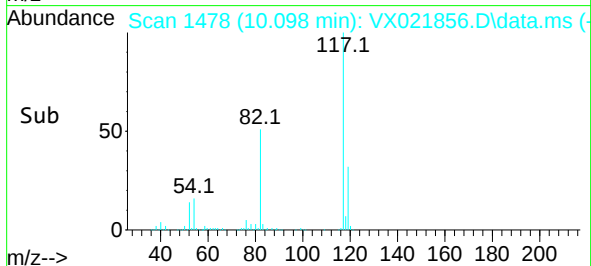
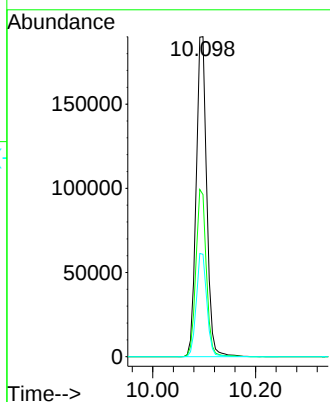
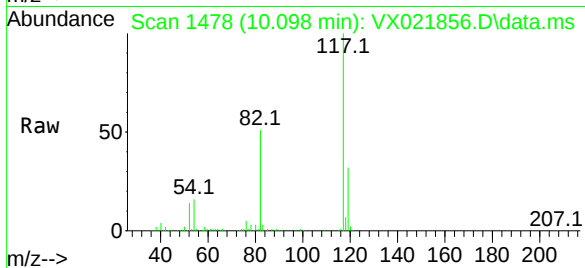




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.007 min
Lab File: VX021856.D
Acq: 23 Apr 2021 20:32

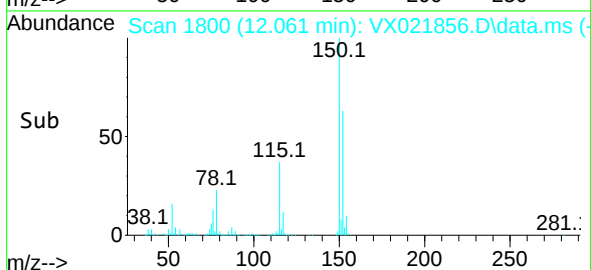
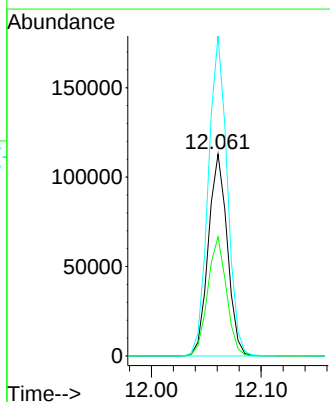
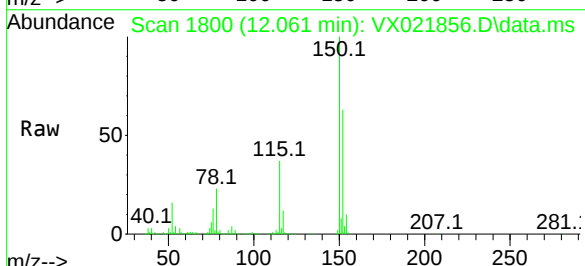
Instrument :
MSVOA_X
ClientSampled :

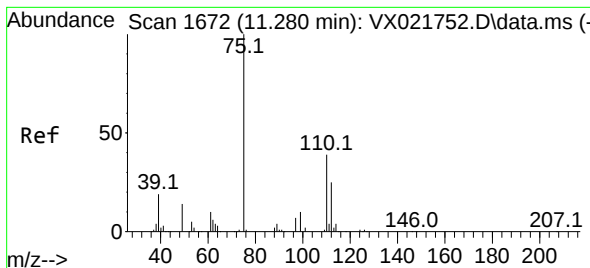
Tgt Ion:117 Resp: 271386
Ion Ratio Lower Upper
117 100
82 50.6 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021856.D
Acq: 23 Apr 2021 20:32

Tgt Ion:152 Resp: 135426
Ion Ratio Lower Upper
152 100
115 58.2 41.1 123.3
150 158.3 0.0 349.0

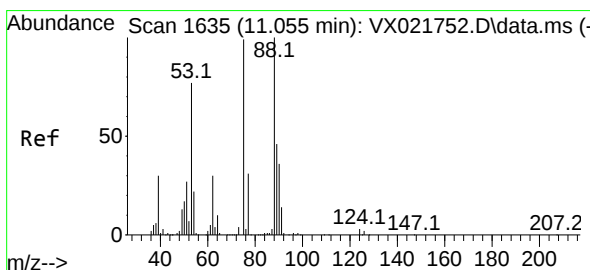
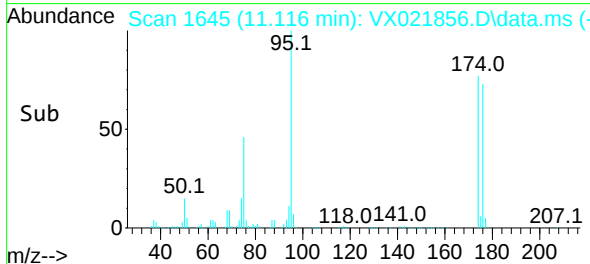
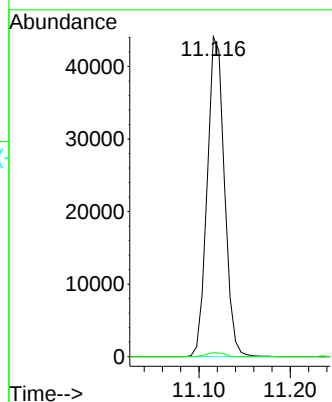
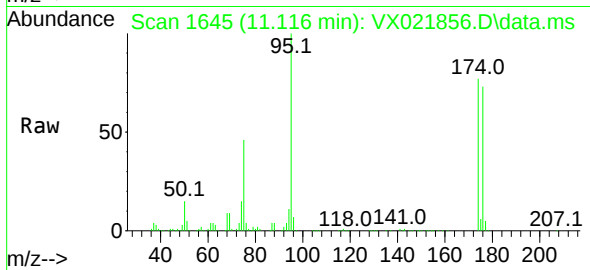




#76
1,2,3-Trichloropropane
Concen: 21.39 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021856.D
Acq: 23 Apr 2021 20:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 57447
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.19 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021856.D
Acq: 23 Apr 2021 20:32

Tgt Ion: 75 Resp: 57447
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

