

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021853.D
 Acq On : 23 Apr 2021 19:24
 Operator : JC/MD
 Sample : M2150-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 26 04:07:03 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)

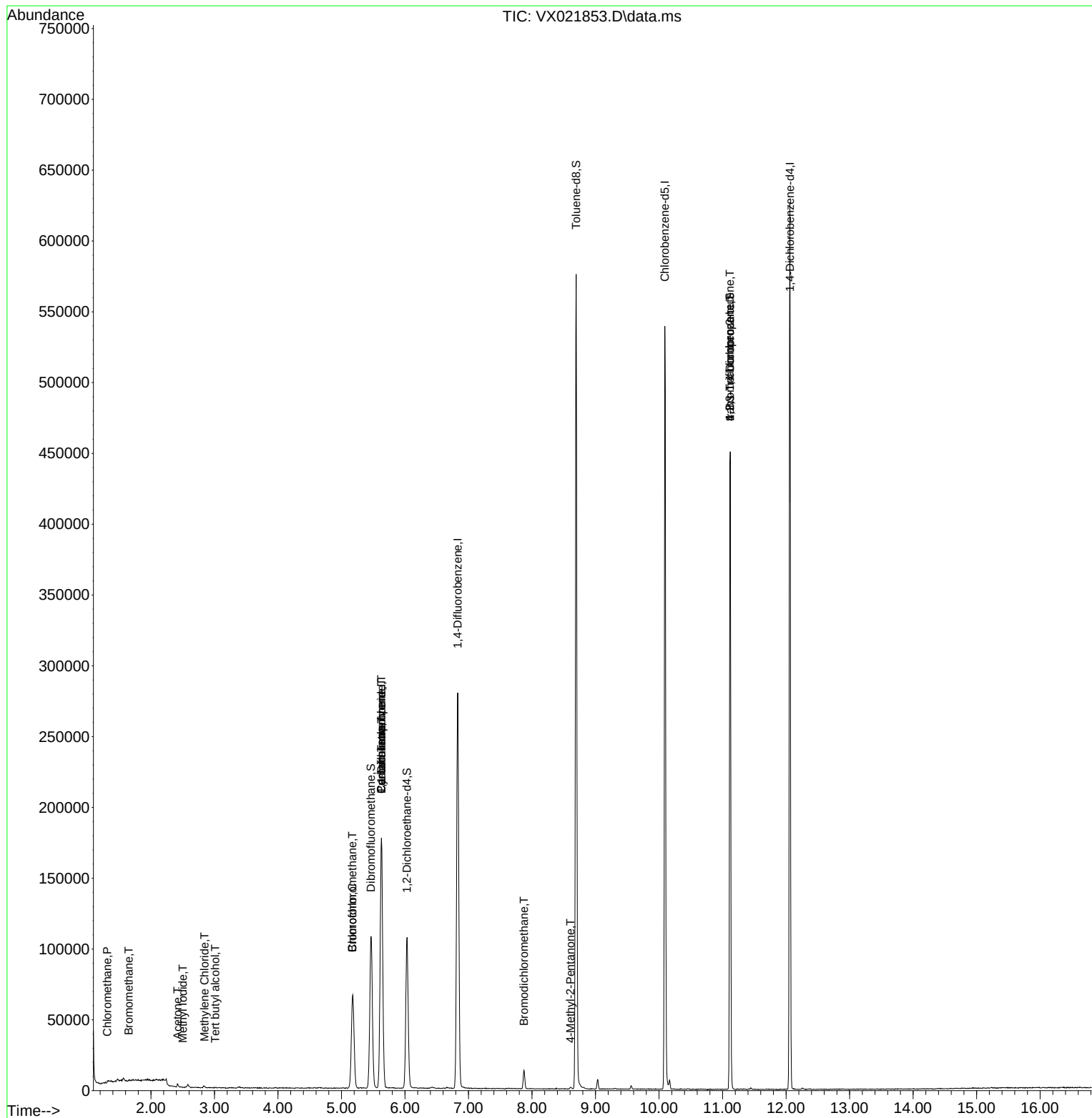
Internal Standards						
1) Pentafluorobenzene	5.629	168	181141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	304849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	273242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	135657	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	99721	48.53	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.06%
35) Dibromofluoromethane	5.464	113	96154	49.32	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.64%
50) Toluene-d8	8.696	98	360905	48.15	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.30%
62) 4-Bromofluorobenzene	11.116	95	130208	46.51	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.02%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	866	0.68	ug/l	94
5) Bromomethane	1.648	94	225	0.25	ug/l #	62
10) Methyl Iodide	2.502	142	52	8.18	ug/l #	42
11) Tert butyl alcohol	3.014	59	140	0.31	ug/l #	1
16) Acetone	2.416	43	1975	2.80	ug/l	99
20) Methylene Chloride	2.843	84	583	0.28	ug/l #	70
28) Bromochloromethane	5.172	49	5297	3.99	ug/l #	9
30) Chloroform	5.172	83	82758	23.88	ug/l	97
31) Cyclohexane	5.629	56	2897	1.00	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	11609	4.31	ug/l #	49
38) Carbon Tetrachloride	5.629	117	16834	5.71	ug/l #	16
47) Bromodichloromethane	7.873	83	8583	2.85	ug/l #	94
51) 4-Methyl-2-Pentanone	8.604	43	1783	0.70	ug/l #	32
76) 1,2,3-Trichloropropane	11.116	75	59041	21.95	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	59041	50.47	ug/l #	12

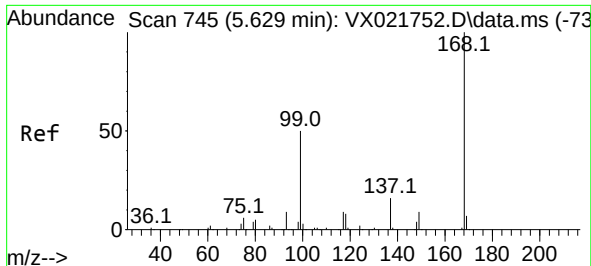
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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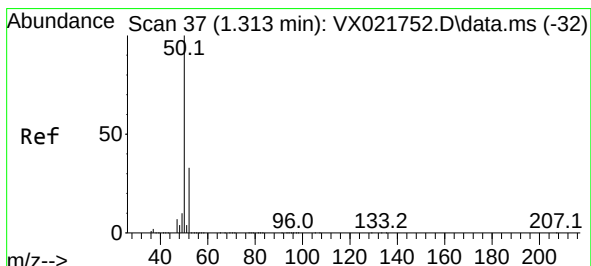
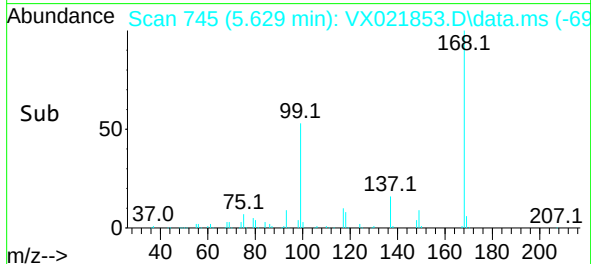
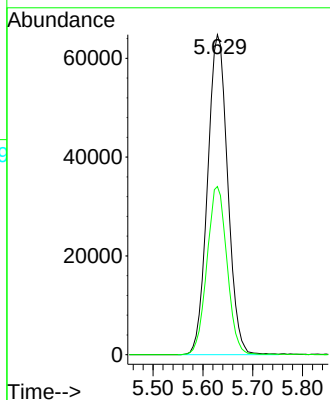
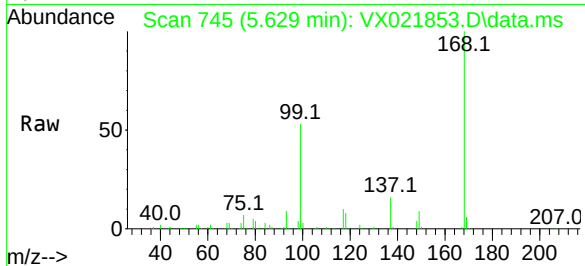




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021853.D
Acq: 23 Apr 2021 19:24

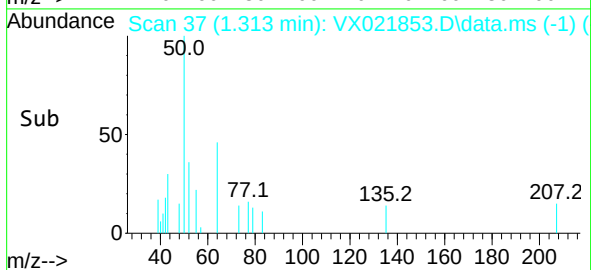
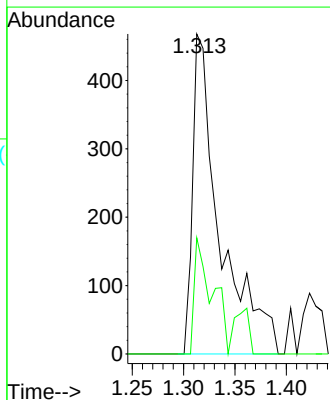
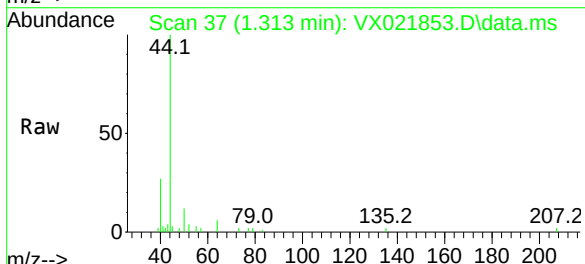
Instrument :
MSVOA_X
ClientSampleId :

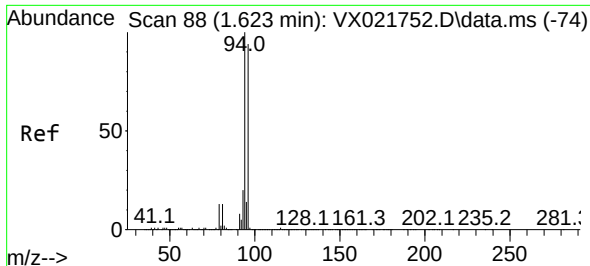
Tgt Ion:168 Resp: 181141
Ion Ratio Lower Upper
168 100
99 52.5 45.8 68.6



#3
Chloromethane
Concen: 0.68 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX021853.D
Acq: 23 Apr 2021 19:24

Tgt Ion: 50 Resp: 866
Ion Ratio Lower Upper
50 100
52 36.3 26.4 39.6

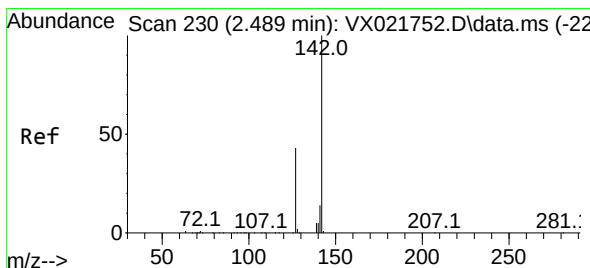
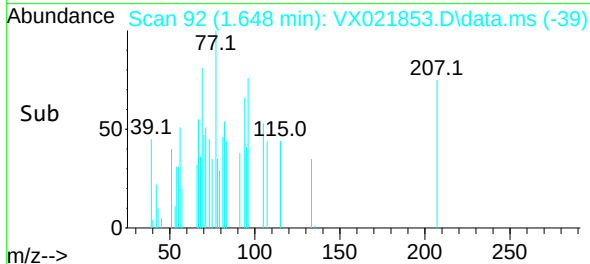
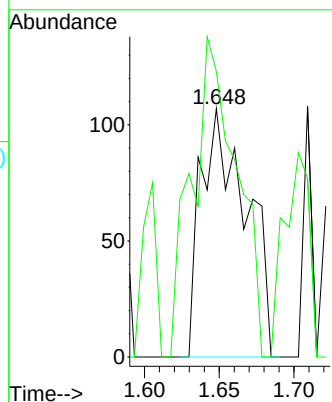
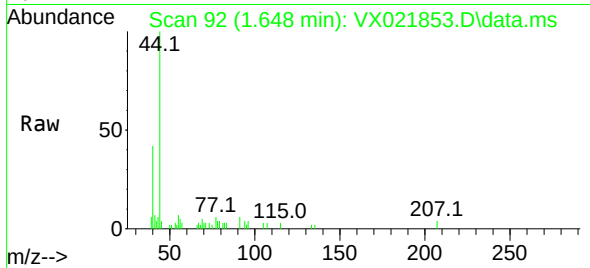




#5
Bromomethane
Concen: 0.25 ug/l
RT: 1.648 min Scan# 92
Delta R.T. 0.025 min
Lab File: VX021853.D
Acq: 23 Apr 2021 19:24

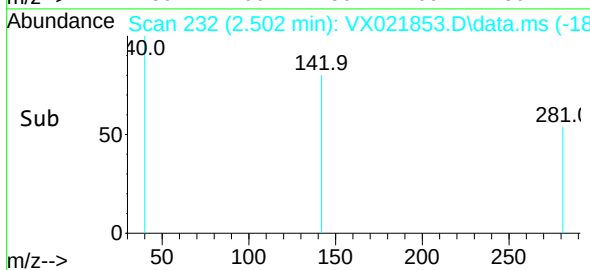
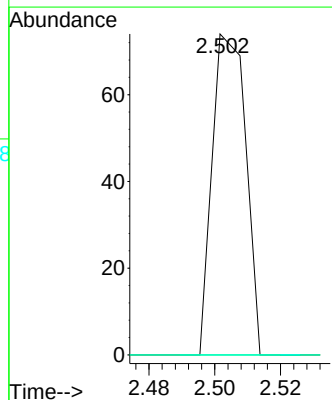
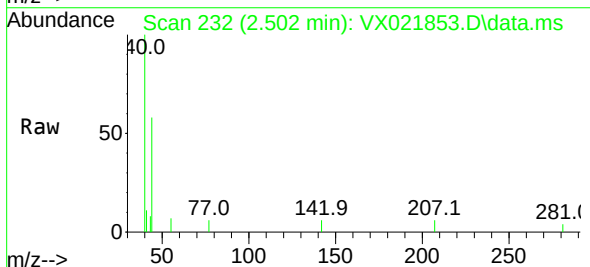
Instrument :
MSVOA_X
ClientSampled :

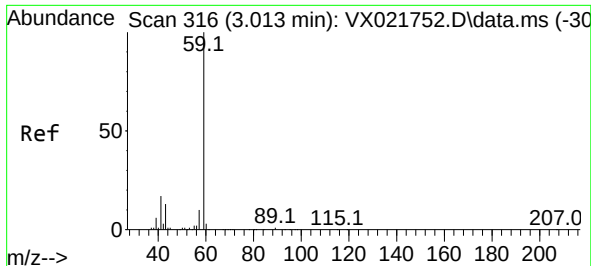
Tgt Ion: 94 Resp: 225
Ion Ratio Lower Upper
94 100
96 58.9 76.4 114.6#



#10
Methyl Iodide
Concen: 8.18 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.013 min
Lab File: VX021853.D
Acq: 23 Apr 2021 19:24

Tgt Ion: 142 Resp: 52
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



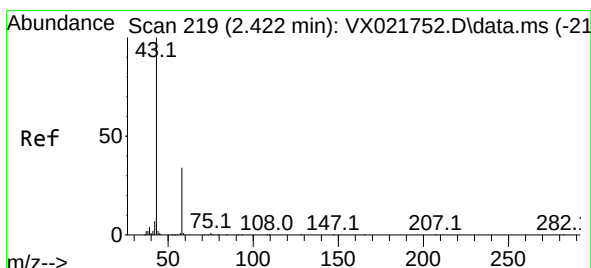
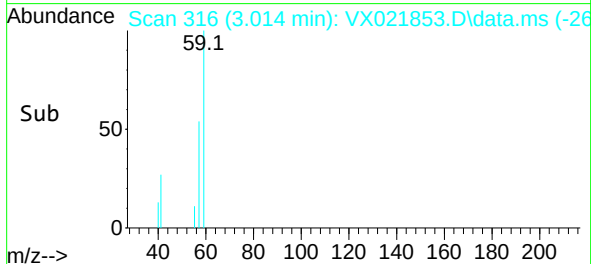
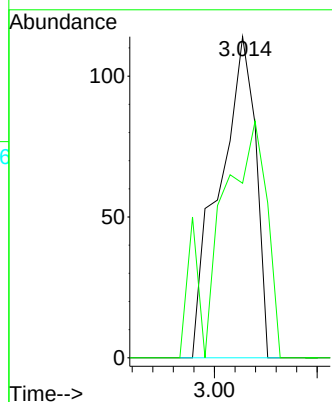
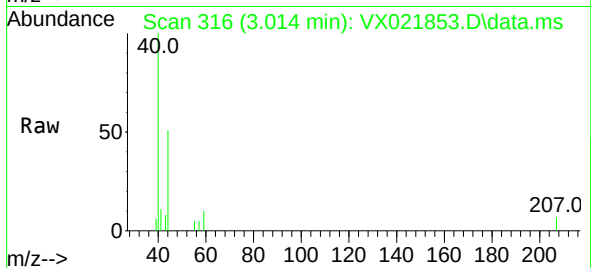


#11

Tert butyl alcohol
Concen: 0.31 ug/l
RT: 3.014 min Scan# 316
Delta R.T. 0.001 min
Lab File: VX021853.D
Acq: 23 Apr 2021 19:24

Instrument :
MSVOA_X
ClientSampled :

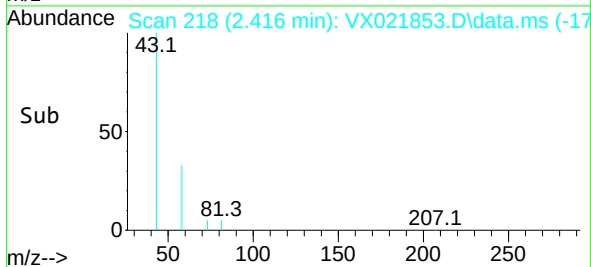
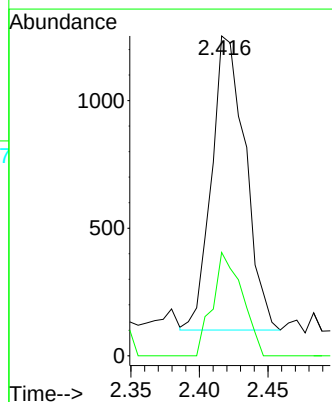
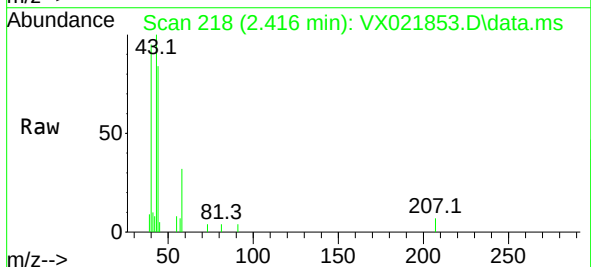
Tgt Ion: 59 Resp: 140
Ion Ratio Lower Upper
59 100
57 96.4 7.8 11.8#

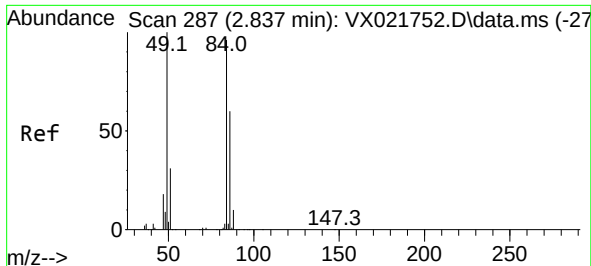


#16

Acetone
Concen: 2.80 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX021853.D
Acq: 23 Apr 2021 19:24

Tgt Ion: 43 Resp: 1975
Ion Ratio Lower Upper
43 100
58 35.2 27.8 41.8

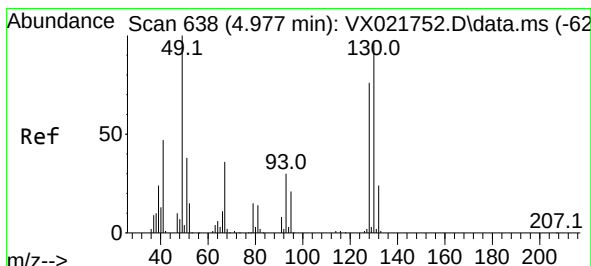
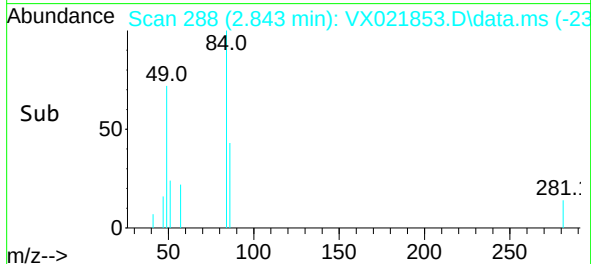
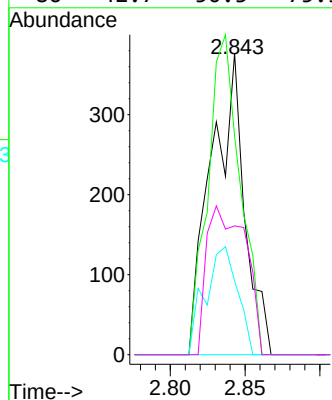
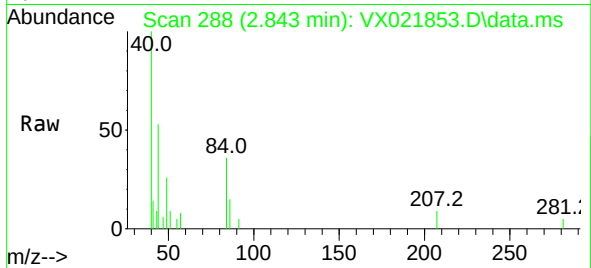




#20
Methylene Chloride
Concen: 0.28 ug/l
RT: 2.843 min Scan# 288
Delta R.T. 0.006 min
Lab File: VX021853.D
Acq: 23 Apr 2021 19:24

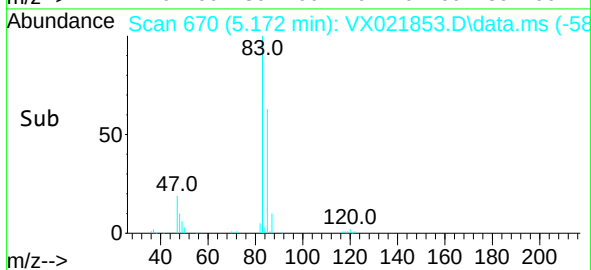
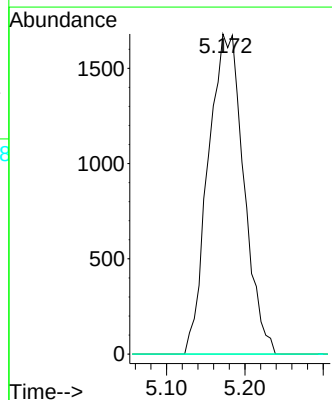
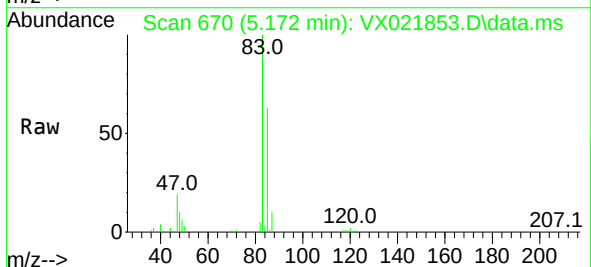
Instrument :
MSVOA_X
ClientSampled :

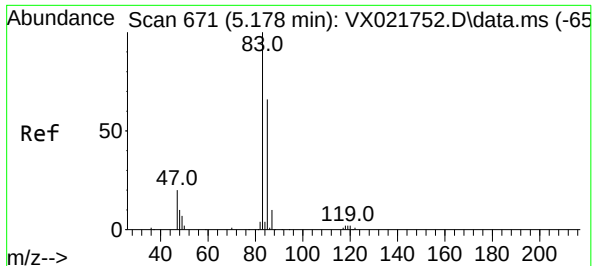
Tgt Ion: 84 Resp: 583
Ion Ratio Lower Upper
84 100
49 72.4 88.6 132.8#
51 24.4 27.0 40.6#
86 42.7 50.3 75.5#



#28
Bromochloromethane
Concen: 3.99 ug/l
RT: 5.172 min Scan# 670
Delta R.T. 0.195 min
Lab File: VX021853.D
Acq: 23 Apr 2021 19:24

Tgt Ion: 49 Resp: 5297
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#





#30

Chloroform

Concen: 23.88 ug/l

RT: 5.172 min Scan# 670

Delta R.T. -0.006 min

Lab File: VX021853.D

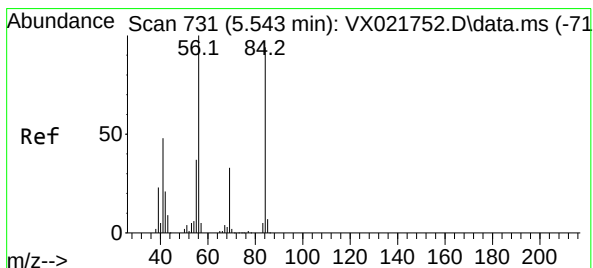
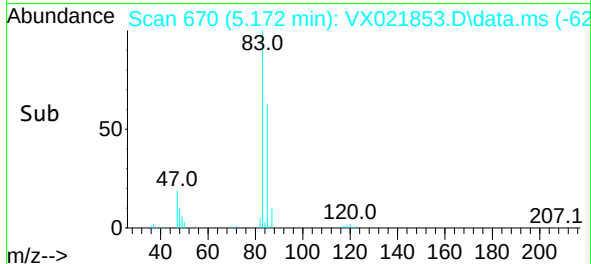
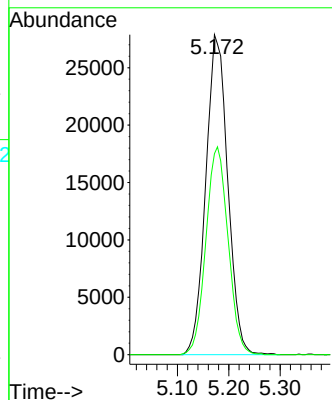
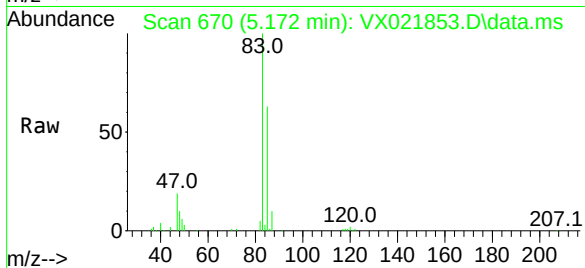
Acq: 23 Apr 2021 19:24

Tgt Ion: 83 Resp: 82758

Ion Ratio Lower Upper

83 100

85 62.8 52.0 78.0



#31

Cyclohexane

Concen: 1.00 ug/l

RT: 5.629 min Scan# 745

Delta R.T. 0.086 min

Lab File: VX021853.D

Acq: 23 Apr 2021 19:24

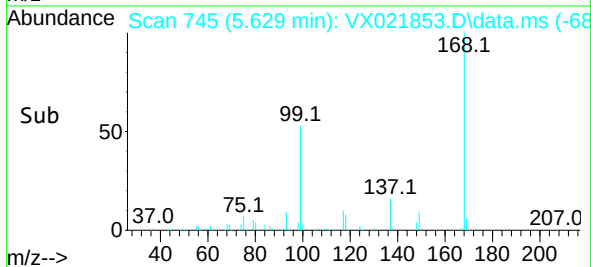
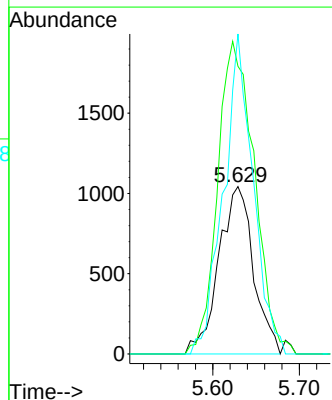
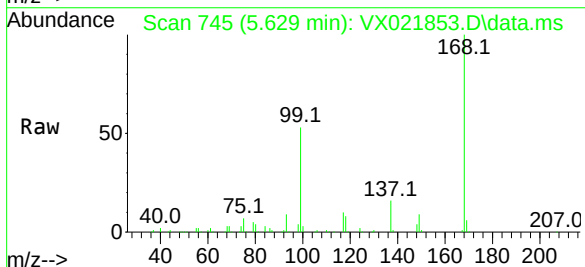
Tgt Ion: 56 Resp: 2897

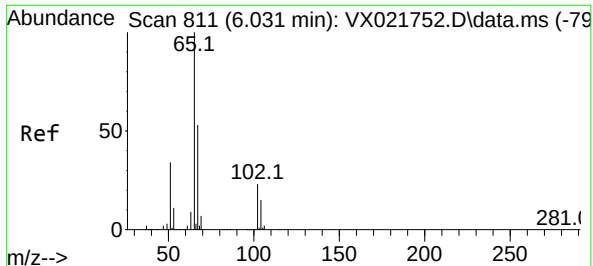
Ion Ratio Lower Upper

56 100

69 171.9 25.3 37.9#

84 191.2 71.4 107.0#

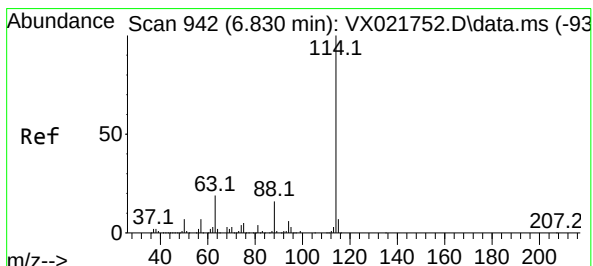
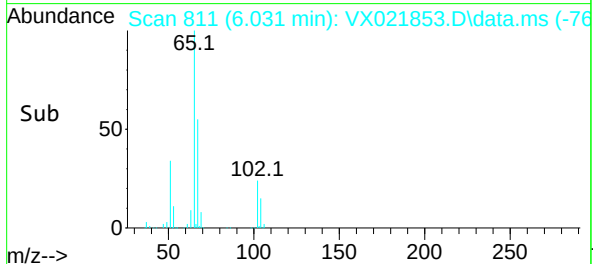
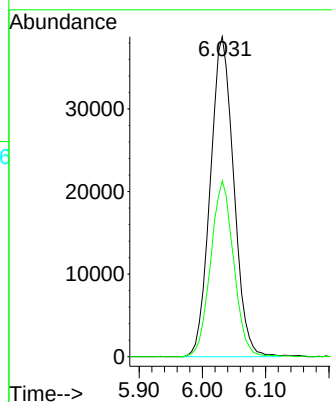
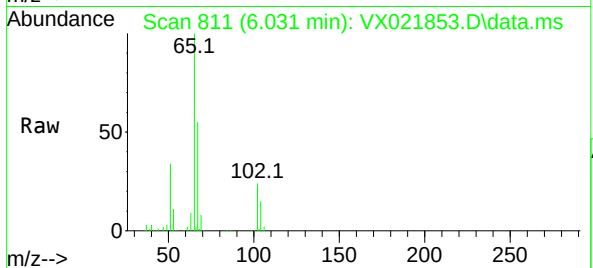




#33
1,2-Dichloroethane-d4
Concen: 48.53 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021853.D
Acq: 23 Apr 2021 19:24

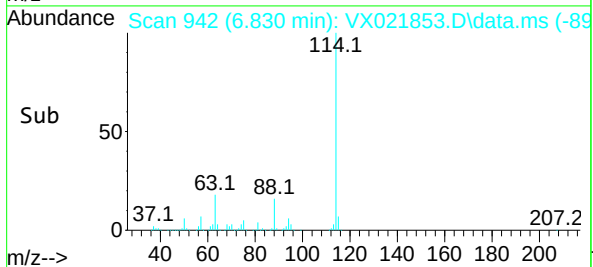
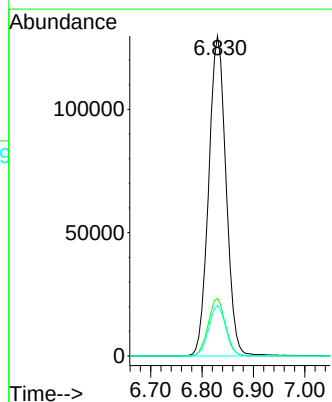
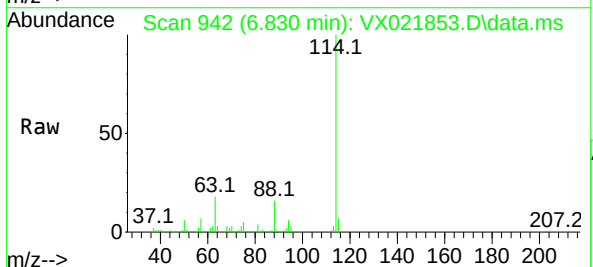
Instrument :
MSVOA_X
ClientSampled :

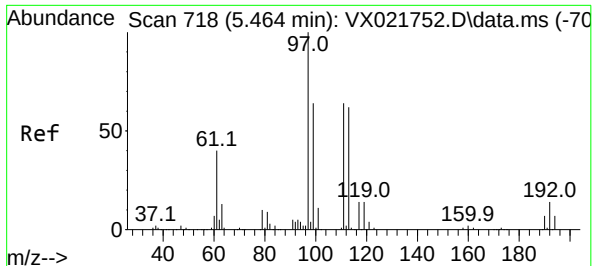
Tgt Ion: 65 Resp: 99721
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX021853.D
Acq: 23 Apr 2021 19:24

Tgt Ion: 114 Resp: 304849
Ion Ratio Lower Upper
114 100
63 18.0 0.0 40.8
88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.32 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX021853.D

Acq: 23 Apr 2021 19:24

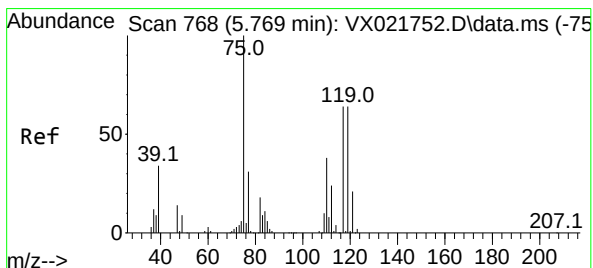
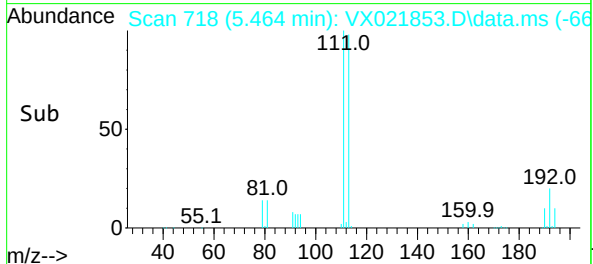
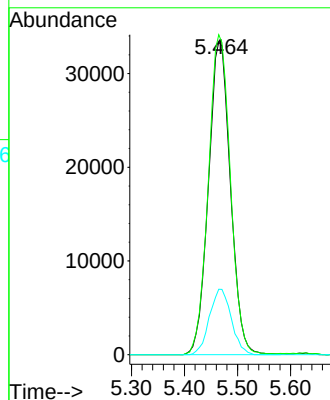
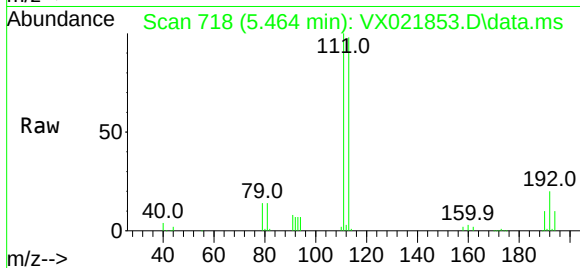
Tgt Ion: 113 Resp: 96154

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

192 20.8 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.31 ug/l

RT: 5.629 min Scan# 745

Delta R.T. -0.140 min

Lab File: VX021853.D

Acq: 23 Apr 2021 19:24

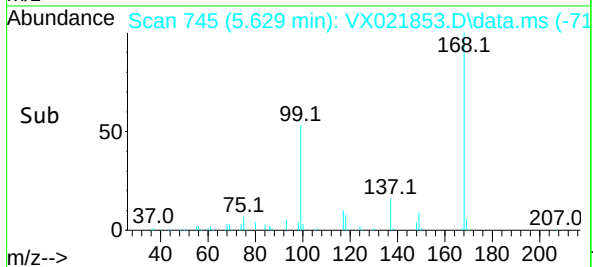
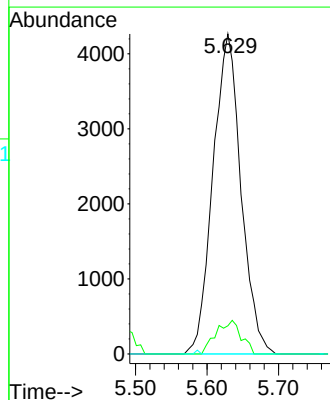
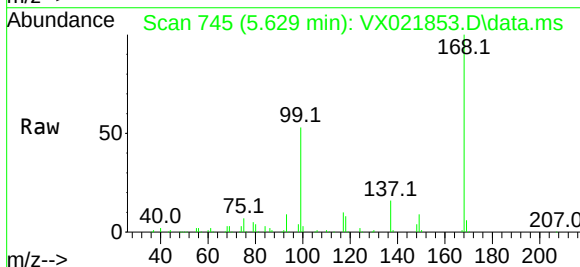
Tgt Ion: 75 Resp: 11609

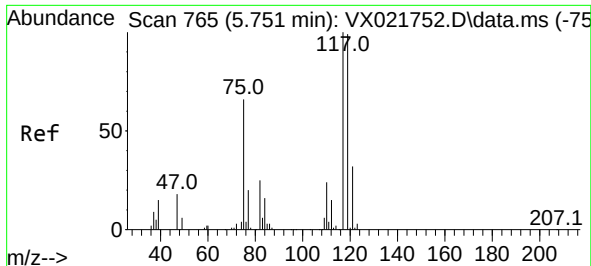
Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.4#

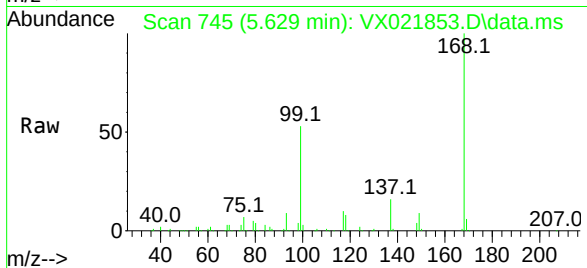
77 0.0 25.3 37.9#



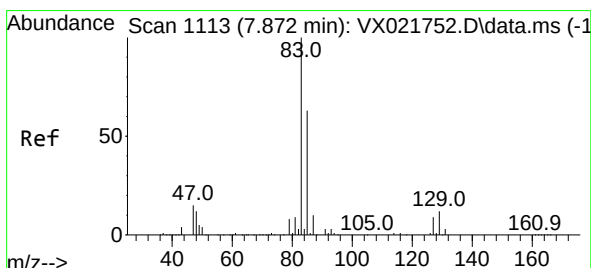
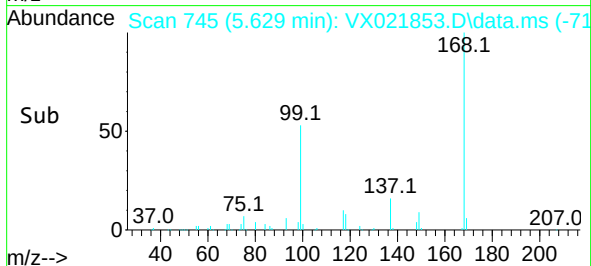
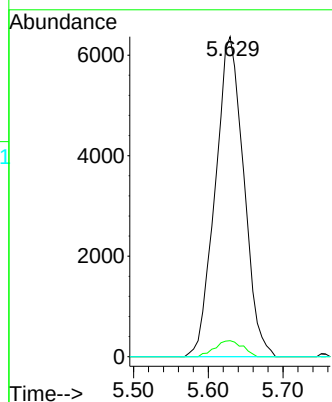


#38
Carbon Tetrachloride
Concen: 5.71 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021853.D
Acq: 23 Apr 2021 19:24

Instrument :
MSVOA_X
ClientSampleId :

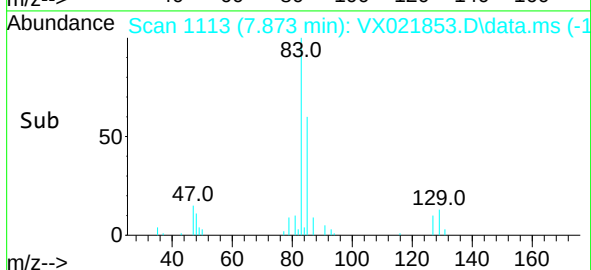
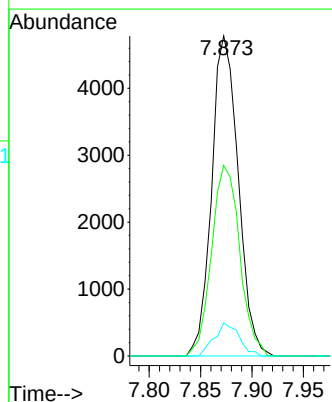
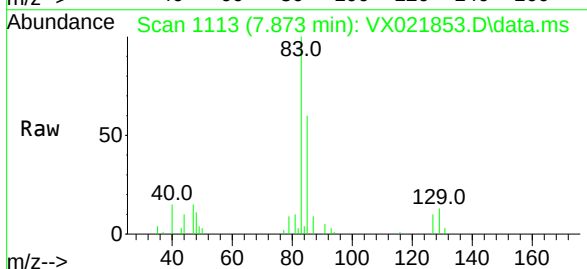


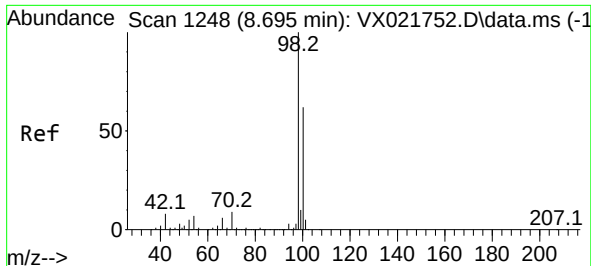
Tgt Ion: 117 Resp: 16834
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#



#47
Bromodichloromethane
Concen: 2.85 ug/l
RT: 7.873 min Scan# 1113
Delta R.T. 0.001 min
Lab File: VX021853.D
Acq: 23 Apr 2021 19:24

Tgt Ion: 83 Resp: 8583
Ion Ratio Lower Upper
83 100
85 59.6 51.4 77.0
127 10.3 6.8 10.2#

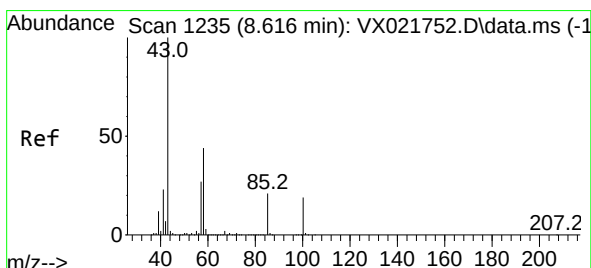
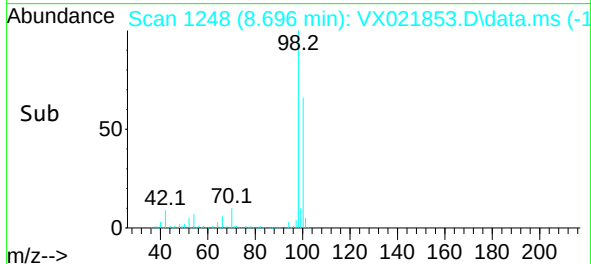
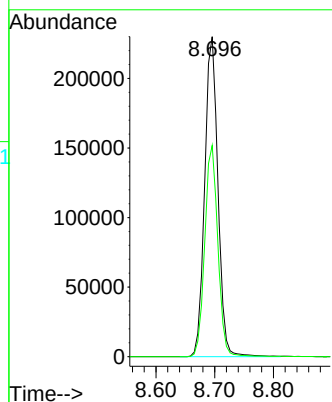
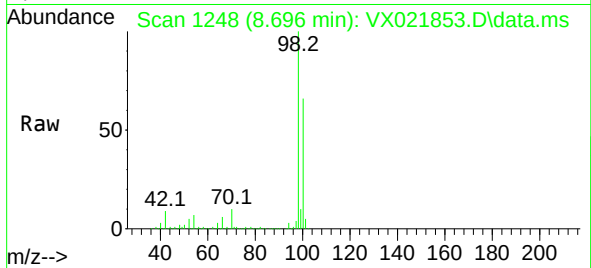




#50
Toluene-d8
Concen: 48.15 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021853.D
Acq: 23 Apr 2021 19:24

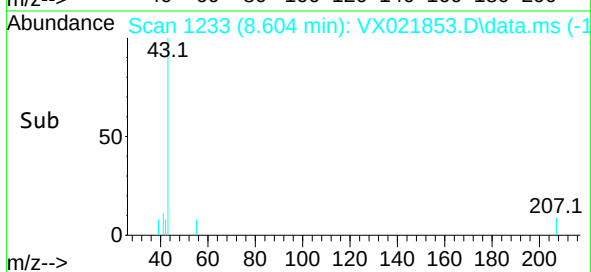
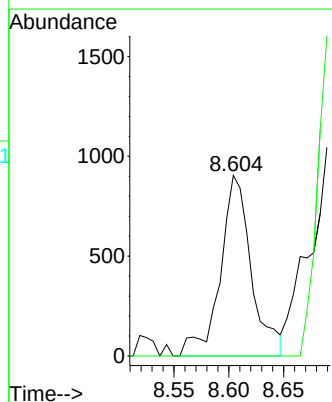
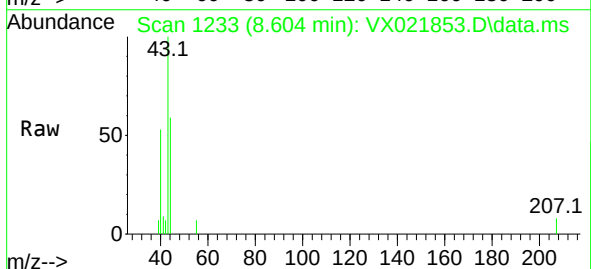
Instrument :
MSVOA_X
ClientSampled :

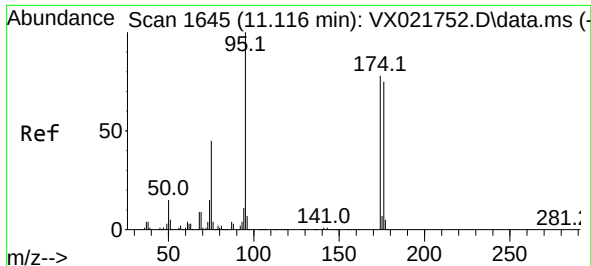
Tgt Ion: 98 Resp: 360905
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.70 ug/l
RT: 8.604 min Scan# 1233
Delta R.T. -0.012 min
Lab File: VX021853.D
Acq: 23 Apr 2021 19:24

Tgt Ion: 43 Resp: 1783
Ion Ratio Lower Upper
43 100
58 0.0 35.4 53.0#

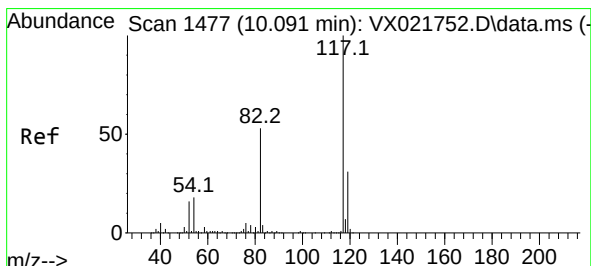
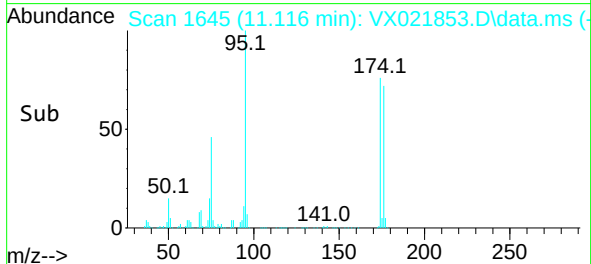
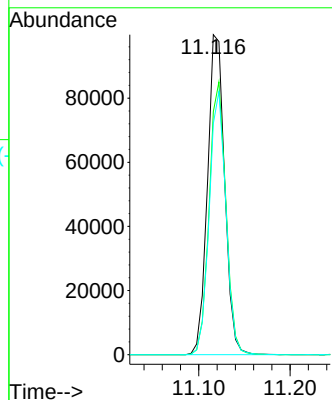
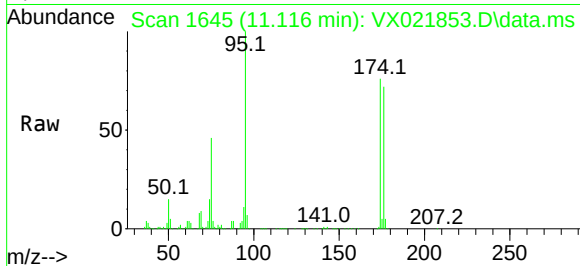




#62
4-Bromofluorobenzene
Concen: 46.51 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021853.D
Acq: 23 Apr 2021 19:24

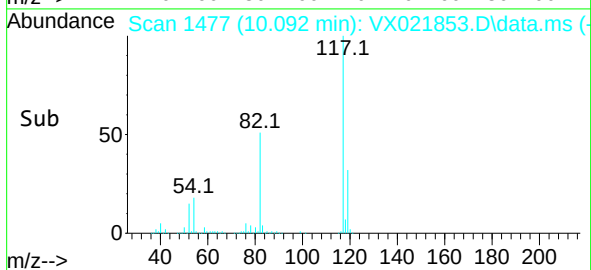
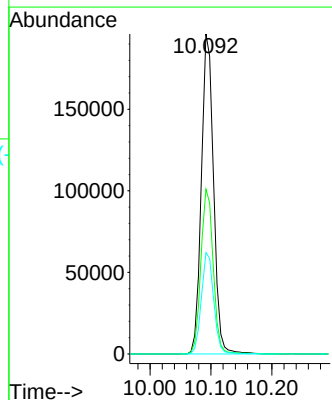
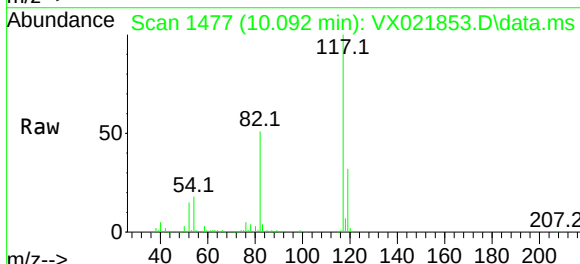
Instrument :
MSVOA_X
ClientSampleId :

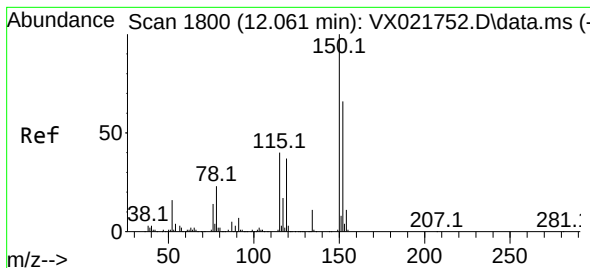
Tgt Ion: 95 Resp: 130208
Ion Ratio Lower Upper
95 100
174 83.0 0.0 154.6
176 79.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021853.D
Acq: 23 Apr 2021 19:24

Tgt Ion: 117 Resp: 273242
Ion Ratio Lower Upper
117 100
82 51.5 47.4 71.2
119 31.6 26.6 39.8

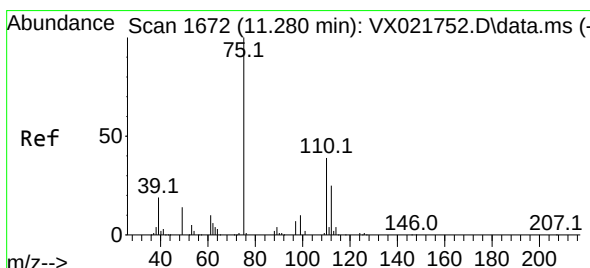
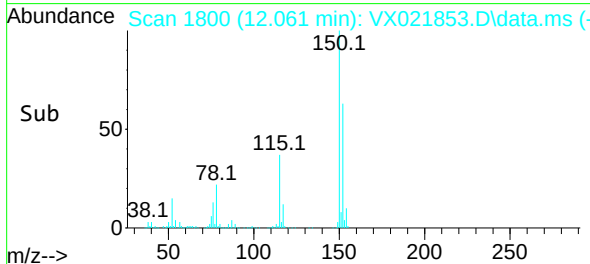
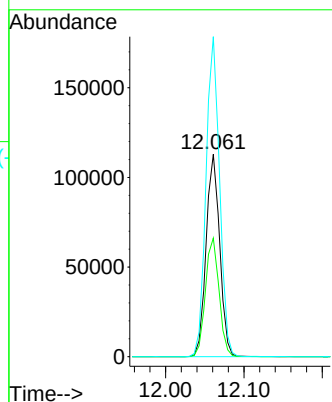
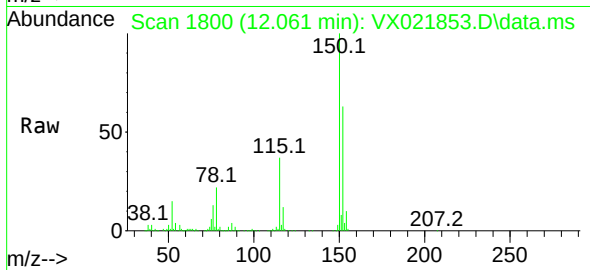




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021853.D
 Acq: 23 Apr 2021 19:24

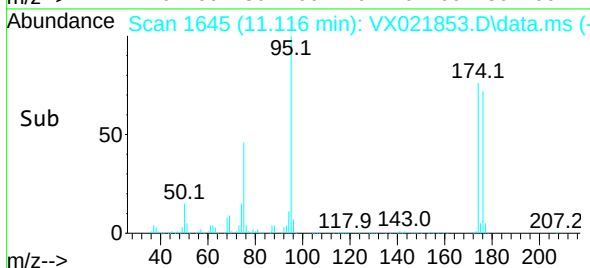
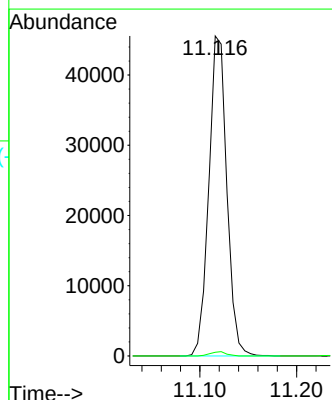
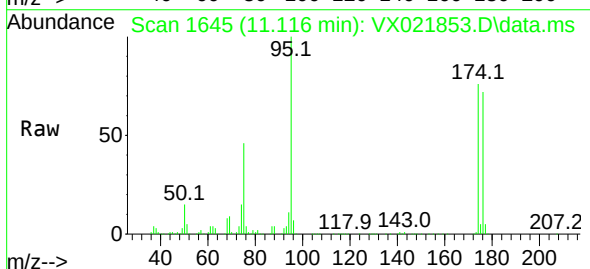
Instrument :
 MSVOA_X
 ClientSampleId :

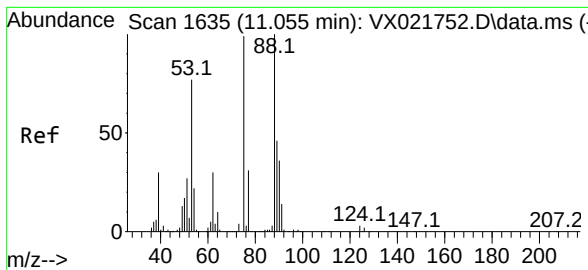
Tgt Ion:152 Resp: 135657
 Ion Ratio Lower Upper
 152 100
 115 58.9 41.1 123.3
 150 157.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.95 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021853.D
 Acq: 23 Apr 2021 19:24

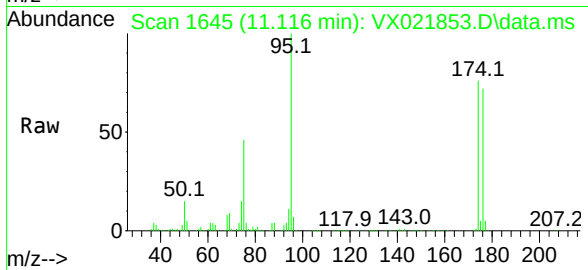
Tgt Ion: 75 Resp: 59041
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.47 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX021853.D
 Acq: 23 Apr 2021 19:24

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 59041
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

