

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021848.D
 Acq On : 23 Apr 2021 17:31
 Operator : JC/MD
 Sample : M2164-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 26 04:05:46 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)

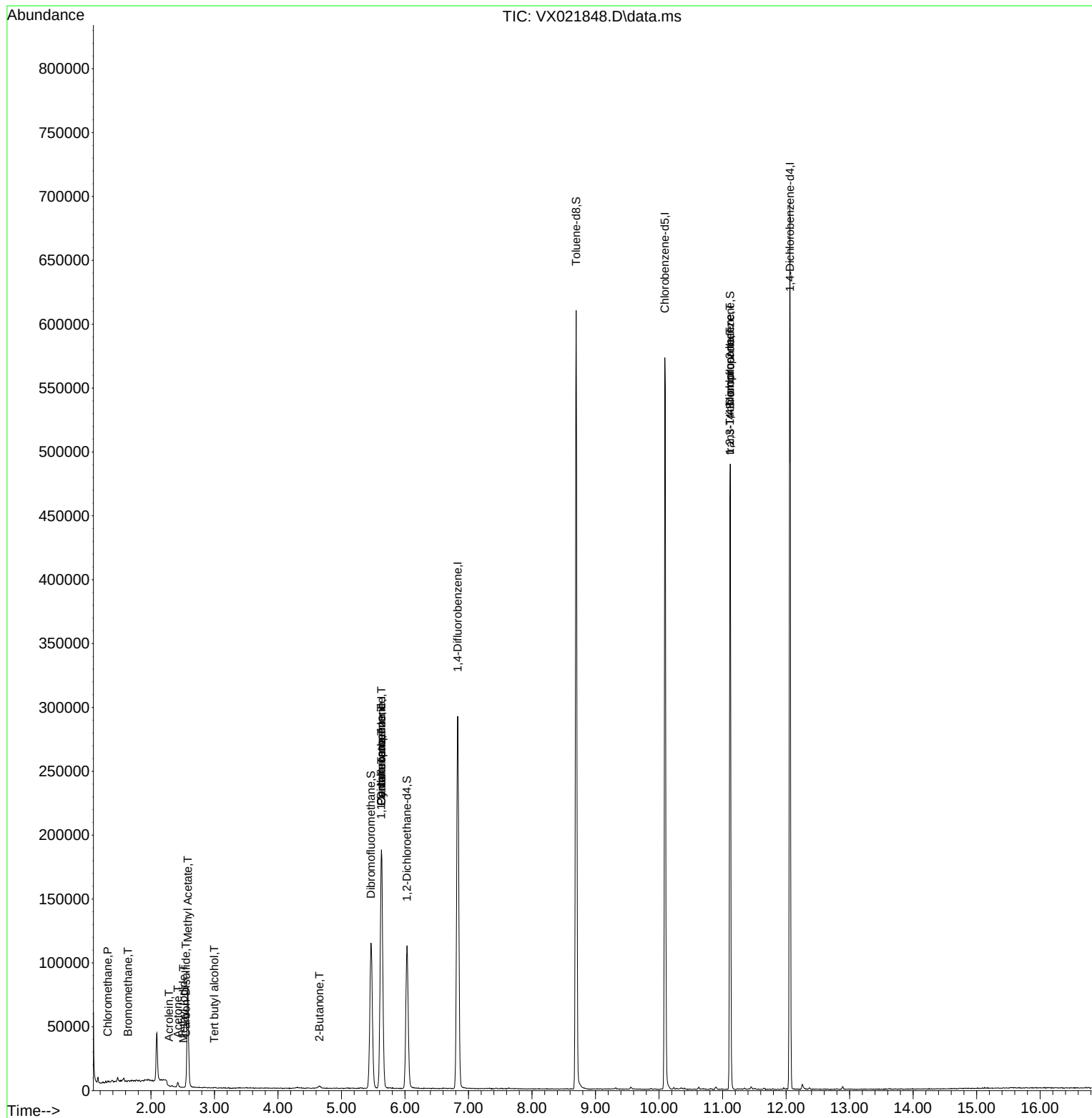
Internal Standards						
1) Pentafluorobenzene	5.629	168	190126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	318811	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	290914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	146993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	104089	48.26	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.52%
35) Dibromofluoromethane	5.464	113	100917	49.50	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.00%
50) Toluene-d8	8.695	98	380150	48.49	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.98%
62) 4-Bromofluorobenzene	11.122	95	141255	48.25	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.50%
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	732	0.60	ug/l	99
5) Bromomethane	1.636	94	202	0.21	ug/l #	42
10) Methyl Iodide	2.507	142	60	8.18	ug/l #	42
11) Tert butyl alcohol	2.995	59	313	0.66	ug/l #	69
13) Acrolein	2.282	56	159	0.42	ug/l #	72
16) Acetone	2.422	43	4493	6.06	ug/l	92
17) Carbon Disulfide	2.550	76	3503	0.70	ug/l #	92
18) Methyl Acetate	2.581	43	17594	8.74	ug/l #	47
25) 2-Butanone	4.653	43	683	0.54	ug/l	100
31) Cyclohexane	5.629	56	3180	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	12718	4.52	ug/l #	49
38) Carbon Tetrachloride	5.629	117	17567	5.70	ug/l #	16
76) 1,2,3-Trichloropropane	11.116	75	62955	21.60	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	62955	49.66	ug/l #	12

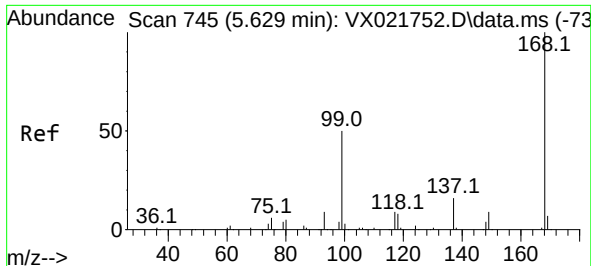
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

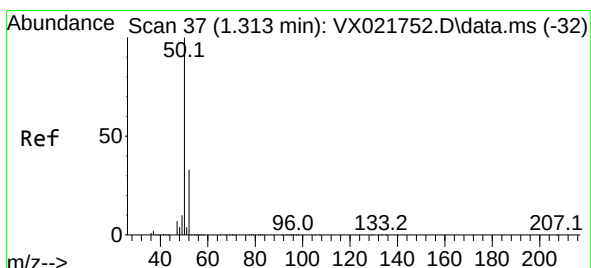
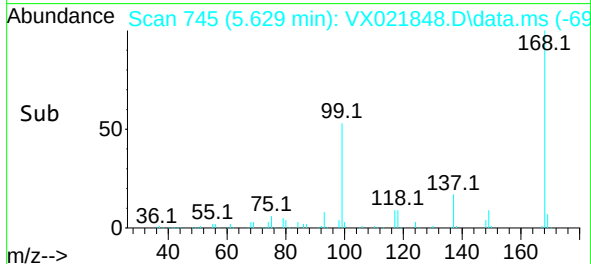
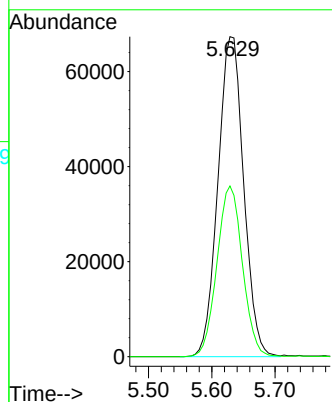
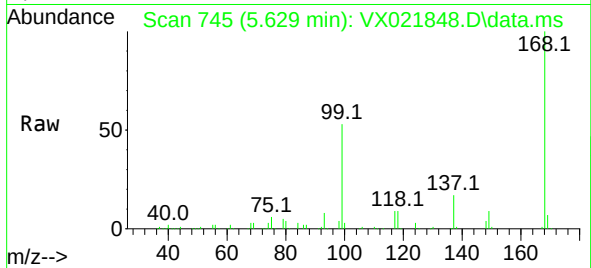




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021848.D
Acq: 23 Apr 2021 17:31

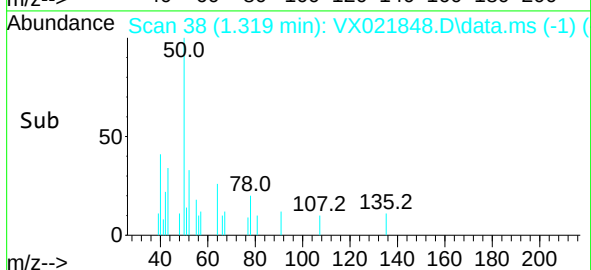
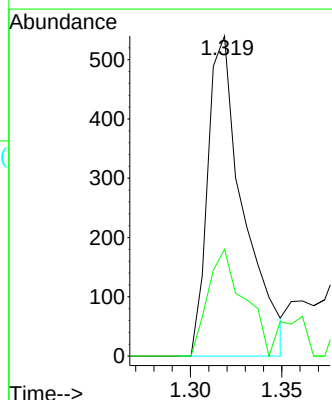
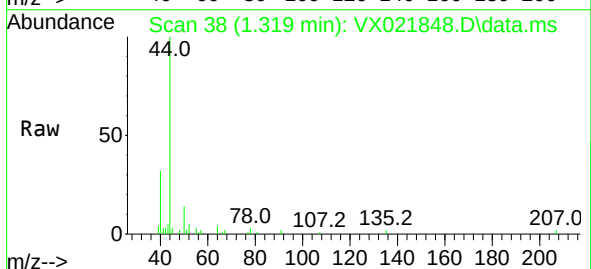
Instrument :
MSVOA_X
ClientSampled :

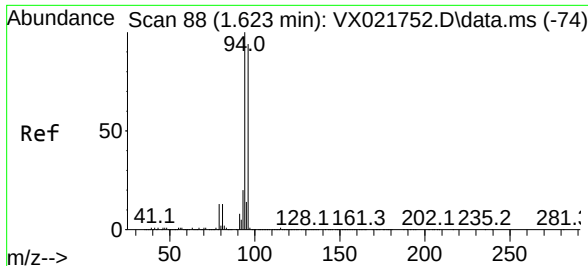
Tgt Ion:168 Resp: 190126
Ion Ratio Lower Upper
168 100
99 53.3 45.8 68.6



#3
Chloromethane
Concen: 0.60 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021848.D
Acq: 23 Apr 2021 17:31

Tgt Ion: 50 Resp: 732
Ion Ratio Lower Upper
50 100
52 33.3 26.4 39.6

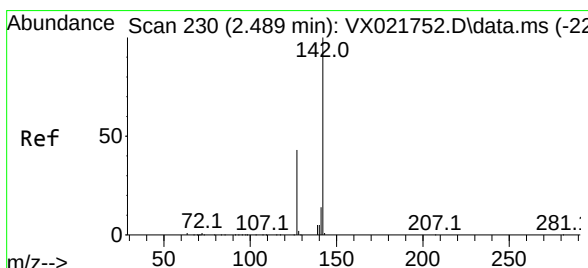
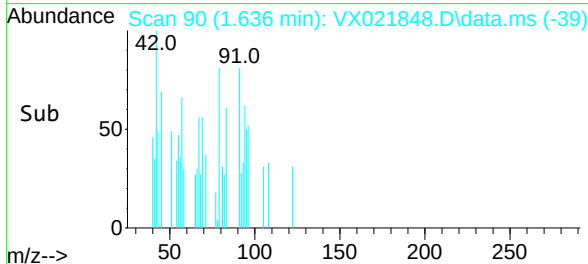
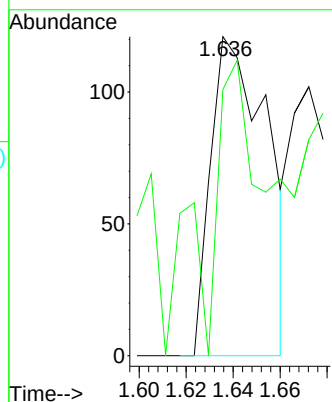
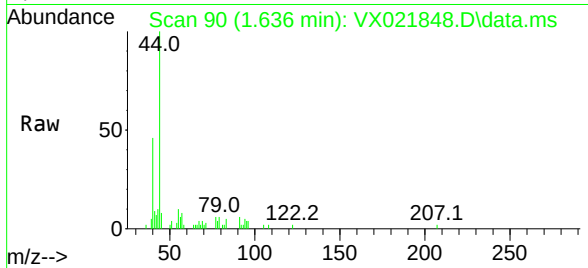




#5
Bromomethane
Concen: 0.21 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.013 min
Lab File: VX021848.D
Acq: 23 Apr 2021 17:31

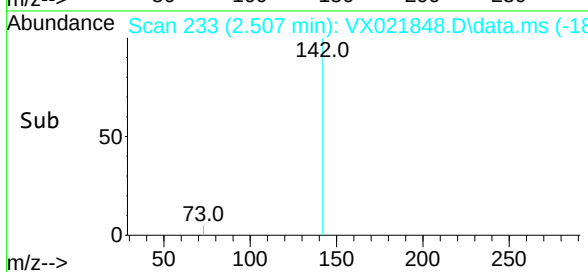
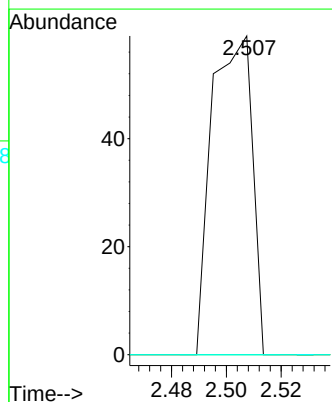
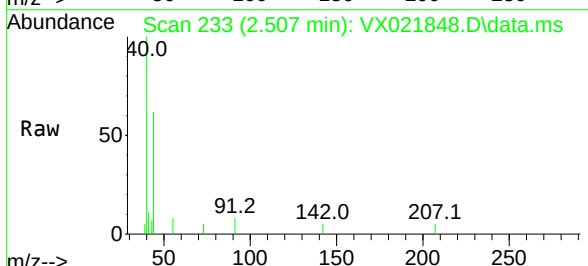
Instrument :
MSVOA_X
ClientSampled :

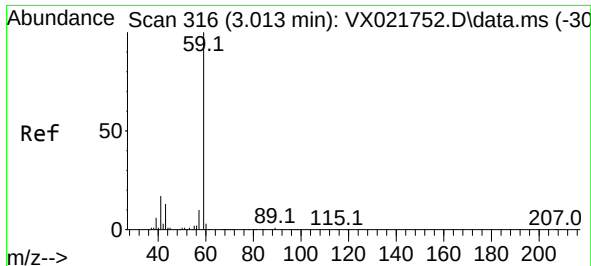
Tgt Ion: 94 Resp: 202
Ion Ratio Lower Upper
94 100
96 38.8 76.4 114.6#



#10
Methyl Iodide
Concen: 8.18 ug/l
RT: 2.507 min Scan# 233
Delta R.T. 0.018 min
Lab File: VX021848.D
Acq: 23 Apr 2021 17:31

Tgt Ion: 142 Resp: 60
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

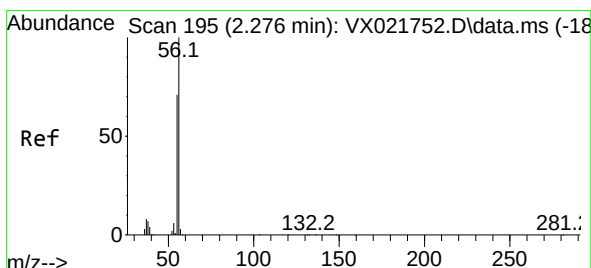
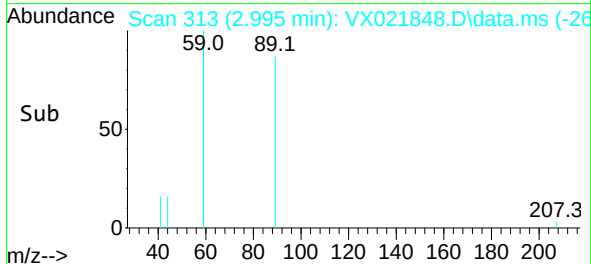
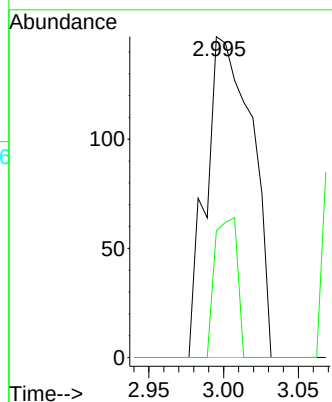
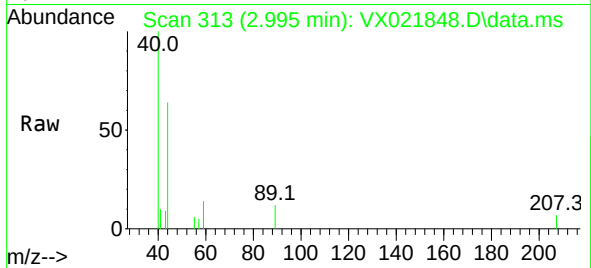




#11
Tert butyl alcohol
Concen: 0.66 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.018 min
Lab File: VX021848.D
Acq: 23 Apr 2021 17:31

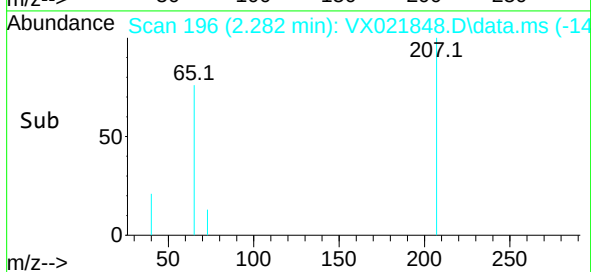
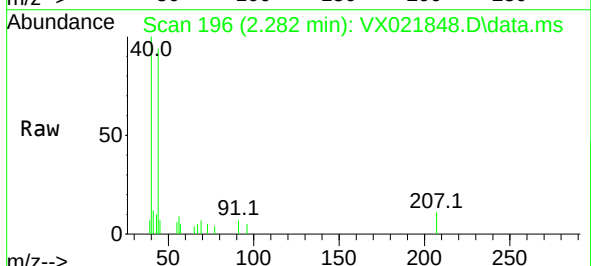
Instrument :
MSVOA_X
ClientSampled :

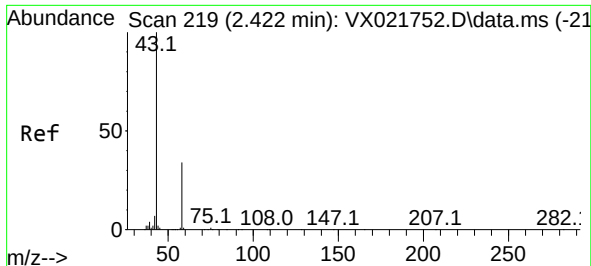
Tgt Ion: 59 Resp: 313
Ion Ratio Lower Upper
59 100
57 21.4 7.8 11.8#



#13
Acrolein
Concen: 0.42 ug/l
RT: 2.282 min Scan# 196
Delta R.T. 0.006 min
Lab File: VX021848.D
Acq: 23 Apr 2021 17:31

Tgt Ion: 56 Resp: 159
Ion Ratio Lower Upper
56 100
55 47.2 56.4 84.6#

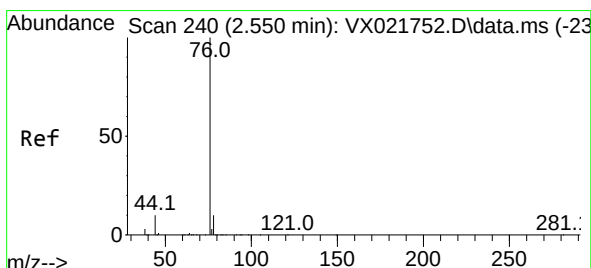
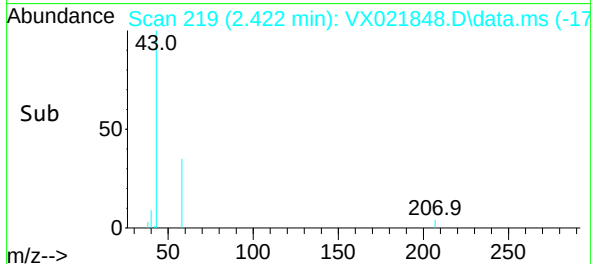
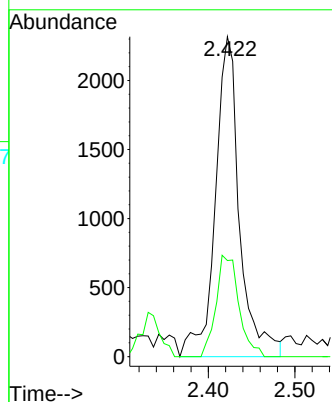
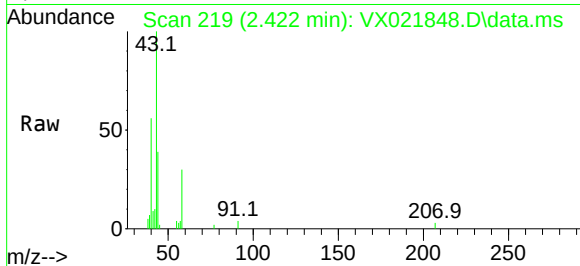




#16
Acetone
Concen: 6.06 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021848.D
Acq: 23 Apr 2021 17:31

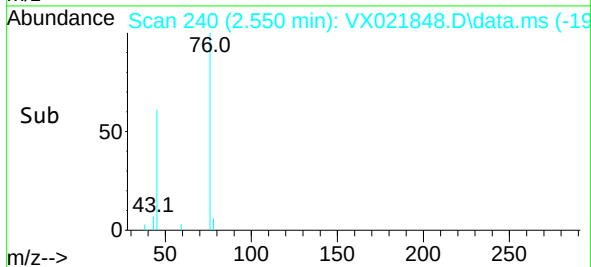
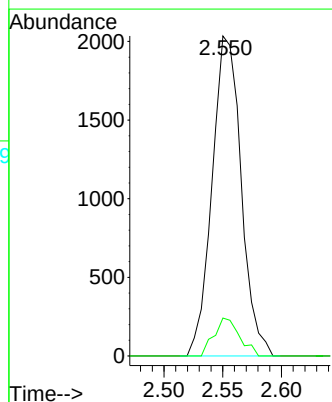
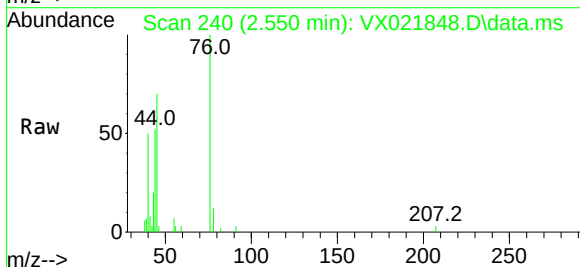
Instrument :
MSVOA_X
ClientSampled :

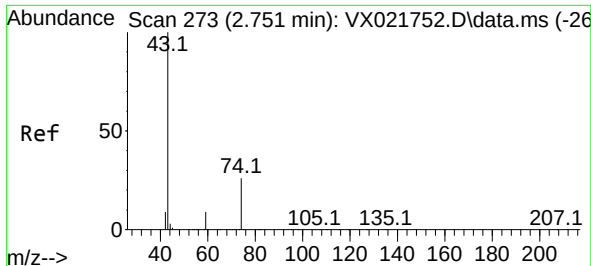
Tgt Ion: 43 Resp: 4493
Ion Ratio Lower Upper
43 100
58 30.0 27.8 41.8



#17
Carbon Disulfide
Concen: 0.70 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX021848.D
Acq: 23 Apr 2021 17:31

Tgt Ion: 76 Resp: 3503
Ion Ratio Lower Upper
76 100
78 11.8 7.2 10.8#

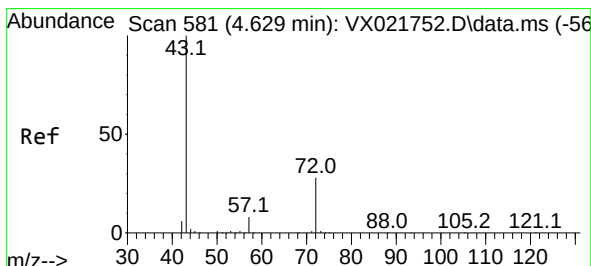
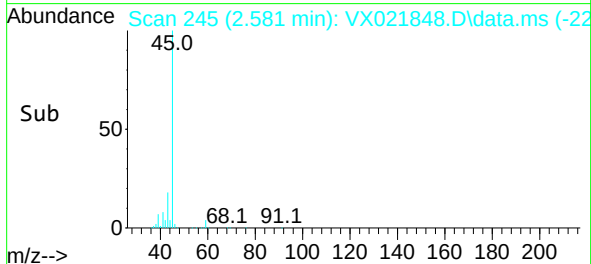
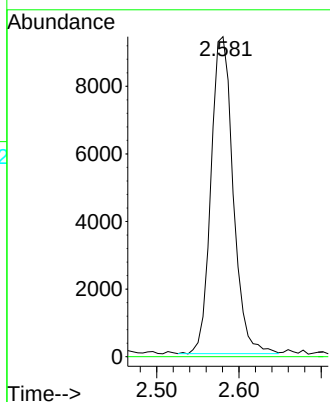
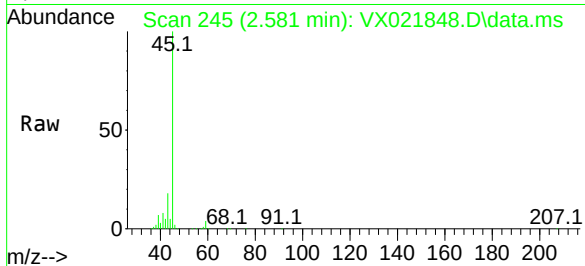




#18
Methyl Acetate
Concen: 8.74 ug/l
RT: 2.581 min Scan# 245
Delta R.T. -0.170 min
Lab File: VX021848.D
Acq: 23 Apr 2021 17:31

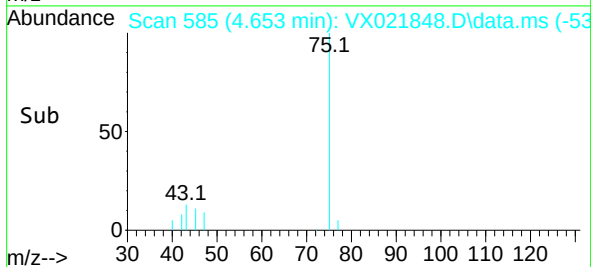
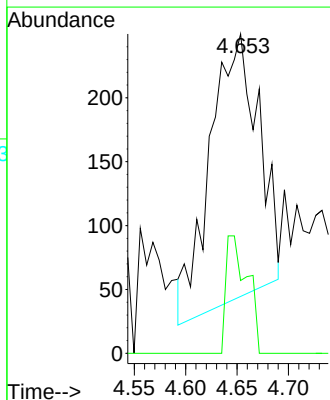
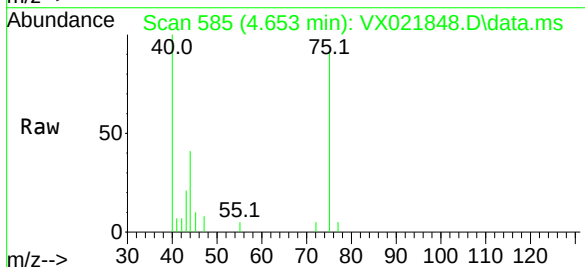
Instrument :
MSVOA_X
ClientSampled :

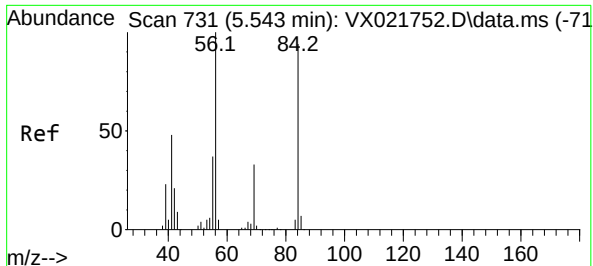
Tgt Ion: 43 Resp: 17594
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#25
2-Butanone
Concen: 0.54 ug/l
RT: 4.653 min Scan# 585
Delta R.T. 0.024 min
Lab File: VX021848.D
Acq: 23 Apr 2021 17:31

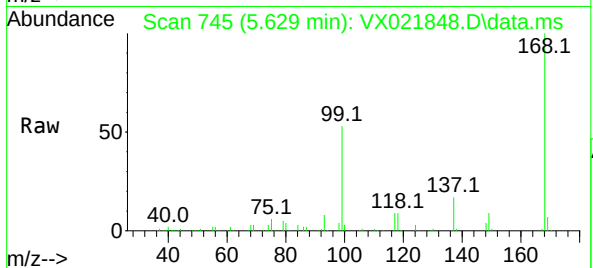
Tgt Ion: 43 Resp: 683
Ion Ratio Lower Upper
43 100
72 29.7 23.7 35.5



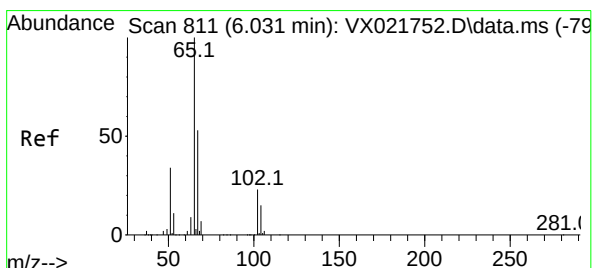
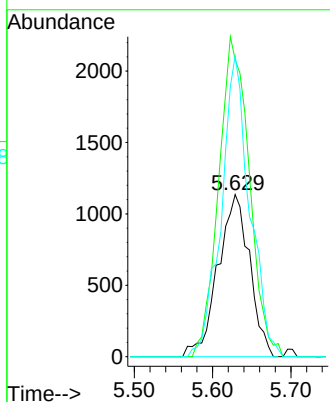
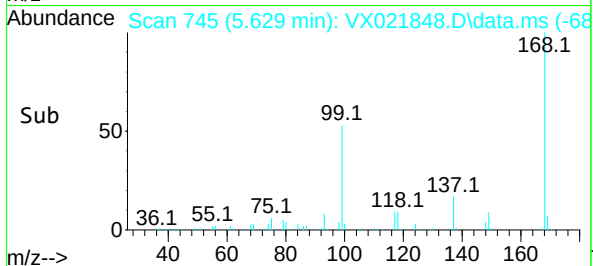


#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.086 min
Lab File: VX021848.D
Acq: 23 Apr 2021 17:31

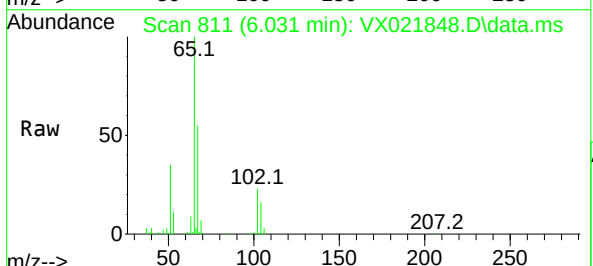
Instrument :
MSVOA_X
ClientSampled :



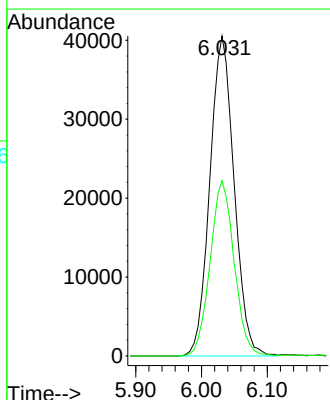
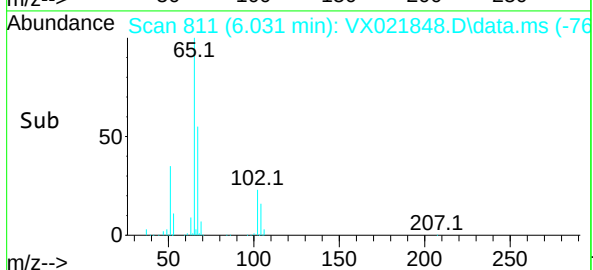
Tgt Ion: 56 Resp: 3180
Ion Ratio Lower Upper
56 100
69 183.3 25.3 37.9#
84 185.5 71.4 107.0#

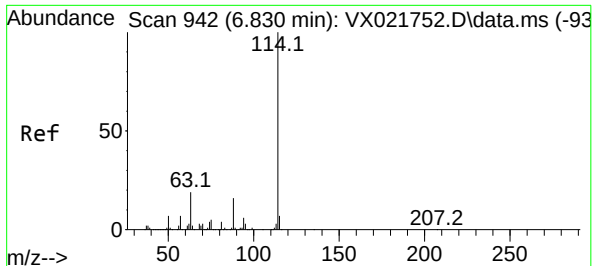


#33
1,2-Dichloroethane-d4
Concen: 48.26 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021848.D
Acq: 23 Apr 2021 17:31



Tgt Ion: 65 Resp: 104089
Ion Ratio Lower Upper
65 100
67 54.4 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: VX021848.D

Acq: 23 Apr 2021 17:31

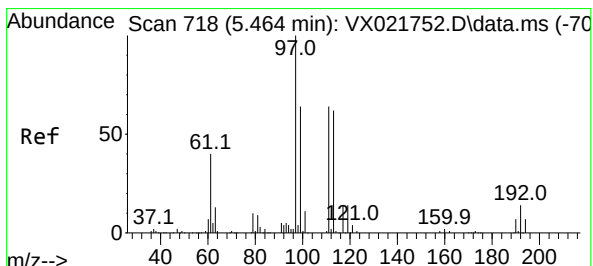
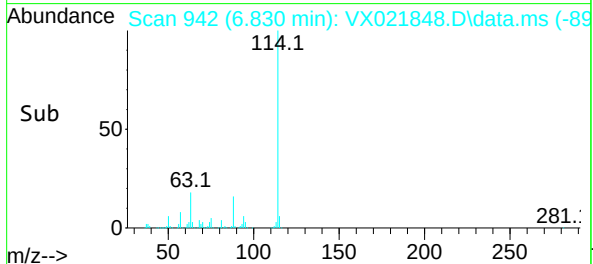
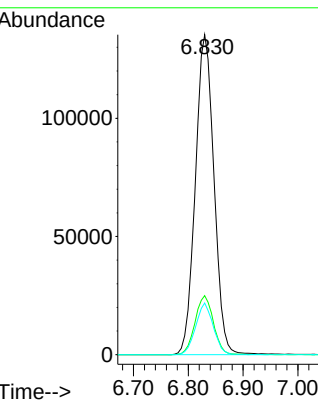
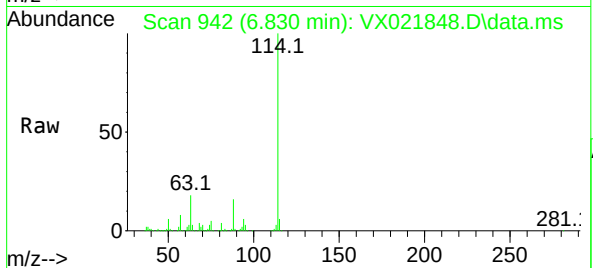
Tgt Ion:114 Resp: 318811

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.8

88 16.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.50 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX021848.D

Acq: 23 Apr 2021 17:31

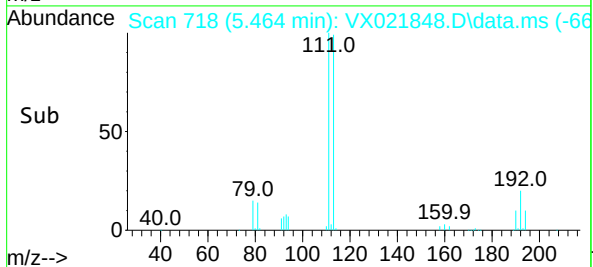
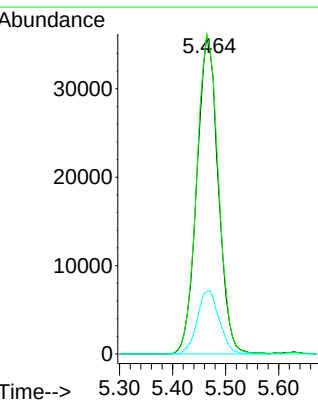
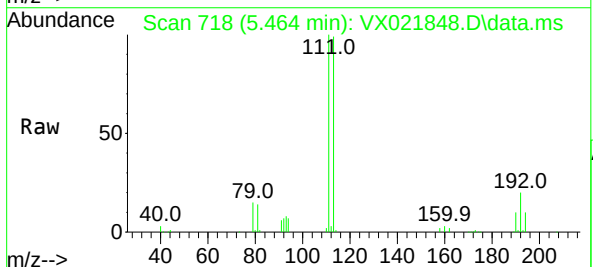
Tgt Ion:113 Resp: 100917

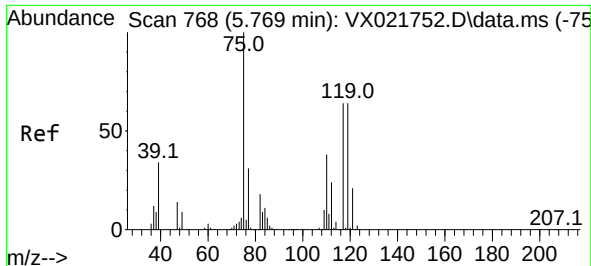
Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

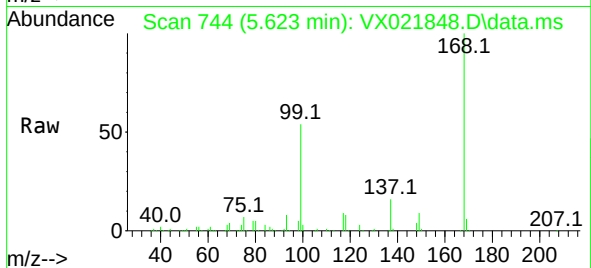
192 20.5 16.7 25.1



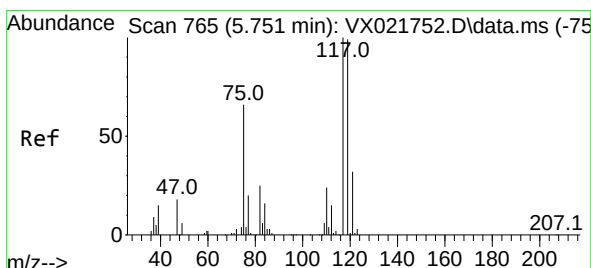
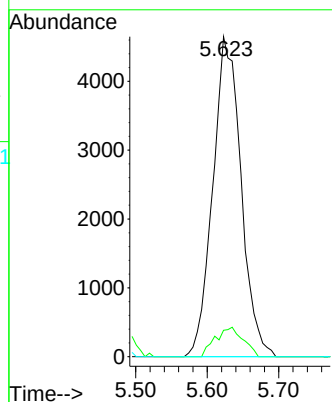
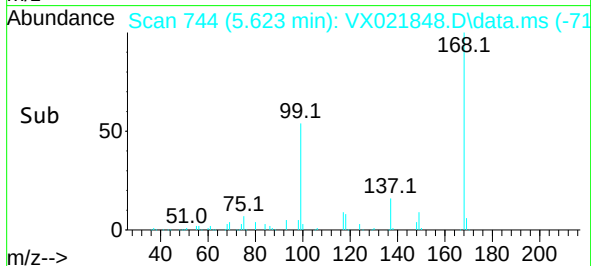


#36
1,1-Dichloropropene
Concen: 4.52 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX021848.D
Acq: 23 Apr 2021 17:31

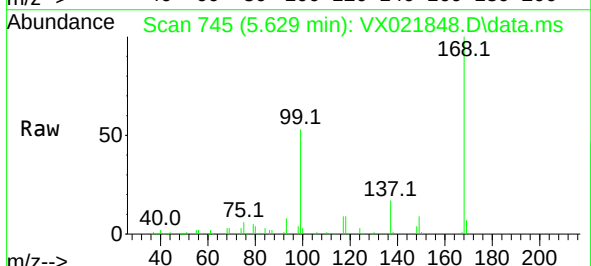
Instrument :
MSVOA_X
ClientSampled :



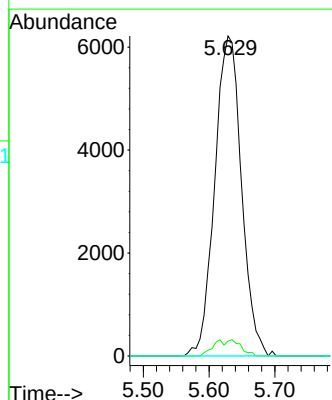
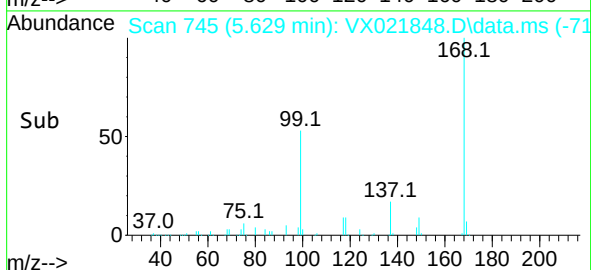
Tgt Ion: 75 Resp: 12718
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#

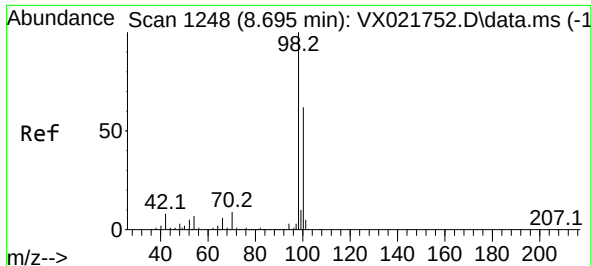


#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021848.D
Acq: 23 Apr 2021 17:31



Tgt Ion: 117 Resp: 17567
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

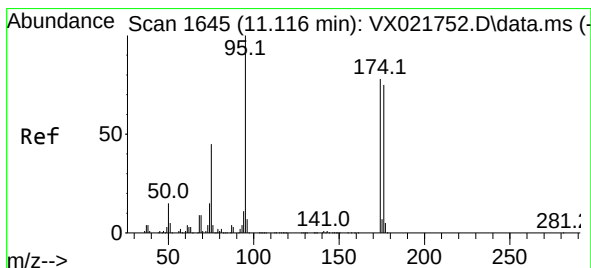
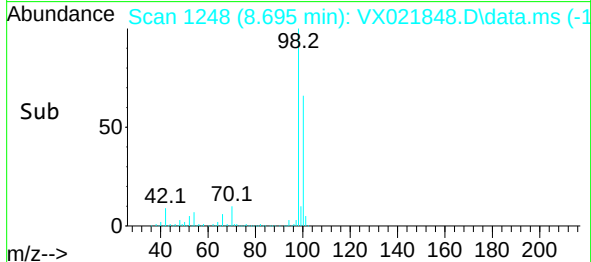
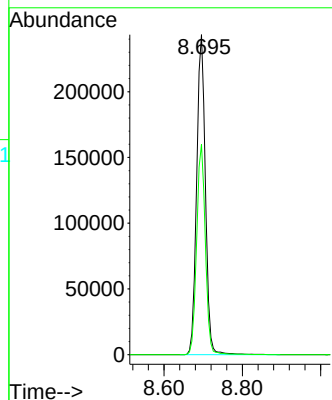
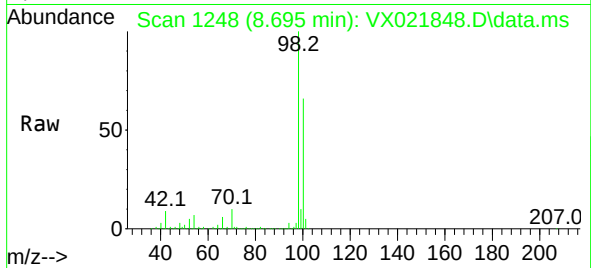




#50
Toluene-d8
Concen: 48.49 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021848.D
Acq: 23 Apr 2021 17:31

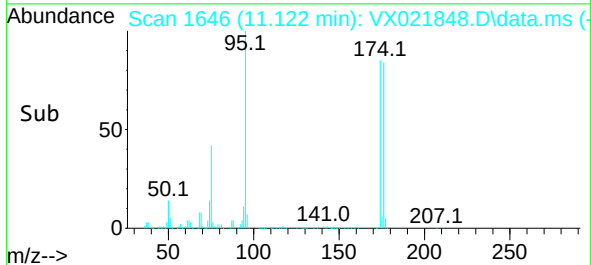
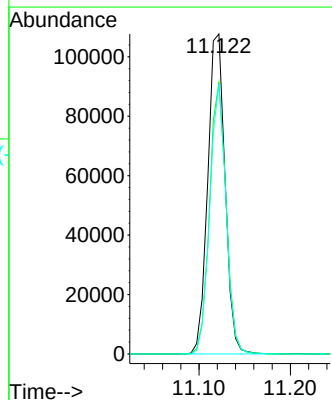
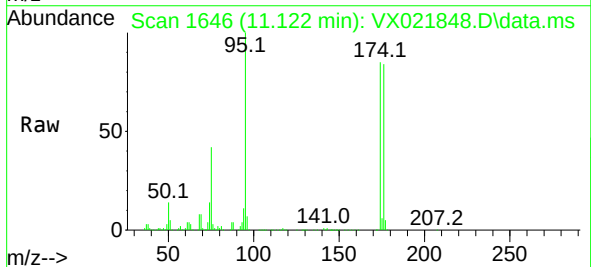
Instrument :
MSVOA_X
ClientSampled :

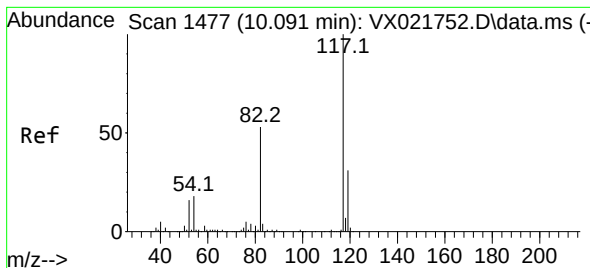
Tgt Ion: 98 Resp: 380150
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 48.25 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021848.D
Acq: 23 Apr 2021 17:31

Tgt Ion: 95 Resp: 141255
Ion Ratio Lower Upper
95 100
174 81.3 0.0 154.6
176 79.1 0.0 155.8

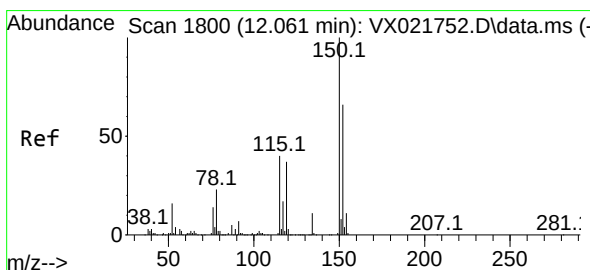
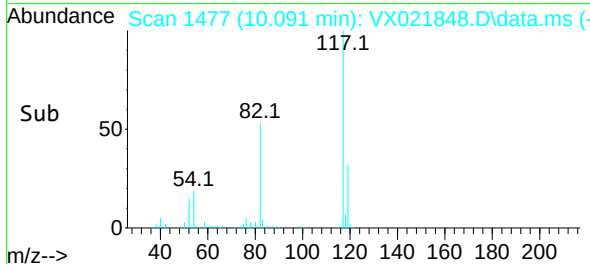
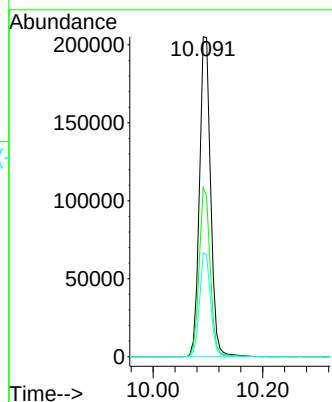
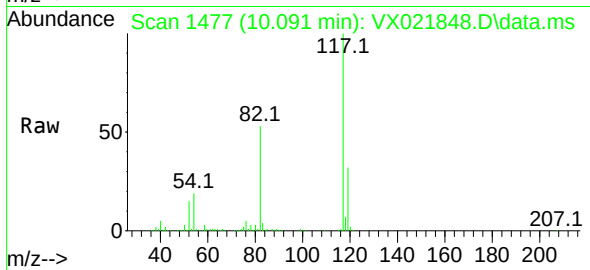




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.091 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VX021848.D
Acq: 23 Apr 2021 17:31

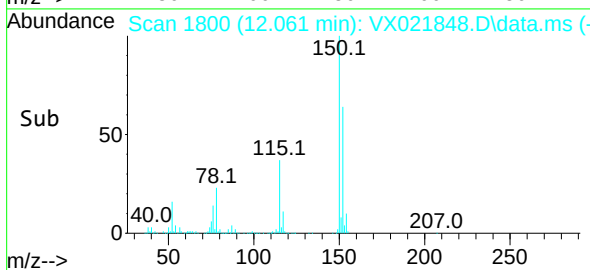
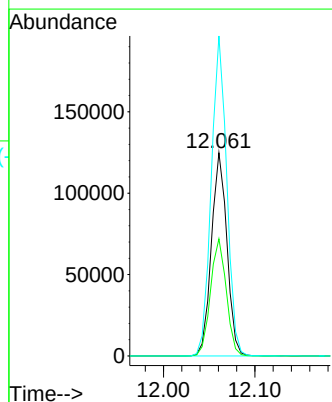
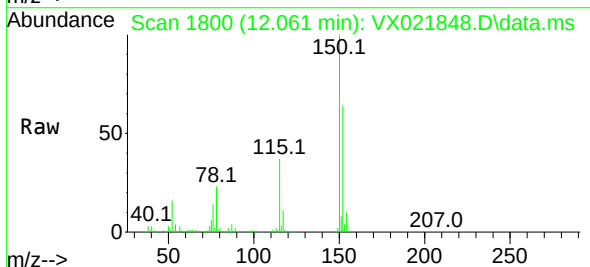
Instrument :
MSVOA_X
ClientSampled :

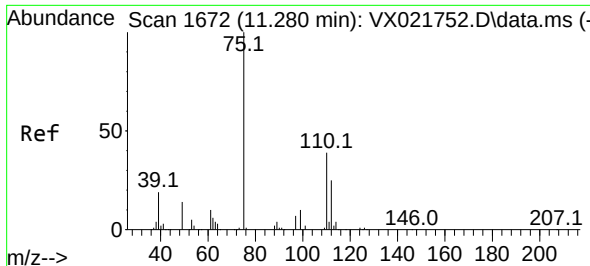
Tgt Ion:117 Resp: 290914
Ion Ratio Lower Upper
117 100
82 52.8 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021848.D
Acq: 23 Apr 2021 17:31

Tgt Ion:152 Resp: 146993
Ion Ratio Lower Upper
152 100
115 58.4 41.1 123.3
150 156.7 0.0 349.0

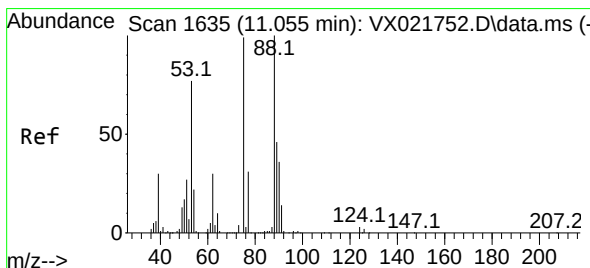
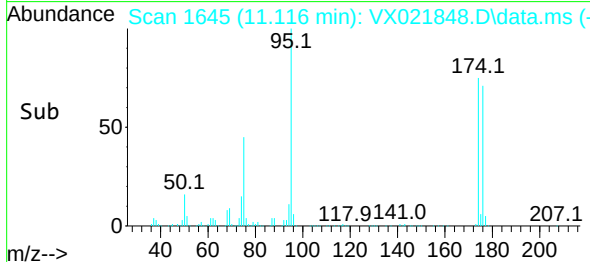
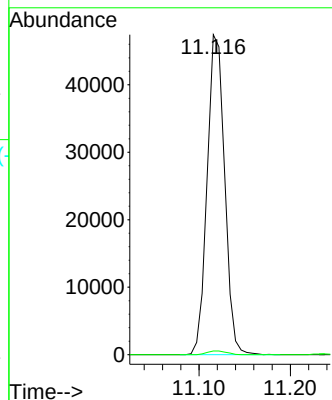
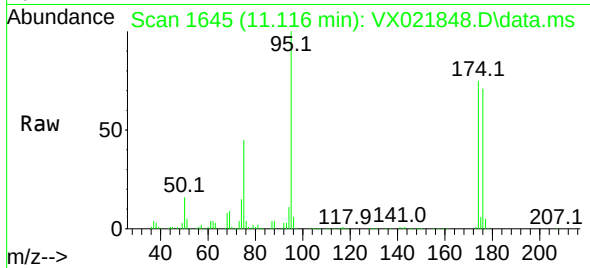




#76
1,2,3-Trichloropropane
Concen: 21.60 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021848.D
Acq: 23 Apr 2021 17:31

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 62955
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.66 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021848.D
Acq: 23 Apr 2021 17:31

Tgt Ion: 75 Resp: 62955
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

