

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011521\
 Data File : VX020645.D
 Acq On : 15 Jan 2021 20:50
 Operator : JC/MD
 Sample : M1157-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Jan 16 00:59:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

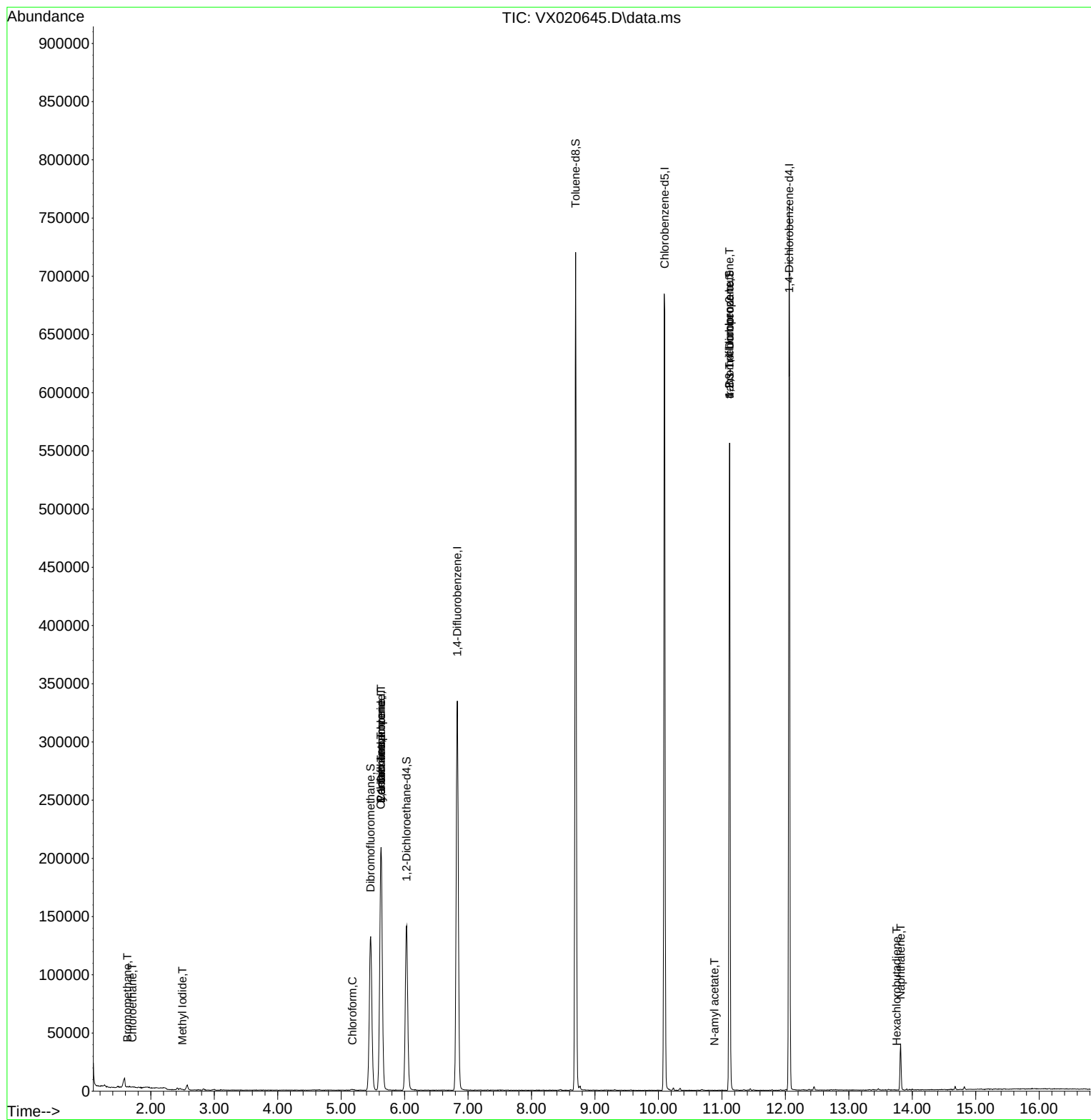
Internal Standards						
1) Pentafluorobenzene	5.629	168	191242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	341734	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	320637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	153303	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	136300	59.34	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	118.68%
35) Dibromofluoromethane	5.464	113	115333	48.71	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.42%
50) Toluene-d8	8.695	98	418477	49.39	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.78%
62) 4-Bromofluorobenzene	11.122	95	146581	48.99	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.98%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	284	0.21	ug/l	94
6) Chloroethane	1.709	64	41	0.45	ug/l #	43
10) Methyl Iodide	2.495	142	528	0.20	ug/l #	79
11) Tert butyl alcohol	3.001	59	420	Below	Cal #	73
16) Acetone	2.410	43	1647	Below	Cal	88
30) Chloroform	5.178	83	1041	0.27	ug/l	90
31) Cyclohexane	5.623	56	4219	1.56	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	15138	4.85	ug/l #	49
38) Carbon Tetrachloride	5.629	117	20511	5.63	ug/l #	17
74) N-amyl acetate	10.884	43	45	1.25	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	74692	23.13	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.122	75	74692	63.01	ug/l #	12
94) Hexachlorobutadiene	13.756	225	44	0.89	ug/l #	19
95) Naphthalene	13.816	128	24590	5.85	ug/l	99

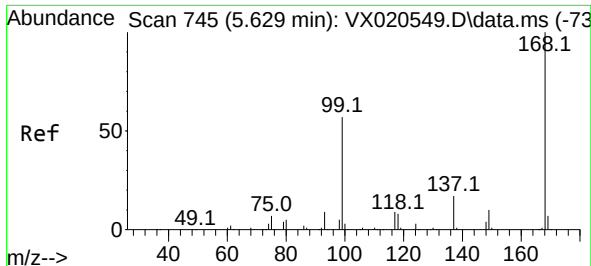
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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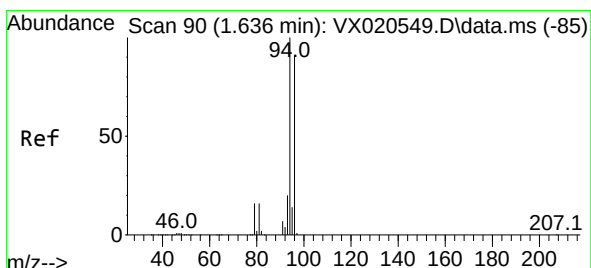
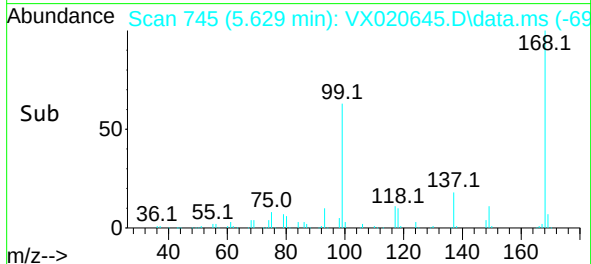
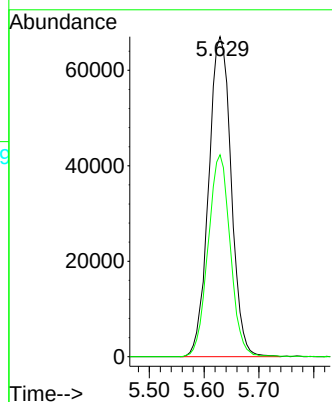
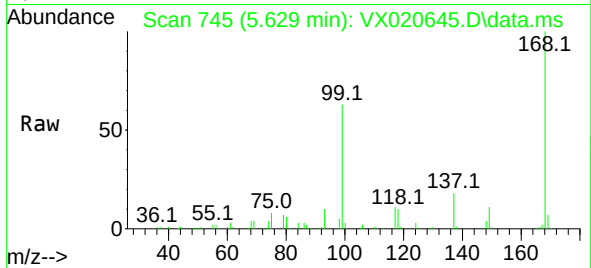




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020645.D
Acq: 15 Jan 2021 20:50

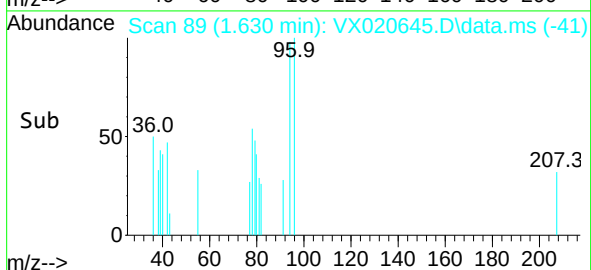
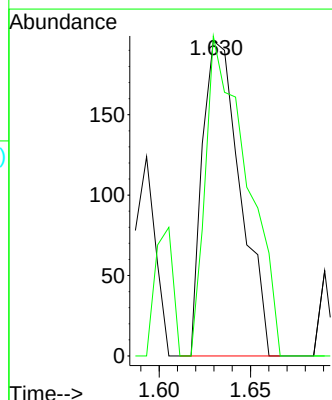
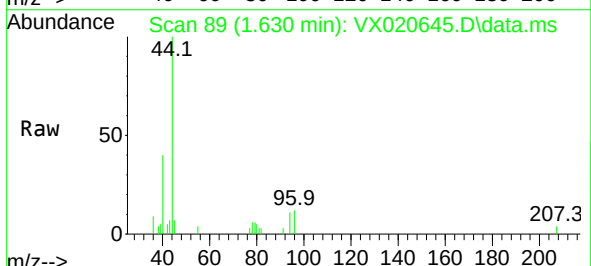
Instrument :
MSVOA_X
ClientSampleId :
MW-2

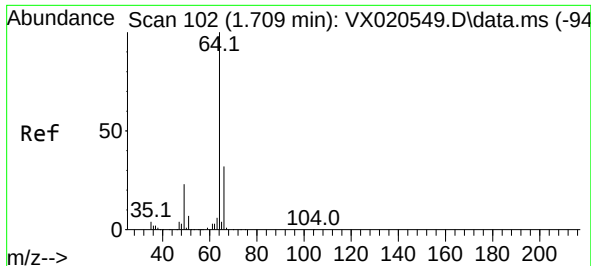
Tgt Ion:168 Resp: 191242
Ion Ratio Lower Upper
168 100
99 63.1 45.8 68.6



#5
Bromomethane
Concen: 0.21 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.006 min
Lab File: VX020645.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 94 Resp: 284
Ion Ratio Lower Upper
94 100
96 101.5 76.4 114.6

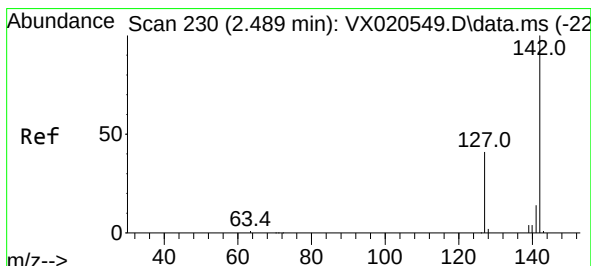
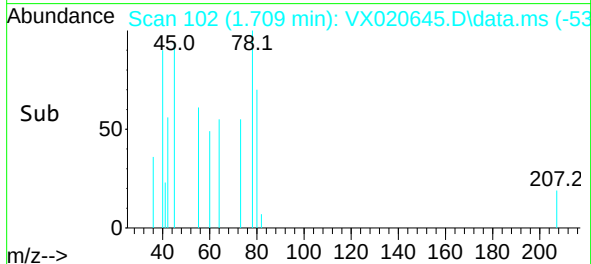
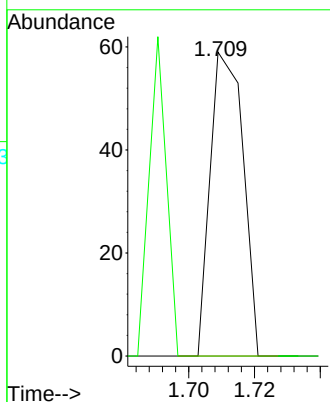
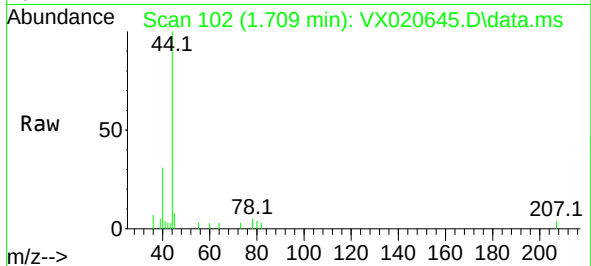




#6
Chloroethane
Concen: 0.45 ug/l
RT: 1.709 min Scan# 102
Delta R.T. -0.000 min
Lab File: VX020645.D
Acq: 15 Jan 2021 20:50

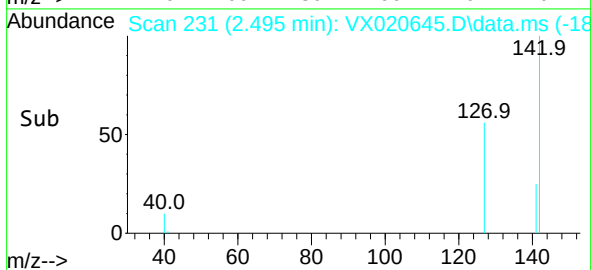
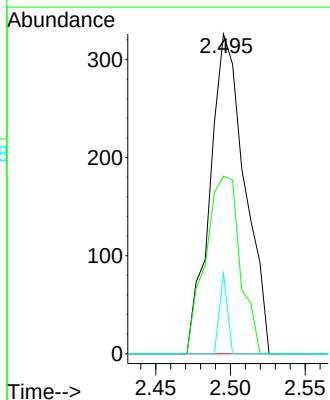
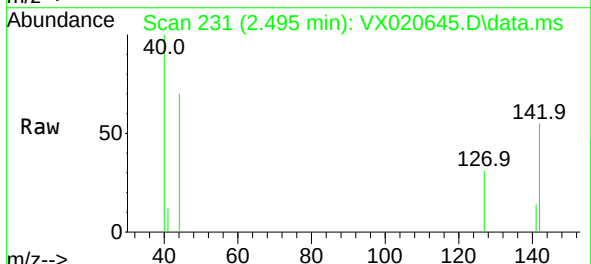
Instrument :
MSVOA_X
ClientSampleId :
MW-2

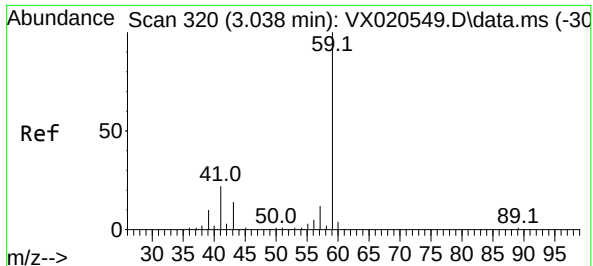
Tgt Ion: 64 Resp: 41
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.20 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020645.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 142 Resp: 528
Ion Ratio Lower Upper
142 100
127 55.1 33.3 49.9#
141 5.7 11.4 17.0#



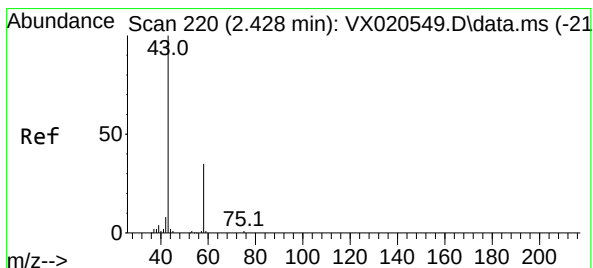
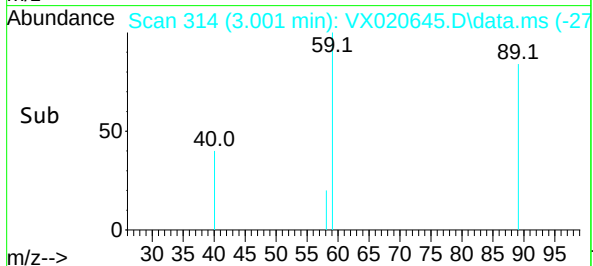
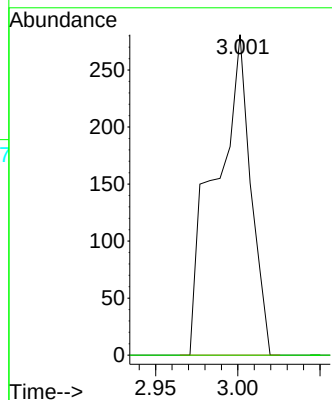
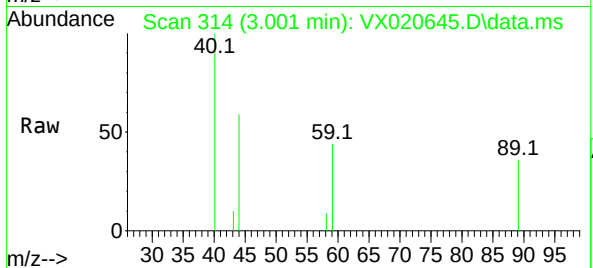


#11

Tert butyl alcohol
Concen: Below Cal
RT: 3.001 min Scan# 314
Delta R.T. -0.037 min
Lab File: VX020645.D
Acq: 15 Jan 2021 20:50

Instrument :
MSVOA_X
ClientSampleId :
MW-2

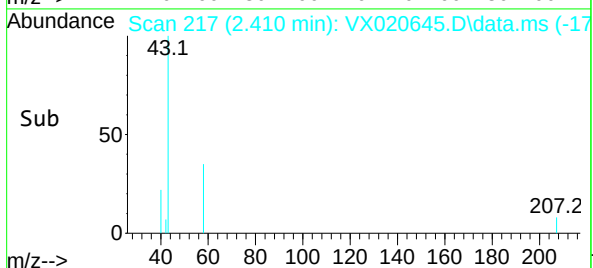
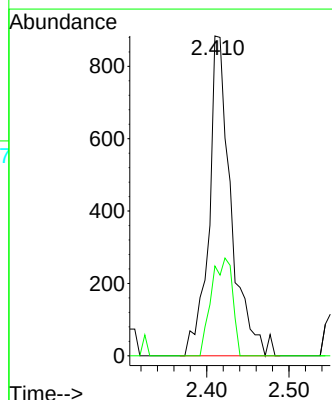
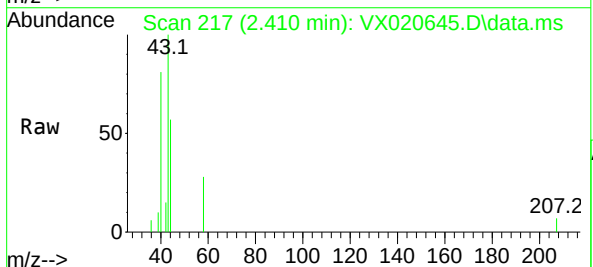
Tgt Ion: 59 Resp: 420
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

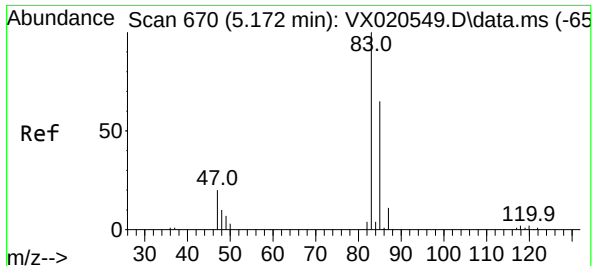


#16

Acetone
Concen: Below Cal
RT: 2.410 min Scan# 217
Delta R.T. -0.018 min
Lab File: VX020645.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 43 Resp: 1647
Ion Ratio Lower Upper
43 100
58 28.1 27.8 41.8





#30

Chloroform

Concen: 0.27 ug/l

RT: 5.178 min Scan# 671

Delta R.T. 0.006 min

Lab File: VX020645.D

Acq: 15 Jan 2021 20:50

Instrument :

MSVOA_X

ClientSampled :

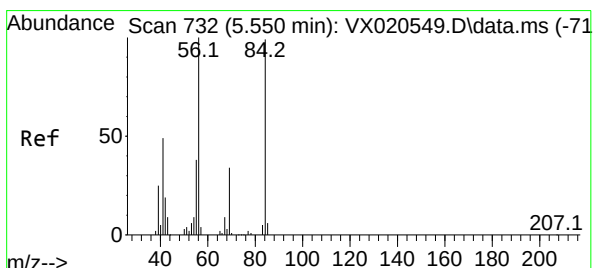
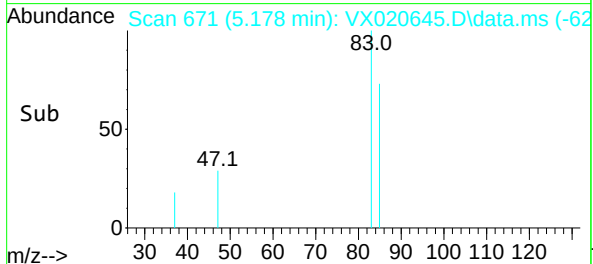
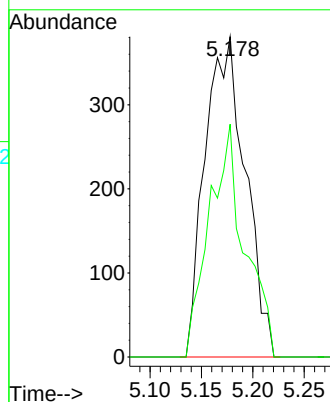
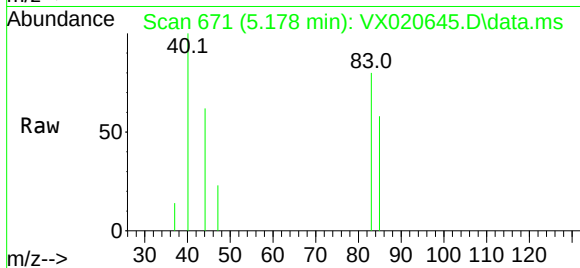
MW-2

Tgt Ion: 83 Resp: 1041

Ion Ratio Lower Upper

83 100

85 72.7 52.0 78.0



#31

Cyclohexane

Concen: 1.56 ug/l

RT: 5.623 min Scan# 744

Delta R.T. 0.073 min

Lab File: VX020645.D

Acq: 15 Jan 2021 20:50

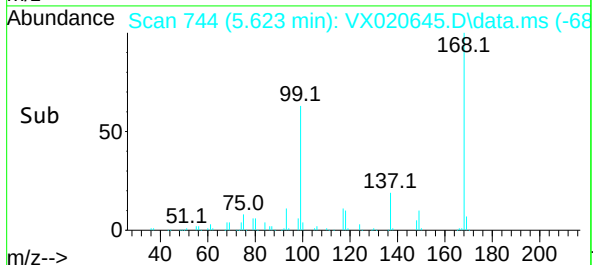
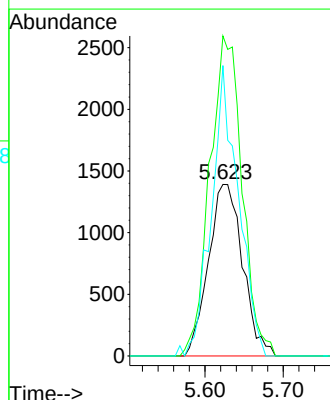
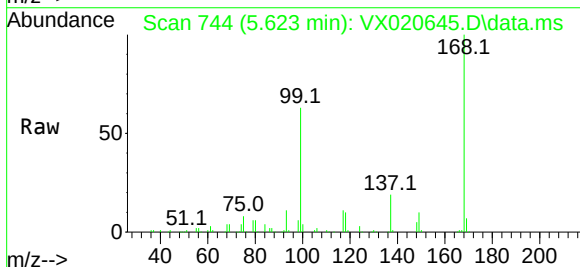
Tgt Ion: 56 Resp: 4219

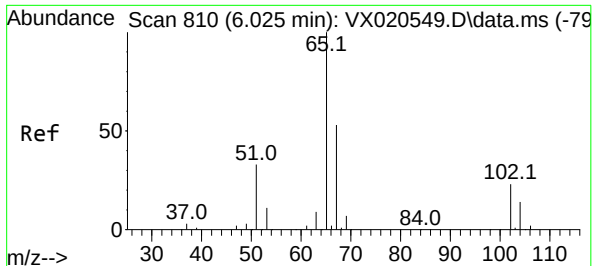
Ion Ratio Lower Upper

56 100

69 186.6 25.3 37.9#

84 169.3 71.4 107.0#

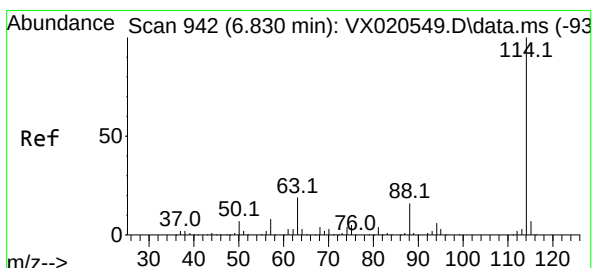
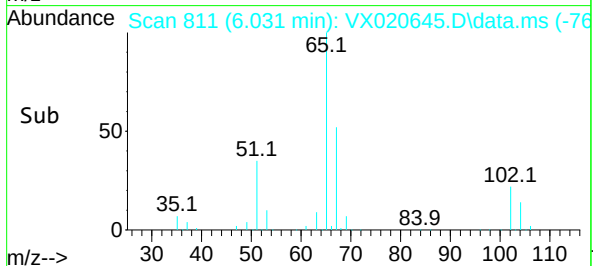
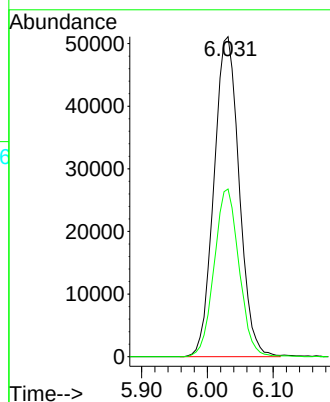
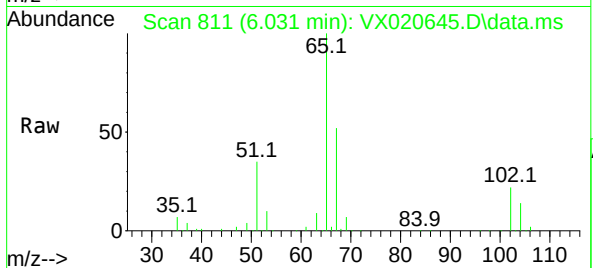




#33
1,2-Dichloroethane-d4
Concen: 59.34 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020645.D
Acq: 15 Jan 2021 20:50

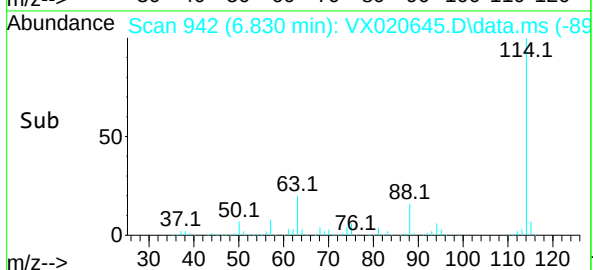
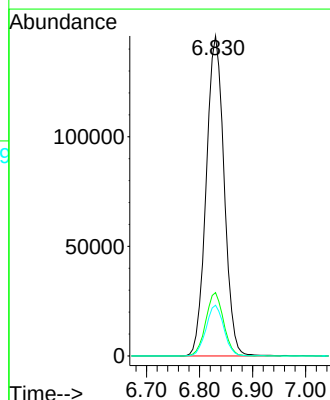
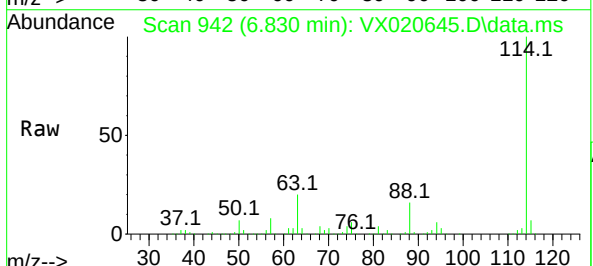
Instrument :
MSVOA_X
ClientSampled :
MW-2

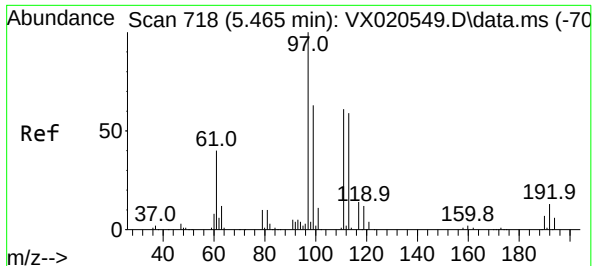
Tgt Ion: 65 Resp: 136300
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020645.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 114 Resp: 341734
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.71 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.001 min

Lab File: VX020645.D

Acq: 15 Jan 2021 20:50

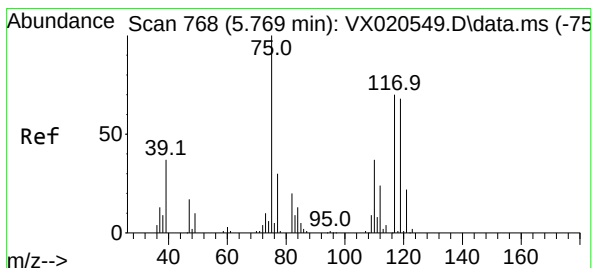
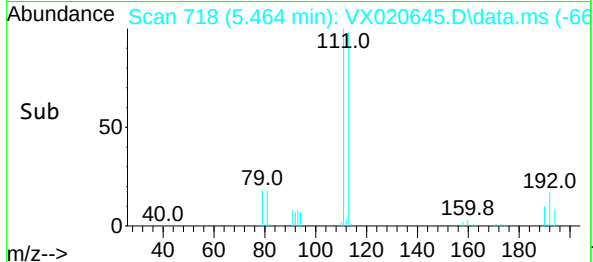
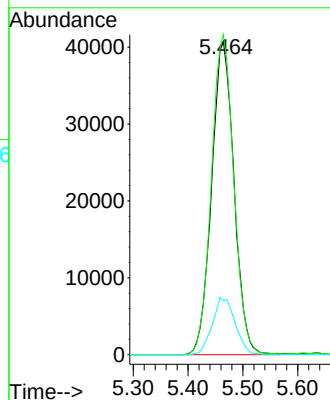
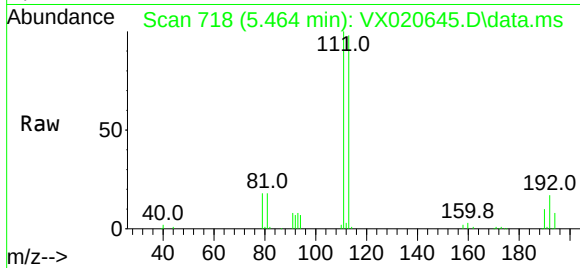
Tgt Ion: 113 Resp: 115333

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

192 18.6 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.85 ug/l

RT: 5.629 min Scan# 745

Delta R.T. -0.140 min

Lab File: VX020645.D

Acq: 15 Jan 2021 20:50

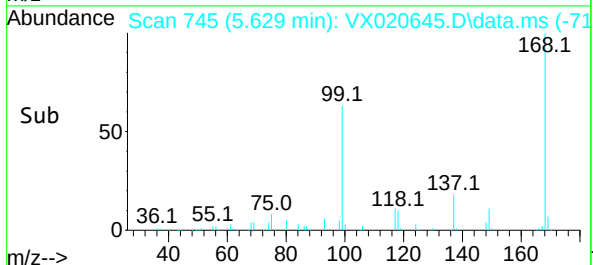
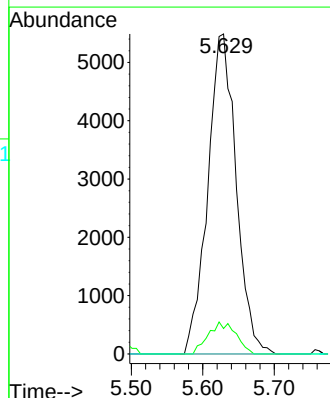
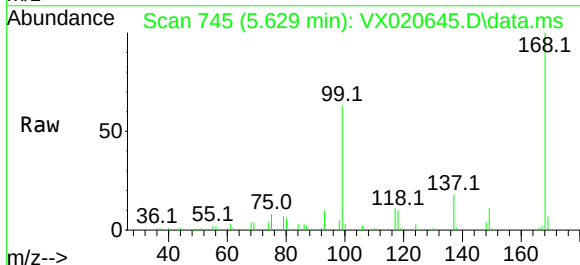
Tgt Ion: 75 Resp: 15138

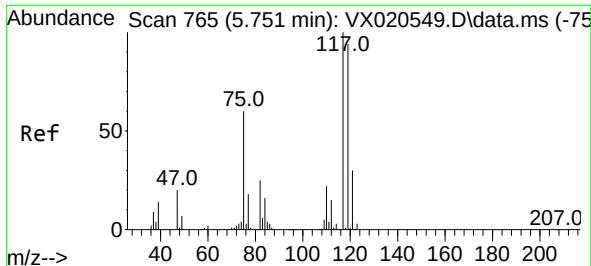
Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.4#

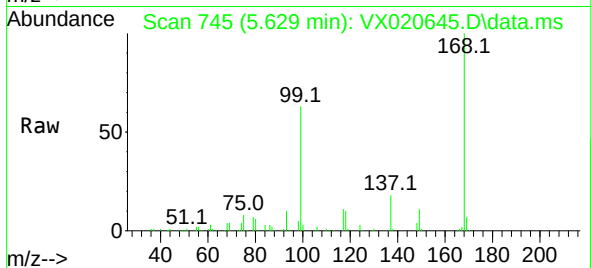
77 0.0 25.3 37.9#



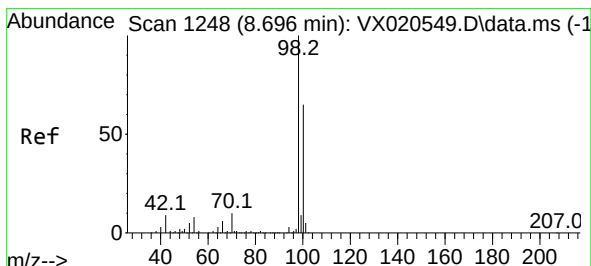
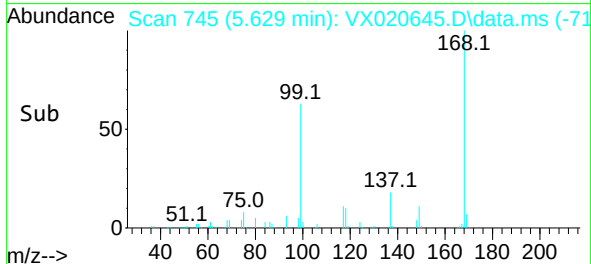
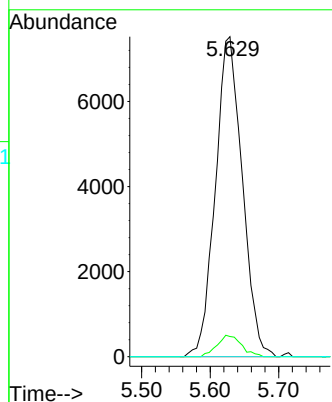


#38
Carbon Tetrachloride
Concen: 5.63 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020645.D
Acq: 15 Jan 2021 20:50

Instrument :
MSVOA_X
ClientSampleId :
MW-2

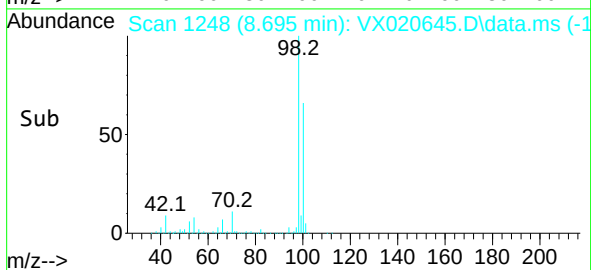
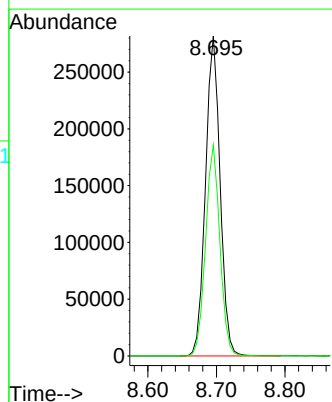
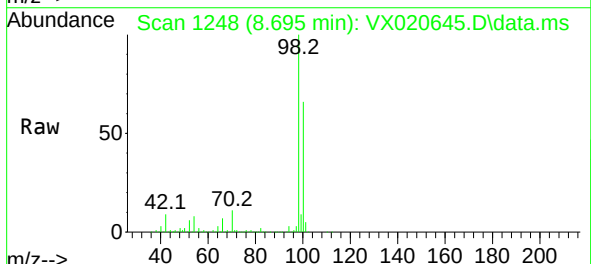


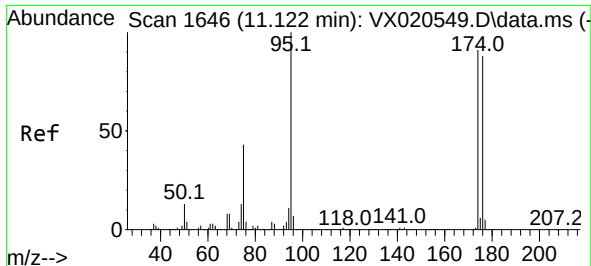
Tgt Ion:117 Resp: 20511
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.39 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020645.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 98 Resp: 418477
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

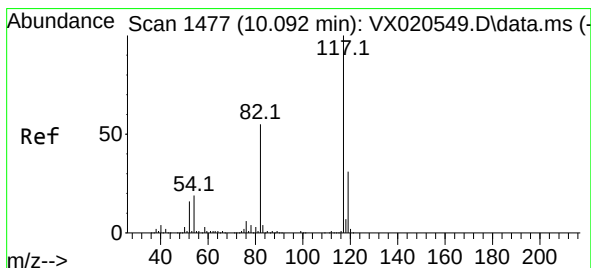
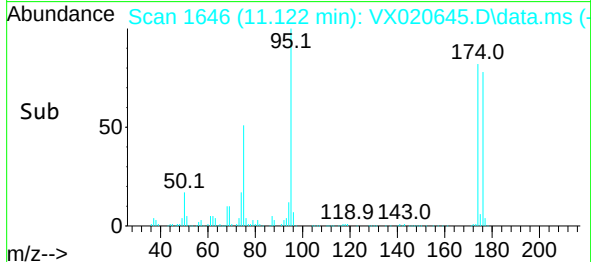
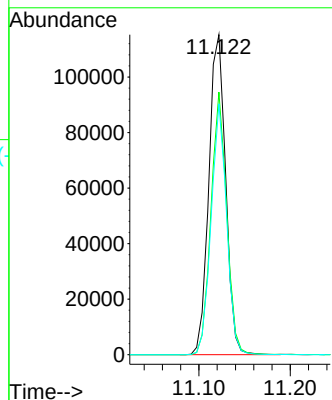
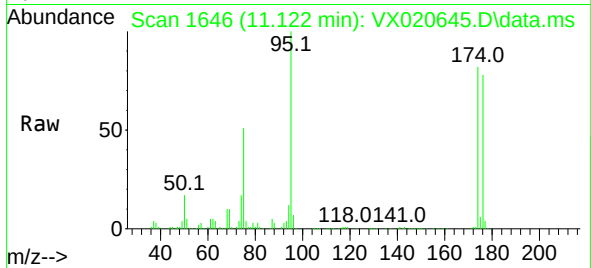




#62
4-Bromofluorobenzene
Concen: 48.99 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020645.D
Acq: 15 Jan 2021 20:50

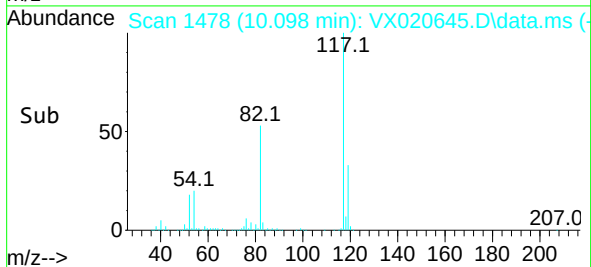
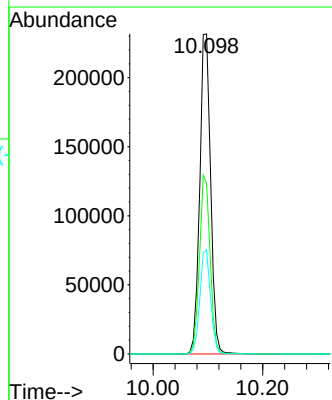
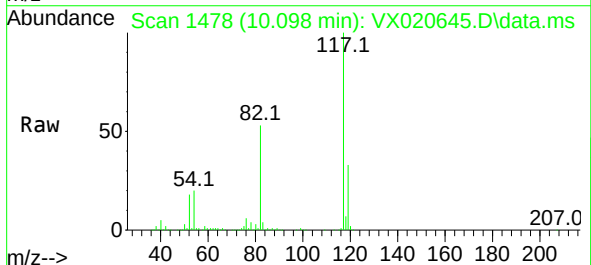
Instrument :
MSVOA_X
ClientSampleId :
MW-2

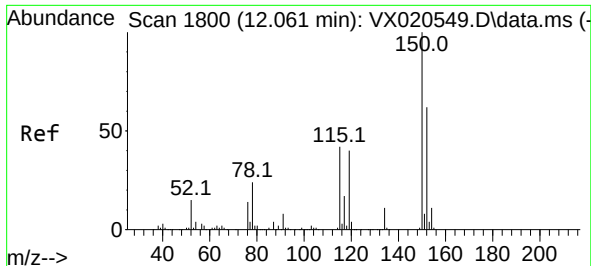
Tgt Ion: 95 Resp: 146581
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 72.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020645.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 117 Resp: 320637
Ion Ratio Lower Upper
117 100
82 53.3 47.4 71.2
119 32.6 26.6 39.8

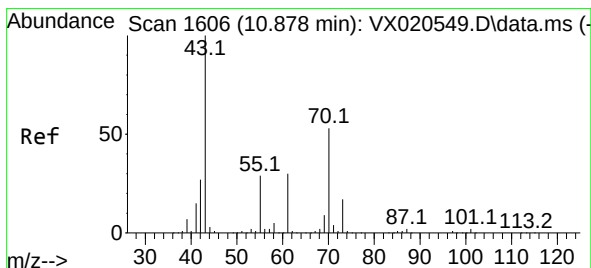
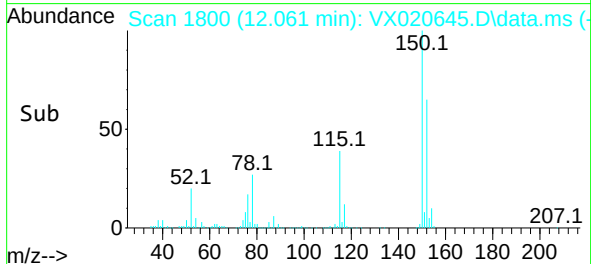
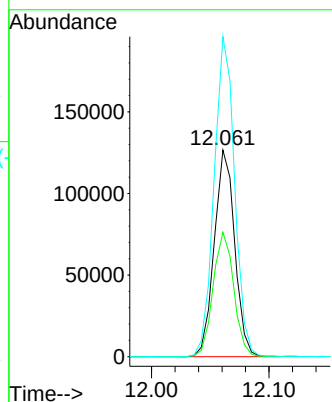
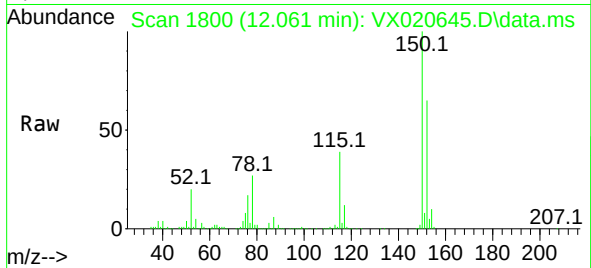




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020645.D
Acq: 15 Jan 2021 20:50

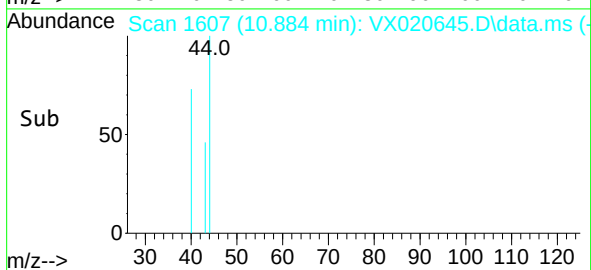
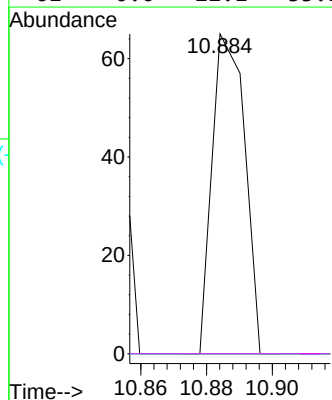
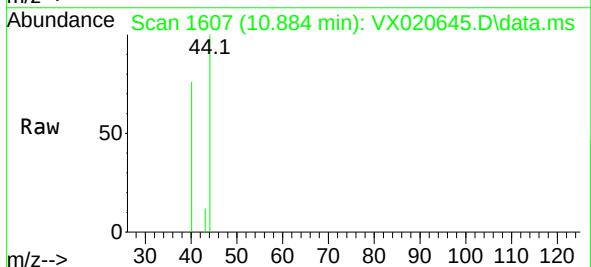
Instrument :
MSVOA_X
ClientSampleId :
MW-2

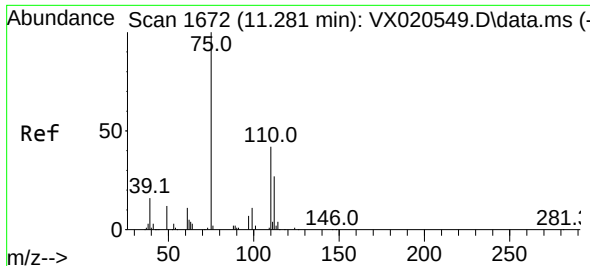
Tgt Ion:152 Resp: 153303
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 155.3 0.0 349.0



#74
N-ethyl acetate
Concen: 1.25 ug/l
RT: 10.884 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VX020645.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

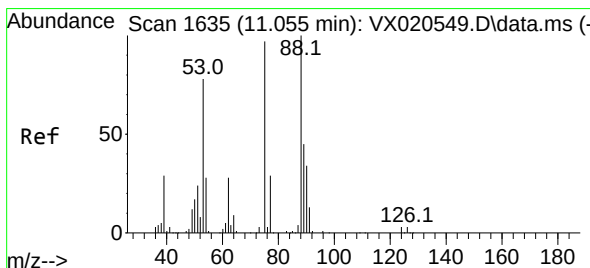
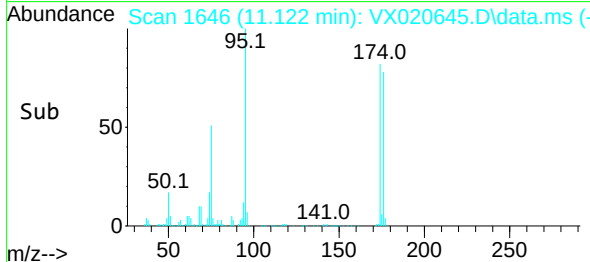
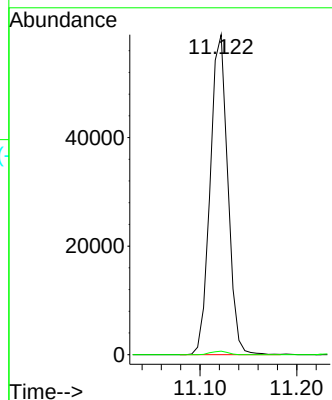
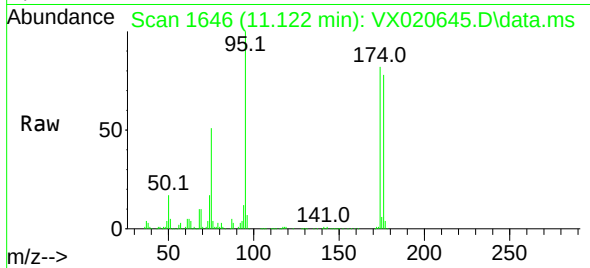




#76
1,2,3-Trichloropropane
Concen: 23.13 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020645.D
Acq: 15 Jan 2021 20:50

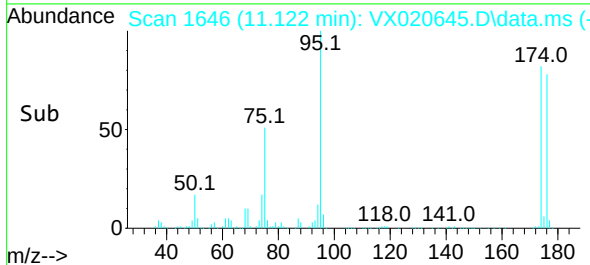
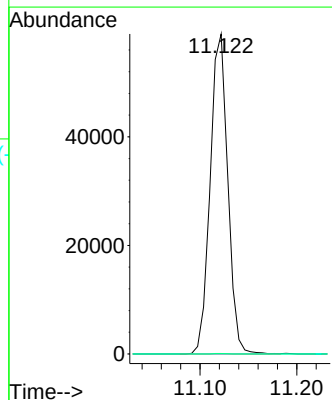
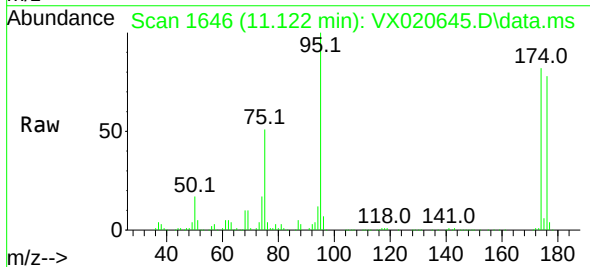
Instrument :
MSVOA_X
ClientSampled :
MW-2

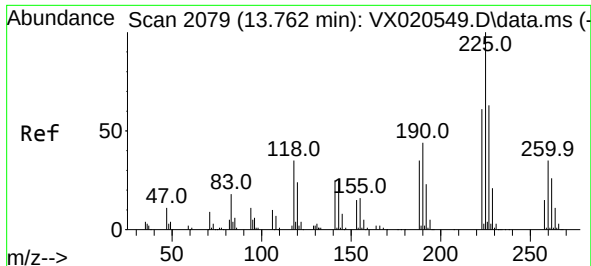
Tgt Ion: 75 Resp: 74692
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.01 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020645.D
Acq: 15 Jan 2021 20:50

Tgt Ion: 75 Resp: 74692
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

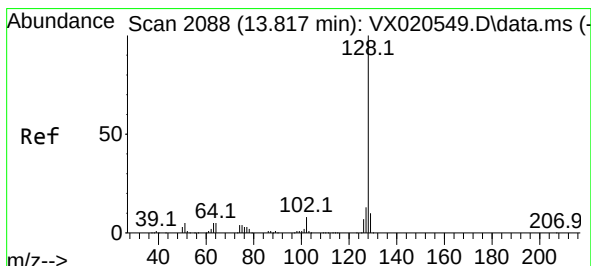
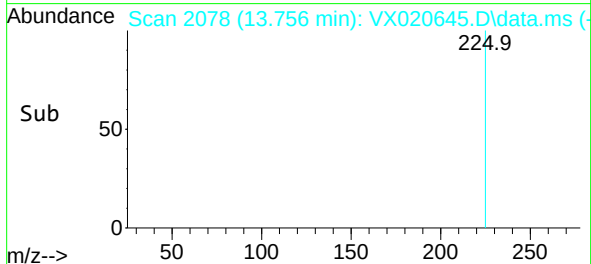
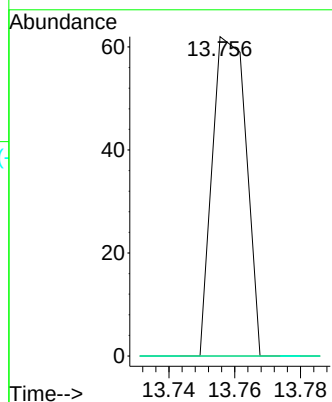
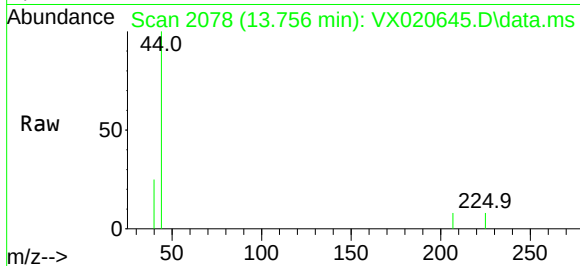




#94
Hexachlorobutadiene
Concen: 0.89 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.006 min
Lab File: VX020645.D
Acq: 15 Jan 2021 20:50

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:	225	Resp:	44
Ion Ratio	Lower	Upper	
225	100		
223	0.0	31.1	93.2#
227	0.0	31.6	95.0#



#95
Naphthalene
Concen: 5.85 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020645.D
Acq: 15 Jan 2021 20:50

Tgt Ion:	128	Resp:	24590
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.3	15.5
129	10.7	8.8	13.2

