

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011521\
 Data File : VX020647.D
 Acq On : 15 Jan 2021 21:36
 Operator : JC/MD
 Sample : M1157-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Jan 16 01:00:14 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)

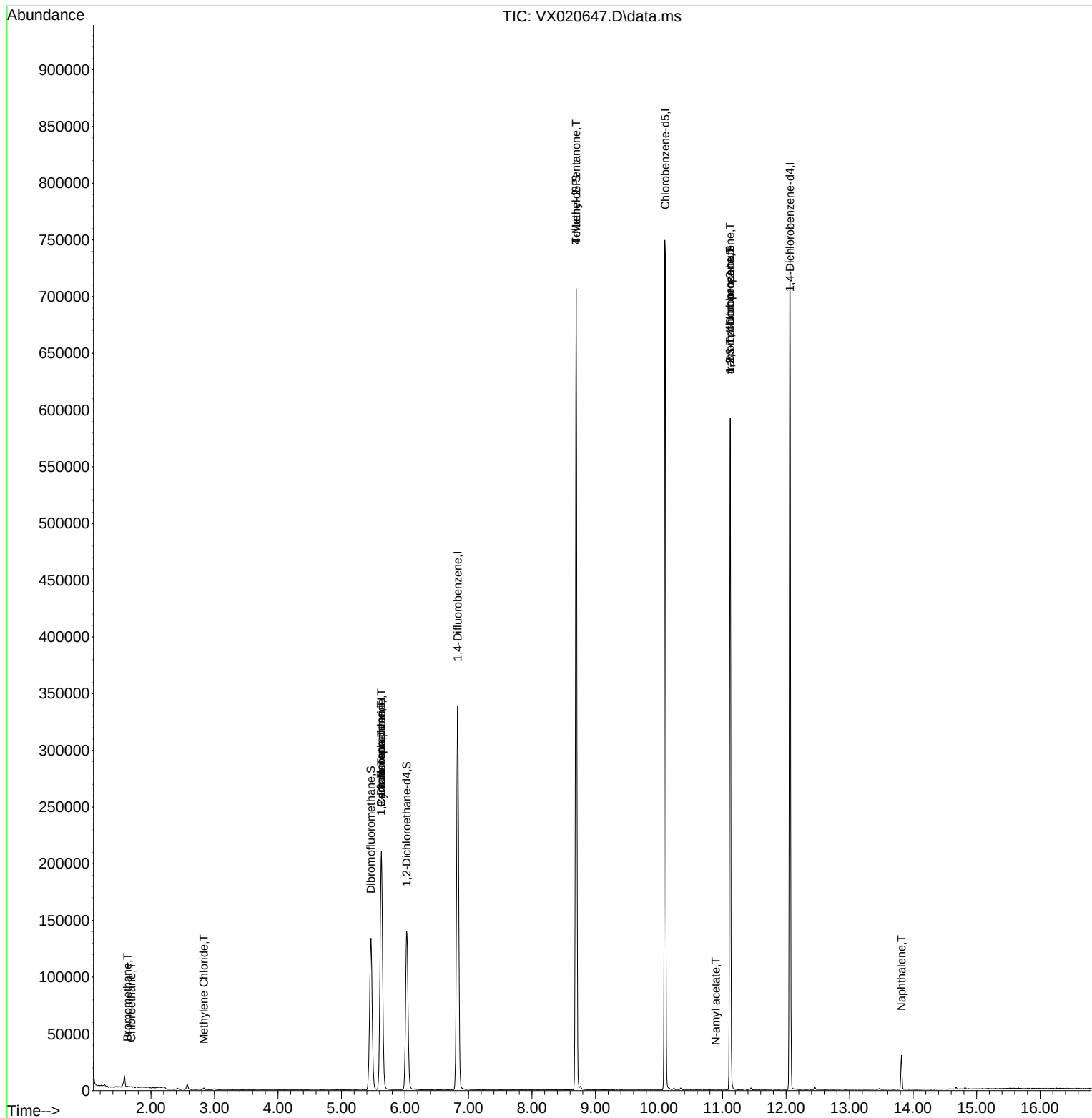
Internal Standards						
1) Pentafluorobenzene	5.629	168	194729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	339352	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	350999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	158984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	137941	58.98	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	117.96%
35) Dibromofluoromethane	5.465	113	115673	49.19	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.38%
50) Toluene-d8	8.696	98	414385	49.25	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.50%
62) 4-Bromofluorobenzene	11.122	95	162637	54.74	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.48%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	305	0.22	ug/l #	71
6) Chloroethane	1.691	64	22	0.44	ug/l #	43
11) Tert butyl alcohol	3.002	59	426	Below Cal	#	73
16) Acetone	2.422	43	1181	Below Cal	#	68
20) Methylene Chloride	2.831	84	626	0.28	ug/l #	87
31) Cyclohexane	5.629	56	3997	1.45	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	15190	4.90	ug/l #	50
38) Carbon Tetrachloride	5.629	117	20717	5.73	ug/l #	16
51) 4-Methyl-2-Pentanone	8.696	43	1688	0.62	ug/l #	1
74) N-amyl acetate	10.896	43	23	1.24	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	79451	23.72	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	79451	64.63	ug/l #	12
95) Naphthalene	13.817	128	18751	5.32	ug/l	100

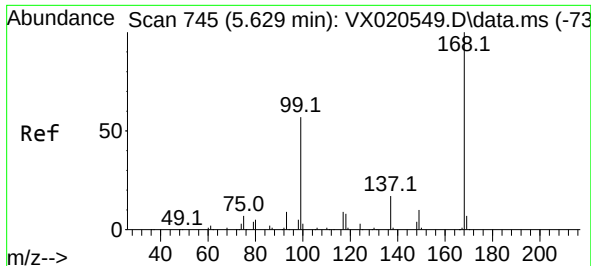
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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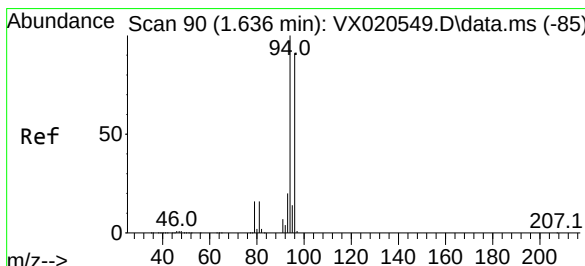
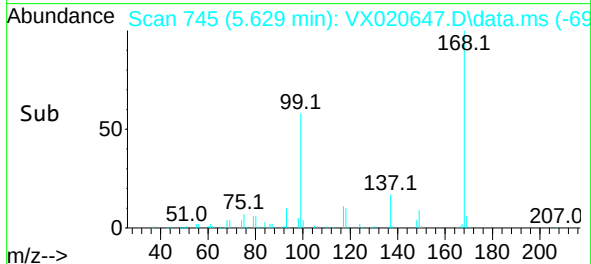
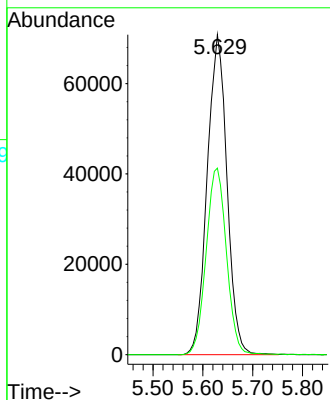
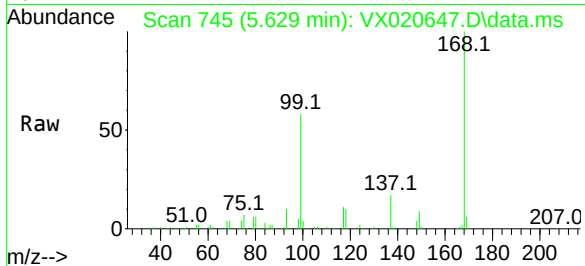




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36

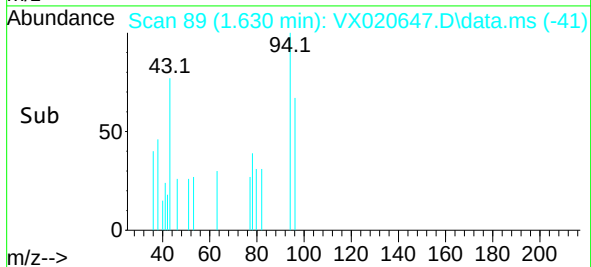
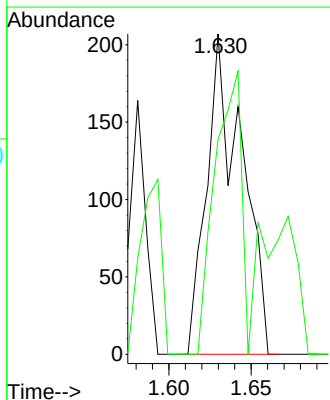
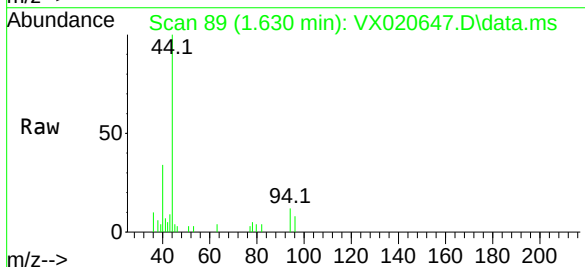
Instrument :
MSVOA_X
ClientSampled :
MW-5

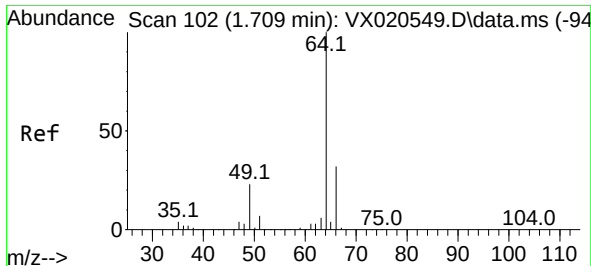
Tgt Ion:168 Resp: 194729
Ion Ratio Lower Upper
168 100
99 58.3 45.8 68.6



#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.006 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36

Tgt Ion: 94 Resp: 305
Ion Ratio Lower Upper
94 100
96 67.1 76.4 114.6#

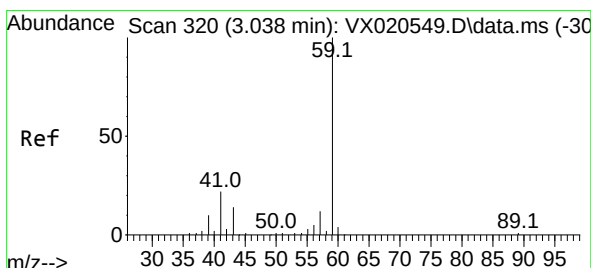
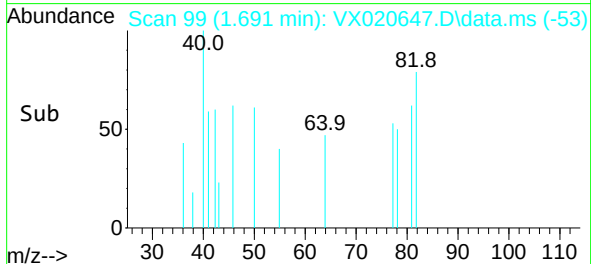
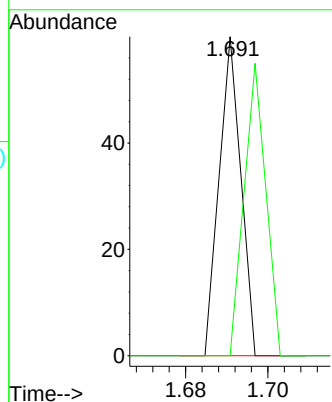
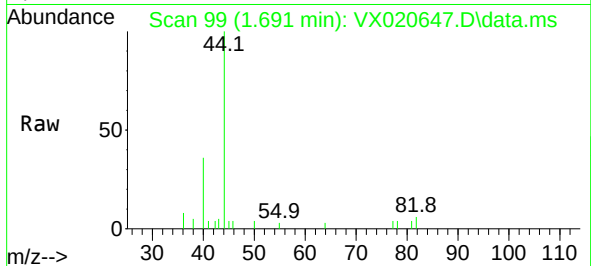




#6
Chloroethane
Concen: 0.44 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.018 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36

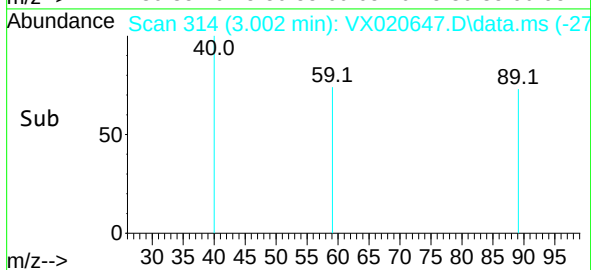
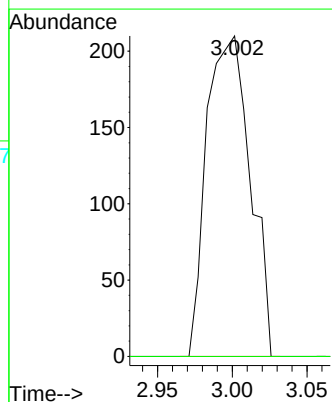
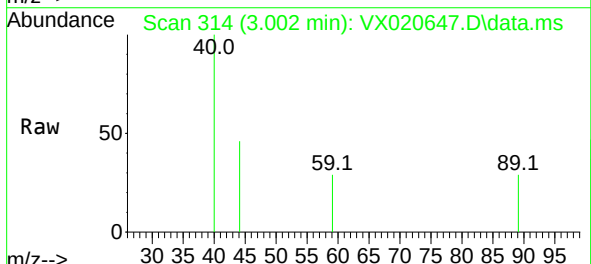
Instrument :
MSVOA_X
ClientSampled :
MW-5

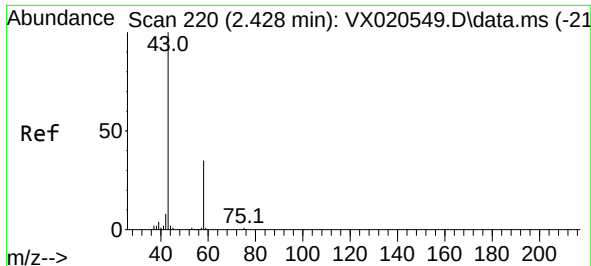
Tgt Ion: 64 Resp: 22
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.002 min Scan# 314
Delta R.T. -0.036 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36

Tgt Ion: 59 Resp: 426
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

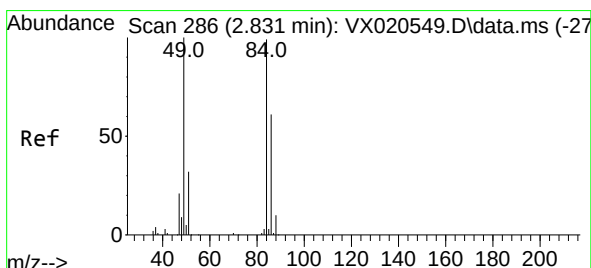
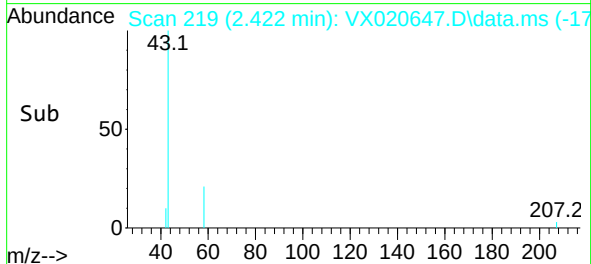
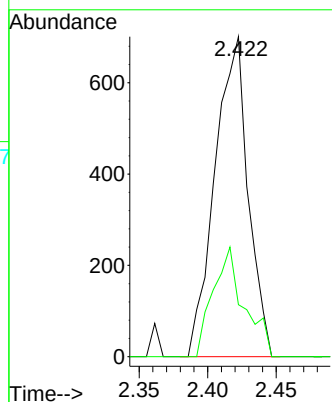
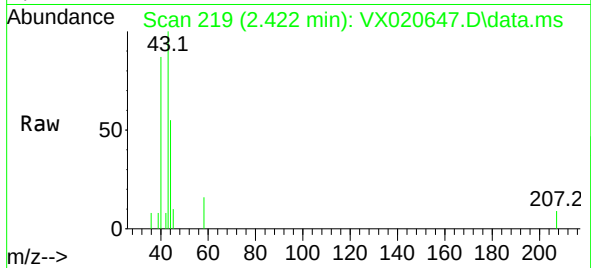




#16
Acetone
Concen: Below Cal
RT: 2.422 min Scan# 219
Delta R.T. -0.006 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36

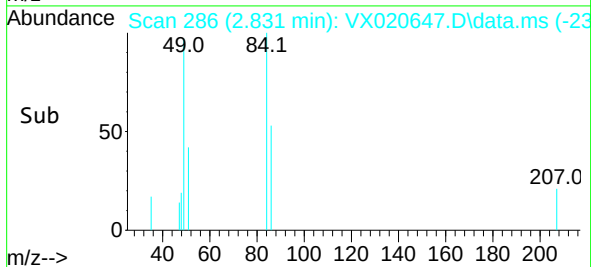
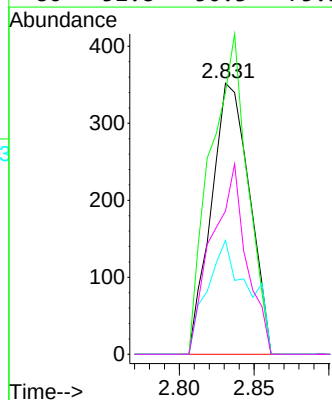
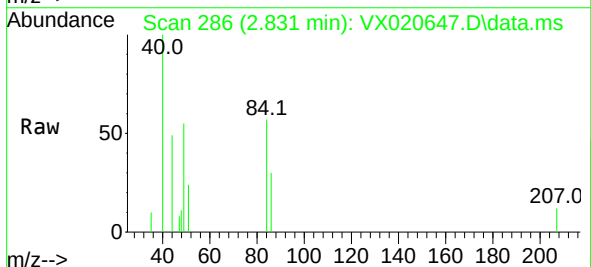
Instrument :
MSVOA_X
ClientSampled :
MW-5

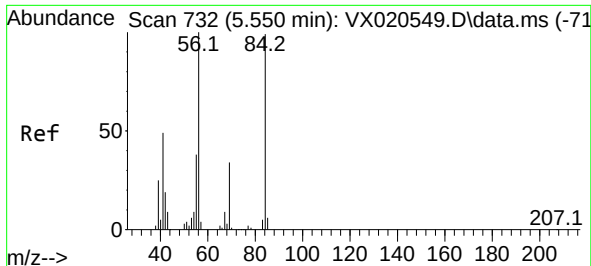
Tgt Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
58 16.3 27.8 41.8#



#20
Methylene Chloride
Concen: 0.28 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36

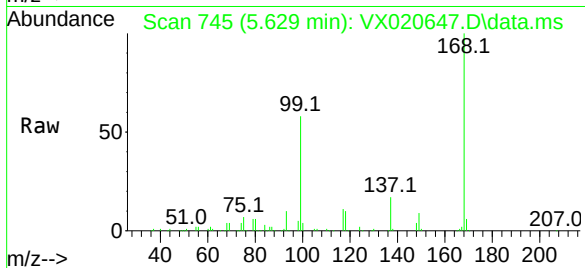
Tgt Ion: 84 Resp: 626
Ion Ratio Lower Upper
84 100
49 96.6 88.6 132.8
51 42.0 27.0 40.6#
86 52.8 50.3 75.5



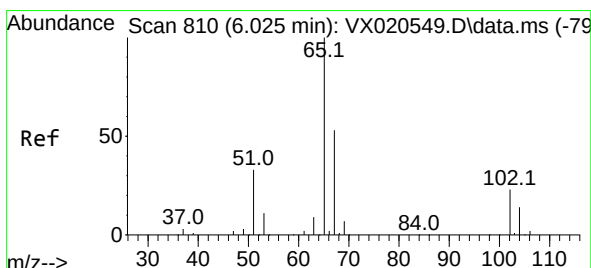
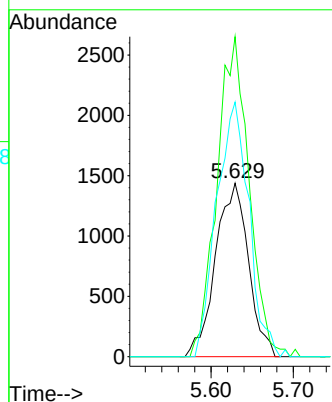
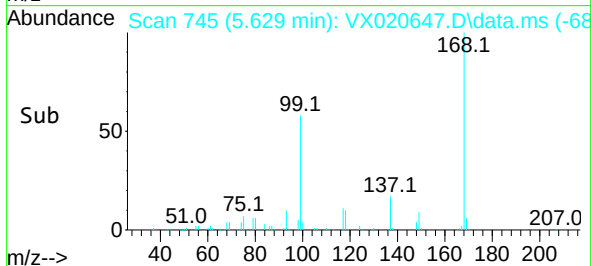


#31
Cyclohexane
Concen: 1.45 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.079 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36

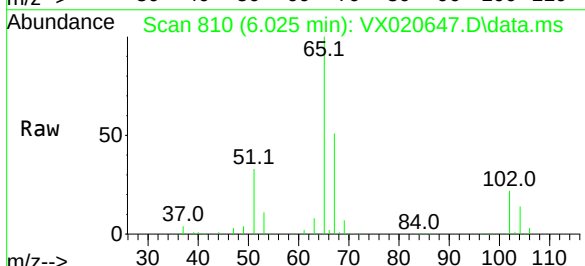
Instrument :
MSVOA_X
ClientSampleId :
MW-5



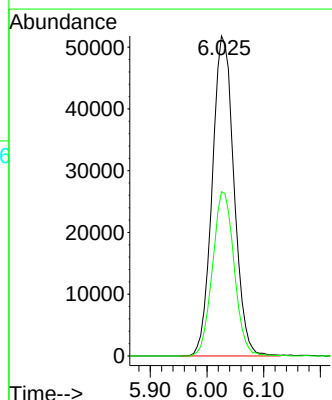
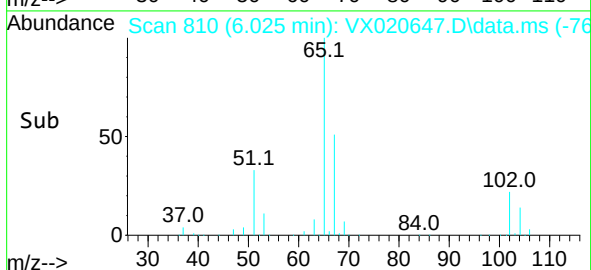
Tgt Ion: 56 Resp: 3997
Ion Ratio Lower Upper
56 100
69 184.6 25.3 37.9#
84 146.8 71.4 107.0#

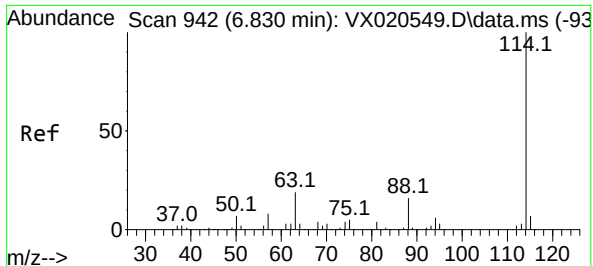


#33
1,2-Dichloroethane-d4
Concen: 58.98 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36



Tgt Ion: 65 Resp: 137941
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4

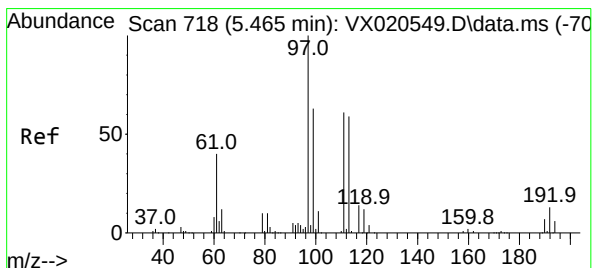
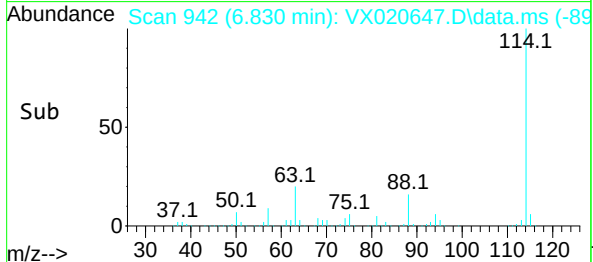
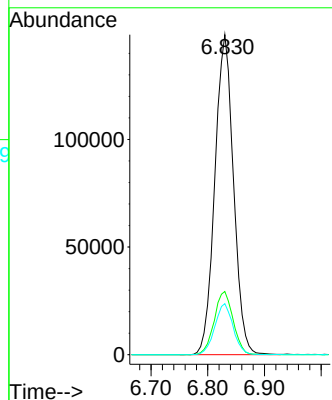
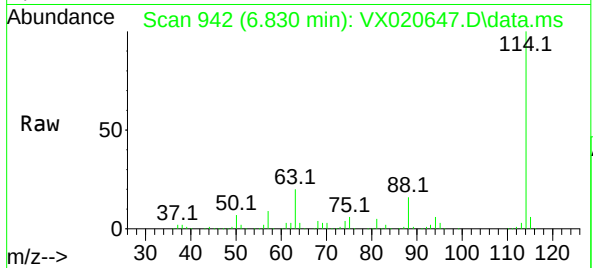




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36

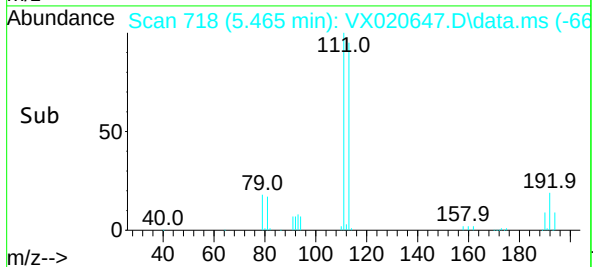
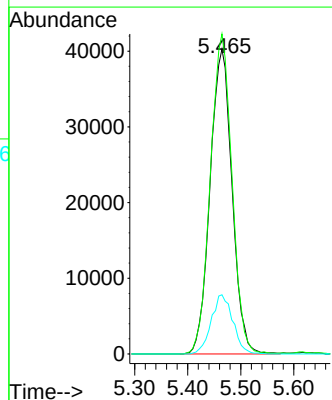
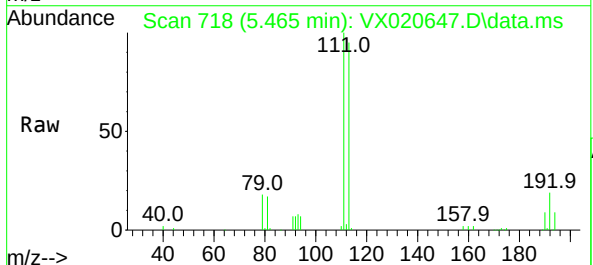
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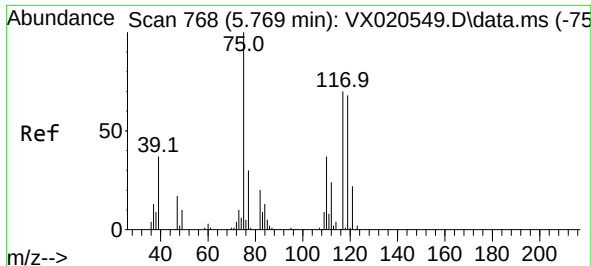
Tgt Ion:114 Resp: 339352
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.19 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36

Tgt Ion:113 Resp: 115673
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 19.2 16.7 25.1

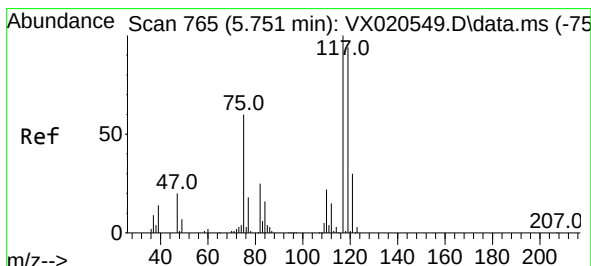
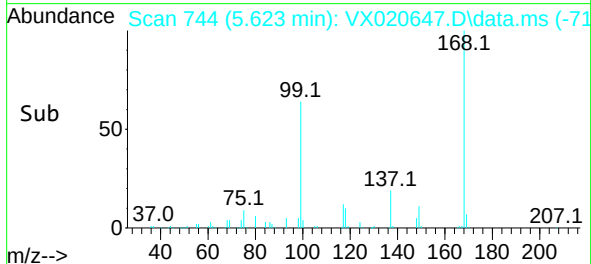
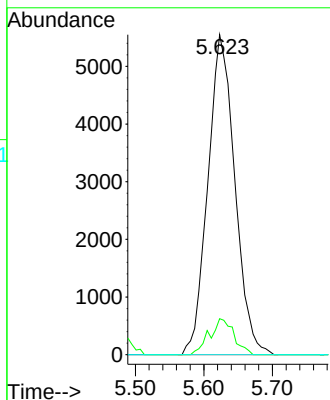
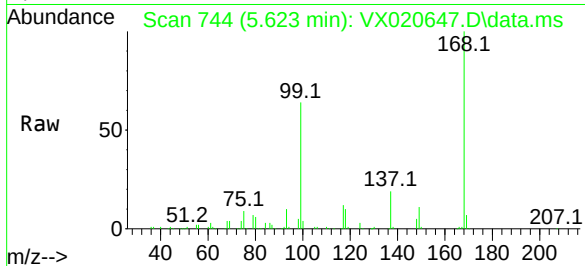




#36
1,1-Dichloropropene
Concen: 4.90 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36

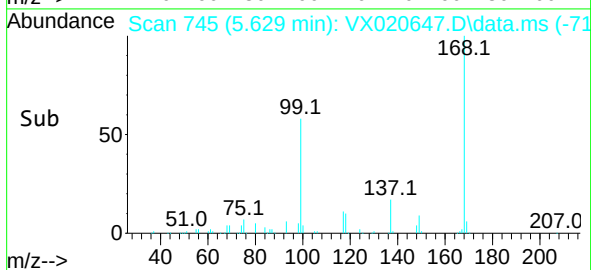
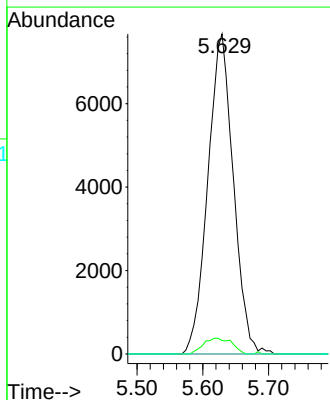
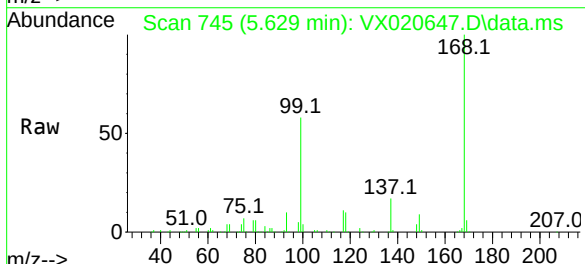
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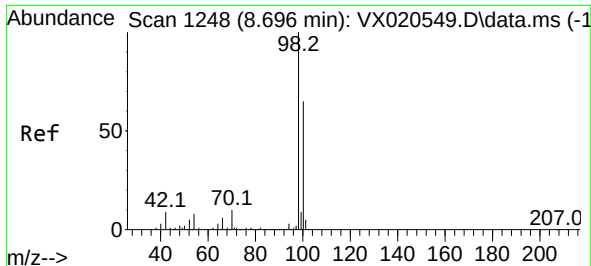
Tgt Ion: 75 Resp: 15190
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.73 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36

Tgt Ion: 117 Resp: 20717
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#

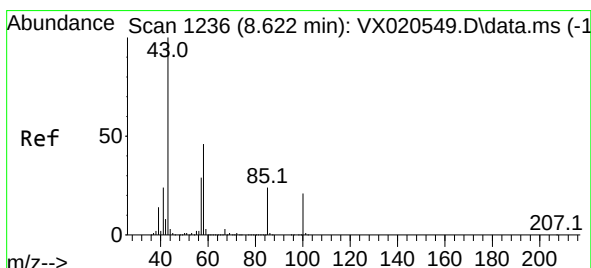
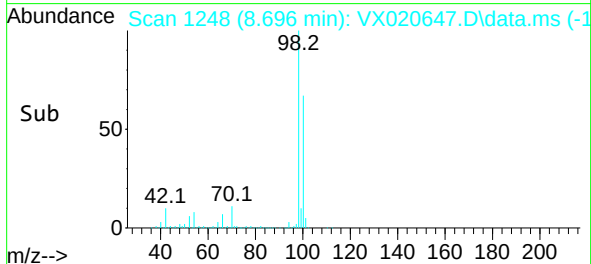
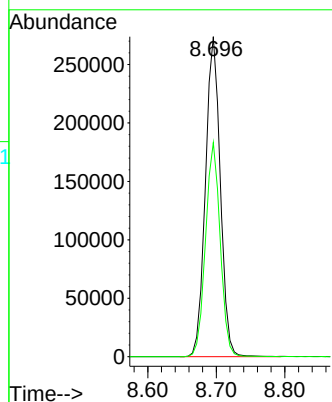
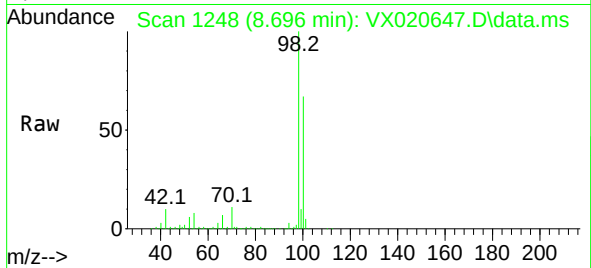




#50
Toluene-d8
Concen: 49.25 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36

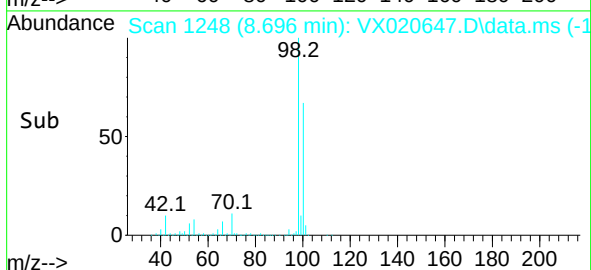
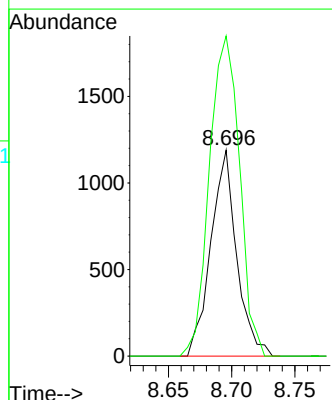
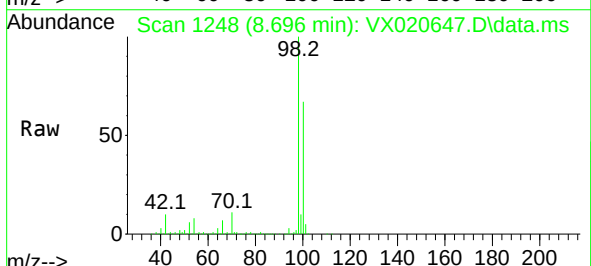
Instrument :
MSVOA_X
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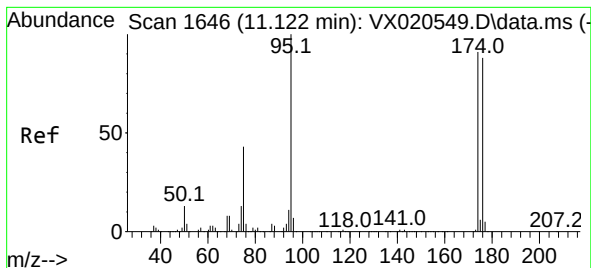
Tgt Ion: 98 Resp: 414385
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.62 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.074 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36

Tgt Ion: 43 Resp: 1688
Ion Ratio Lower Upper
43 100
58 181.0 35.4 53.0#

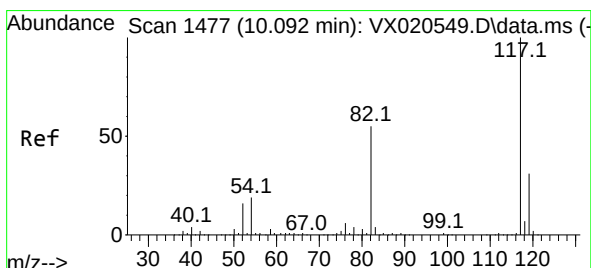
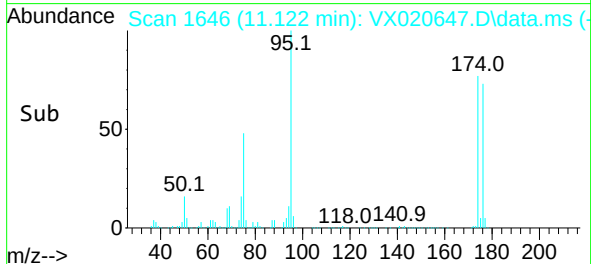
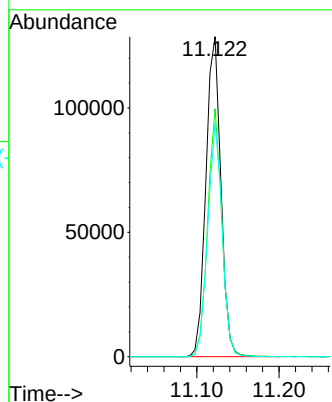
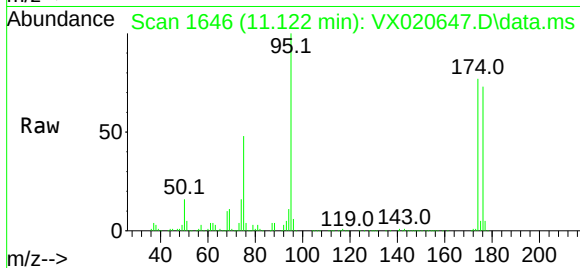




#62
4-Bromofluorobenzene
Concen: 54.74 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36

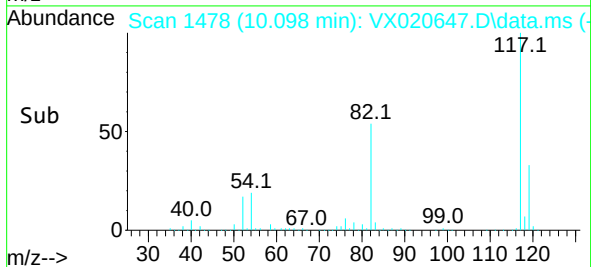
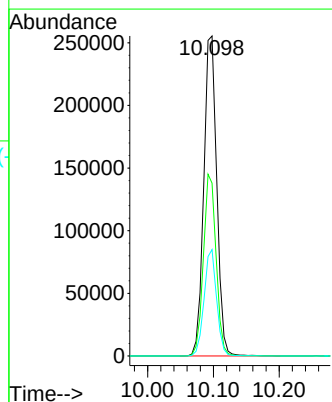
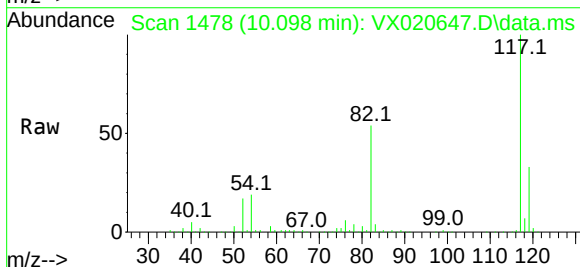
Instrument :
MSVOA_X
ClientSampled :
MW-5

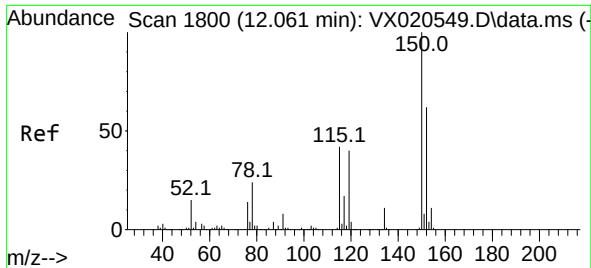
Tgt Ion: 95 Resp: 162637
Ion Ratio Lower Upper
95 100
174 73.4 0.0 154.6
176 70.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36

Tgt Ion: 117 Resp: 350999
Ion Ratio Lower Upper
117 100
82 54.0 47.4 71.2
119 33.2 26.6 39.8

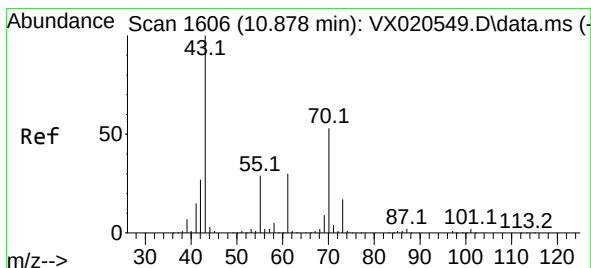
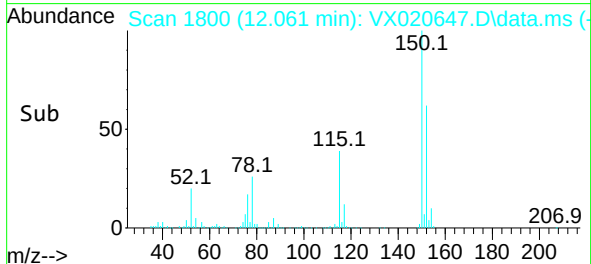
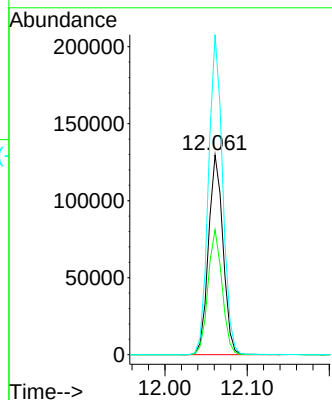
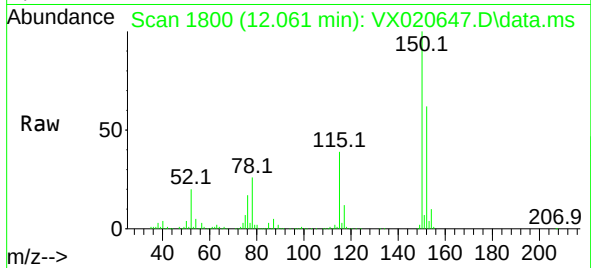




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36

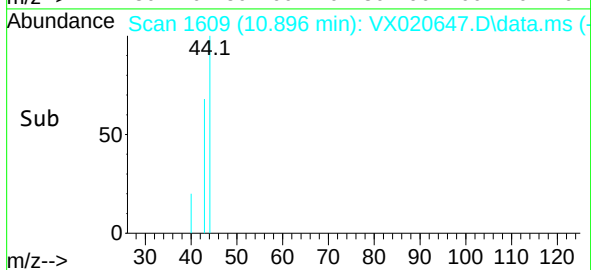
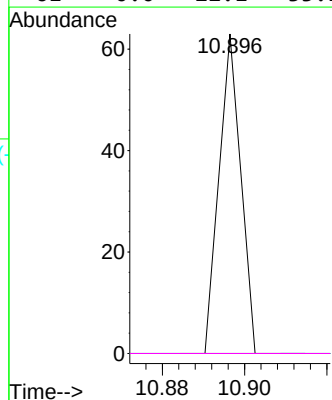
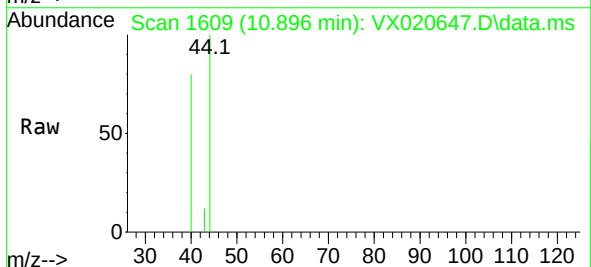
Instrument :
MSVOA_X
ClientSampleId :
MW-5

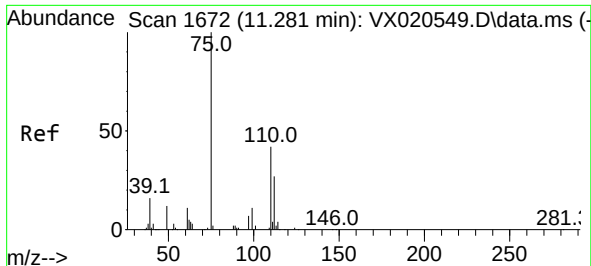
Tgt Ion:152 Resp: 158984
Ion Ratio Lower Upper
152 100
115 60.9 41.1 123.3
150 156.1 0.0 349.0



#74
N-ethyl acetate
Concen: 1.24 ug/l
RT: 10.896 min Scan# 1609
Delta R.T. 0.018 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36

Tgt Ion: 43 Resp: 23
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#

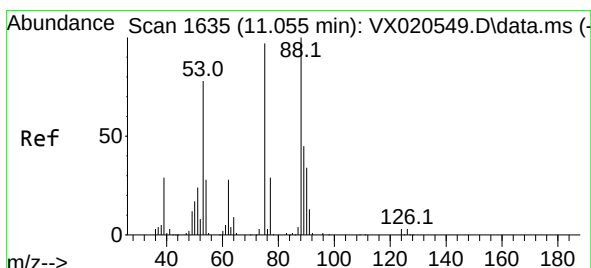
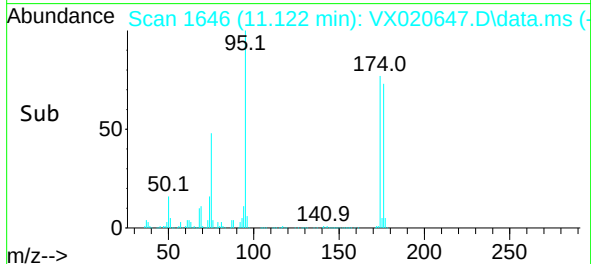
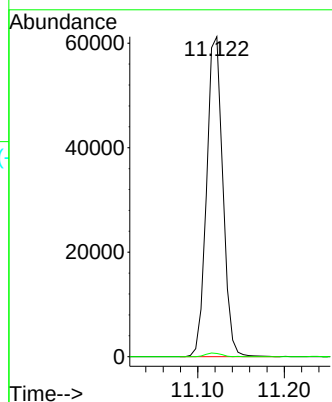
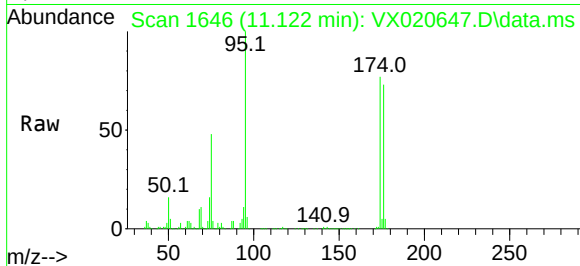




#76
1,2,3-Trichloropropane
Concen: 23.72 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36

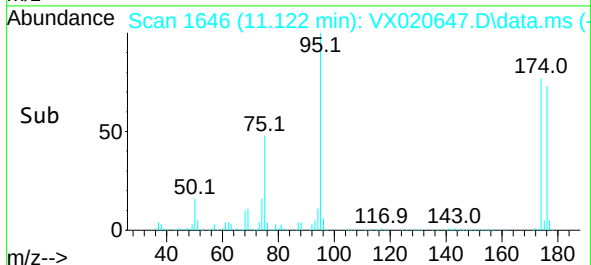
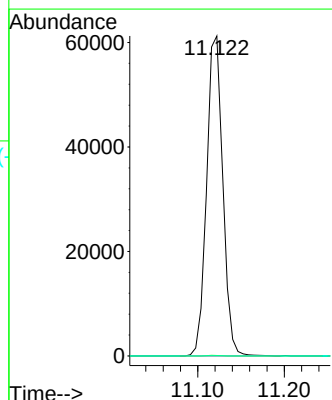
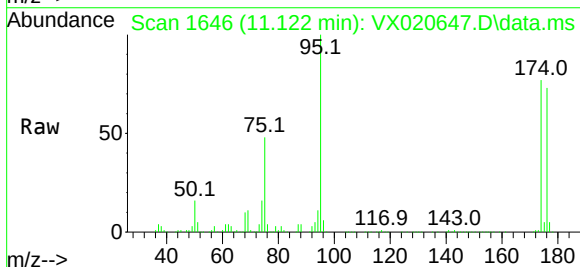
Instrument :
MSVOA_X
ClientSampled :
MW-5

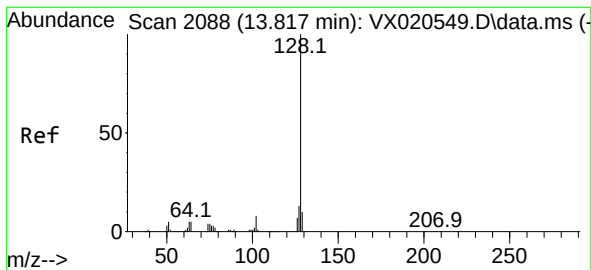
Tgt Ion: 75 Resp: 79451
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.63 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36

Tgt Ion: 75 Resp: 79451
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 5.32 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020647.D
Acq: 15 Jan 2021 21:36

Instrument :
MSVOA_X
ClientSampled :
MW-5

Tgt Ion:128 Resp: 18751
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2

