

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011221\
 Data File : VX020578.D
 Acq On : 12 Jan 2021 14:36
 Operator : JC/MD
 Sample : M1071-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-110B

Quant Time: Jan 13 00:26:25 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)

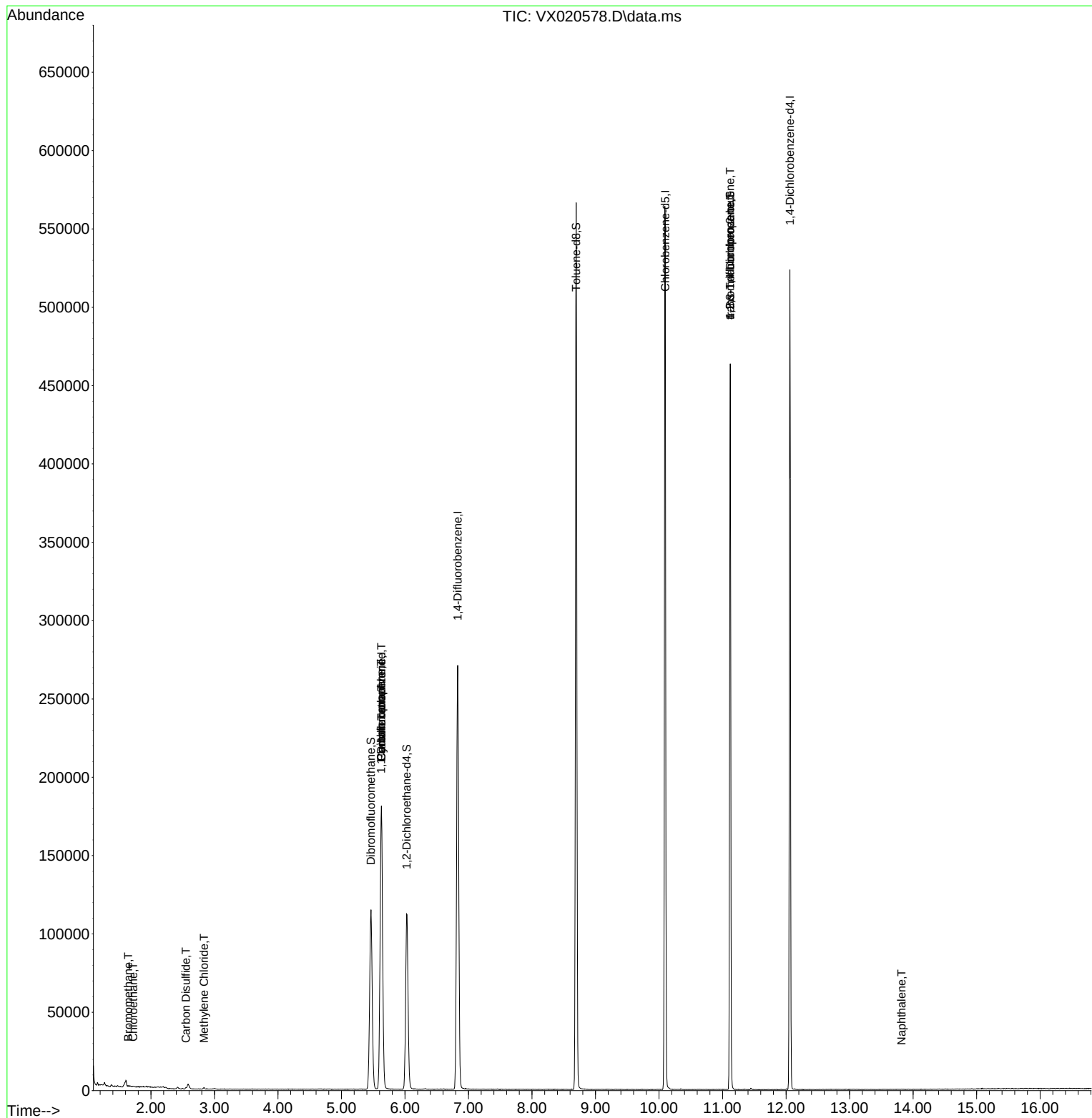
Internal Standards						
1) Pentafluorobenzene	5.629	168	174359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	283729	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	278214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	113772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	109732	52.40	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.80%
35) Dibromofluoromethane	5.464	113	98162	49.93	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.86%
50) Toluene-d8	8.695	98	338136	48.07	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.14%
62) 4-Bromofluorobenzene	11.122	95	122445	49.29	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.58%
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	259	0.21	ug/l	81
6) Chloroethane	1.721	64	65	0.48	ug/l	# 43
11) Tert butyl alcohol	3.001	59	419	Below Cal	#	73
16) Acetone	2.416	43	1100	Below Cal	#	87
17) Carbon Disulfide	2.550	76	947	0.21	ug/l	# 82
20) Methylene Chloride	2.837	84	418	0.21	ug/l	# 90
31) Cyclohexane	5.629	56	2993	1.22	ug/l	# 1
36) 1,1-Dichloropropene	5.623	75	12102	4.67	ug/l	# 49
38) Carbon Tetrachloride	5.629	117	16939	5.60	ug/l	# 17
76) 1,2,3-Trichloropropane	11.122	75	57867	24.14	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.122	75	57867	65.78	ug/l	# 12
95) Naphthalene	13.817	128	116	3.86	ug/l	# 69

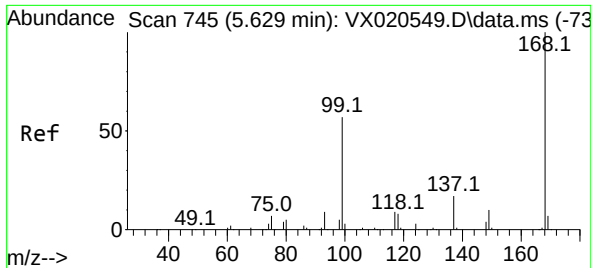
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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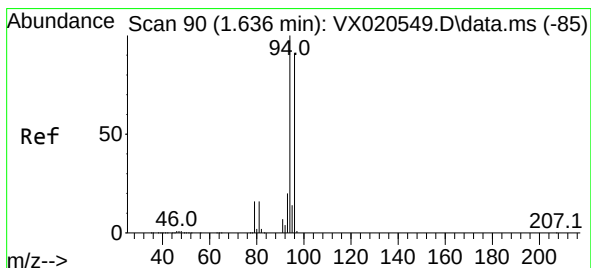
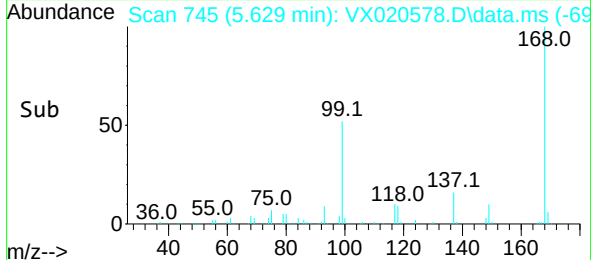
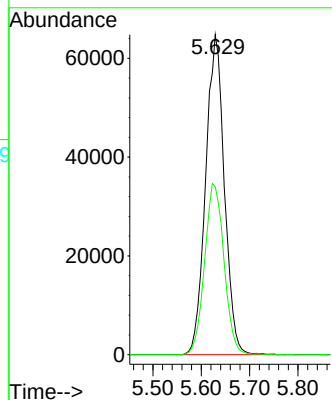
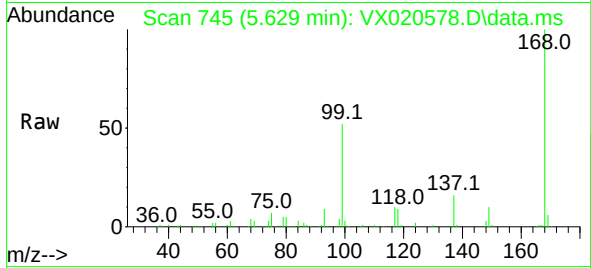




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020578.D
Acq: 12 Jan 2021 14:36

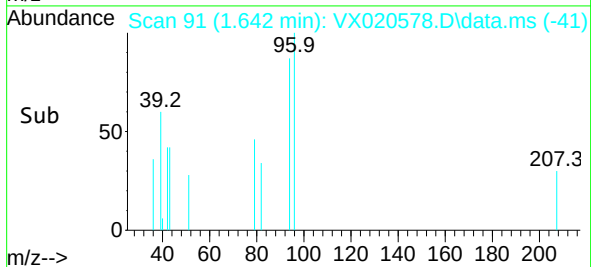
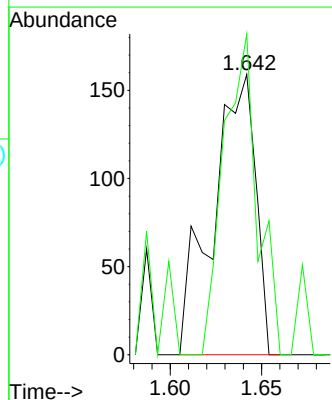
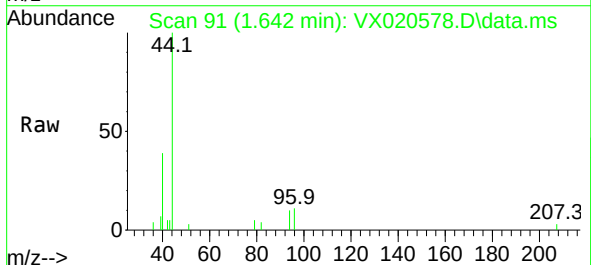
Instrument :
MSVOA_X
ClientSampleId :
MW-110B

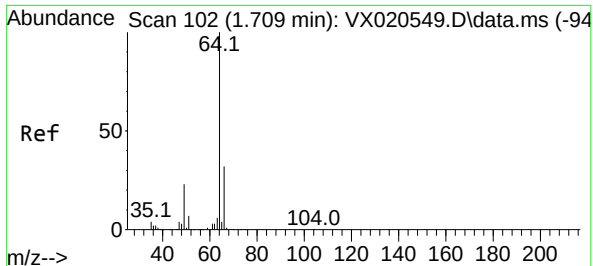
Tgt Ion:168 Resp: 174359
Ion Ratio Lower Upper
168 100
99 52.5 45.8 68.6



#5
Bromomethane
Concen: 0.21 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX020578.D
Acq: 12 Jan 2021 14:36

Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 114.5 76.4 114.6

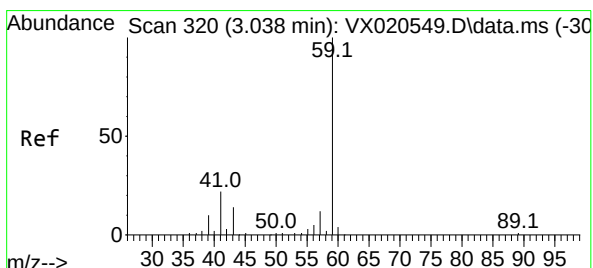
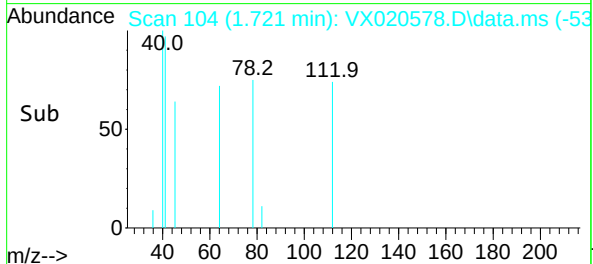
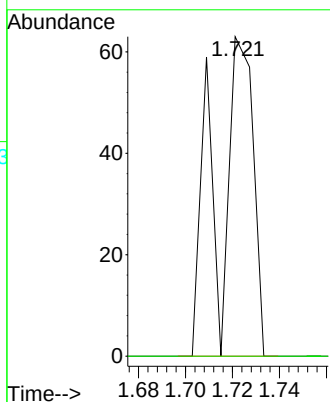
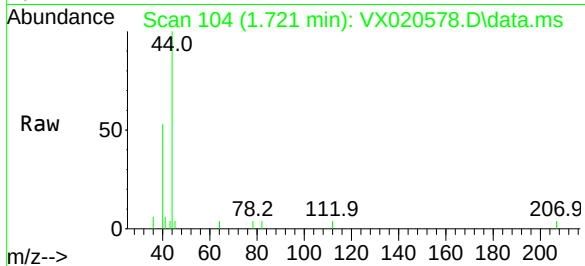




#6
Chloroethane
Concen: 0.48 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.012 min
Lab File: VX020578.D
Acq: 12 Jan 2021 14:36

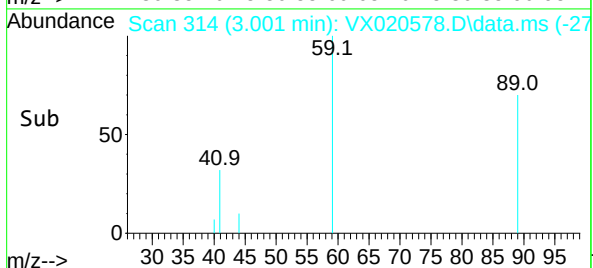
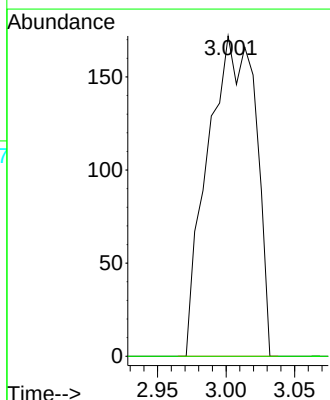
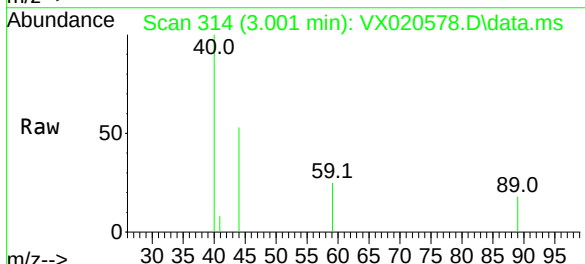
Instrument :
MSVOA_X
ClientSampled :
MW-110B

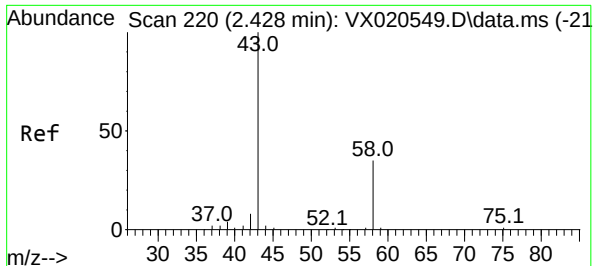
Tgt Ion: 64 Resp: 65
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.001 min Scan# 314
Delta R.T. -0.037 min
Lab File: VX020578.D
Acq: 12 Jan 2021 14:36

Tgt Ion: 59 Resp: 419
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

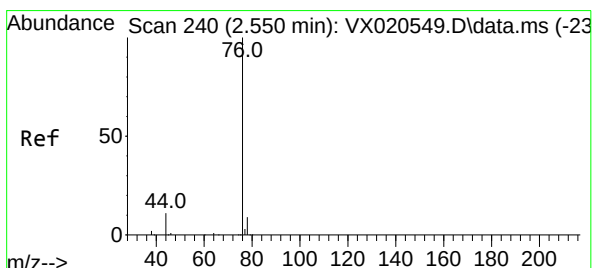
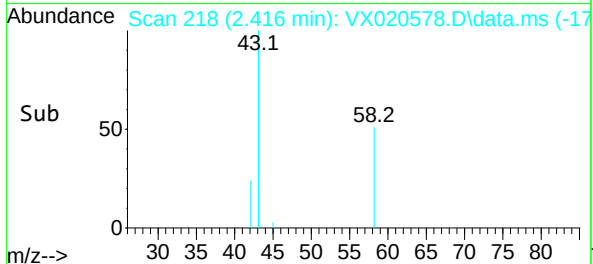
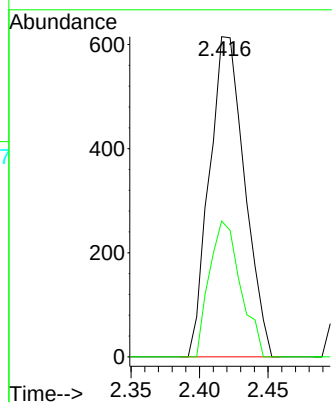
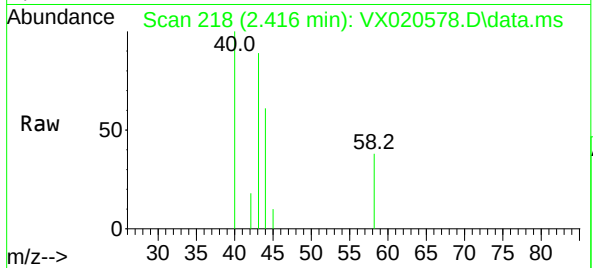




#16
Acetone
Concen: Below Cal
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020578.D
Acq: 12 Jan 2021 14:36

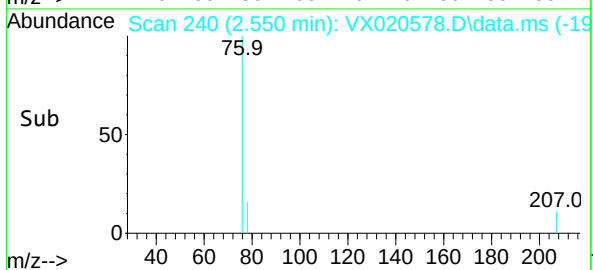
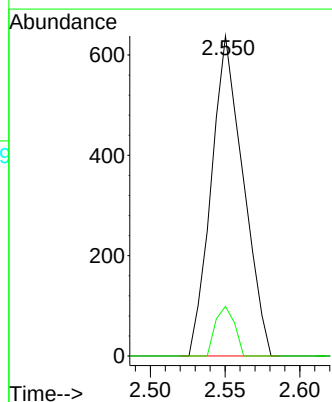
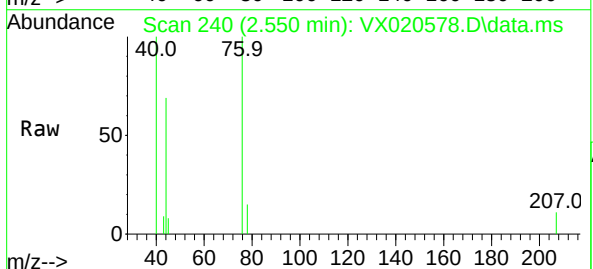
Instrument :
MSVOA_X
ClientSampled :
MW-110B

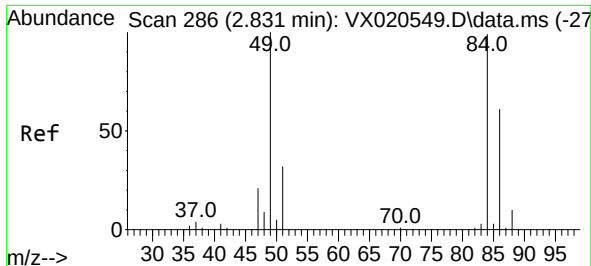
Tgt Ion: 43 Resp: 1100
Ion Ratio Lower Upper
43 100
58 42.4 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX020578.D
Acq: 12 Jan 2021 14:36

Tgt Ion: 76 Resp: 947
Ion Ratio Lower Upper
76 100
78 15.5 7.2 10.8#

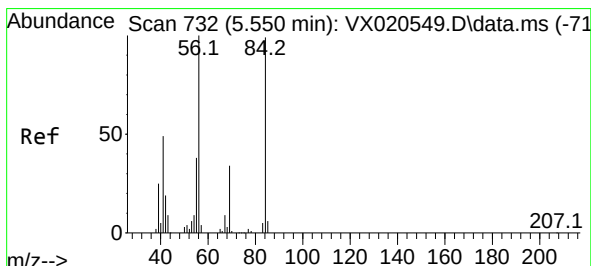
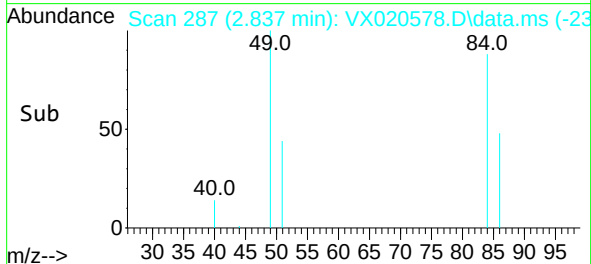
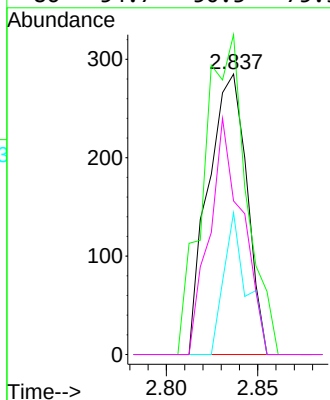
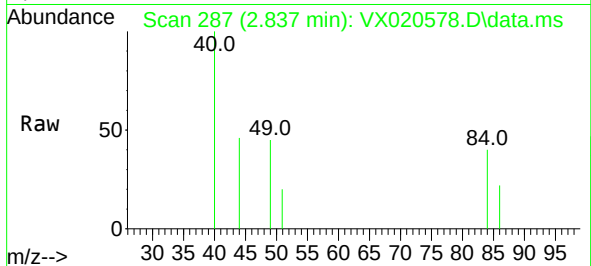




#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020578.D
Acq: 12 Jan 2021 14:36

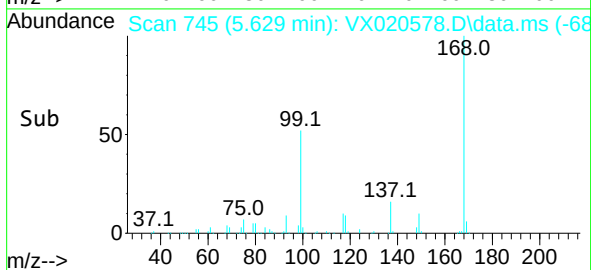
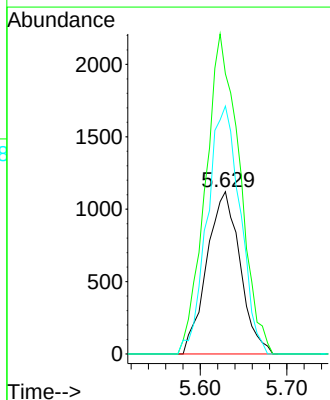
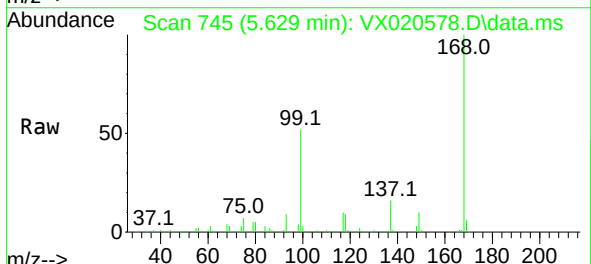
Instrument :
MSVOA_X
ClientSampleId :
MW-110B

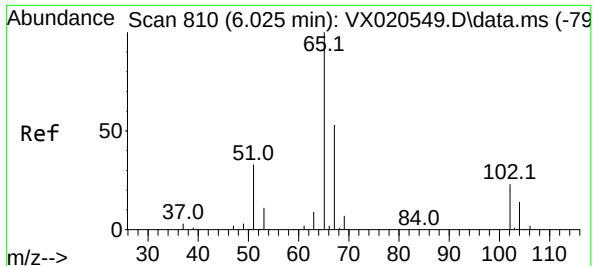
Tgt Ion:	84	Resp:	418
Ion	Ratio	Lower	Upper
84	100		
49	114.0	88.6	132.8
51	50.5	27.0	40.6#
86	54.7	50.3	75.5



#31
Cyclohexane
Concen: 1.22 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.079 min
Lab File: VX020578.D
Acq: 12 Jan 2021 14:36

Tgt Ion:	56	Resp:	2993
Ion	Ratio	Lower	Upper
56	100		
69	172.6	25.3	37.9#
84	152.7	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.40 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020578.D

Acq: 12 Jan 2021 14:36

Tgt Ion: 65 Resp: 109732

Ion Ratio Lower Upper

65 100

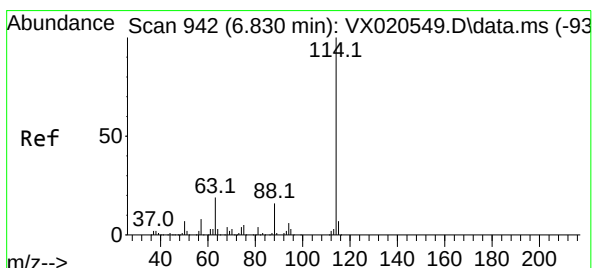
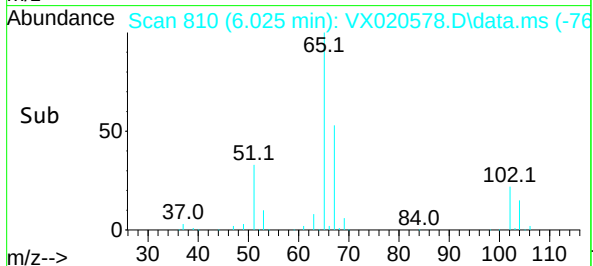
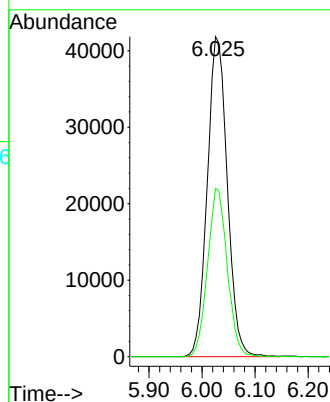
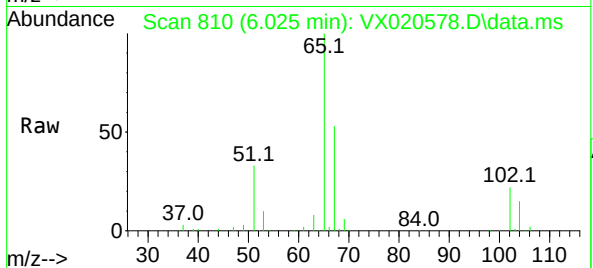
67 51.7 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

MW-110B



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. -0.000 min

Lab File: VX020578.D

Acq: 12 Jan 2021 14:36

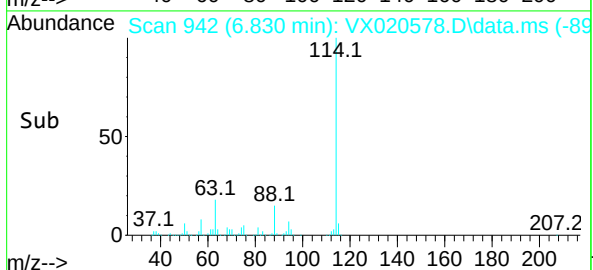
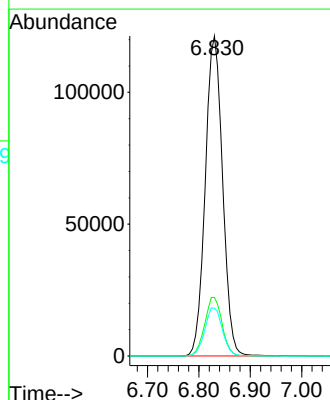
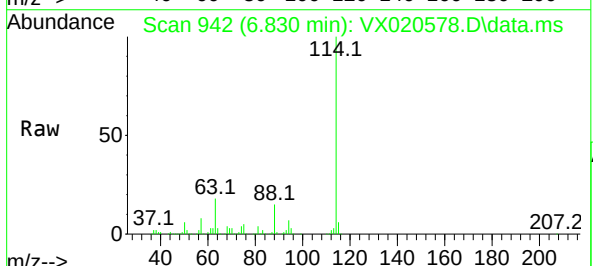
Tgt Ion: 114 Resp: 283729

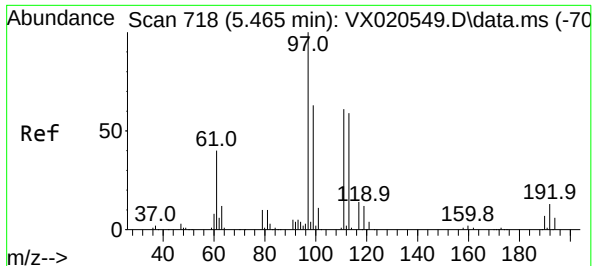
Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.8

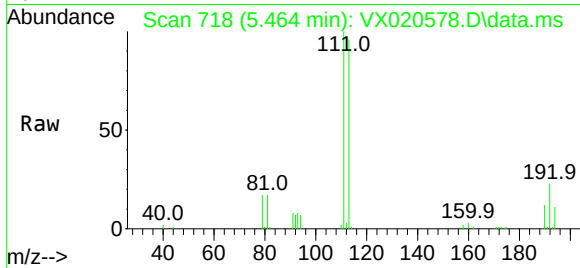
88 14.9 0.0 32.8



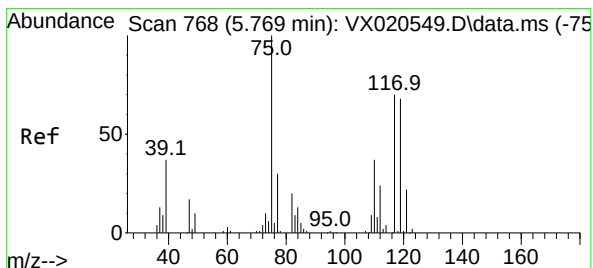
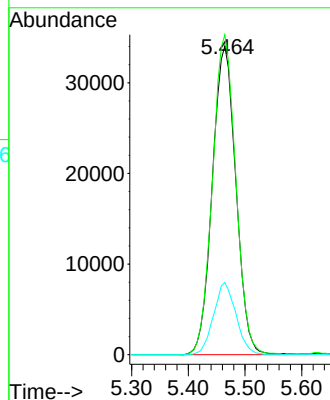
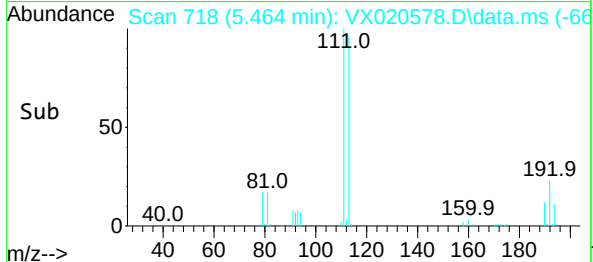


#35
Dibromofluoromethane
Concen: 49.93 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020578.D
Acq: 12 Jan 2021 14:36

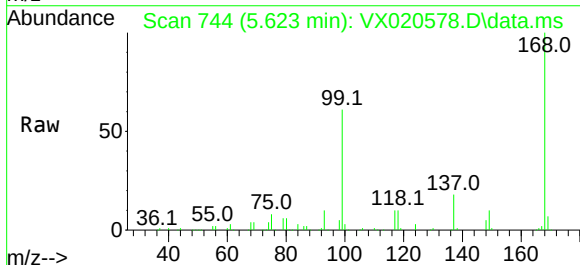
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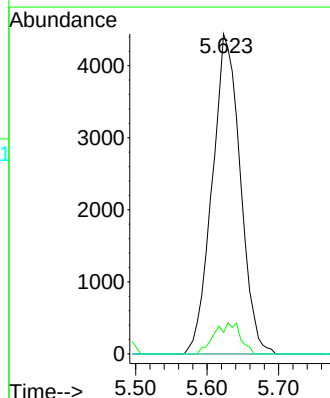
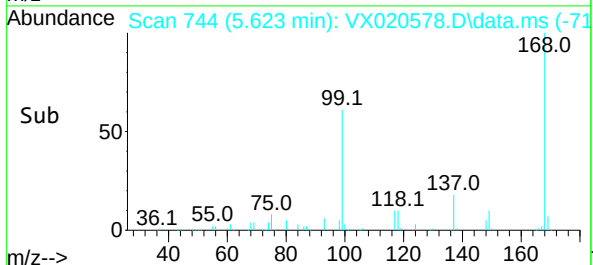
Tgt Ion:113 Resp: 98162
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 22.3 16.7 25.1

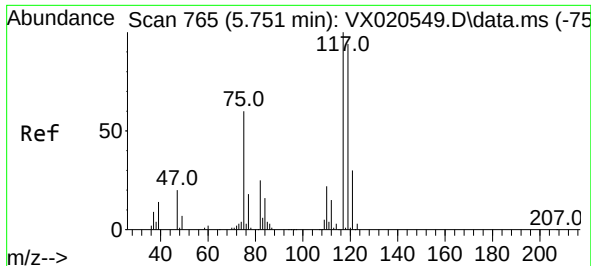


#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020578.D
Acq: 12 Jan 2021 14:36



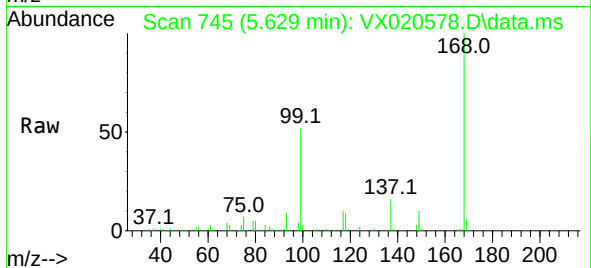
Tgt Ion: 75 Resp: 12102
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



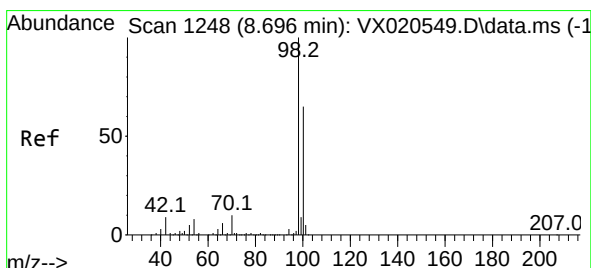
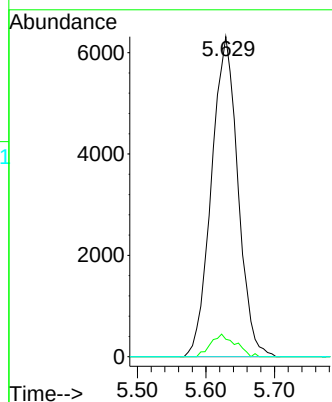
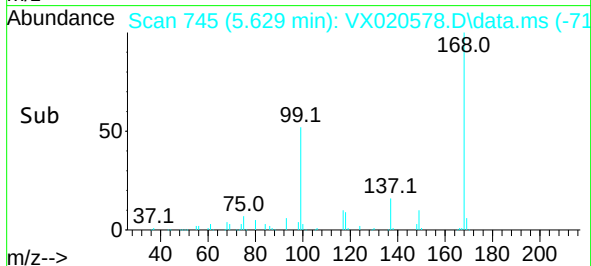


#38
Carbon Tetrachloride
Concen: 5.60 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020578.D
Acq: 12 Jan 2021 14:36

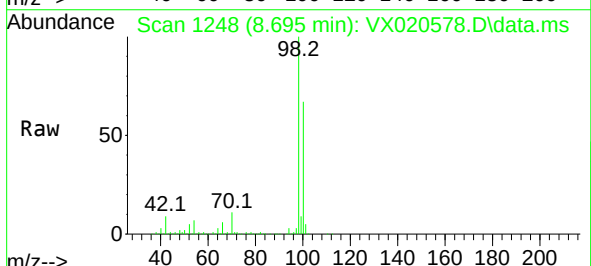
Instrument :
MSVOA_X
ClientSampleId :
MW-110B



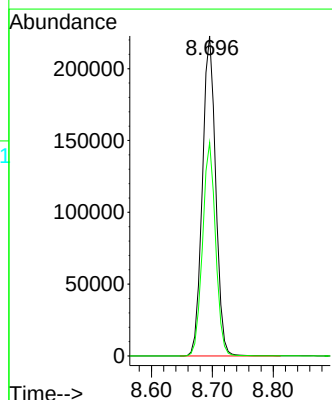
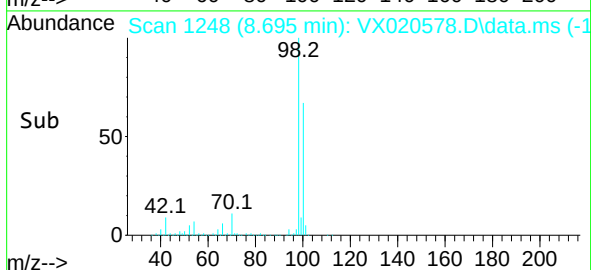
Tgt Ion:117 Resp: 16939
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

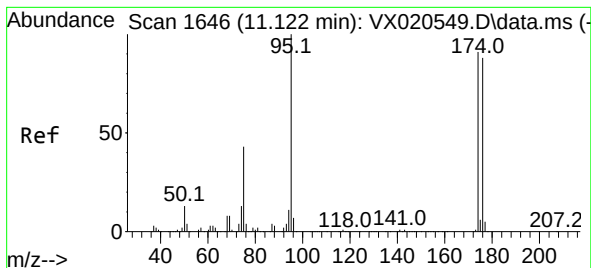


#50
Toluene-d8
Concen: 48.07 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020578.D
Acq: 12 Jan 2021 14:36



Tgt Ion: 98 Resp: 338136
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

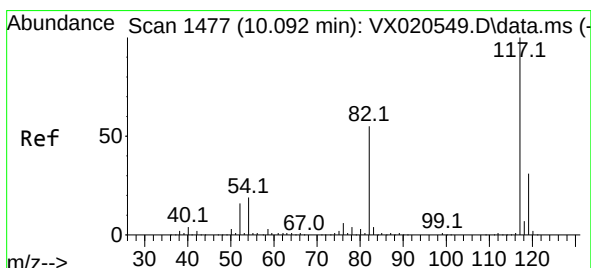
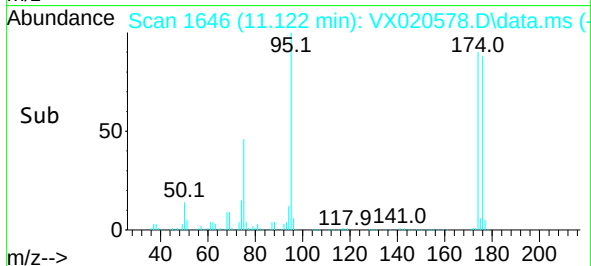
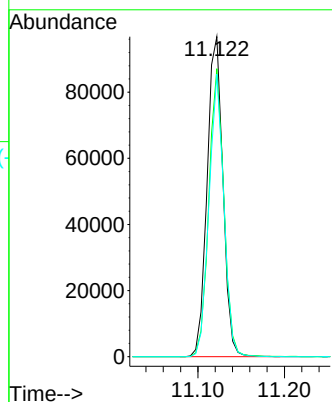
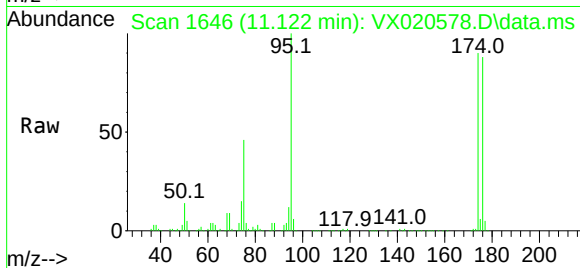




#62
4-Bromofluorobenzene
Concen: 49.29 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020578.D
Acq: 12 Jan 2021 14:36

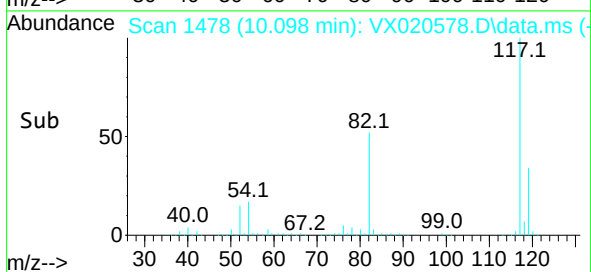
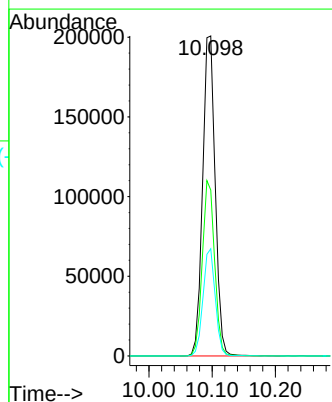
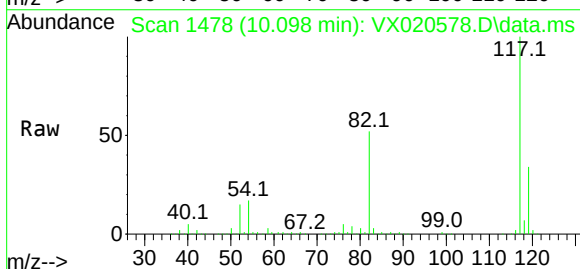
Instrument :
MSVOA_X
ClientSampleId :
MW-110B

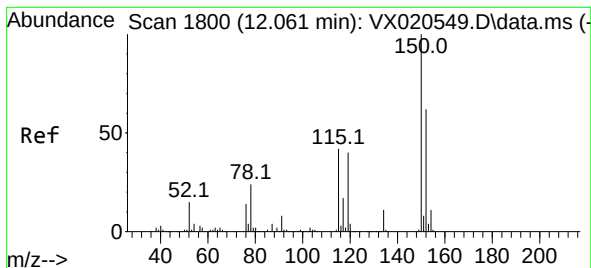
Tgt Ion: 95 Resp: 122445
Ion Ratio Lower Upper
95 100
174 85.7 0.0 154.6
176 83.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020578.D
Acq: 12 Jan 2021 14:36

Tgt Ion: 117 Resp: 278214
Ion Ratio Lower Upper
117 100
82 51.8 47.4 71.2
119 33.5 26.6 39.8

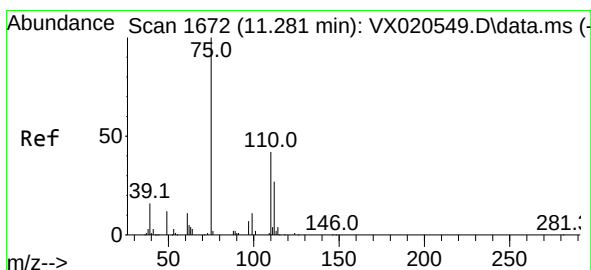
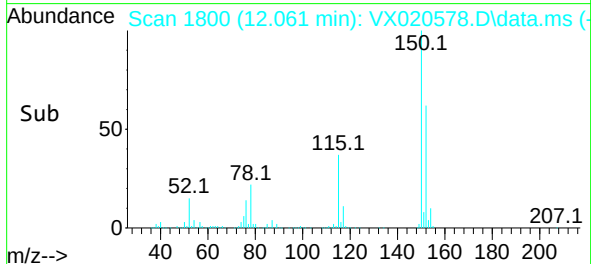
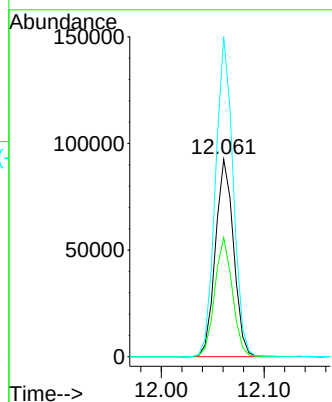
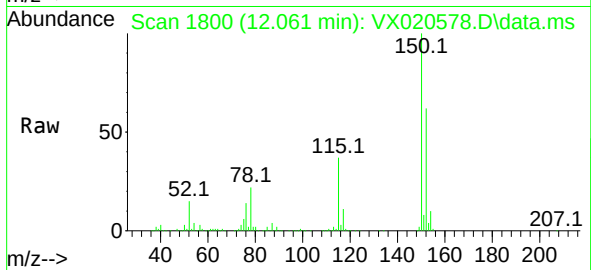




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020578.D
Acq: 12 Jan 2021 14:36

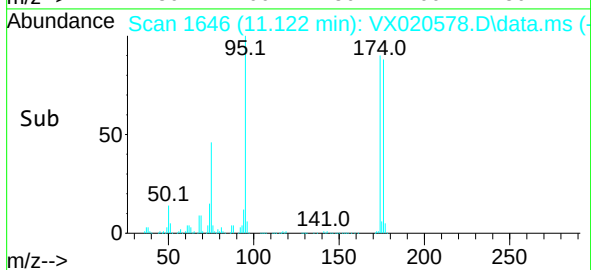
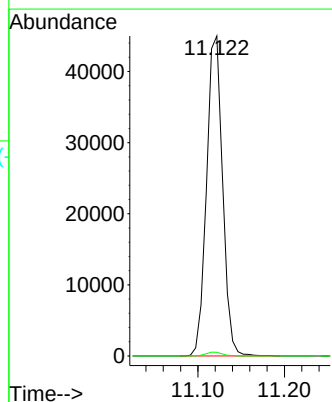
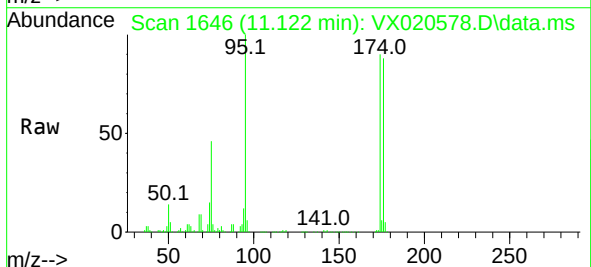
Instrument :
MSVOA_X
ClientSampleId :
MW-110B

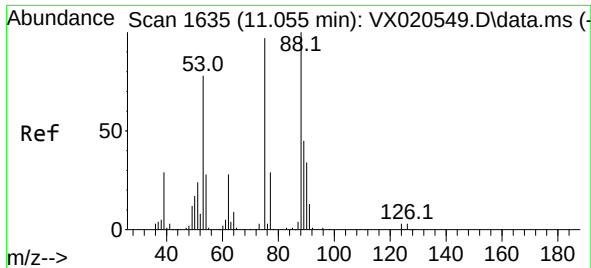
Tgt Ion:152 Resp: 113772
Ion Ratio Lower Upper
152 100
115 58.4 41.1 123.3
150 157.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.14 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020578.D
Acq: 12 Jan 2021 14:36

Tgt Ion: 75 Resp: 57867
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

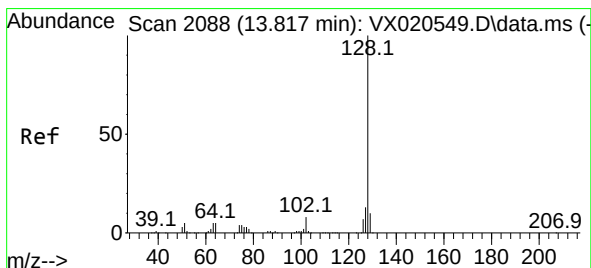
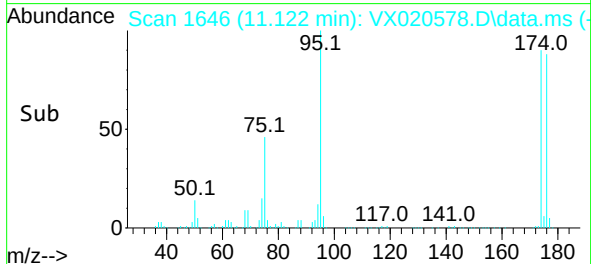
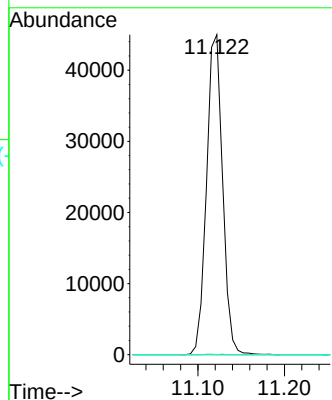
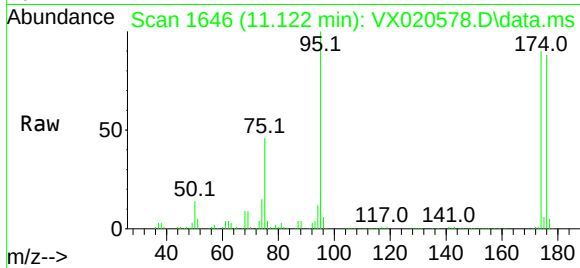




#81
trans-1,4-Dichloro-2-butene
Concen: 65.78 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020578.D
Acq: 12 Jan 2021 14:36

Instrument :
MSVOA_X
ClientSampleId :
MW-110B

Tgt Ion: 75 Resp: 57867
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 3.86 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020578.D
Acq: 12 Jan 2021 14:36

Tgt Ion:128 Resp: 116
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

