

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011221\
 Data File : VX020576.D
 Acq On : 12 Jan 2021 13:50
 Operator : JC/MD
 Sample : M1071-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-120

Quant Time: Jan 13 00:25:56 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)

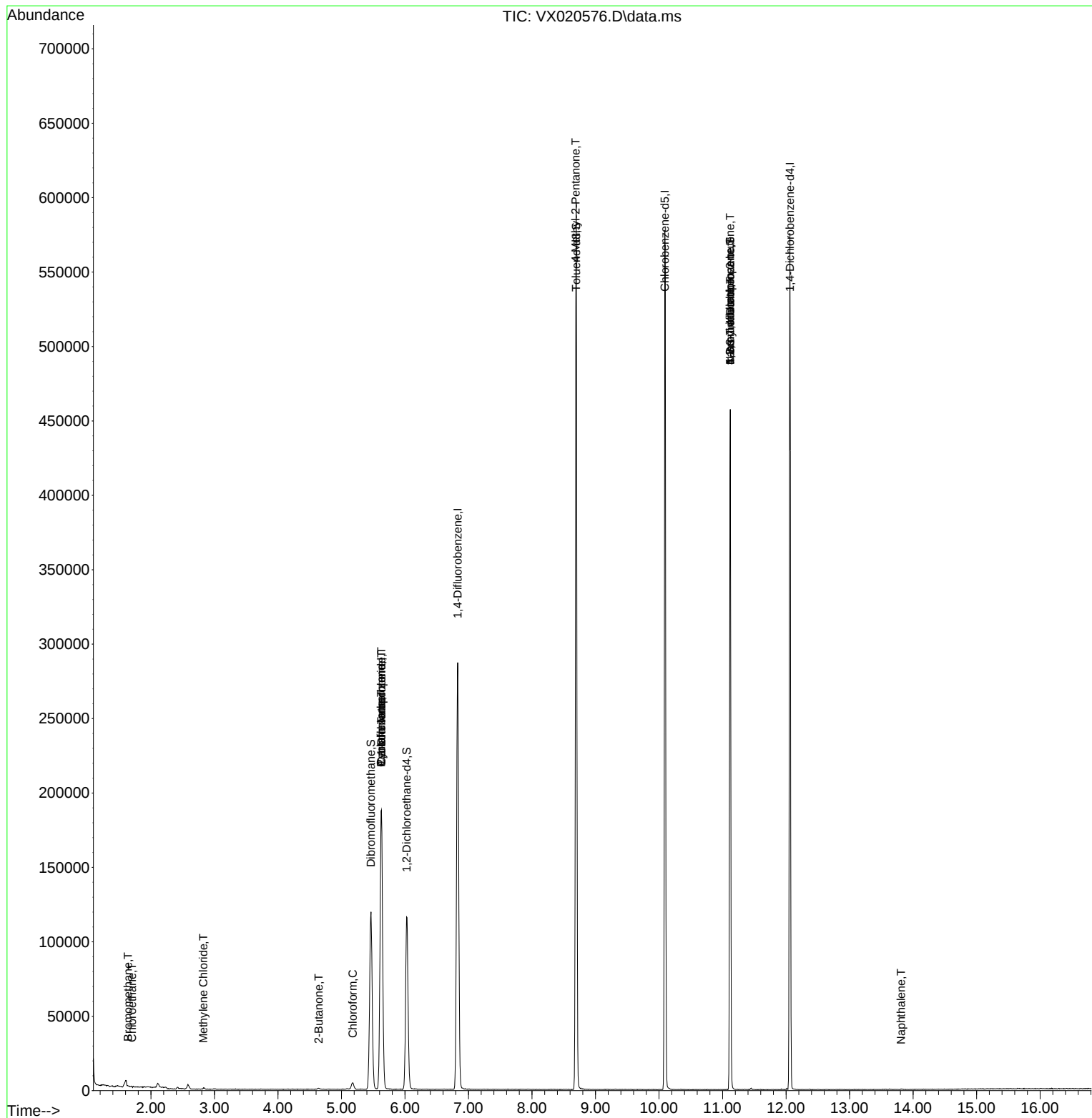
Internal Standards						
1) Pentafluorobenzene	5.623	168	185715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	300161	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	277856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	123833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	113650	50.95	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	101.90%		
35) Dibromofluoromethane	5.464	113	102835	49.44	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.88%		
50) Toluene-d8	8.696	98	353335	47.48	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.96%		
62) 4-Bromofluorobenzene	11.122	95	120476	45.84	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.68%		
Target Compounds					Qvalue	
5) Bromomethane	1.636	94	266	0.20	ug/l #	77
6) Chloroethane	1.703	64	60	0.47	ug/l #	43
11) Tert butyl alcohol	3.008	59	298	Below Cal	#	73
16) Acetone	2.416	43	1428	Below Cal		93
20) Methylene Chloride	2.825	84	474	0.22	ug/l #	90
25) 2-Butanone	4.641	43	1209	1.00	ug/l	98
30) Chloroform	5.178	83	5390	1.46	ug/l	99
31) Cyclohexane	5.623	56	3130	1.19	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	13122	4.78	ug/l #	49
38) Carbon Tetrachloride	5.629	117	17850	5.58	ug/l #	17
51) 4-Methyl-2-Pentanone	8.689	43	1263	0.53	ug/l #	1
74) N-amyl acetate	11.122	43	19	1.24	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	58197	22.31	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	58197	60.78	ug/l #	12
95) Naphthalene	13.810	128	195	3.86	ug/l #	69

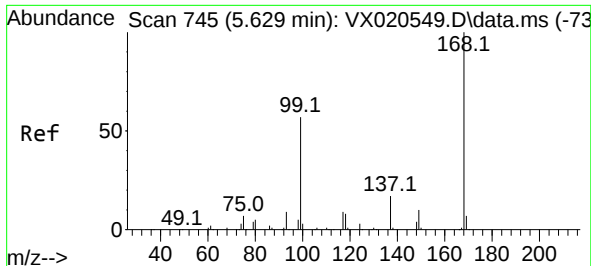
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 13 00:25:56 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
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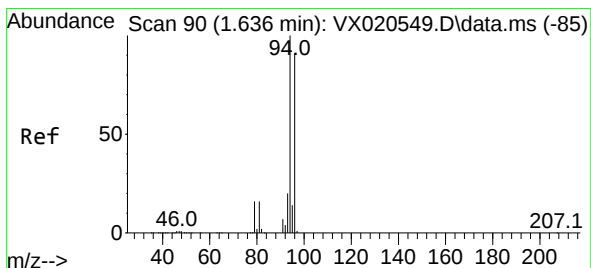
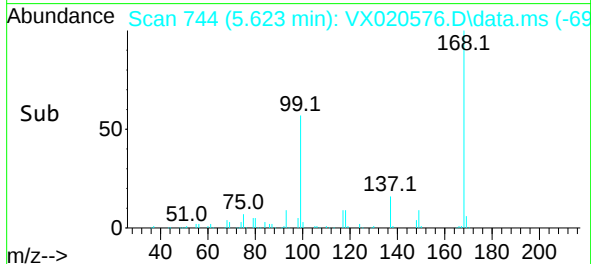
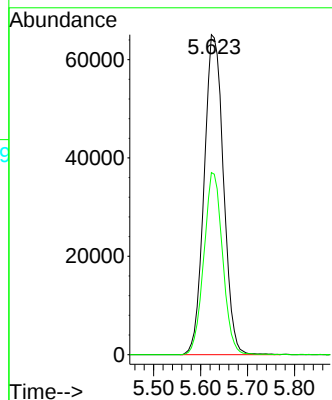
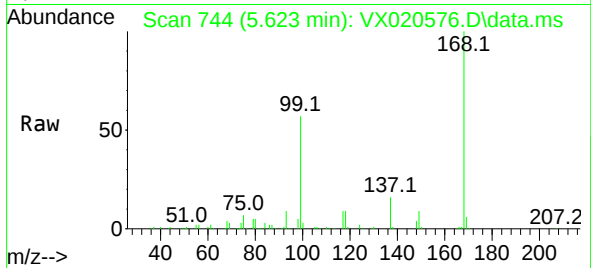




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020576.D
Acq: 12 Jan 2021 13:50

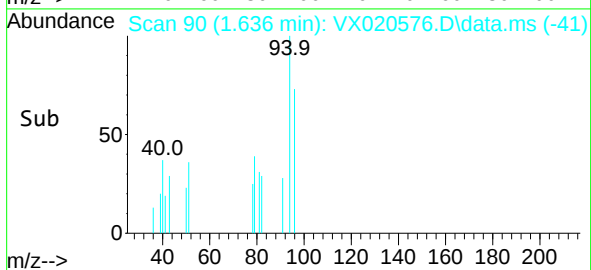
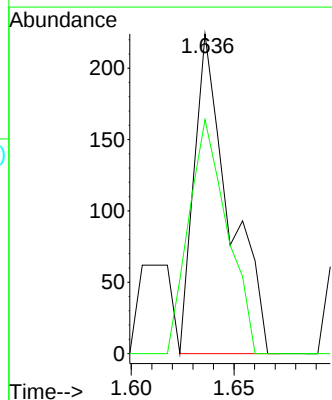
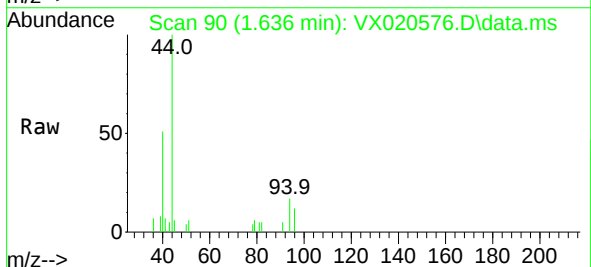
Instrument :
MSVOA_X
ClientSampleId :
MW-120

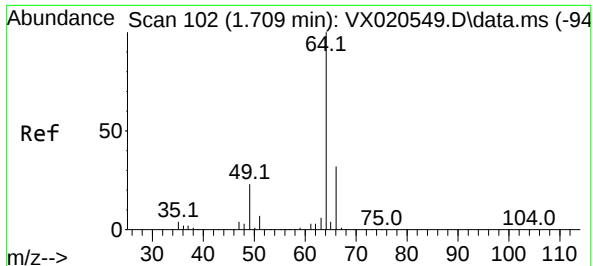
Tgt Ion:168 Resp: 185715
Ion Ratio Lower Upper
168 100
99 56.9 45.8 68.6



#5
Bromomethane
Concen: 0.20 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.000 min
Lab File: VX020576.D
Acq: 12 Jan 2021 13:50

Tgt Ion: 94 Resp: 266
Ion Ratio Lower Upper
94 100
96 73.2 76.4 114.6#

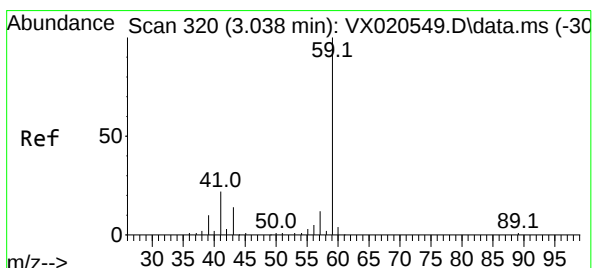
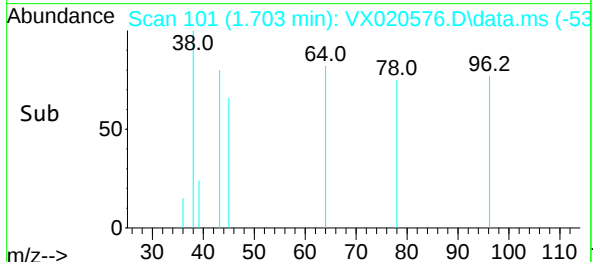
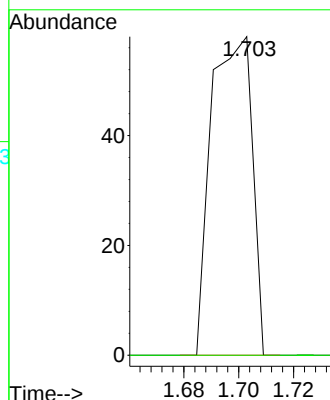
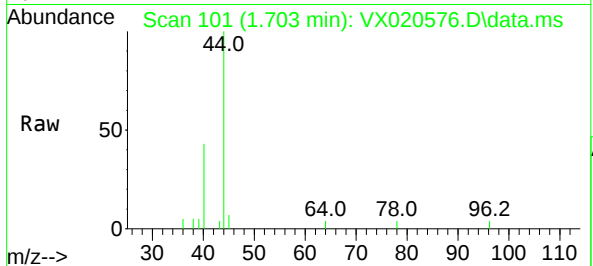




#6
Chloroethane
Concen: 0.47 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX020576.D
Acq: 12 Jan 2021 13:50

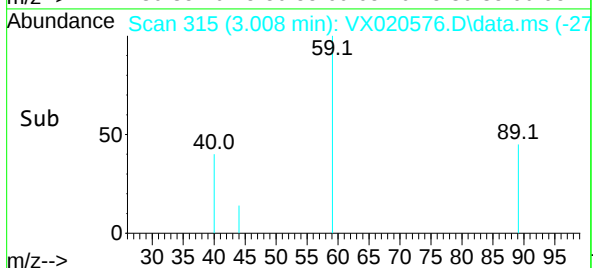
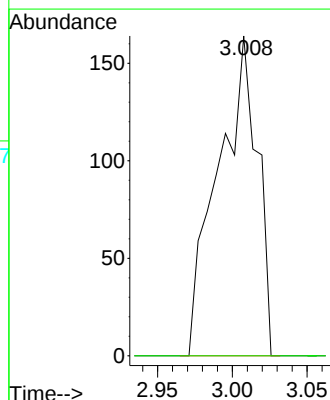
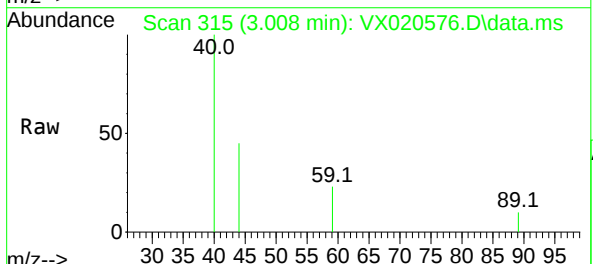
Instrument :
MSVOA_X
ClientSampled :
MW-120

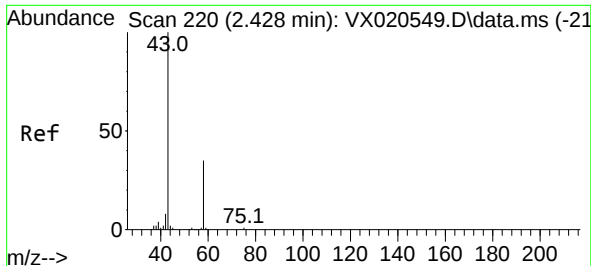
Tgt Ion: 64 Resp: 60
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.008 min Scan# 315
Delta R.T. -0.030 min
Lab File: VX020576.D
Acq: 12 Jan 2021 13:50

Tgt Ion: 59 Resp: 298
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

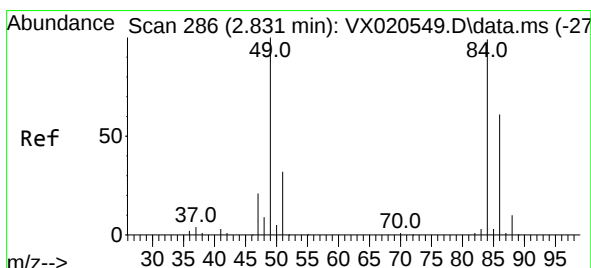
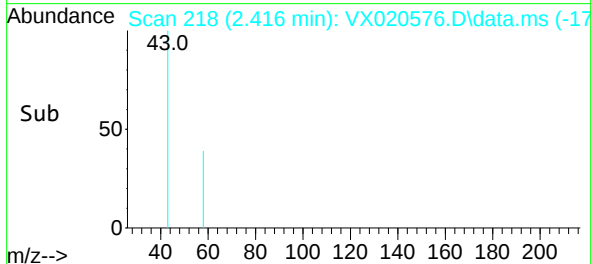
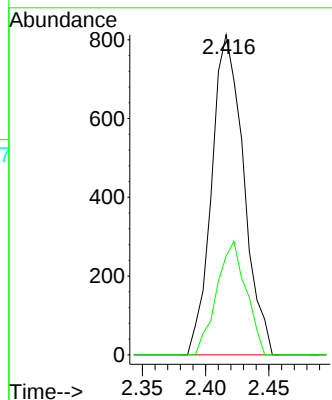
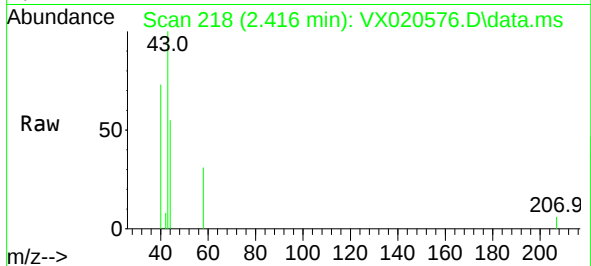




#16
Acetone
Concen: Below Cal
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020576.D
Acq: 12 Jan 2021 13:50

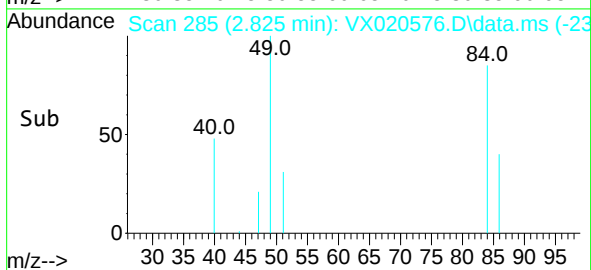
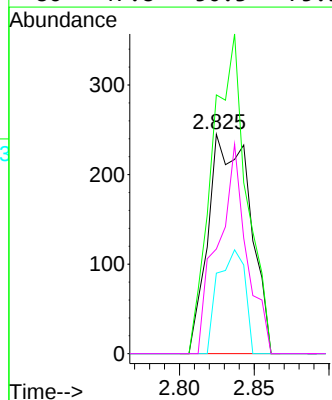
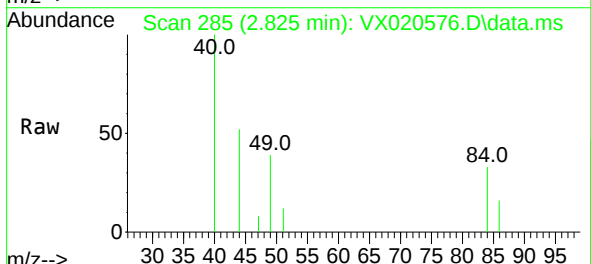
Instrument :
MSVOA_X
ClientSampleId :
MW-120

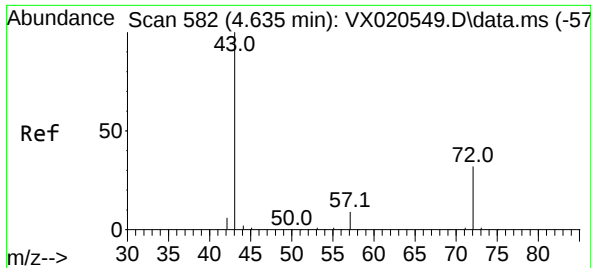
Tgt Ion: 43 Resp: 1428
Ion Ratio Lower Upper
43 100
58 30.9 27.8 41.8



#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.825 min Scan# 285
Delta R.T. -0.006 min
Lab File: VX020576.D
Acq: 12 Jan 2021 13:50

Tgt Ion: 84 Resp: 474
Ion Ratio Lower Upper
84 100
49 118.0 88.6 132.8
51 36.7 27.0 40.6
86 47.8 50.3 75.5#

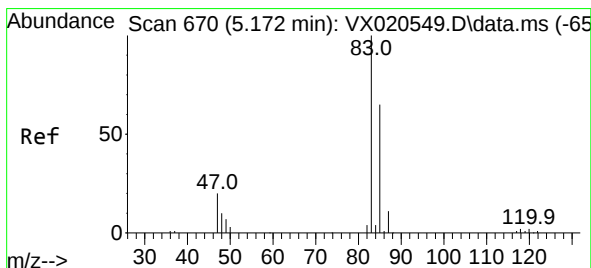
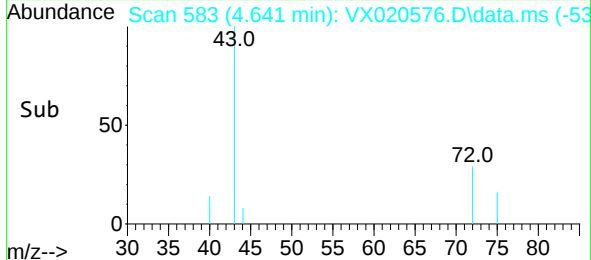
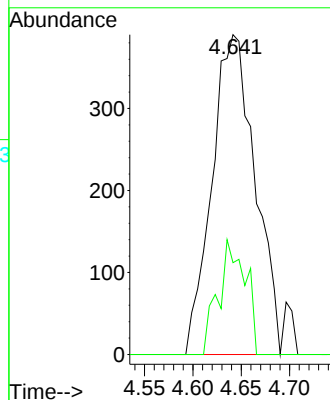
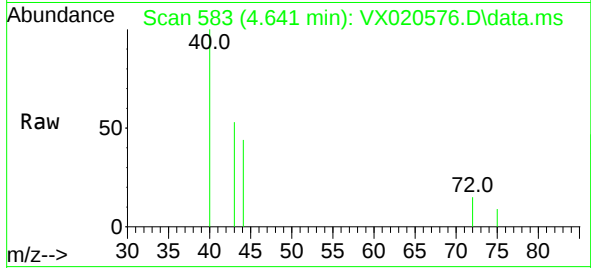




#25
2-Butanone
Concen: 1.00 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.006 min
Lab File: VX020576.D
Acq: 12 Jan 2021 13:50

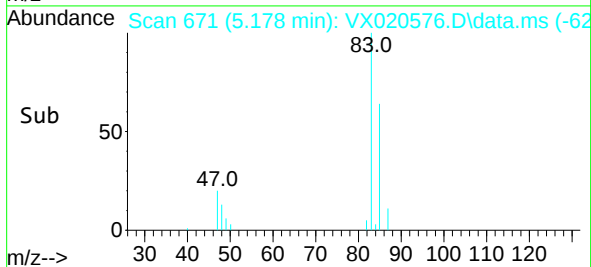
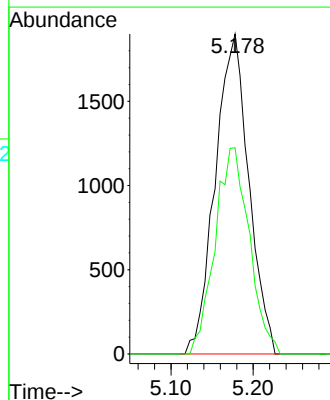
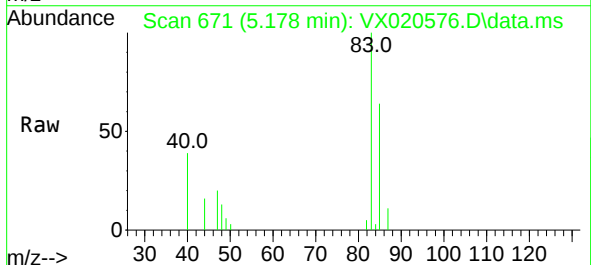
Instrument :
MSVOA_X
ClientSampled :
MW-120

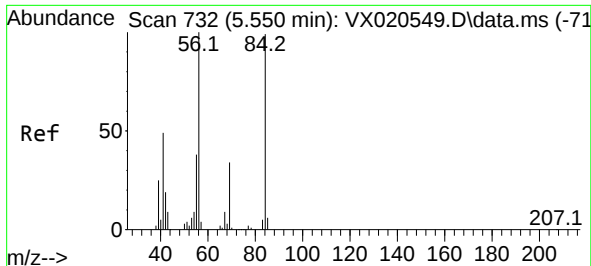
Tgt Ion: 43 Resp: 1209
Ion Ratio Lower Upper
43 100
72 28.7 23.7 35.5



#30
Chloroform
Concen: 1.46 ug/l
RT: 5.178 min Scan# 671
Delta R.T. 0.006 min
Lab File: VX020576.D
Acq: 12 Jan 2021 13:50

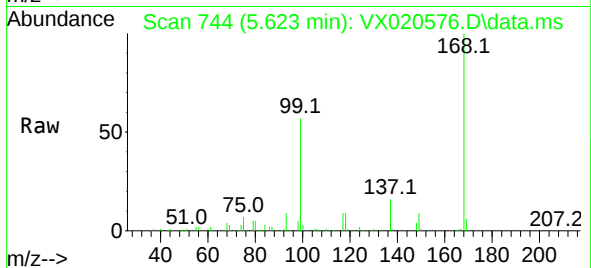
Tgt Ion: 83 Resp: 5390
Ion Ratio Lower Upper
83 100
85 64.5 52.0 78.0



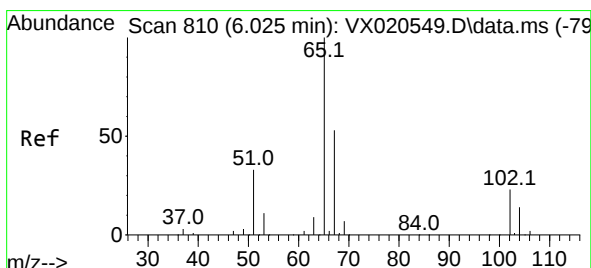
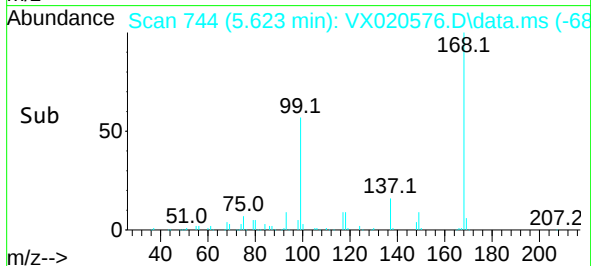
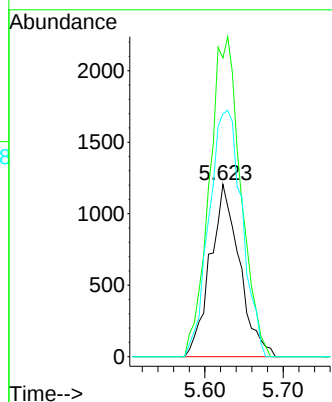


#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.073 min
Lab File: VX020576.D
Acq: 12 Jan 2021 13:50

Instrument :
MSVOA_X
ClientSampleId :
MW-120

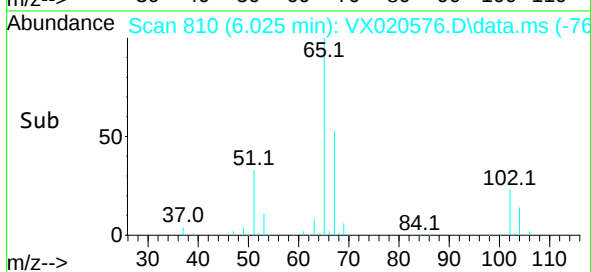
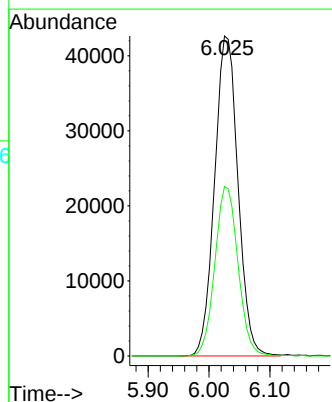
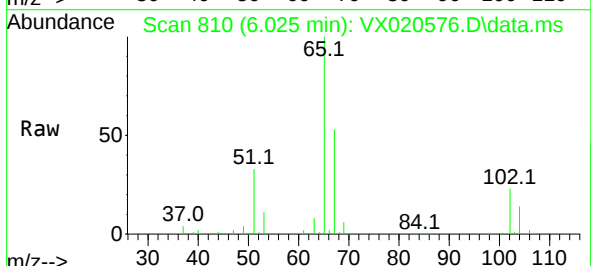


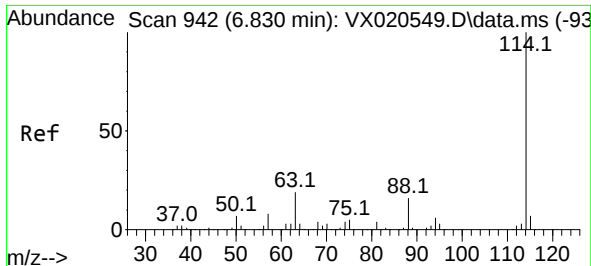
Tgt Ion: 56 Resp: 3130
Ion Ratio Lower Upper
56 100
69 173.4 25.3 37.9#
84 140.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.95 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020576.D
Acq: 12 Jan 2021 13:50

Tgt Ion: 65 Resp: 113650
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

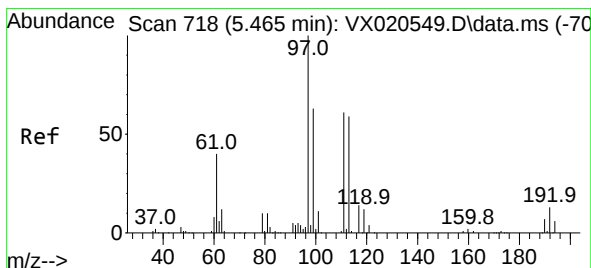
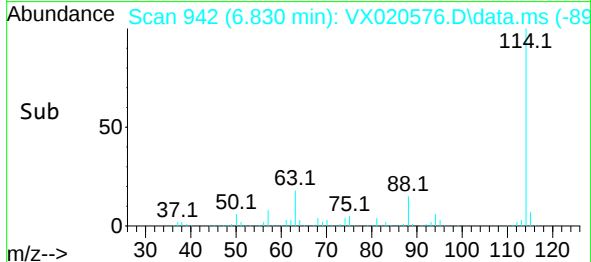
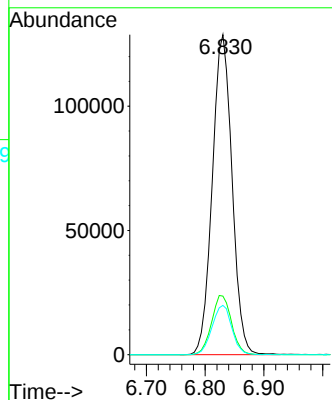
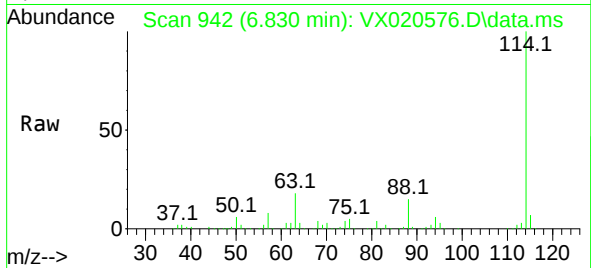




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020576.D
Acq: 12 Jan 2021 13:50

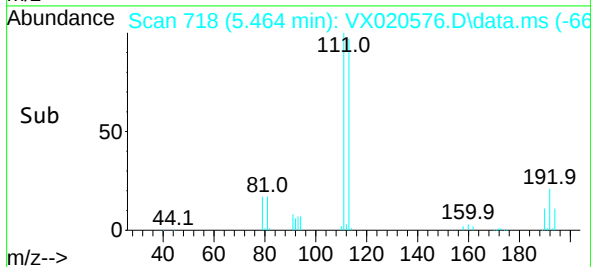
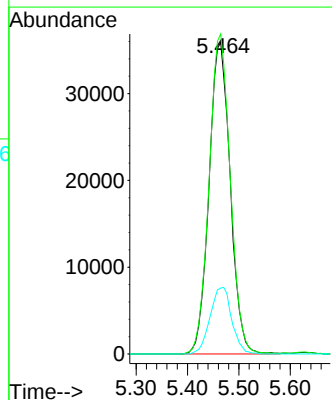
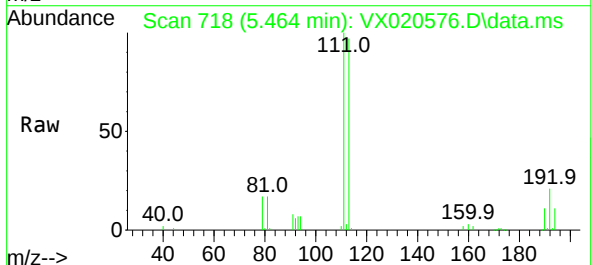
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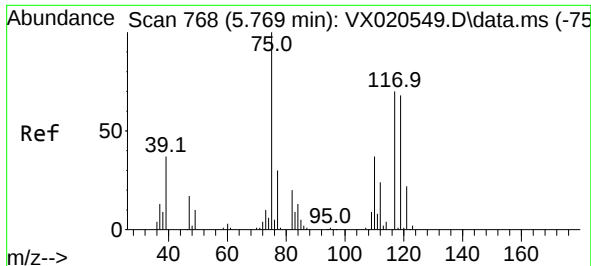
Tgt Ion:114 Resp: 300161
Ion Ratio Lower Upper
114 100
63 18.3 0.0 40.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.44 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020576.D
Acq: 12 Jan 2021 13:50

Tgt Ion:113 Resp: 102835
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 21.8 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.78 ug/l

RT: 5.629 min Scan# 745

Delta R.T. -0.140 min

Lab File: VX020576.D

Acq: 12 Jan 2021 13:50

Tgt Ion: 75 Resp: 13122

Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.4#

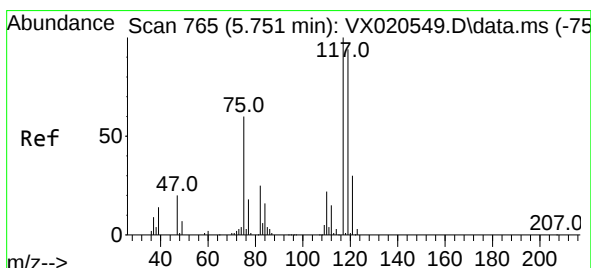
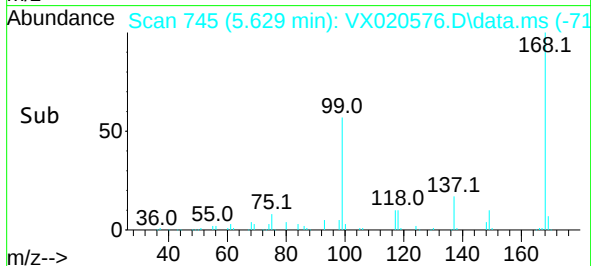
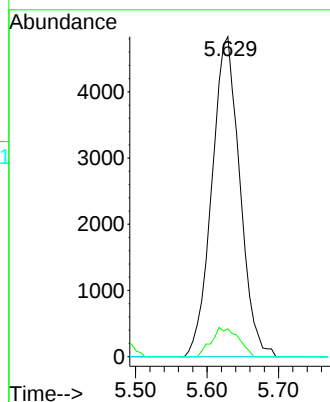
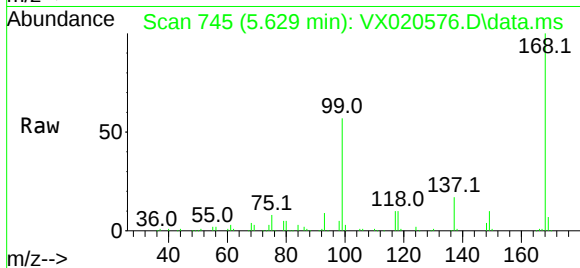
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :

MW-120



#38

Carbon Tetrachloride

Concen: 5.58 ug/l

RT: 5.629 min Scan# 745

Delta R.T. -0.122 min

Lab File: VX020576.D

Acq: 12 Jan 2021 13:50

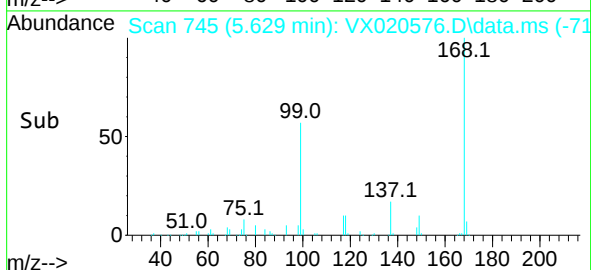
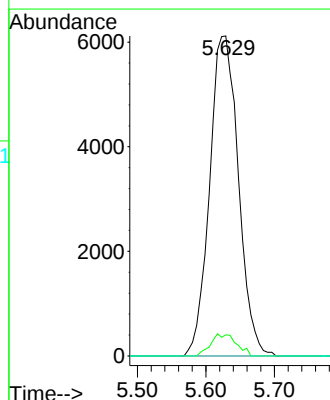
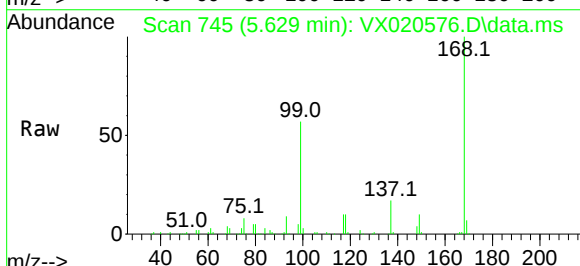
Tgt Ion: 117 Resp: 17850

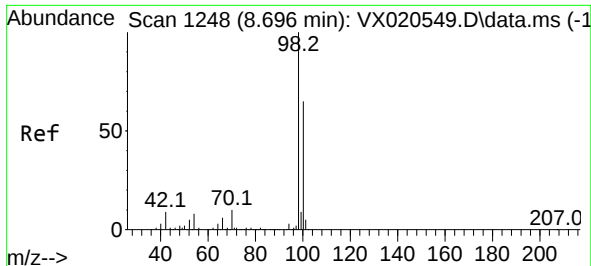
Ion Ratio Lower Upper

117 100

119 6.6 76.2 114.2#

121 0.0 24.8 37.2#

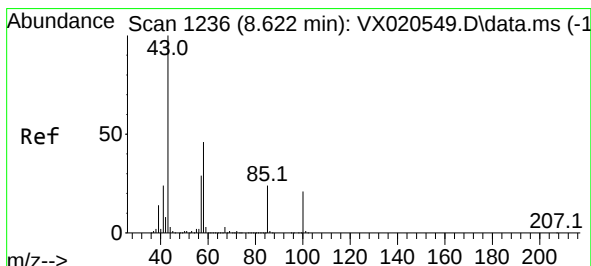
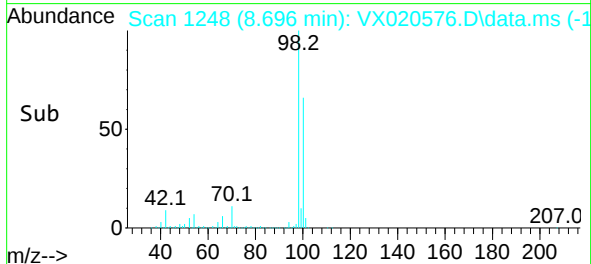
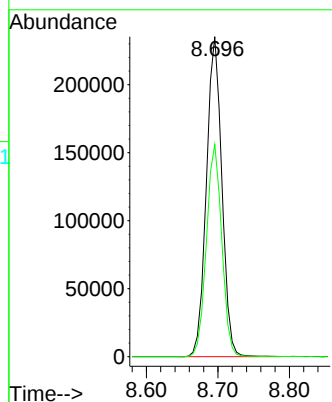
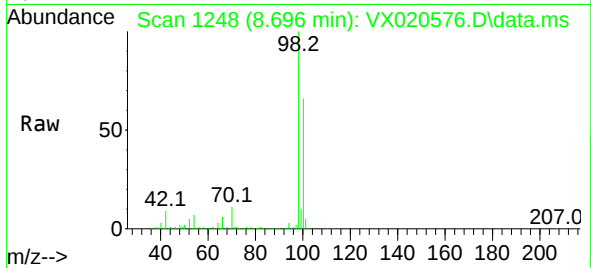




#50
Toluene-d8
Concen: 47.48 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020576.D
Acq: 12 Jan 2021 13:50

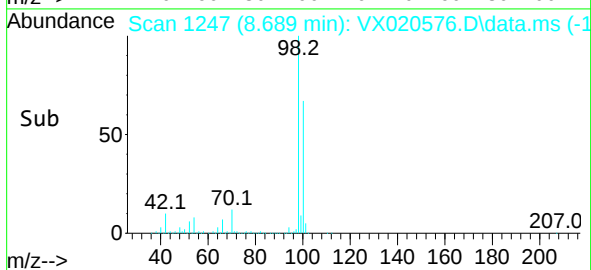
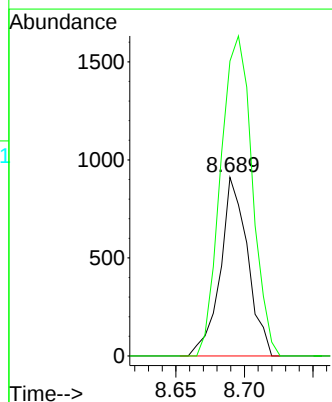
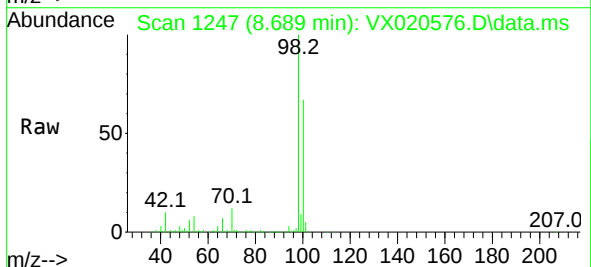
Instrument :
MSVOA_X
ClientSampleId :
MW-120

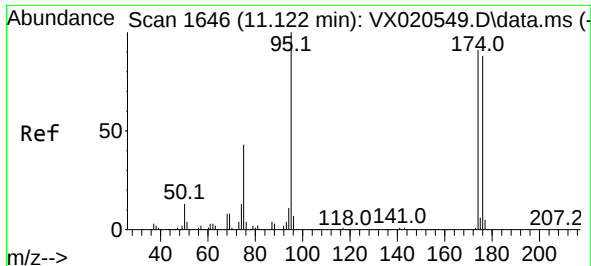
Tgt Ion: 98 Resp: 353335
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.53 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.067 min
Lab File: VX020576.D
Acq: 12 Jan 2021 13:50

Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
58 207.1 35.4 53.0#

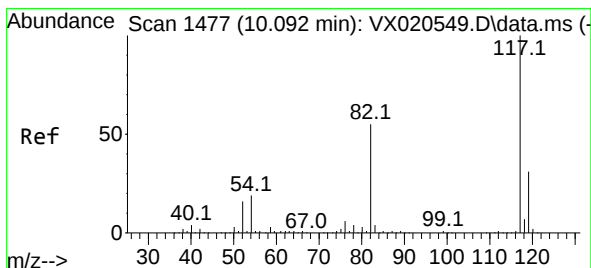
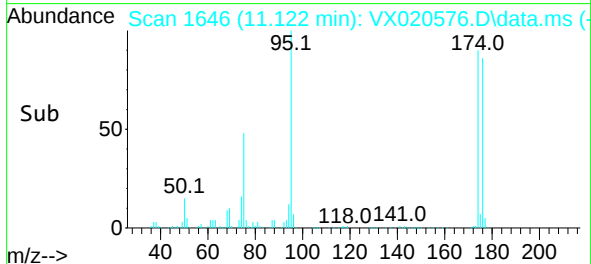
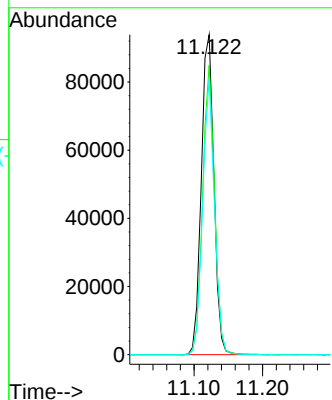
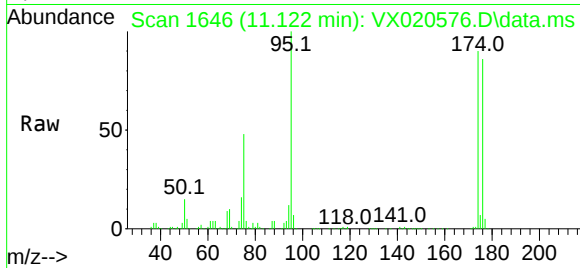




#62
4-Bromofluorobenzene
Concen: 45.84 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020576.D
Acq: 12 Jan 2021 13:50

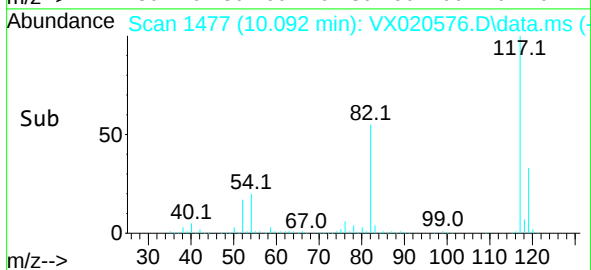
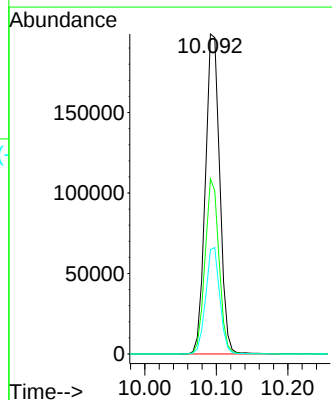
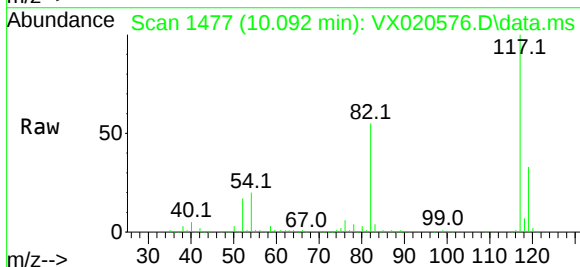
Instrument :
MSVOA_X
ClientSampleId :
MW-120

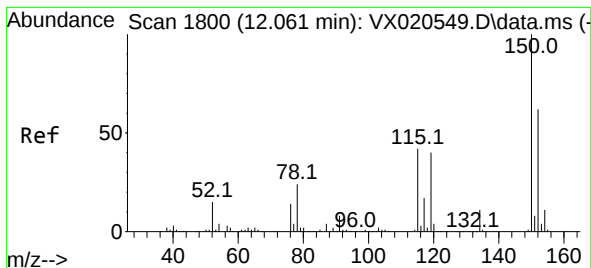
Tgt Ion: 95 Resp: 120476
Ion Ratio Lower Upper
95 100
174 86.6 0.0 154.6
176 81.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020576.D
Acq: 12 Jan 2021 13:50

Tgt Ion: 117 Resp: 277856
Ion Ratio Lower Upper
117 100
82 54.8 47.4 71.2
119 32.6 26.6 39.8

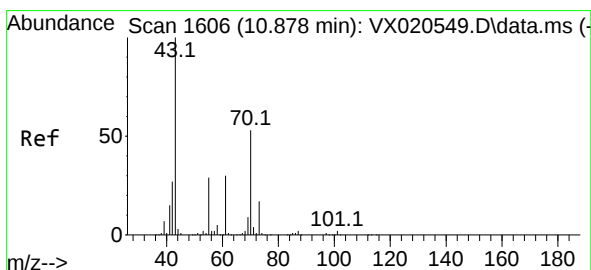
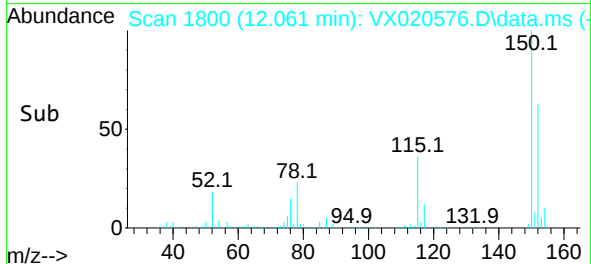
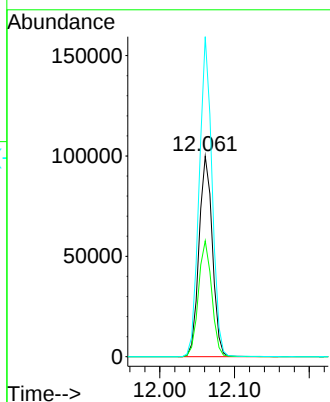
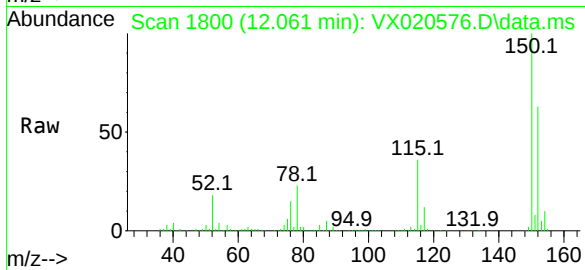




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020576.D
Acq: 12 Jan 2021 13:50

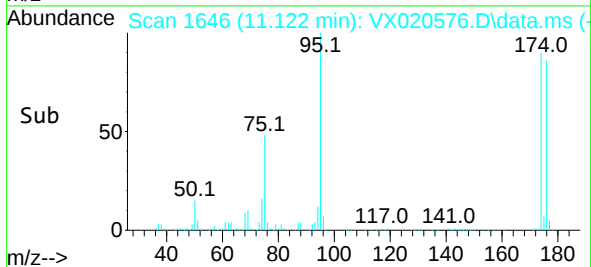
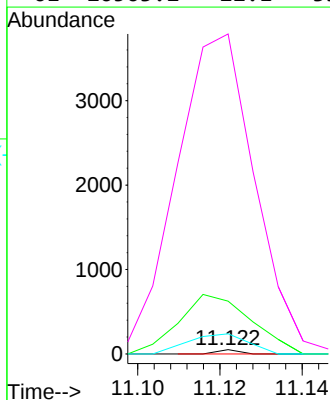
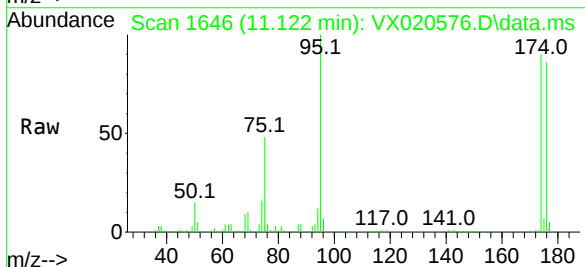
Instrument :
MSVOA_X
ClientSampleId :
MW-120

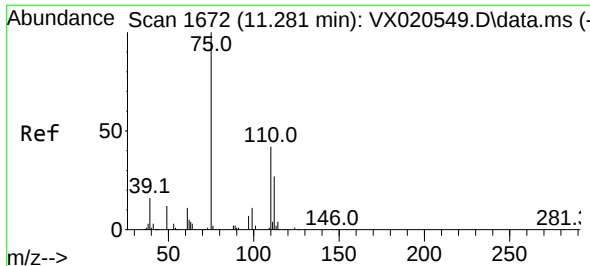
Tgt Ion:152 Resp: 123833
Ion Ratio Lower Upper
152 100
115 57.5 41.1 123.3
150 153.6 0.0 349.0



#74
N-ethyl acetate
Concen: 1.24 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.244 min
Lab File: VX020576.D
Acq: 12 Jan 2021 13:50

Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
70 4536.8 39.0 58.6#
55 1278.9 21.5 32.3#
61 26563.2 22.1 33.1#

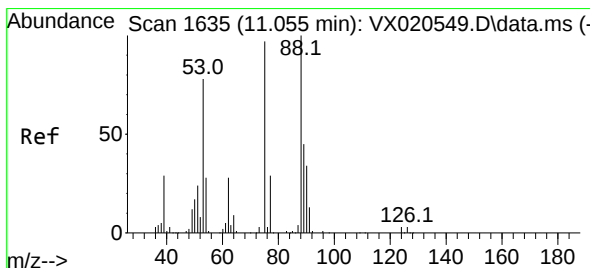
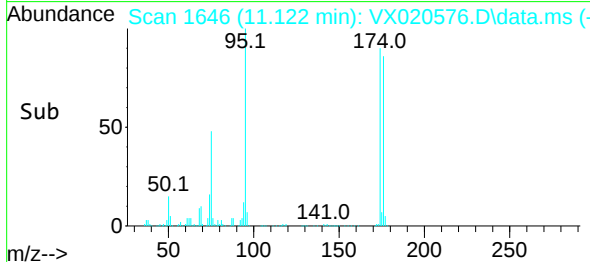
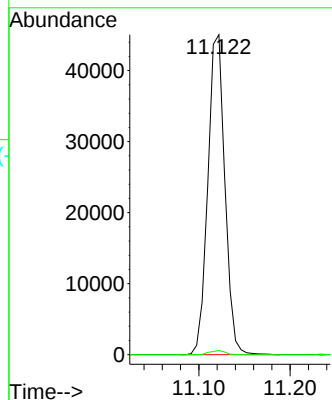
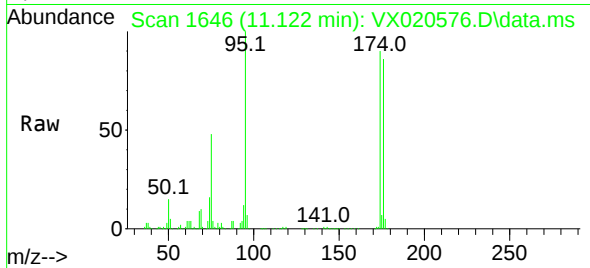




#76
1,2,3-Trichloropropane
Concen: 22.31 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020576.D
Acq: 12 Jan 2021 13:50

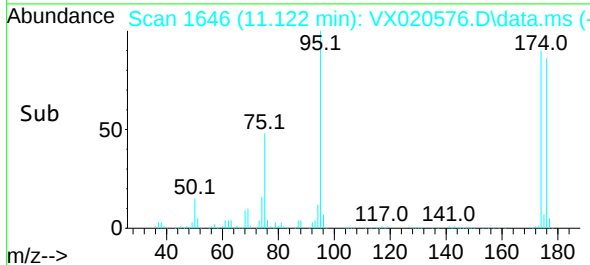
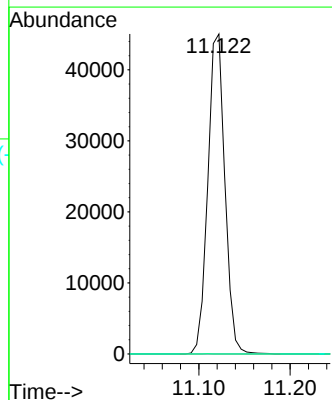
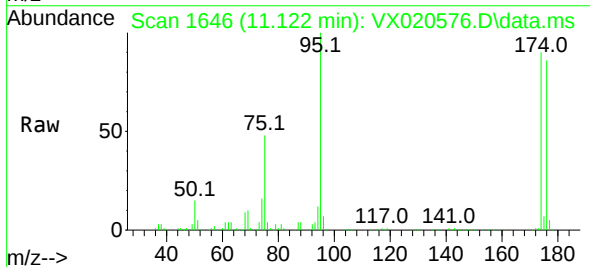
Instrument :
MSVOA_X
ClientSampled :
MW-120

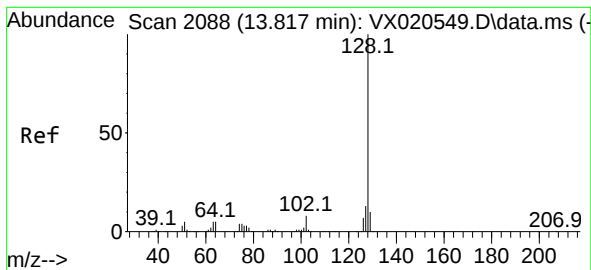
Tgt Ion: 75 Resp: 58197
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.78 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020576.D
Acq: 12 Jan 2021 13:50

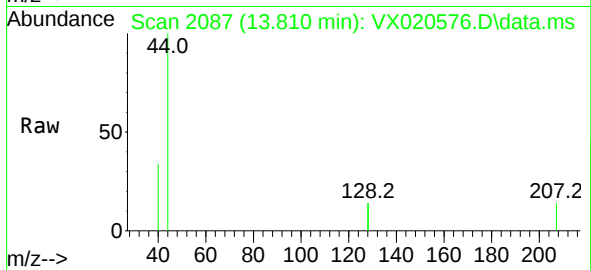
Tgt Ion: 75 Resp: 58197
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
 Naphthalene
 Concen: 3.86 ug/l
 RT: 13.810 min Scan# 2087
 Delta R.T. -0.007 min
 Lab File: VX020576.D
 Acq: 12 Jan 2021 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-120



Tgt Ion:	128	Resp:	195
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

