

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020233.D
 Acq On : 20 Dec 2020 16:46
 Operator : JC/MD
 Sample : L5095-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MW113-121420

Quant Time: Dec 21 02:53:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	286436	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	471910	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	440044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	188707	50.00	ug/l	0.00

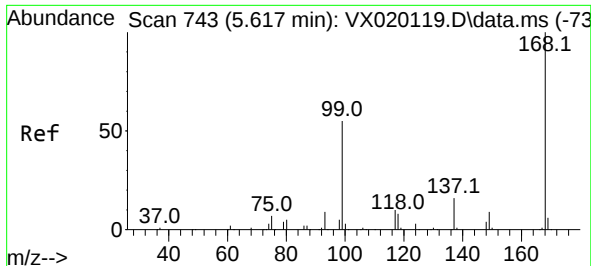
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	188561	49.11	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.22%
35) Dibromofluoromethane	5.464	113	150050	49.70	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.40%
50) Toluene-d8	8.696	98	578203	49.76	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.52%
62) 4-Bromofluorobenzene	11.122	95	202390	45.51	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.02%

Target Compounds						Qvalue
5) Bromomethane	1.581	94	377	0.30	ug/l #	75
10) Methyl Iodide	2.489	142	111	3.31	ug/l #	42
11) Tert butyl alcohol	3.002	59	767	0.89	ug/l #	73
16) Acetone	2.416	43	1548	0.88	ug/l #	62
31) Cyclohexane	5.629	56	5462	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	21239	4.55	ug/l #	49
38) Carbon Tetrachloride	5.623	117	28090	6.33	ug/l #	17
51) 4-Methyl-2-Pentanone	8.696	43	2422	0.51	ug/l #	1
76) 1,2,3-Trichloropropane	11.116	75	99461	21.40	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	99461	63.48	ug/l #	12

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

Quant Time: Dec 21 02:53:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

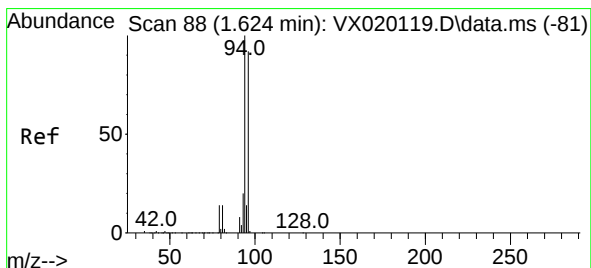
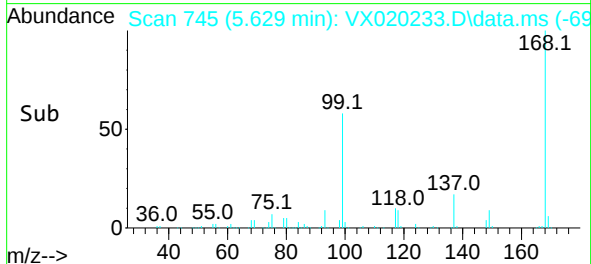
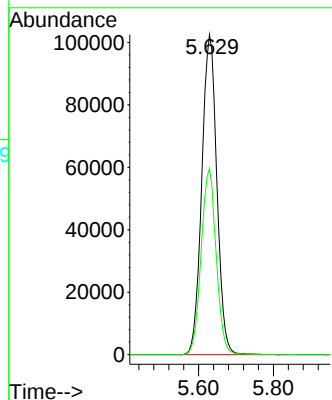
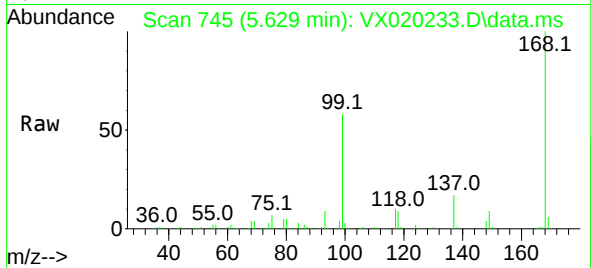




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020233.D
Acq: 20 Dec 2020 16:46

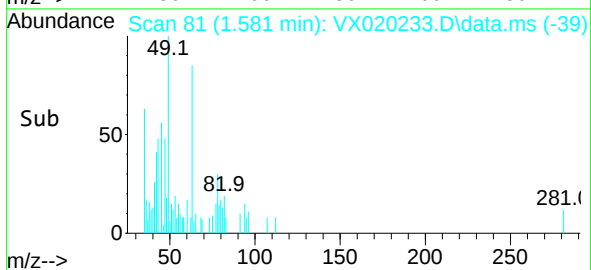
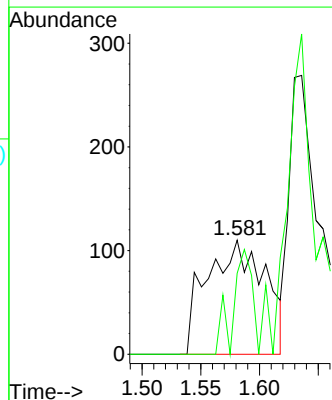
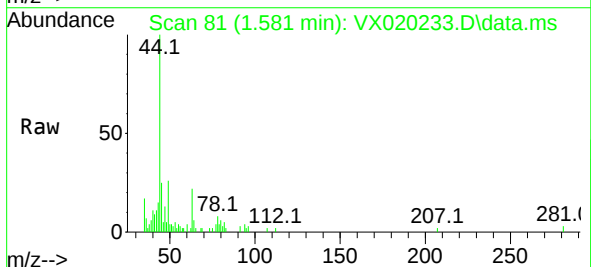
Instrument :
MSVOA_X
ClientSampleId :
39-MW113-121420

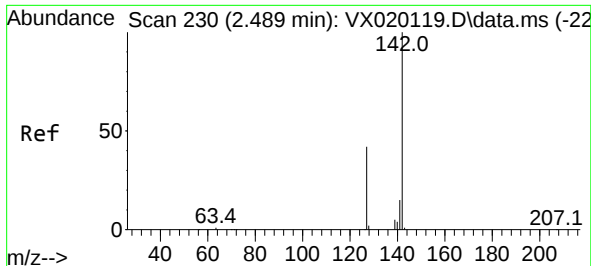
Tgt Ion:168 Resp: 286436
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



#5
Bromomethane
Concen: 0.30 ug/l
RT: 1.581 min Scan# 81
Delta R.T. -0.043 min
Lab File: VX020233.D
Acq: 20 Dec 2020 16:46

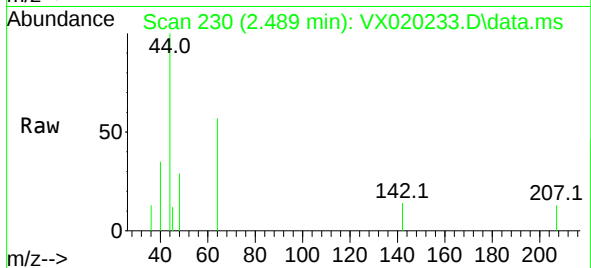
Tgt Ion: 94 Resp: 377
Ion Ratio Lower Upper
94 100
96 70.9 76.4 114.6#



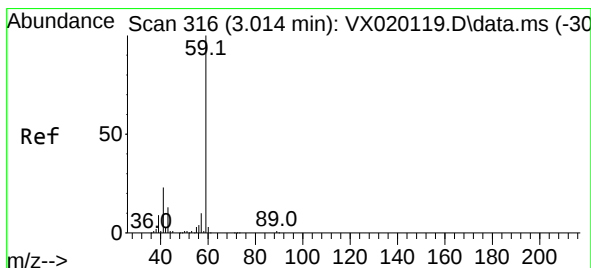
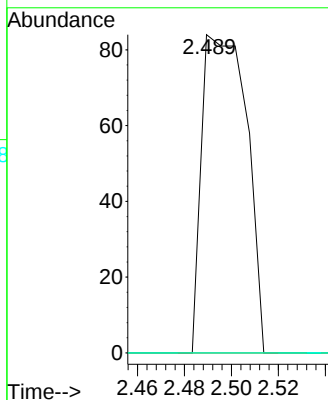
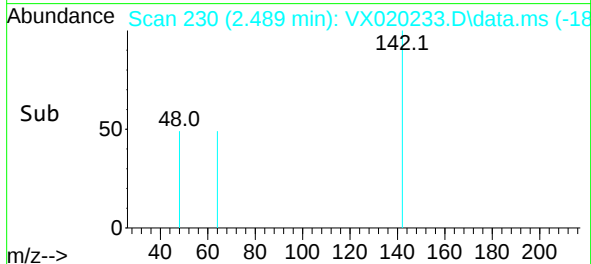


#10
Methyl Iodide
Concen: 3.31 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020233.D
Acq: 20 Dec 2020 16:46

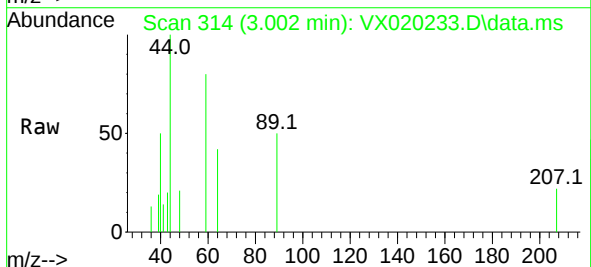
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ClientSampleId :
39-MW113-121420



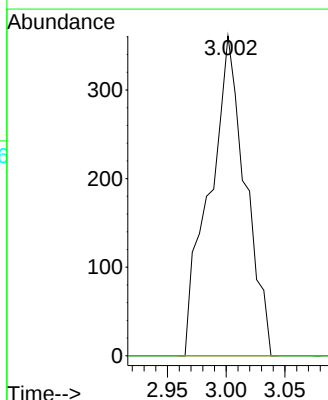
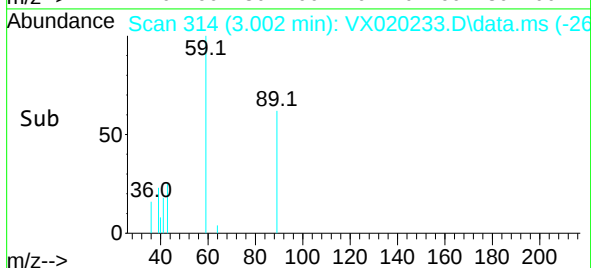
Tgt Ion:142 Resp: 111
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

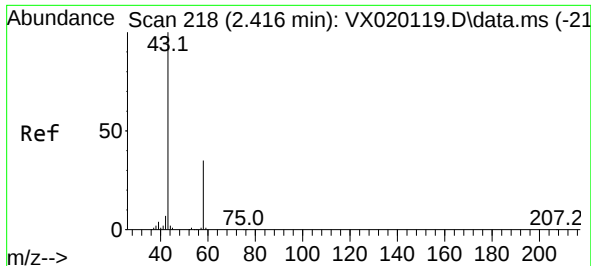


#11
Tert butyl alcohol
Concen: 0.89 ug/l
RT: 3.002 min Scan# 314
Delta R.T. -0.012 min
Lab File: VX020233.D
Acq: 20 Dec 2020 16:46



Tgt Ion: 59 Resp: 767
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

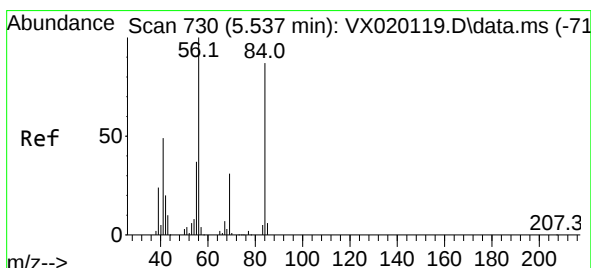
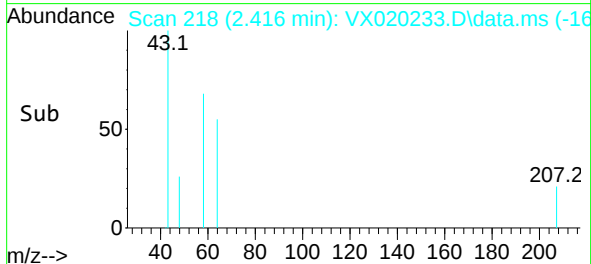
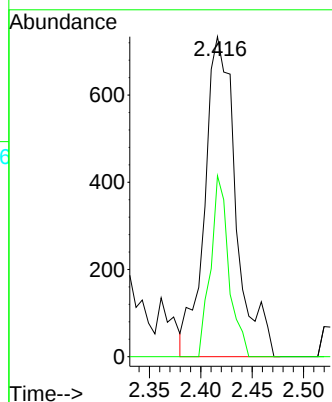
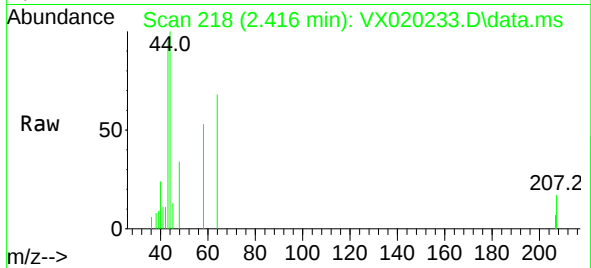




#16
Acetone
Concen: 0.88 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020233.D
Acq: 20 Dec 2020 16:46

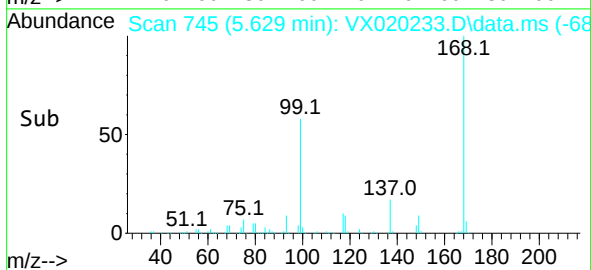
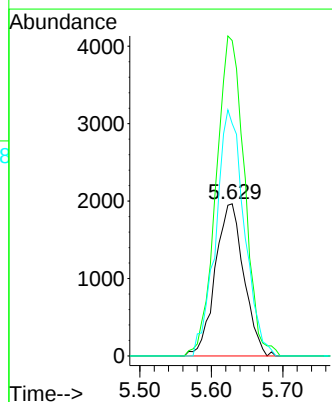
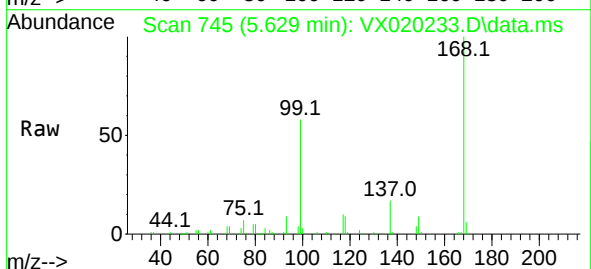
Instrument :
MSVOA_X
ClientSampleId :
39-MW113-121420

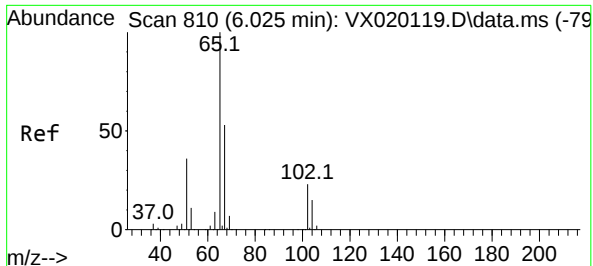
Tgt Ion: 43 Resp: 1548
Ion Ratio Lower Upper
43 100
58 56.5 27.8 41.8#



#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020233.D
Acq: 20 Dec 2020 16:46

Tgt Ion: 56 Resp: 5462
Ion Ratio Lower Upper
56 100
69 207.3 25.3 37.9#
84 152.7 71.4 107.0#

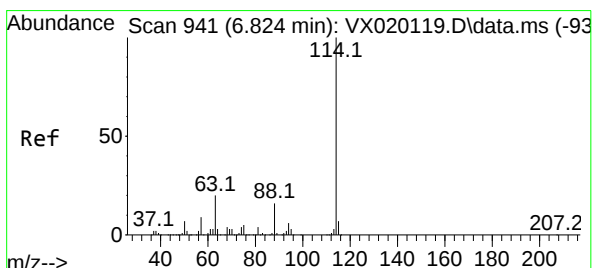
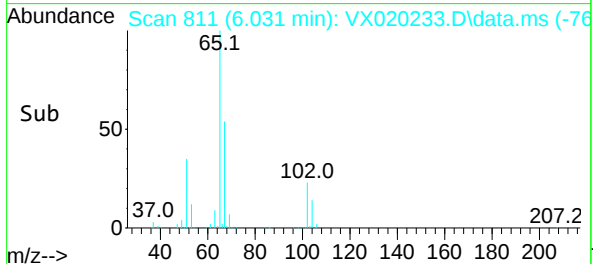
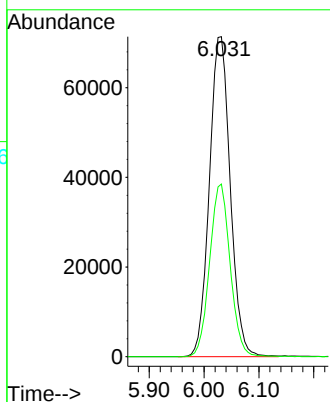
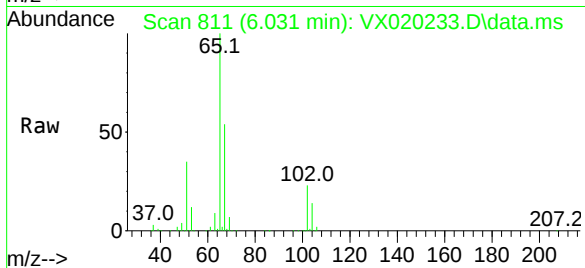




#33
1,2-Dichloroethane-d4
Concen: 49.11 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020233.D
Acq: 20 Dec 2020 16:46

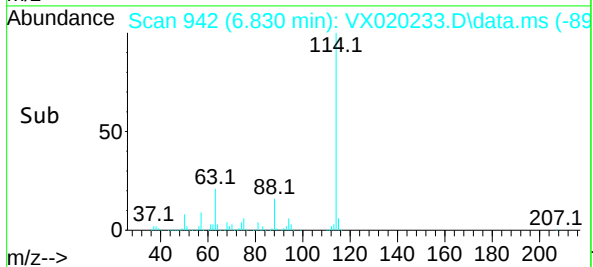
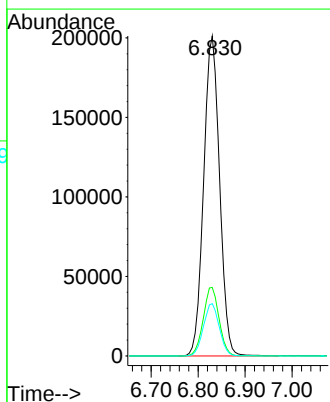
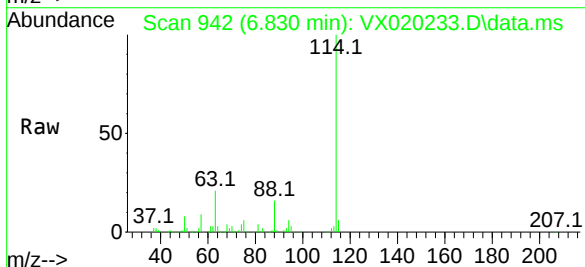
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ClientSampleId :
39-MW113-121420

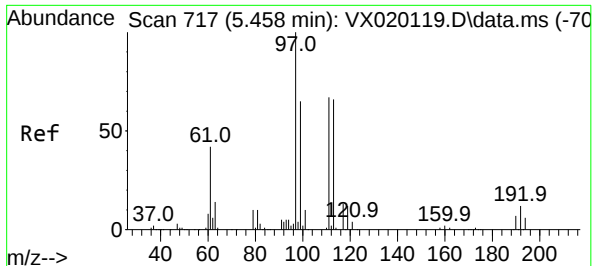
Tgt Ion: 65 Resp: 188561
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020233.D
Acq: 20 Dec 2020 16:46

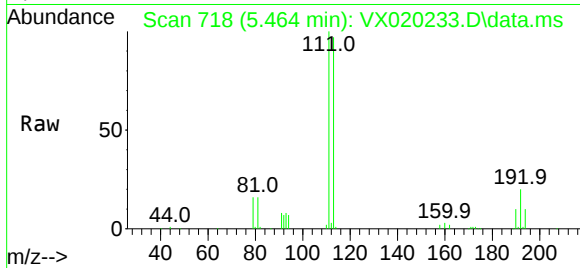
Tgt Ion: 114 Resp: 471910
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 16.3 0.0 32.8



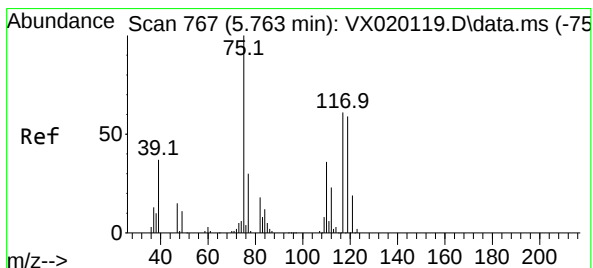
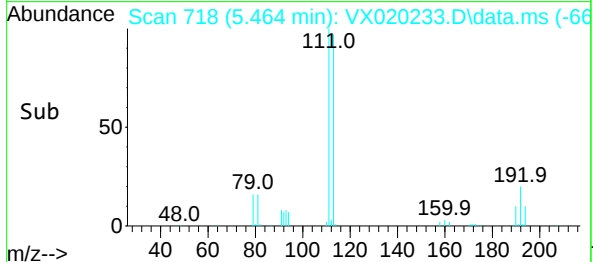
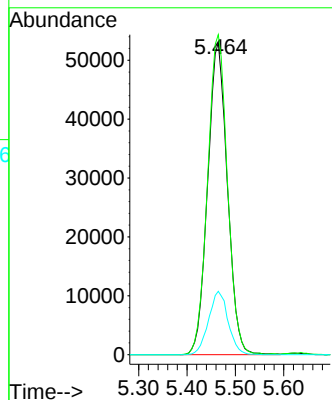


#35
Dibromofluoromethane
Concen: 49.70 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020233.D
Acq: 20 Dec 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
39-MW113-121420

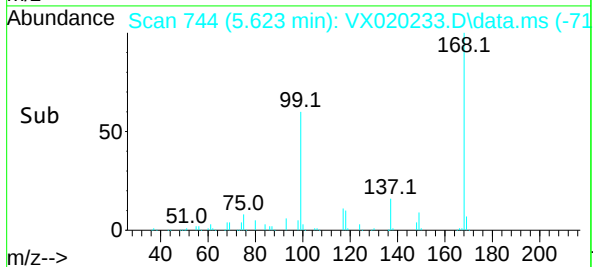
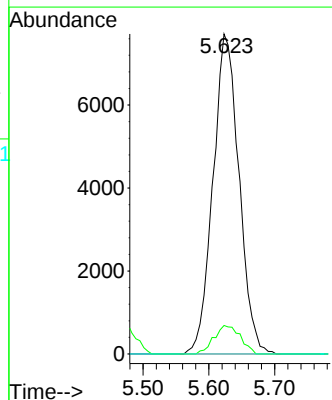
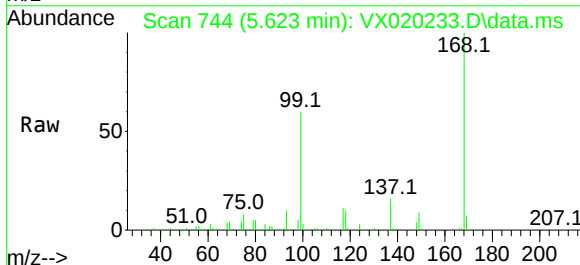


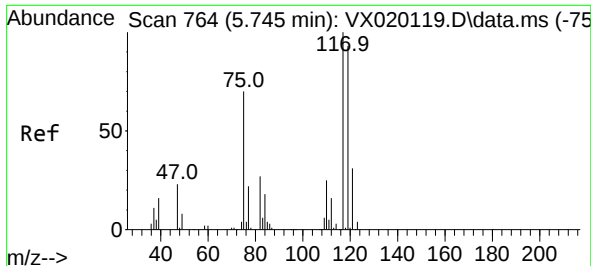
Tgt Ion:113 Resp: 150050
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 20.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020233.D
Acq: 20 Dec 2020 16:46

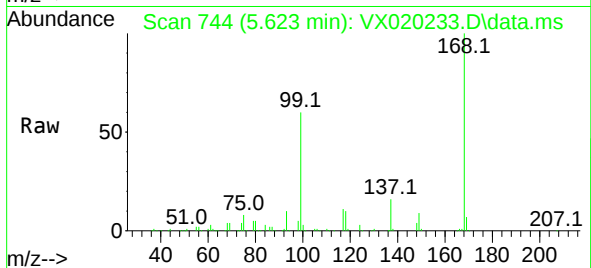
Tgt Ion: 75 Resp: 21239
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



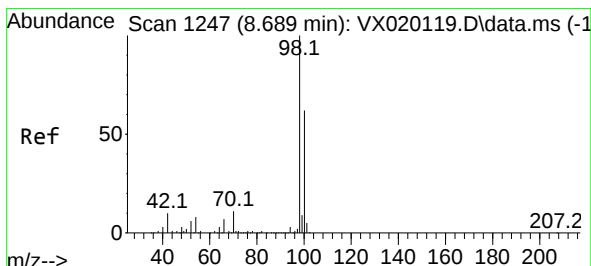
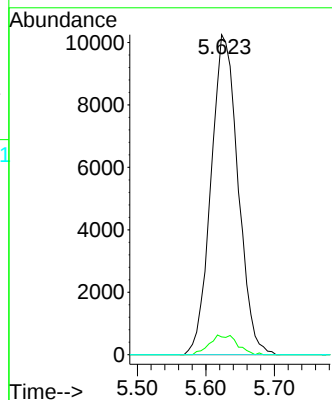
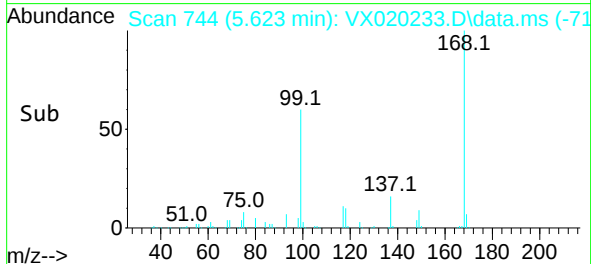


#38
Carbon Tetrachloride
Concen: 6.33 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020233.D
Acq: 20 Dec 2020 16:46

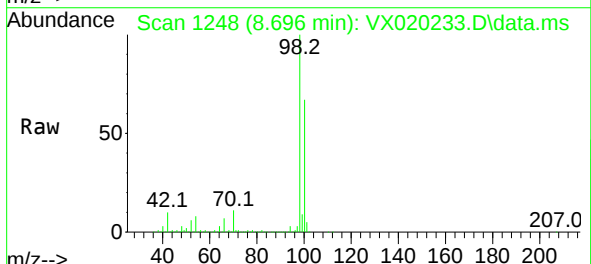
Instrument :
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39-MW113-121420



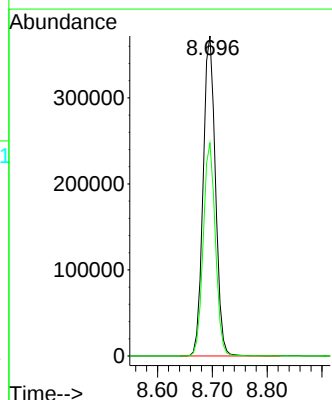
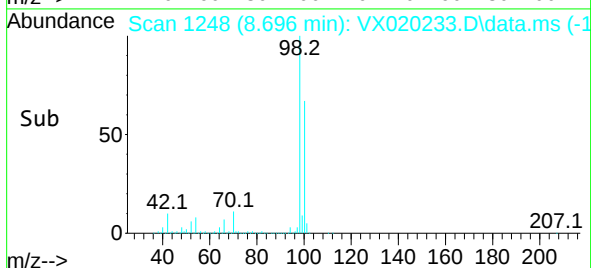
Tgt Ion:117 Resp: 28090
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

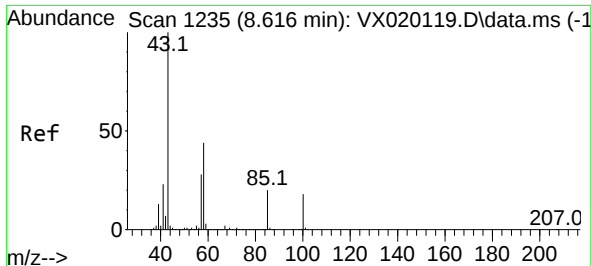


#50
Toluene-d8
Concen: 49.76 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020233.D
Acq: 20 Dec 2020 16:46



Tgt Ion: 98 Resp: 578203
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

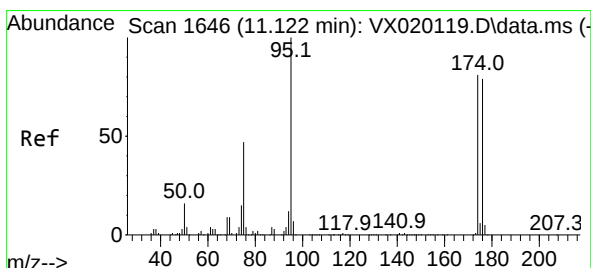
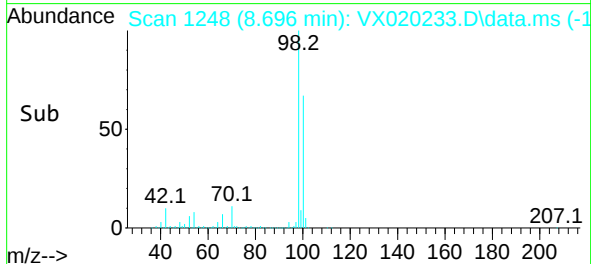
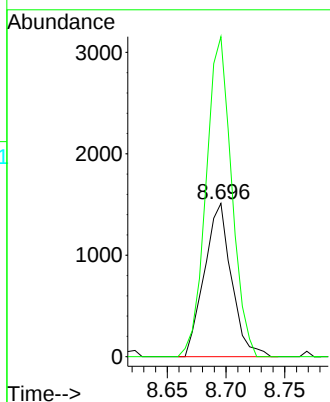
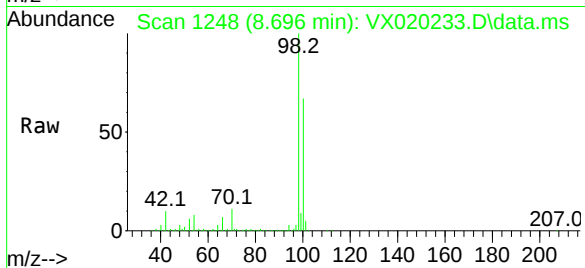




#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020233.D
Acq: 20 Dec 2020 16:46

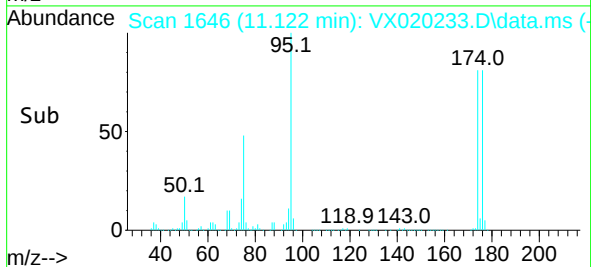
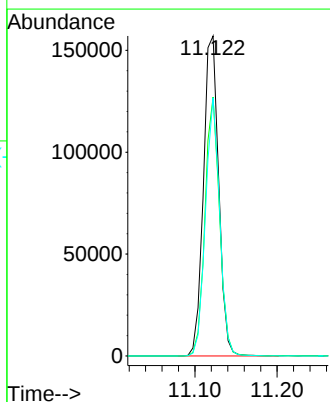
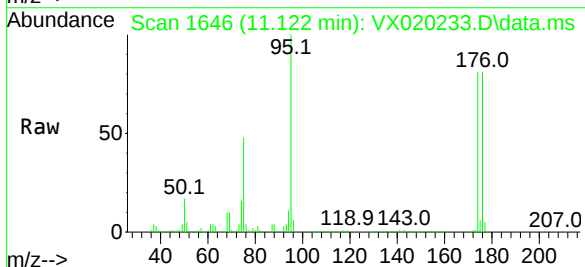
Instrument :
MSVOA_X
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39-MW113-121420

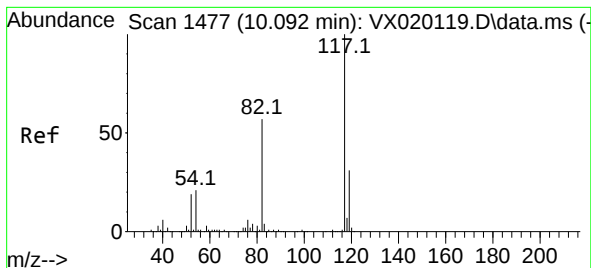
Tgt Ion: 43 Resp: 2422
Ion Ratio Lower Upper
43 100
58 197.1 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.51 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020233.D
Acq: 20 Dec 2020 16:46

Tgt Ion: 95 Resp: 202390
Ion Ratio Lower Upper
95 100
174 76.8 0.0 154.6
176 75.1 0.0 155.8

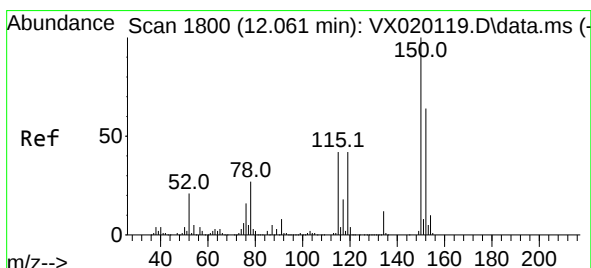
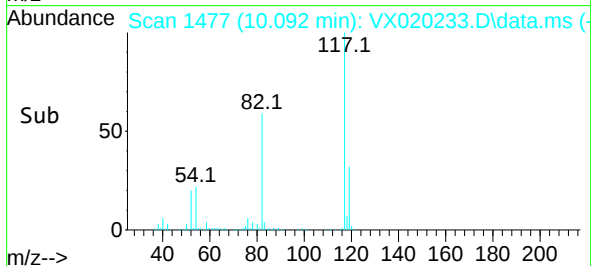
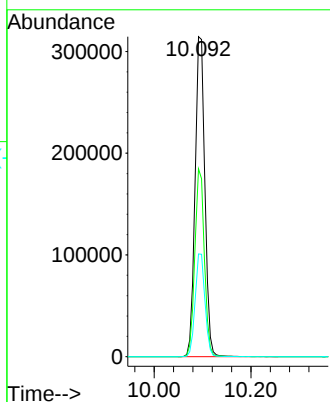
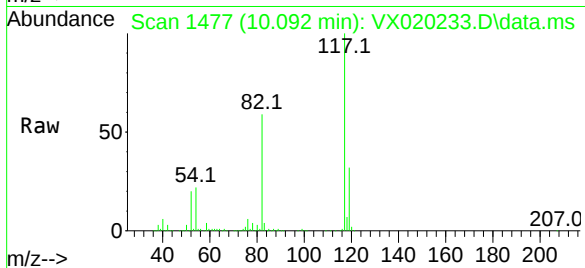




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020233.D
Acq: 20 Dec 2020 16:46

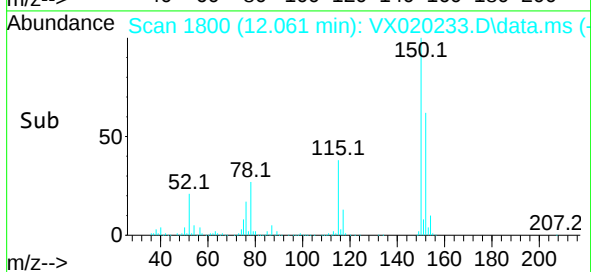
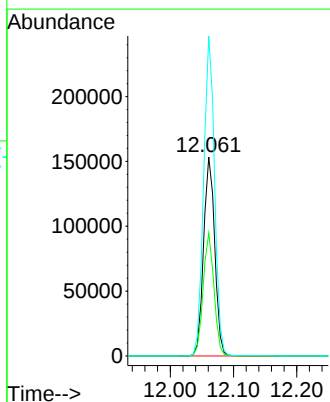
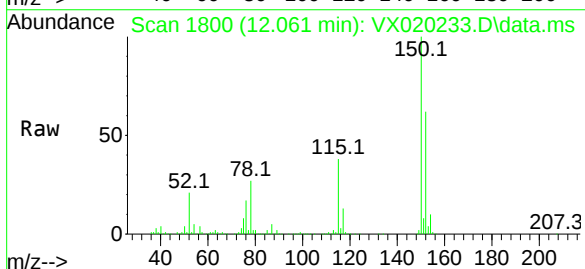
Instrument :
MSVOA_X
ClientSampleId :
39-MW113-121420

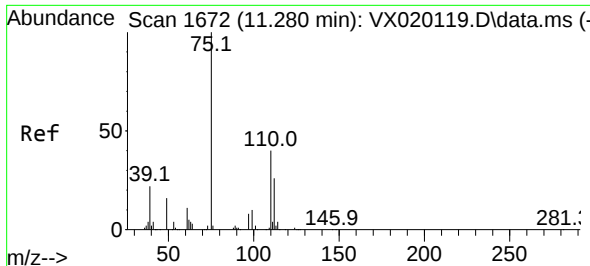
Tgt Ion:117 Resp: 440044
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020233.D
Acq: 20 Dec 2020 16:46

Tgt Ion:152 Resp: 188707
Ion Ratio Lower Upper
152 100
115 60.0 41.1 123.3
150 157.2 0.0 349.0

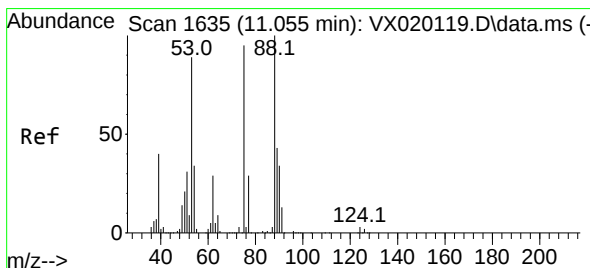
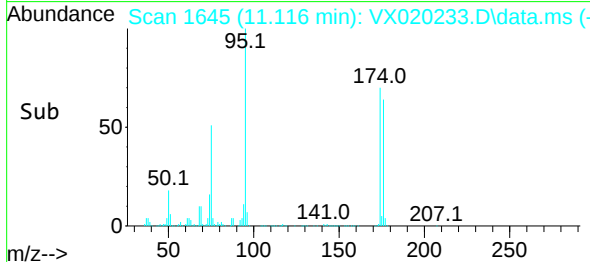
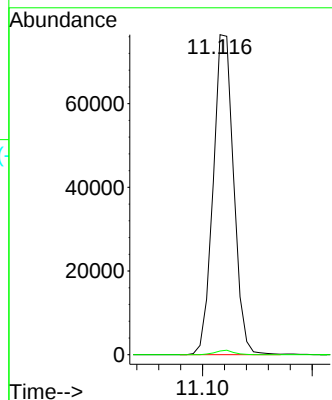
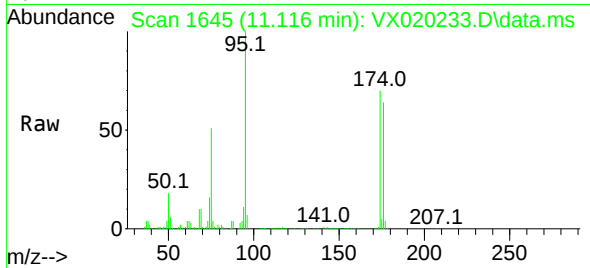




#76
1,2,3-Trichloropropane
Concen: 21.40 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020233.D
Acq: 20 Dec 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
39-MW113-121420

Tgt Ion: 75 Resp: 99461
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.48 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020233.D
Acq: 20 Dec 2020 16:46

Tgt Ion: 75 Resp: 99461
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

