

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020306.D
 Acq On : 22 Dec 2020 16:16
 Operator : JC/MD
 Sample : L5123-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D1-20201213

Quant Time: Dec 23 00:32:15 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)

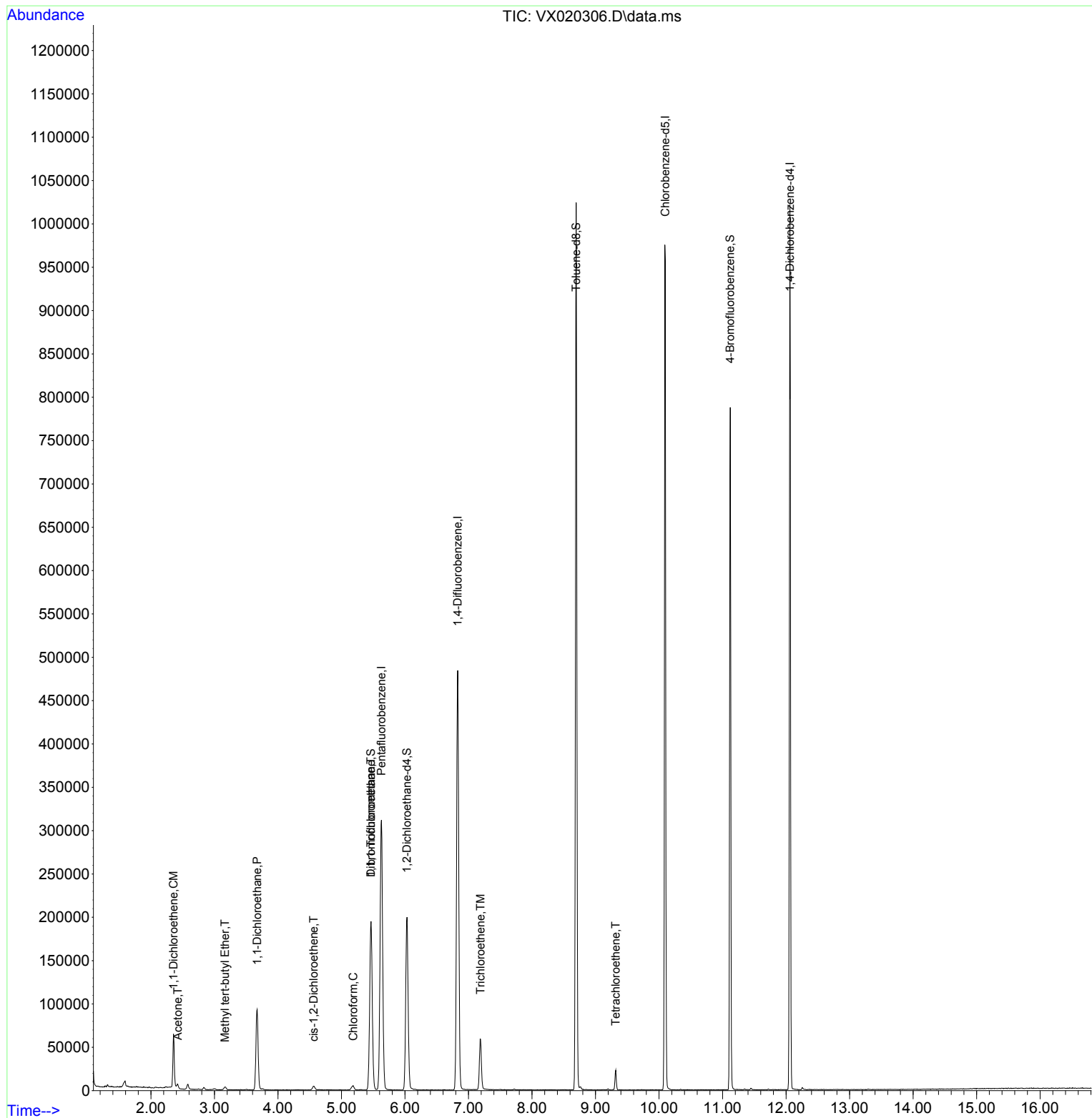
Internal Standards						
1) Pentafluorobenzene	5.629	168	301128	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	496721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	462556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	203435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	191449	47.43	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.86%		
35) Dibromofluoromethane	5.464	113	155489	48.93	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.86%		
50) Toluene-d8	8.695	98	599517	49.02	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.04%		
62) 4-Bromofluorobenzene	11.122	95	220530	47.11	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.22%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.355	96	19799	6.44	ug/l	97
16) Acetone	2.422	43	5625	3.06	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	3822	0.33	ug/l	96
24) 1,1-Dichloroethane	3.672	63	107557	16.39	ug/l	99
27) cis-1,2-Dichloroethene	4.562	96	3048	0.72	ug/l	91
30) Chloroform	5.184	83	6045	0.90	ug/l	98
32) 1,1,1-Trichloroethane	5.464	97	15009	2.69	ug/l	99
44) Trichloroethene	7.189	130	23382	5.92	ug/l	100
64) Tetrachloroethene	9.317	164	4355	1.25	ug/l	98

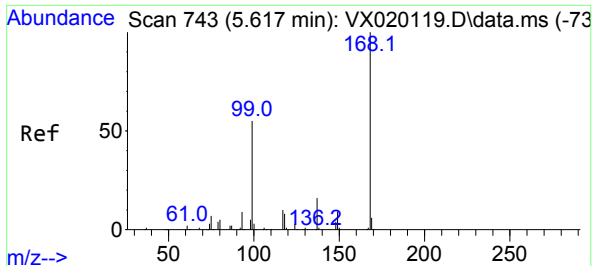
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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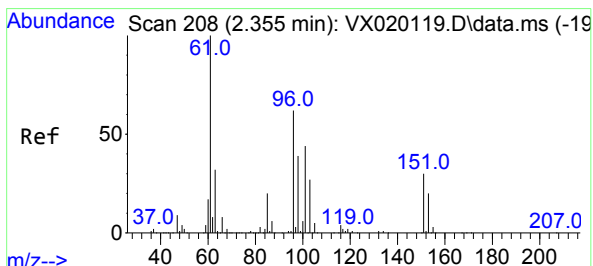
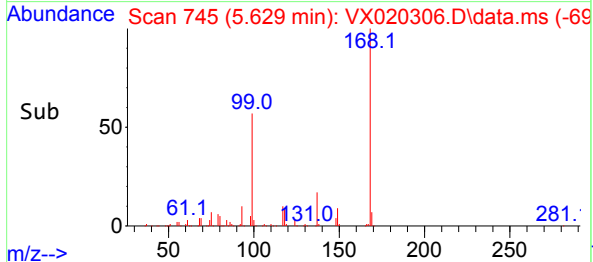
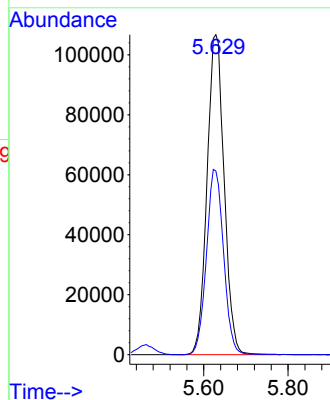
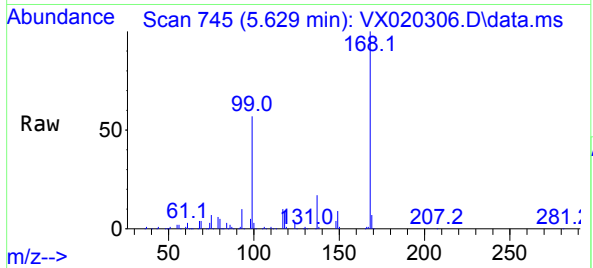




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

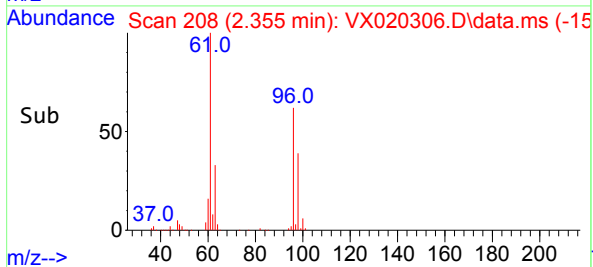
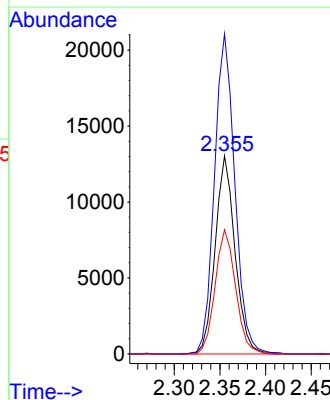
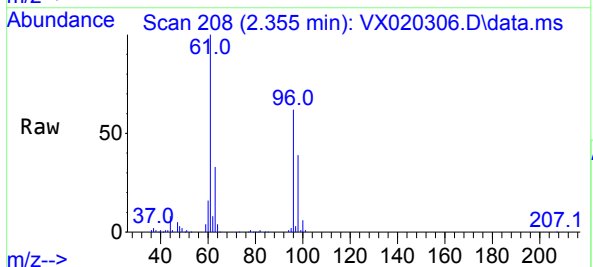
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20201213

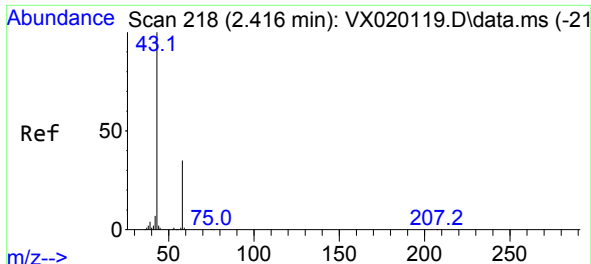
Tgt Ion:168 Resp: 301128
Ion Ratio Lower Upper
168 100
99 57.4 45.8 68.6



#12
1,1-Dichloroethene
Concen: 6.44 ug/l
RT: 2.355 min Scan# 208
Delta R.T. -0.000 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

Tgt Ion: 96 Resp: 19799
Ion Ratio Lower Upper
96 100
61 161.6 124.6 187.0
98 62.7 50.6 76.0

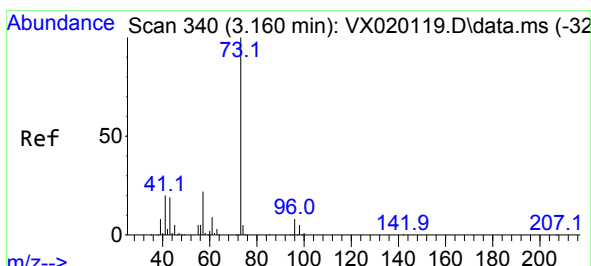
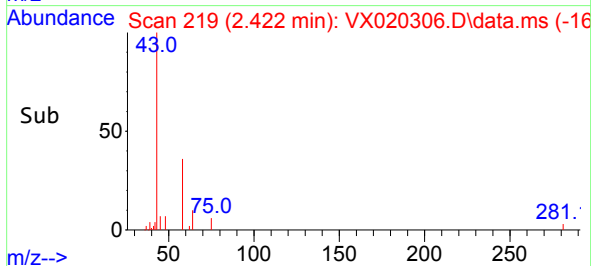
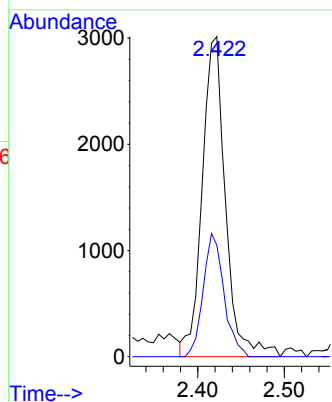
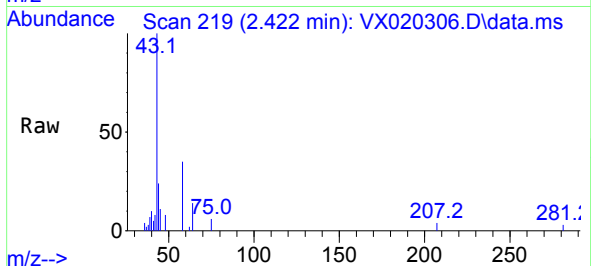




#16
Acetone
Concen: 3.06 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

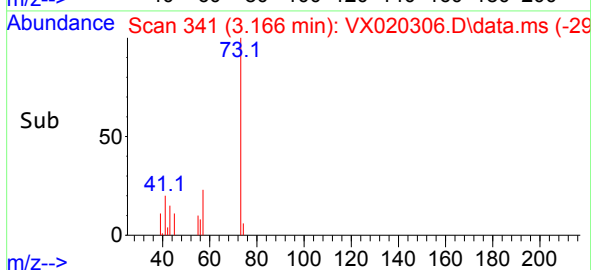
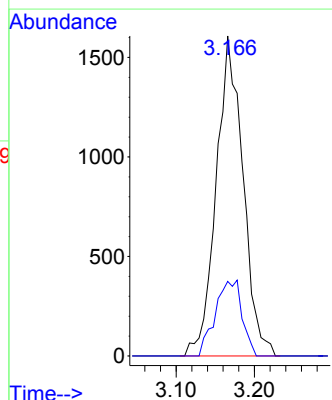
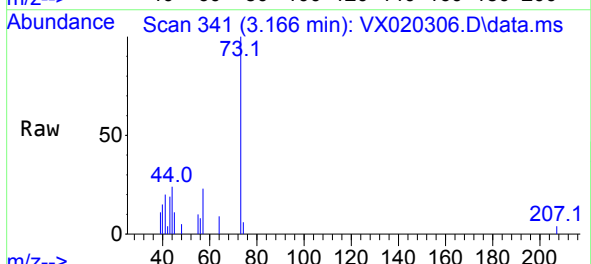
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20201213

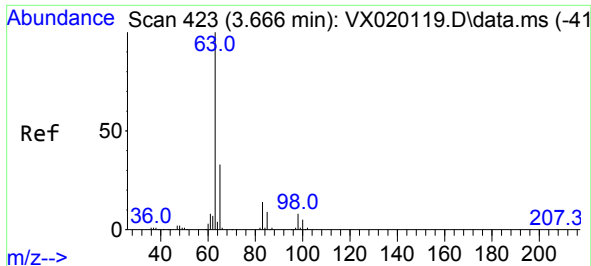
Tgt Ion: 43 Resp: 5625
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.8



#19
Methyl tert-butyl Ether
Concen: 0.33 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.006 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

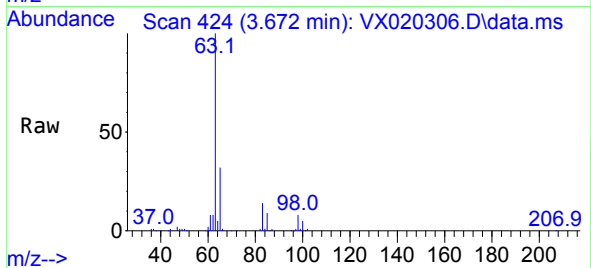
Tgt Ion: 73 Resp: 3822
Ion Ratio Lower Upper
73 100
57 23.3 17.1 25.7



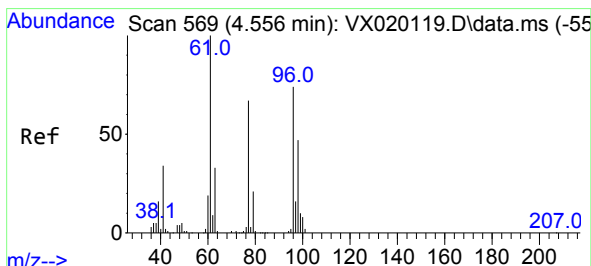
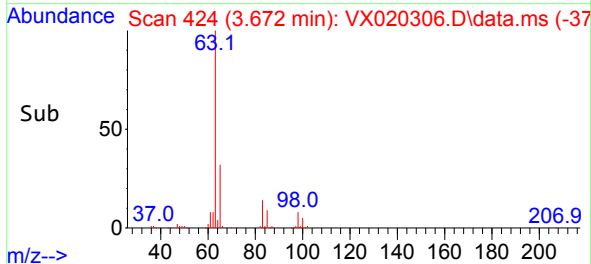
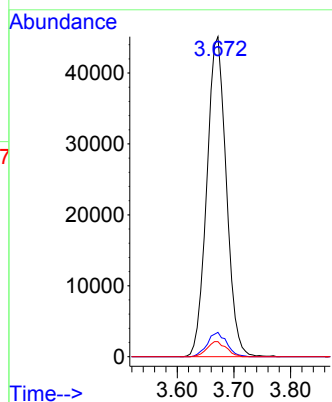


#24
1,1-Dichloroethane
Concen: 16.39 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20201213

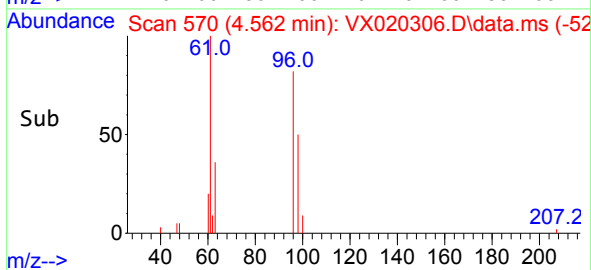
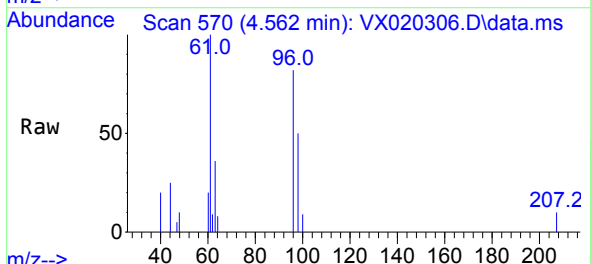
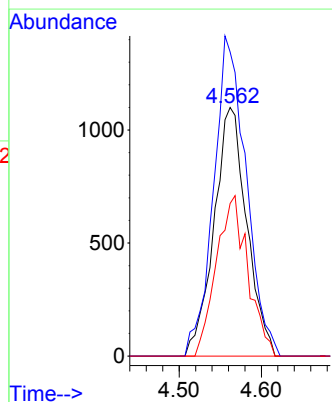


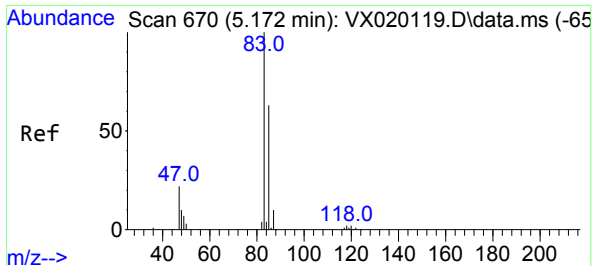
Tgt Ion: 63 Resp: 107557
Ion Ratio Lower Upper
63 100
98 7.6 3.8 11.2
100 4.7 2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 0.72 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

Tgt Ion: 96 Resp: 3048
Ion Ratio Lower Upper
96 100
61 127.8 0.0 285.6
98 62.1 0.0 129.6





#30

Chloroform

Concen: 0.90 ug/l

RT: 5.184 min Scan# 672

Delta R.T. 0.012 min

Lab File: VX020306.D

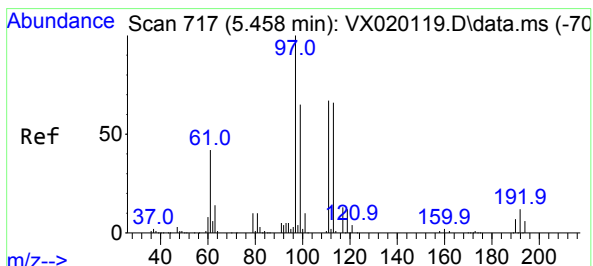
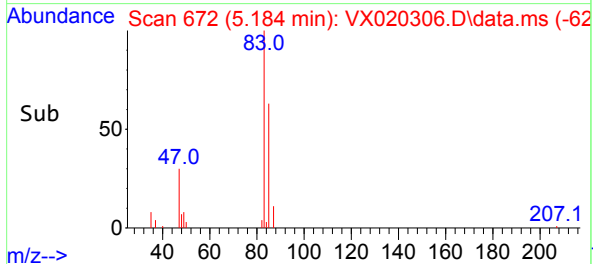
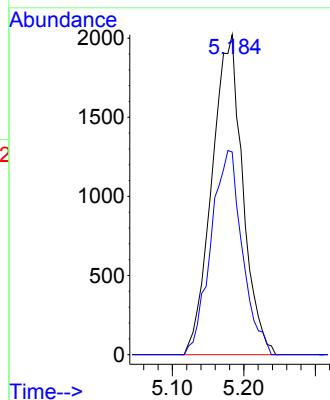
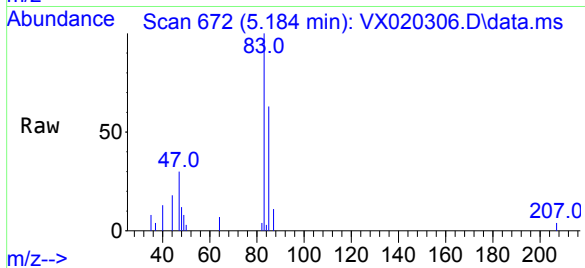
Acq: 22 Dec 2020 16:16

Tgt Ion: 83 Resp: 6045

Ion Ratio Lower Upper

83 100

85 63.4 52.0 78.0



#32

1,1,1-Trichloroethane

Concen: 2.69 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX020306.D

Acq: 22 Dec 2020 16:16

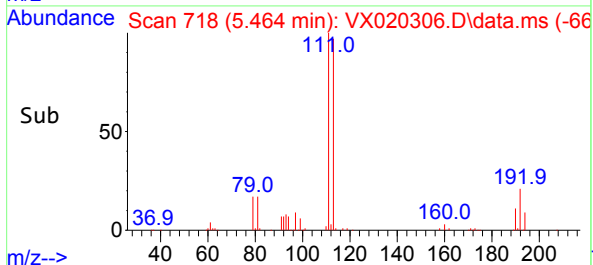
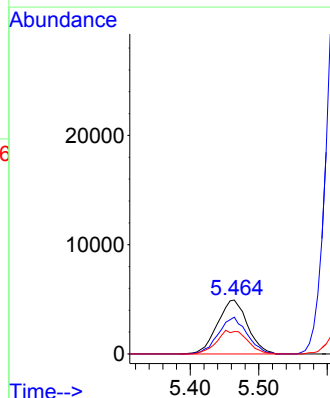
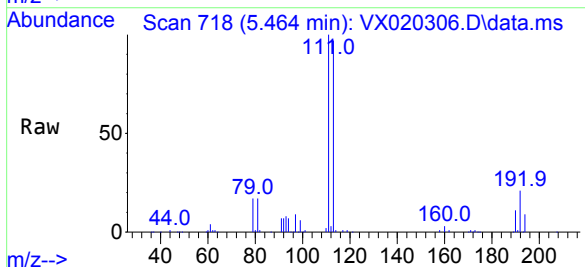
Tgt Ion: 97 Resp: 15009

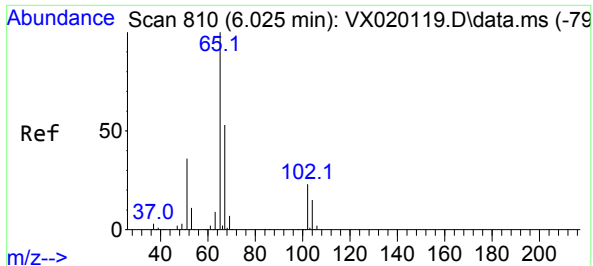
Ion Ratio Lower Upper

97 100

99 64.9 51.5 77.3

61 44.1 34.2 51.4

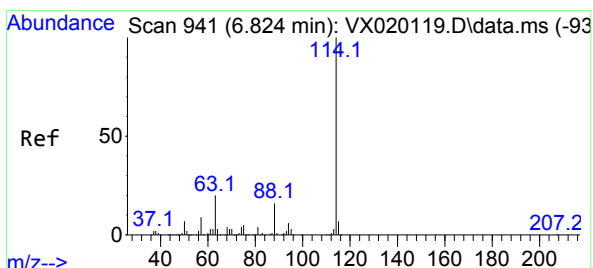
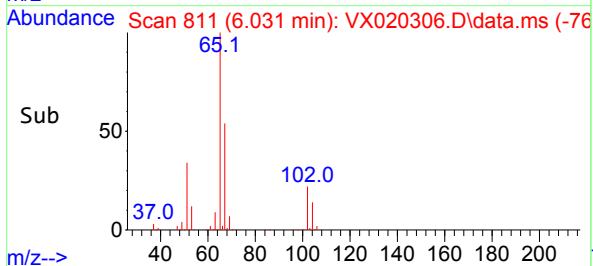
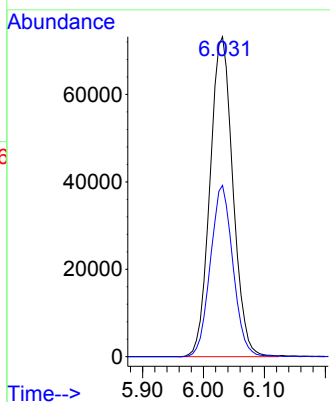
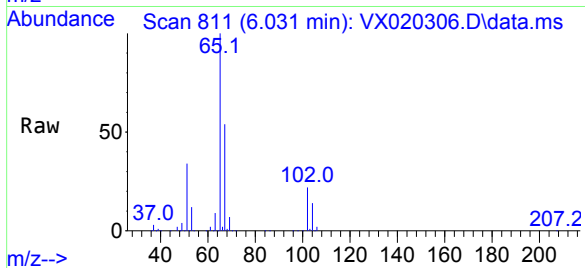




#33
1,2-Dichloroethane-d4
Concen: 47.43 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

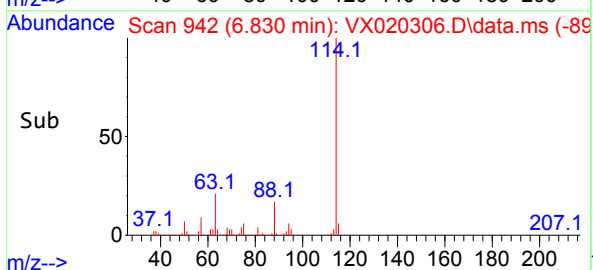
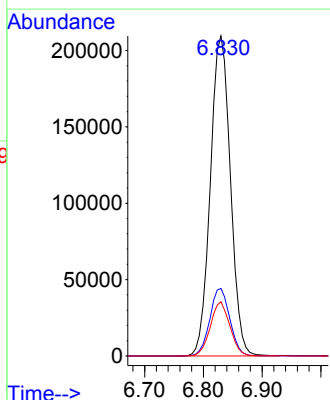
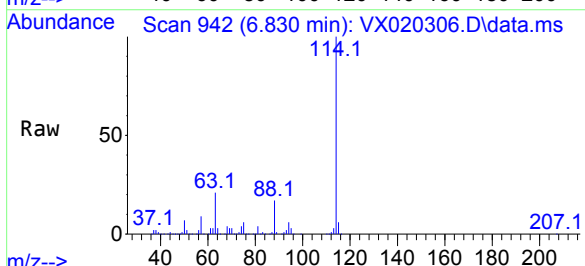
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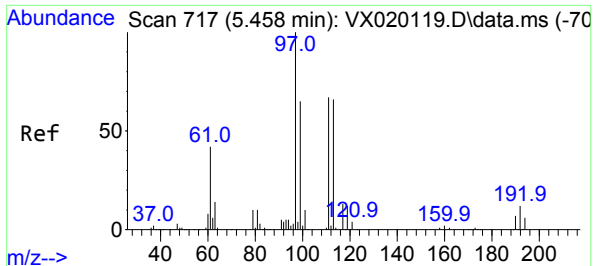
Tgt Ion: 65 Resp: 191449
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

Tgt Ion: 114 Resp: 496721
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 17.0 0.0 32.8

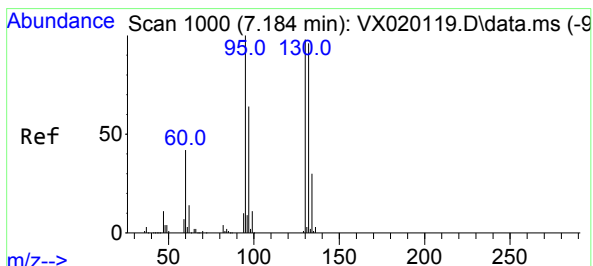
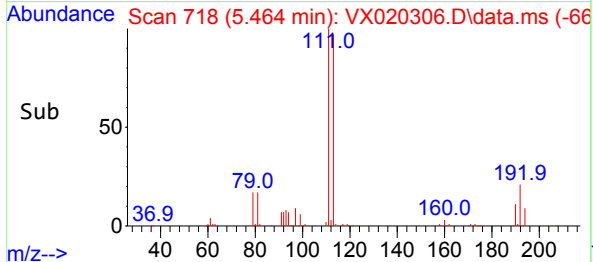
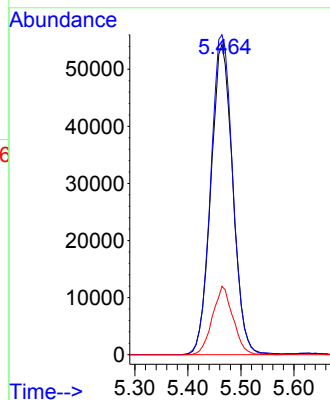
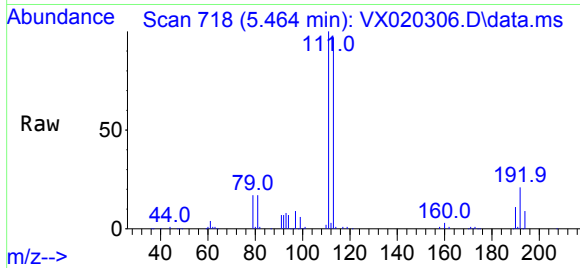




#35
Dibromofluoromethane
Concen: 48.93 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

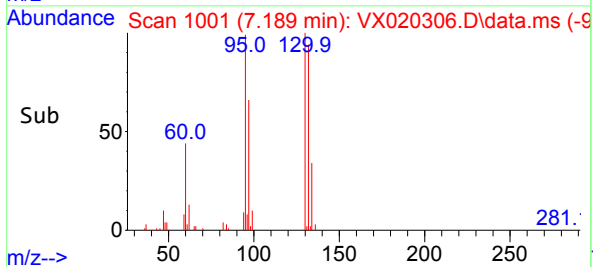
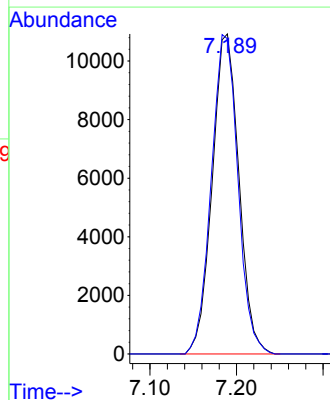
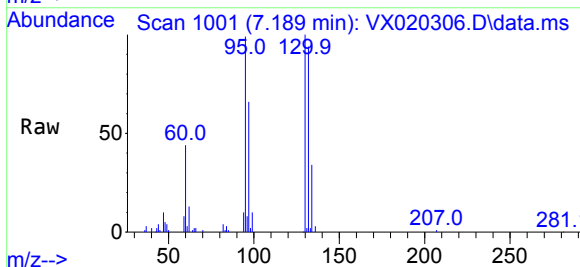
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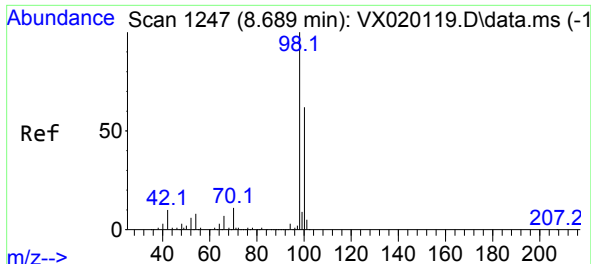
Tgt Ion:113 Resp: 155489
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 20.7 16.7 25.1



#44
Trichloroethene
Concen: 5.92 ug/l
RT: 7.189 min Scan# 1001
Delta R.T. 0.005 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

Tgt Ion:130 Resp: 23382
Ion Ratio Lower Upper
130 100
95 98.5 0.0 198.0

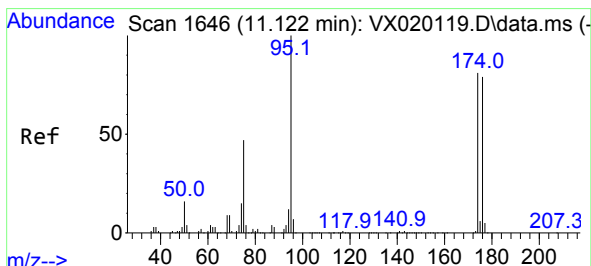
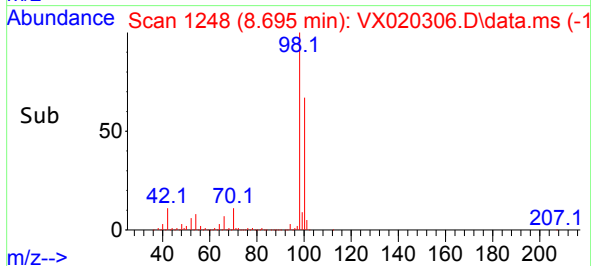
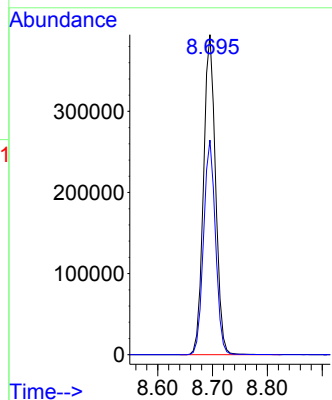
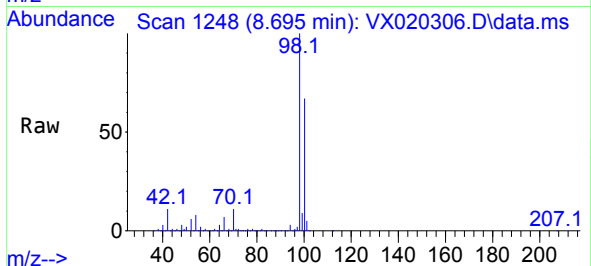




#50
Toluene-d8
Concen: 49.02 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

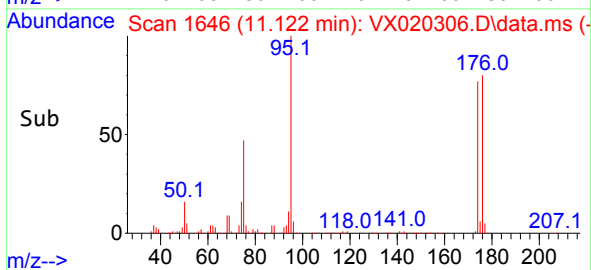
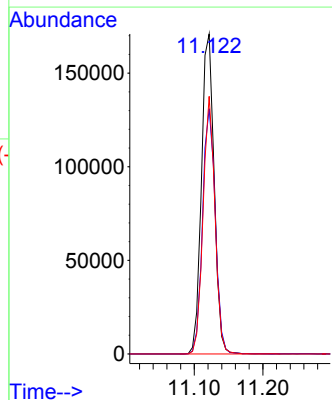
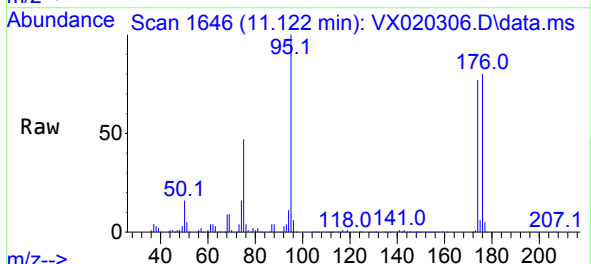
Instrument :
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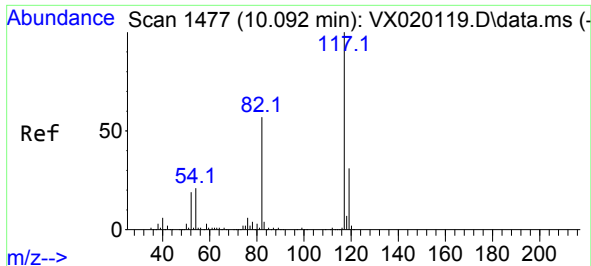
Tgt Ion: 98 Resp: 599517
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.11 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

Tgt Ion: 95 Resp: 220530
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.6
176 75.6 0.0 155.8

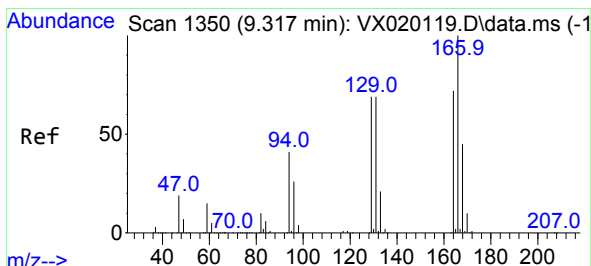
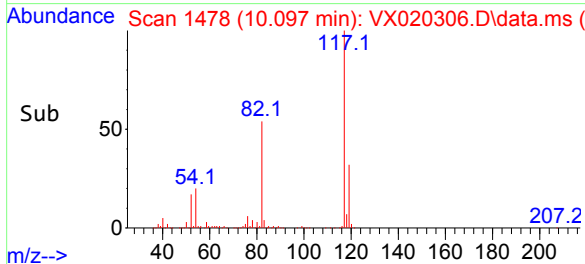
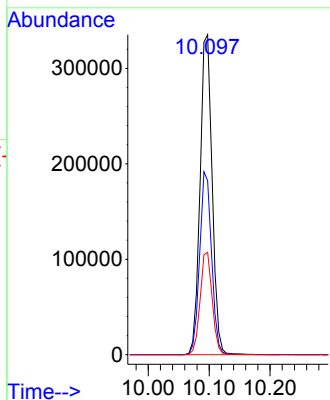
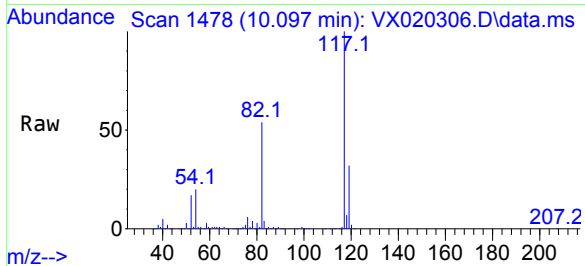




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

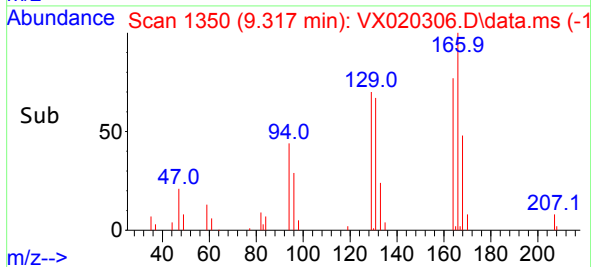
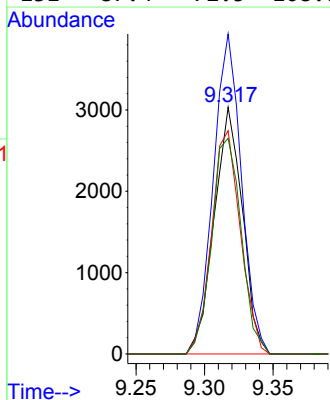
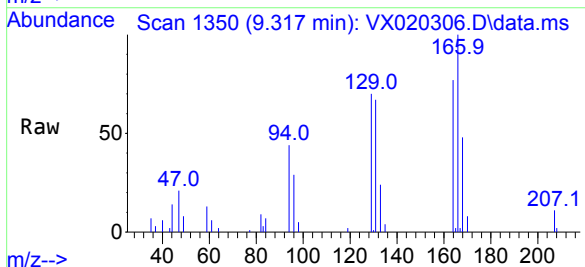
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20201213

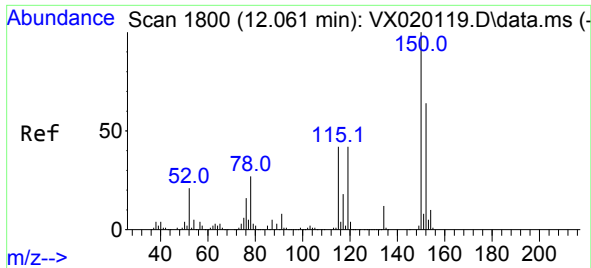
Tgt Ion:117 Resp: 462556
Ion Ratio Lower Upper
117 100
82 54.3 47.4 71.2
119 32.0 26.6 39.8



#64
Tetrachloroethene
Concen: 1.25 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

Tgt Ion:164 Resp: 4355
Ion Ratio Lower Upper
164 100
166 129.7 103.4 155.2
129 90.4 70.8 106.2
131 87.4 72.5 108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.060 min Scan# 1800
 Delta R.T. -0.001 min
 Lab File: VX020306.D
 Acq: 22 Dec 2020 16:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D1-20201213

Tgt Ion:	152	Resp:	203435
Ion	Ratio	Lower	Upper
152	100		
115	60.7	41.1	123.3
150	157.2	0.0	349.0

