

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%	

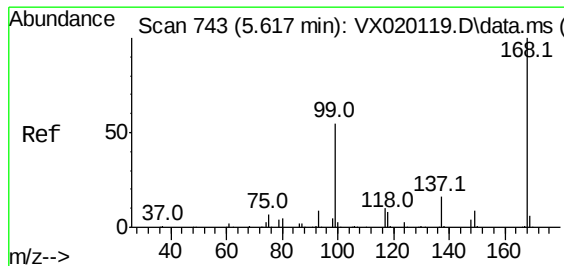
Target Compounds Qvalue

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

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The chromatogram displays the Total Ion Chromatogram (TIC) for the file VX020233.D\data.ms. The y-axis represents Abundance, ranging from 0 to 1,150,000. The x-axis represents Time in minutes, ranging from 0.00 to 16.00. Several peaks are identified and labeled with their corresponding chemical names and retention times.

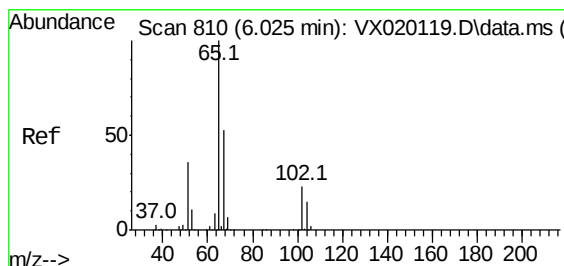
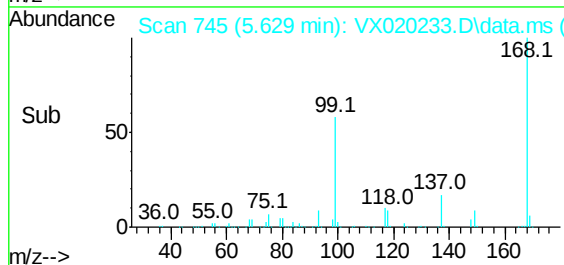
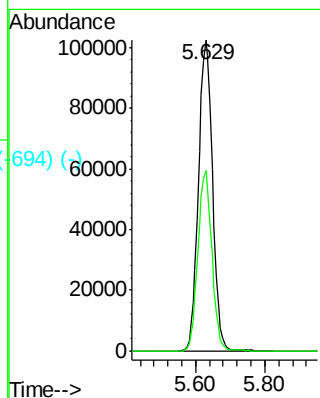
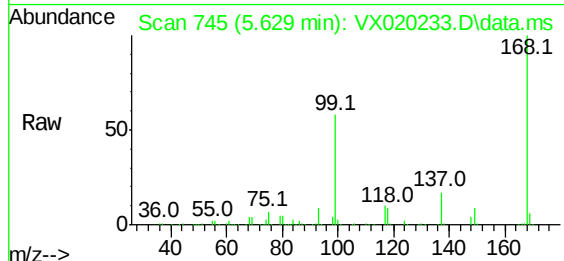
Compound	Retention Time (min)	Approximate Abundance
Dibromofluoromethane, S	5.5	170,000
Pentafluorobenzene, I	5.7	300,000
1,2-Dichloroethane-d4, S	6.1	190,000
1,4-Difluorobenzene, I	6.9	460,000
Toluene-d8, S	8.8	960,000
Chlorobenzene-d5, I	10.1	870,000
4-Bromofluorobenzene, S	11.2	740,000
1,4-Dichlorobenzene-d4, I	12.1	870,000



Scan 743 (5.617 min): VX020119.D\data.ms (-743) (-)
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020233.D
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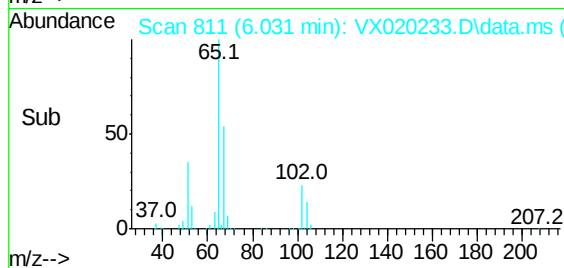
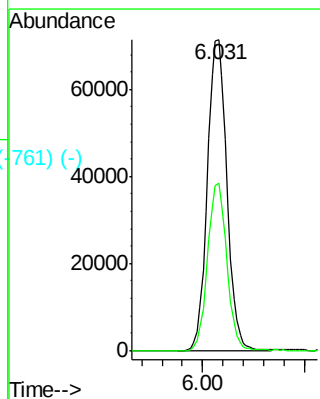
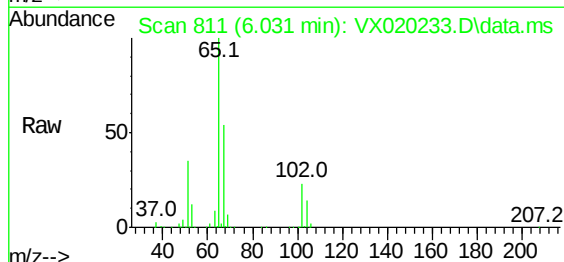
Instrument :
 MSVOA_X
 ClientSampleId :
 39-MW113-121420

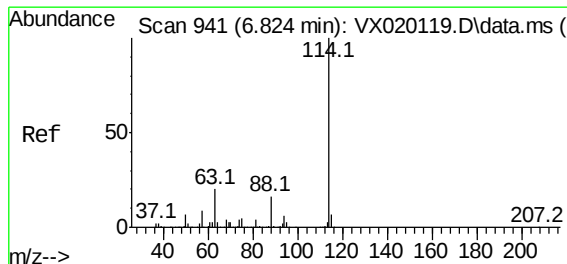
Tgt Ion: 168 Resp: 286436
 Ion Ratio Lower Upper
 168 100
 99 58.2 45.8 68.6



Scan 810 (6.025 min): VX020119.D\data.ms (-763) (-)
 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

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

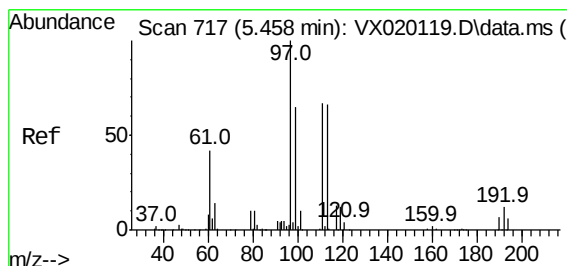
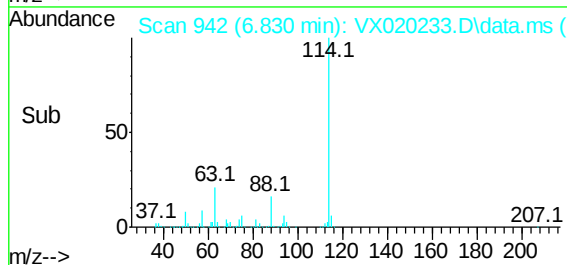
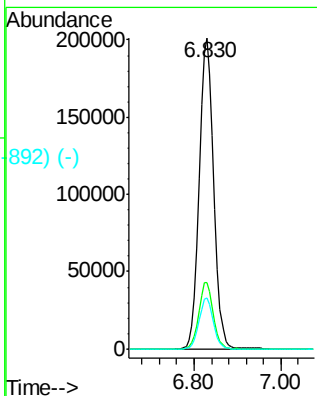
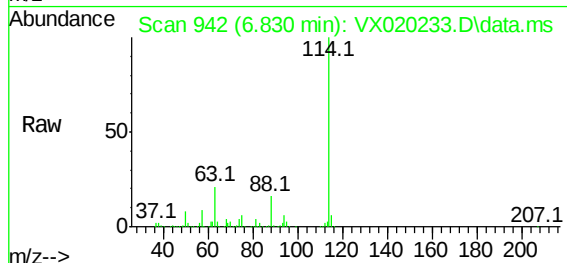




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020233.D
Acq: 20 Dec 2020 16:46

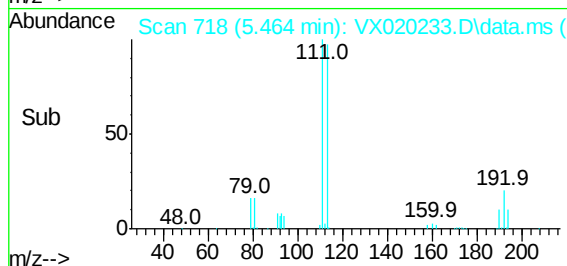
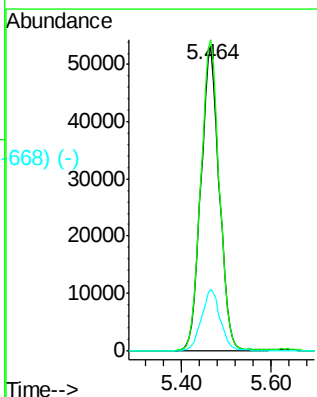
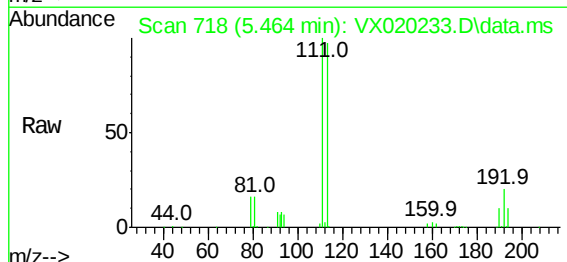
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ClientSampleId :
39-MW113-121420

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



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

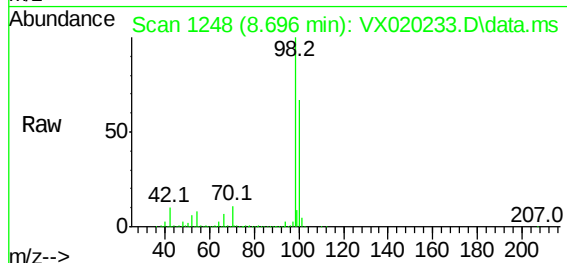
Tgt Ion:	113	Resp:	150050
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.9	122.9
192	20.2	16.7	25.1



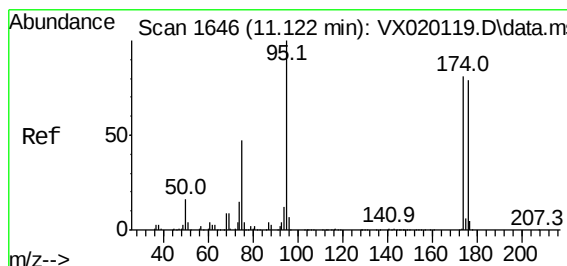
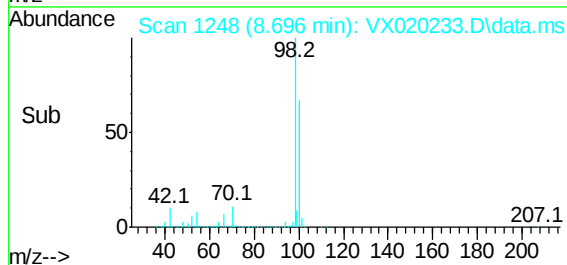
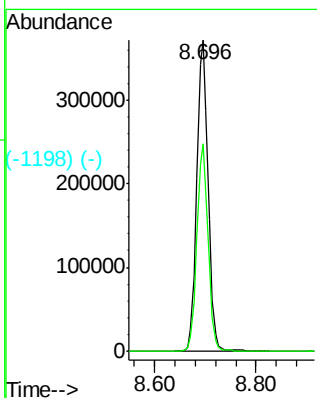


#599 (-)
Toluene-d8
Concen: 49.76 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020233.D
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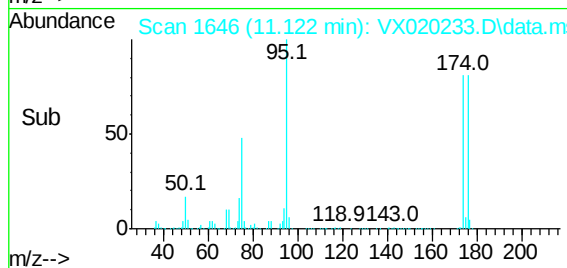
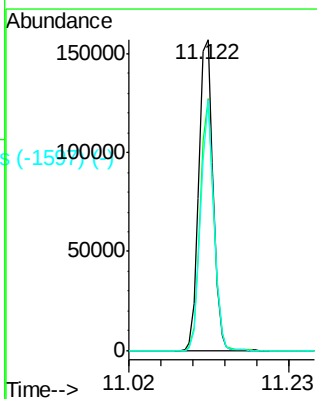
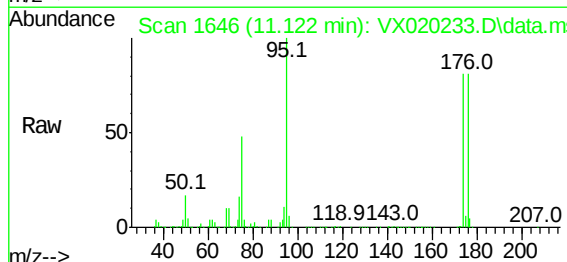


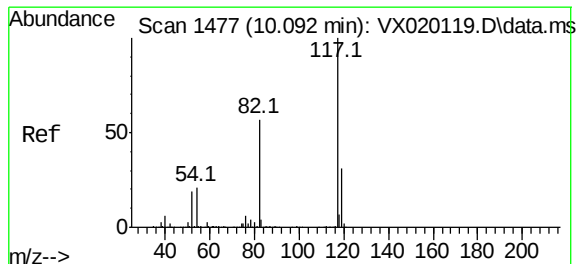
Tgt Ion: 98 Resp: 578203
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#639 (-)
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

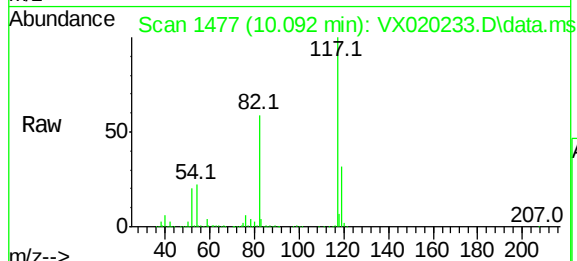
Tgt Ion: 95 Resp: 202390
Ion Ratio Lower Upper
95 100
174 76.8 0.0 154.6
176 75.1 0.0 155.8



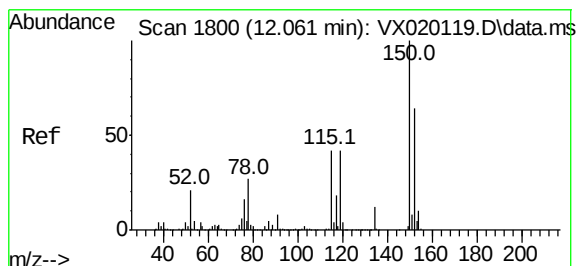
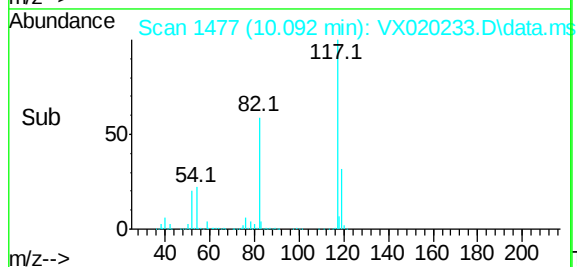
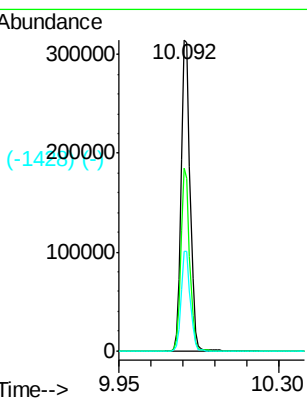


#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020233.D
Acq: 20 Dec 2020 16:46

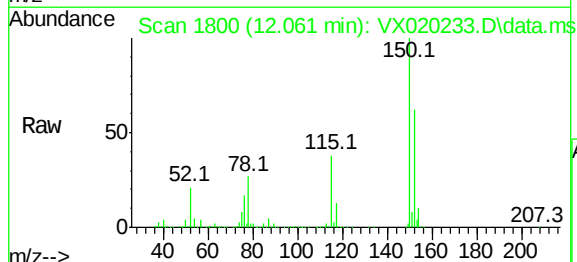
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ClientSampleId :
39-MW113-121420



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



#1724 (-)
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

