

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020223.D
 Acq On : 20 Dec 2020 12:54
 Operator : JC/MD
 Sample : L5094-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-5578(S)-121320

Quant Time: Dec 21 02:50:48 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)

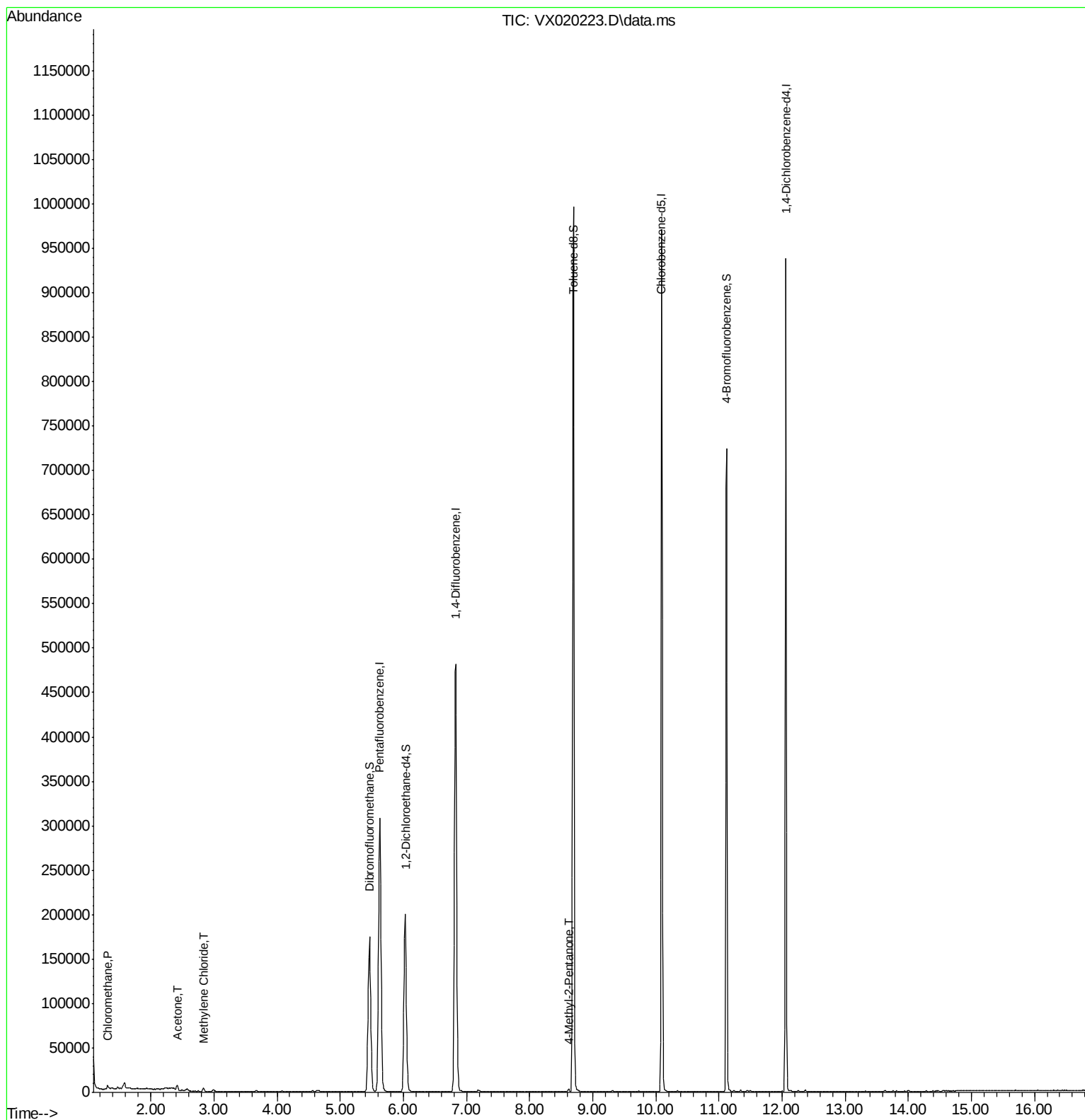
Internal Standards						
1) Pentafluorobenzene	5.629	168	294804	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	496452	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	447872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	189627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	192444	48.70	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	97.40%	
35) Dibromofluoromethane	5.464	113	154376	48.61	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	97.22%	
50) Toluene-d8	8.696	98	591103	48.35	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.122	95	203320	43.46	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	86.92%	
Target Compounds						
3) Chloromethane	1.313	50	1786	0.48	ug/l	96
16) Acetone	2.416	43	6619	3.67	ug/l	97
20) Methylene Chloride	2.837	84	1876	0.46	ug/l #	83
51) 4-Methyl-2-Pentanone	8.622	43	2020	0.41	ug/l	96

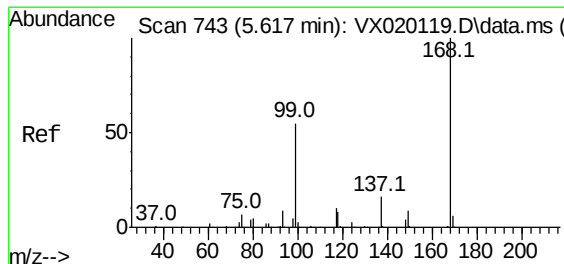
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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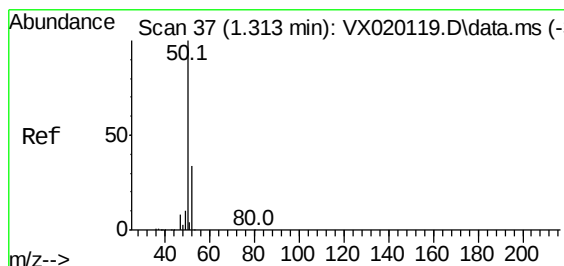
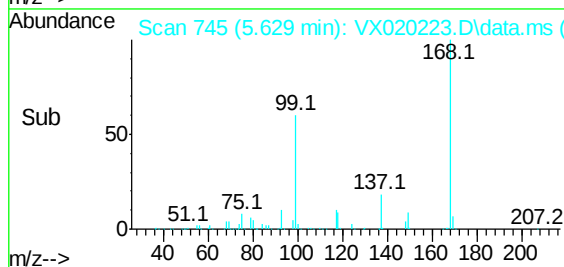
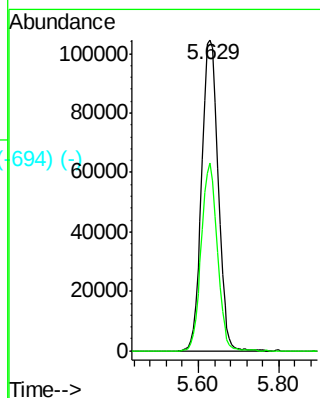
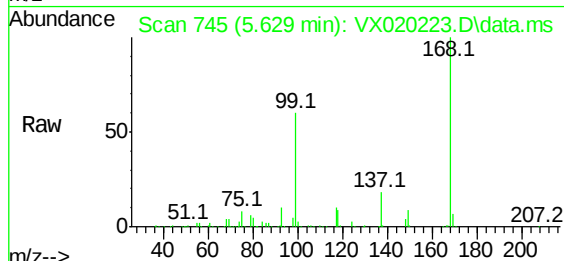




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020223.D
 Acq: 20 Dec 2020 12:54

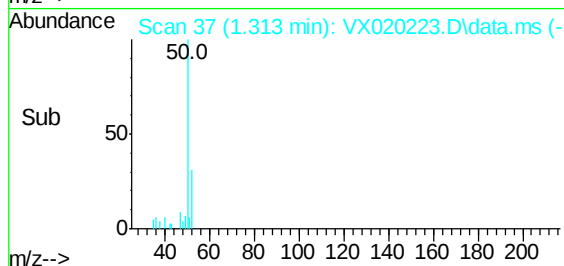
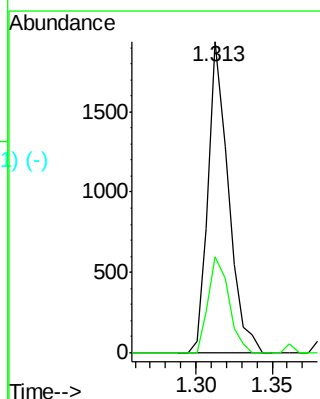
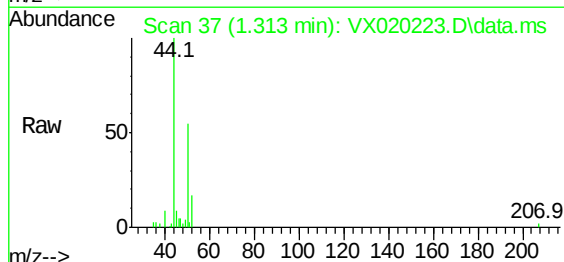
Instrument :
 MSVOA_X
 ClientSampleId :
 49-5578(S)-121320

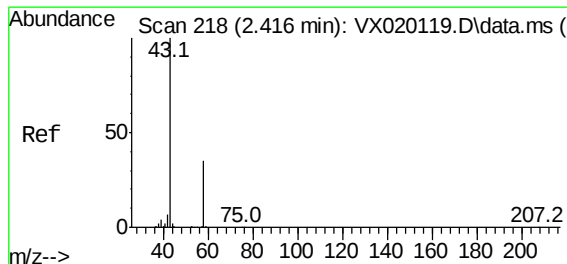
Tgt Ion:168 Resp: 294804
 Ion Ratio Lower Upper
 168 100
 99 60.3 45.8 68.6



Chloromethane
 Concen: 0.48 ug/l
 RT: 1.313 min Scan# 37
 Delta R.T. -0.000 min
 Lab File: VX020223.D
 Acq: 20 Dec 2020 12:54

Tgt Ion: 50 Resp: 1786
 Ion Ratio Lower Upper
 50 100
 52 30.9 26.4 39.6





Acetone

Concen: 3.67 ug/l

RT: 2.416 min Scan# 218

Delta R.T. 0.000 min

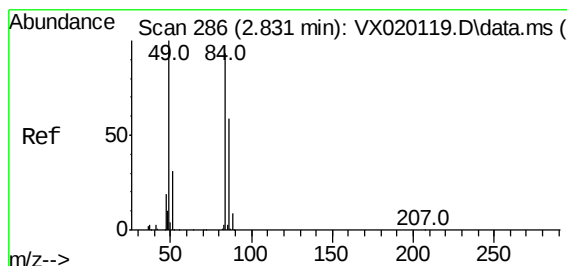
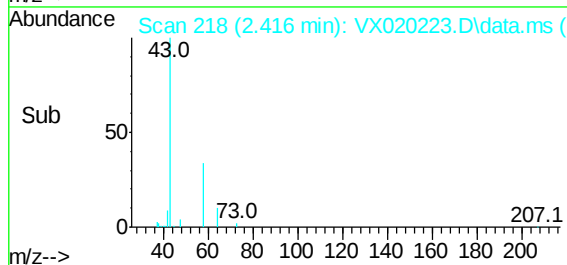
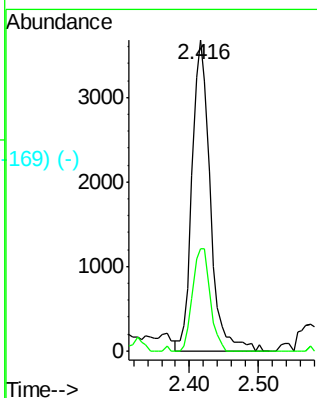
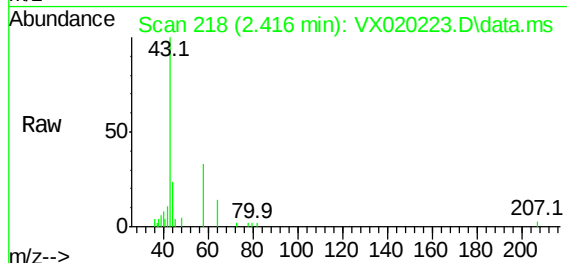
Lab File: VX020223.D

Acq: 20 Dec 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
49-5578(S)-121320

Tgt Ion: 43 Resp: 6619

Ion	Ratio	Lower	Upper
43	100		
58	32.8	27.8	41.8



Methylene Chloride

Concen: 0.46 ug/l

RT: 2.837 min Scan# 287

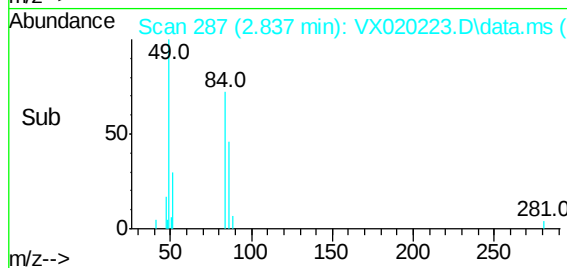
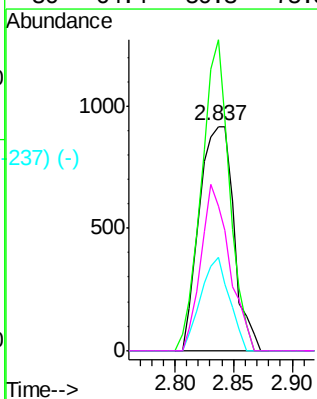
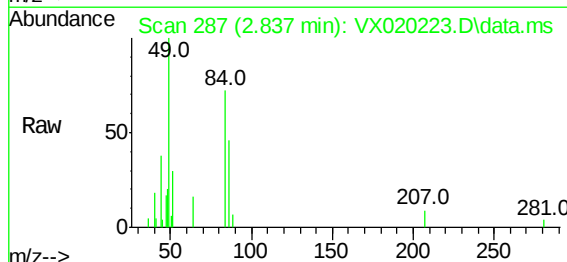
Delta R.T. 0.006 min

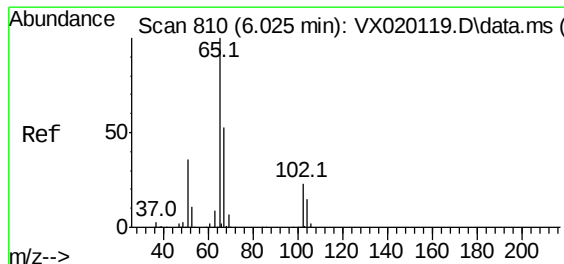
Lab File: VX020223.D

Acq: 20 Dec 2020 12:54

Tgt Ion: 84 Resp: 1876

Ion	Ratio	Lower	Upper
84	100		
49	138.9	88.6	132.8#
51	41.4	27.0	40.6#
86	64.4	50.3	75.5

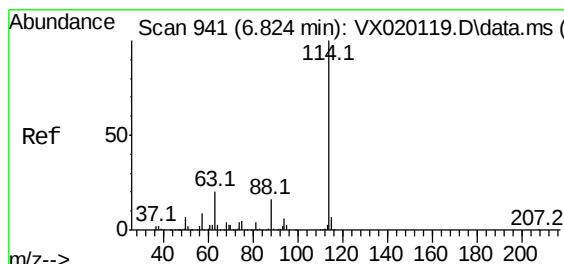
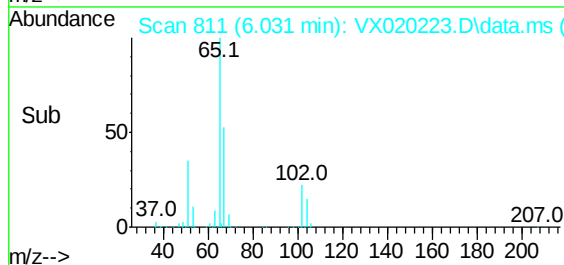
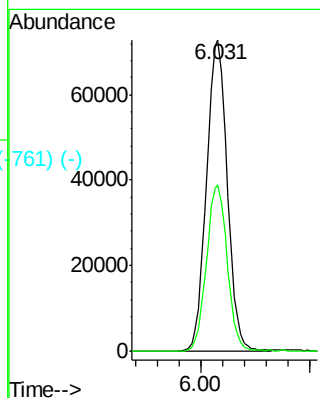
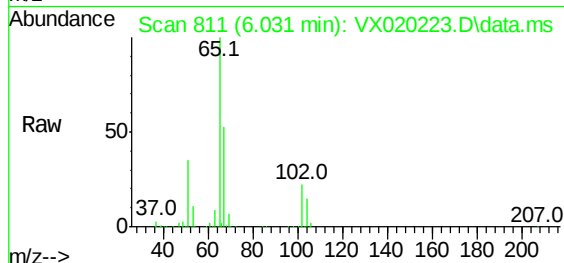




Scan 810 (6.025 min): VX020119.D\data.ms (-753) (-)
 1,2-Dichloroethane-d4
 Concen: 48.70 ug/l
 RT: 6.031 min Scan# 811
 Delta R.T. 0.006 min
 Lab File: VX020223.D
 Acq: 20 Dec 2020 12:54

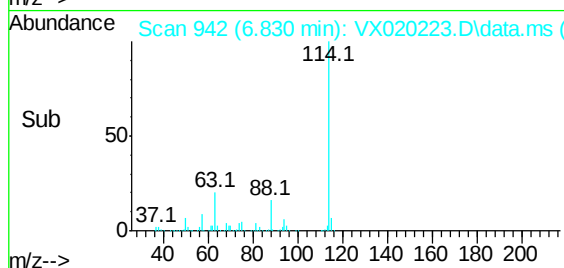
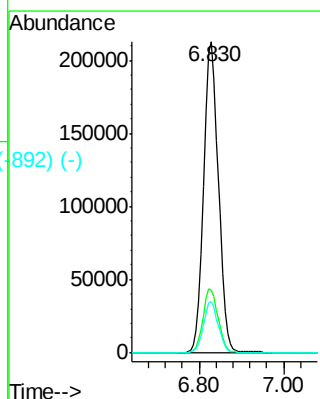
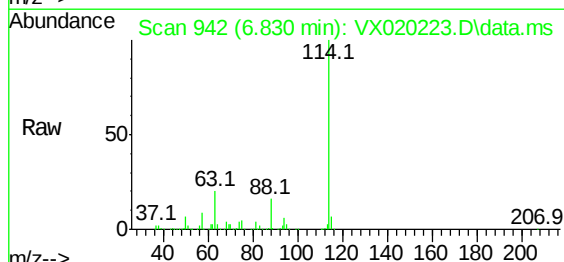
Instrument :
 MSVOA_X
 ClientSampleId :
 49-5578(S)-121320

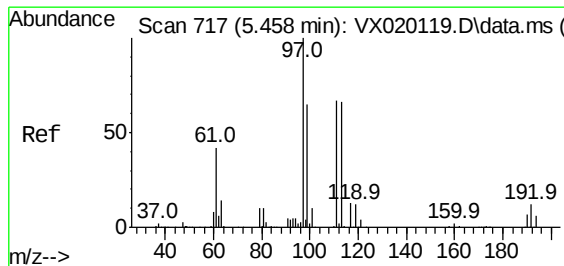
Tgt Ion: 65 Resp: 192444
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.4



Scan 941 (6.824 min): VX020119.D\data.ms (-954) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020223.D
 Acq: 20 Dec 2020 12:54

Tgt Ion: 114 Resp: 496452
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 16.3 0.0 32.8

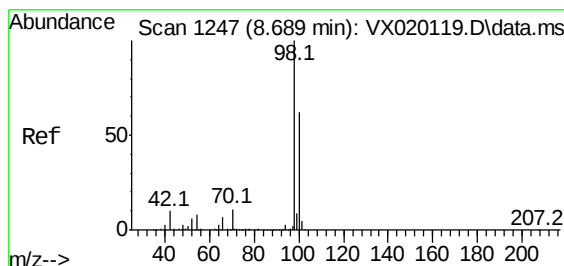
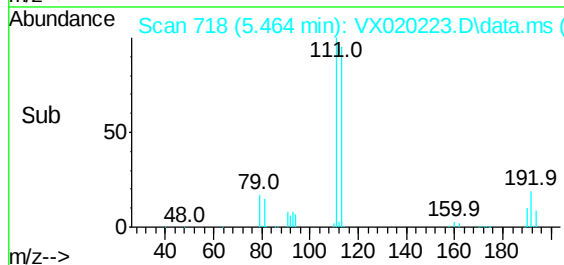
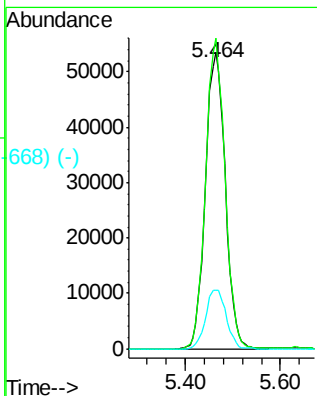
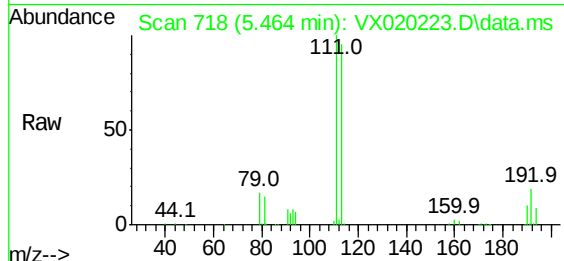




Dibromofluoromethane
Concen: 48.61 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020223.D
Acq: 20 Dec 2020 12:54

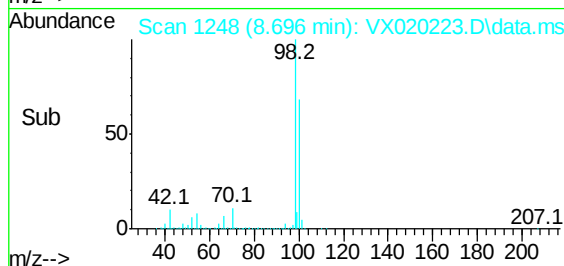
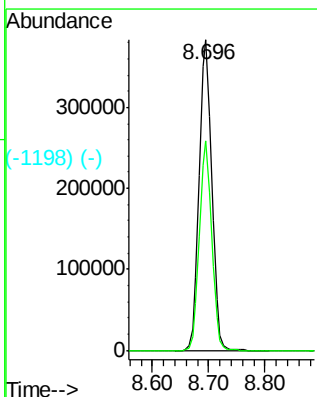
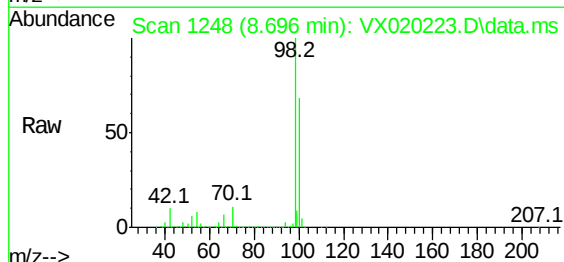
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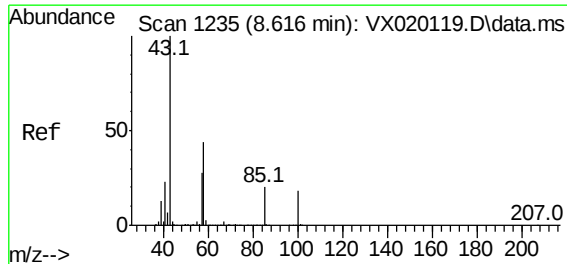
Tgt Ion:113 Resp: 154376
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 20.4 16.7 25.1



Toluene-d8
Concen: 48.35 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020223.D
Acq: 20 Dec 2020 12:54

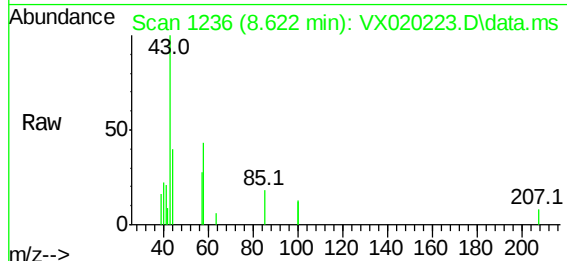
Tgt Ion: 98 Resp: 591103
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



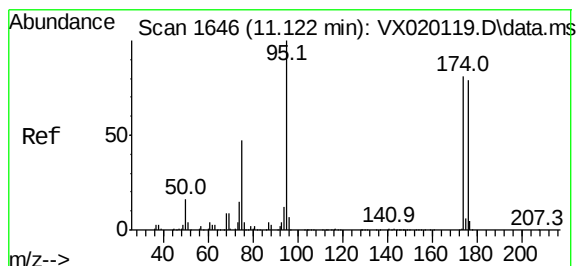
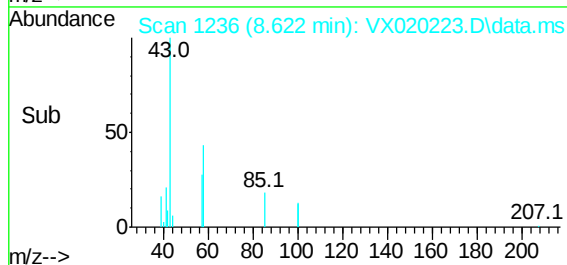
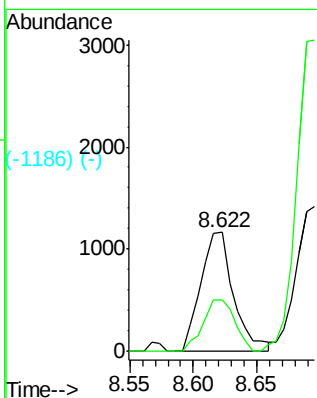


#516 (-)
4-Methyl-2-Pentanone
Concen: 0.41 ug/l
RT: 8.622 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VX020223.D
Acq: 20 Dec 2020 12:54

Instrument :
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ClientSampleId :
49-5578(S)-121320

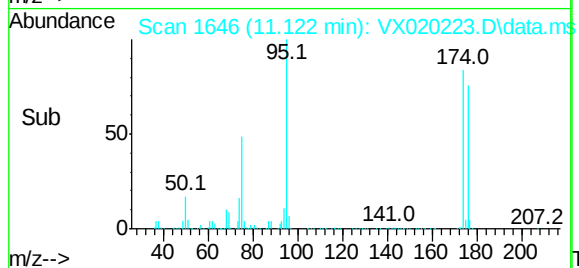
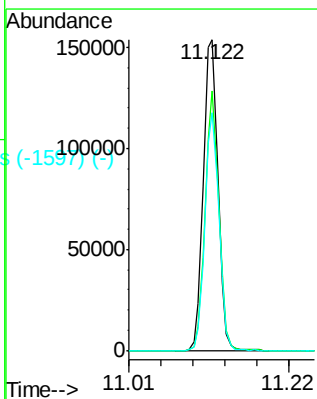
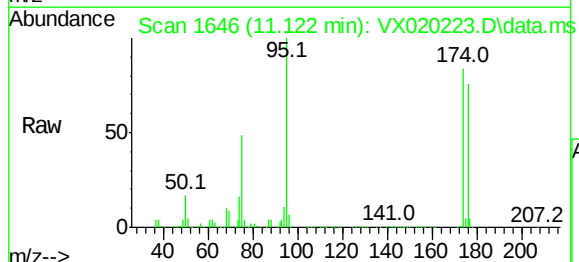


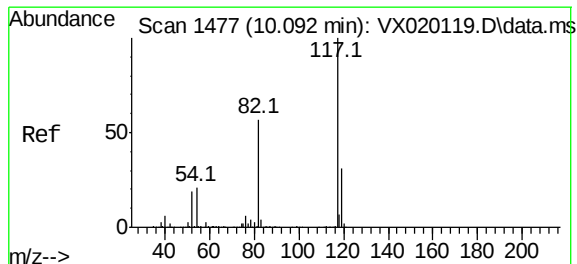
Tgt Ion: 43 Resp: 2020
Ion Ratio Lower Upper
43 100
58 41.7 35.4 53.0



#639 (-)
4-Bromofluorobenzene
Concen: 43.46 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020223.D
Acq: 20 Dec 2020 12:54

Tgt Ion: 95 Resp: 203320
Ion Ratio Lower Upper
95 100
174 78.2 0.0 154.6
176 74.0 0.0 155.8

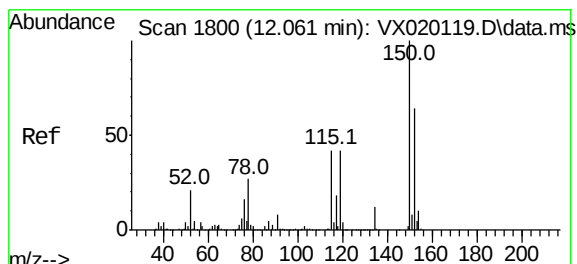
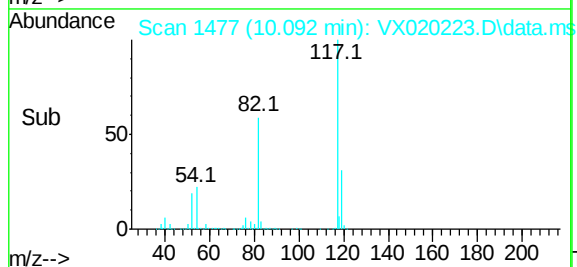
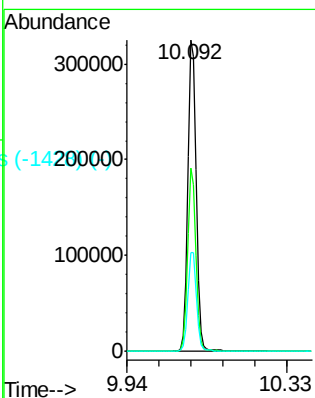
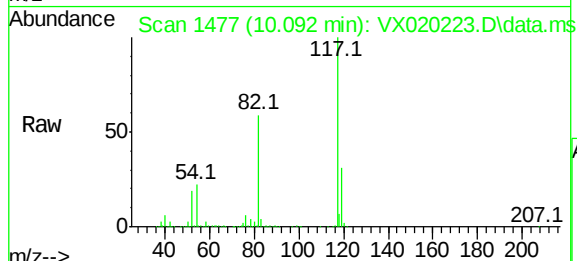




#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020223.D
Acq: 20 Dec 2020 12:54

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Tgt Ion:	117	Resp:	447872
Ion Ratio	Lower	Upper	
117	100		
82	58.8	47.4	71.2
119	31.4	26.6	39.8



#7294 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020223.D
Acq: 20 Dec 2020 12:54

Tgt Ion:	152	Resp:	189627
Ion Ratio	Lower	Upper	
152	100		
115	59.6	41.1	123.3
150	154.5	0.0	349.0

