

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020125.D
 Acq On : 18 Dec 2020 14:37
 Operator : JC/MD
 Sample : L5140-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER-SAMPLE-1

Quant Time: Dec 18 14:58:16 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)

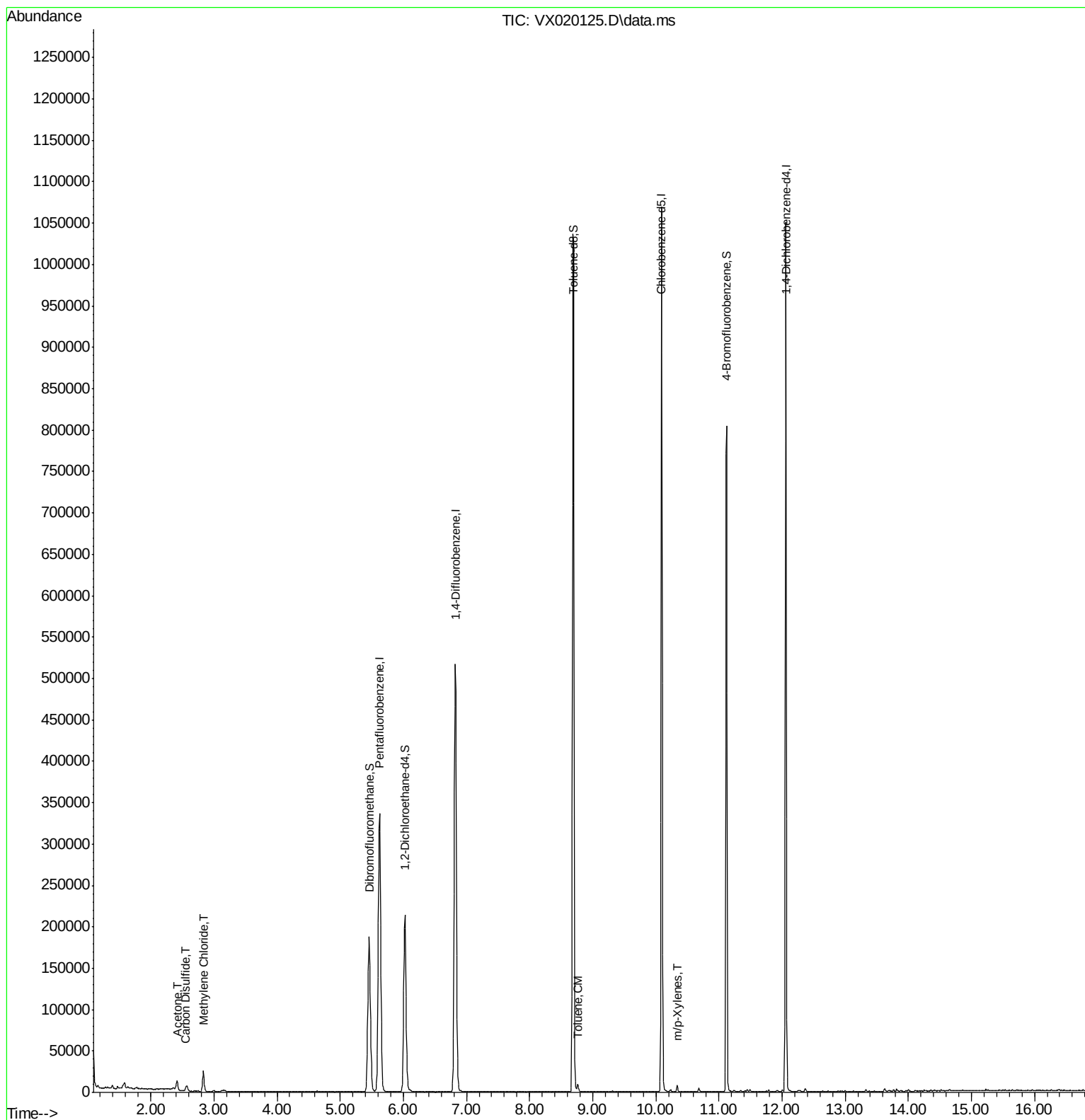
Internal Standards						
1) Pentafluorobenzene	5.623	168	317790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	531723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	479142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	211465	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	200463	47.06	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	94.12%	
35) Dibromofluoromethane	5.458	113	162627	47.81	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	95.62%	
50) Toluene-d8	8.696	98	631988	48.27	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	96.54%	
62) 4-Bromofluorobenzene	11.122	95	228477	45.59	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	91.18%	
Target Compounds						
16) Acetone	2.416	43	11438	5.89	ug/l	96
17) Carbon Disulfide	2.550	76	2661	0.28	ug/l #	91
20) Methylene Chloride	2.831	84	11564	2.64	ug/l	98
52) Toluene	8.763	92	3149	0.32	ug/l	94
68) m/p-Xylenes	10.342	106	1793	0.27	ug/l	91

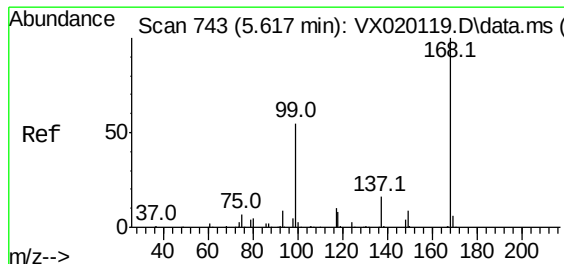
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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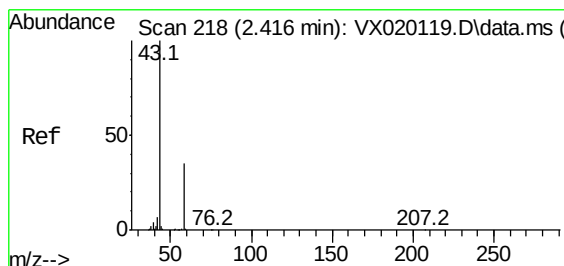
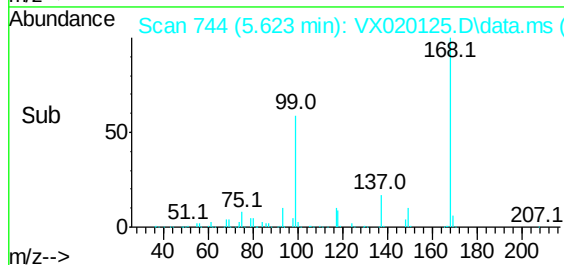
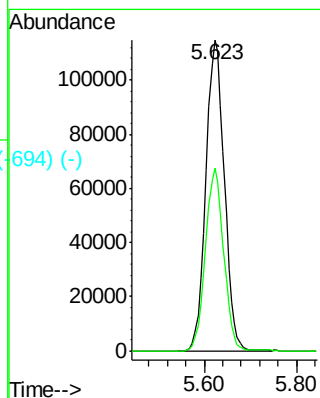
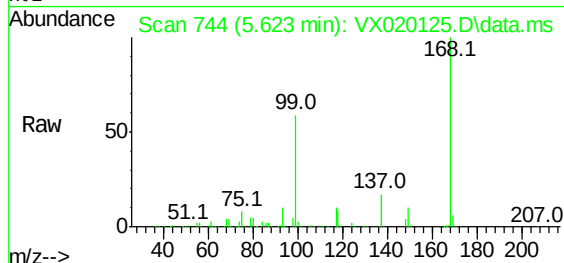




Scan 743 (5.617 min): VX020119.D\data.ms (-744) (-)
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.623 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VX020125.D
 Acq: 18 Dec 2020 14:37

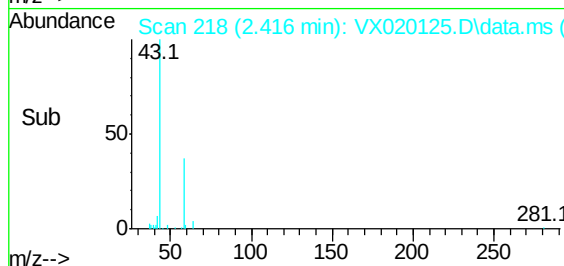
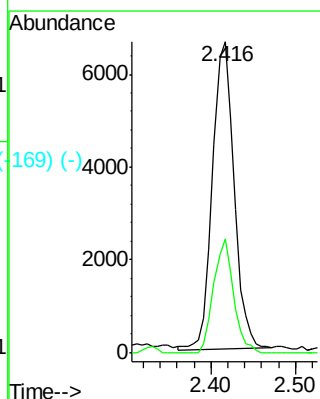
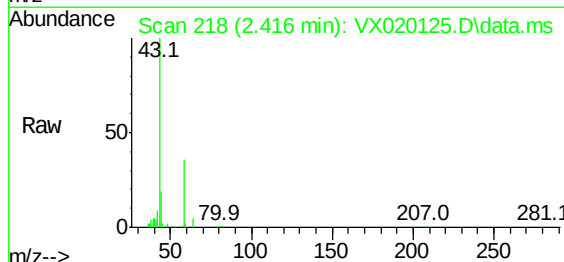
Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER-SAMPLE-1

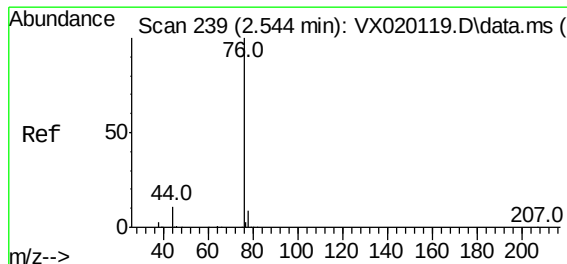
Tgt Ion:168 Resp: 317790
 Ion Ratio Lower Upper
 168 100
 99 59.0 45.8 68.6



Scan 218 (2.416 min): VX020119.D\data.ms (-219) (-)
 Acetone
 Concen: 5.89 ug/l
 RT: 2.416 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VX020125.D
 Acq: 18 Dec 2020 14:37

Tgt Ion: 43 Resp: 11438
 Ion Ratio Lower Upper
 43 100
 58 37.0 27.8 41.8

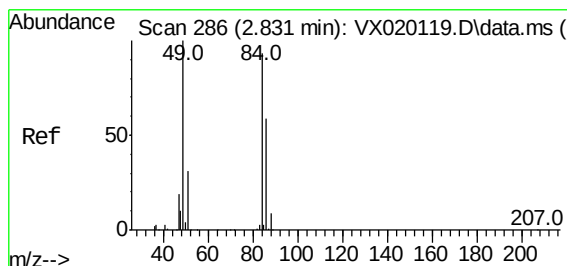
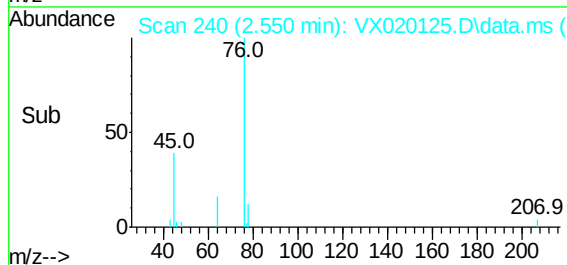
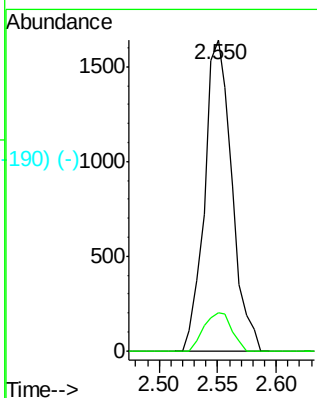
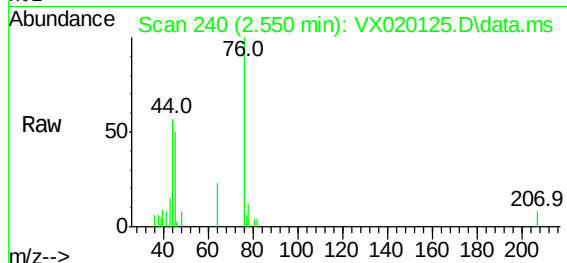




Carbon Disulfide
 Concen: 0.28 ug/l
 RT: 2.550 min Scan# 240
 Delta R.T. 0.006 min
 Lab File: VX020125.D
 Acq: 18 Dec 2020 14:37

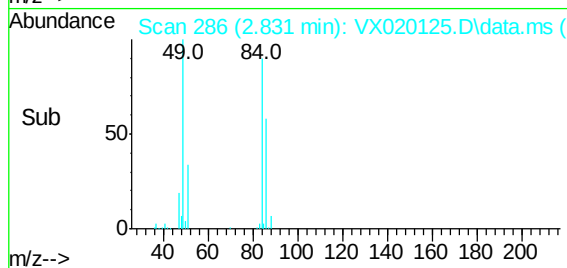
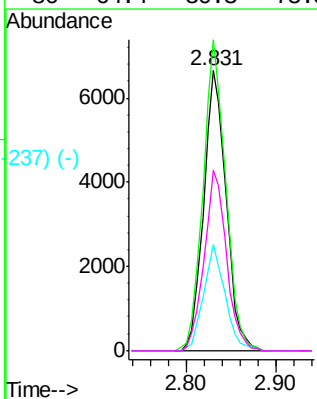
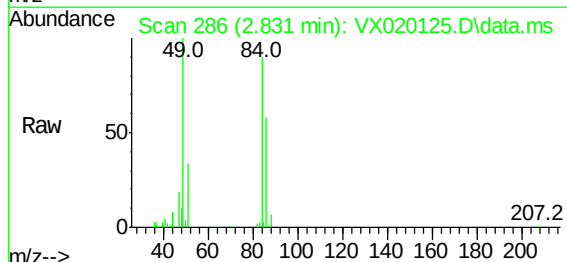
Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER-SAMPLE-1

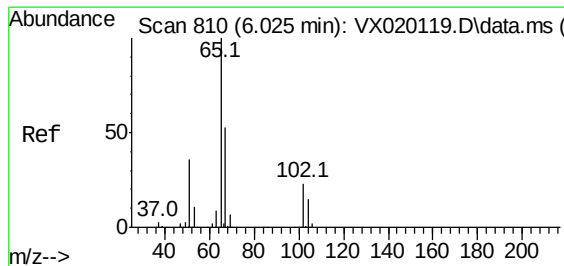
Tgt Ion: 76 Resp: 2661
 Ion Ratio Lower Upper
 76 100
 78 12.2 7.2 10.8#



Methylene Chloride
 Concen: 2.64 ug/l
 RT: 2.831 min Scan# 286
 Delta R.T. -0.000 min
 Lab File: VX020125.D
 Acq: 18 Dec 2020 14:37

Tgt Ion: 84 Resp: 11564
 Ion Ratio Lower Upper
 84 100
 49 111.1 88.6 132.8
 51 37.8 27.0 40.6
 86 64.4 50.3 75.5

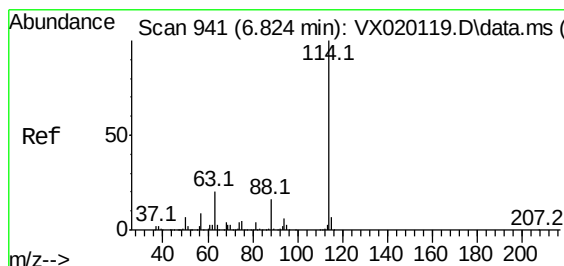
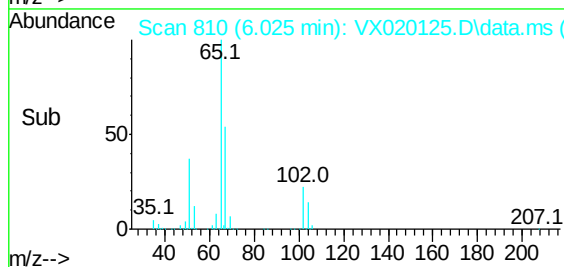
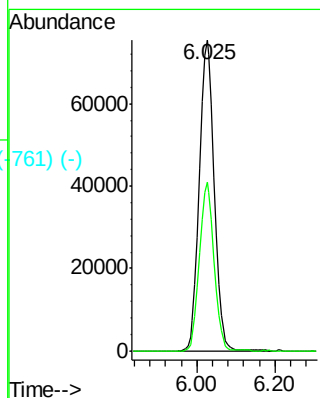
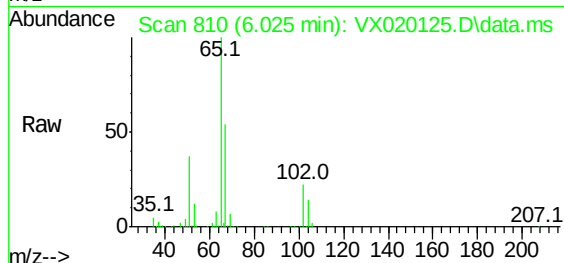




1,2-Dichloroethane-d4
Concen: 47.06 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020125.D
Acq: 18 Dec 2020 14:37

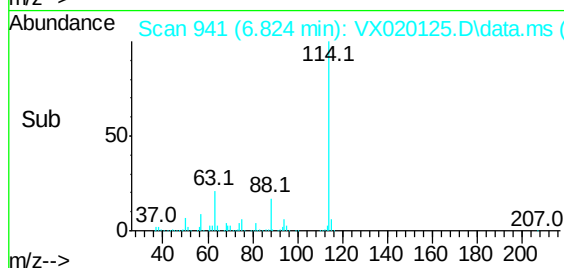
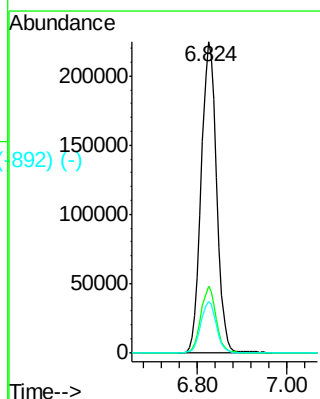
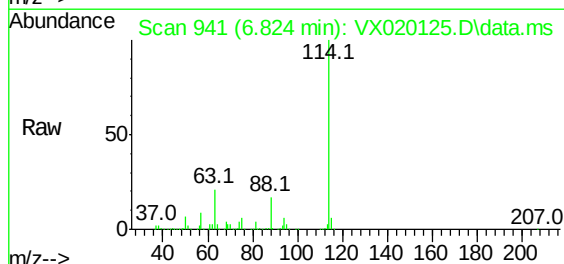
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER-SAMPLE-1

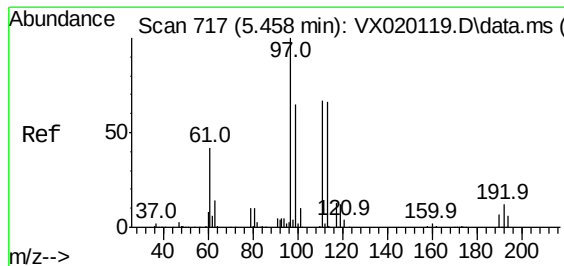
Tgt Ion: 65 Resp: 200463
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.000 min
Lab File: VX020125.D
Acq: 18 Dec 2020 14:37

Tgt Ion: 114 Resp: 531723
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 16.6 0.0 32.8

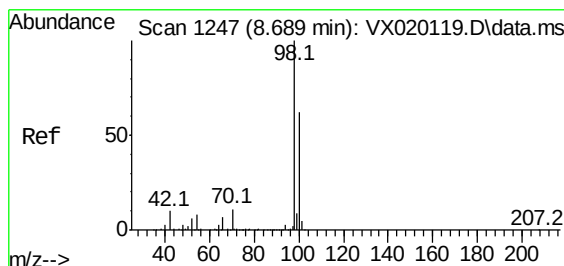
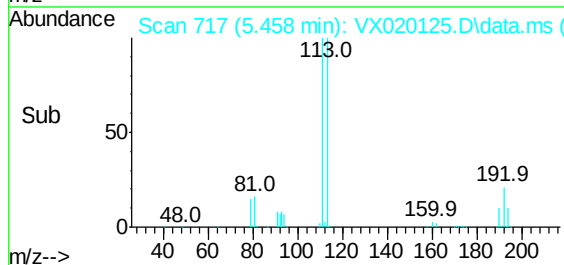
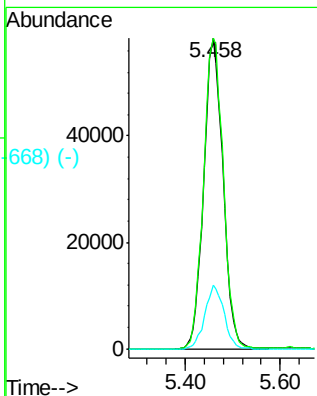
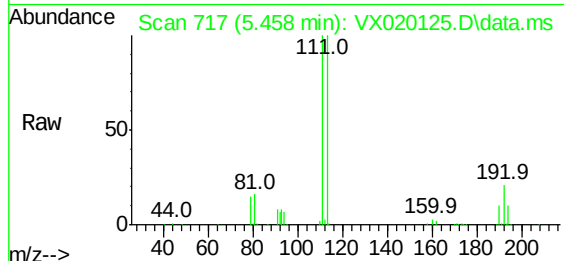




Dibromofluoromethane
Concen: 47.81 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020125.D
Acq: 18 Dec 2020 14:37

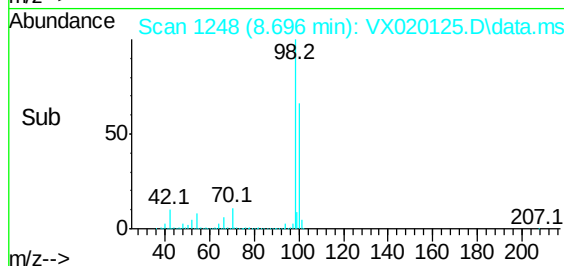
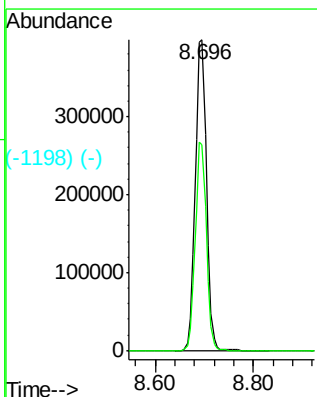
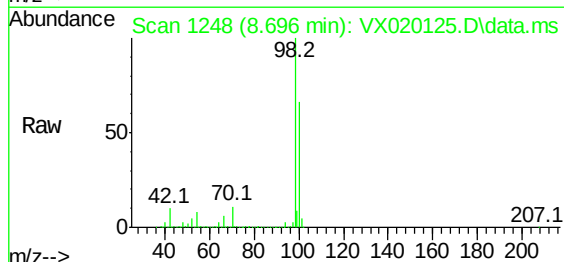
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER-SAMPLE-1

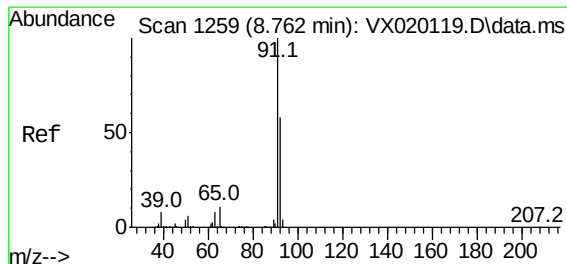
Tgt Ion:113 Resp: 162627
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 20.1 16.7 25.1



To Luene-d8
Concen: 48.27 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020125.D
Acq: 18 Dec 2020 14:37

Tgt Ion: 98 Resp: 631988
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9

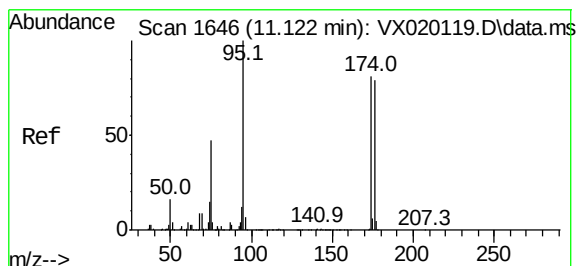
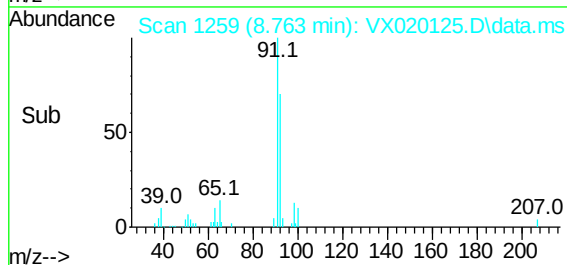
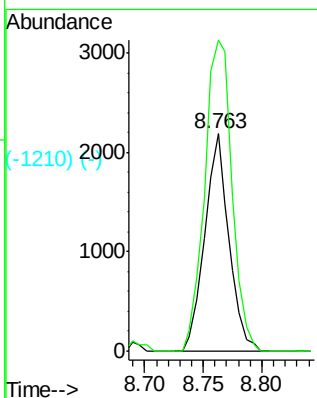
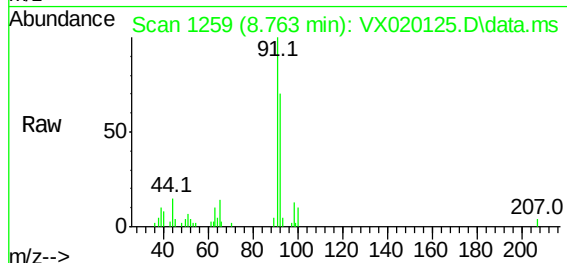




To Luene
Concen: 0.32 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020125.D
Acq: 18 Dec 2020 14:37

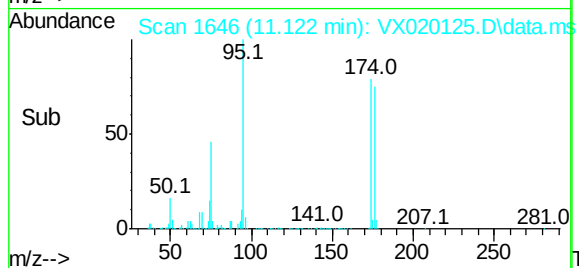
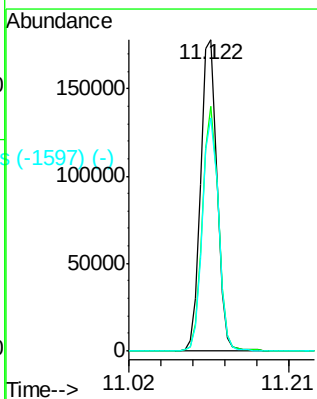
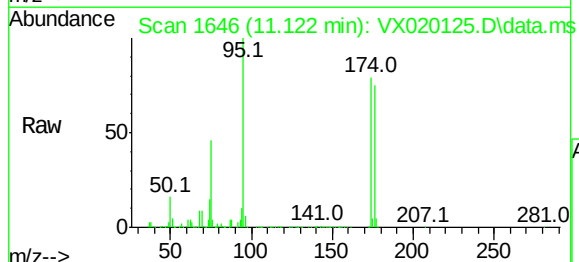
Instrument :
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ClientSampleId :
GROUNDWATER-SAMPLE-1

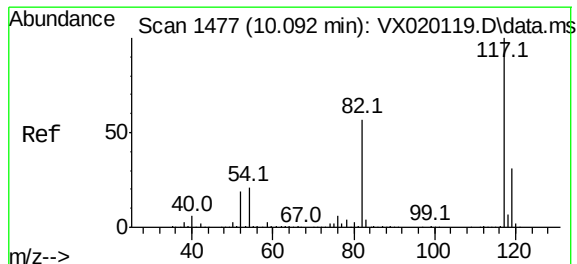
Tgt Ion: 92 Resp: 3149
Ion Ratio Lower Upper
92 100
91 162.5 137.1 205.7



4-Bromofluorobenzene
Concen: 45.59 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020125.D
Acq: 18 Dec 2020 14:37

Tgt Ion: 95 Resp: 228477
Ion Ratio Lower Upper
95 100
174 76.0 0.0 154.6
176 74.0 0.0 155.8

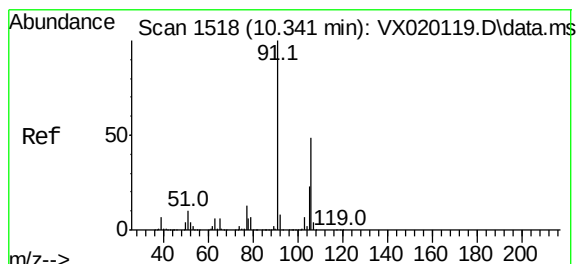
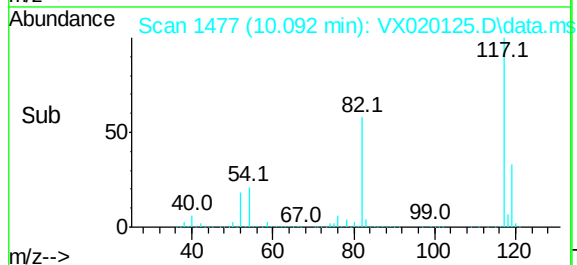
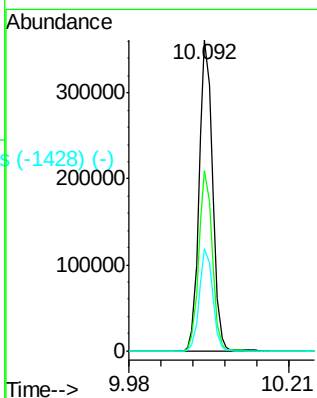
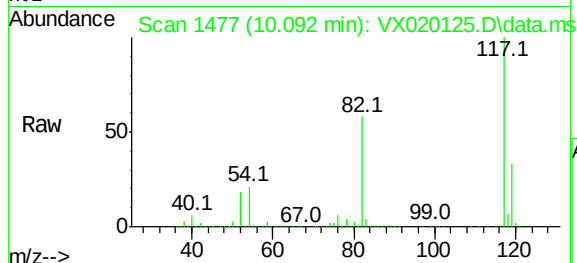




#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020125.D
Acq: 18 Dec 2020 14:37

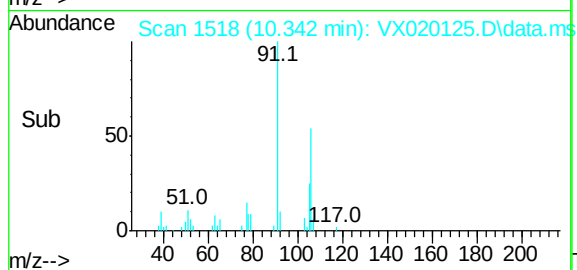
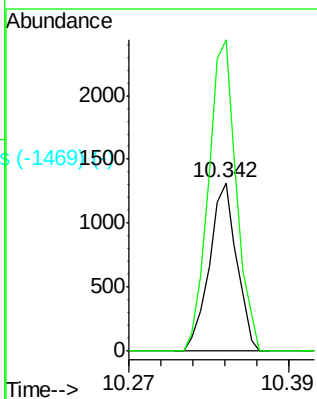
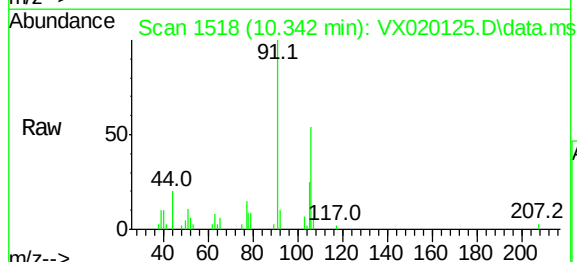
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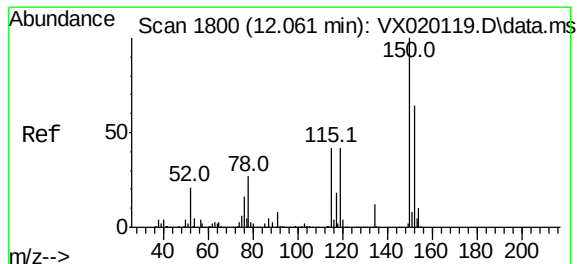
Tgt Ion:	117	Resp:	479142
Ion Ratio	Lower	Upper	
117	100		
82	57.9	47.4	71.2
119	32.8	26.6	39.8



#6271 (-)
m/p-Xylenes
Concen: 0.27 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. 0.001 min
Lab File: VX020125.D
Acq: 18 Dec 2020 14:37

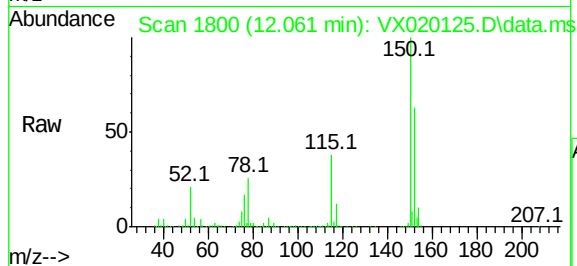
Tgt Ion:	106	Resp:	1793
Ion Ratio	Lower	Upper	
106	100		
91	189.7	162.8	244.2





#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020125.D
 Acq: 18 Dec 2020 14:37

Instrument :
 MSVOA_X
ClientSampleId :
 GROUNDWATER-SAMPLE-1



Tgt Ion:152 Resp: 211465

Ion	Ratio	Lower	Upper
152	100		
115	60.3	41.1	123.3
150	157.5	0.0	349.0

