

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020297.D
 Acq On : 22 Dec 2020 12:46
 Operator : JC/MD
 Sample : L5146-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-PZ003(DOB)-121620

Quant Time: Dec 23 00:29:26 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)

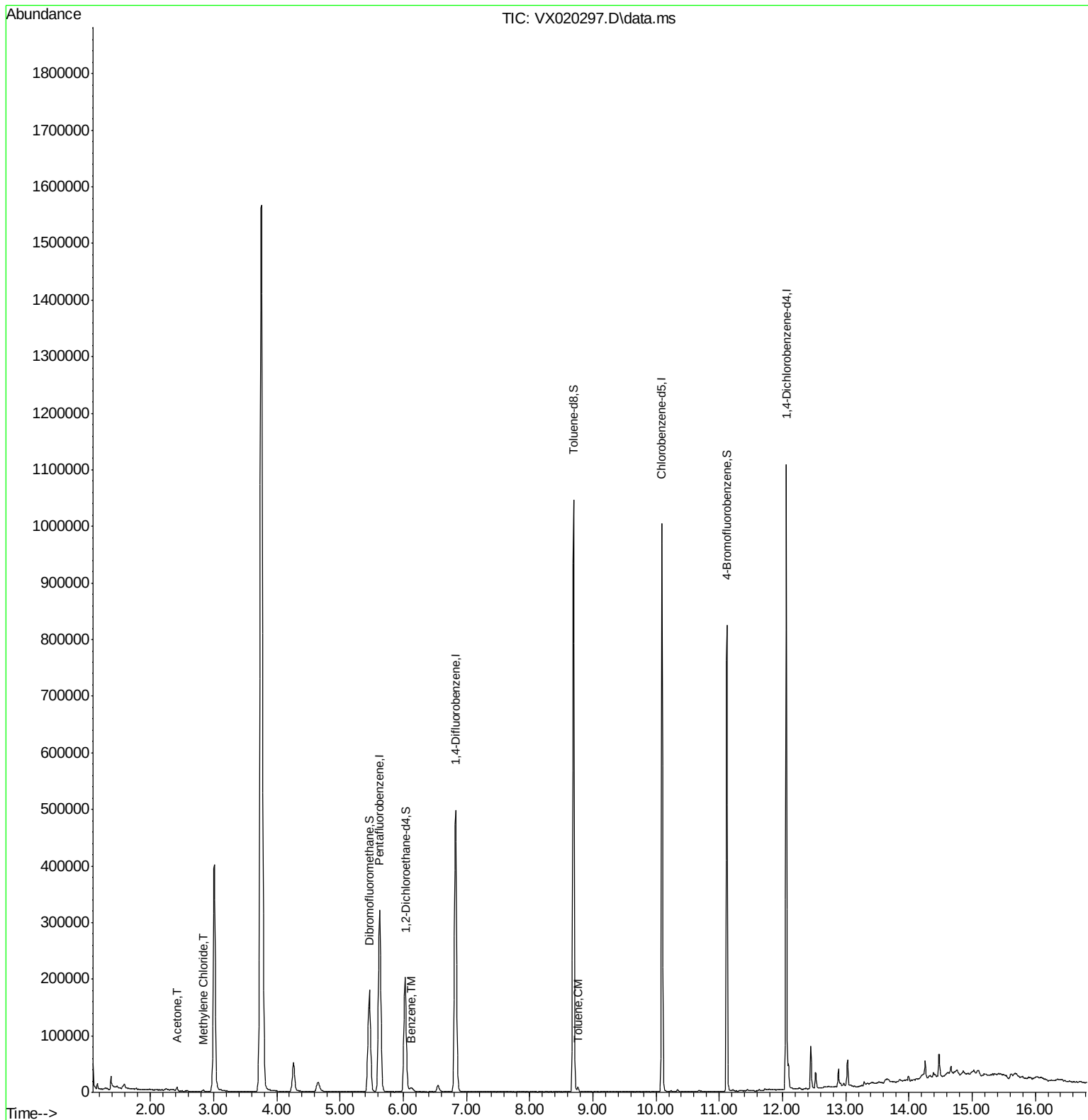
Internal Standards						
1) Pentafluorobenzene	5.629	168	309158	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	509959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	470141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	215222	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	195288	47.12	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	94.24%	
35) Dibromofluoromethane	5.464	113	158423	48.56	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	97.12%	
50) Toluene-d8	8.695	98	609724	48.56	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.122	95	228660	47.58	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	95.16%	
Target Compounds						
16) Acetone	2.422	43	7235	3.83	ug/l	Qvalue 97
20) Methylene Chloride	2.837	84	1399	0.33	ug/l #	95
40) Benzene	6.117	78	6113	0.39	ug/l	92
52) Toluene	8.763	92	2783	0.29	ug/l	93

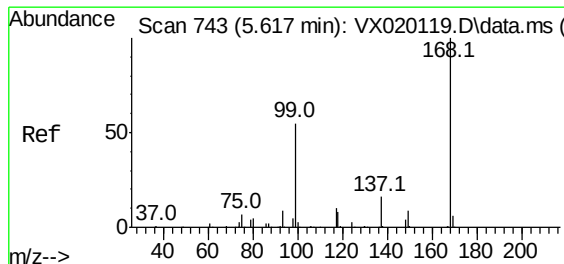
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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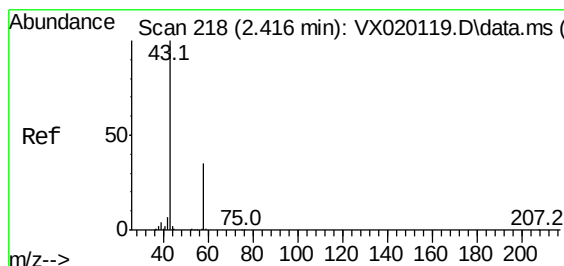
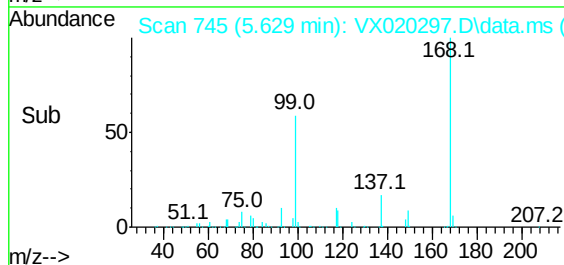
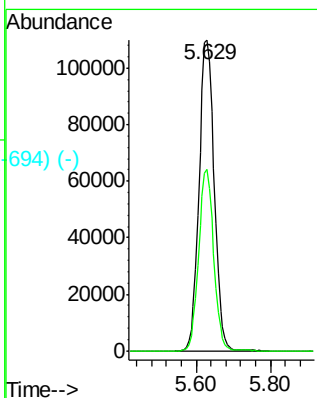
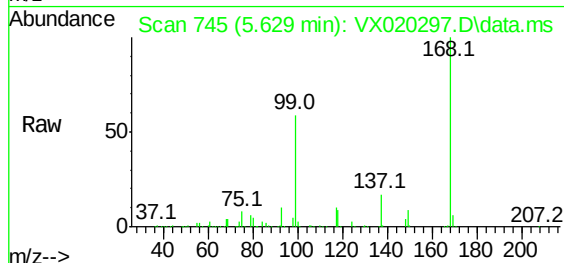




Pentafuorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020297.D
 Acq: 22 Dec 2020 12:46

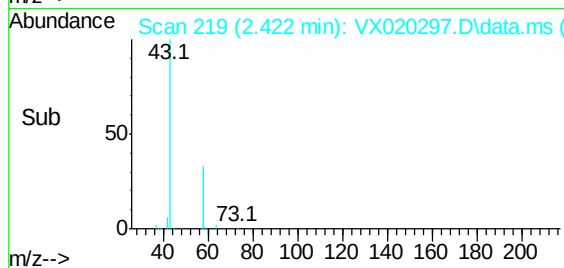
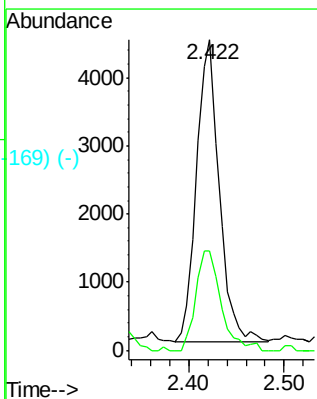
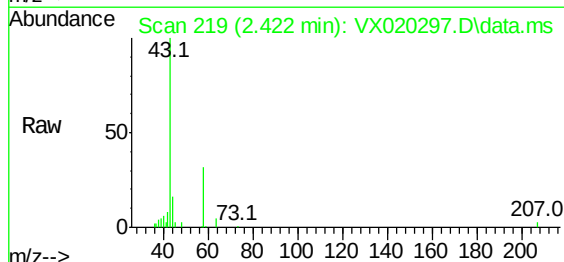
Instrument :
 MSVOA_X
 ClientSampleId :
 49-PZ003(DOB)-121620

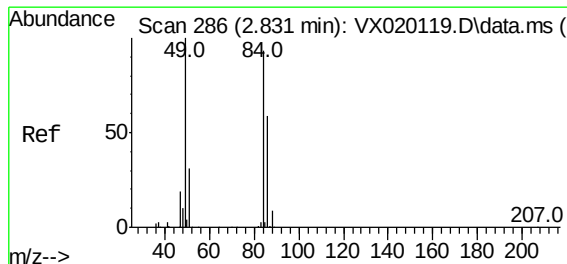
Tgt Ion:168 Resp: 309158
 Ion Ratio Lower Upper
 168 100
 99 58.5 45.8 68.6



Acetone
 Concen: 3.83 ug/l
 RT: 2.422 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VX020297.D
 Acq: 22 Dec 2020 12:46

Tgt Ion: 43 Resp: 7235
 Ion Ratio Lower Upper
 43 100
 58 33.1 27.8 41.8



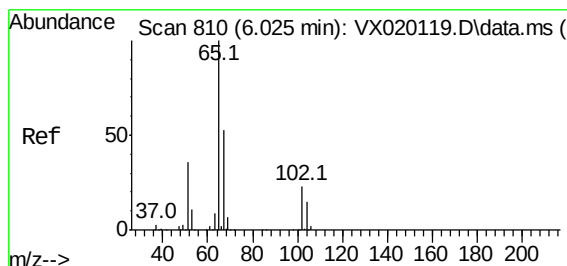
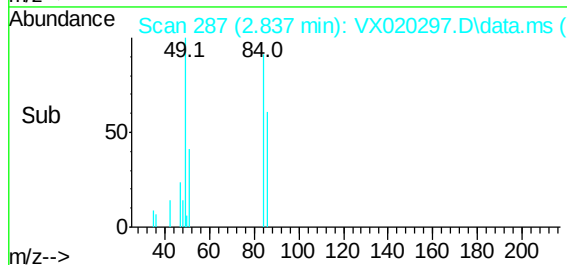
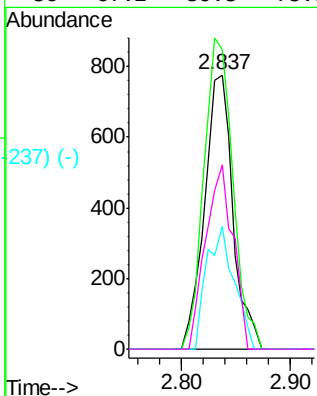
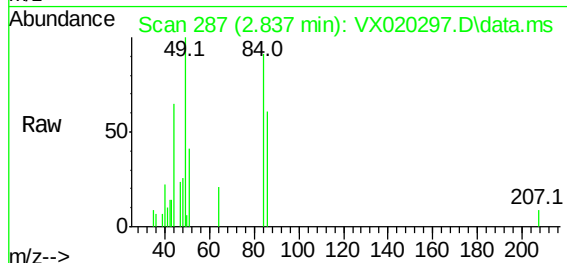


Methylene Chloride
Concen: 0.33 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020297.D
Acq: 22 Dec 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
49-PZ003(DOB)-121620

Tgt Ion: 84 Resp: 1399

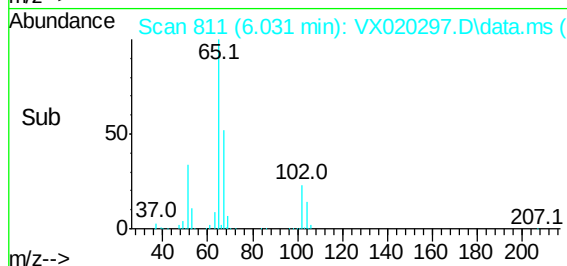
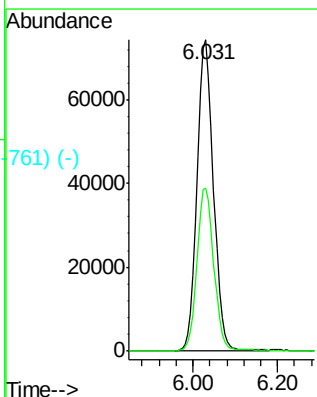
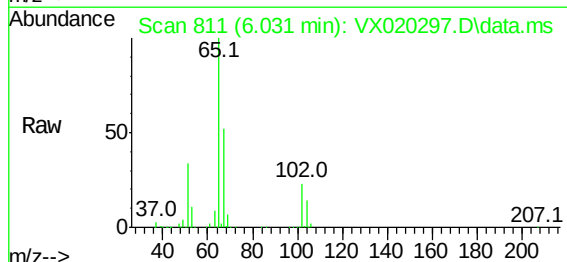
Ion	Ratio	Lower	Upper
84	100		
49	109.4	88.6	132.8
51	44.9	27.0	40.6
86	67.1	50.3	75.5

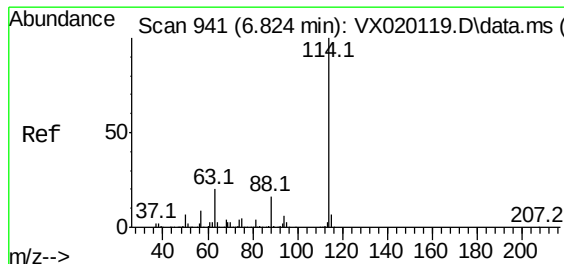


1,2-Dichloroethane-d4
Concen: 47.12 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020297.D
Acq: 22 Dec 2020 12:46

Tgt Ion: 65 Resp: 195288

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.4

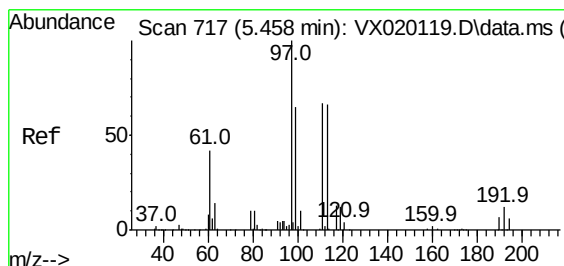
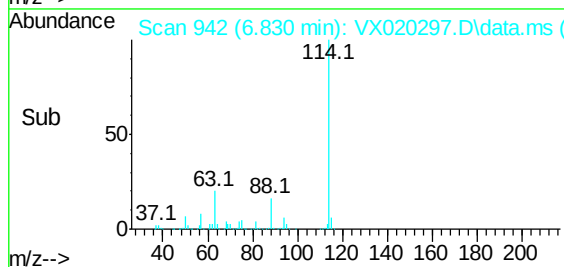
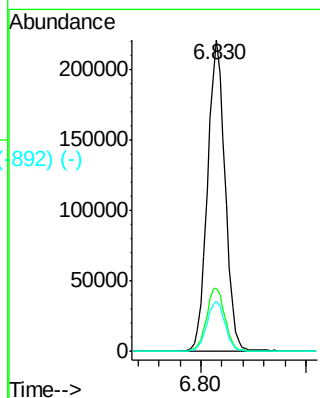
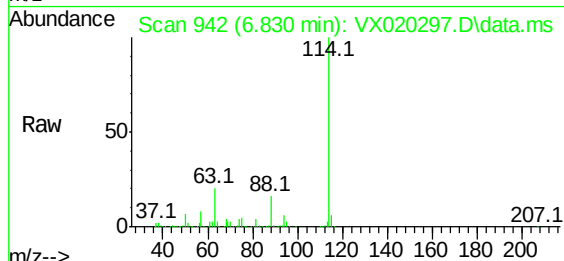




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020297.D
Acq: 22 Dec 2020 12:46

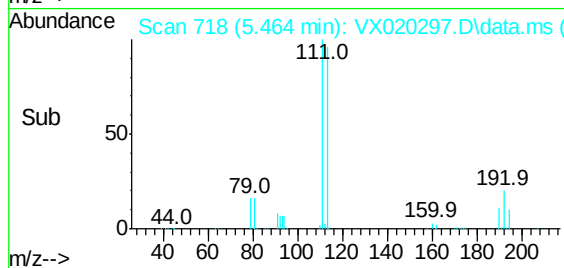
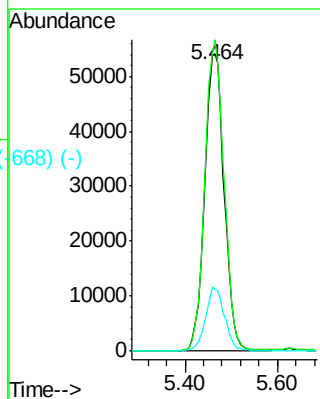
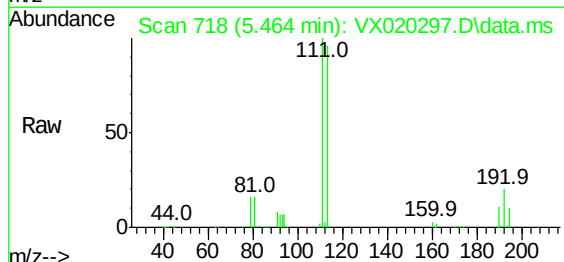
Instrument :
MSVOA_X
ClientSampleId :
49-PZ003(DOB)-121620

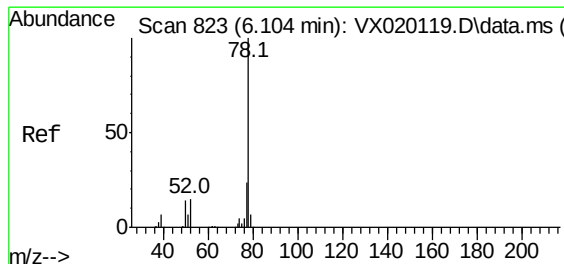
Tgt Ion:	114	Resp:	509959
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	40.8
88	16.2	0.0	32.8



Dibromofluoromethane
Concen: 48.56 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020297.D
Acq: 22 Dec 2020 12:46

Tgt Ion:	113	Resp:	158423
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.9	122.9
192	20.3	16.7	25.1

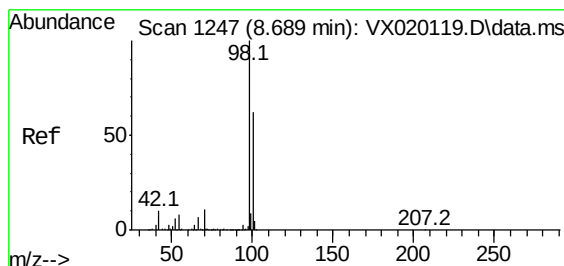
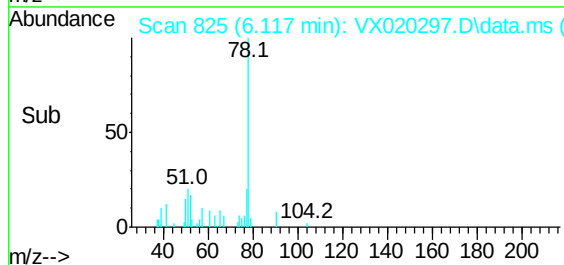
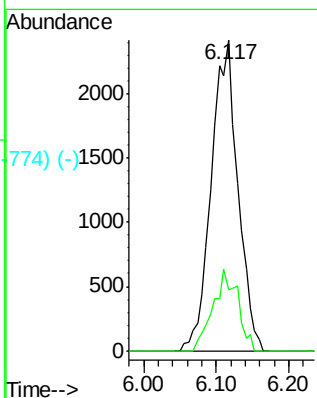
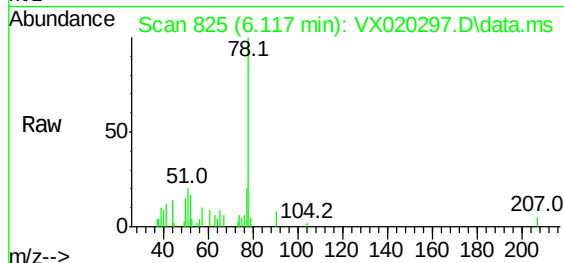




Benzene
Concen: 0.39 ug/l
RT: 6.117 min Scan# 825
Delta R.T. 0.013 min
Lab File: VX020297.D
Acq: 22 Dec 2020 12:46

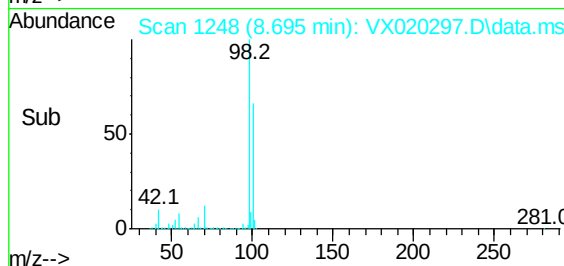
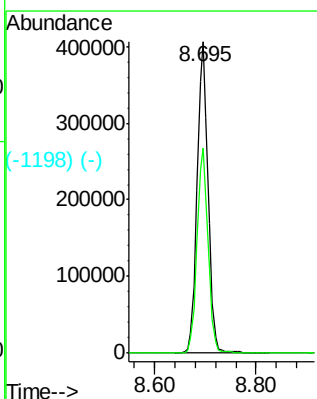
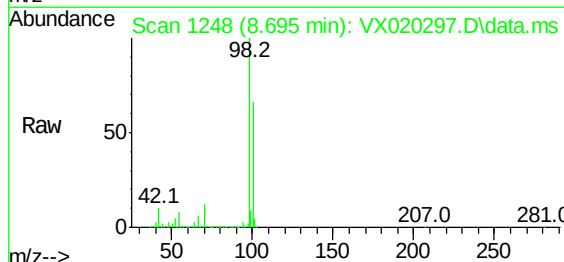
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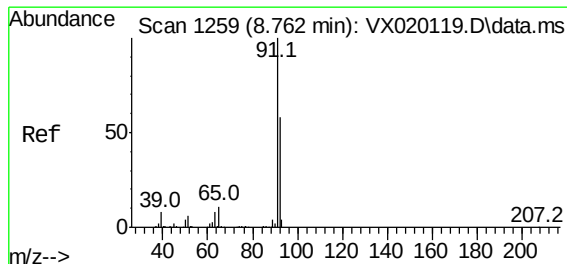
Tgt Ion: 78 Resp: 6113
Ion Ratio Lower Upper
78 100
77 19.8 18.9 28.3



Toluene-d8
Concen: 48.56 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020297.D
Acq: 22 Dec 2020 12:46

Tgt Ion: 98 Resp: 609724
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

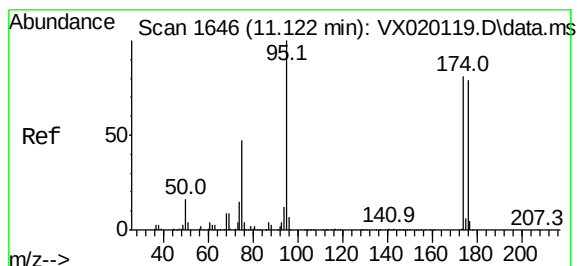
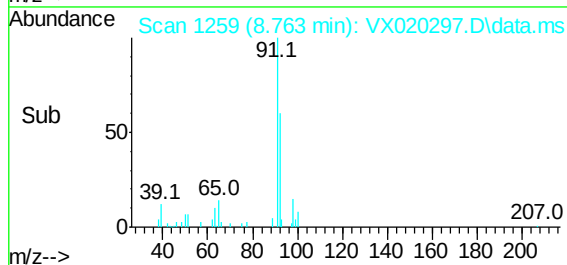
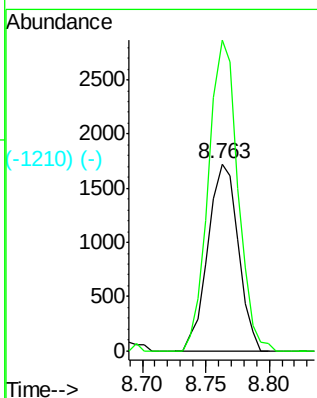
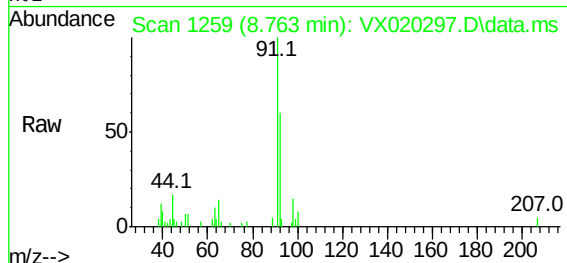




#1259 (-)
Toluene
Concen: 0.29 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020297.D
Acq: 22 Dec 2020 12:46

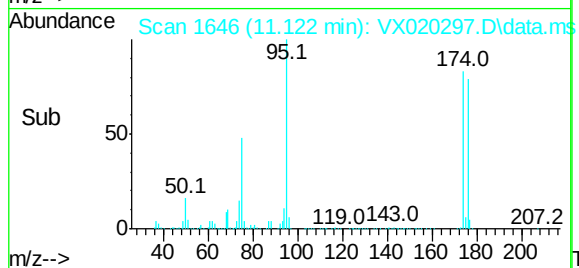
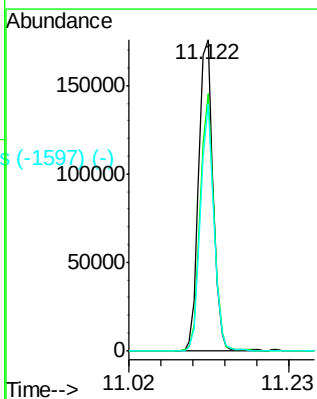
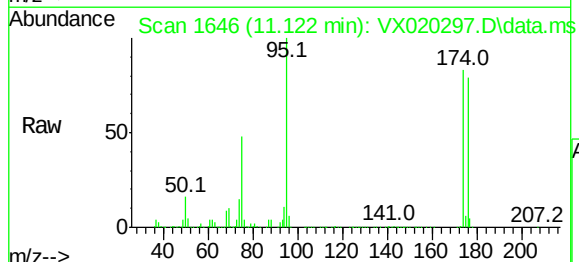
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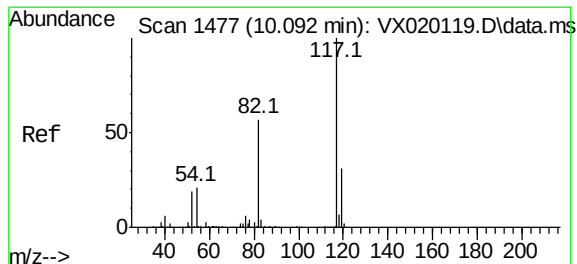
Tgt Ion: 92 Resp: 2783
Ion Ratio Lower Upper
92 100
91 162.0 137.1 205.7



#1646 (-)
4-Bromofluorobenzene
Concen: 47.58 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020297.D
Acq: 22 Dec 2020 12:46

Tgt Ion: 95 Resp: 228660
Ion Ratio Lower Upper
95 100
174 78.7 0.0 154.6
176 74.0 0.0 155.8

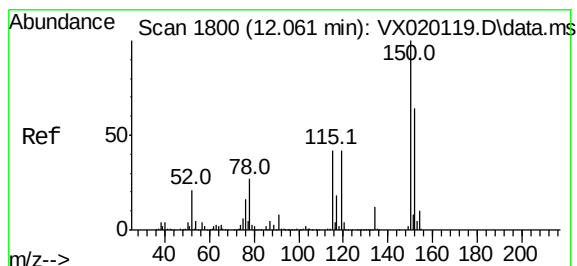
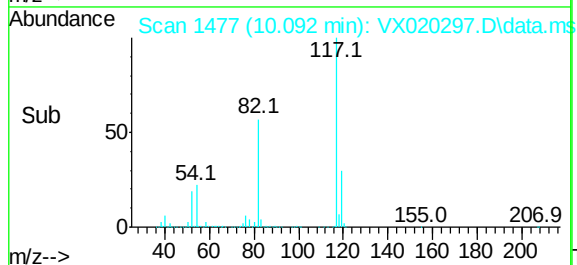
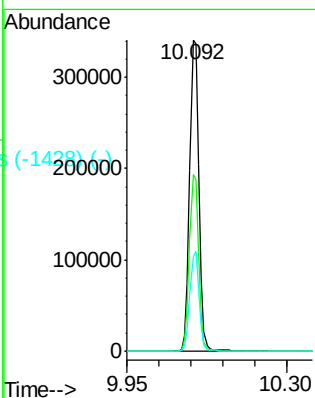
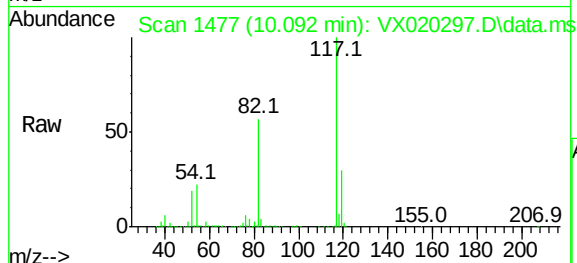




#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020297.D
Acq: 22 Dec 2020 12:46

Instrument :
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ClientSampleId :
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Tgt Ion:	117	Resp:	470141
Ion Ratio	Lower	Upper	
117	100		
82	56.9	47.4	71.2
119	30.5	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: VX020297.D
Acq: 22 Dec 2020 12:46

Tgt Ion:	152	Resp:	215222
Ion Ratio	Lower	Upper	
152	100		
115	61.0	41.1	123.3
150	160.1	0.0	349.0

