

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080321\
 Data File : VD069963.D
 Acq On : 03 Aug 2021 13:48
 Operator : VA/SY
 Sample : M3268-04
 Misc : 5.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210500-86

Quant Time: Aug 04 01:32:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

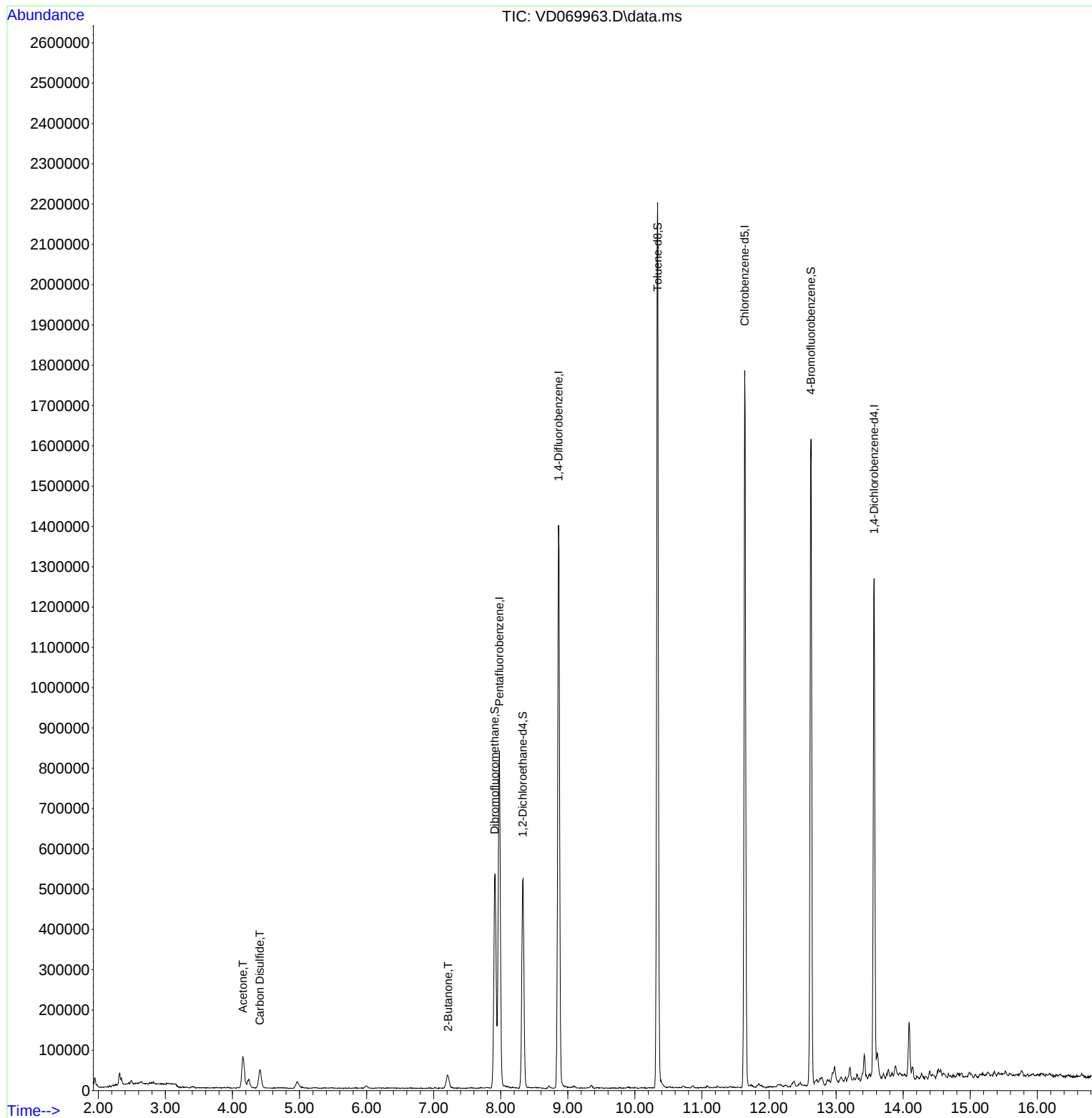
Internal Standards						
1) Pentafluorobenzene	7.979	168	579452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1191376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1028513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	329868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	409152	61.395	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.800%			
35) Dibromofluoromethane	7.909	113	399176	53.150	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.300%			
50) Toluene-d8	10.338	98	1500995	51.830	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.660%			
62) 4-Bromofluorobenzene	12.626	95	420924	43.491	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.980%			
Target Compounds					Qvalue	
16) Acetone	4.156	43	138908	115.385	ug/l	94
17) Carbon Disulfide	4.409	76	97164	4.099	ug/l	96
25) 2-Butanone	7.214	43	38886	23.819	ug/l	97

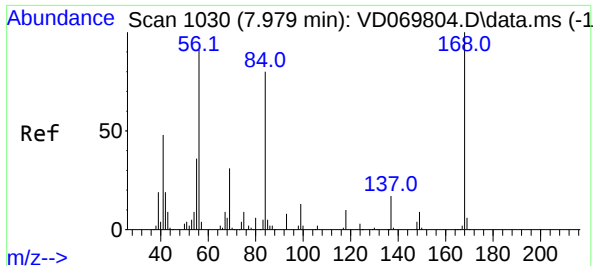
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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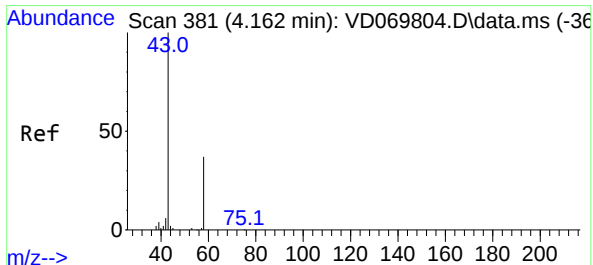
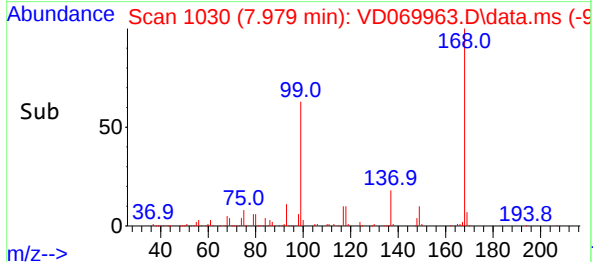
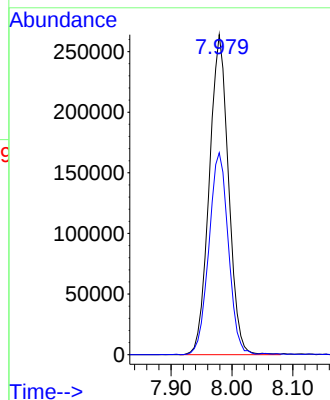
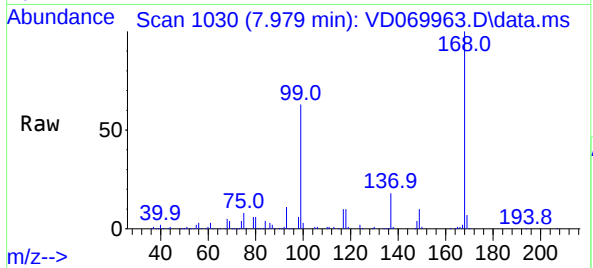




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069963.D
Acq: 03 Aug 2021 13:48

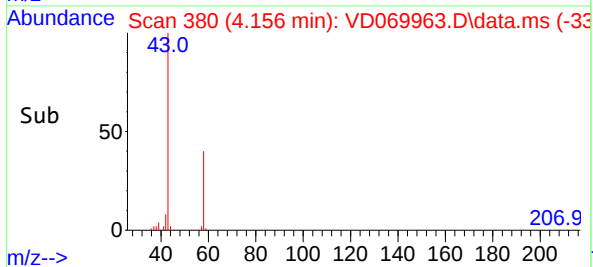
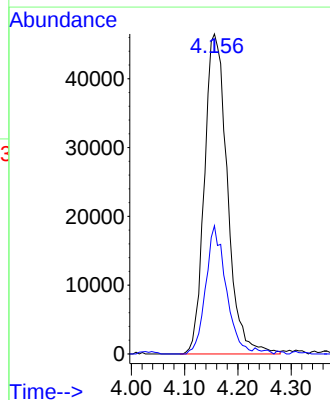
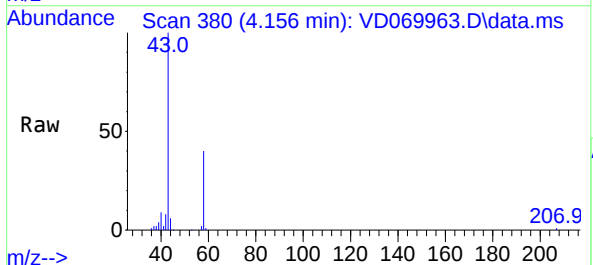
Instrument :
MSVOA_D
ClientSampleId :
20210500-86

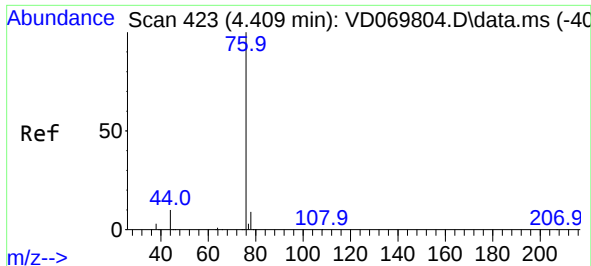
Tgt Ion:168 Resp: 579452
Ion Ratio Lower Upper
168 100
99 63.1 51.1 76.7



#16
Acetone
Concen: 115.385 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069963.D
Acq: 03 Aug 2021 13:48

Tgt Ion: 43 Resp: 138908
Ion Ratio Lower Upper
43 100
58 40.1 29.4 44.0

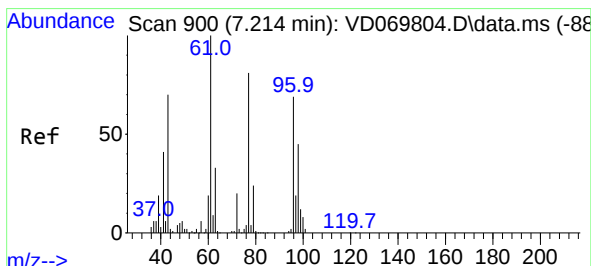
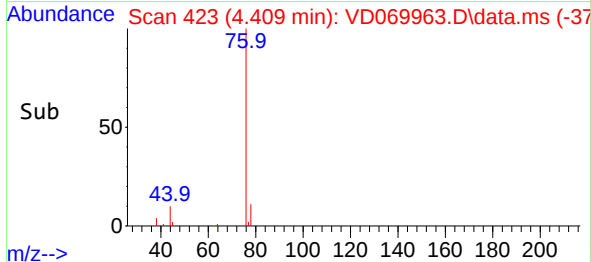
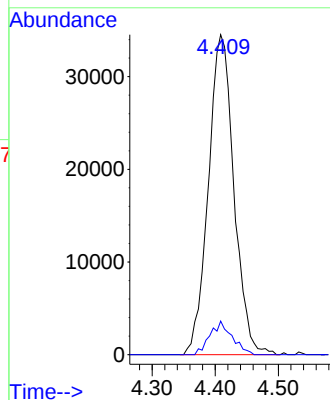
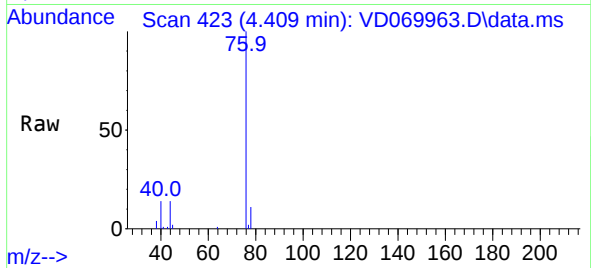




#17
Carbon Disulfide
Concen: 4.099 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069963.D
Acq: 03 Aug 2021 13:48

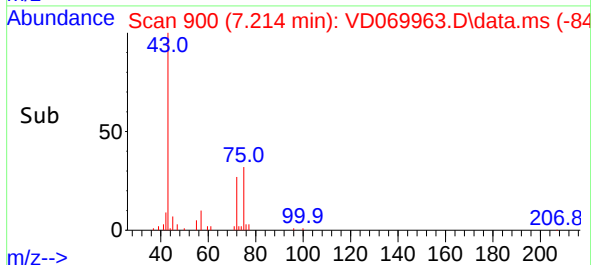
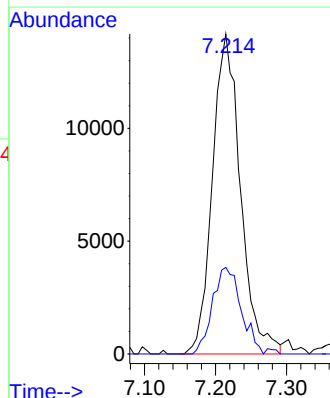
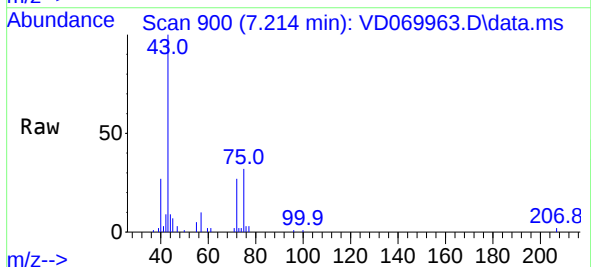
Instrument :
MSVOA_D
ClientSampleId :
20210500-86

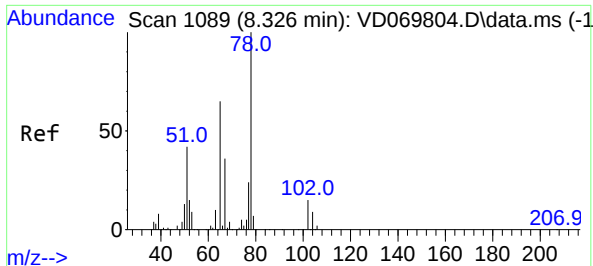
Tgt Ion: 76 Resp: 97164
Ion Ratio Lower Upper
76 100
78 10.5 7.3 10.9



#25
2-Butanone
Concen: 23.819 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069963.D
Acq: 03 Aug 2021 13:48

Tgt Ion: 43 Resp: 38886
Ion Ratio Lower Upper
43 100
72 27.0 22.8 34.2

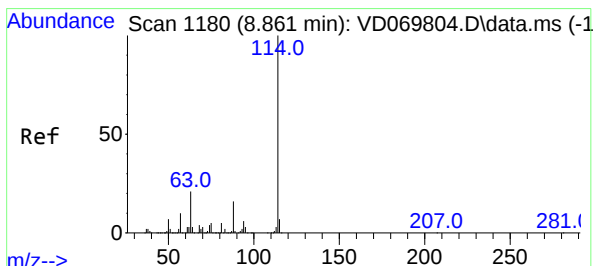
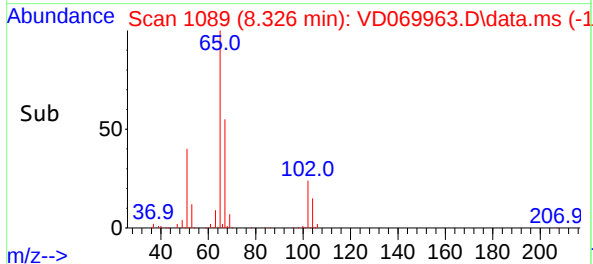
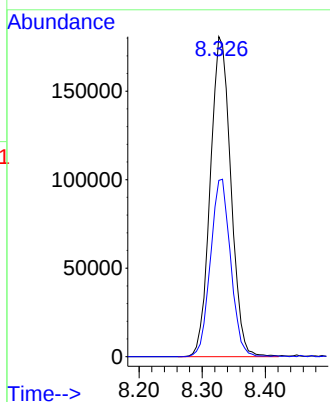
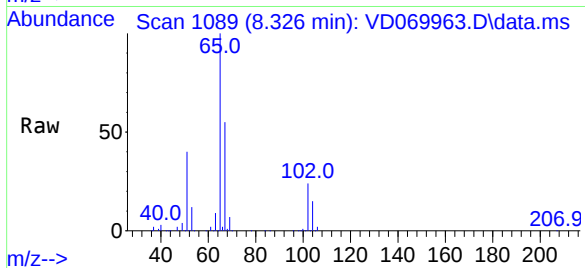




#33
1,2-Dichloroethane-d4
Concen: 61.395 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069963.D
Acq: 03 Aug 2021 13:48

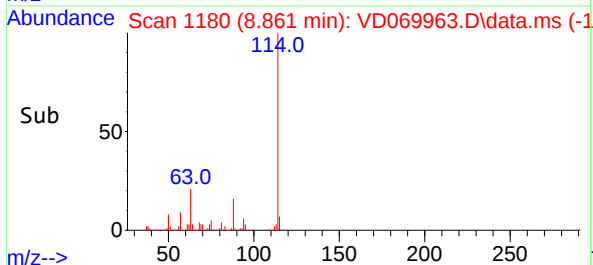
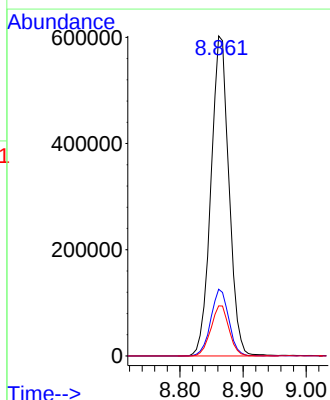
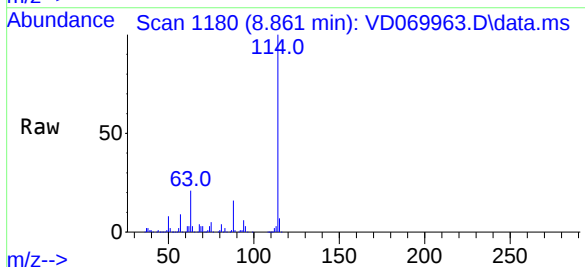
Instrument :
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ClientSampleId :
20210500-86

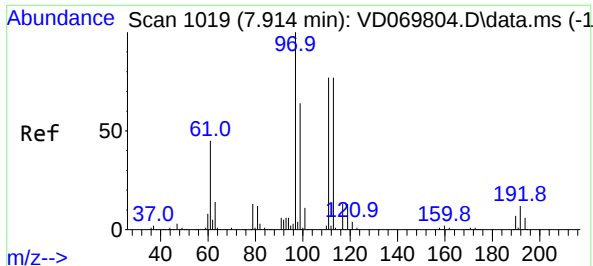
Tgt Ion: 65 Resp: 409152
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069963.D
Acq: 03 Aug 2021 13:48

Tgt Ion: 114 Resp: 1191376
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.6
88 15.6 0.0 31.4

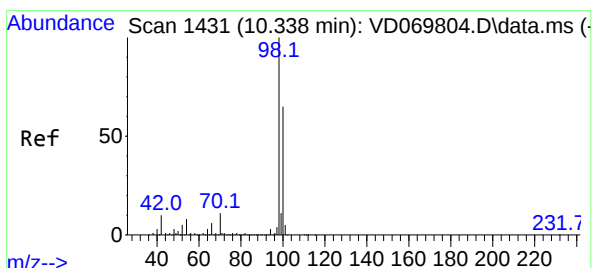
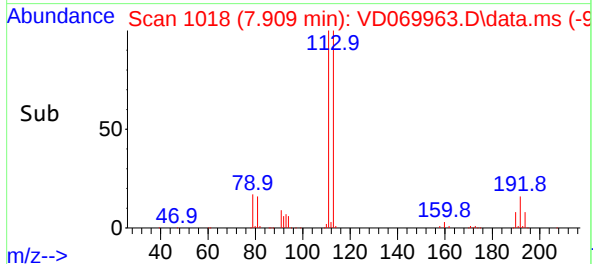
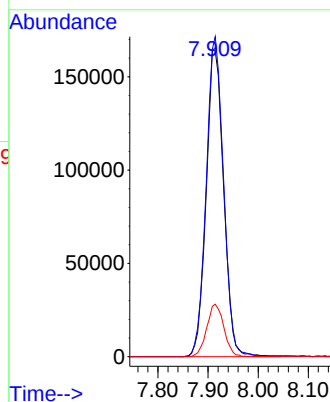
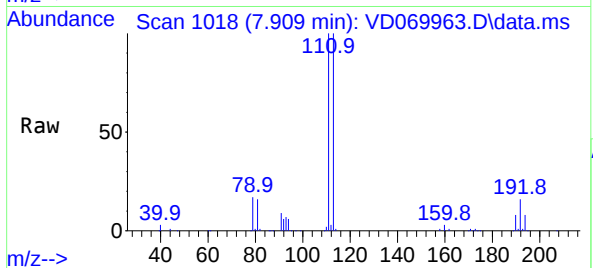




#35
Dibromofluoromethane
Concen: 53.150 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069963.D
Acq: 03 Aug 2021 13:48

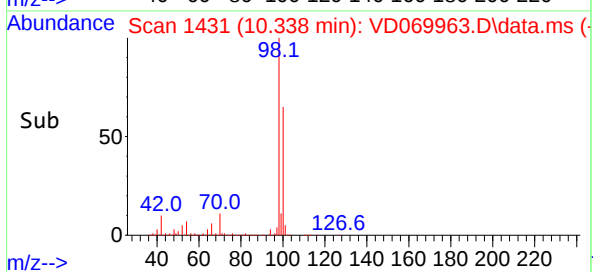
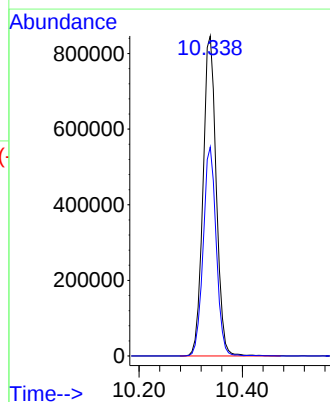
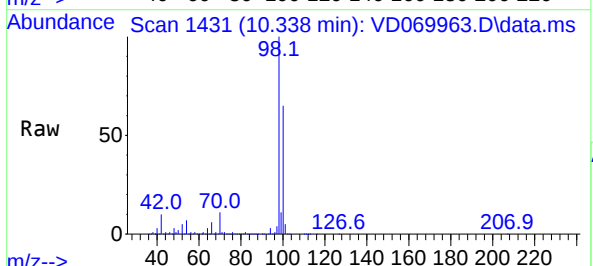
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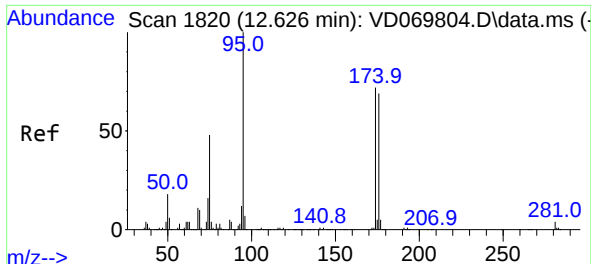
Tgt Ion:113 Resp: 399176
Ion Ratio Lower Upper
113 100
111 103.3 80.5 120.7
192 16.7 12.6 19.0



#50
Toluene-d8
Concen: 51.830 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069963.D
Acq: 03 Aug 2021 13:48

Tgt Ion: 98 Resp: 1500995
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

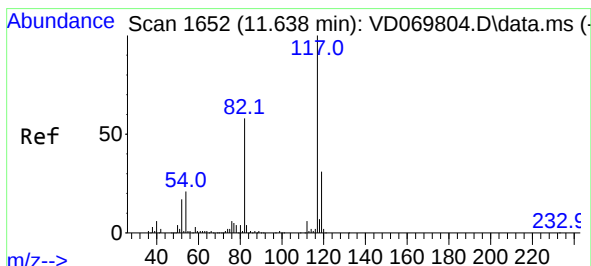
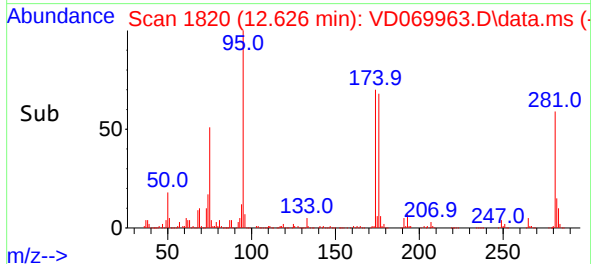
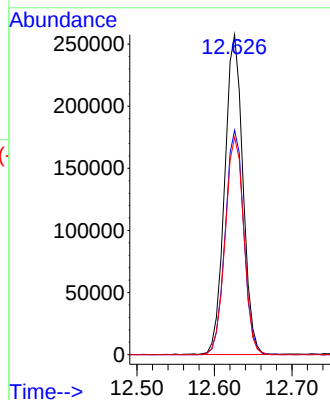
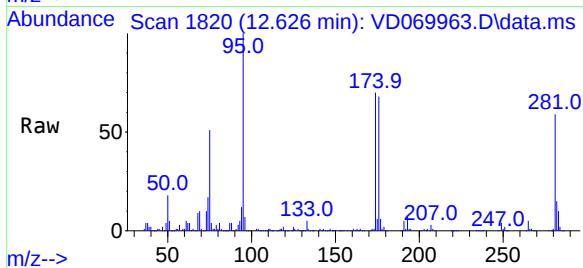




#62
4-Bromofluorobenzene
Concen: 43.491 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069963.D
Acq: 03 Aug 2021 13:48

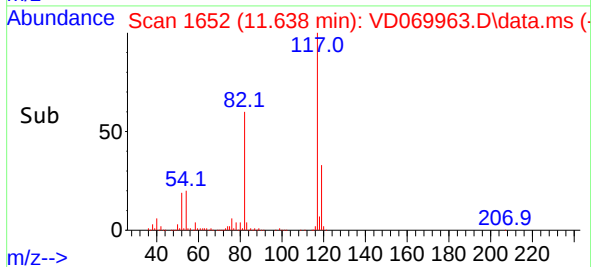
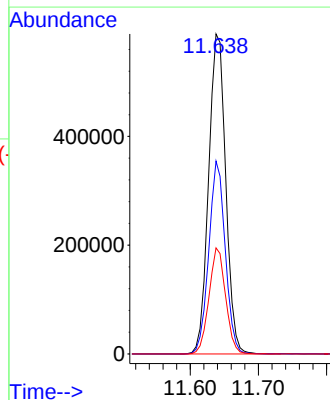
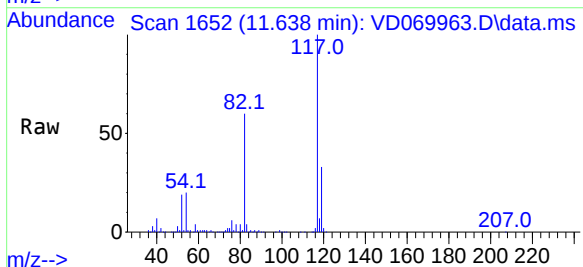
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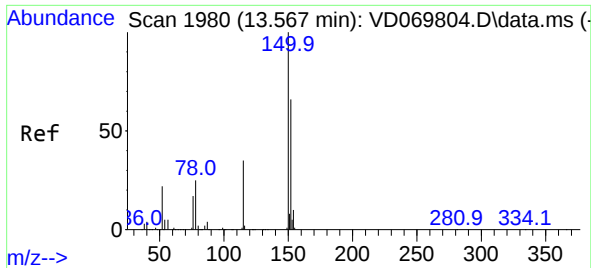
Tgt Ion: 95 Resp: 420924
Ion Ratio Lower Upper
95 100
174 71.3 0.0 142.6
176 69.4 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069963.D
Acq: 03 Aug 2021 13:48

Tgt Ion: 117 Resp: 1028513
Ion Ratio Lower Upper
117 100
82 60.2 46.3 69.5
119 33.1 24.7 37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069963.D
 Acq: 03 Aug 2021 13:48

Instrument :
 MSVOA_D
 ClientSampleId :
 20210500-86

Tgt Ion:152 Resp: 329868

Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.1	93.3
150	159.2	0.0	343.0

