

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080321\
 Data File : VD069960.D
 Acq On : 03 Aug 2021 12:22
 Operator : VA/SY
 Sample : M3268-01
 Misc : 11.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210420-6

Quant Time: Aug 04 01:31:32 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)

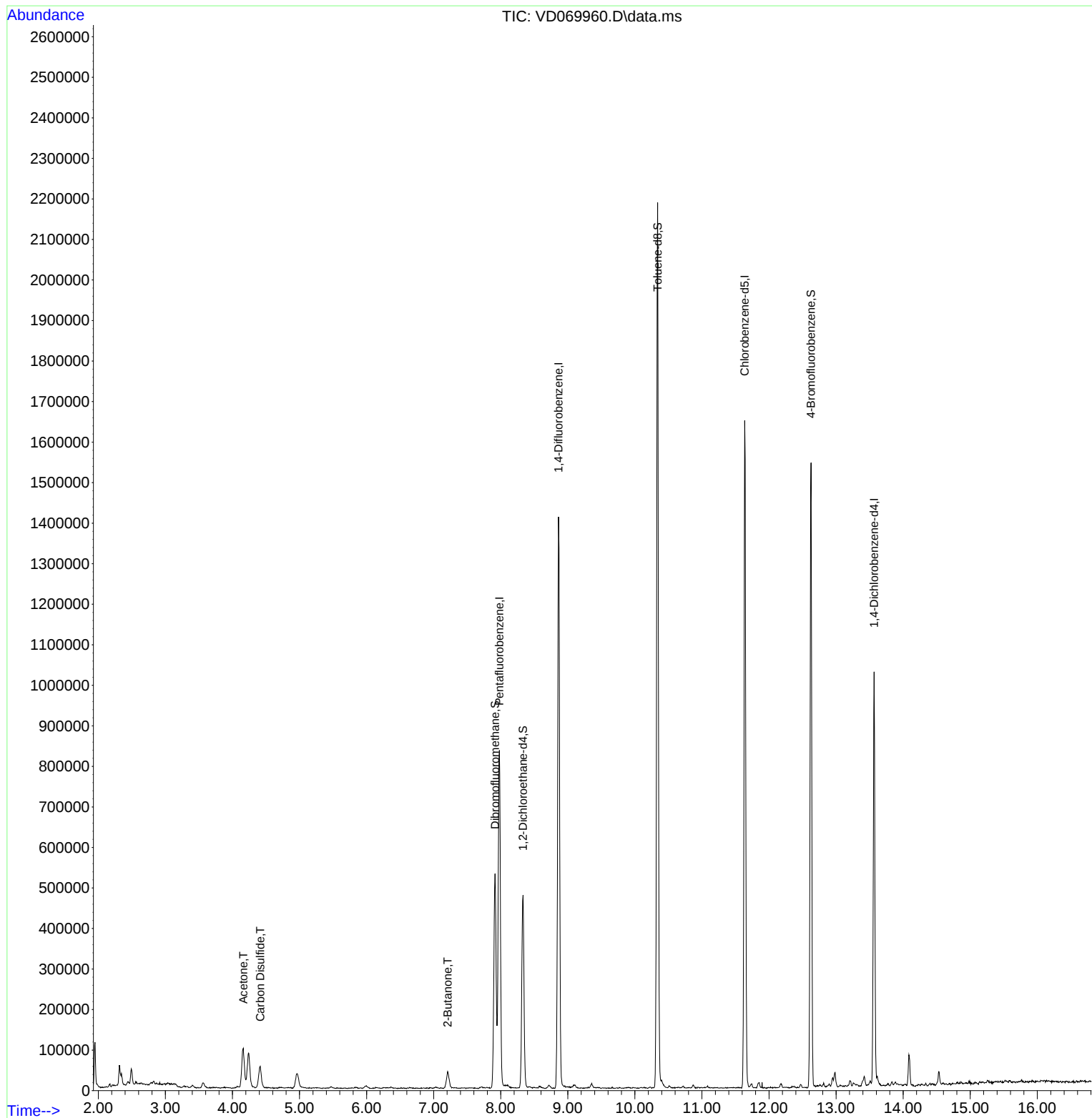
Internal Standards						
1) Pentafluorobenzene	7.979	168	600277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1198400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	969928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	266404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	379057	54.906	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.820%	
35) Dibromofluoromethane	7.914	113	398528	52.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.500%	
50) Toluene-d8	10.338	98	1480092	50.809	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	12.626	95	370040	38.009	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.020%	
Target Compounds						Qvalue
16) Acetone	4.162	43	172647	138.435	ug/l	95
17) Carbon Disulfide	4.415	76	113472	4.621	ug/l	97
25) 2-Butanone	7.209	43	51697	30.567	ug/l	98

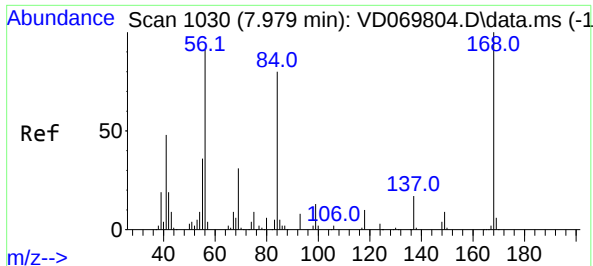
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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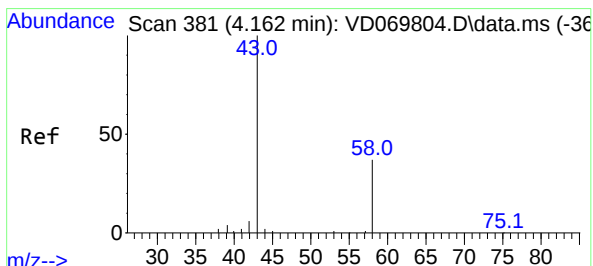
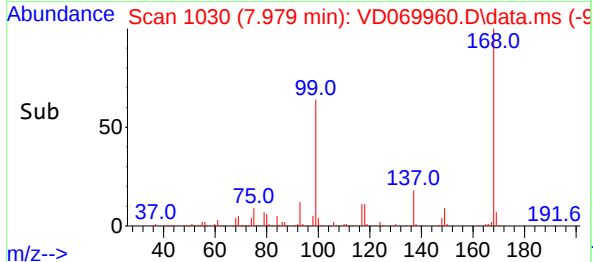
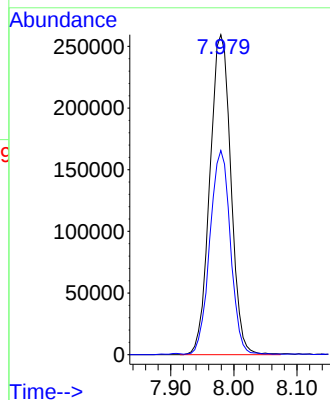
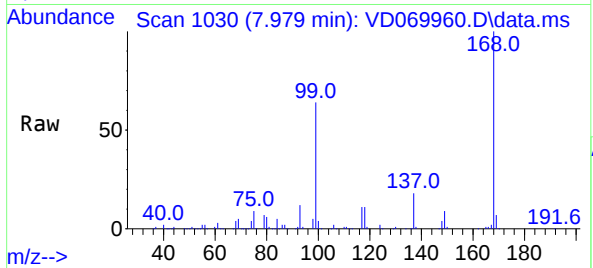




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069960.D
Acq: 03 Aug 2021 12:22

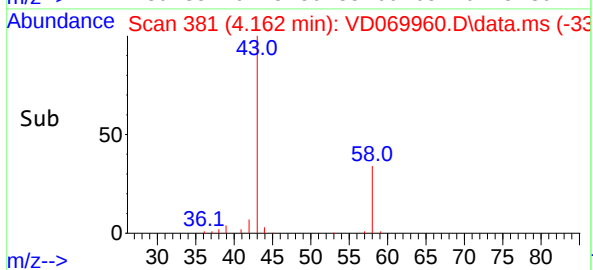
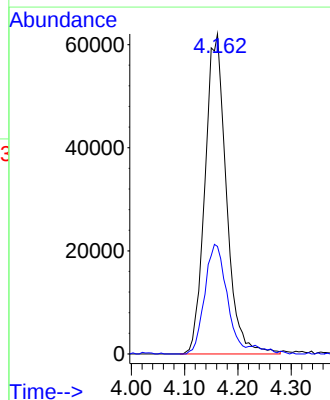
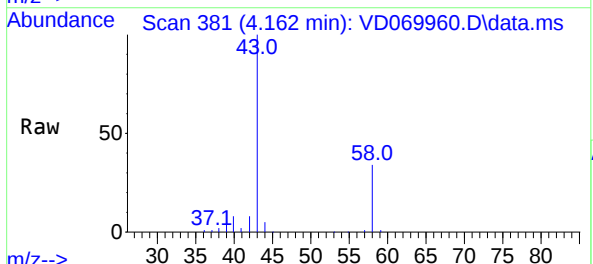
Instrument :
MSVOA_D
ClientSampleId :
20210420-6

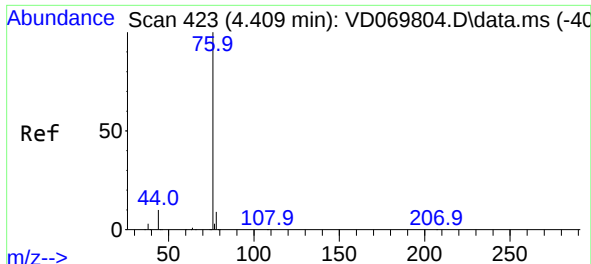
Tgt Ion:168 Resp: 600277
Ion Ratio Lower Upper
168 100
99 63.6 51.1 76.7



#16
Acetone
Concen: 138.435 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069960.D
Acq: 03 Aug 2021 12:22

Tgt Ion: 43 Resp: 172647
Ion Ratio Lower Upper
43 100
58 33.6 29.4 44.0

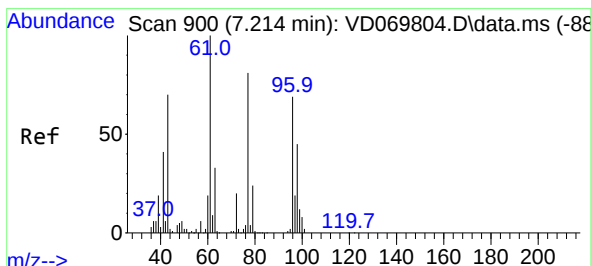
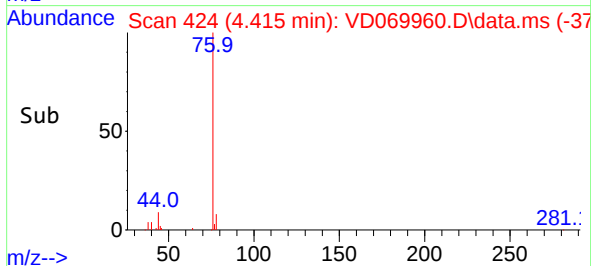
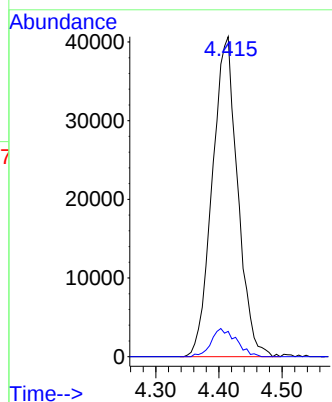
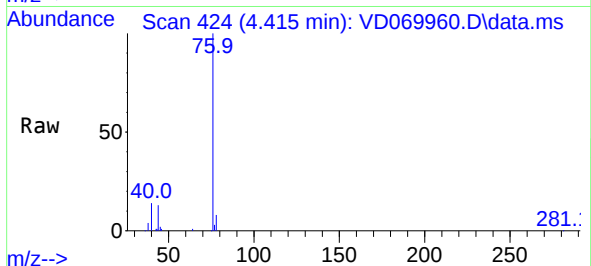




#17
Carbon Disulfide
Concen: 4.621 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD069960.D
Acq: 03 Aug 2021 12:22

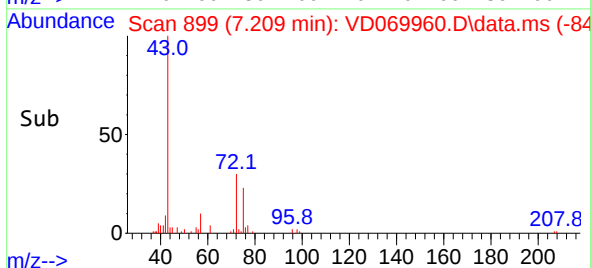
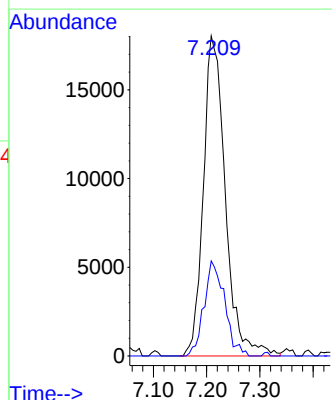
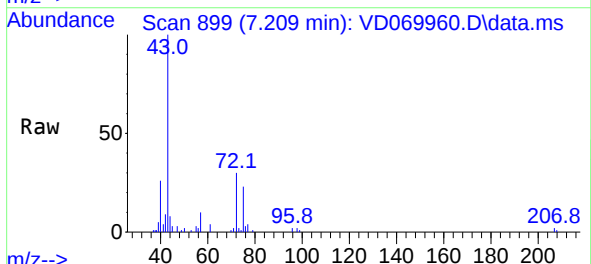
Instrument :
MSVOA_D
ClientSampleId :
20210420-6

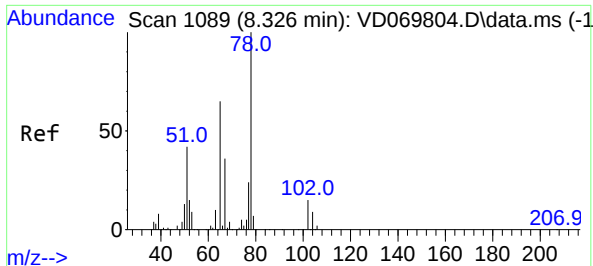
Tgt Ion: 76 Resp: 113472
Ion Ratio Lower Upper
76 100
78 7.9 7.3 10.9



#25
2-Butanone
Concen: 30.567 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069960.D
Acq: 03 Aug 2021 12:22

Tgt Ion: 43 Resp: 51697
Ion Ratio Lower Upper
43 100
72 29.7 22.8 34.2

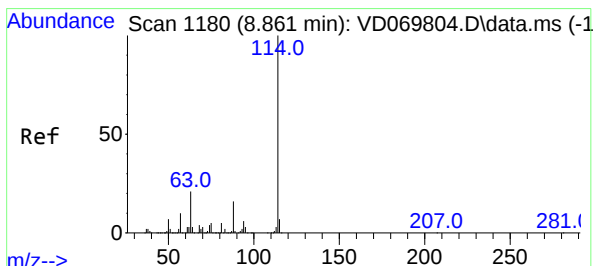
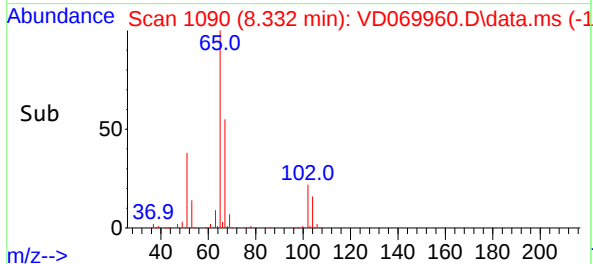
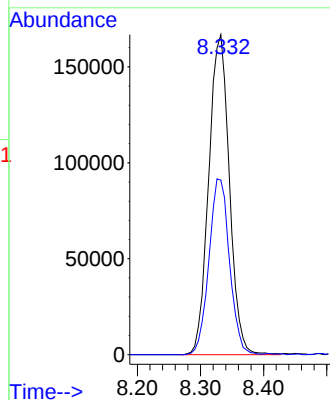
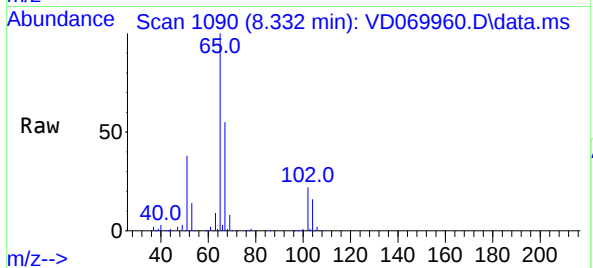




#33
1,2-Dichloroethane-d4
Concen: 54.906 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069960.D
Acq: 03 Aug 2021 12:22

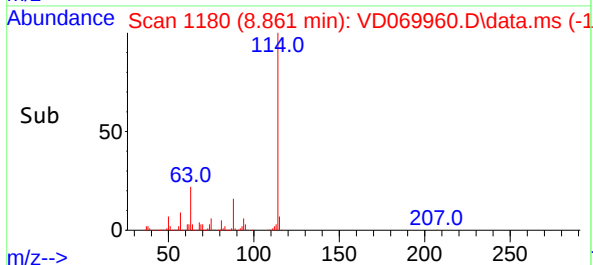
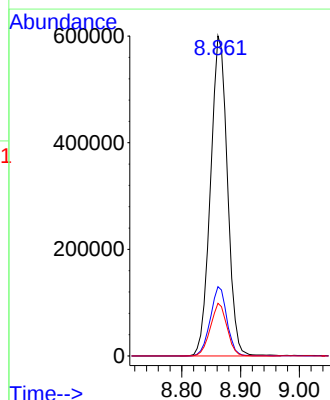
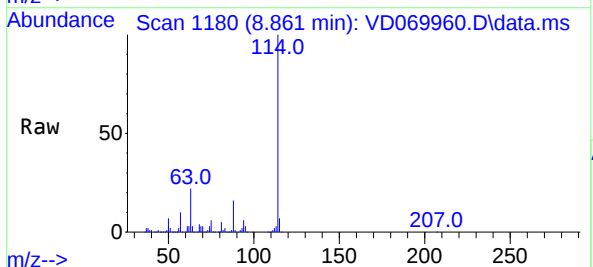
Instrument :
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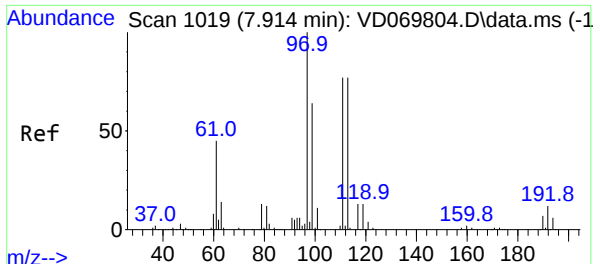
Tgt Ion: 65 Resp: 379057
Ion Ratio Lower Upper
65 100
67 54.6 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069960.D
Acq: 03 Aug 2021 12:22

Tgt Ion:114 Resp: 1198400
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.6
88 16.4 0.0 31.4

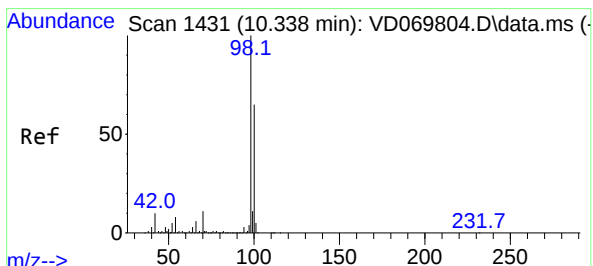
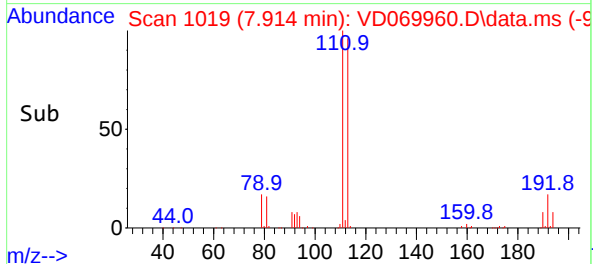
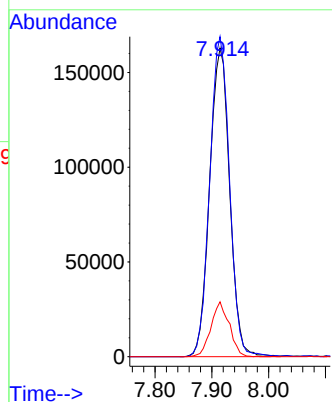
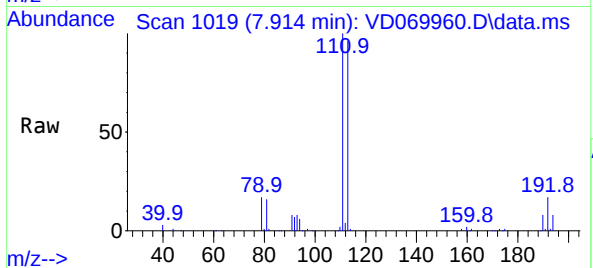




#35
Dibromofluoromethane
Concen: 52.752 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069960.D
Acq: 03 Aug 2021 12:22

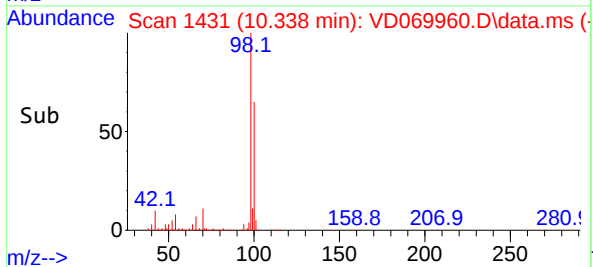
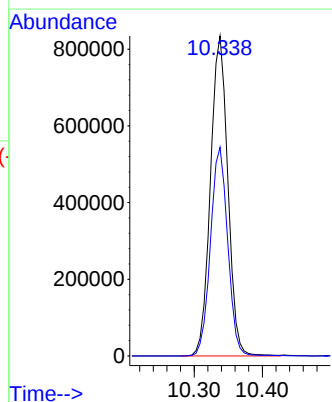
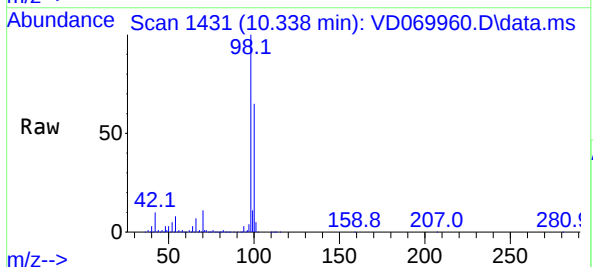
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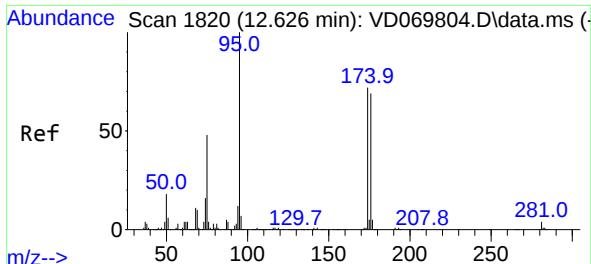
Tgt Ion:113 Resp: 398528
Ion Ratio Lower Upper
113 100
111 102.2 80.5 120.7
192 16.3 12.6 19.0



#50
Toluene-d8
Concen: 50.809 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069960.D
Acq: 03 Aug 2021 12:22

Tgt Ion: 98 Resp: 1480092
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

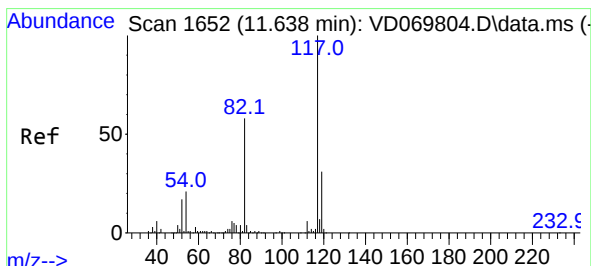
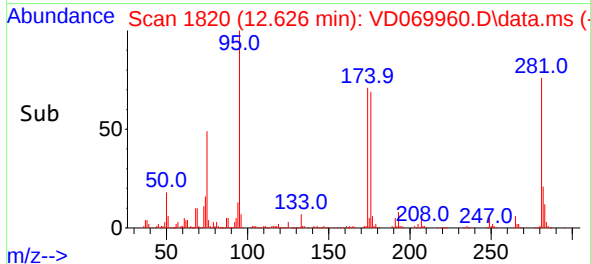
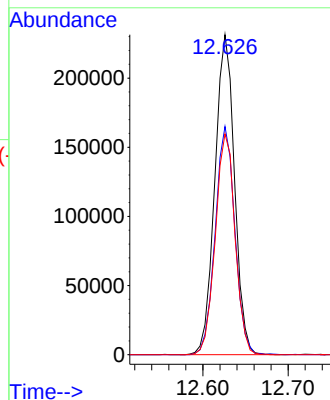
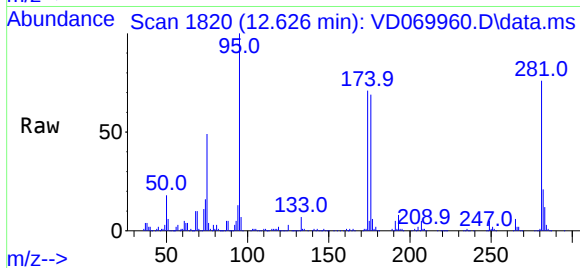




#62
4-Bromofluorobenzene
Concen: 38.009 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069960.D
Acq: 03 Aug 2021 12:22

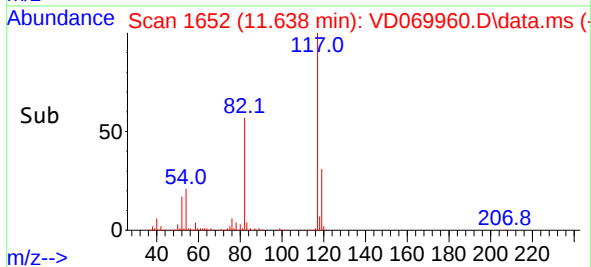
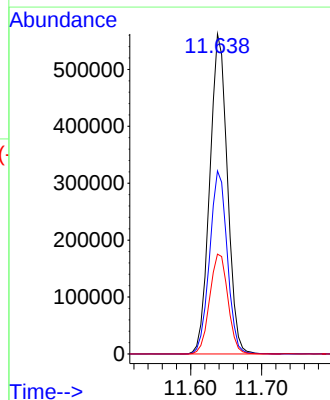
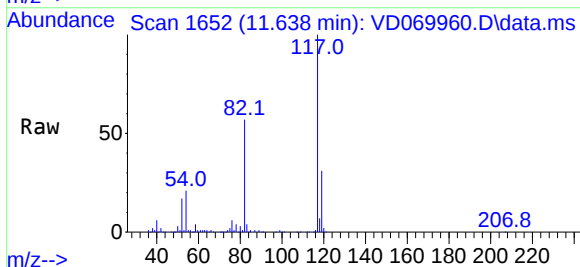
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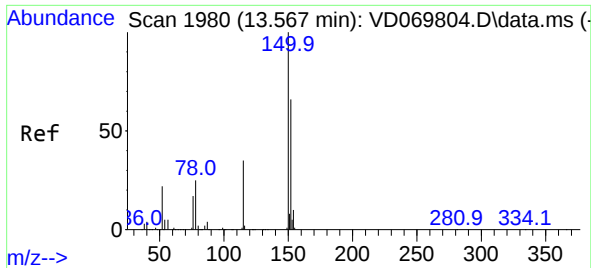
Tgt Ion: 95 Resp: 370040
Ion Ratio Lower Upper
95 100
174 71.5 0.0 142.6
176 69.3 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069960.D
Acq: 03 Aug 2021 12:22

Tgt Ion: 117 Resp: 969928
Ion Ratio Lower Upper
117 100
82 57.2 46.3 69.5
119 31.2 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: VD069960.D
 Acq: 03 Aug 2021 12:22

Instrument :
 MSVOA_D
 ClientSampleId :
 20210420-6

Tgt Ion:152 Resp: 266404
 Ion Ratio Lower Upper
 152 100
 115 63.0 31.1 93.3
 150 158.6 0.0 343.0

