

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080421\
 Data File : VD069989.D
 Acq On : 04 Aug 2021 16:41
 Operator : VA/SY
 Sample : M3279-15
 Misc : 8.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210491-77

Quant Time: Aug 05 03:12:10 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)

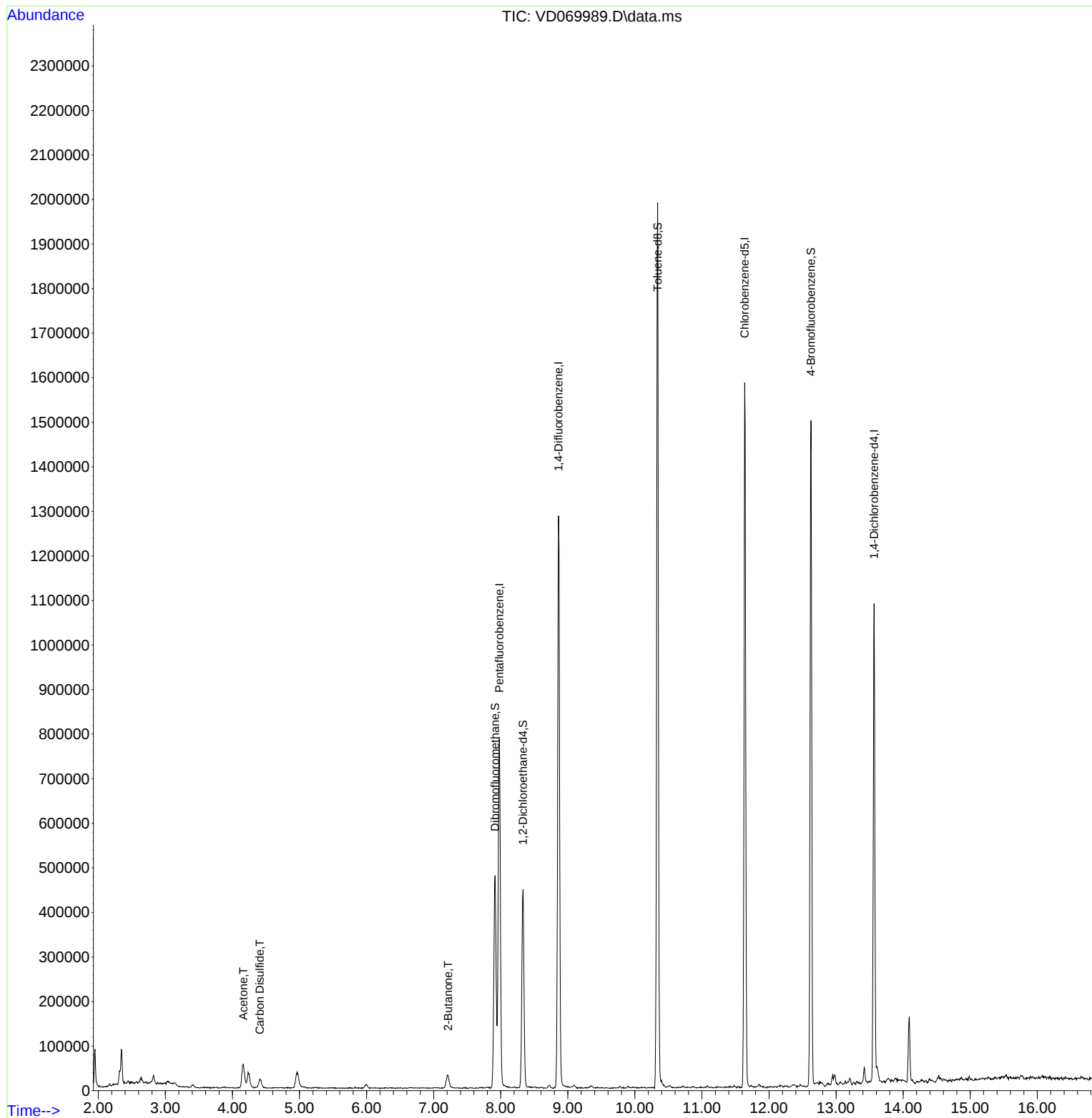
Internal Standards						
1) Pentafluorobenzene	7.979	168	556342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1095434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	919410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	279132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	351437	54.925	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.860%			
35) Dibromofluoromethane	7.914	113	359746	52.095	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.180%			
50) Toluene-d8	10.338	98	1362820	51.181	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.360%			
62) 4-Bromofluorobenzene	12.626	95	366850	41.224	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 82.440%			
Target Compounds					Qvalue	
16) Acetone	4.162	43	94327	81.608	ug/l	91
17) Carbon Disulfide	4.409	76	41476	1.822	ug/l	100
25) 2-Butanone	7.214	43	32685	20.852	ug/l	93

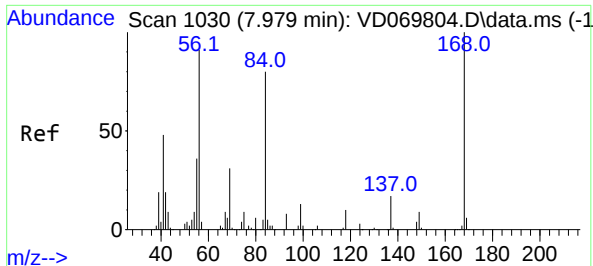
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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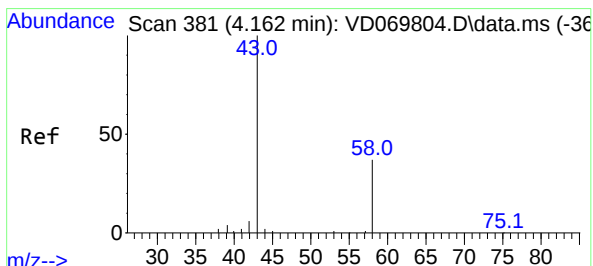
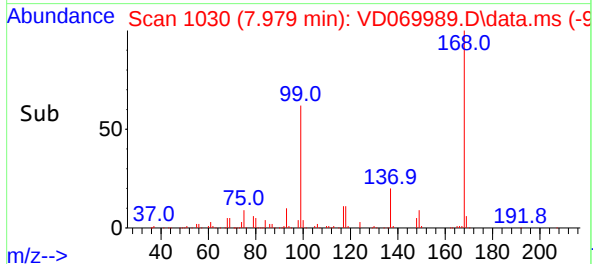
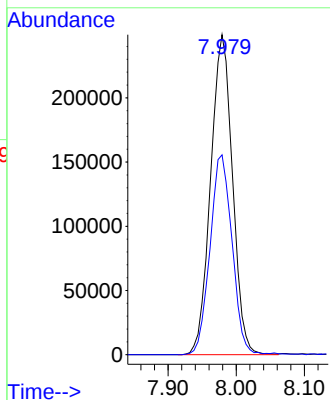
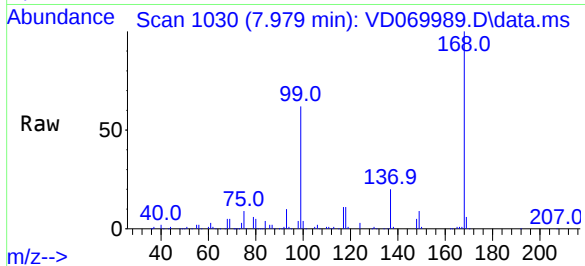




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069989.D
Acq: 04 Aug 2021 16:41

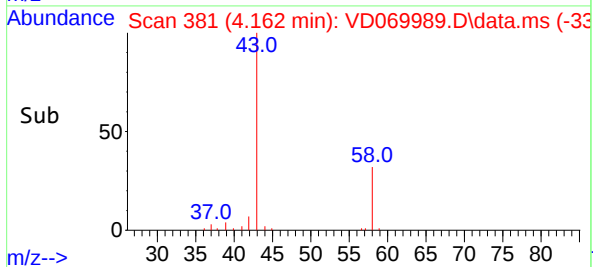
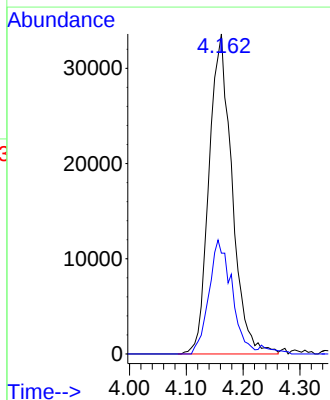
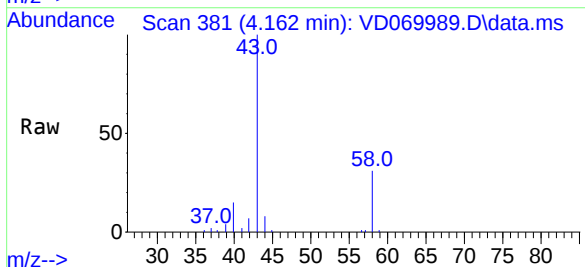
Instrument :
MSVOA_D
ClientSampleId :
20210491-77

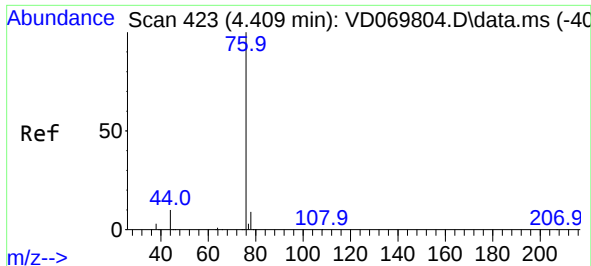
Tgt Ion:168 Resp: 556342
Ion Ratio Lower Upper
168 100
99 62.5 51.1 76.7



#16
Acetone
Concen: 81.608 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069989.D
Acq: 04 Aug 2021 16:41

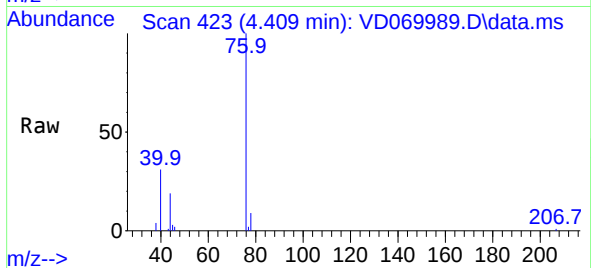
Tgt Ion: 43 Resp: 94327
Ion Ratio Lower Upper
43 100
58 31.5 29.4 44.0



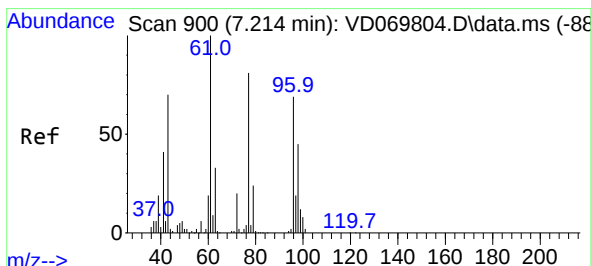
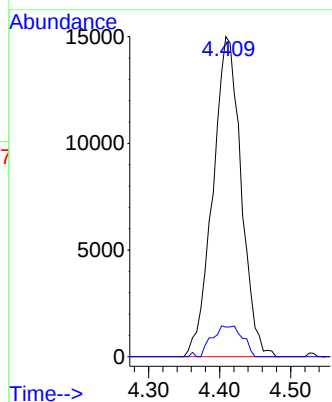
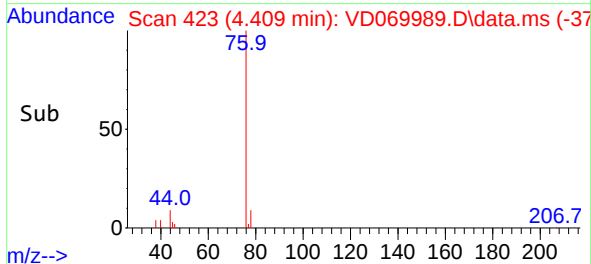


#17
Carbon Disulfide
Concen: 1.822 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069989.D
Acq: 04 Aug 2021 16:41

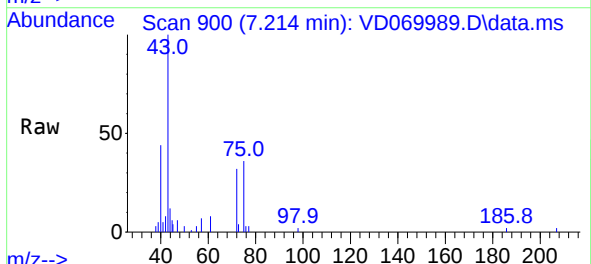
Instrument :
MSVOA_D
ClientSampleId :
20210491-77



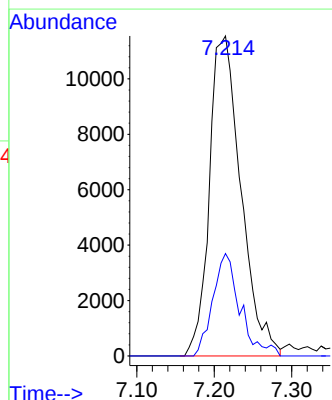
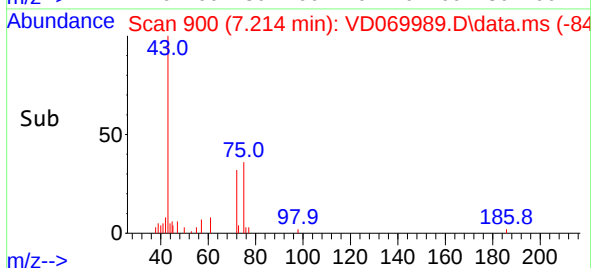
Tgt Ion: 76 Resp: 41476
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

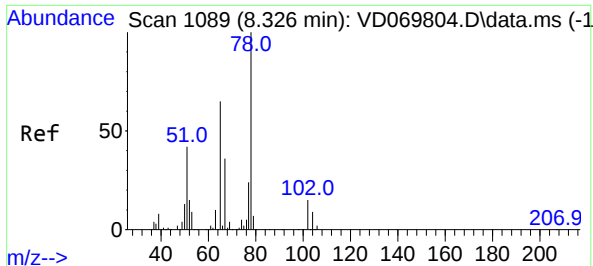


#25
2-Butanone
Concen: 20.852 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069989.D
Acq: 04 Aug 2021 16:41



Tgt Ion: 43 Resp: 32685
Ion Ratio Lower Upper
43 100
72 32.0 22.8 34.2

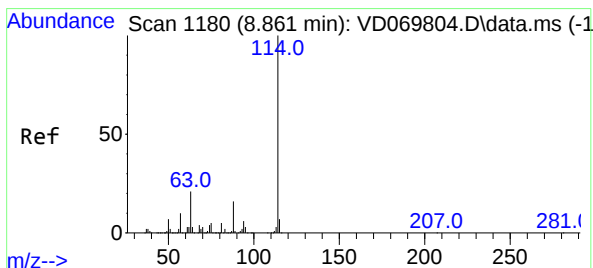
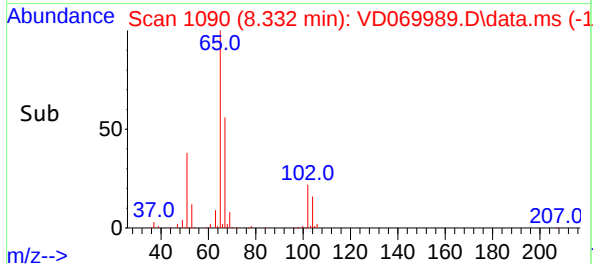
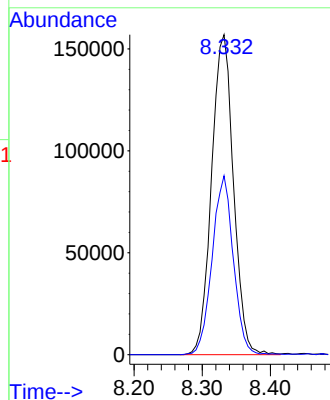
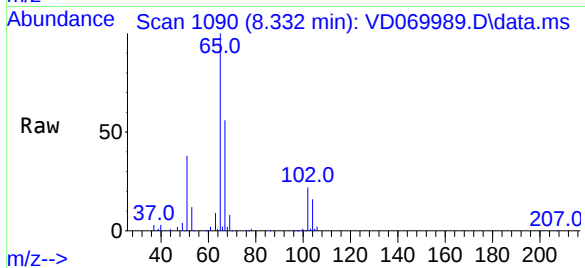




#33
1,2-Dichloroethane-d4
Concen: 54.925 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069989.D
Acq: 04 Aug 2021 16:41

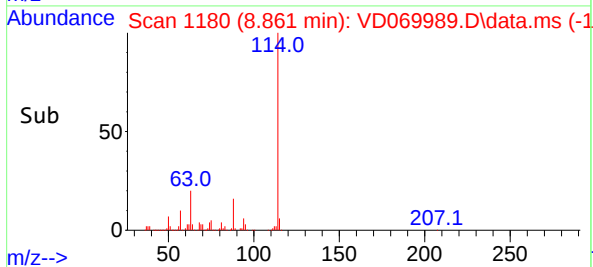
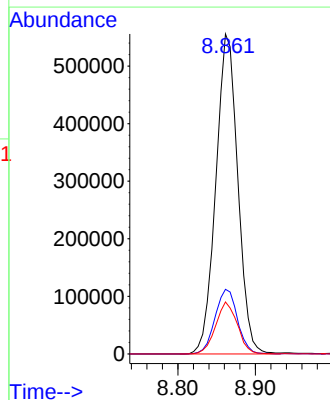
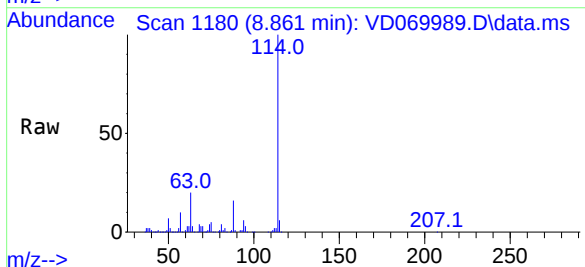
Instrument :
MSVOA_D
ClientSampleId :
20210491-77

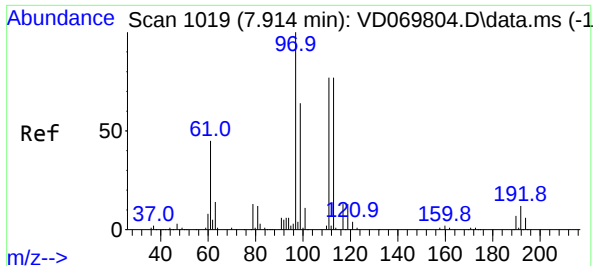
Tgt Ion: 65 Resp: 351437
Ion Ratio Lower Upper
65 100
67 54.1 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069989.D
Acq: 04 Aug 2021 16:41

Tgt Ion:114 Resp: 1095434
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 16.2 0.0 31.4

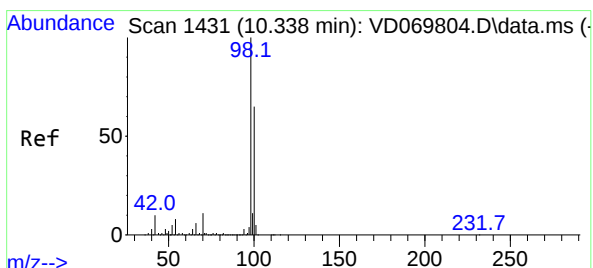
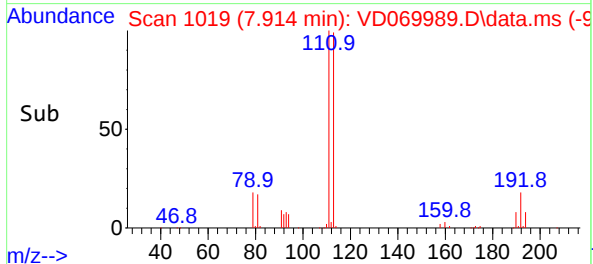
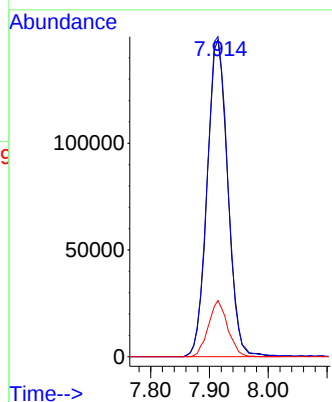
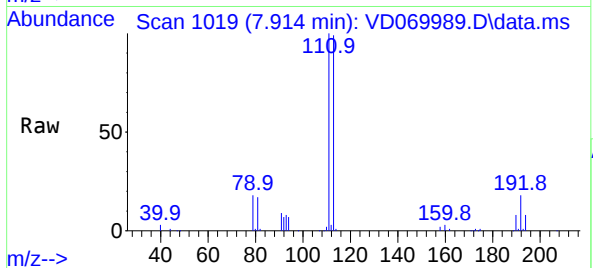




#35
Dibromofluoromethane
Concen: 52.095 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069989.D
Acq: 04 Aug 2021 16:41

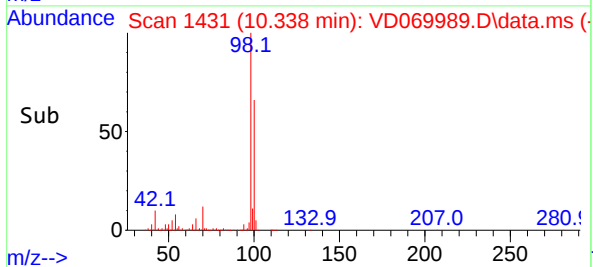
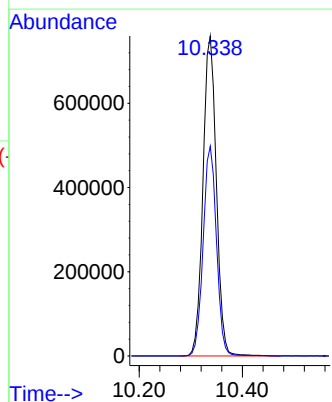
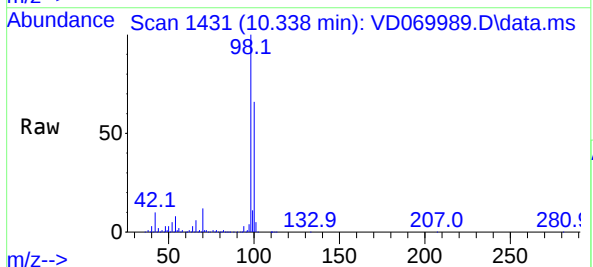
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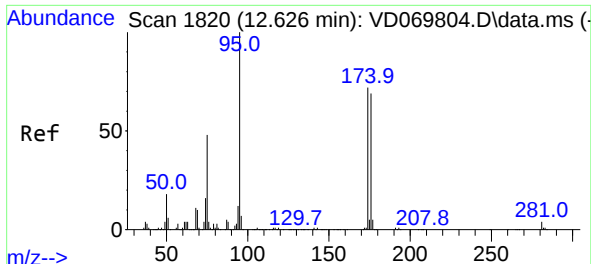
Tgt Ion:113 Resp: 359746
Ion Ratio Lower Upper
113 100
111 102.0 80.5 120.7
192 16.6 12.6 19.0



#50
Toluene-d8
Concen: 51.181 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069989.D
Acq: 04 Aug 2021 16:41

Tgt Ion: 98 Resp: 1362820
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

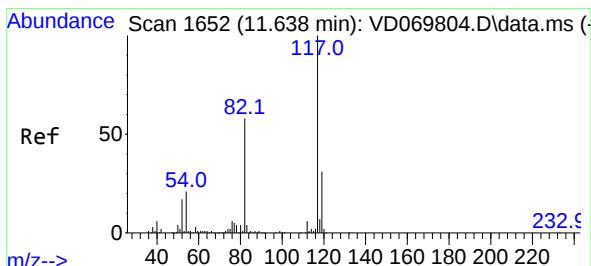
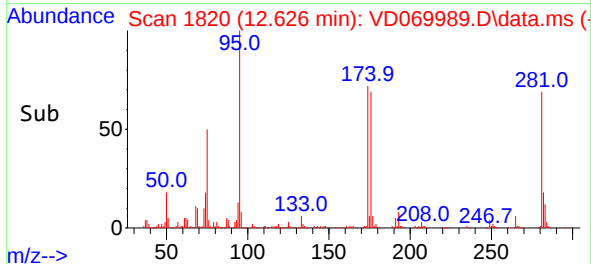
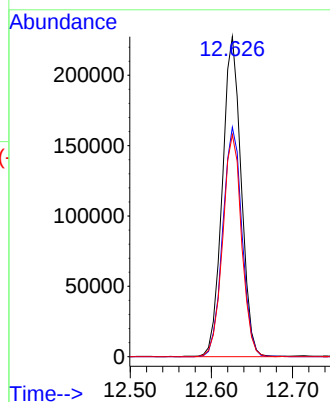
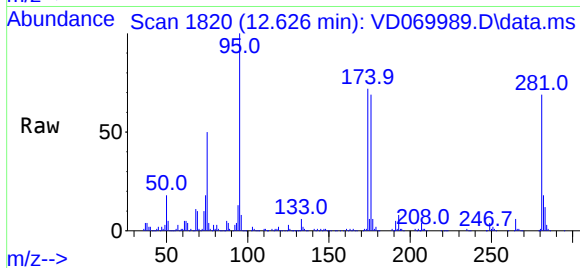




#62
4-Bromofluorobenzene
Concen: 41.224 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069989.D
Acq: 04 Aug 2021 16:41

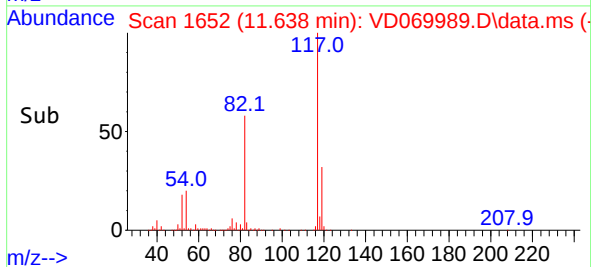
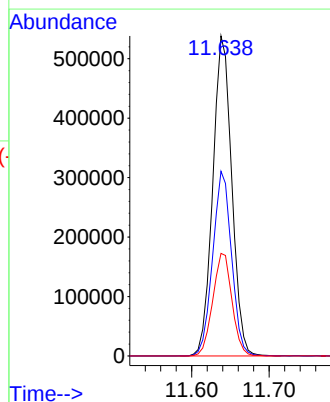
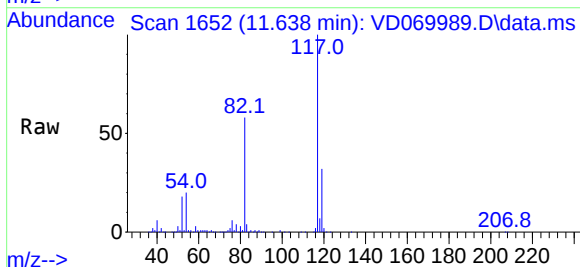
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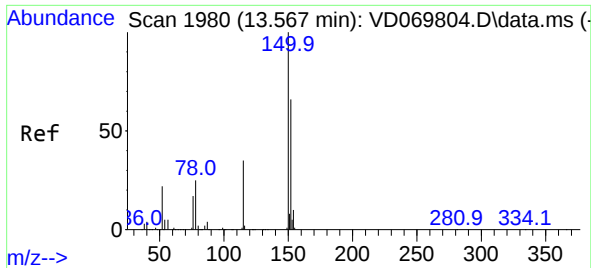
Tgt Ion: 95 Resp: 366850
Ion Ratio Lower Upper
95 100
174 73.2 0.0 142.6
176 69.4 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069989.D
Acq: 04 Aug 2021 16:41

Tgt Ion: 117 Resp: 919410
Ion Ratio Lower Upper
117 100
82 57.7 46.3 69.5
119 32.1 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: VD069989.D
 Acq: 04 Aug 2021 16:41

Instrument :
 MSVOA_D
 ClientSampleId :
 20210491-77

Tgt Ion:	152	Resp:	279132
Ion	Ratio	Lower	Upper
152	100		
115	62.9	31.1	93.3
150	158.5	0.0	343.0

