

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
 Data File : VD069899.D
 Acq On : 28 Jul 2021 20:12
 Operator : VA/SY
 Sample : M3206-01
 Misc : 8.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210428-14

Quant Time: Jul 29 04:03:27 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)

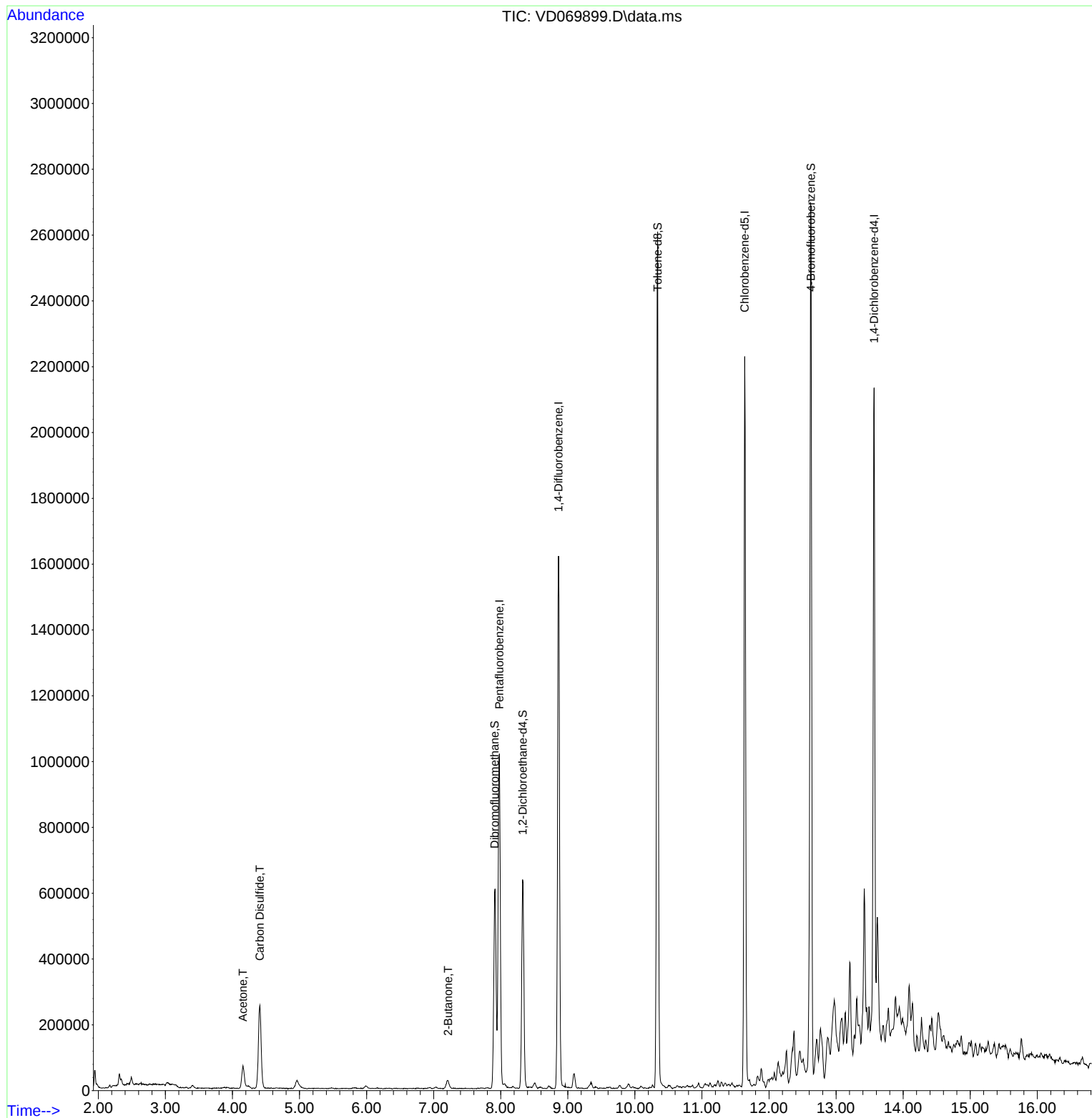
Internal Standards						
1) Pentafluorobenzene	7.979	168	714957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1405463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1268466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	531173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	500556	60.875	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.760%			
35) Dibromofluoromethane	7.909	113	457896	51.681	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.360%			
50) Toluene-d8	10.338	98	1766632	51.711	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.420%			
62) 4-Bromofluorobenzene	12.626	95	623529	54.611	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.220%			
Target Compounds					Qvalue	
16) Acetone	4.156	43	114285	76.939	ug/l	94
17) Carbon Disulfide	4.409	76	562816	19.243	ug/l	97
25) 2-Butanone	7.214	43	32264	16.017	ug/l	96

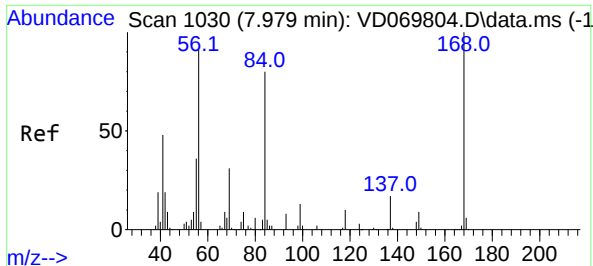
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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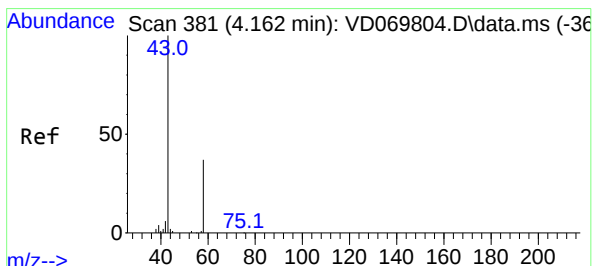
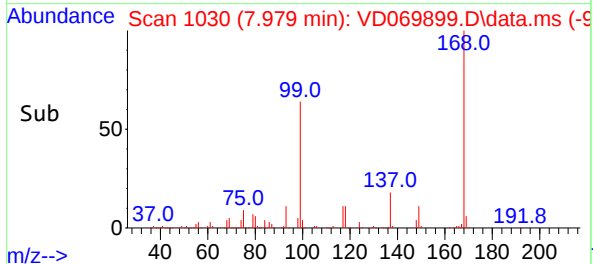
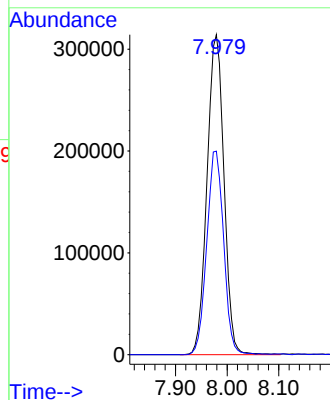
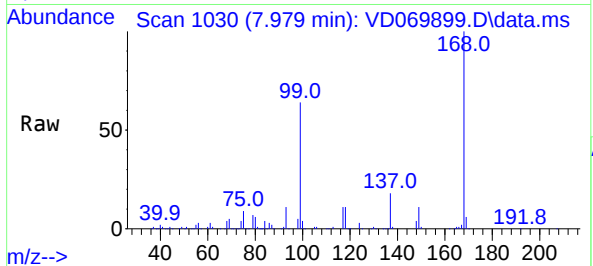




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069899.D
Acq: 28 Jul 2021 20:12

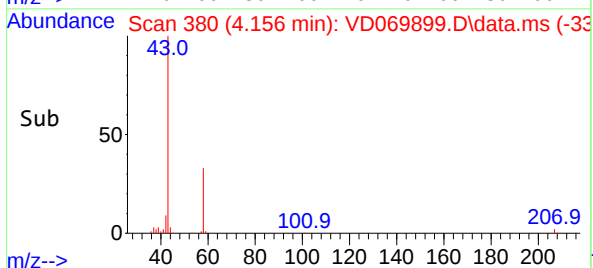
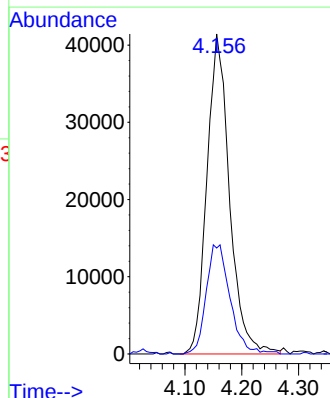
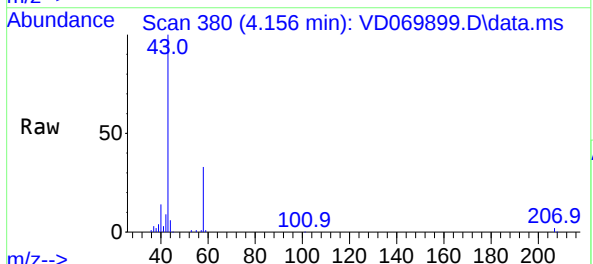
Instrument :
MSVOA_D
ClientSampleId :
20210428-14

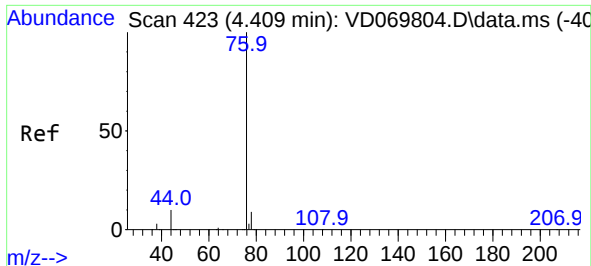
Tgt Ion:168 Resp: 714957
Ion Ratio Lower Upper
168 100
99 63.6 51.1 76.7



#16
Acetone
Concen: 76.939 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069899.D
Acq: 28 Jul 2021 20:12

Tgt Ion: 43 Resp: 114285
Ion Ratio Lower Upper
43 100
58 33.1 29.4 44.0

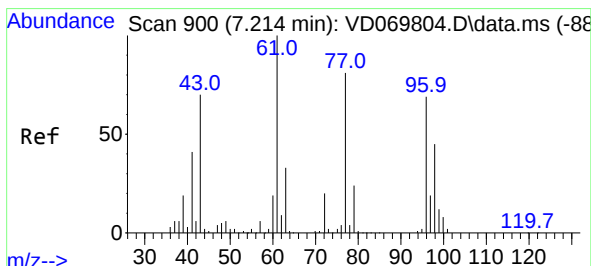
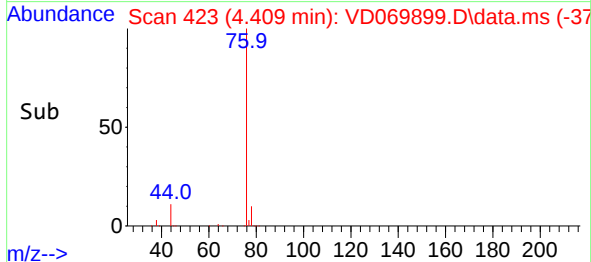
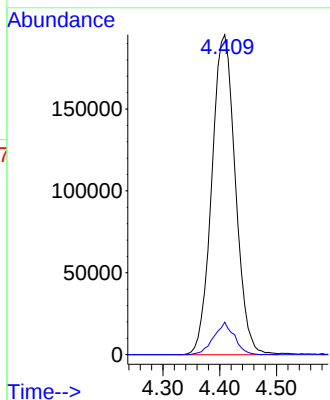
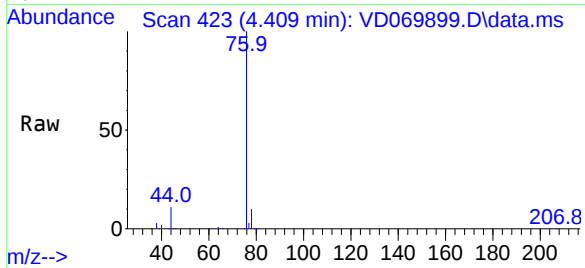




#17
Carbon Disulfide
Concen: 19.243 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069899.D
Acq: 28 Jul 2021 20:12

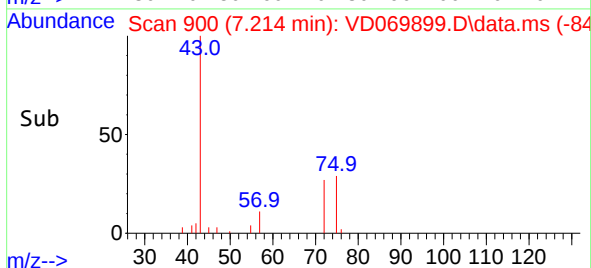
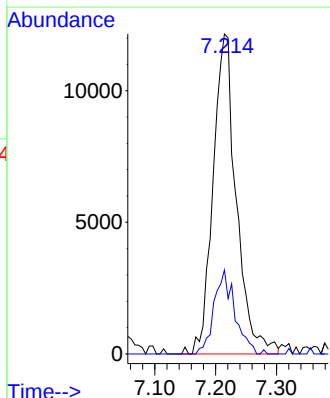
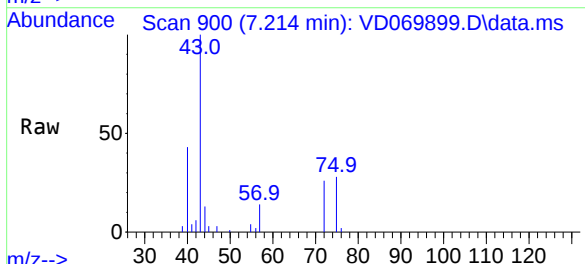
Instrument :
MSVOA_D
ClientSampleId :
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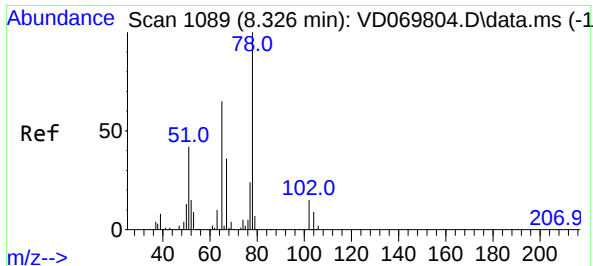
Tgt Ion: 76 Resp: 562816
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9



#25
2-Butanone
Concen: 16.017 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069899.D
Acq: 28 Jul 2021 20:12

Tgt Ion: 43 Resp: 32264
Ion Ratio Lower Upper
43 100
72 26.2 22.8 34.2

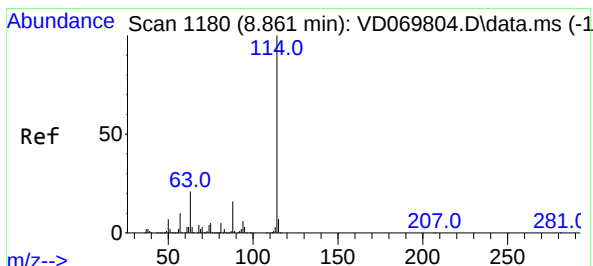
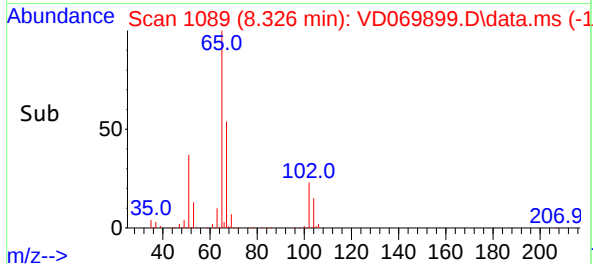
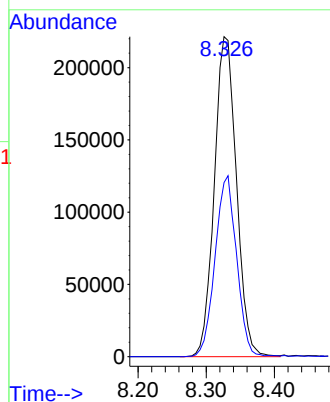
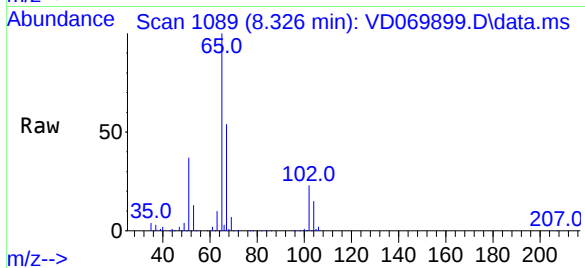




#33
1,2-Dichloroethane-d4
Concen: 60.875 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069899.D
Acq: 28 Jul 2021 20:12

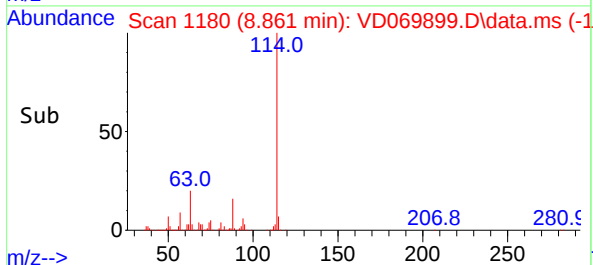
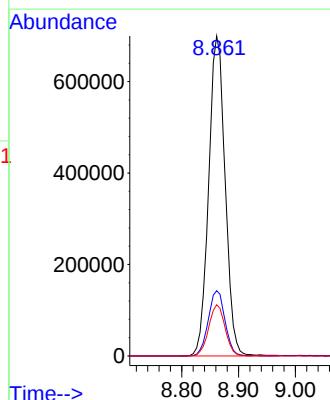
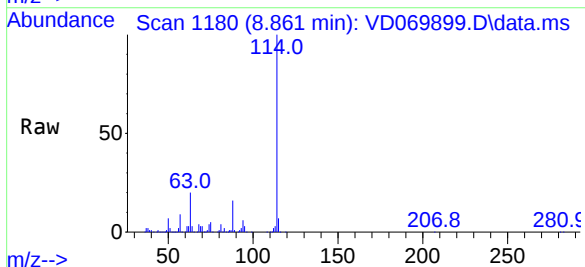
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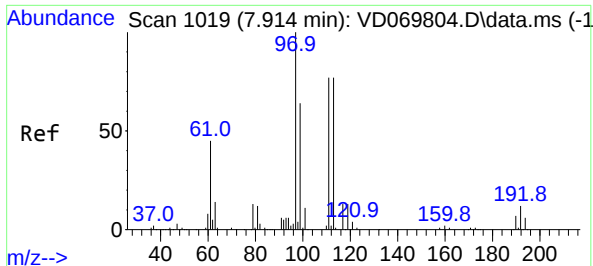
Tgt Ion: 65 Resp: 500556
Ion Ratio Lower Upper
65 100
67 55.0 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069899.D
Acq: 28 Jul 2021 20:12

Tgt Ion:114 Resp: 1405463
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.6
88 16.0 0.0 31.4

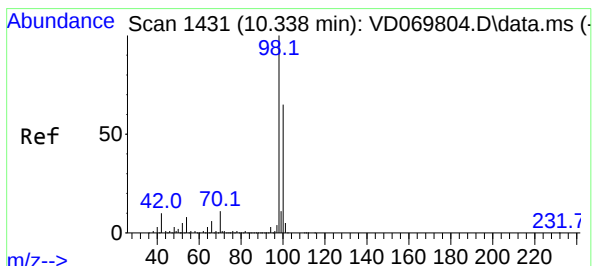
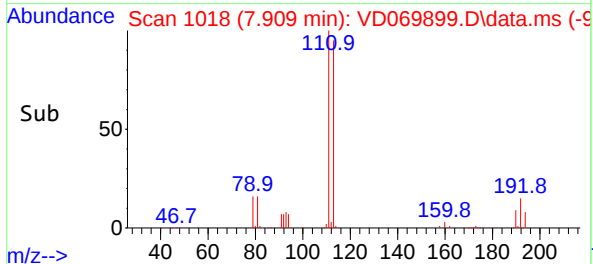
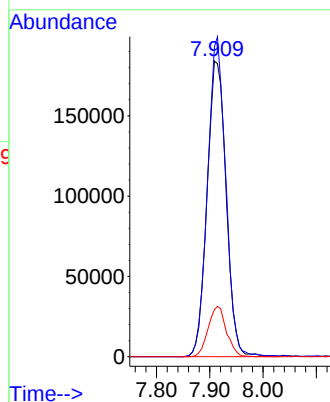
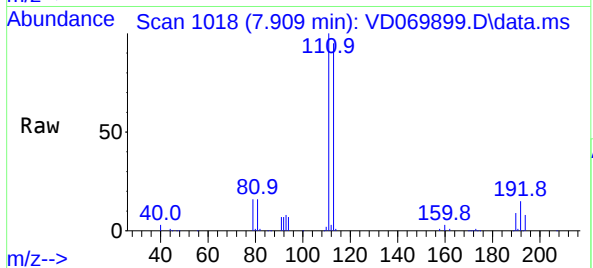




#35
Dibromofluoromethane
Concen: 51.681 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069899.D
Acq: 28 Jul 2021 20:12

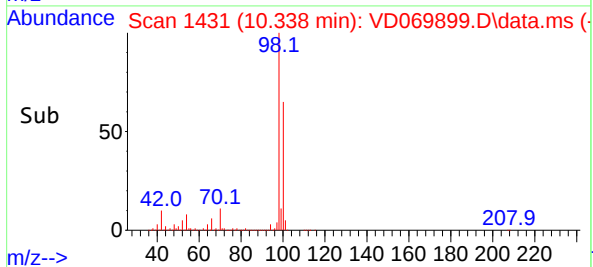
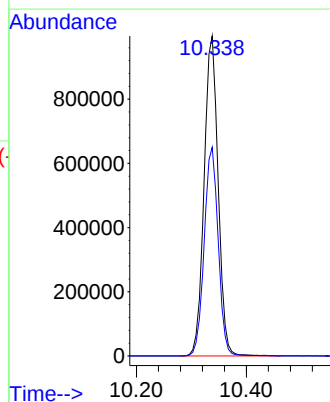
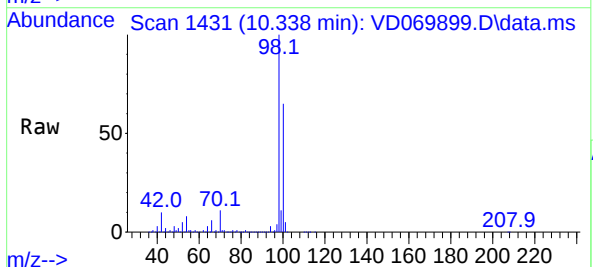
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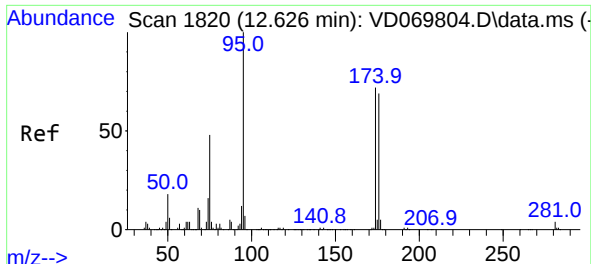
Tgt Ion:113 Resp: 457896
Ion Ratio Lower Upper
113 100
111 103.1 80.5 120.7
192 16.2 12.6 19.0



#50
Toluene-d8
Concen: 51.711 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069899.D
Acq: 28 Jul 2021 20:12

Tgt Ion: 98 Resp: 1766632
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

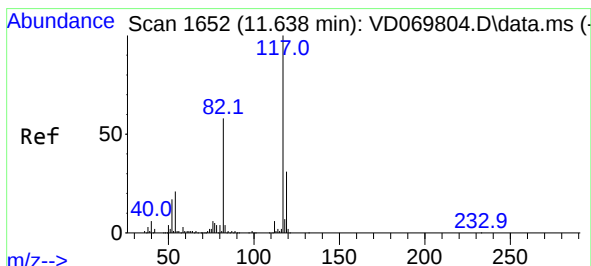
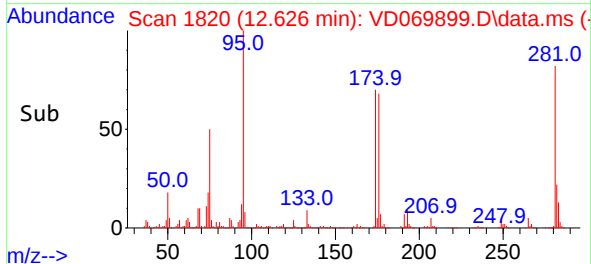
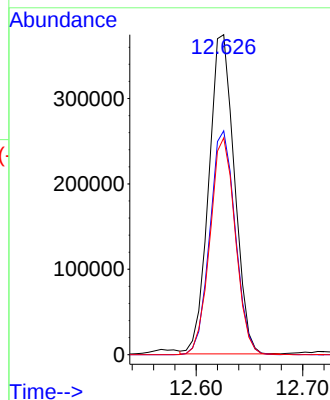
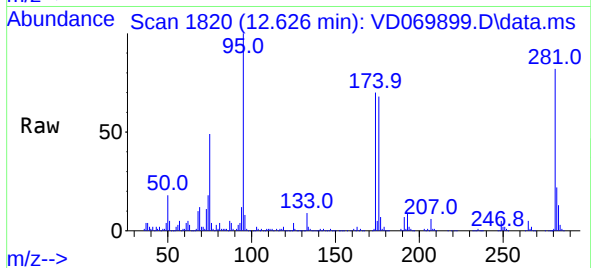




#62
4-Bromofluorobenzene
Concen: 54.611 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069899.D
Acq: 28 Jul 2021 20:12

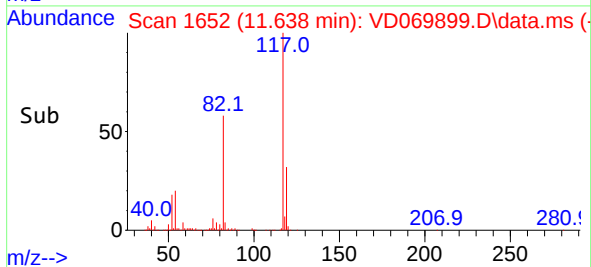
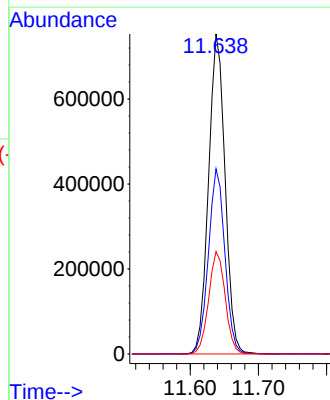
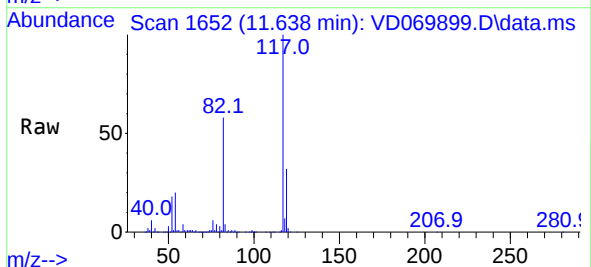
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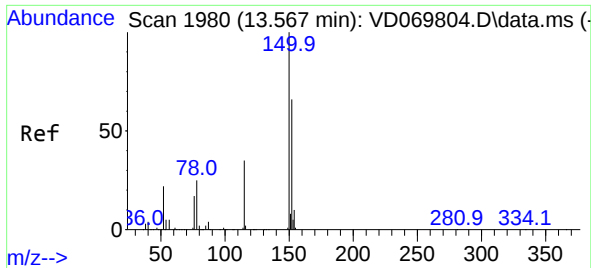
Tgt Ion: 95 Resp: 623529
Ion Ratio Lower Upper
95 100
174 69.7 0.0 142.6
176 67.0 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069899.D
Acq: 28 Jul 2021 20:12

Tgt Ion:117 Resp: 1268466
Ion Ratio Lower Upper
117 100
82 57.9 46.3 69.5
119 32.0 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: VD069899.D
 Acq: 28 Jul 2021 20:12

Instrument :
 MSVOA_D
 ClientSampleId :
 20210428-14

Tgt Ion:152 Resp: 531173

Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.1	93.3
150	156.7	0.0	343.0

