

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080321\
 Data File : VD069971.D
 Acq On : 03 Aug 2021 17:36
 Operator : VA/SY
 Sample : M3268-15
 Misc : 6.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210499-85

Quant Time: Aug 04 01:33:35 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)

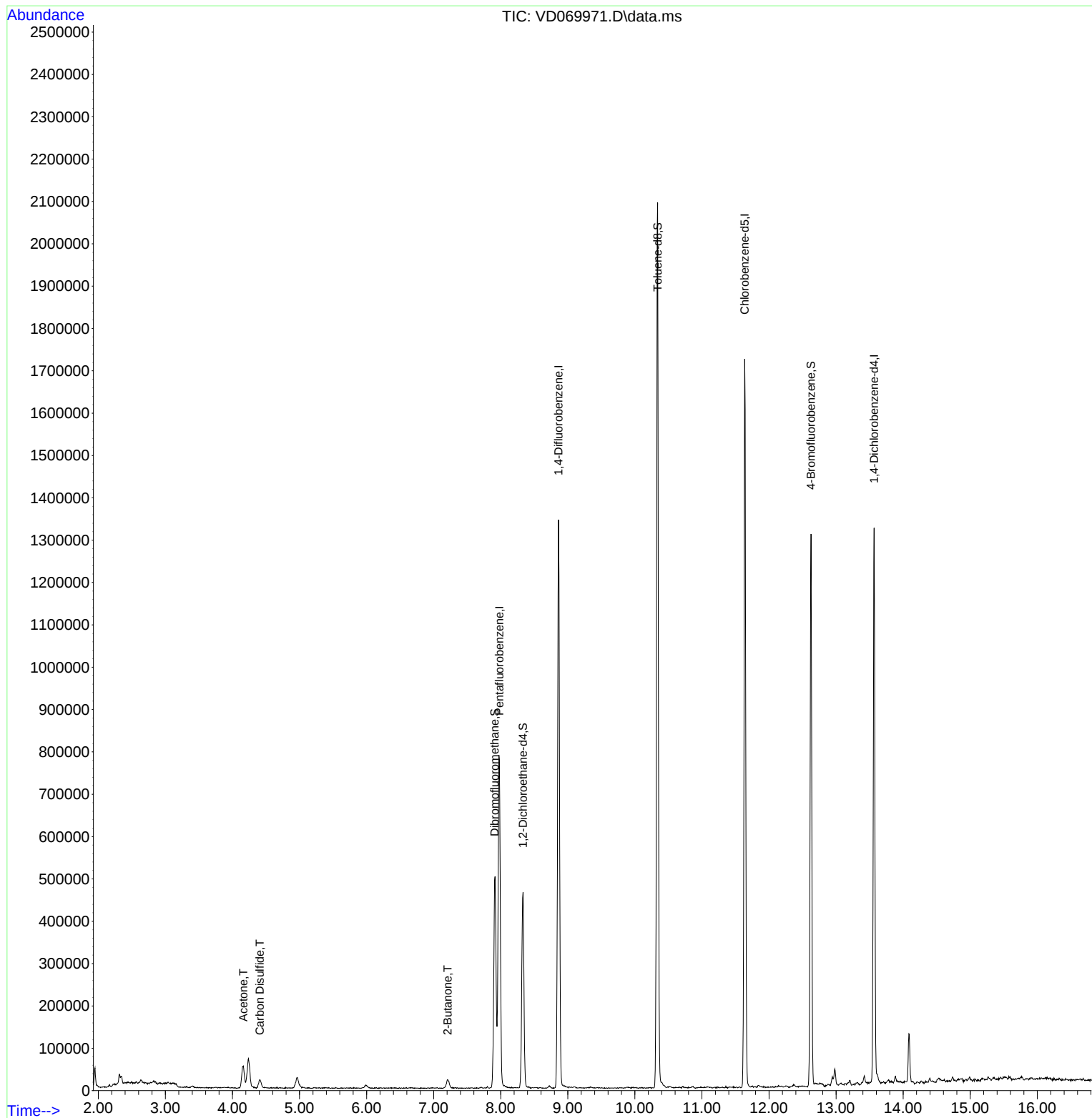
Internal Standards						
1) Pentafluorobenzene	7.979	168	568120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1134228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	997470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	350388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	363846	55.686	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.380%
35) Dibromofluoromethane	7.909	113	377022	52.729	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.460%
50) Toluene-d8	10.338	98	1438418	52.172	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.340%
62) 4-Bromofluorobenzene	12.626	95	407734	44.251	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.500%
Target Compounds						Qvalue
16) Acetone	4.162	43	94221	79.827	ug/l	94
17) Carbon Disulfide	4.409	76	42185	1.815	ug/l #	95
25) 2-Butanone	7.209	43	29271	18.287	ug/l	96

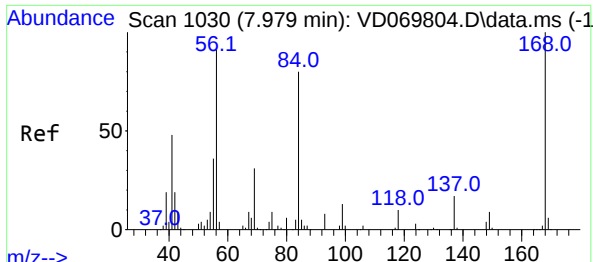
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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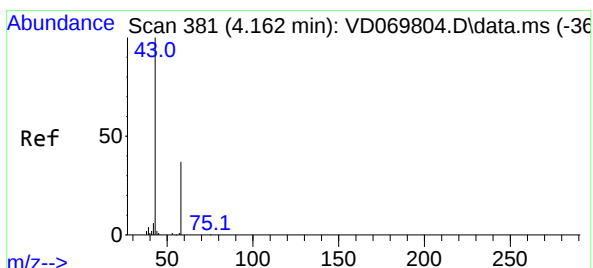
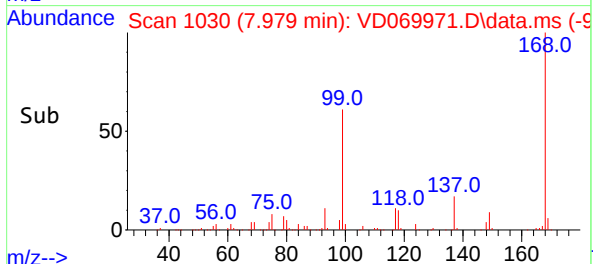
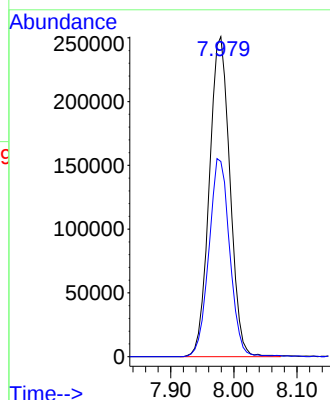
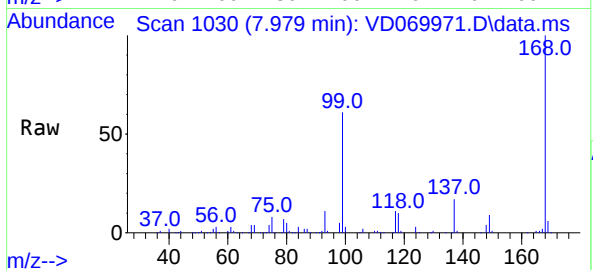




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069971.D
Acq: 03 Aug 2021 17:36

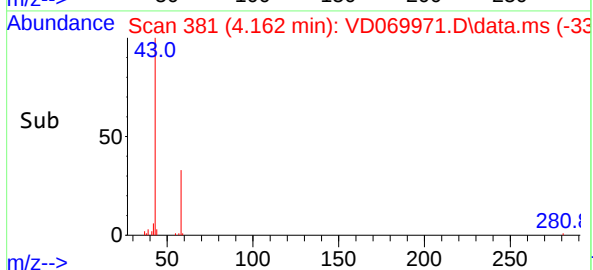
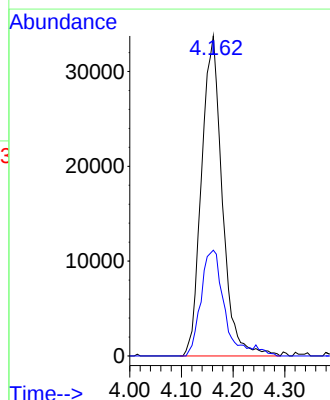
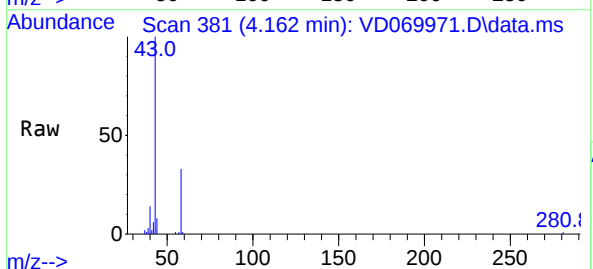
Instrument :
MSVOA_D
ClientSampleId :
20210499-85

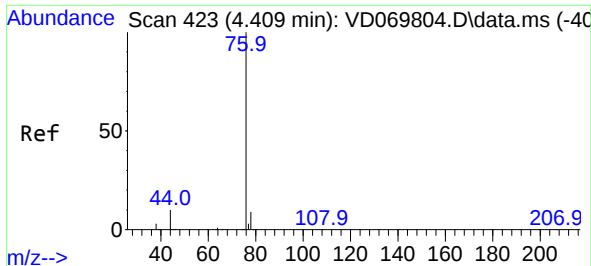
Tgt Ion:168 Resp: 568120
Ion Ratio Lower Upper
168 100
99 61.0 51.1 76.7



#16
Acetone
Concen: 79.827 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069971.D
Acq: 03 Aug 2021 17:36

Tgt Ion: 43 Resp: 94221
Ion Ratio Lower Upper
43 100
58 33.1 29.4 44.0

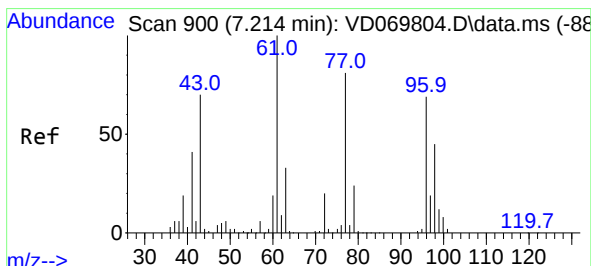
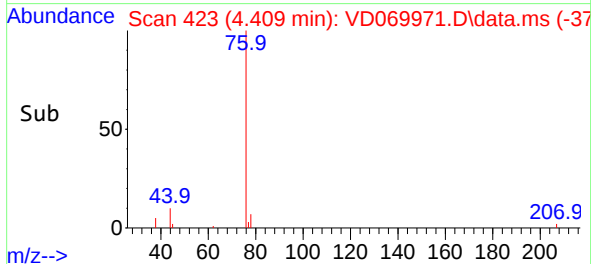
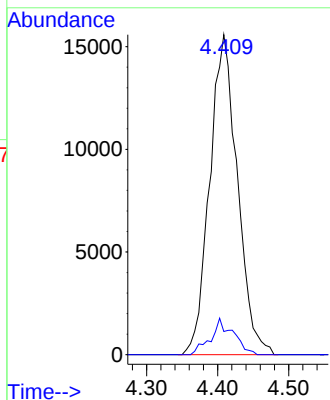
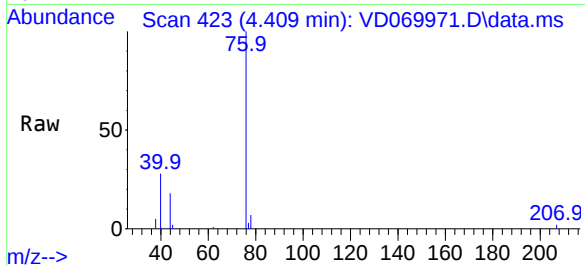




#17
Carbon Disulfide
Concen: 1.815 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069971.D
Acq: 03 Aug 2021 17:36

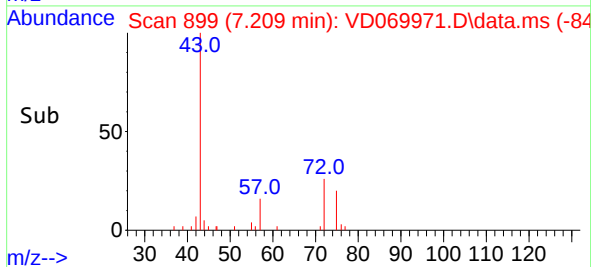
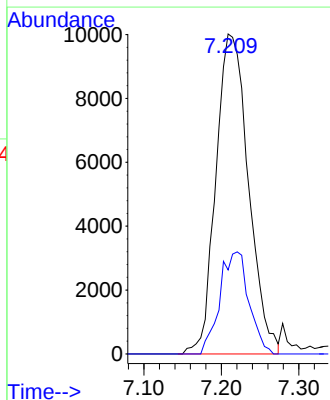
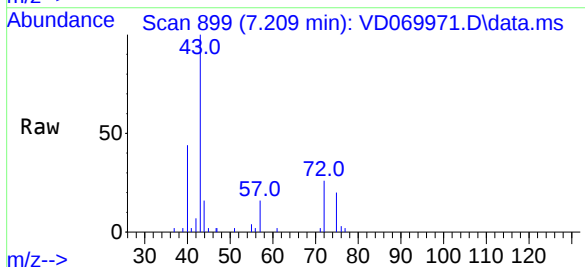
Instrument :
MSVOA_D
ClientSampleId :
20210499-85

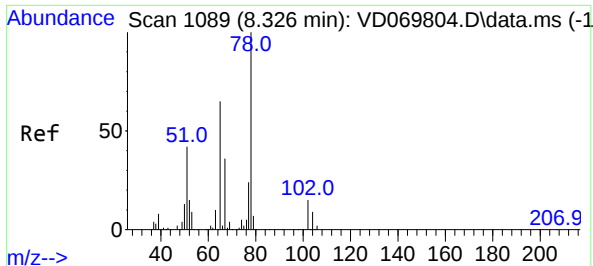
Tgt Ion: 76 Resp: 42185
Ion Ratio Lower Upper
76 100
78 7.3 7.3 10.9#



#25
2-Butanone
Concen: 18.287 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069971.D
Acq: 03 Aug 2021 17:36

Tgt Ion: 43 Resp: 29271
Ion Ratio Lower Upper
43 100
72 26.3 22.8 34.2

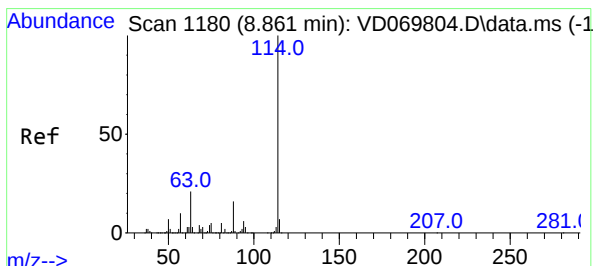
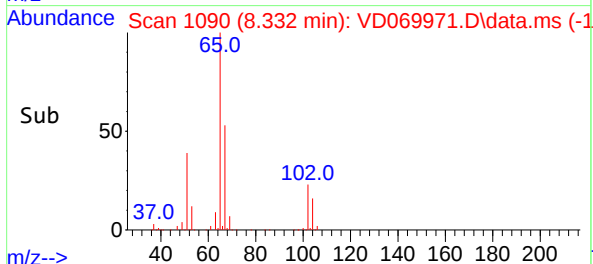
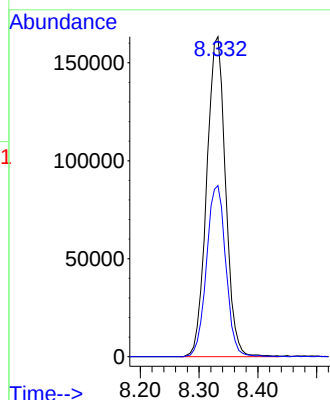
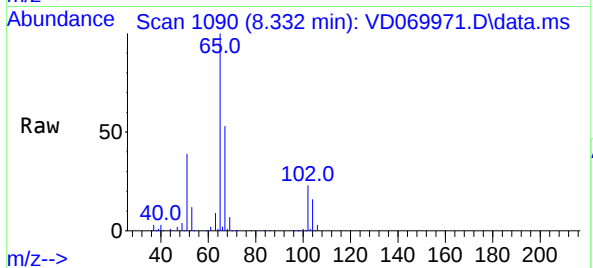




#33
1,2-Dichloroethane-d4
Concen: 55.686 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069971.D
Acq: 03 Aug 2021 17:36

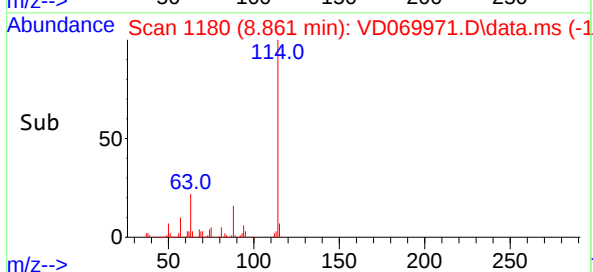
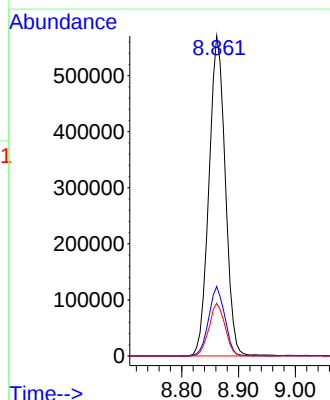
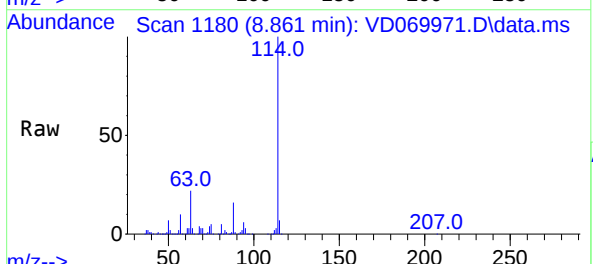
Instrument :
MSVOA_D
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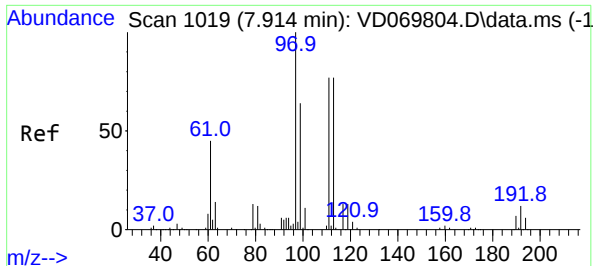
Tgt Ion: 65 Resp: 363846
Ion Ratio Lower Upper
65 100
67 54.7 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069971.D
Acq: 03 Aug 2021 17:36

Tgt Ion:114 Resp: 1134228
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.6
88 16.4 0.0 31.4

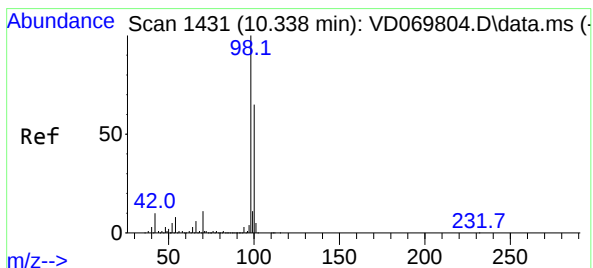
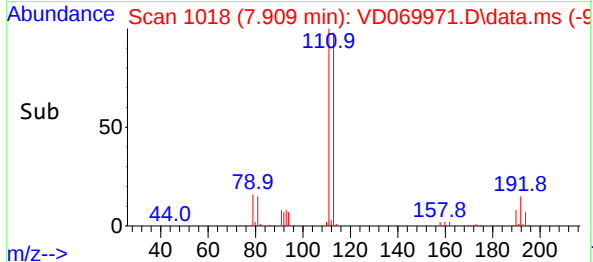
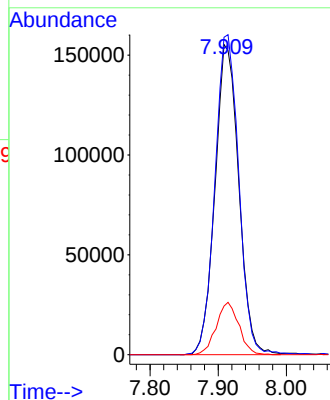
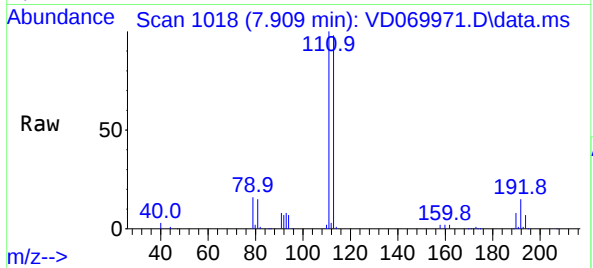




#35
Dibromofluoromethane
Concen: 52.729 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069971.D
Acq: 03 Aug 2021 17:36

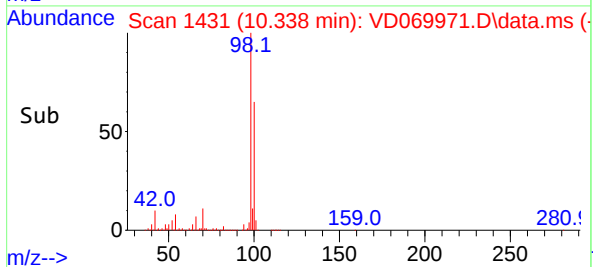
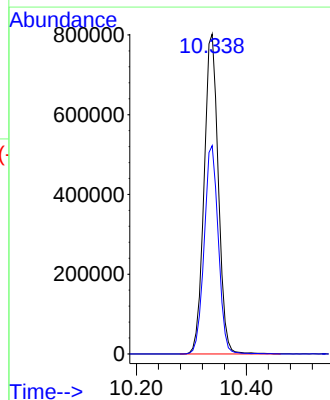
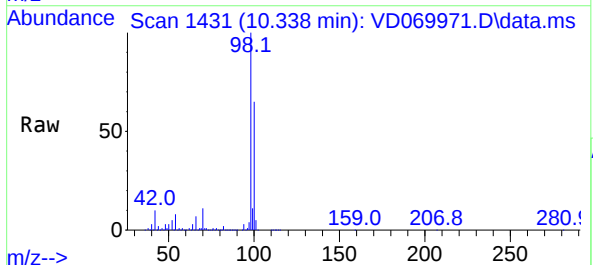
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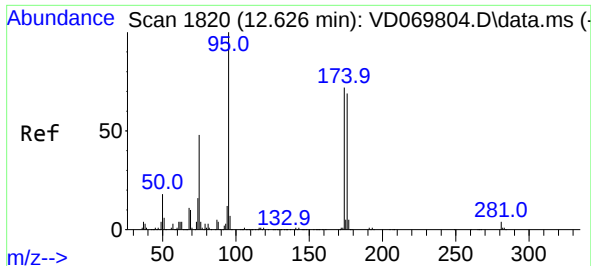
Tgt Ion:113 Resp: 377022
Ion Ratio Lower Upper
113 100
111 103.2 80.5 120.7
192 16.1 12.6 19.0



#50
Toluene-d8
Concen: 52.172 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069971.D
Acq: 03 Aug 2021 17:36

Tgt Ion: 98 Resp: 1438418
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

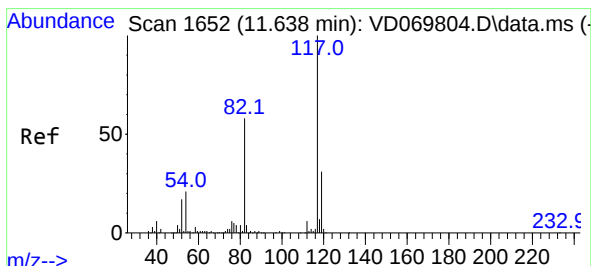
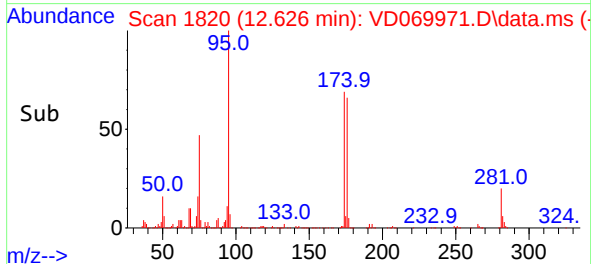
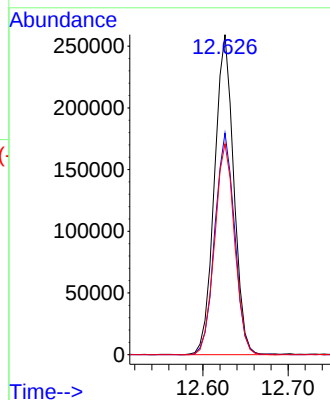
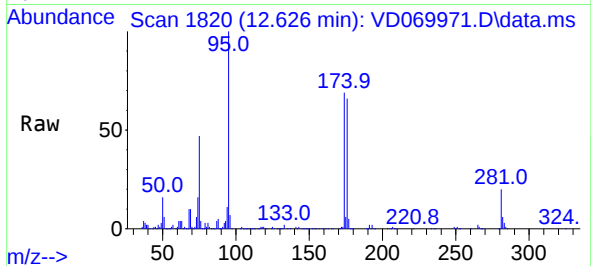




#62
4-Bromofluorobenzene
Concen: 44.251 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069971.D
Acq: 03 Aug 2021 17:36

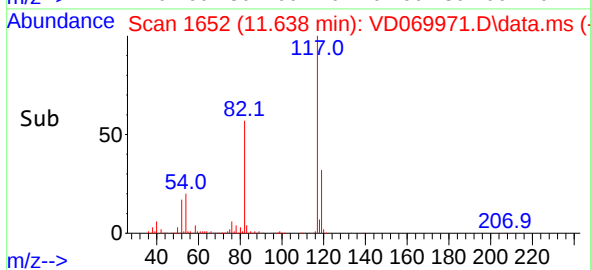
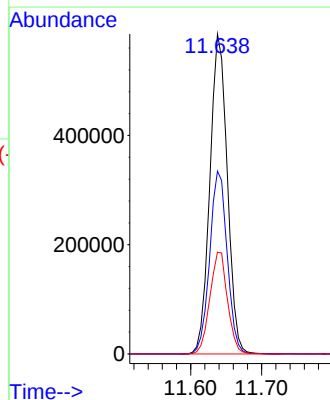
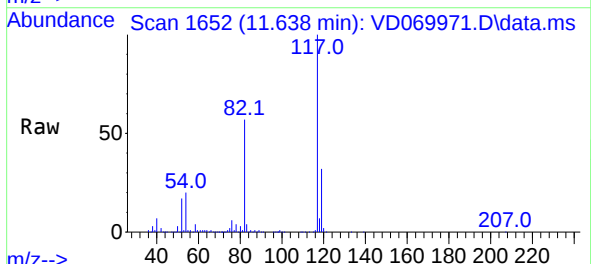
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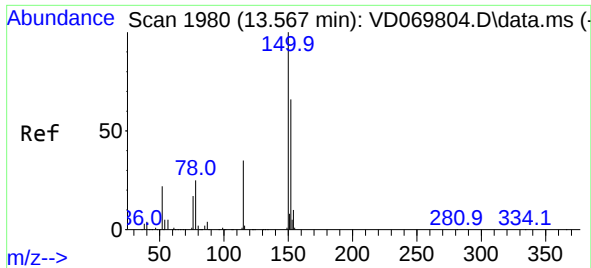
Tgt Ion: 95 Resp: 407734
Ion Ratio Lower Upper
95 100
174 70.7 0.0 142.6
176 67.9 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069971.D
Acq: 03 Aug 2021 17:36

Tgt Ion: 117 Resp: 997470
Ion Ratio Lower Upper
117 100
82 57.1 46.3 69.5
119 31.8 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: VD069971.D
 Acq: 03 Aug 2021 17:36

Instrument :
 MSVOA_D
 ClientSampleId :
 20210499-85

Tgt Ion:	152	Resp:	350388
Ion	Ratio	Lower	Upper
152	100		
115	60.5	31.1	93.3
150	155.4	0.0	343.0

