

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
 Data File : VD069898.D
 Acq On : 28 Jul 2021 19:44
 Operator : VA/SY
 Sample : M3223-05
 Misc : 5.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-11

Quant Time: Jul 29 04:03:09 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	686358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1365505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1343450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	571529	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	487984	61.819	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.640%
35) Dibromofluoromethane	7.914	113	429478	49.892	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.780%
50) Toluene-d8	10.338	98	1703664	51.327	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.660%
62) 4-Bromofluorobenzene	12.626	95	631462	56.924	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.840%

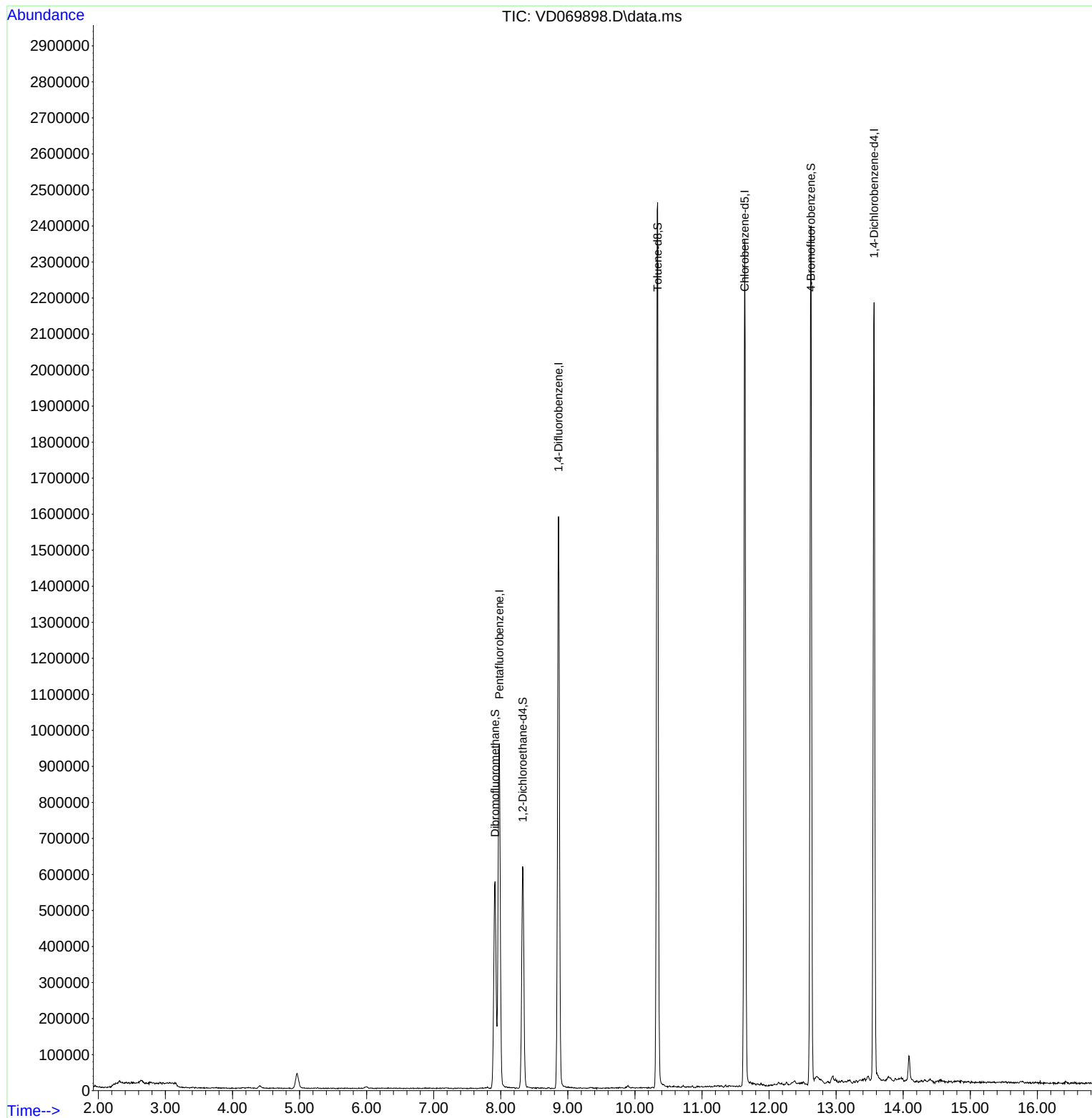
Target Compounds	Qvalue

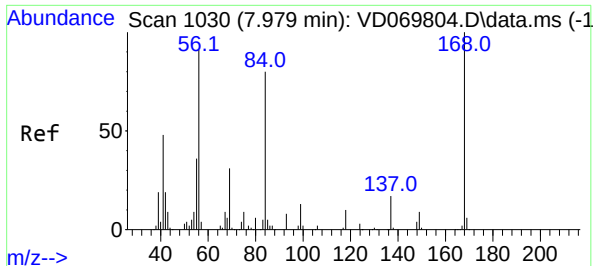
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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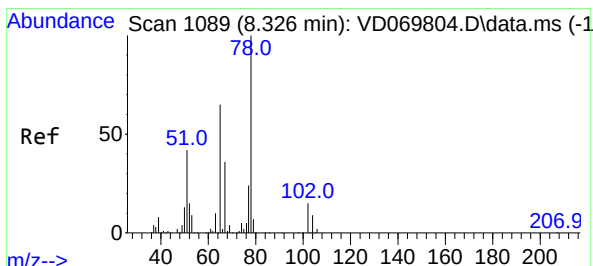
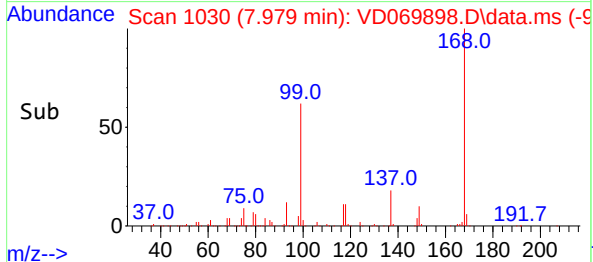
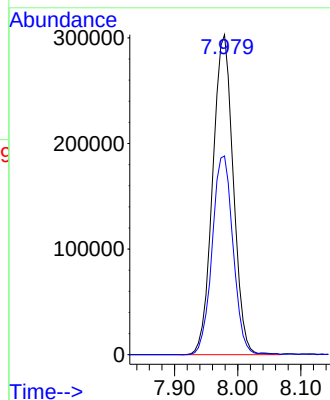
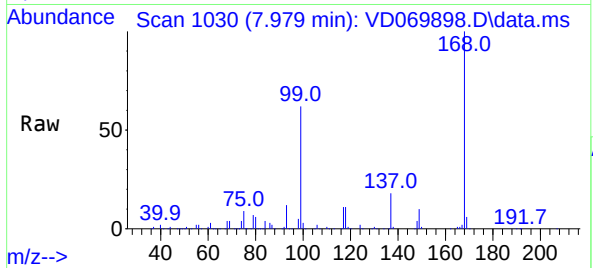




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069898.D
Acq: 28 Jul 2021 19:44

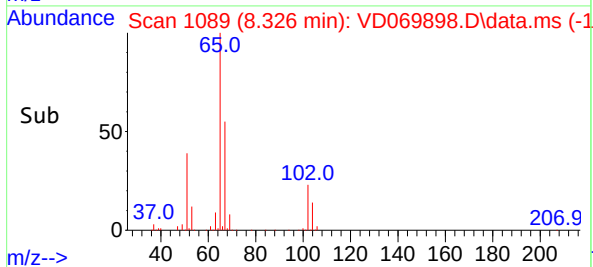
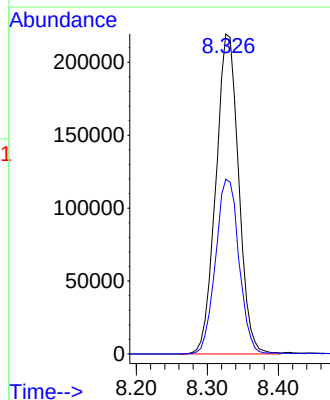
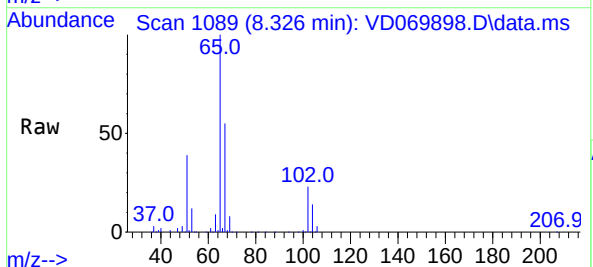
Instrument :
MSVOA_D
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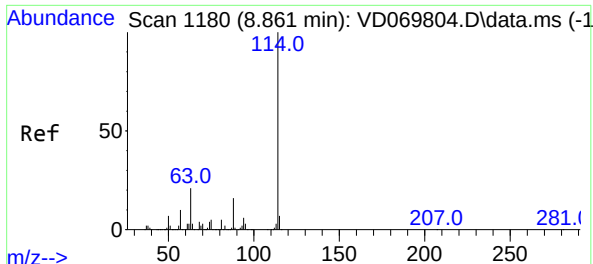
Tgt Ion:168 Resp: 686358
Ion Ratio Lower Upper
168 100
99 62.1 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 61.819 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069898.D
Acq: 28 Jul 2021 19:44

Tgt Ion: 65 Resp: 487984
Ion Ratio Lower Upper
65 100
67 56.3 0.0 111.2

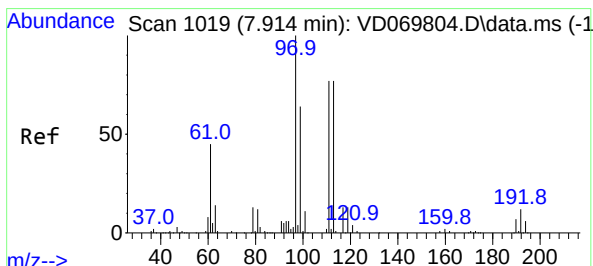
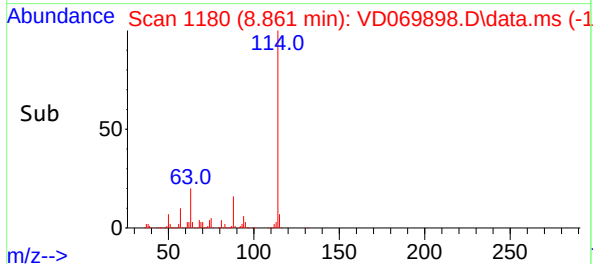
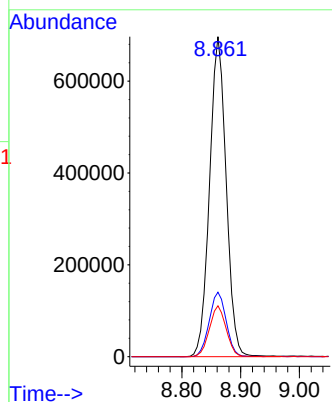
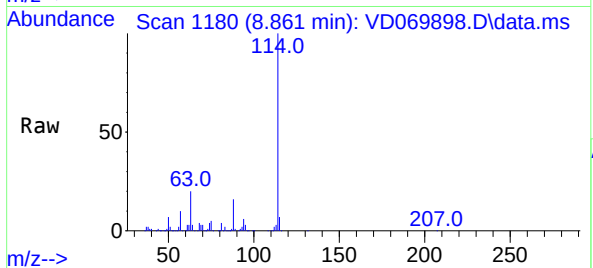




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069898.D
Acq: 28 Jul 2021 19:44

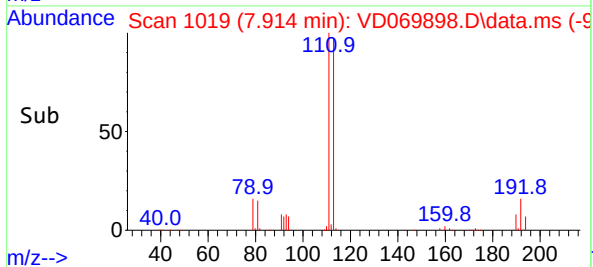
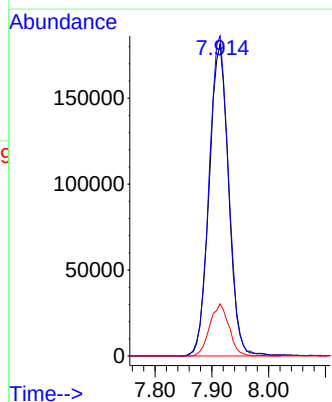
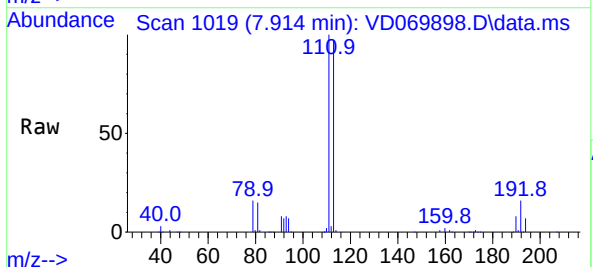
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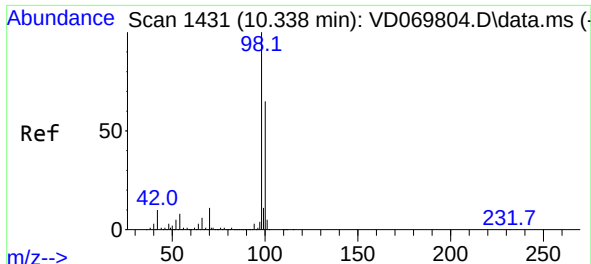
Tgt Ion:114 Resp: 1365505
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 15.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.892 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069898.D
Acq: 28 Jul 2021 19:44

Tgt Ion:113 Resp: 429478
Ion Ratio Lower Upper
113 100
111 103.1 80.5 120.7
192 16.6 12.6 19.0

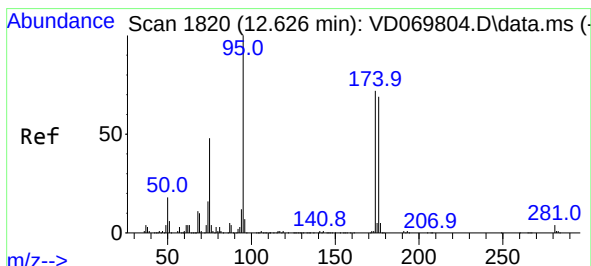
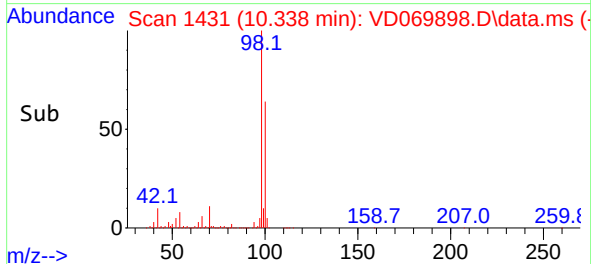
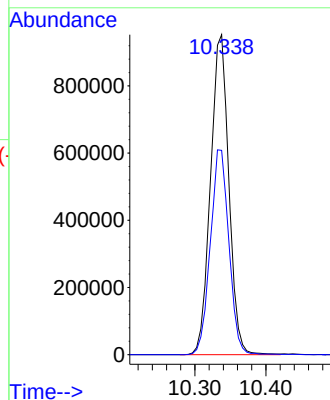
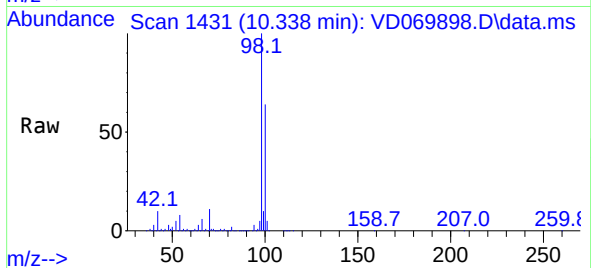




#50
Toluene-d8
Concen: 51.327 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069898.D
Acq: 28 Jul 2021 19:44

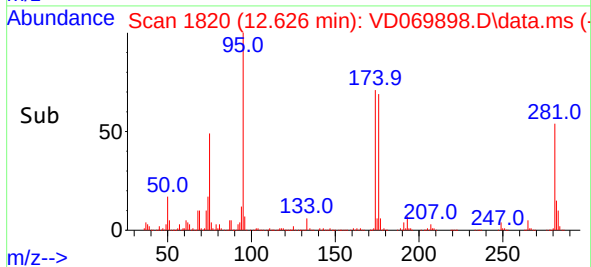
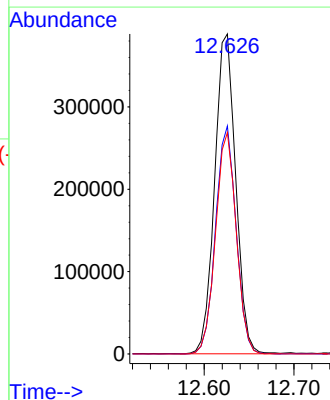
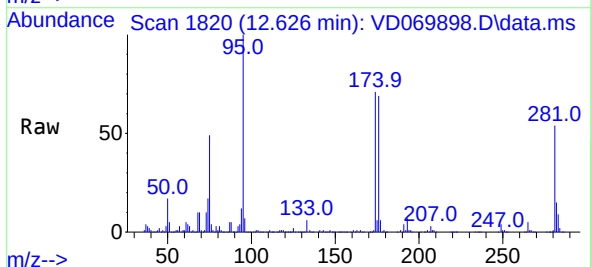
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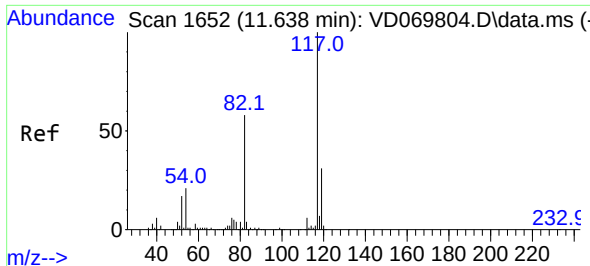
Tgt Ion: 98 Resp: 1703664
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 56.924 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069898.D
Acq: 28 Jul 2021 19:44

Tgt Ion: 95 Resp: 631462
Ion Ratio Lower Upper
95 100
174 69.8 0.0 142.6
176 68.2 0.0 134.2

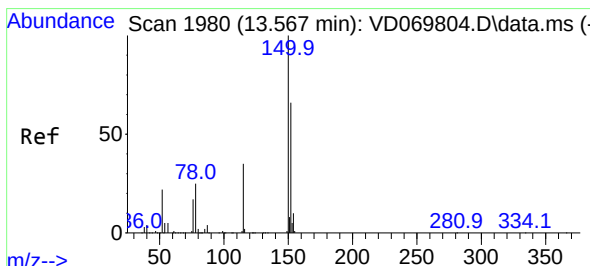
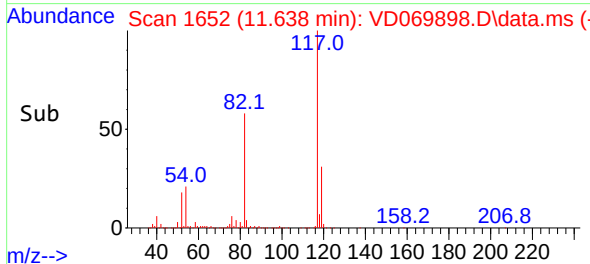
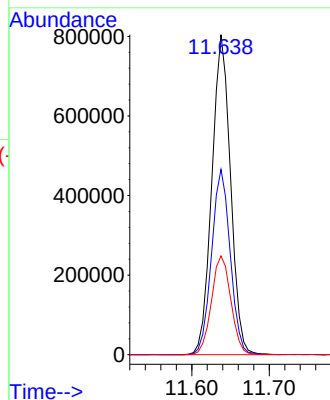
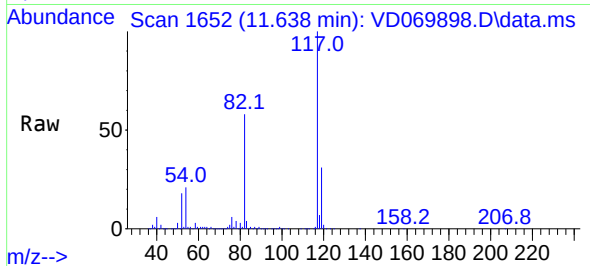




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069898.D
Acq: 28 Jul 2021 19:44

Instrument :
MSVOA_D
ClientSampleId :
BACKFILL-ASHCROFT-REAR-11

Tgt Ion:117 Resp: 1343450
Ion Ratio Lower Upper
117 100
82 57.9 46.3 69.5
119 30.9 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: VD069898.D
Acq: 28 Jul 2021 19:44

Tgt Ion:152 Resp: 571529
Ion Ratio Lower Upper
152 100
115 63.3 31.1 93.3
150 159.8 0.0 343.0

