

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052121\
 Data File : VD069242.D
 Acq On : 21 May 2021 16:55
 Operator : VA/SY
 Sample : M2486-01
 Misc : 6.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-052121

Quant Time: May 22 00:35:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	122344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	214262	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	200007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	86683	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	103538	84.42	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	168.84%#
35) Dibromofluoromethane	7.914	113	94474	67.75	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	135.50%
50) Toluene-d8	10.338	98	267178	52.15	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.30%
62) 4-Bromofluorobenzene	12.626	95	78578	47.66	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.32%

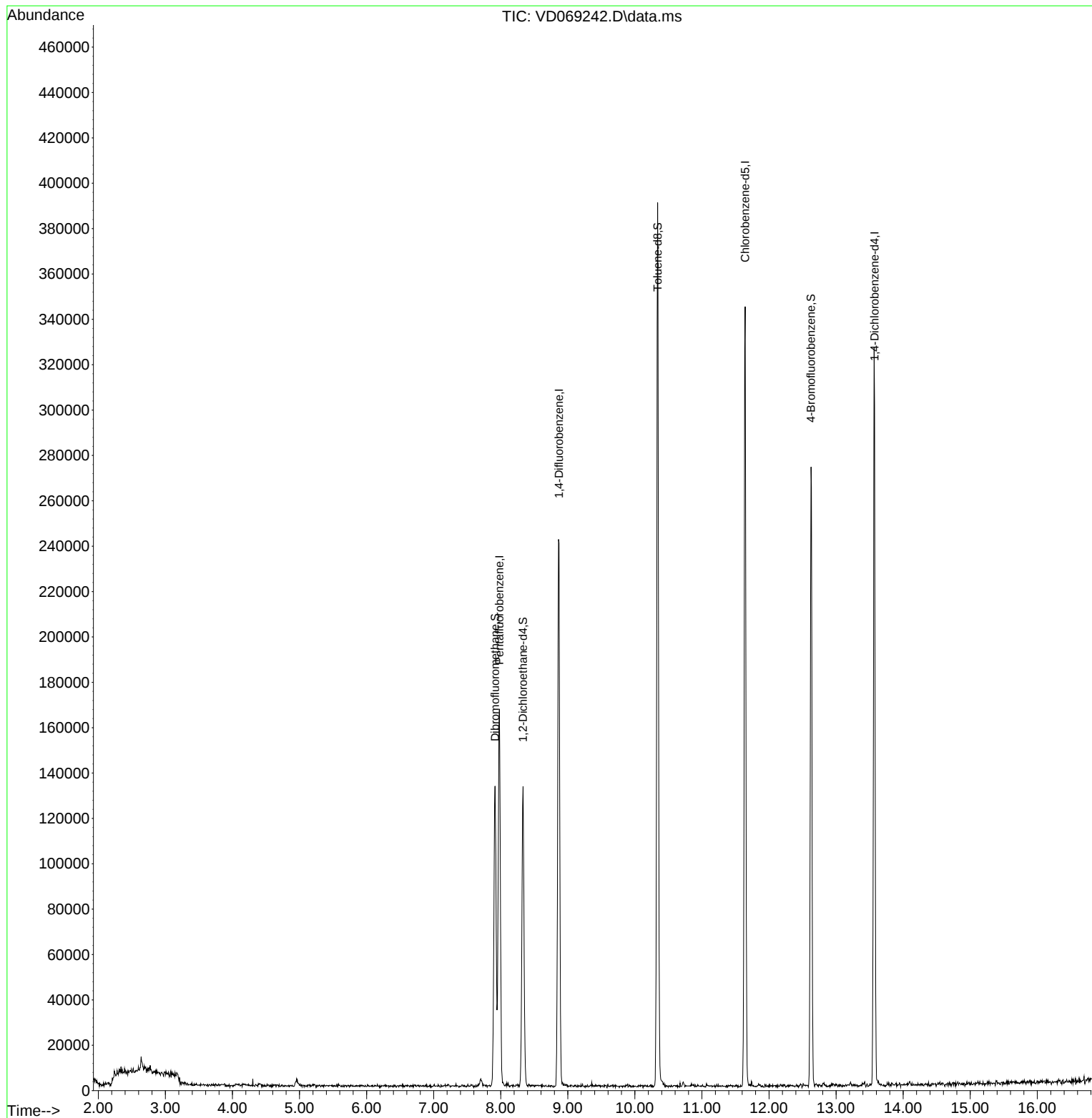
Target Compounds	Qvalue

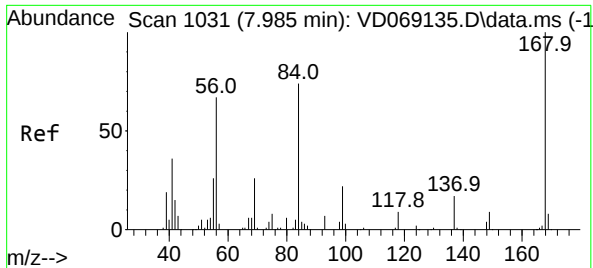
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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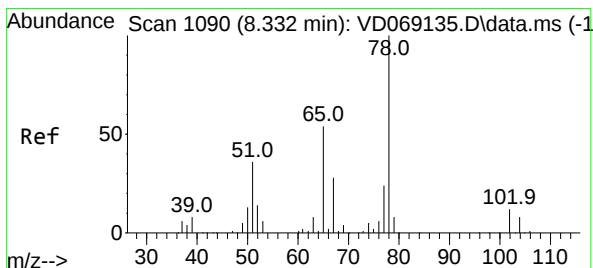
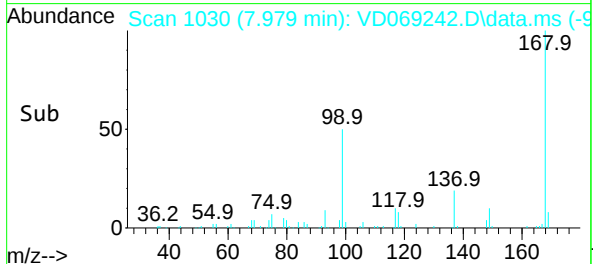
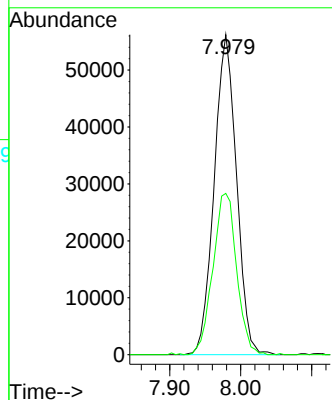
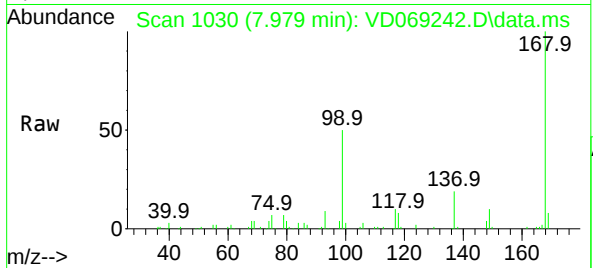




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

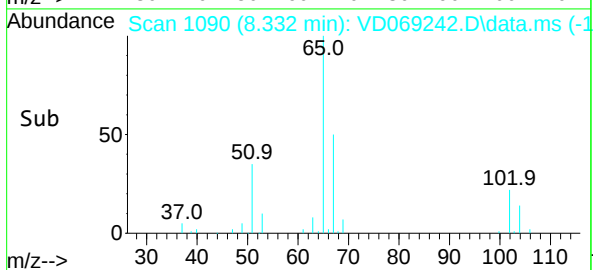
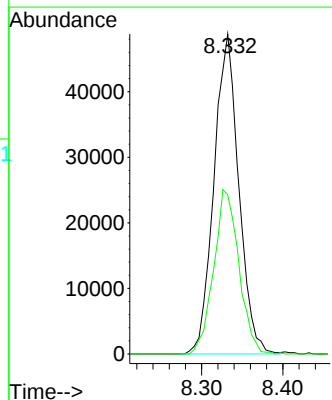
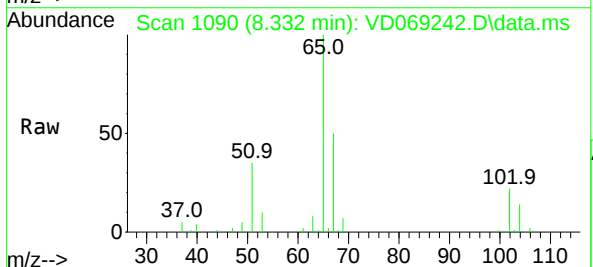
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121

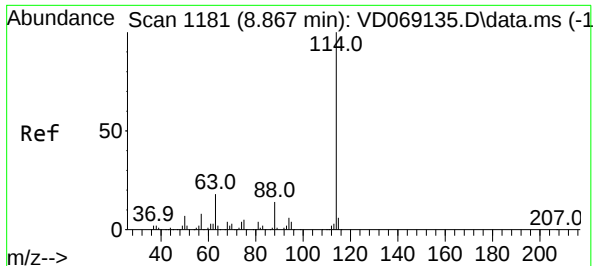
Tgt Ion:168 Resp: 122344
Ion Ratio Lower Upper
168 100
99 50.1 47.2 70.8



#33
1,2-Dichloroethane-d4
Concen: 84.42 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

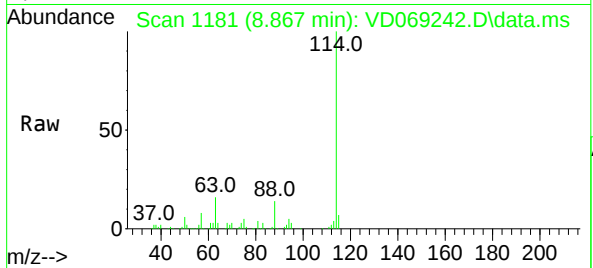
Tgt Ion: 65 Resp: 103538
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.0



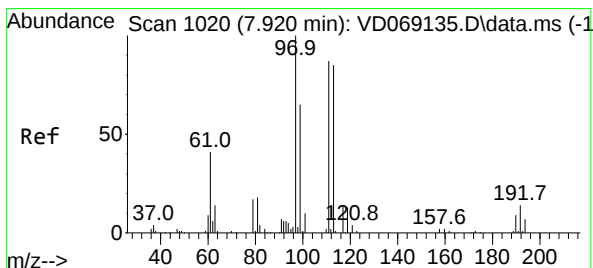
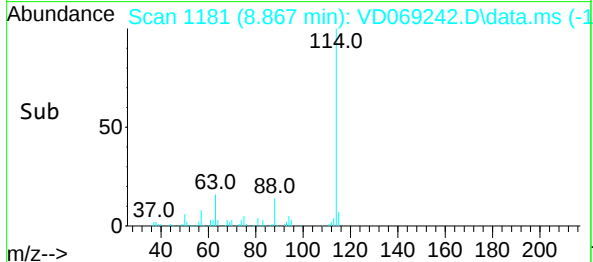
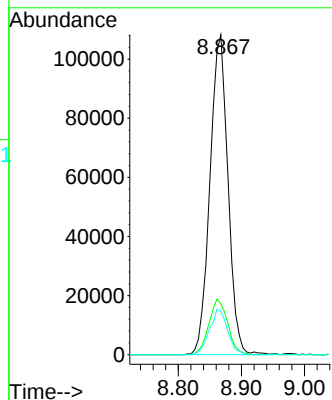


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069242.D
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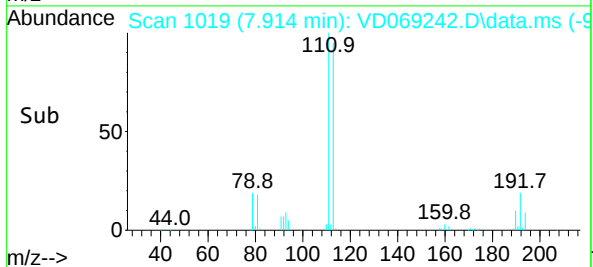
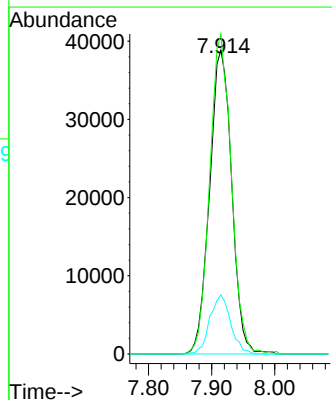
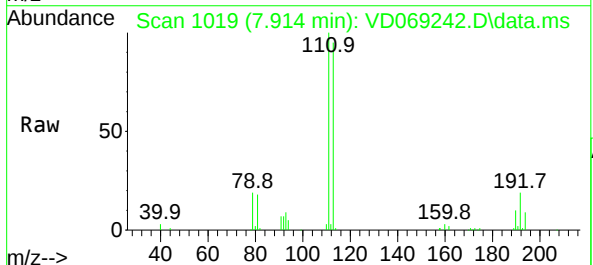


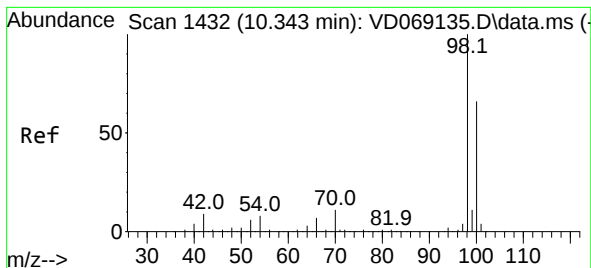
Tgt Ion:114 Resp: 214262
Ion Ratio Lower Upper
114 100
63 15.9 0.0 36.4
88 13.6 0.0 28.2



#35
Dibromofluoromethane
Concen: 67.75 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

Tgt Ion:113 Resp: 94474
Ion Ratio Lower Upper
113 100
111 103.0 80.6 120.8
192 18.4 14.8 22.2

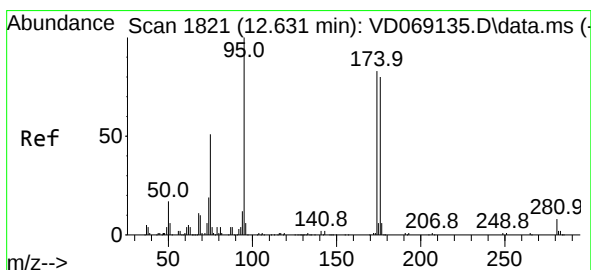
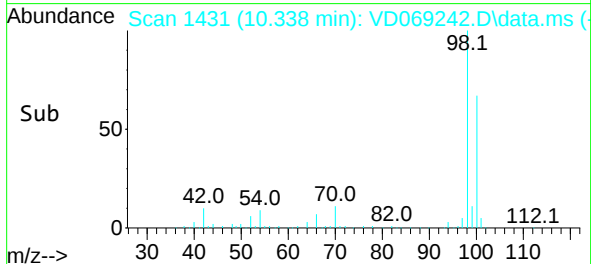
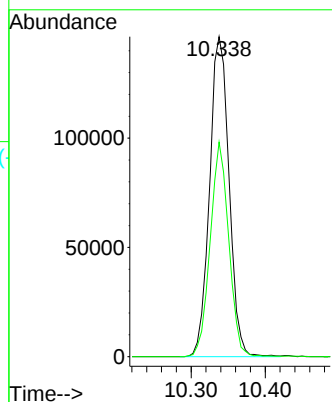
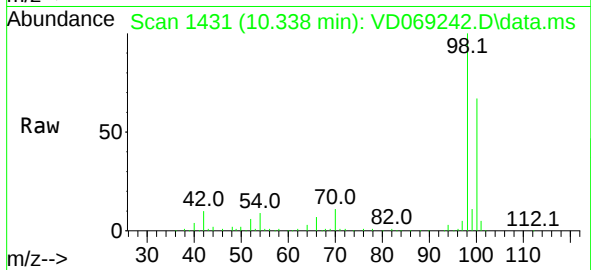




#50
Toluene-d8
Concen: 52.15 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

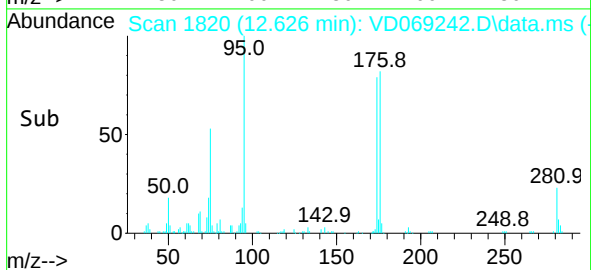
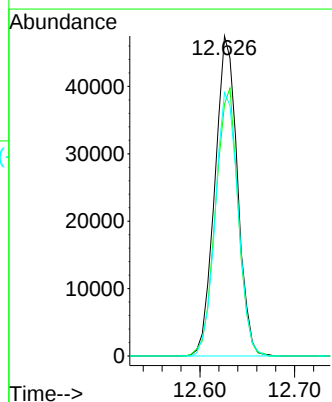
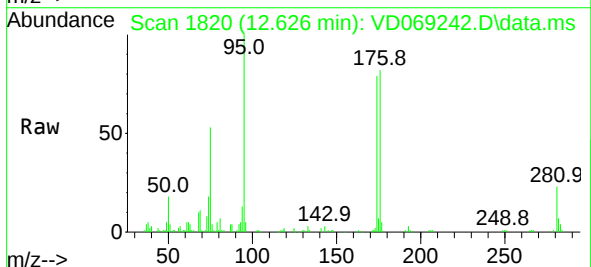
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052121

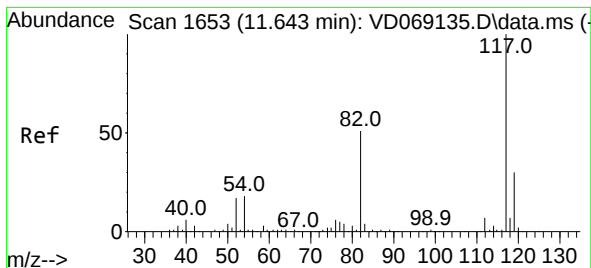
Tgt Ion: 98 Resp: 267178
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 47.66 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

Tgt Ion: 95 Resp: 78578
Ion Ratio Lower Upper
95 100
174 83.7 0.0 171.8
176 83.3 0.0 165.4

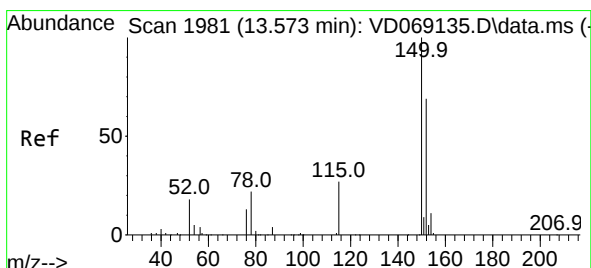
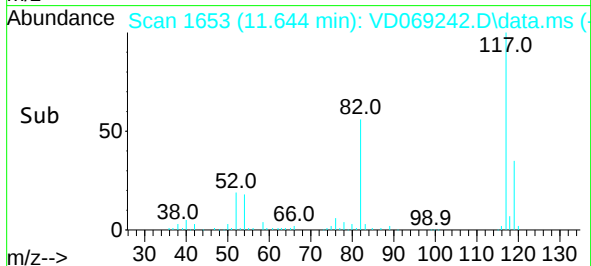
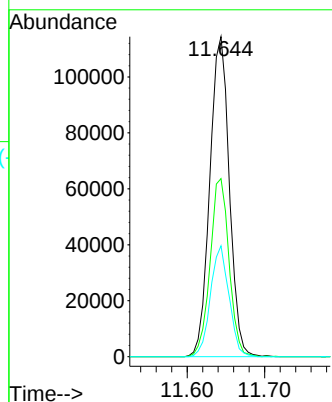
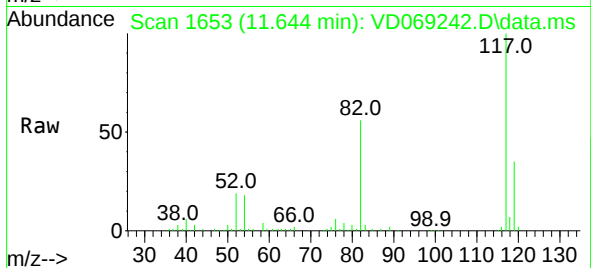




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069242.D
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Tgt Ion:117 Resp: 200007
Ion Ratio Lower Upper
117 100
82 55.7 40.5 60.7
119 34.7 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069242.D
Acq: 21 May 2021 16:55

Tgt Ion:152 Resp: 86683
Ion Ratio Lower Upper
152 100
115 58.7 29.9 89.8
150 153.7 0.0 350.2

