

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
 Data File : VD069194.D
 Acq On : 19 May 2021 14:04
 Operator : VA/SY
 Sample : M2438-01
 Misc : 5.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-051821

Quant Time: May 20 01:00:59 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	204163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	400605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	395245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	164681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	146968	71.81	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.62%	
35) Dibromofluoromethane	7.914	113	147981	56.76	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.52%	
50) Toluene-d8	10.338	98	500857	52.29	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.58%	
62) 4-Bromofluorobenzene	12.632	95	189187	61.38	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 122.76%	

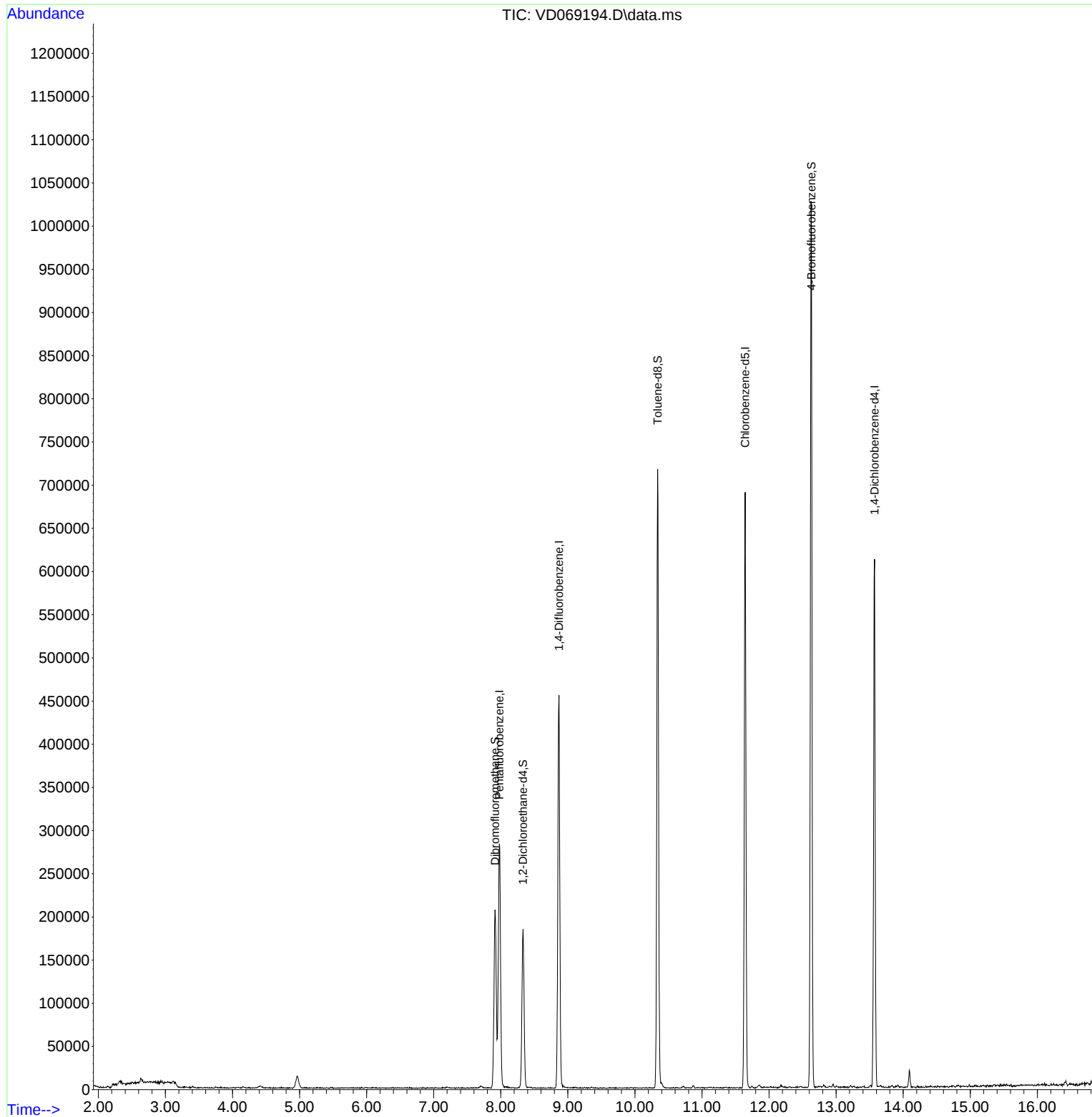
Target Compounds	Qvalue

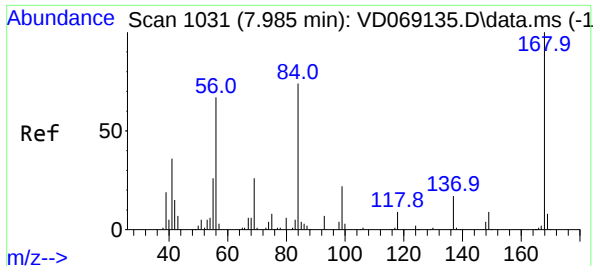
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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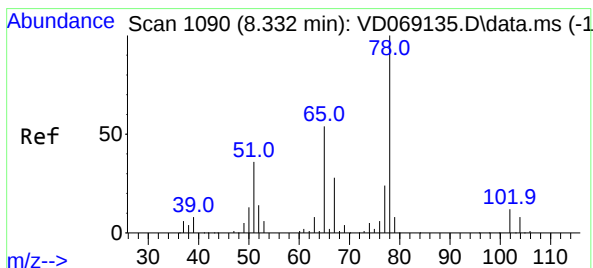
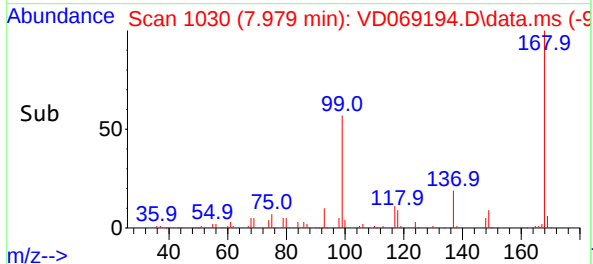
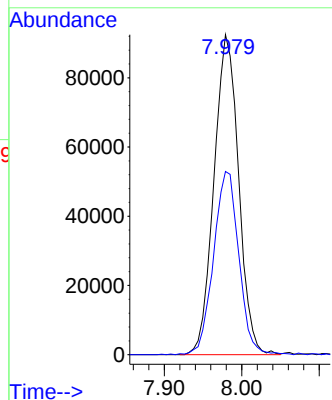
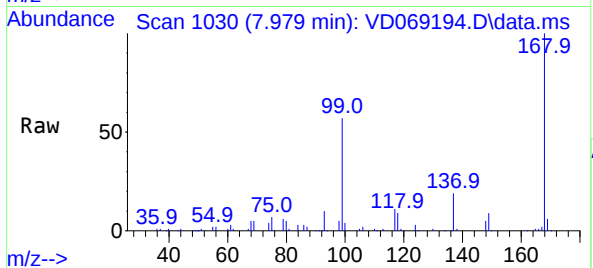




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

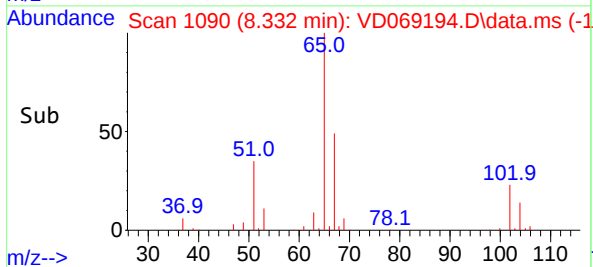
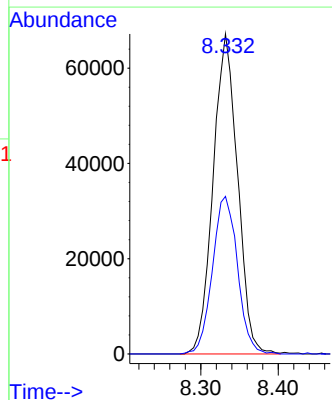
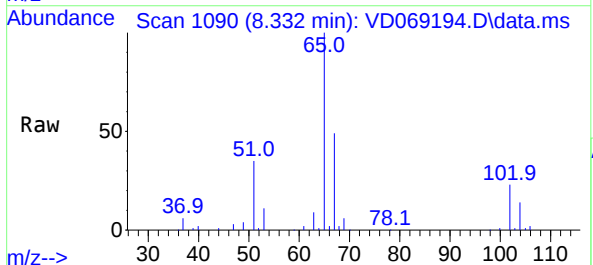
Instrument :
MSVOA_D
ClientSampleId :
PL-02-051821

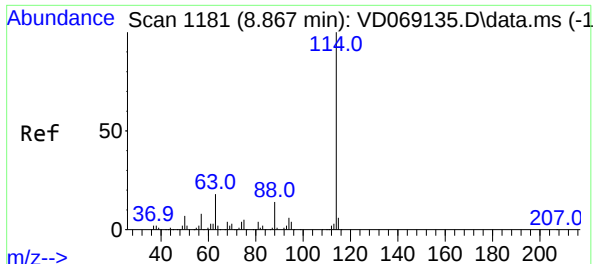
Tgt Ion:168 Resp: 204163
Ion Ratio Lower Upper
168 100
99 56.9 47.2 70.8



#33
1,2-Dichloroethane-d4
Concen: 71.81 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

Tgt Ion: 65 Resp: 146968
Ion Ratio Lower Upper
65 100
67 50.6 0.0 108.0

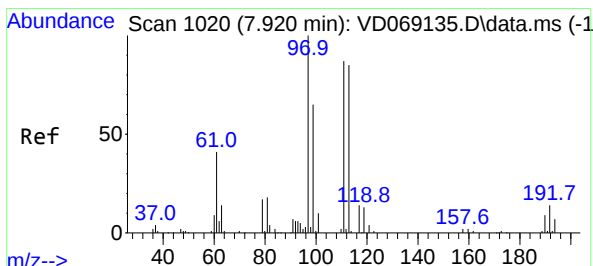
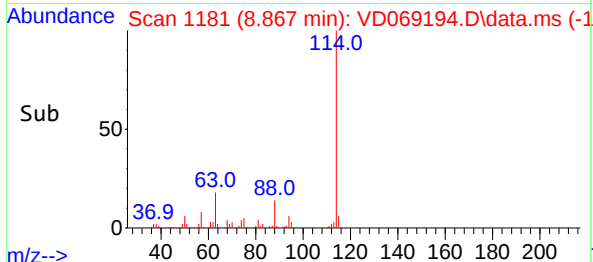
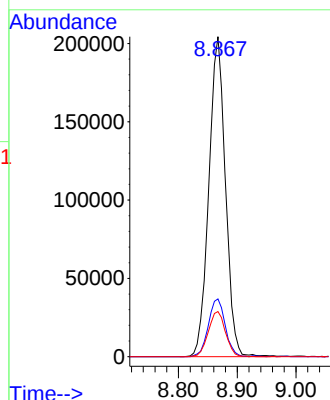
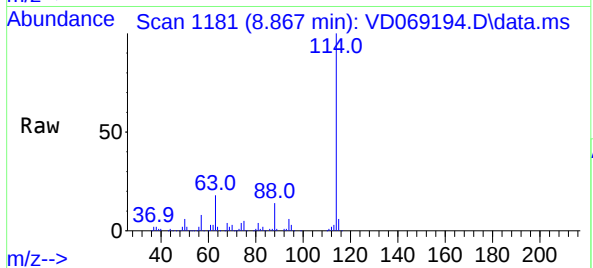




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

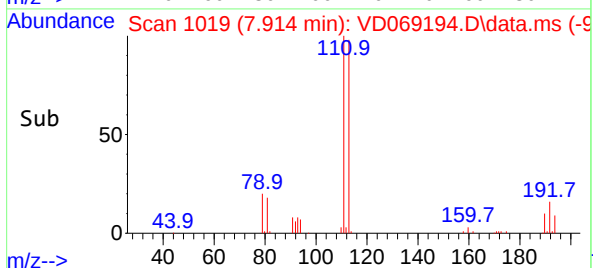
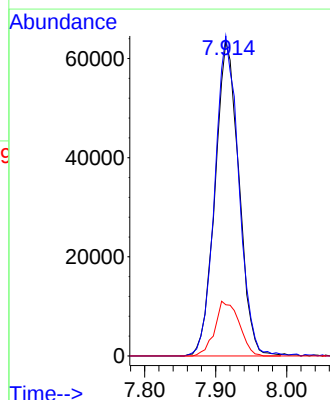
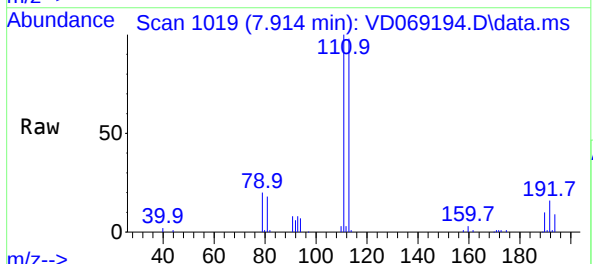
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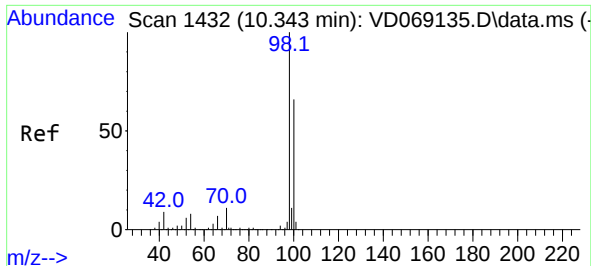
Tgt Ion:114 Resp: 400605
Ion Ratio Lower Upper
114 100
63 18.1 0.0 36.4
88 14.1 0.0 28.2



#35
Dibromofluoromethane
Concen: 56.76 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

Tgt Ion:113 Resp: 147981
Ion Ratio Lower Upper
113 100
111 101.8 80.6 120.8
192 17.7 14.8 22.2

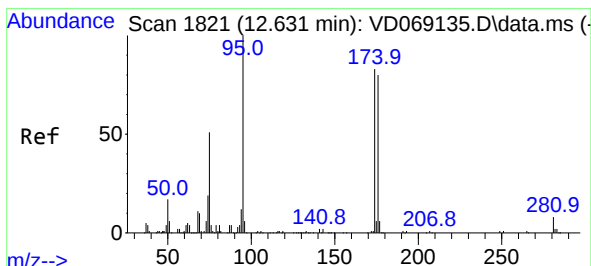
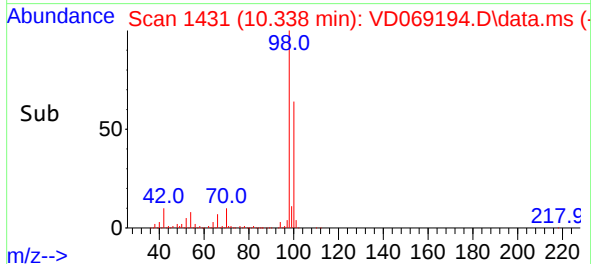
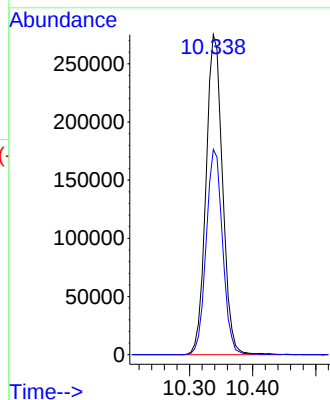
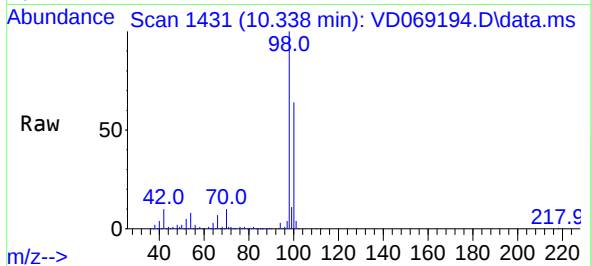




#50
Toluene-d8
Concen: 52.29 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

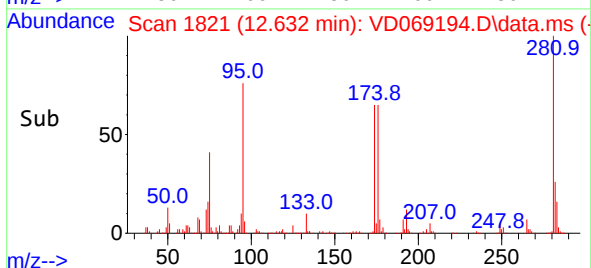
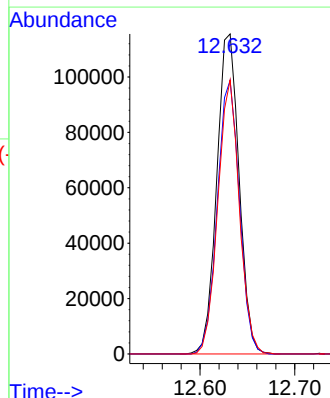
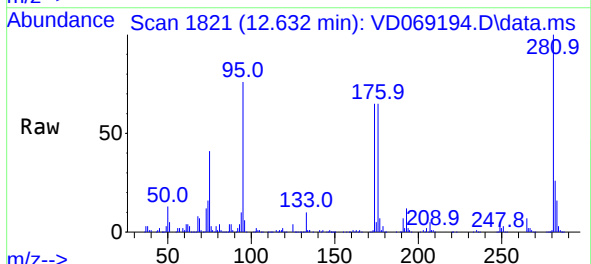
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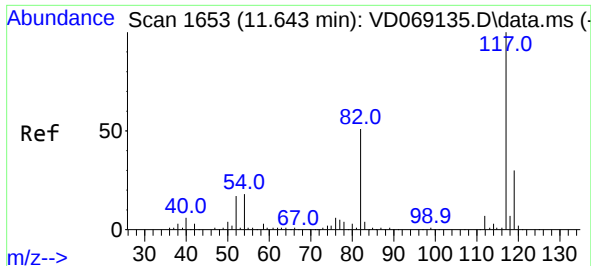
Tgt Ion: 98 Resp: 500857
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 61.38 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

Tgt Ion: 95 Resp: 189187
Ion Ratio Lower Upper
95 100
174 84.7 0.0 171.8
176 82.4 0.0 165.4

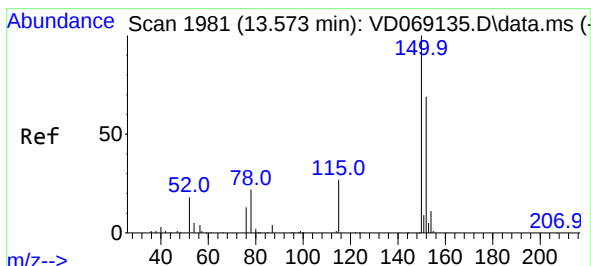
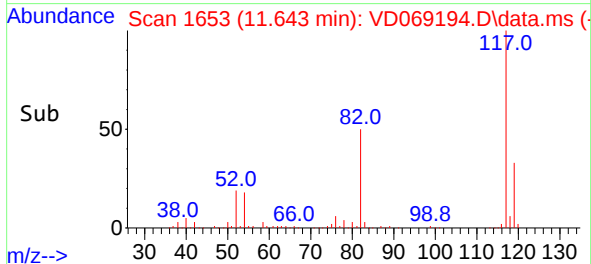
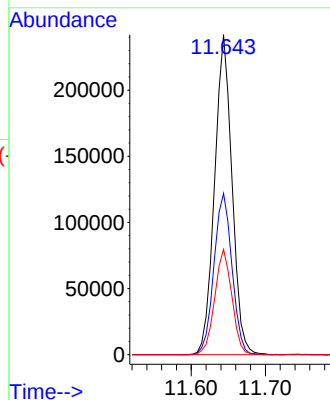
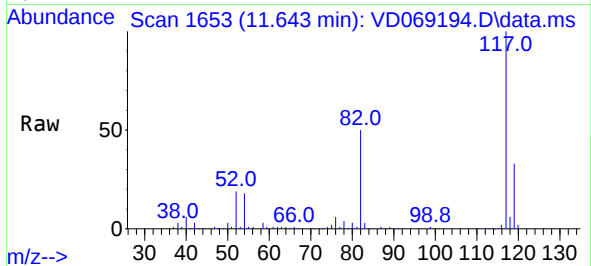




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069194.D
Acq: 19 May 2021 14:04

Instrument :
MSVOA_D
ClientSampleId :
PL-02-051821

Tgt Ion:117 Resp: 395245
Ion Ratio Lower Upper
117 100
82 50.4 40.5 60.7
119 32.9 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: VD069194.D
Acq: 19 May 2021 14:04

Tgt Ion:152 Resp: 164681
Ion Ratio Lower Upper
152 100
115 56.9 29.9 89.8
150 158.0 0.0 350.2

