

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069183.D
 Acq On : 14 May 2021 18:16
 Operator : VA/SY
 Sample : M2367-05
 Misc : 6.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PV-SP2

Quant Time: May 15 02:36:45 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	153626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	305644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	303570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	137018	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	124322	80.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	161.44%
35) Dibromofluoromethane	7.914	113	118490	59.57	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.14%
50) Toluene-d8	10.338	98	394016	53.91	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.82%
62) 4-Bromofluorobenzene	12.626	95	126182	53.66	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.32%

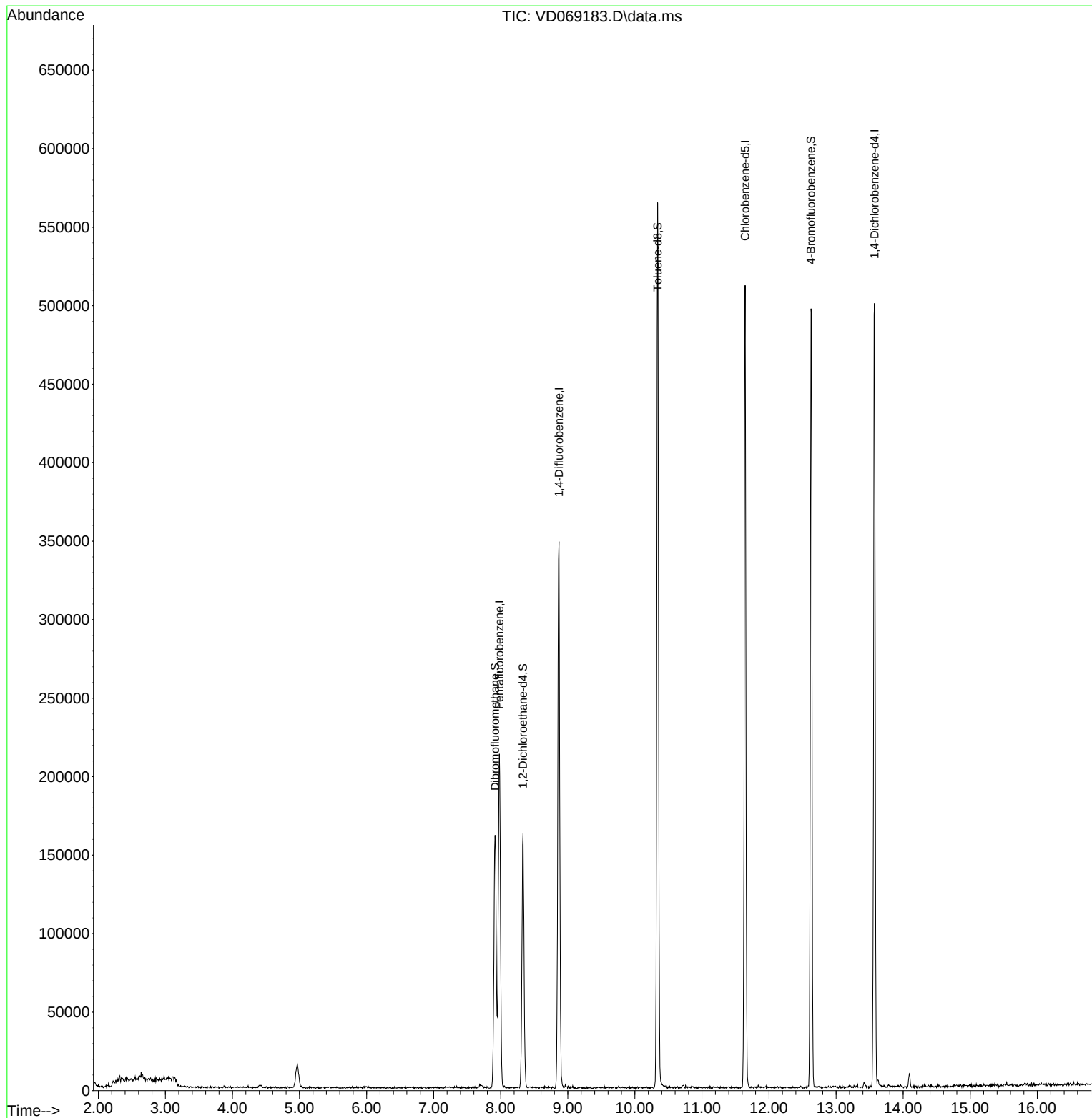
Target Compounds	Qvalue

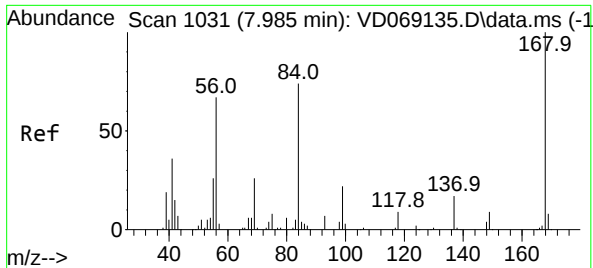
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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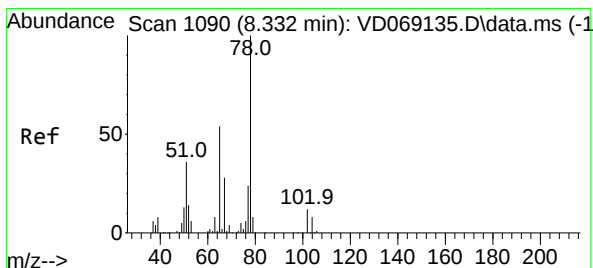
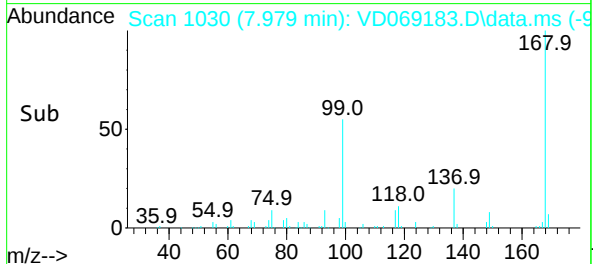
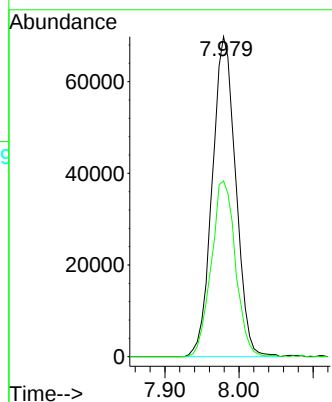
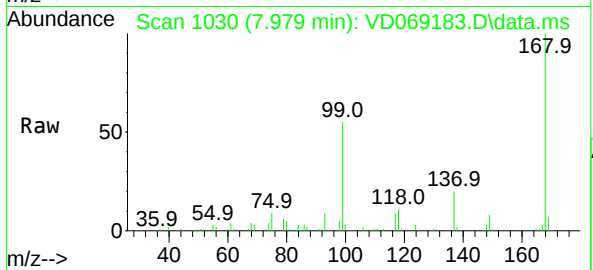




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069183.D
Acq: 14 May 2021 18:16

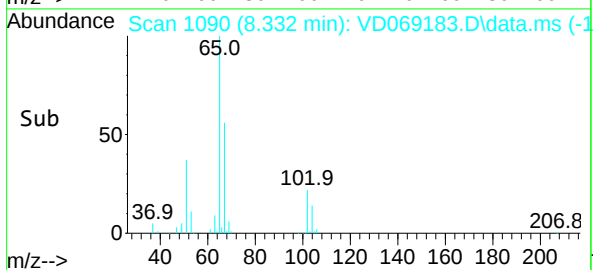
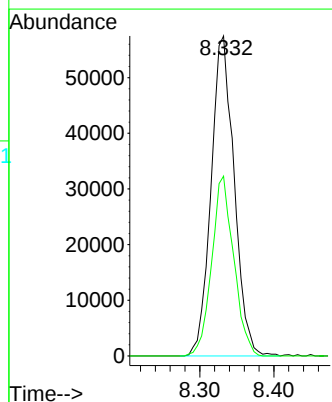
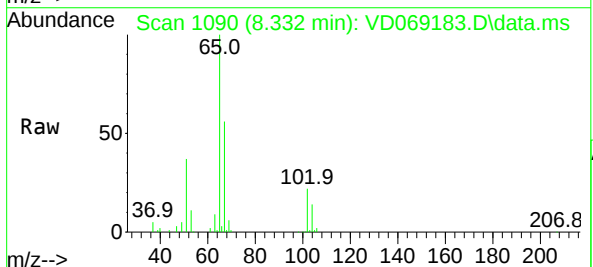
Instrument :
MSVOA_D
ClientSampleId :
PV-SP2

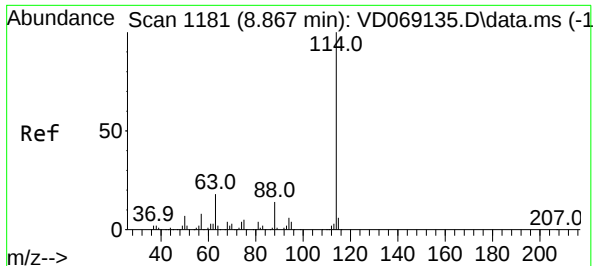
Tgt Ion:168 Resp: 153626
Ion Ratio Lower Upper
168 100
99 54.9 47.2 70.8



#33
1,2-Dichloroethane-d4
Concen: 80.72 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069183.D
Acq: 14 May 2021 18:16

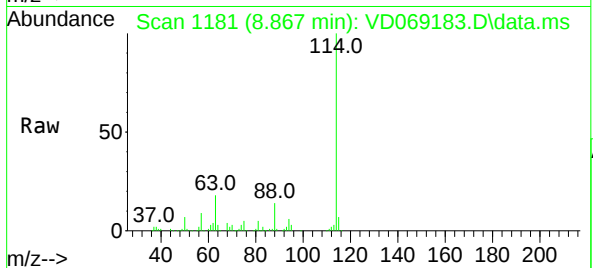
Tgt Ion: 65 Resp: 124322
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.0



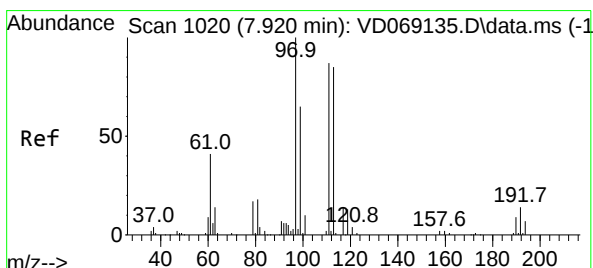
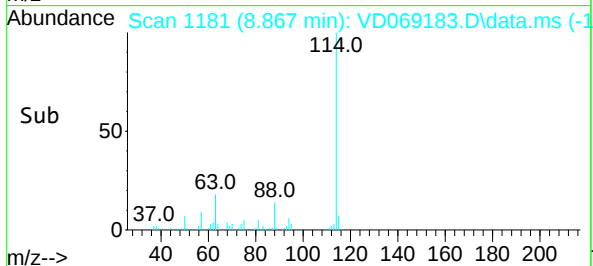
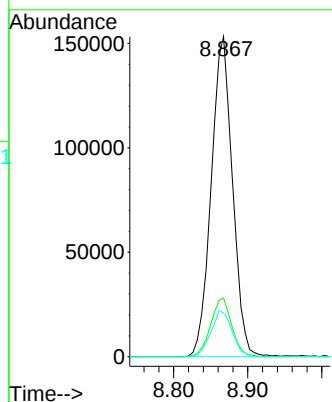


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069183.D
Acq: 14 May 2021 18:16

Instrument :
MSVOA_D
ClientSampleId :
PV-SP2

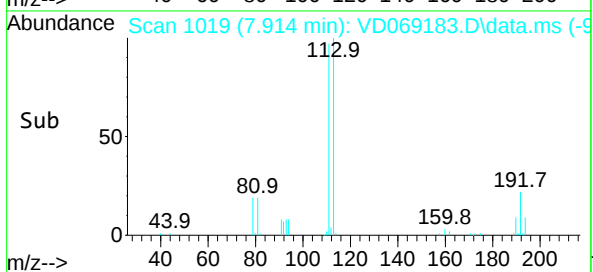
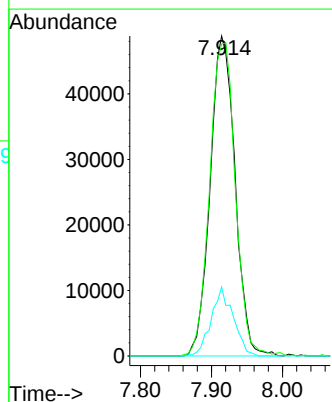
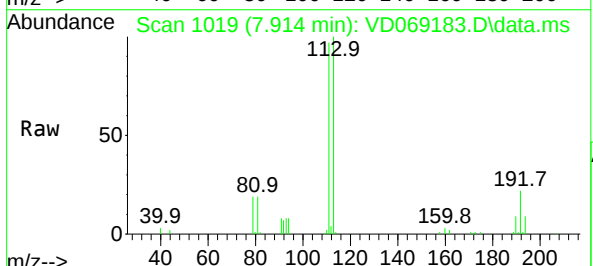


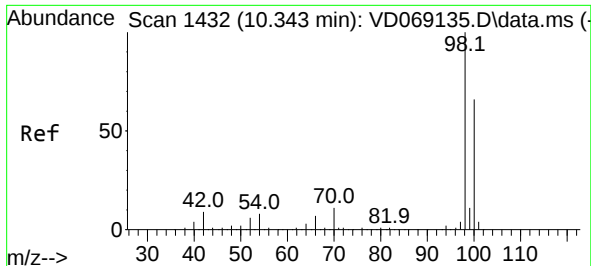
Tgt Ion:114 Resp: 305644
Ion Ratio Lower Upper
114 100
63 18.3 0.0 36.4
88 13.7 0.0 28.2



#35
Dibromofluoromethane
Concen: 59.57 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069183.D
Acq: 14 May 2021 18:16

Tgt Ion:113 Resp: 118490
Ion Ratio Lower Upper
113 100
111 101.4 80.6 120.8
192 19.1 14.8 22.2

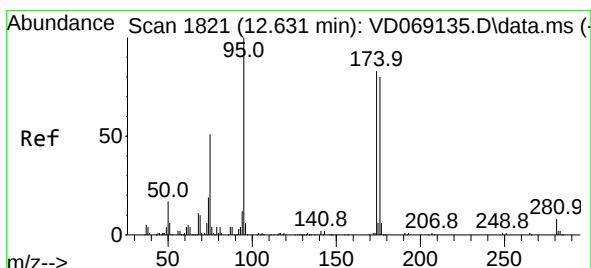
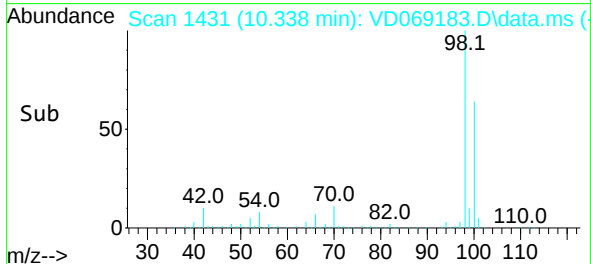
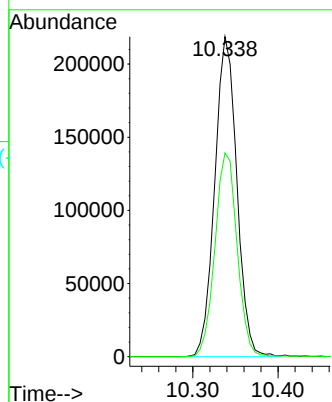
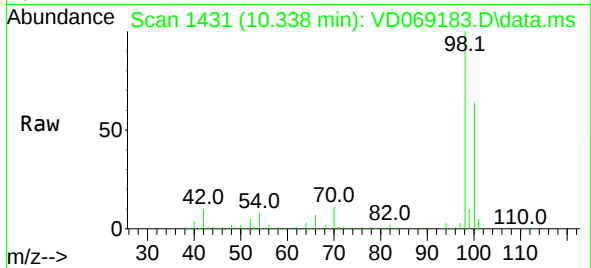




#50
Toluene-d8
Concen: 53.91 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069183.D
Acq: 14 May 2021 18:16

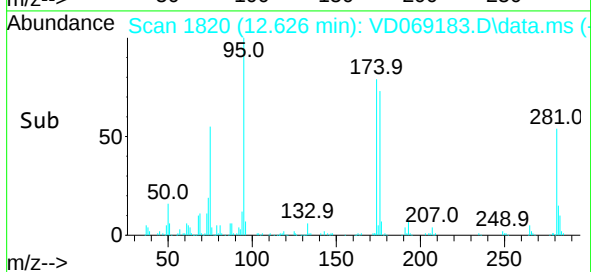
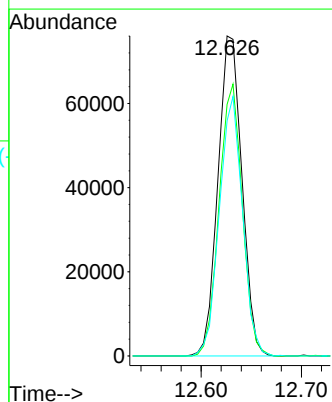
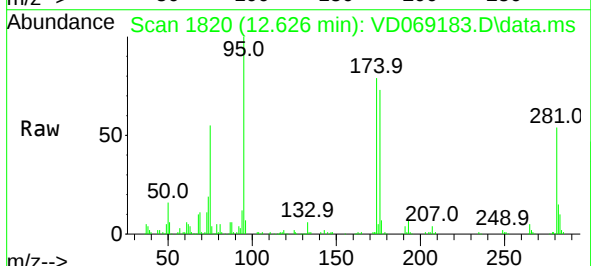
Instrument :
MSVOA_D
ClientSampleId :
PV-SP2

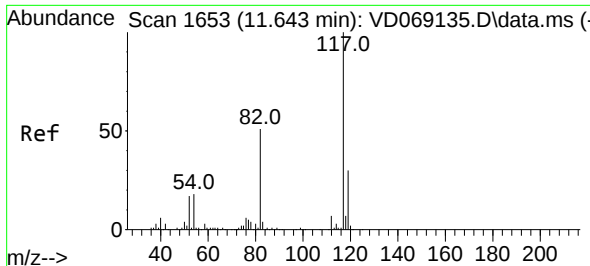
Tgt Ion: 98 Resp: 394016
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 53.66 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069183.D
Acq: 14 May 2021 18:16

Tgt Ion: 95 Resp: 126182
Ion Ratio Lower Upper
95 100
174 82.0 0.0 171.8
176 78.2 0.0 165.4

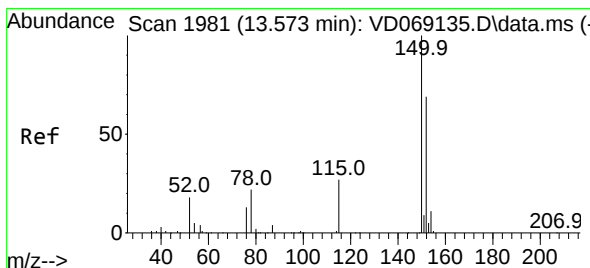
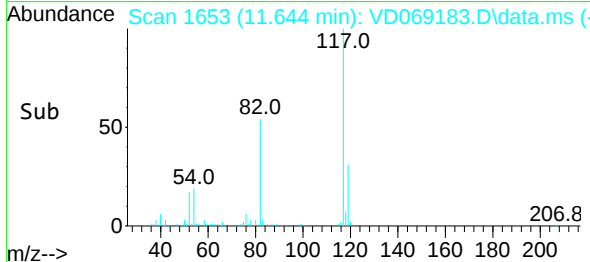
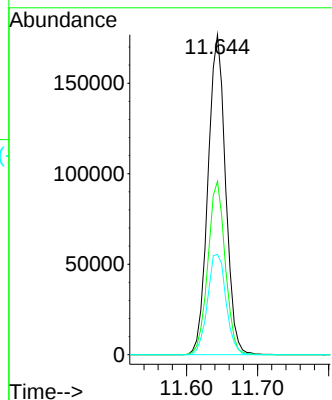
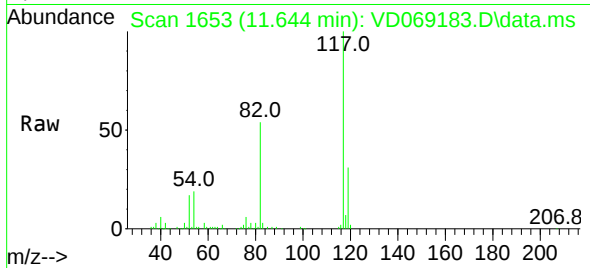




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069183.D
Acq: 14 May 2021 18:16

Instrument :
MSVOA_D
ClientSampleId :
PV-SP2

Tgt Ion:117 Resp: 303570
Ion Ratio Lower Upper
117 100
82 54.2 40.5 60.7
119 31.3 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: VD069183.D
Acq: 14 May 2021 18:16

Tgt Ion:152 Resp: 137018
Ion Ratio Lower Upper
152 100
115 59.0 29.9 89.8
150 156.1 0.0 350.2

