

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069352.D
 Acq On : 04 Jun 2021 18:12
 Operator : VA/SY
 Sample : M2598-07
 Misc : 6.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 13

Quant Time: Jun 05 00:37:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	202133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	357898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	374272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	173351	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	147066	75.827	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.660%
35) Dibromofluoromethane	7.914	113	137583	61.216	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.440%
50) Toluene-d8	10.338	98	443434	54.257	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.520%
62) 4-Bromofluorobenzene	12.632	95	149443	55.804	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.600%

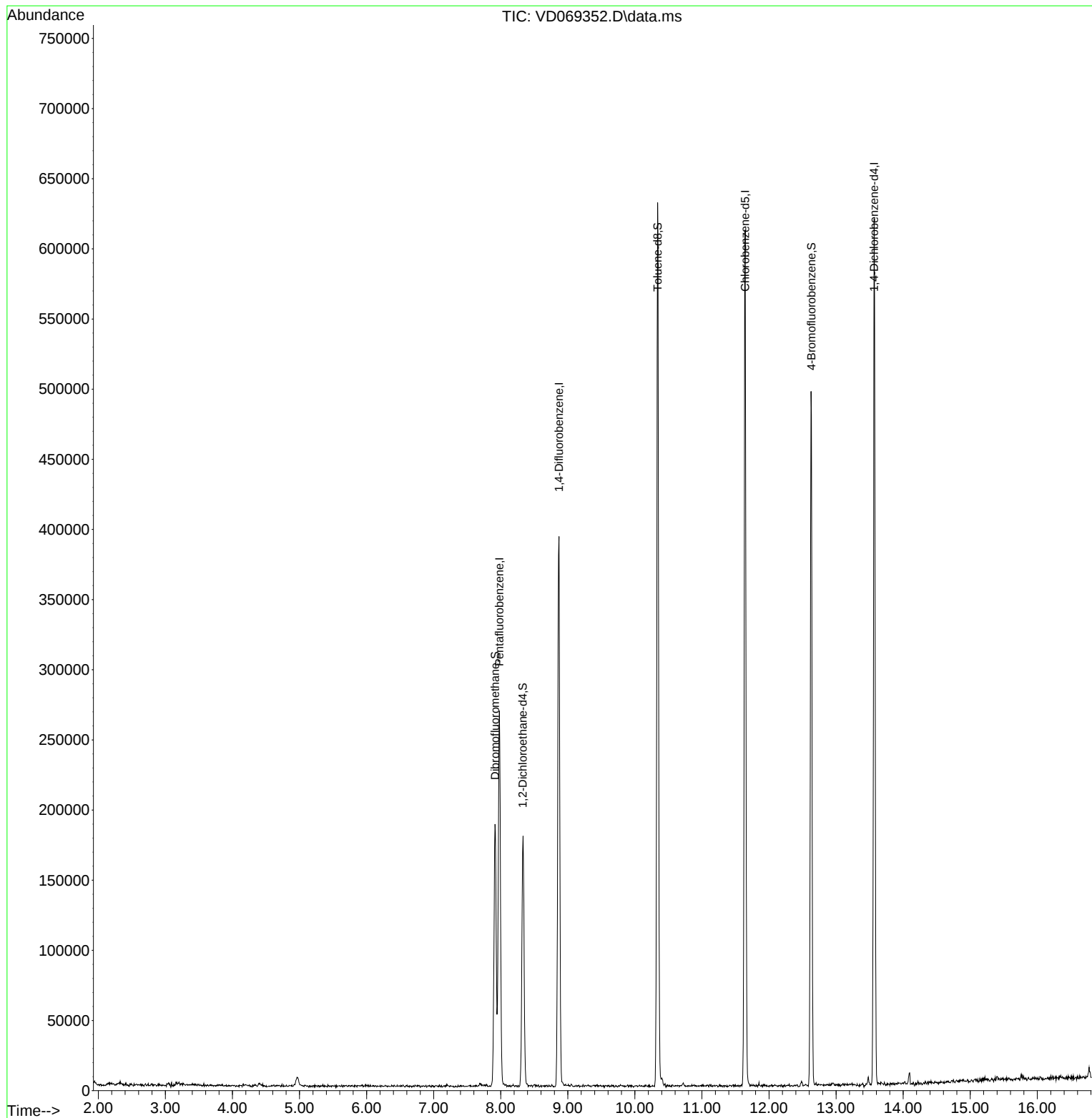
Target Compounds	Qvalue

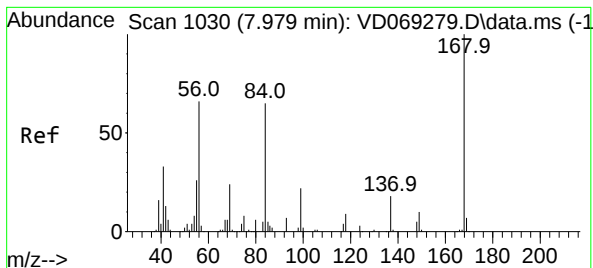
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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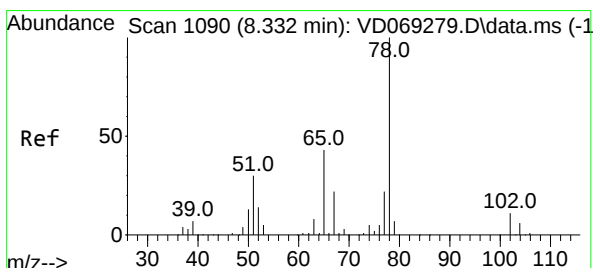
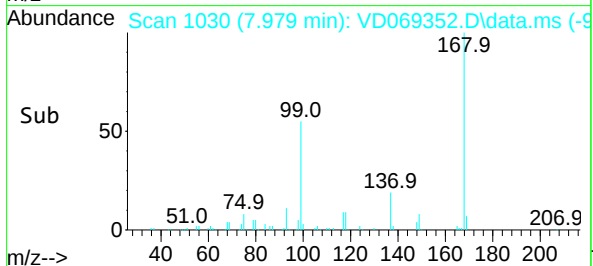
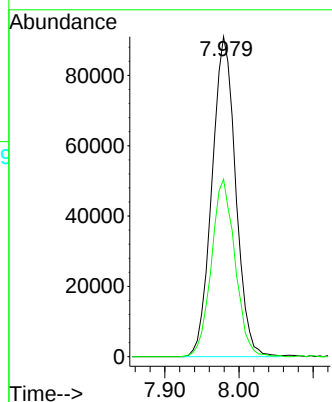
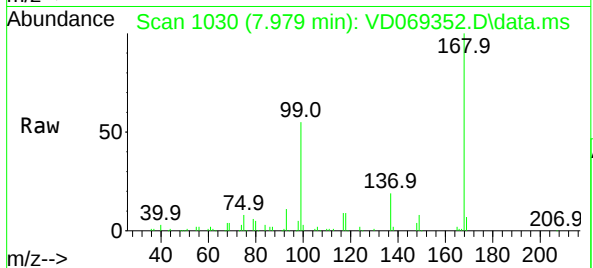




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

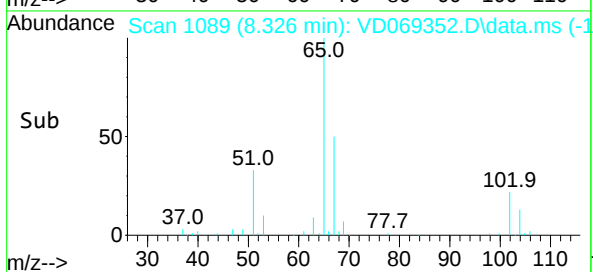
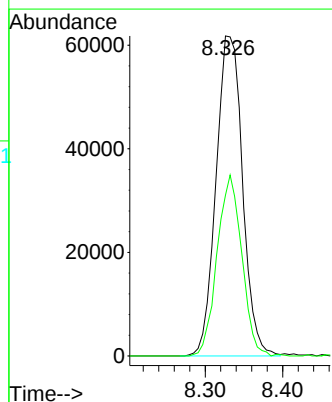
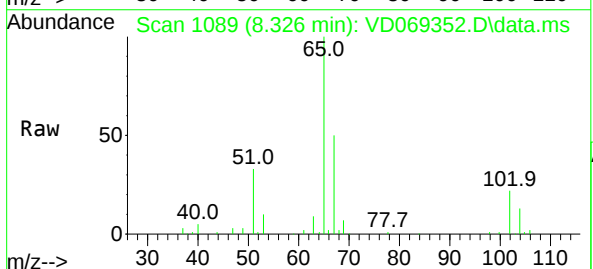
Instrument :
MSVOA_D
ClientSampled :
13

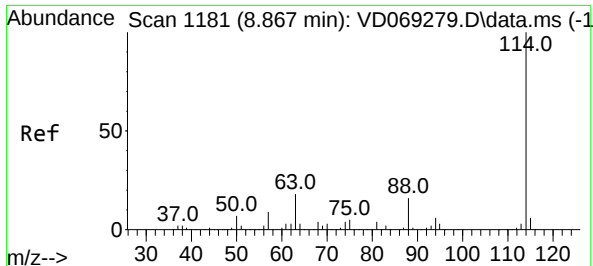
Tgt Ion:168 Resp: 202133
Ion Ratio Lower Upper
168 100
99 55.4 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 75.827 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

Tgt Ion: 65 Resp: 147066
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8

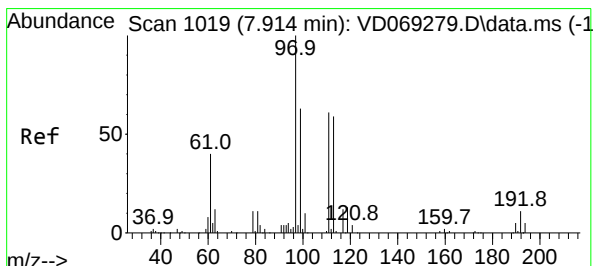
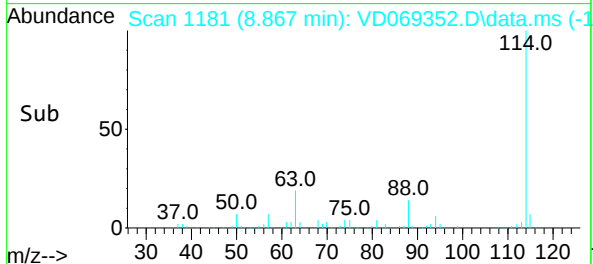
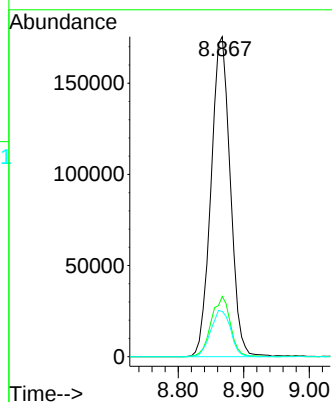
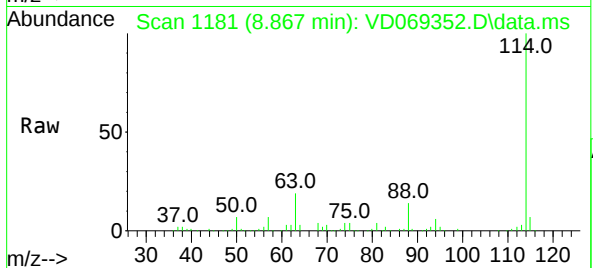




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

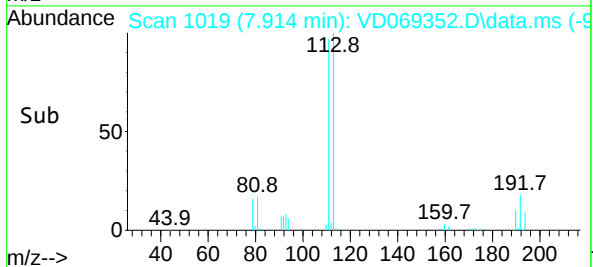
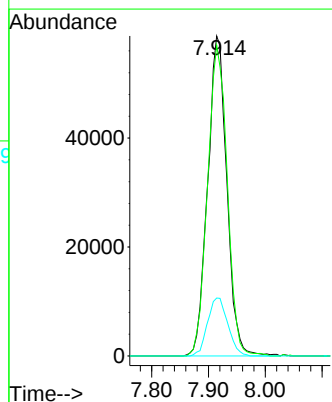
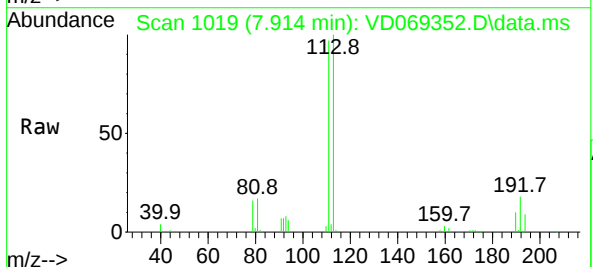
Instrument :
MSVOA_D
ClientSampled :
13

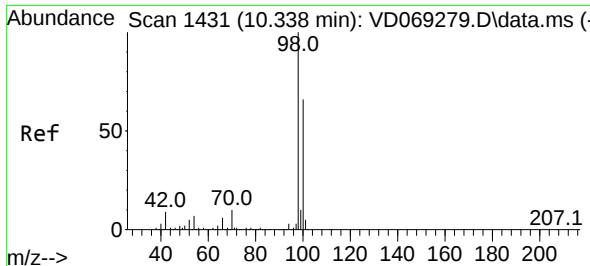
Tgt Ion:114 Resp: 357898
Ion Ratio Lower Upper
114 100
63 18.9 0.0 35.6
88 14.2 0.0 31.2



#35
Dibromofluoromethane
Concen: 61.216 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

Tgt Ion:113 Resp: 137583
Ion Ratio Lower Upper
113 100
111 99.8 83.0 124.6
192 19.1 15.1 22.7

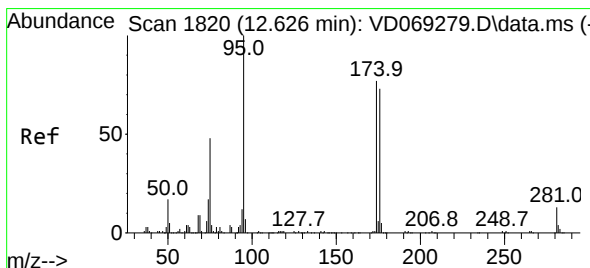
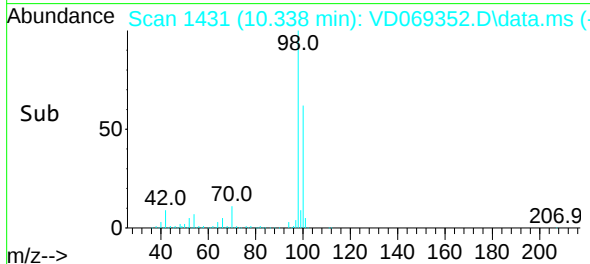
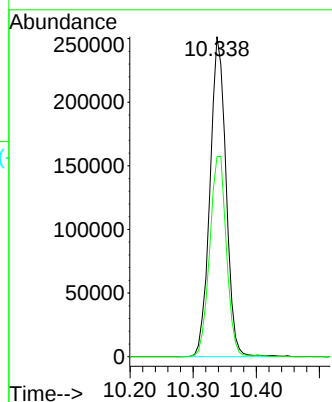
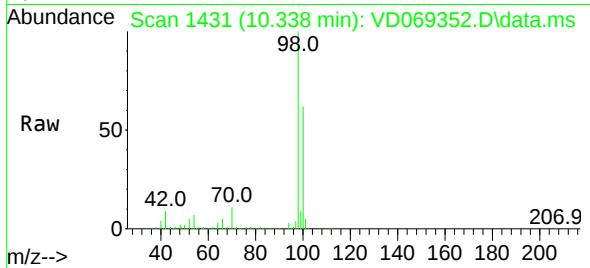




#50
Toluene-d8
Concen: 54.257 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

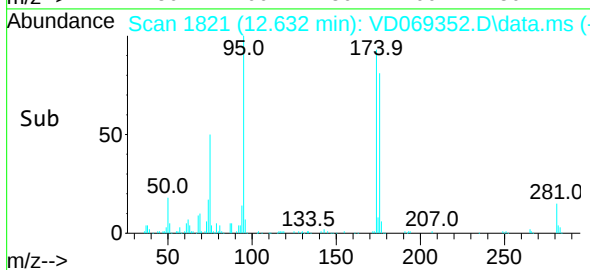
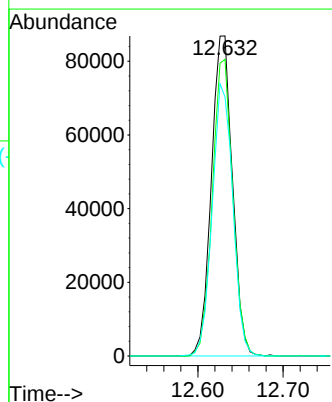
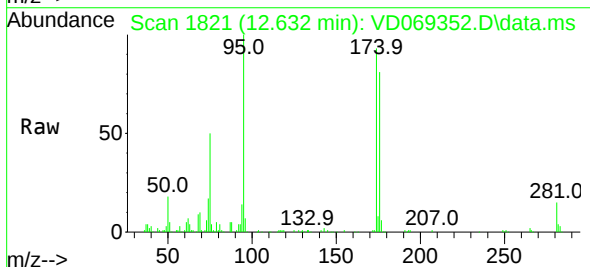
Instrument :
MSVOA_D
ClientSampleId :
13

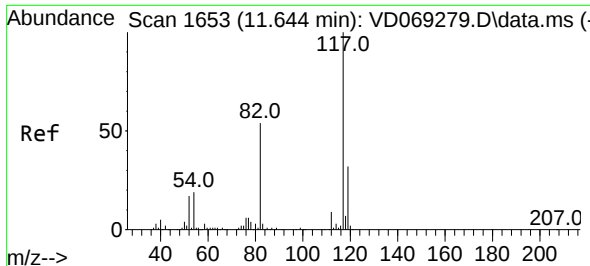
Tgt Ion: 98 Resp: 443434
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 55.804 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

Tgt Ion: 95 Resp: 149443
Ion Ratio Lower Upper
95 100
174 89.8 0.0 162.8
176 83.1 0.0 154.4

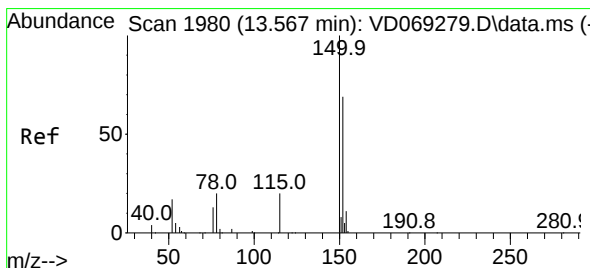
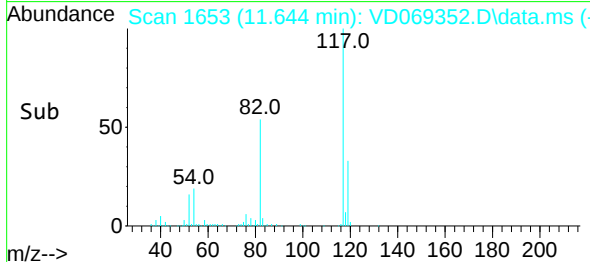
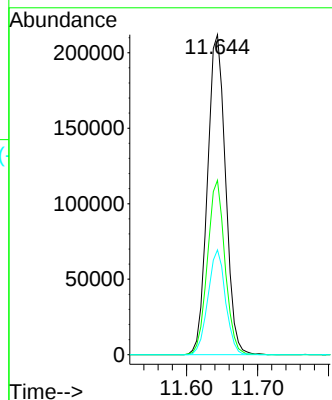
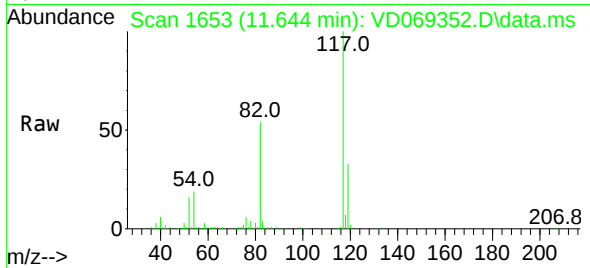




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

Instrument :
MSVOA_D
ClientSampled :
13

Tgt Ion:	117	Resp:	374272
Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.3	64.9
119	32.7	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069352.D
Acq: 04 Jun 2021 18:12

Tgt Ion:	152	Resp:	173351
Ion	Ratio	Lower	Upper
152	100		
115	57.0	29.4	88.3
150	158.6	0.0	355.0

