

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069345.D
 Acq On : 04 Jun 2021 14:54
 Operator : VA/SY
 Sample : M2584-03RE
 Misc : 6.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-060221RE

Quant Time: Jun 05 00:35:10 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	126967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	227222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	241251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	109147	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	106522	87.437	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	174.880%#
35) Dibromofluoromethane	7.914	113	92344	64.716	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.440%
50) Toluene-d8	10.338	98	283312	54.601	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.200%
62) 4-Bromofluorobenzene	12.626	95	93776	55.156	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.320%

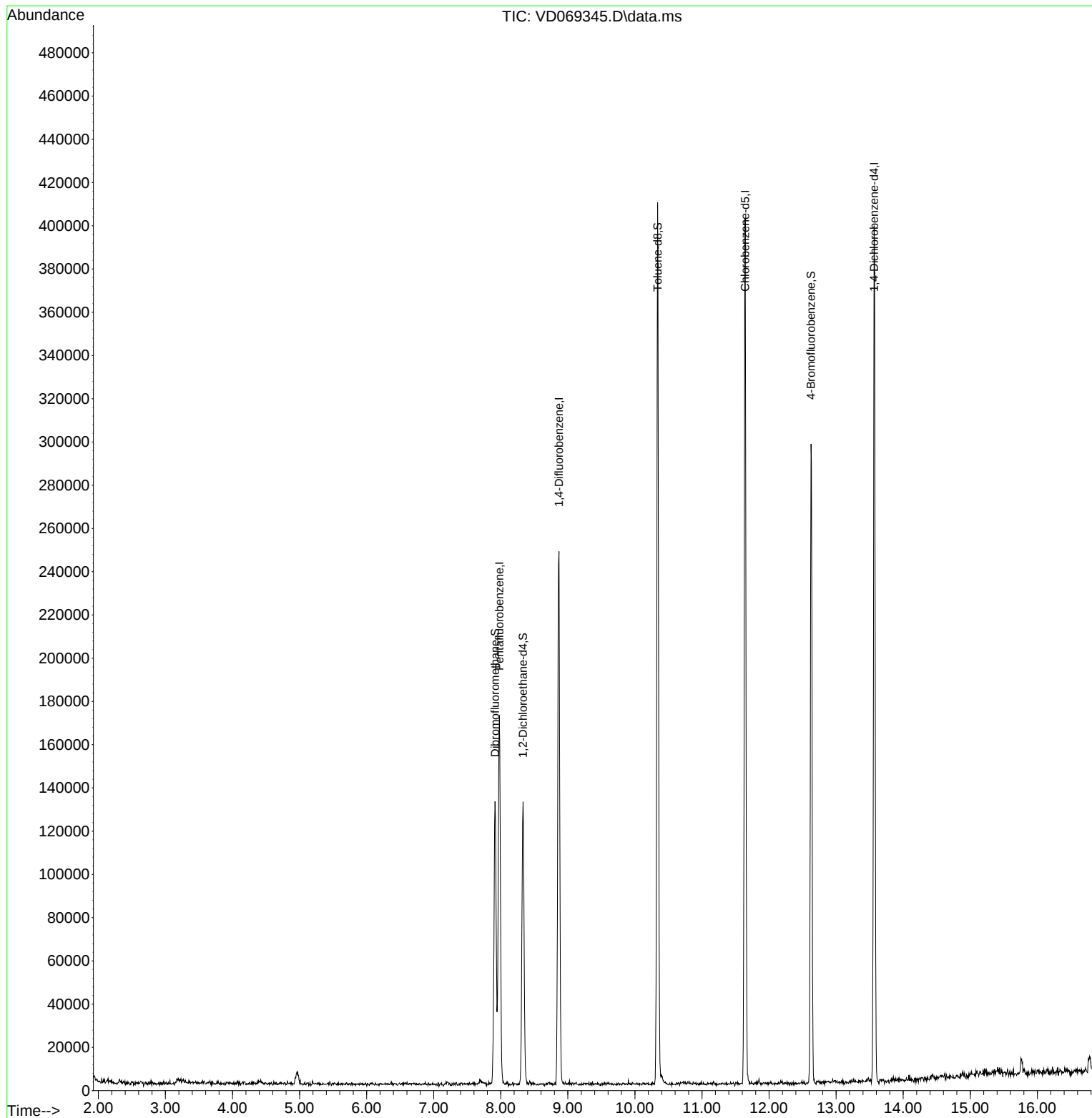
Target Compounds	Qvalue

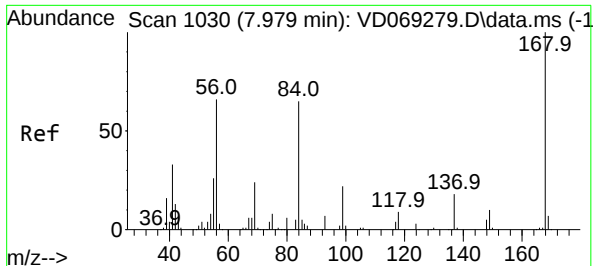
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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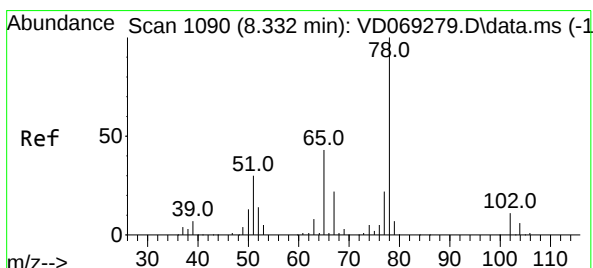
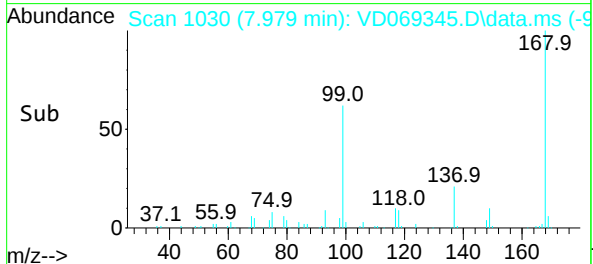
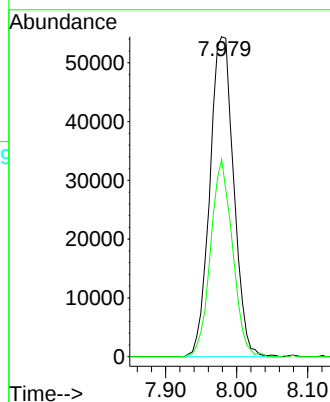
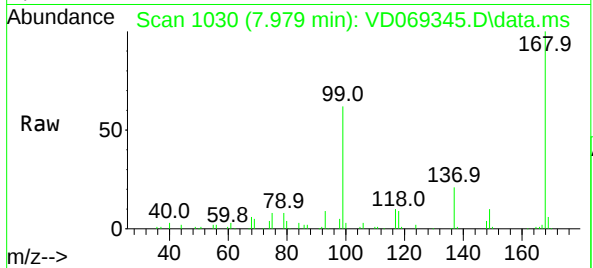




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

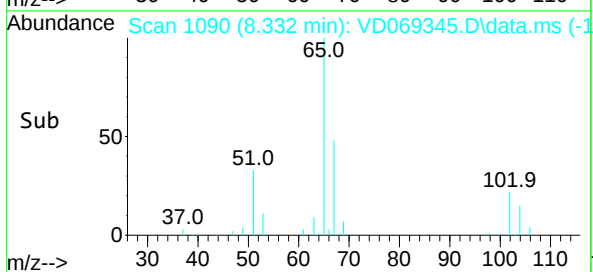
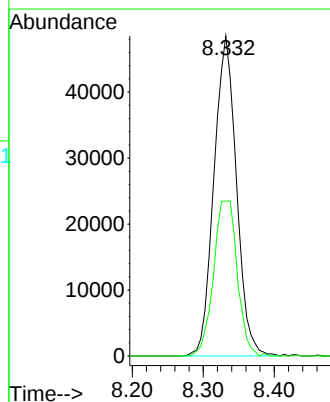
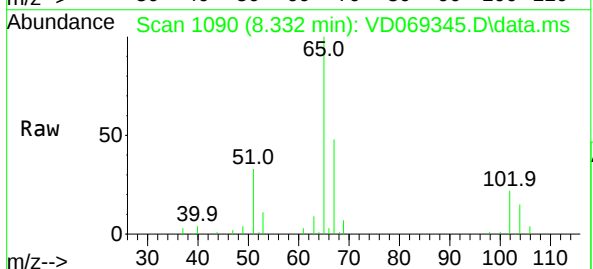
Instrument :
MSVOA_D
ClientSampleId :
EO-03-060221RE

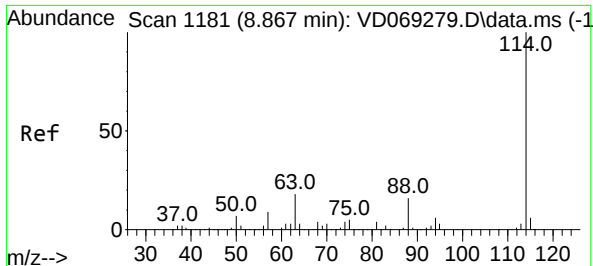
Tgt Ion:168 Resp: 126967
Ion Ratio Lower Upper
168 100
99 61.7 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 87.437 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

Tgt Ion: 65 Resp: 106522
Ion Ratio Lower Upper
65 100
67 51.3 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: VD069345.D

Acq: 04 Jun 2021 14:54

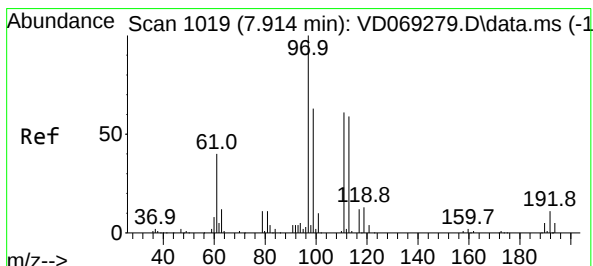
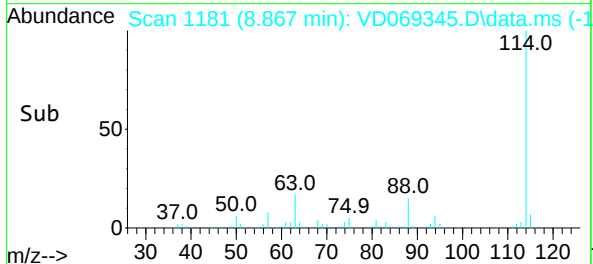
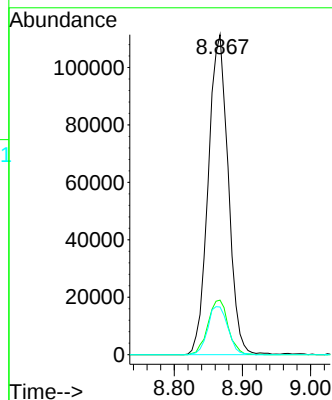
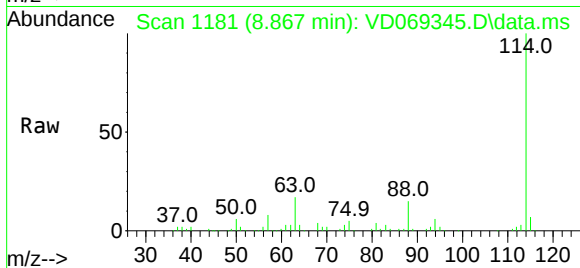
Tgt Ion:114 Resp: 227222

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.6

88 14.9 0.0 31.2



#35

Dibromofluoromethane

Concen: 64.716 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069345.D

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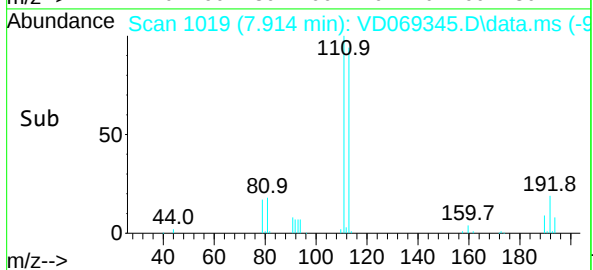
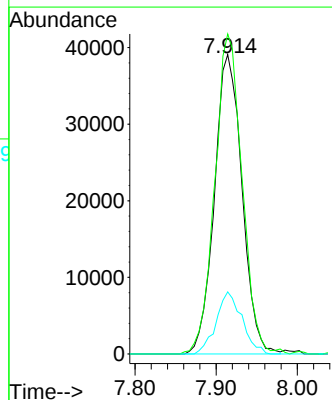
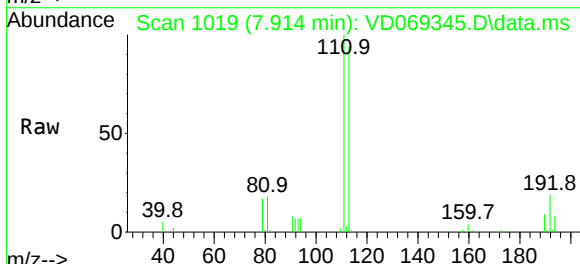
Tgt Ion:113 Resp: 92344

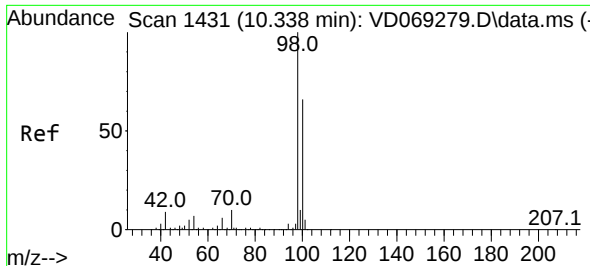
Ion Ratio Lower Upper

113 100

111 105.7 83.0 124.6

192 19.4 15.1 22.7

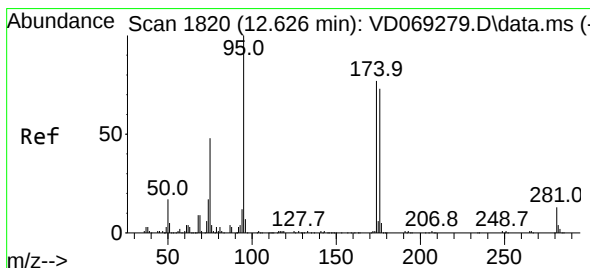
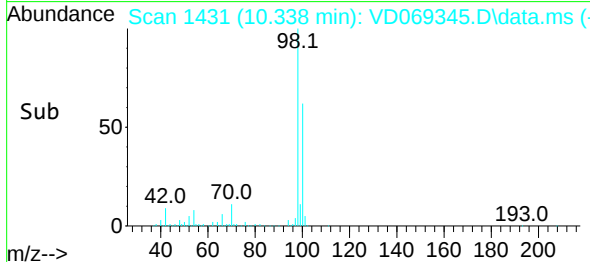
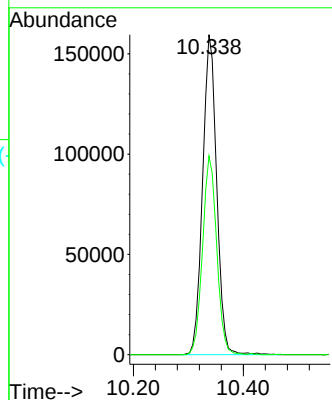
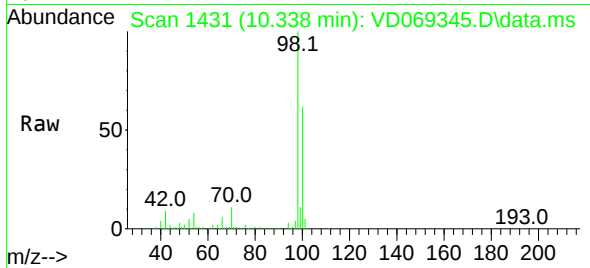




#50
Toluene-d8
Concen: 54.601 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

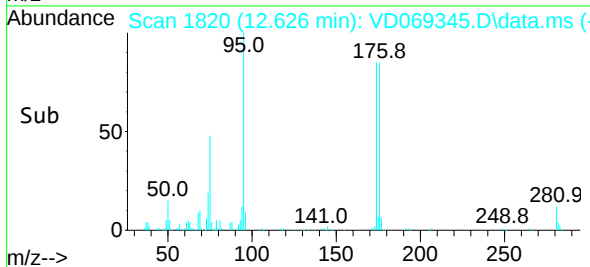
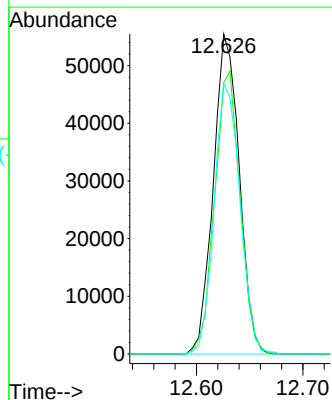
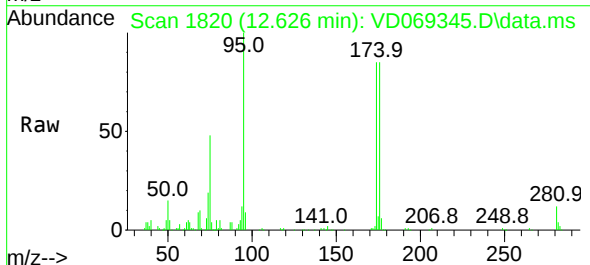
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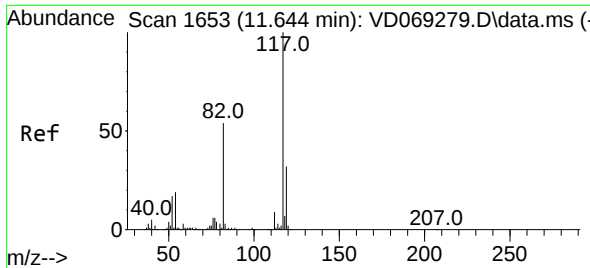
Tgt Ion: 98 Resp: 283312
Ion Ratio Lower Upper
98 100
100 62.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 55.156 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

Tgt Ion: 95 Resp: 93776
Ion Ratio Lower Upper
95 100
174 86.9 0.0 162.8
176 84.4 0.0 154.4

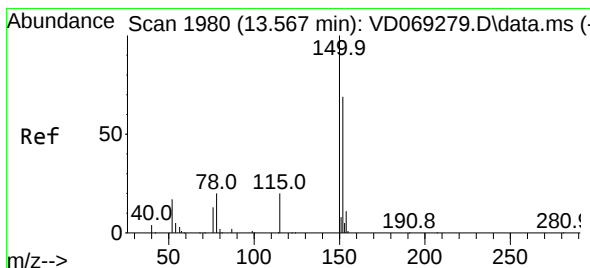
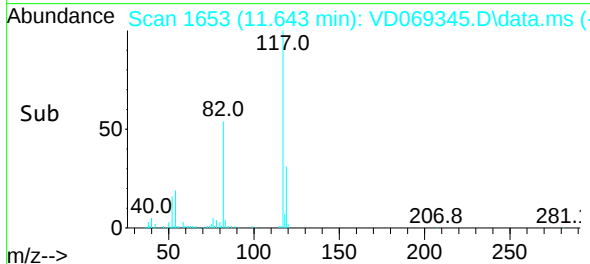
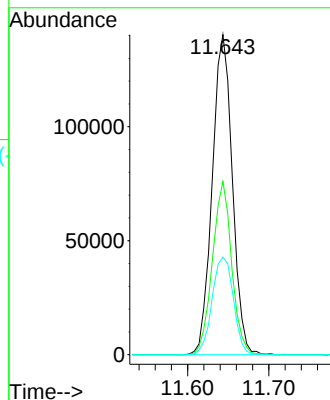
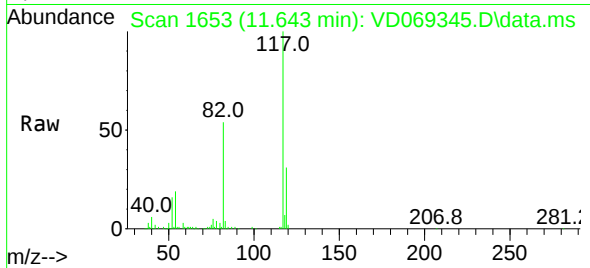




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069345.D
Acq: 04 Jun 2021 14:54

Instrument :
MSVOA_D
ClientSampleId :
EO-03-060221RE

Tgt Ion:	117	Resp:	241251
Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.3	64.9
119	30.5	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: VD069345.D
Acq: 04 Jun 2021 14:54

Tgt Ion:	152	Resp:	109147
Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.4	88.3
150	160.7	0.0	355.0

