

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060821\
 Data File : VD069389.D
 Acq On : 08 Jun 2021 13:53
 Operator : VA/SY
 Sample : M2648-01
 Misc : 4.1G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CRUSH-R

Quant Time: Jun 09 02:09:20 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	305364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	565696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	561186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	226003	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	191117	65.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.460%
35) Dibromofluoromethane	7.914	113	203383	57.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.500%
50) Toluene-d8	10.338	98	708047	54.811	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.620%
62) 4-Bromofluorobenzene	12.632	95	232920	55.027	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.060%

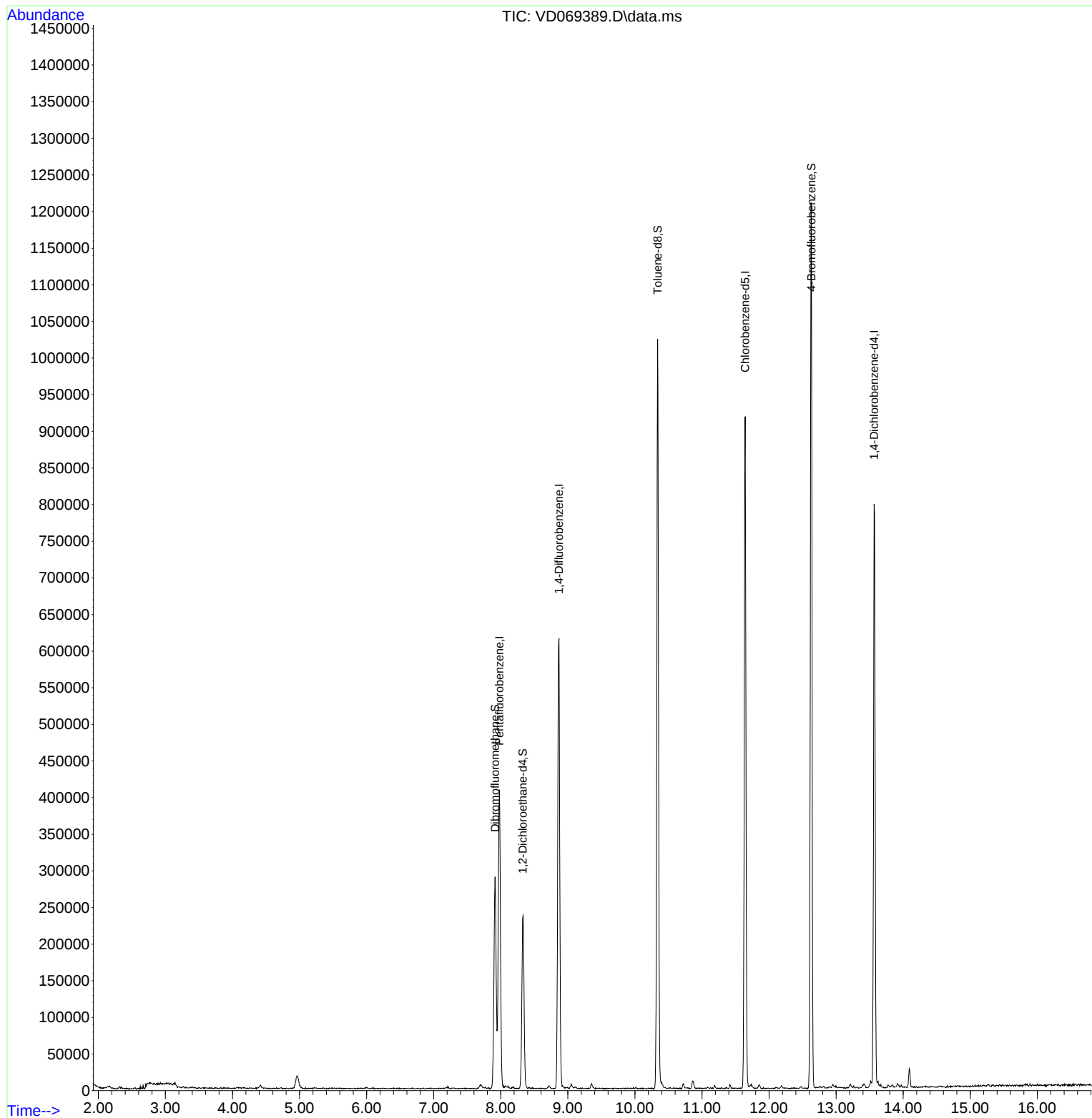
Target Compounds	Qvalue

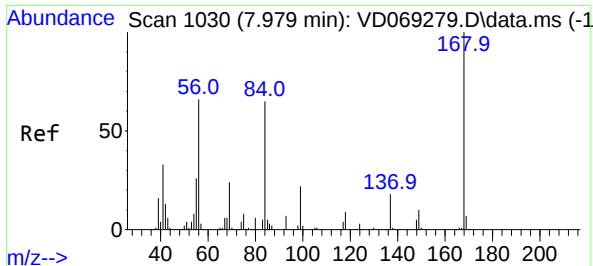
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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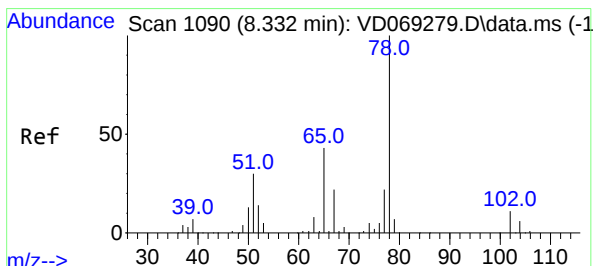
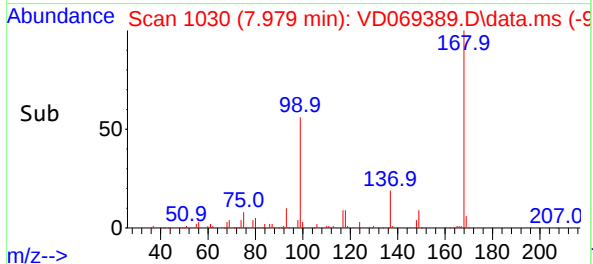
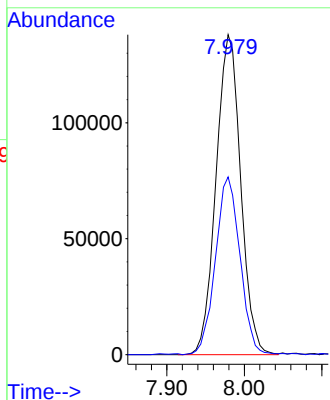
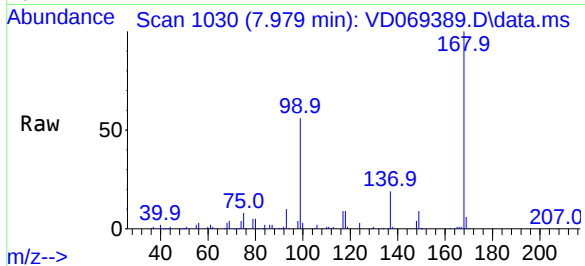




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

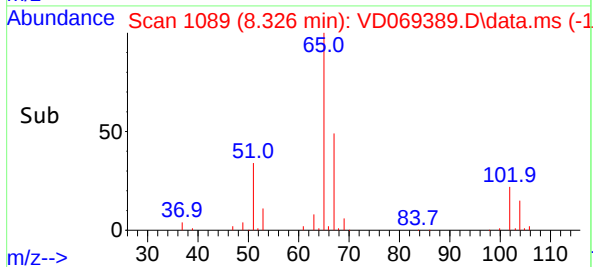
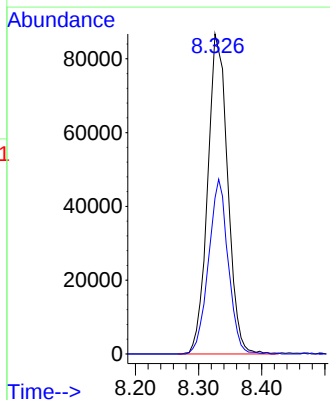
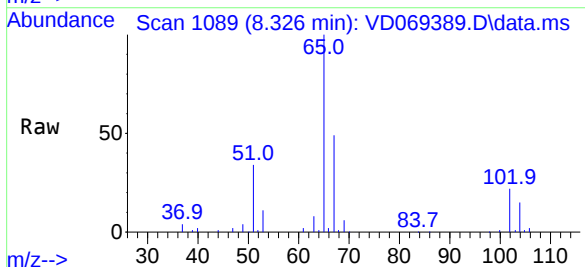
Instrument :
MSVOA_D
ClientSampleId :
CRUSH-R

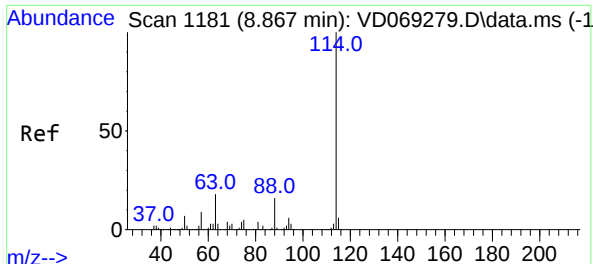
Tgt Ion:168 Resp: 305364
Ion Ratio Lower Upper
168 100
99 55.2 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 65.227 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

Tgt Ion: 65 Resp: 191117
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.8

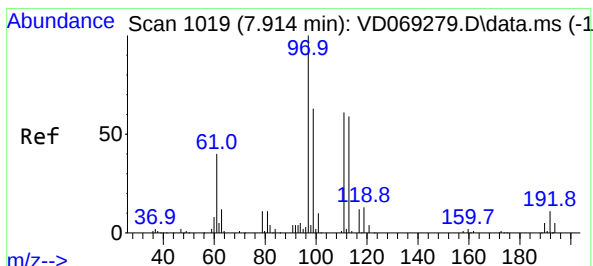
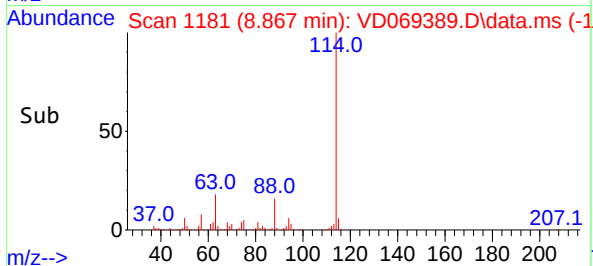
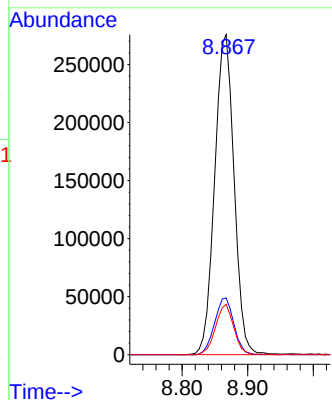
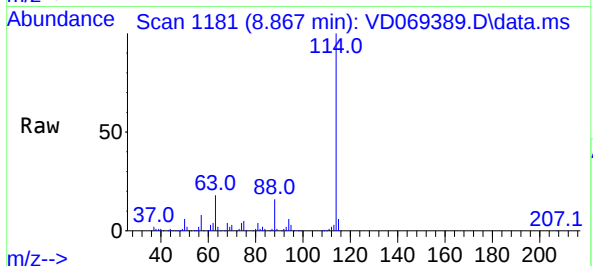




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

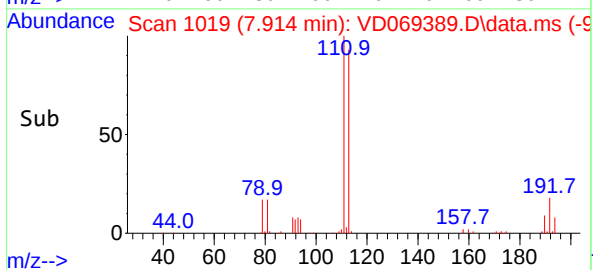
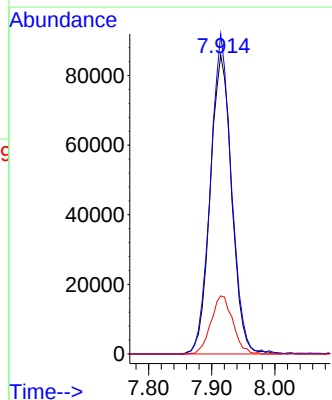
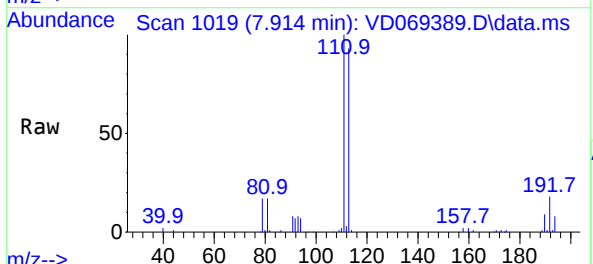
Instrument :
MSVOA_D
ClientSampleId :
CRUSH-R

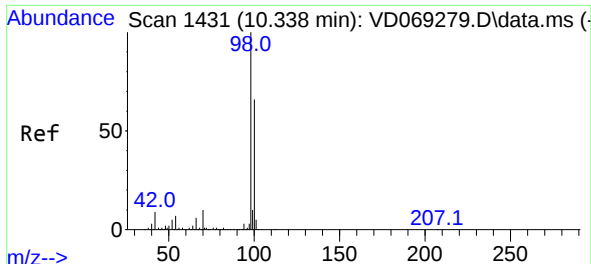
Tgt Ion:	114	Resp:	565696
Ion Ratio	Lower	Upper	
114	100		
63	17.7	0.0	35.6
88	15.7	0.0	31.2



#35
Dibromofluoromethane
Concen: 57.252 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

Tgt Ion:	113	Resp:	203383
Ion Ratio	Lower	Upper	
113	100		
111	104.4	83.0	124.6
192	19.7	15.1	22.7

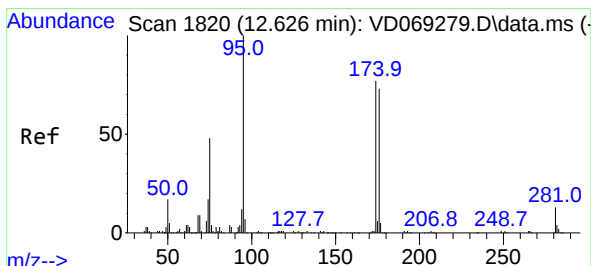
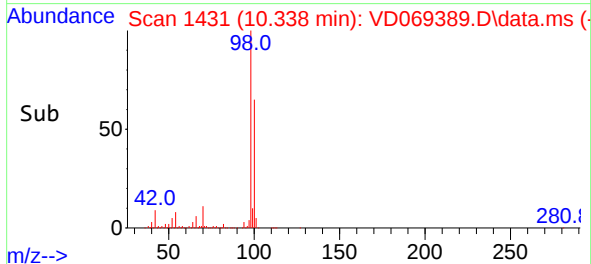
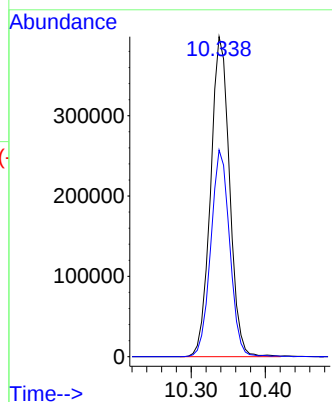
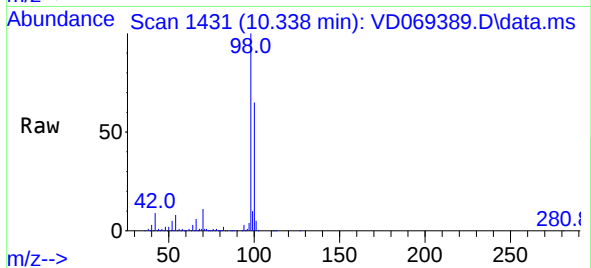




#50
Toluene-d8
Concen: 54.811 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

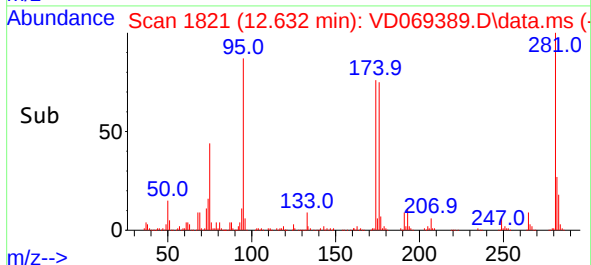
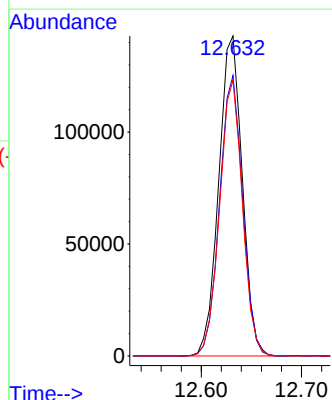
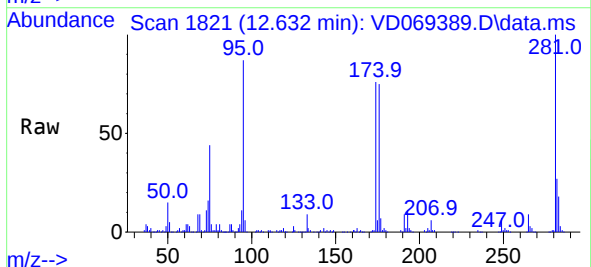
Instrument :
MSVOA_D
ClientSampleId :
CRUSH-R

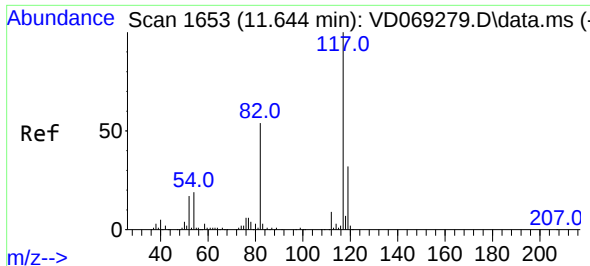
Tgt Ion: 98 Resp: 708047
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 55.027 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

Tgt Ion: 95 Resp: 232920
Ion Ratio Lower Upper
95 100
174 85.9 0.0 162.8
176 83.5 0.0 154.4

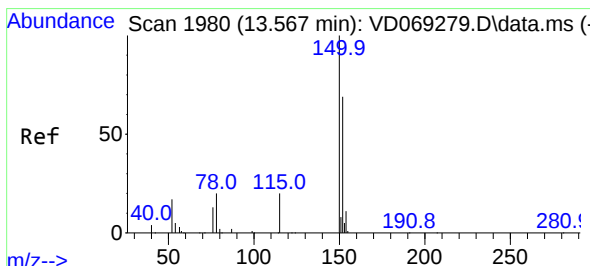
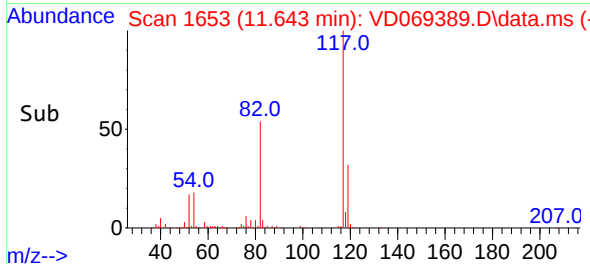
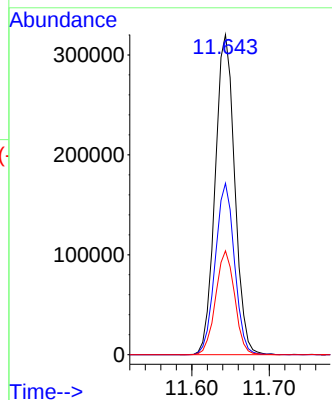
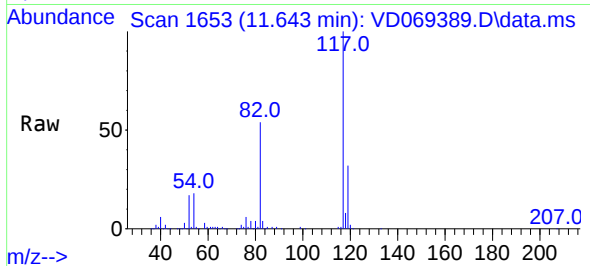




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069389.D
Acq: 08 Jun 2021 13:53

Instrument :
MSVOA_D
ClientSampled :
CRUSH-R

Tgt Ion:	117	Resp:	561186
Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.3	64.9
119	32.5	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: VD069389.D
Acq: 08 Jun 2021 13:53

Tgt Ion:	152	Resp:	226003
Ion	Ratio	Lower	Upper
152	100		
115	56.5	29.4	88.3
150	158.3	0.0	355.0

