

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
 Data File : VD069079.D
 Acq On : 06 May 2021 16:56
 Operator : VA/SY
 Sample : M2296-01
 Misc : 7.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

Quant Time: May 07 01:11:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	34486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	57187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	72029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	37243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	24810	55.82	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.64%
35) Dibromofluoromethane	7.908	113	22835	58.23	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.46%
50) Toluene-d8	10.338	98	66618	46.01	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.02%
62) 4-Bromofluorobenzene	12.626	95	29640	62.24	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.48%

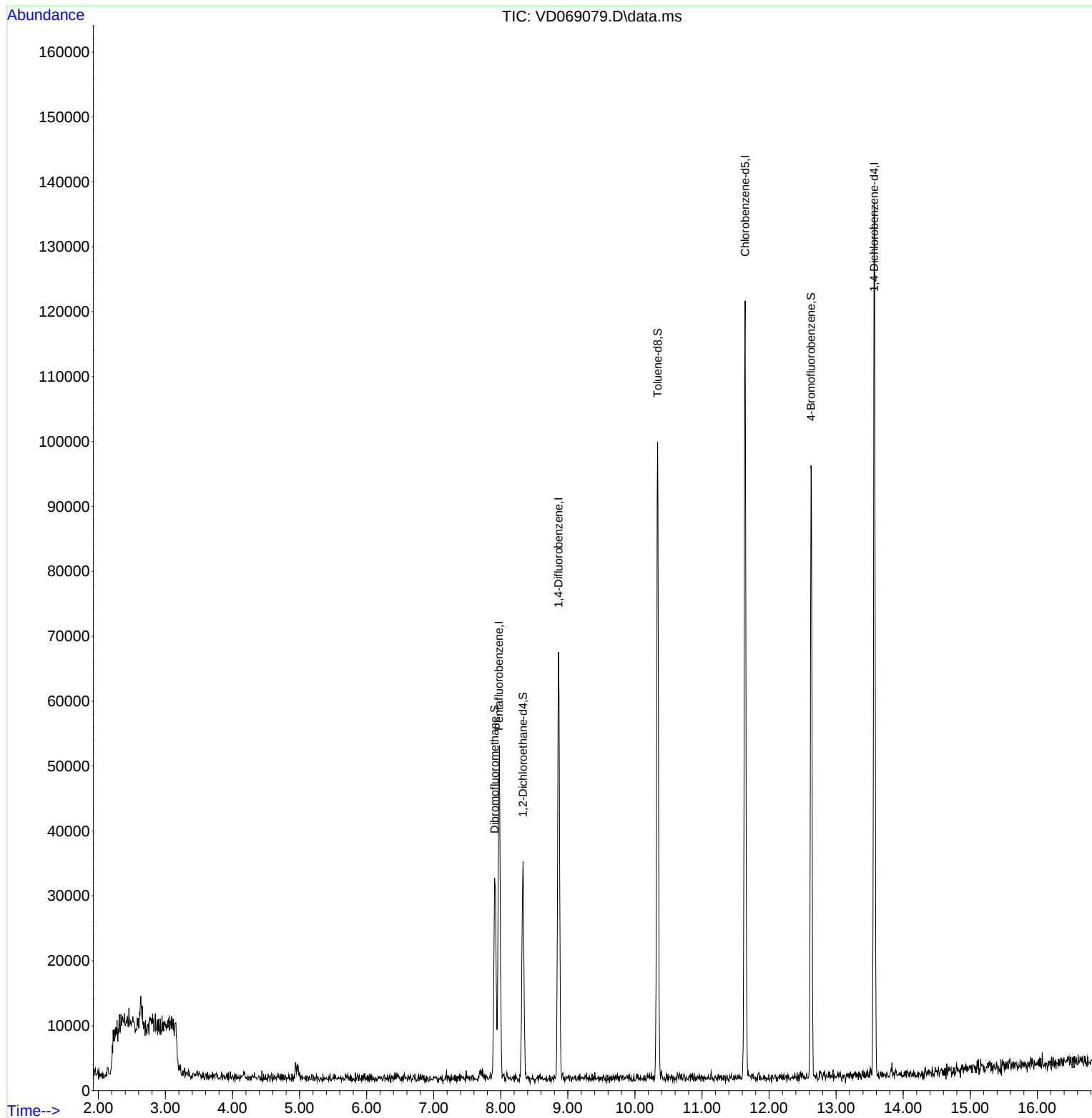
Target Compounds	Qvalue

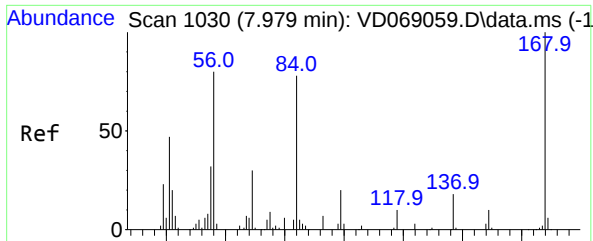
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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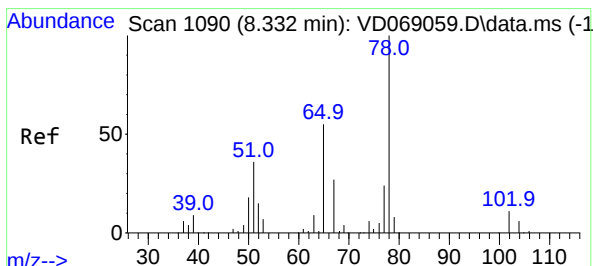
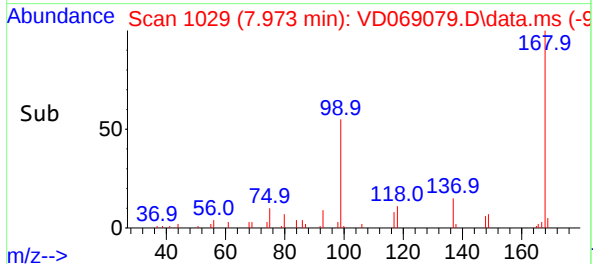
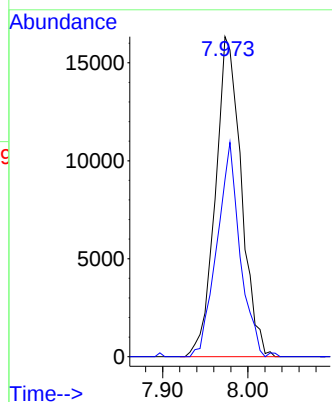
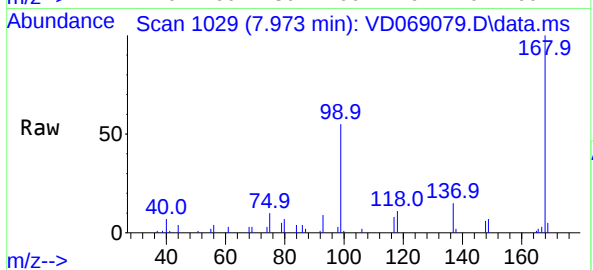




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.006 min
 Lab File: VD069079.D
 Acq: 06 May 2021 16:56

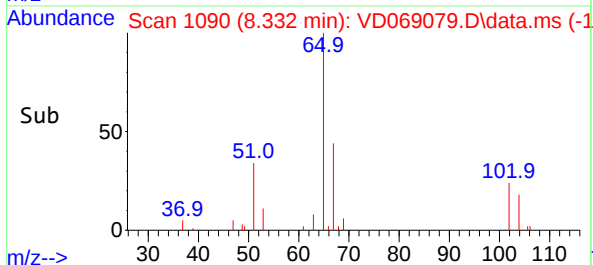
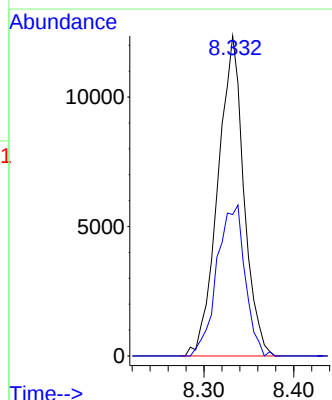
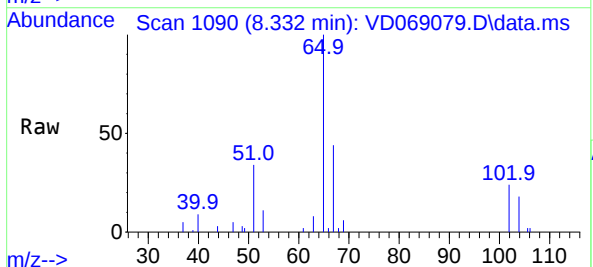
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

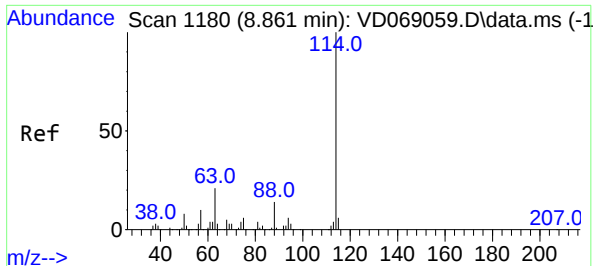
Tgt Ion:168 Resp: 34486
 Ion Ratio Lower Upper
 168 100
 99 55.4 52.6 78.8



1,2-Dichloroethane-d4
 Concen: 55.82 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VD069079.D
 Acq: 06 May 2021 16:56

Tgt Ion: 65 Resp: 24810
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.4



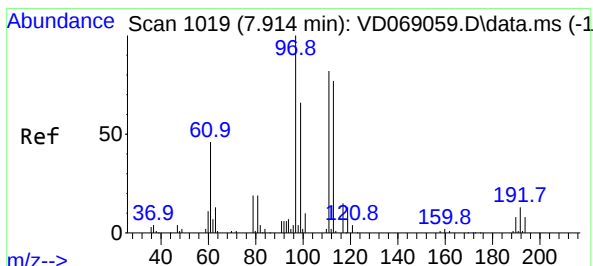
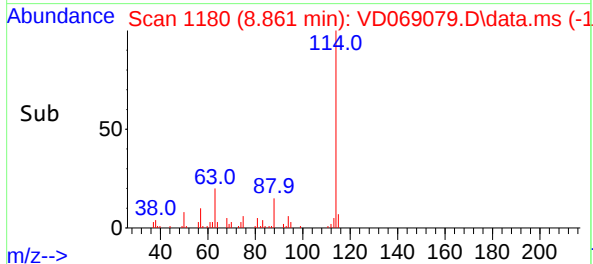
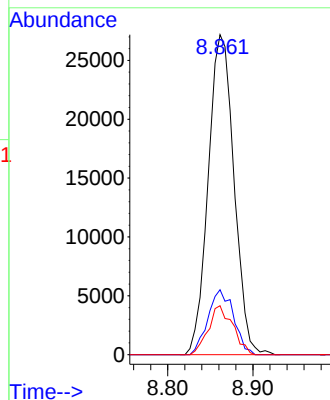
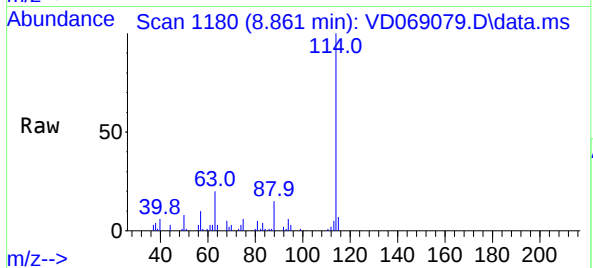


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

Instrument :
MSVOA_D
ClientSampled :
SP-1

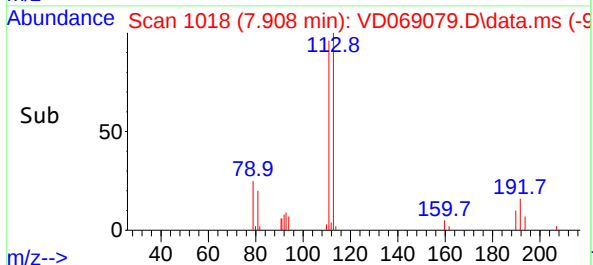
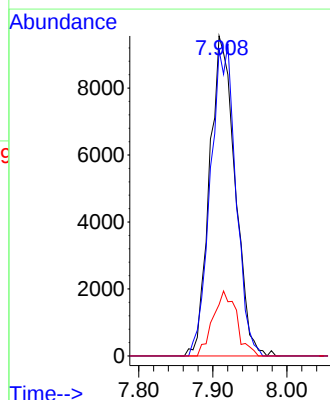
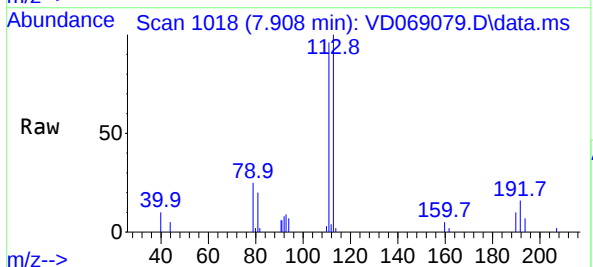
Tgt Ion:	114	Resp:	57187
Ion Ratio	Lower	Upper	
114	100		
63	20.3	0.0	41.4
88	15.3	0.0	27.8

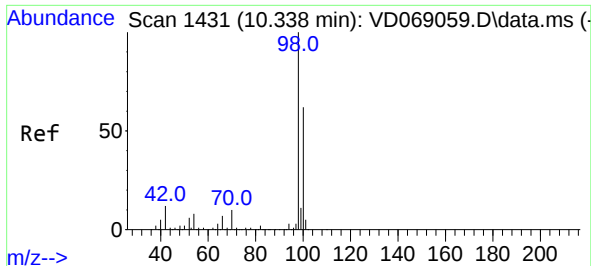


#35

Dibromofluoromethane
Concen: 58.23 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

Tgt Ion:	113	Resp:	22835
Ion Ratio	Lower	Upper	
113	100		
111	96.7	84.6	126.8
192	18.8	13.5	20.3

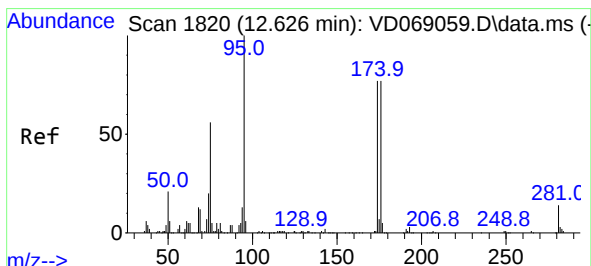
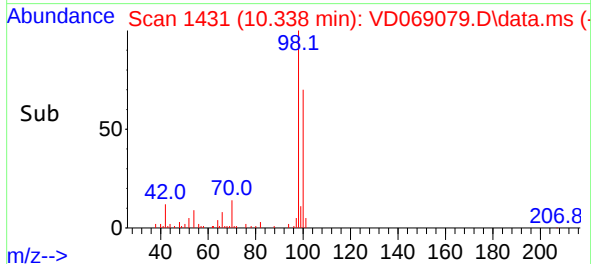
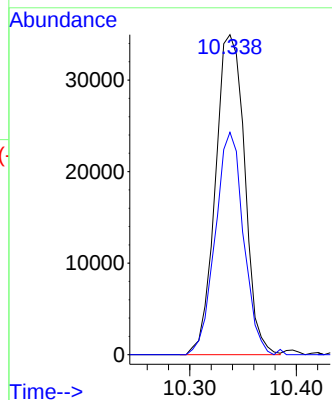
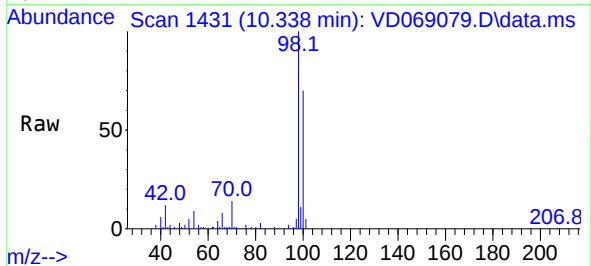




#50
Toluene-d8
Concen: 46.01 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

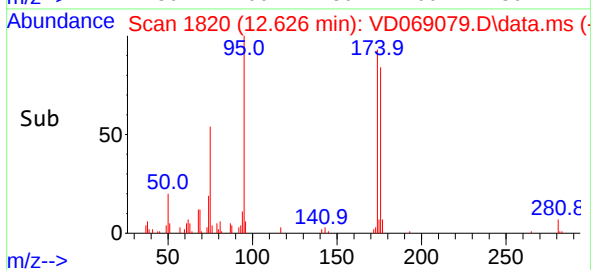
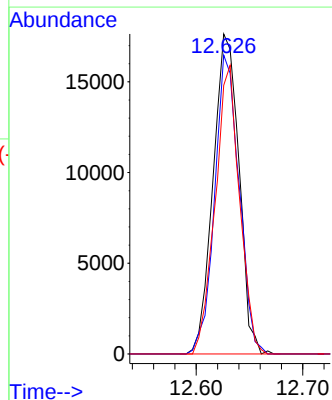
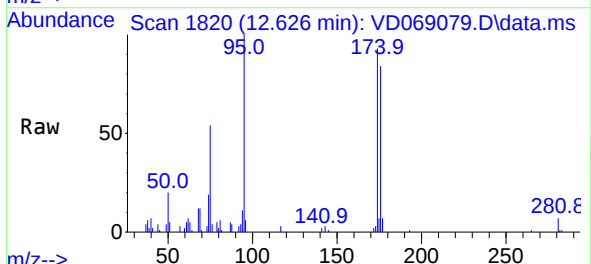
Instrument :
MSVOA_D
ClientSampled :
SP-1

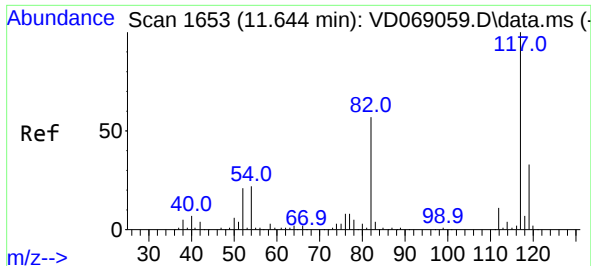
Tgt Ion: 98 Resp: 66618
Ion Ratio Lower Upper
98 100
100 67.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 62.24 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

Tgt Ion: 95 Resp: 29640
Ion Ratio Lower Upper
95 100
174 88.8 0.0 156.0
176 85.2 0.0 149.4

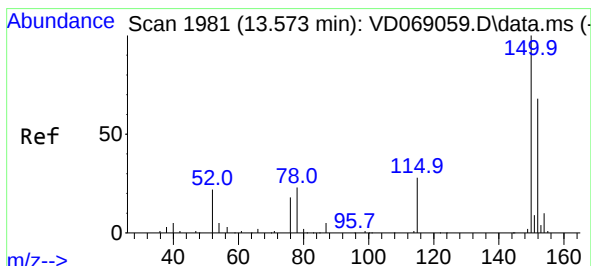
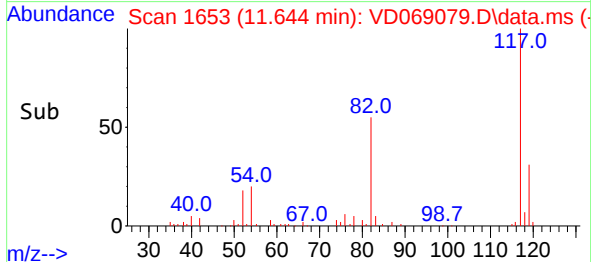
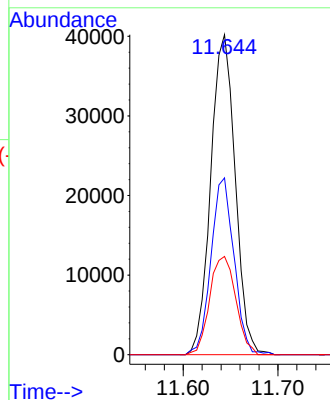
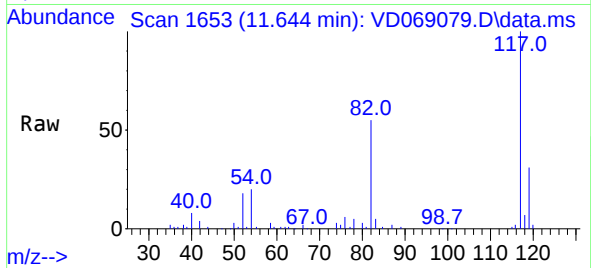




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

Instrument :
MSVOA_D
ClientSampleId :
SP-1

Tgt Ion:117 Resp: 72029
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.2
119 30.7 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

Tgt Ion:152 Resp: 37243
Ion Ratio Lower Upper
152 100
115 57.7 30.5 91.5
150 158.7 0.0 340.8

