

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050521\
 Data File : VD069069.D
 Acq On : 05 May 2021 15:09
 Operator : VA/SY
 Sample : M2265-01
 Misc : 7.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124055

Quant Time: May 06 05:45:23 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	7.985	168	8940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	15821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	16136	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	5431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	14251	123.69	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 247.38%#	
35) Dibromofluoromethane	7.920	113	8639	79.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 159.26%#	
50) Toluene-d8	10.344	98	20517	51.22	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.44%	
62) 4-Bromofluorobenzene	12.632	95	5793	43.97	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.94%	

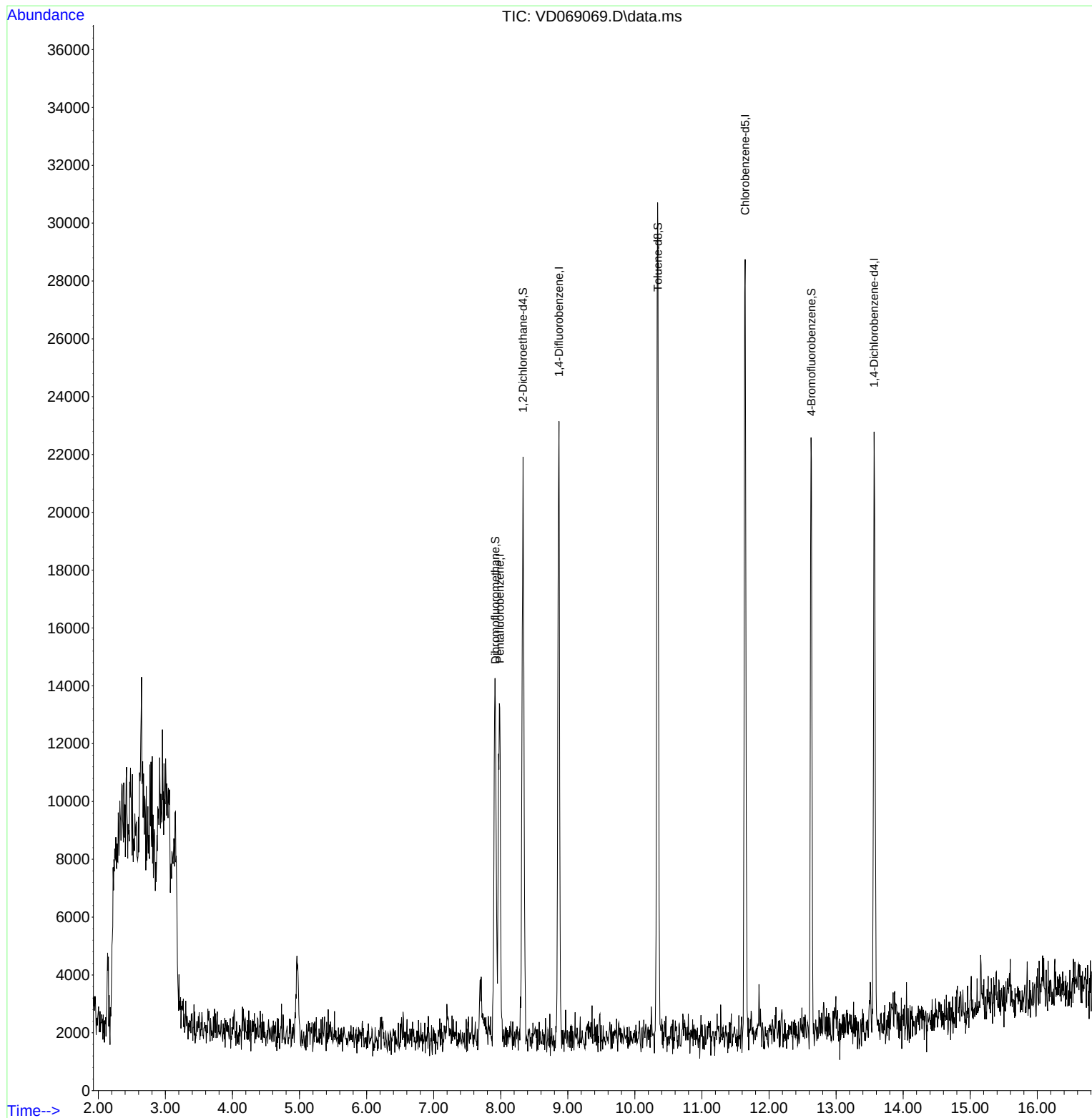
Target Compounds	Qvalue

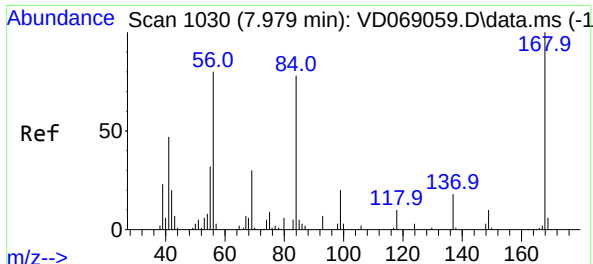
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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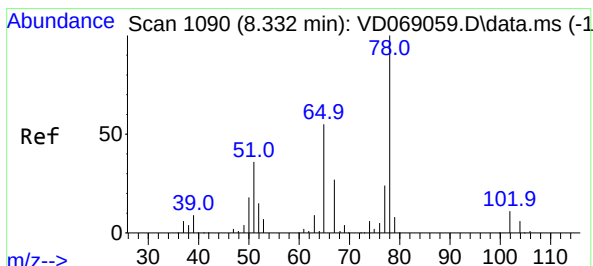
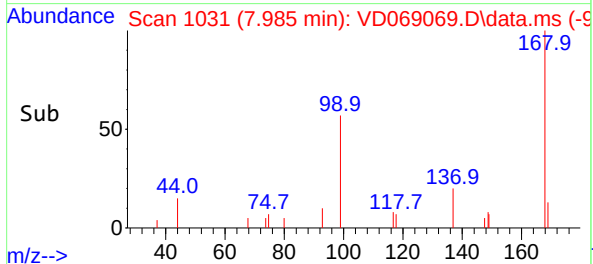
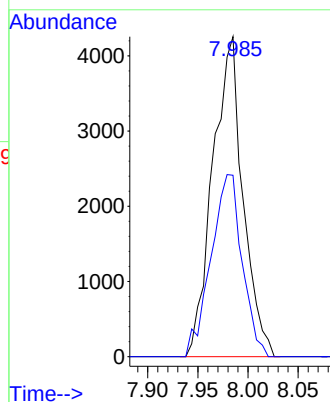
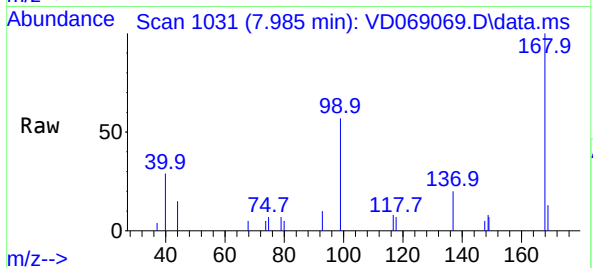




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069069.D
Acq: 05 May 2021 15:09

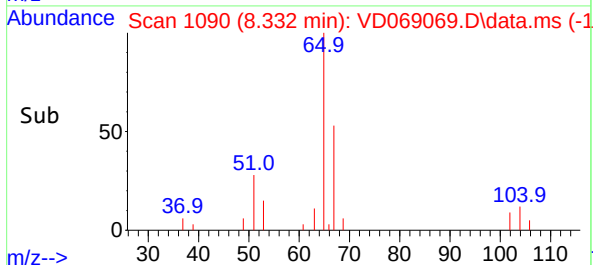
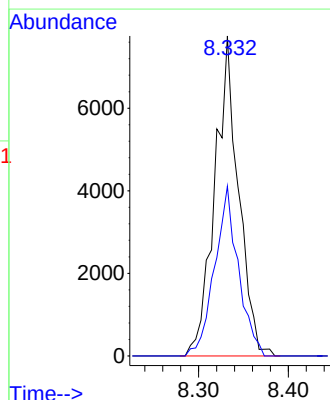
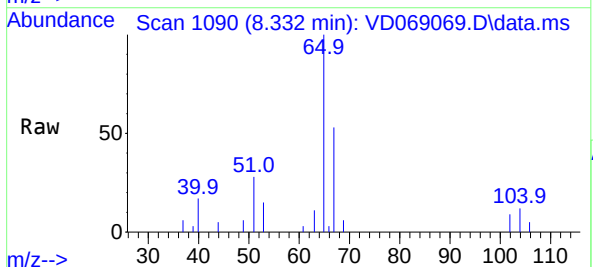
Instrument :
MSVOA_D
ClientSampleId :
124055

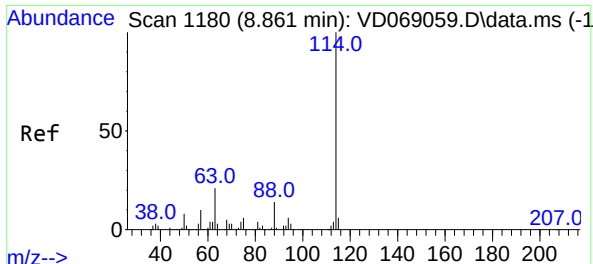
Tgt Ion:168 Resp: 8940
Ion Ratio Lower Upper
168 100
99 56.7 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 123.69 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069069.D
Acq: 05 May 2021 15:09

Tgt Ion: 65 Resp: 14251
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.4



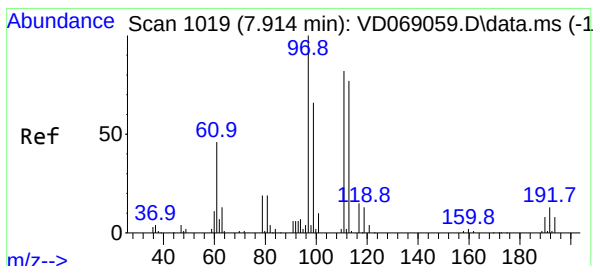
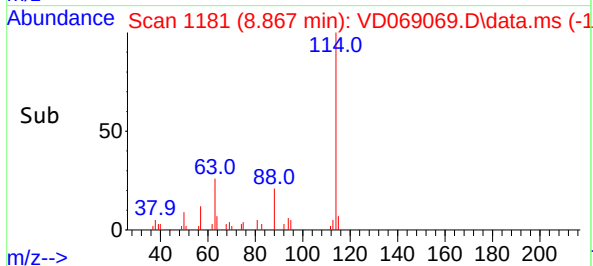
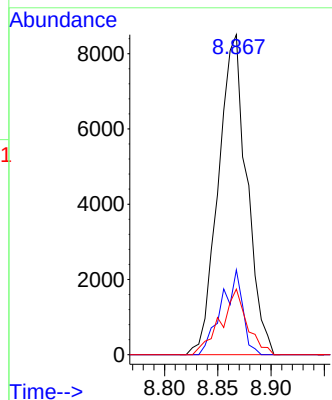
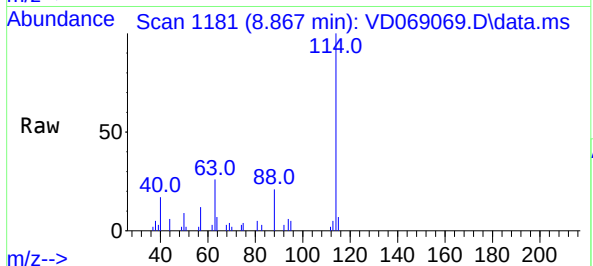


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069069.D
Acq: 05 May 2021 15:09

Instrument :
MSVOA_D
ClientSampled :
124055

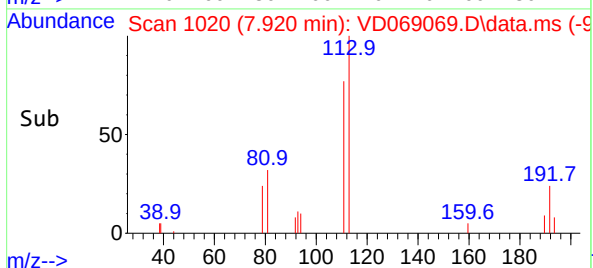
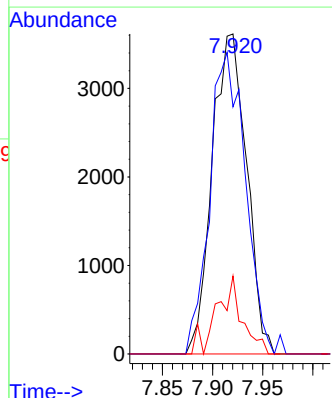
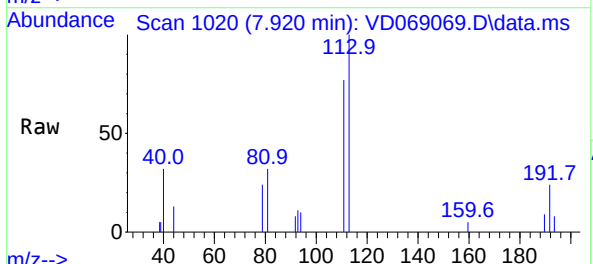
Tgt Ion:	114	Resp:	15821
Ion	Ratio	Lower	Upper
114	100		
63	26.5	0.0	41.4
88	20.5	0.0	27.8

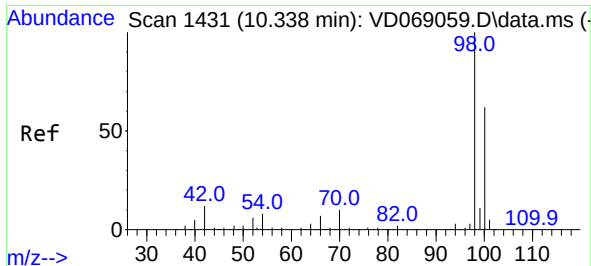


#35

Dibromofluoromethane
Concen: 79.63 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069069.D
Acq: 05 May 2021 15:09

Tgt Ion:	113	Resp:	8639
Ion	Ratio	Lower	Upper
113	100		
111	97.0	84.6	126.8
192	17.9	13.5	20.3

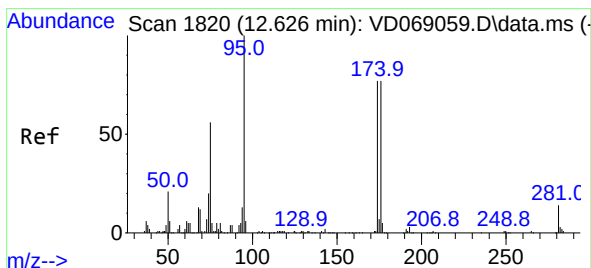
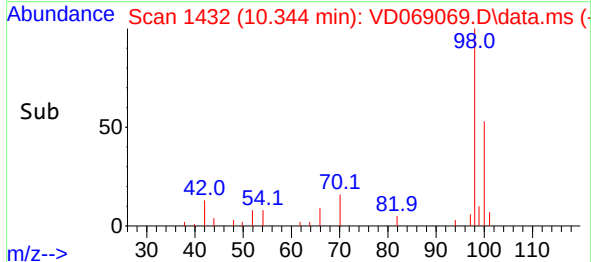
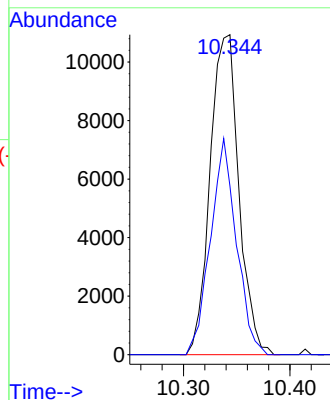
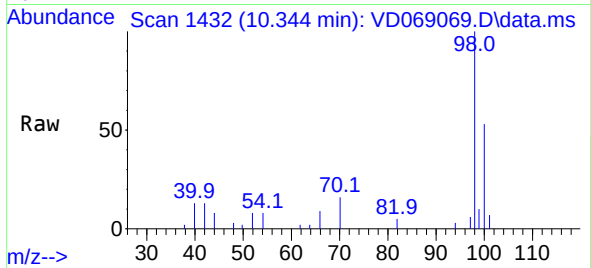




#50
Toluene-d8
Concen: 51.22 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD069069.D
Acq: 05 May 2021 15:09

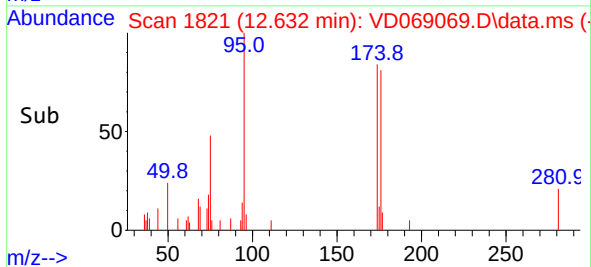
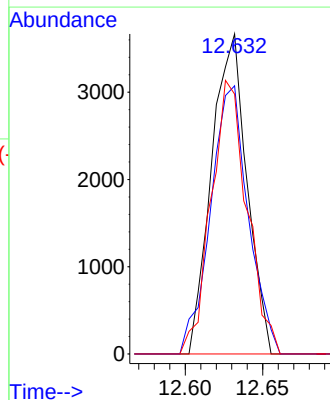
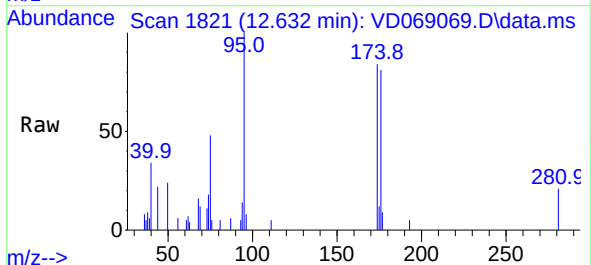
Instrument :
MSVOA_D
ClientSampleId :
124055

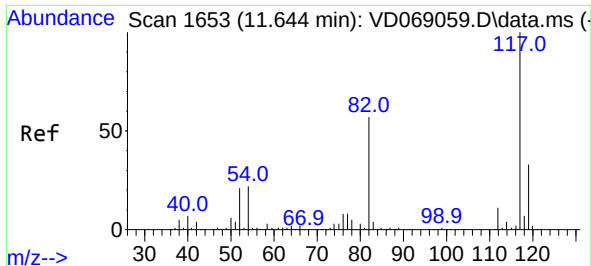
Tgt Ion: 98 Resp: 20517
Ion Ratio Lower Upper
98 100
100 61.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.97 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069069.D
Acq: 05 May 2021 15:09

Tgt Ion: 95 Resp: 5793
Ion Ratio Lower Upper
95 100
174 89.7 0.0 156.0
176 87.7 0.0 149.4

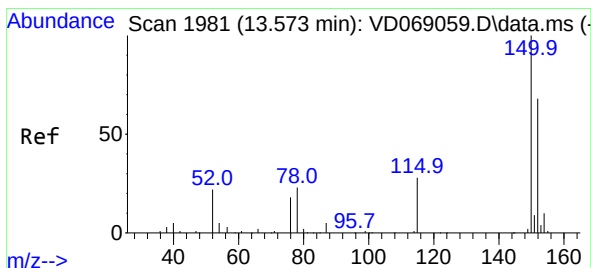
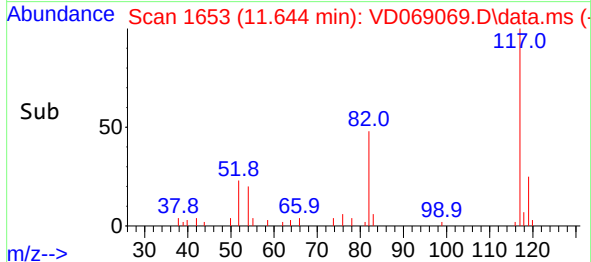
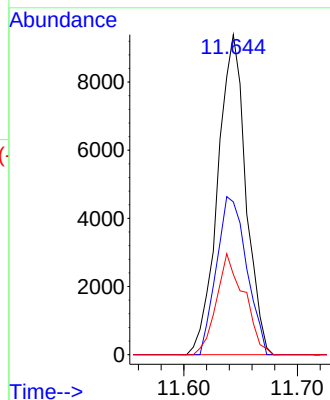
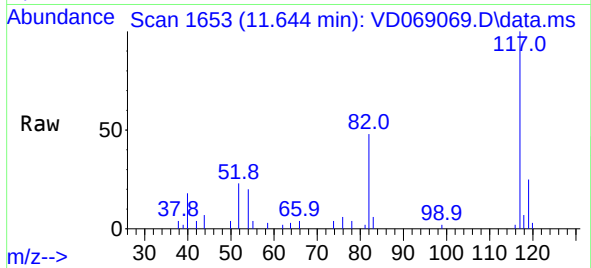




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069069.D
Acq: 05 May 2021 15:09

Instrument :
MSVOA_D
ClientSampleId :
124055

Tgt Ion:	117	Resp:	16136
Ion Ratio	Lower	Upper	
117	100		
82	47.8	45.4	68.2
119	25.1	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: VD069069.D
Acq: 05 May 2021 15:09

Tgt Ion:	152	Resp:	5431
Ion Ratio	Lower	Upper	
152	100		
115	64.8	30.5	91.5
150	160.7	0.0	340.8

