

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050321\
 Data File : VD069049.D
 Acq On : 03 May 2021 18:43
 Operator : VA/SY
 Sample : M2235-01
 Misc : 4.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-043021

Quant Time: May 04 04:15:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050321S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 03:51:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	7621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	14933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	12915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	2851	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	12742	132.39	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	264.78%#
35) Dibromofluoromethane	7.914	113	8159	82.62	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	165.24%#
50) Toluene-d8	10.344	98	15961	43.64	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.28%
62) 4-Bromofluorobenzene	12.626	95	4001	32.40	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.80%

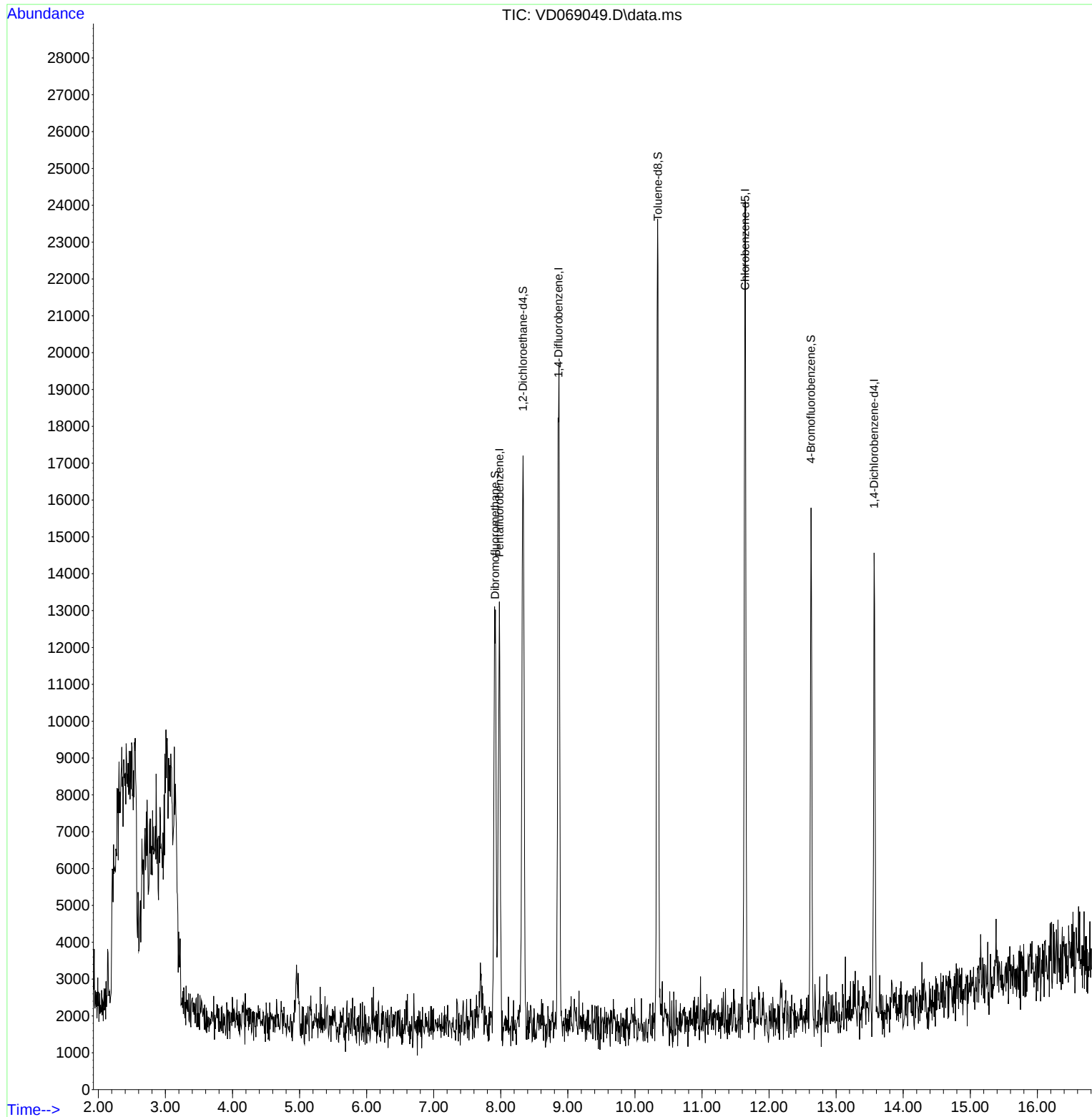
Target Compounds	Qvalue

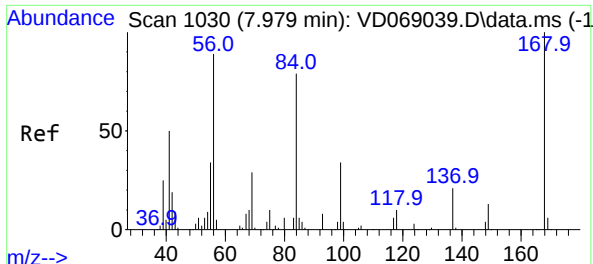
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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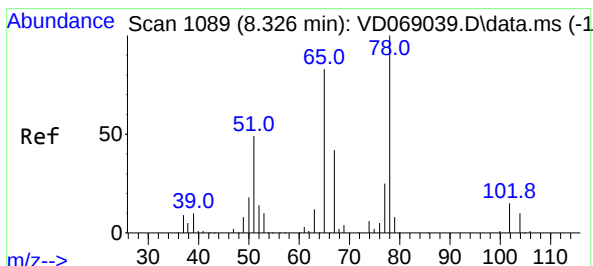
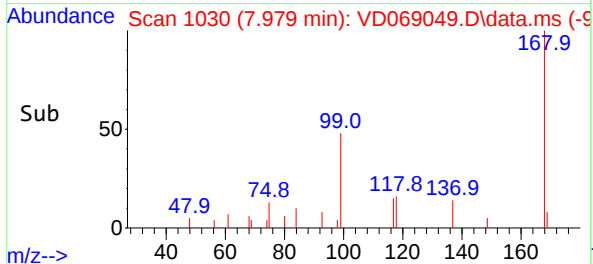
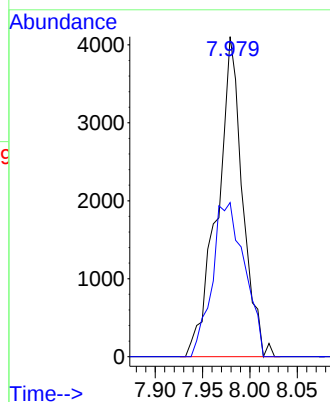
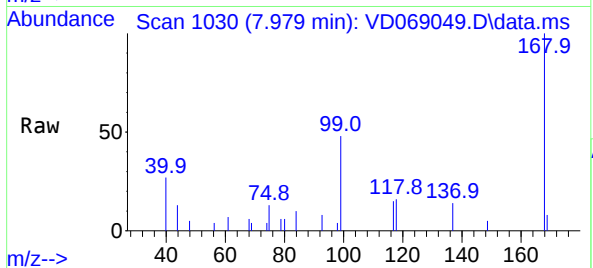




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069049.D
Acq: 03 May 2021 18:43

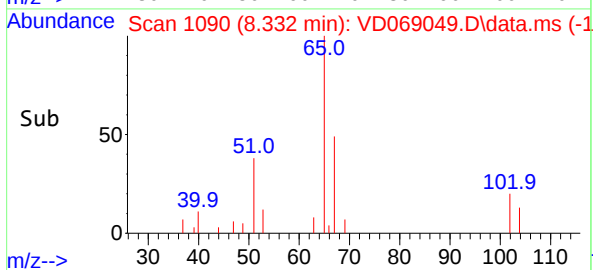
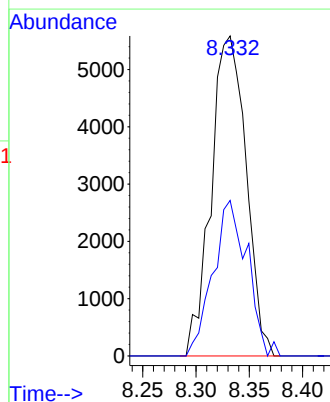
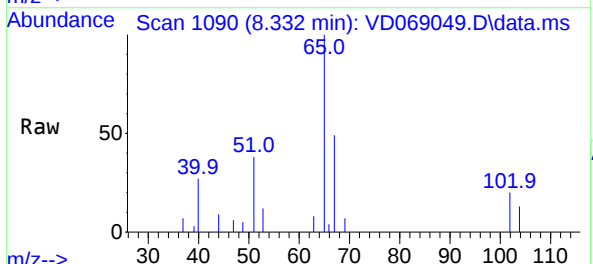
Instrument :
MSVOA_D
ClientSampleId :
OR-02-043021

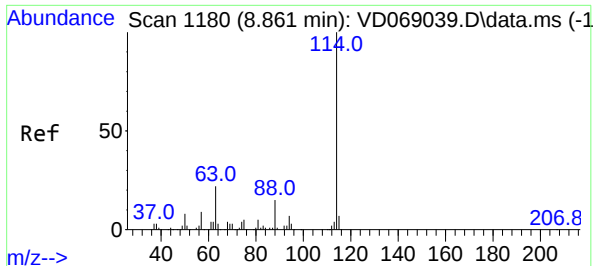
Tgt Ion:168 Resp: 7621
Ion Ratio Lower Upper
168 100
99 48.2 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 132.39 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069049.D
Acq: 03 May 2021 18:43

Tgt Ion: 65 Resp: 12742
Ion Ratio Lower Upper
65 100
67 47.7 0.0 106.0



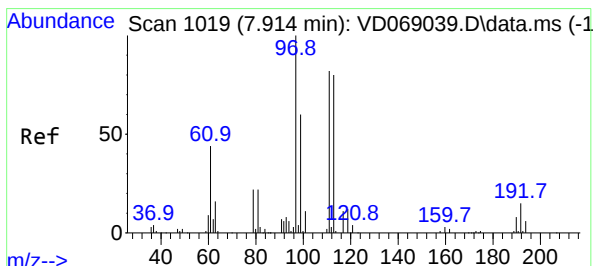
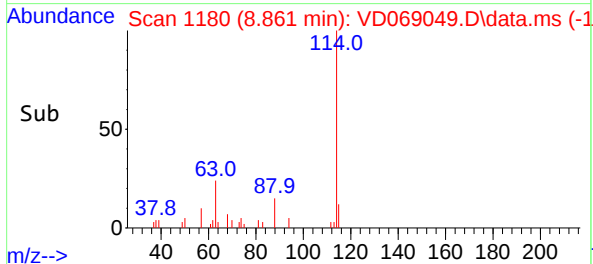
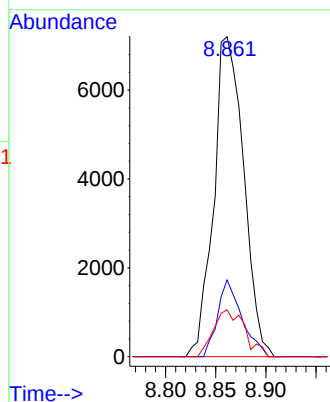
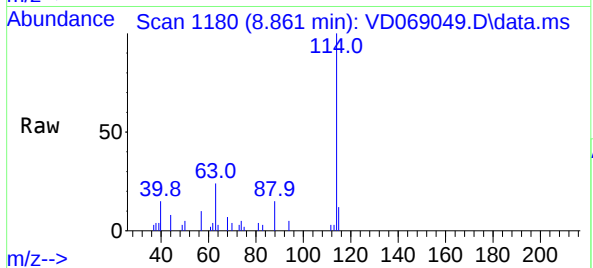


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069049.D
Acq: 03 May 2021 18:43

Instrument :
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ClientSampleId :
OR-02-043021

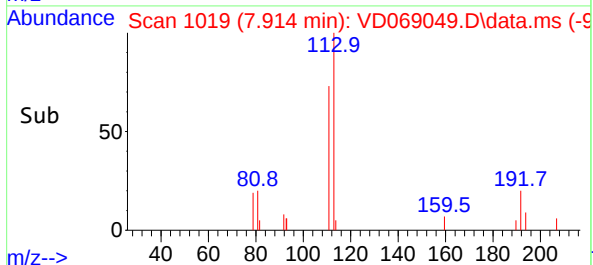
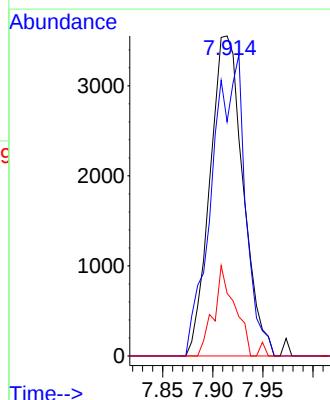
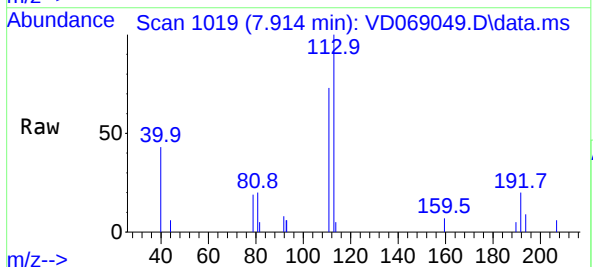
Tgt Ion:	114	Resp:	14933
Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	38.2
88	14.7	0.0	29.4

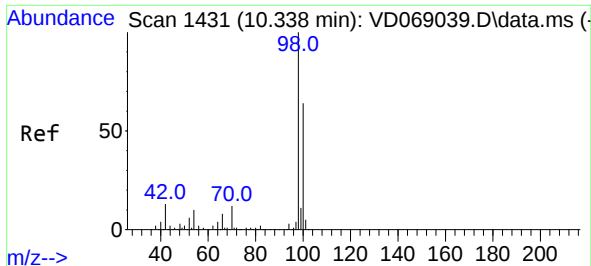


#35

Dibromofluoromethane
Concen: 82.62 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069049.D
Acq: 03 May 2021 18:43

Tgt Ion:	113	Resp:	8159
Ion	Ratio	Lower	Upper
113	100		
111	94.3	82.5	123.7
192	17.8	15.1	22.7

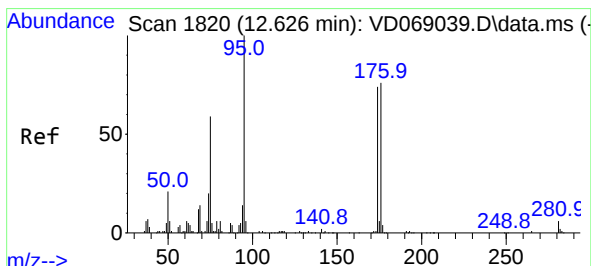
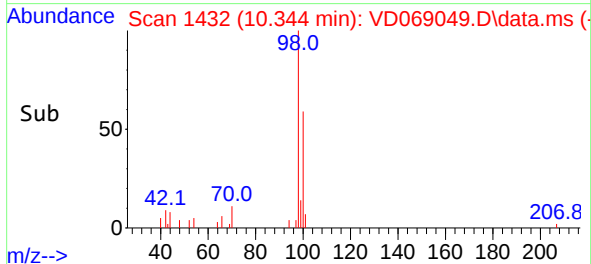
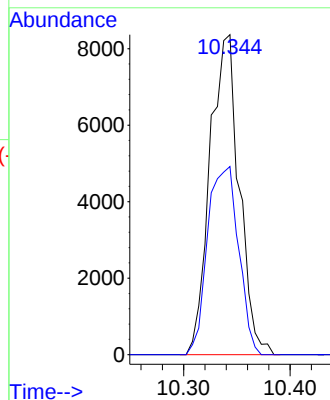
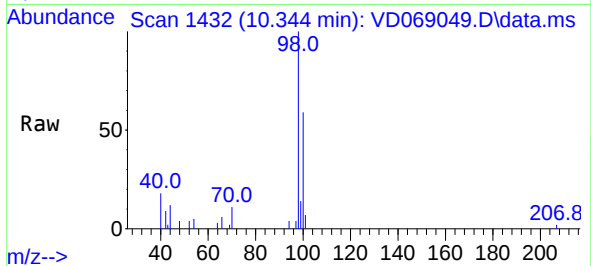




#50
Toluene-d8
Concen: 43.64 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD069049.D
Acq: 03 May 2021 18:43

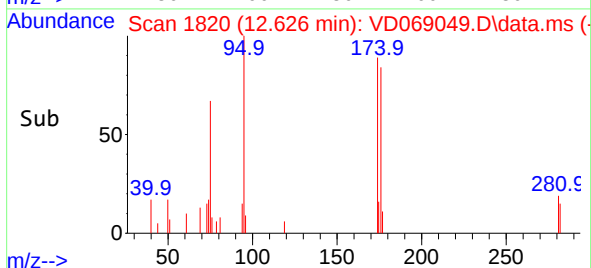
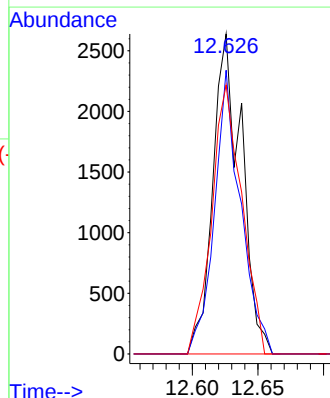
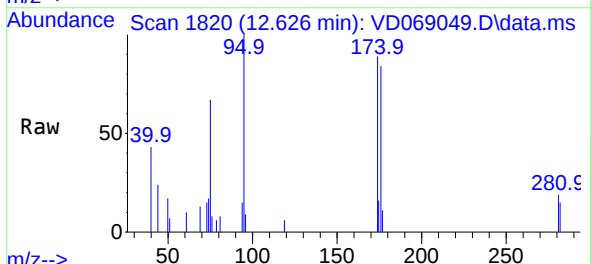
Instrument :
MSVOA_D
ClientSampleId :
OR-02-043021

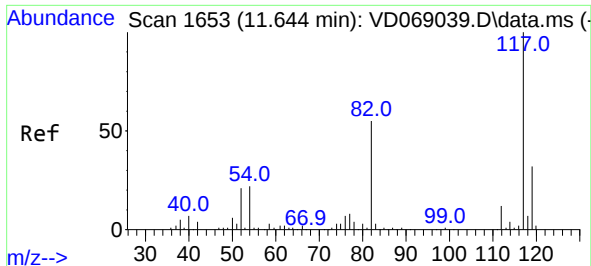
Tgt Ion: 98 Resp: 15961
Ion Ratio Lower Upper
98 100
100 62.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 32.40 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069049.D
Acq: 03 May 2021 18:43

Tgt Ion: 95 Resp: 4001
Ion Ratio Lower Upper
95 100
174 81.2 0.0 168.0
176 89.0 0.0 160.2

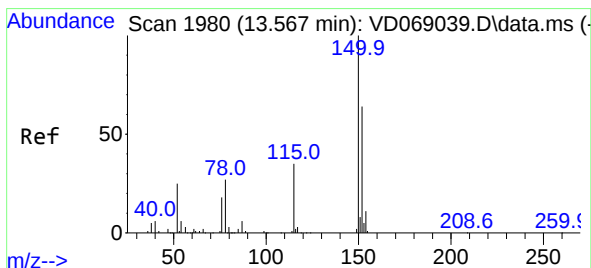
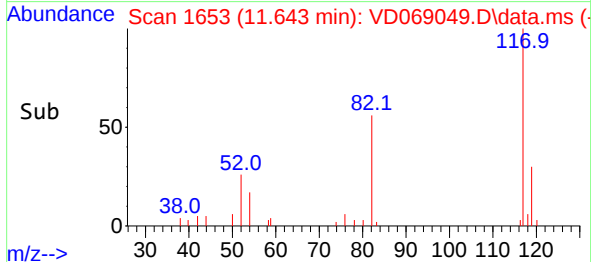
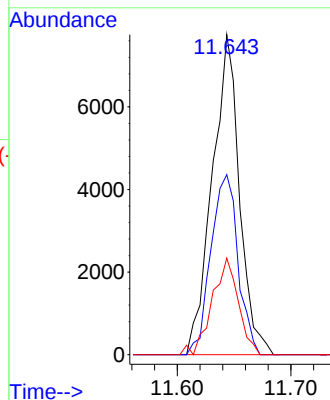
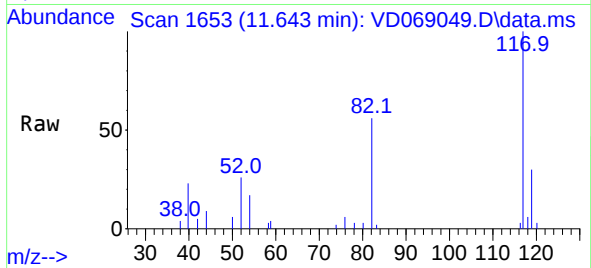




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.001 min
Lab File: VD069049.D
Acq: 03 May 2021 18:43

Instrument :
MSVOA_D
ClientSampleId :
OR-02-043021

Tgt Ion:	117	Resp:	12915
Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.5	65.3
119	30.2	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069049.D
Acq: 03 May 2021 18:43

Tgt Ion:	152	Resp:	2851
Ion	Ratio	Lower	Upper
152	100		
115	79.9	29.3	87.8
150	201.6	0.0	347.6

