

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
 Data File : VD068389.D
 Acq On : 17 Feb 2021 18:03
 Operator : VA/SY
 Sample : M1446-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-3-5-WC

Quant Time: Feb 18 00:14:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	357212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	688340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	645154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	286944	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	217558	59.57	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.14%
35) Dibromofluoromethane	7.920	113	215915	52.85	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.70%
50) Toluene-d8	10.344	98	881023	52.02	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.04%
62) 4-Bromofluorobenzene	12.632	95	282903	51.28	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.56%

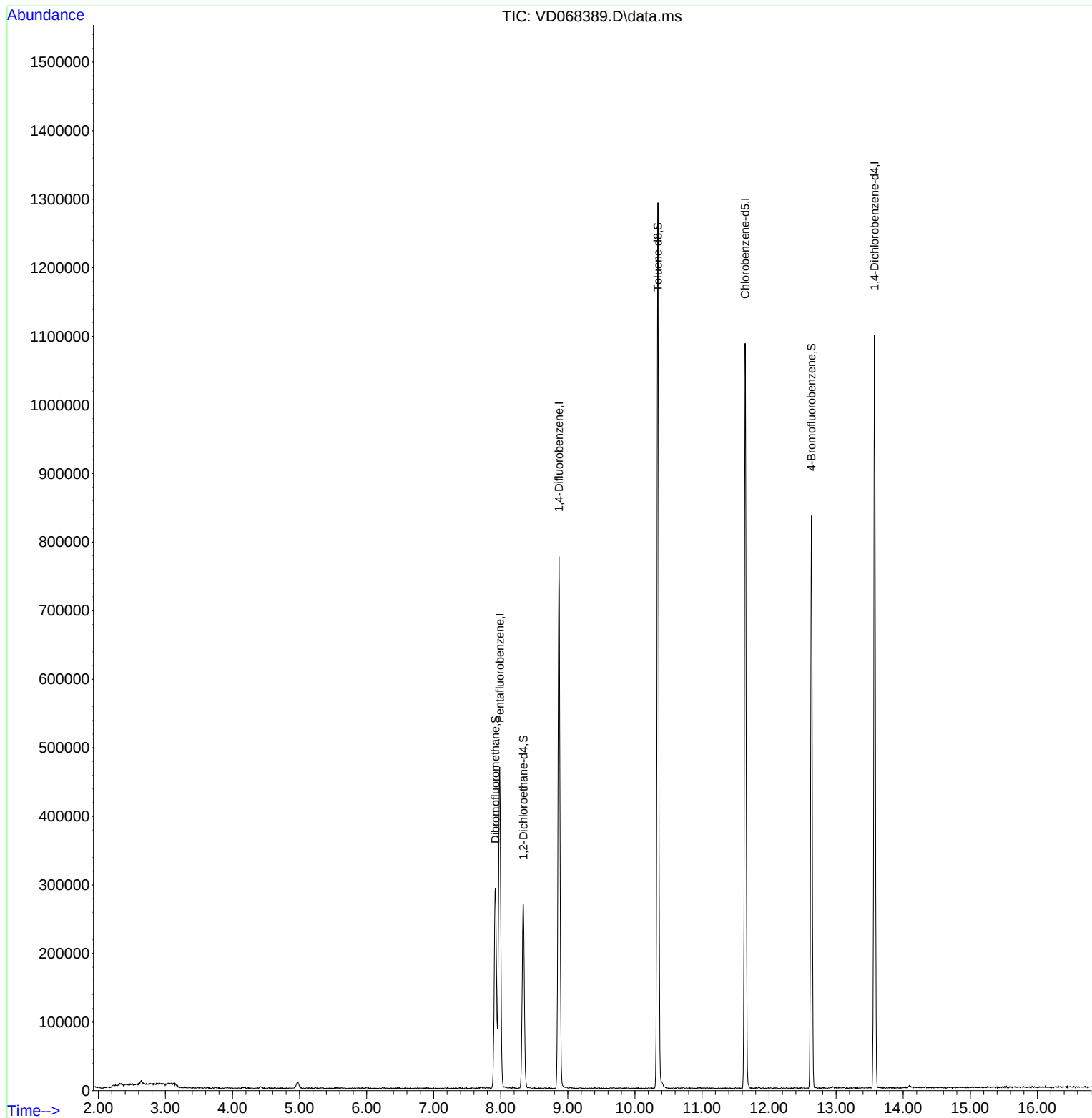
Target Compounds	Qvalue

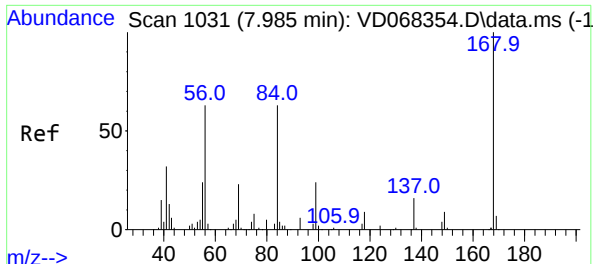
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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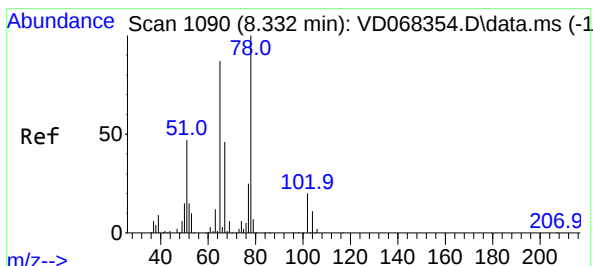
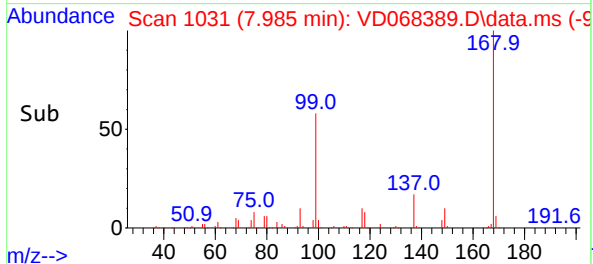
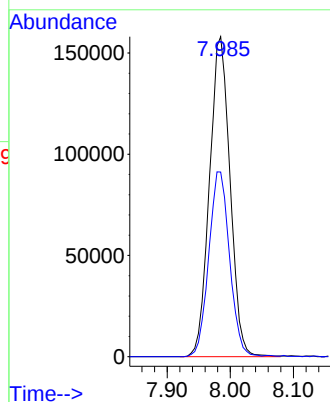
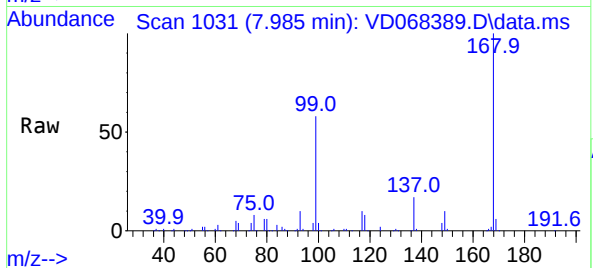




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068389.D
Acq: 17 Feb 2021 18:03

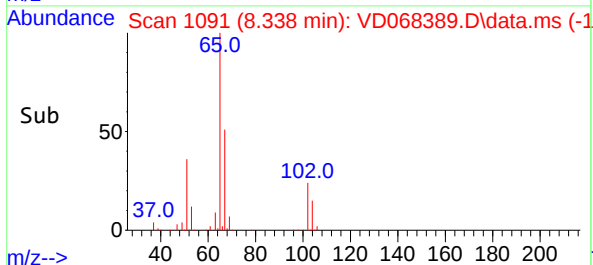
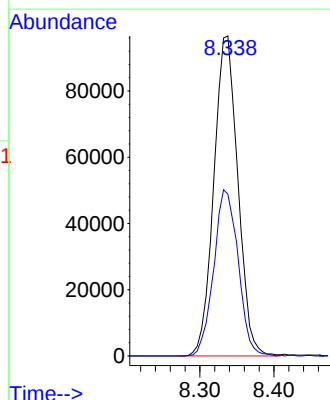
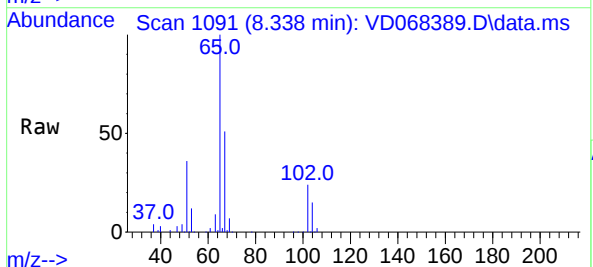
Instrument :
MSVOA_D
ClientSampleId :
R-LA-3-5-WC

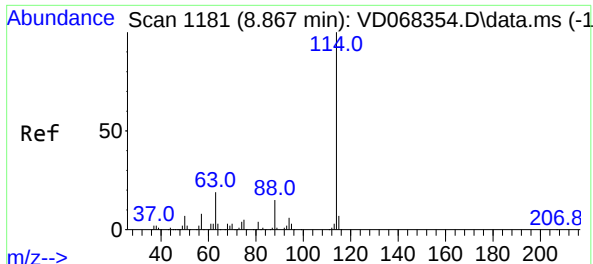
Tgt Ion:168 Resp: 357212
Ion Ratio Lower Upper
168 100
99 57.7 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 59.57 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068389.D
Acq: 17 Feb 2021 18:03

Tgt Ion: 65 Resp: 217558
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0



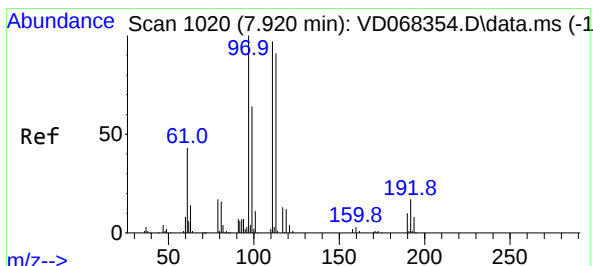
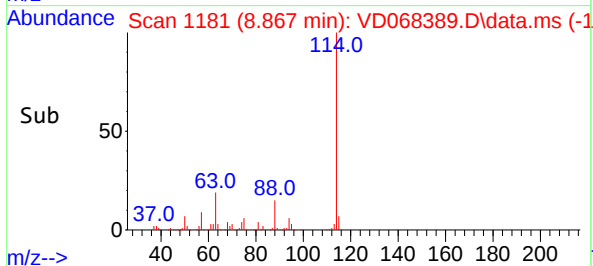
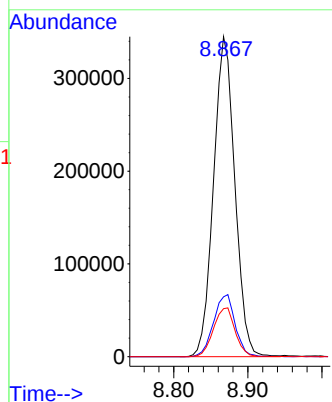
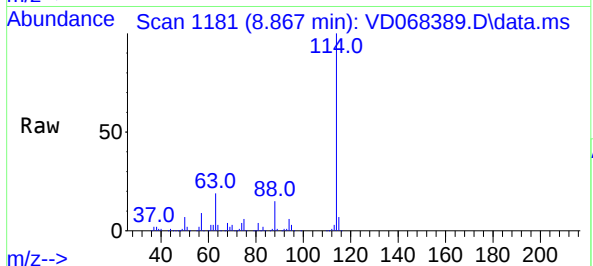


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068389.D
Acq: 17 Feb 2021 18:03

Instrument :
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ClientSampleId :
R-LA-3-5-WC

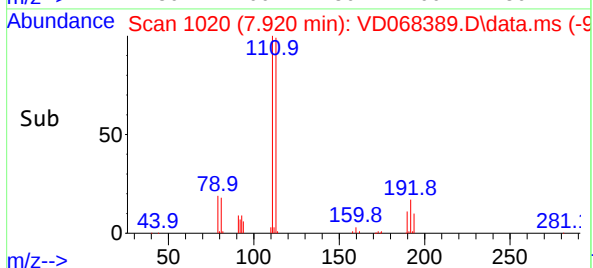
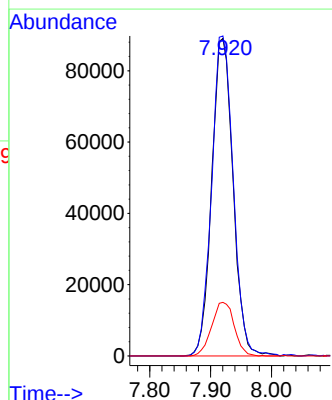
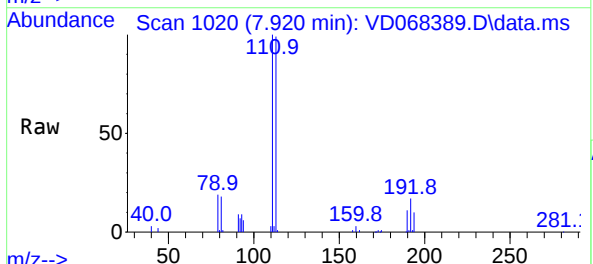
Tgt Ion:114 Resp: 688340
Ion Ratio Lower Upper
114 100
63 18.7 0.0 34.8
88 15.0 0.0 31.6

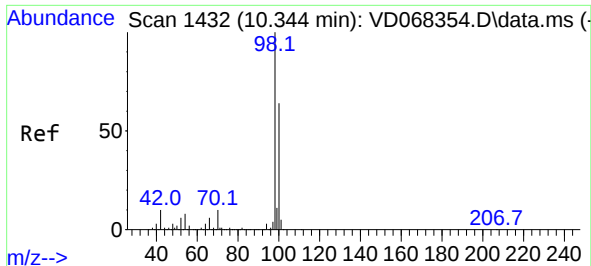


#35

Dibromofluoromethane
Concen: 52.85 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068389.D
Acq: 17 Feb 2021 18:03

Tgt Ion:113 Resp: 215915
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 17.9 16.1 24.1

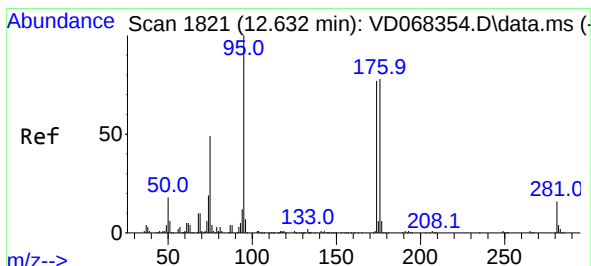
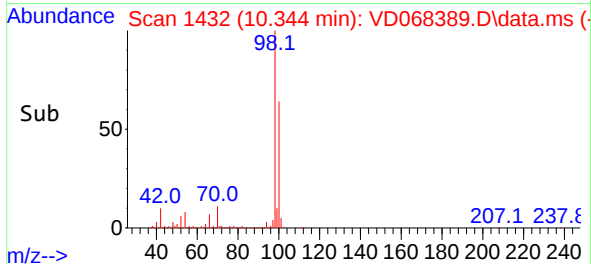
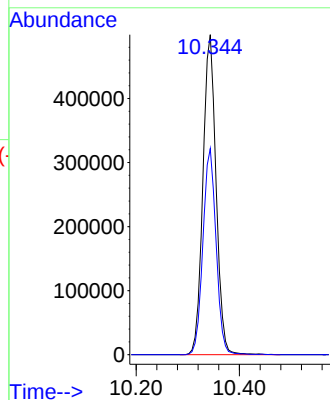
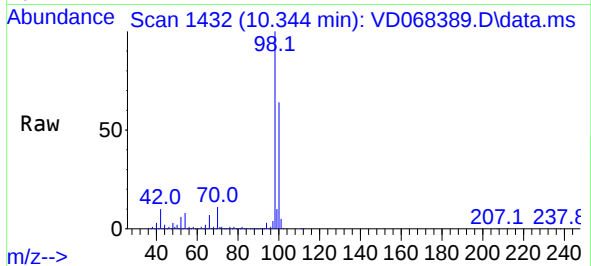




#50
Toluene-d8
Concen: 52.02 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068389.D
Acq: 17 Feb 2021 18:03

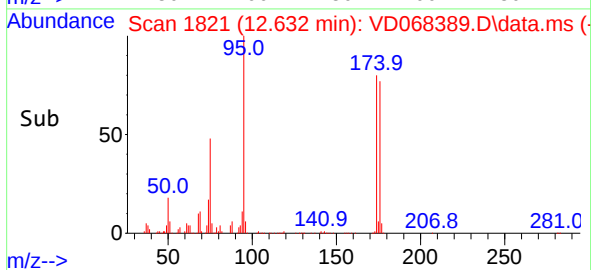
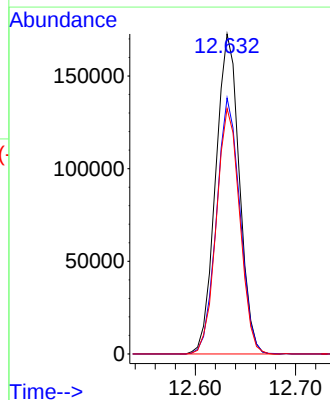
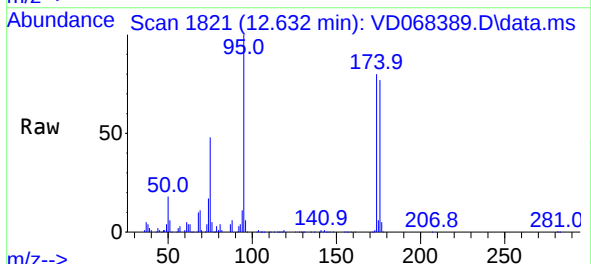
Instrument :
MSVOA_D
ClientSampleId :
R-LA-3-5-WC

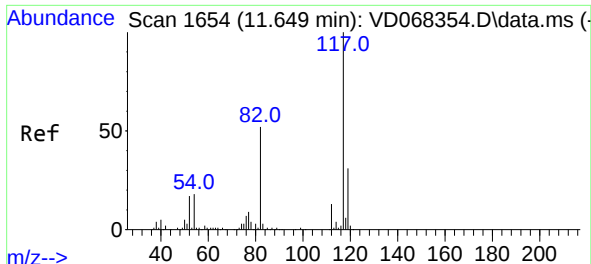
Tgt Ion: 98 Resp: 881023
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.28 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068389.D
Acq: 17 Feb 2021 18:03

Tgt Ion: 95 Resp: 282903
Ion Ratio Lower Upper
95 100
174 79.0 0.0 172.4
176 75.6 0.0 168.4

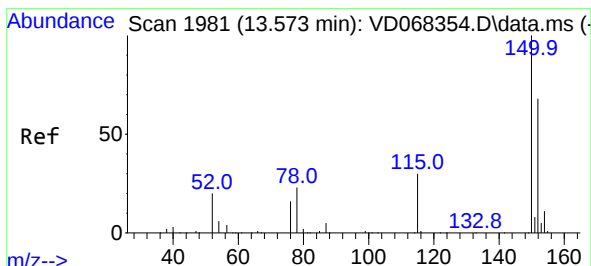
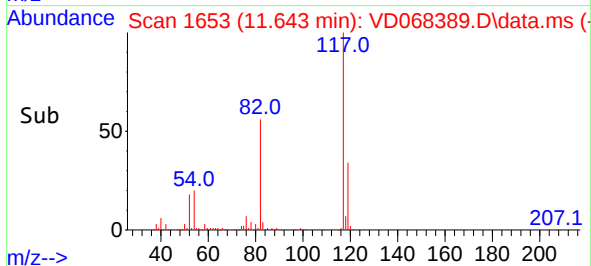
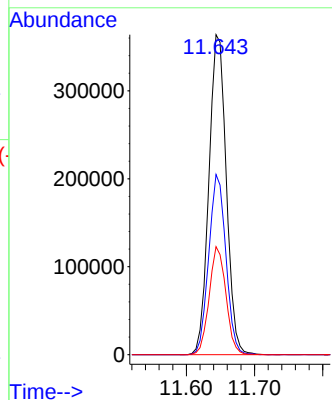
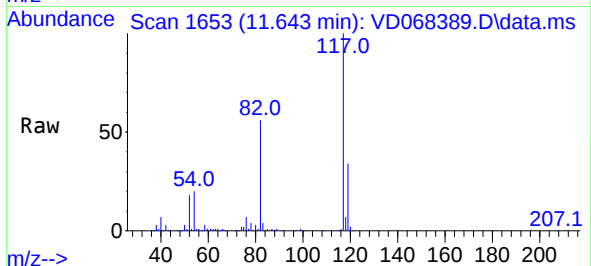




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068389.D
Acq: 17 Feb 2021 18:03

Instrument :
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R-LA-3-5-WC

Tgt Ion:	117	Resp:	645154
Ion	Ratio	Lower	Upper
117	100		
82	56.3	41.4	62.0
119	33.8	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068389.D
Acq: 17 Feb 2021 18:03

Tgt Ion:	152	Resp:	286944
Ion	Ratio	Lower	Upper
152	100		
115	60.5	28.9	86.8
150	157.9	0.0	344.4

