

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081622\
 Data File : VD074115.D
 Acq On : 16 Aug 2022 21:42
 Operator : VA/SY
 Sample : N4140-01RE
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LINDEN-MR-B1B-SPRE

Quant Time: Aug 16 22:52:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	121396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	214137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	193302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	79376	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	47850	53.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.940%
35) Dibromofluoromethane	7.908	113	60893	44.500	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.000%
50) Toluene-d8	10.332	98	139373	33.546	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	67.100%
62) 4-Bromofluorobenzene	12.620	95	58555	34.130	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.260%

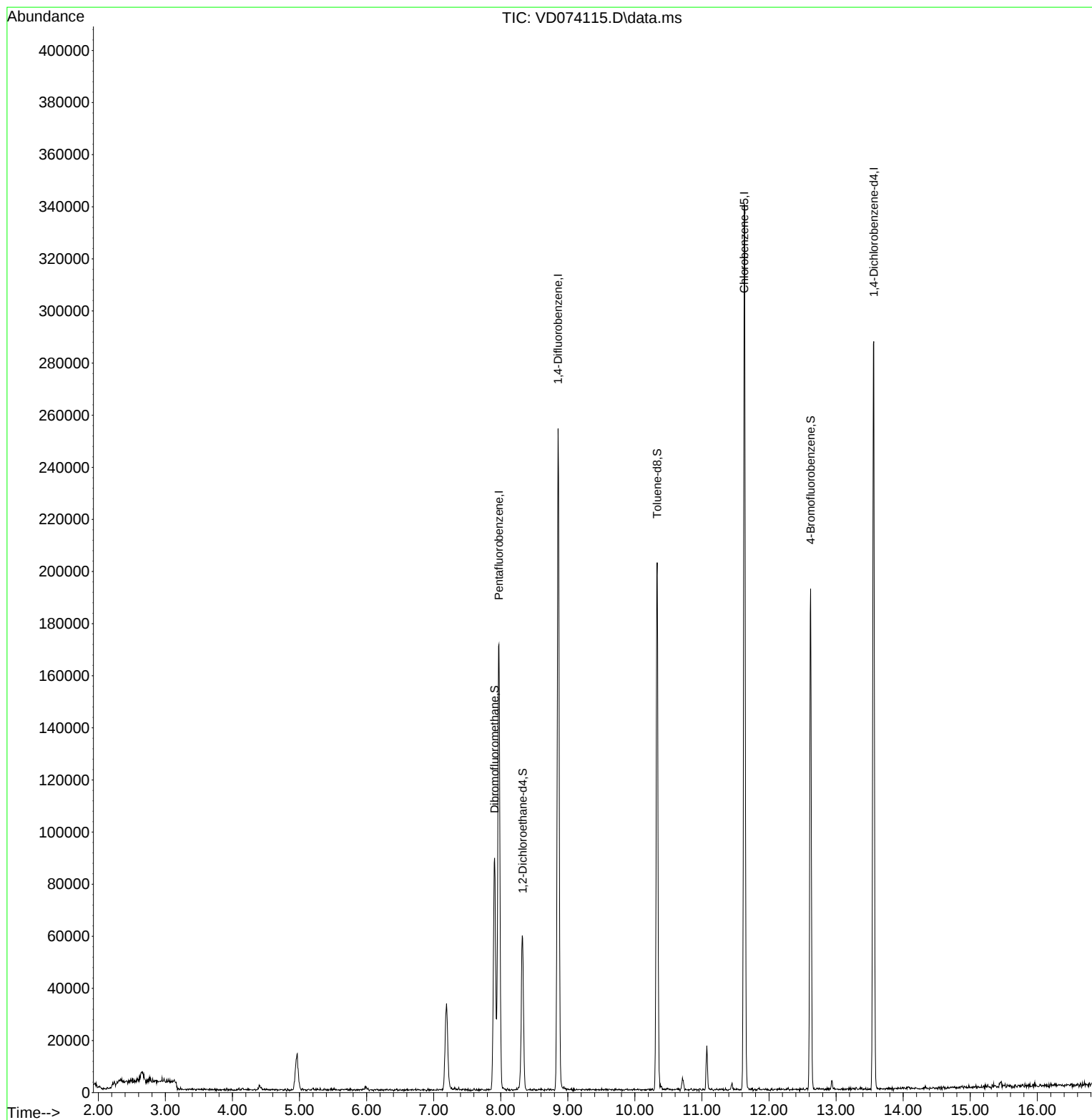
Target Compounds	Qvalue

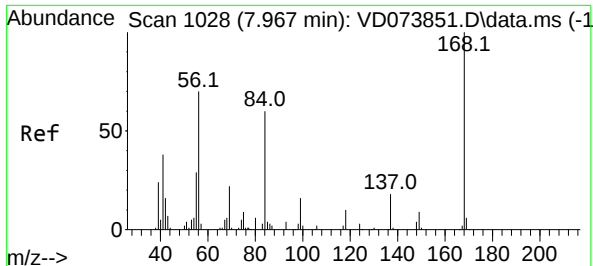
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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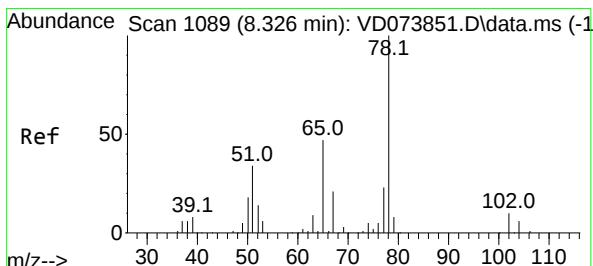
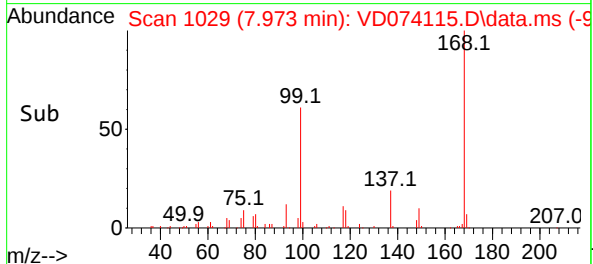
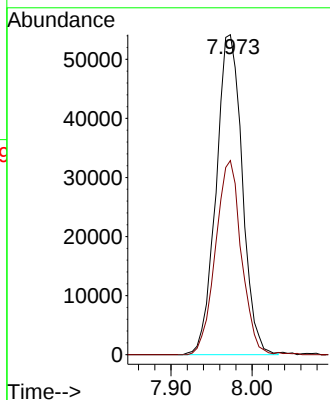
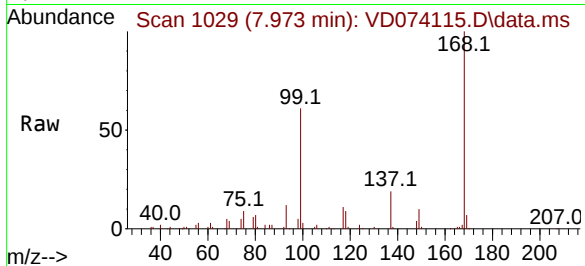




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD074115.D
Acq: 16 Aug 2022 21:42

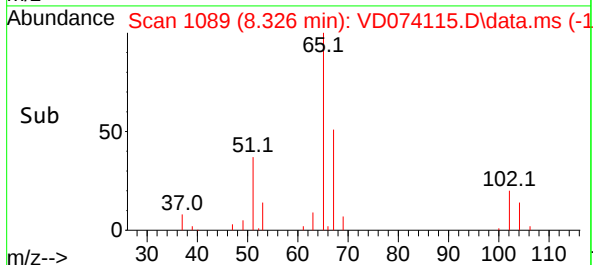
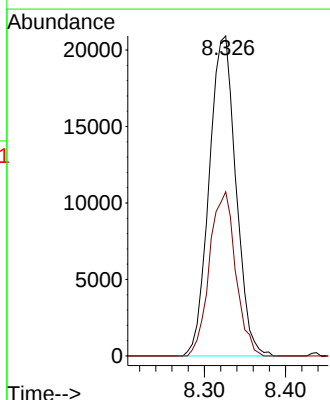
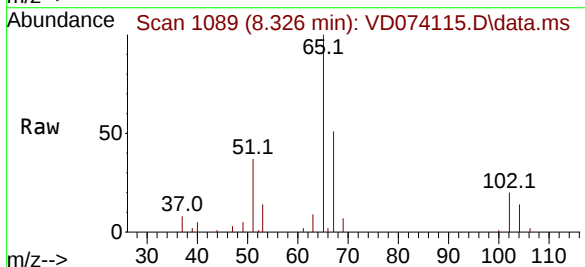
Instrument :
MSVOA_D
ClientSampleId :
LINDEN-MR-B1B-SPRE

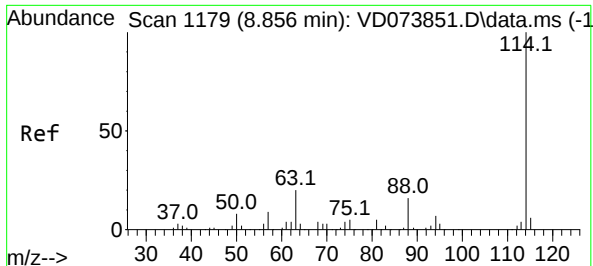
Tgt Ion:168 Resp: 121396
Ion Ratio Lower Upper
168 100
99 60.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 53.465 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD074115.D
Acq: 16 Aug 2022 21:42

Tgt Ion: 65 Resp: 47850
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074115.D

Acq: 16 Aug 2022 21:42

Instrument :

MSVOA_D

ClientSampleId :

LINDEN-MR-B1B-SPRE

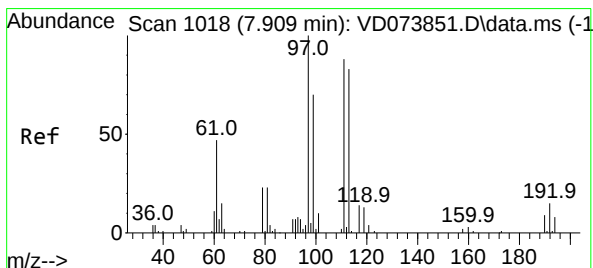
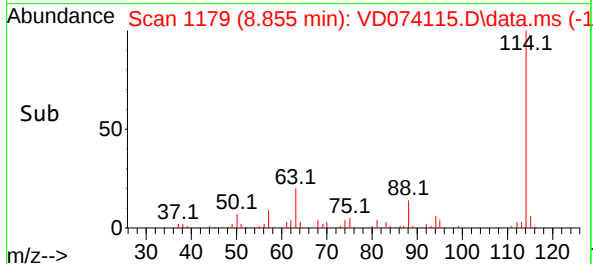
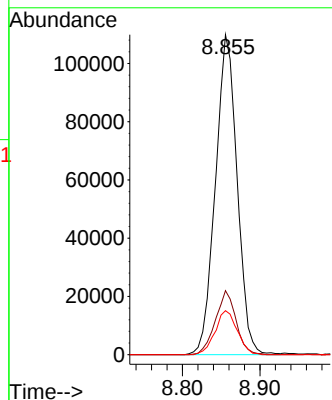
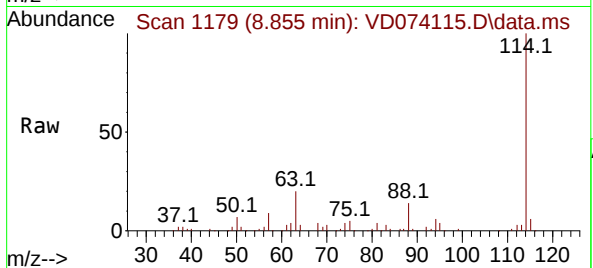
Tgt Ion:114 Resp: 214137

Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 13.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.500 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD074115.D

Acq: 16 Aug 2022 21:42

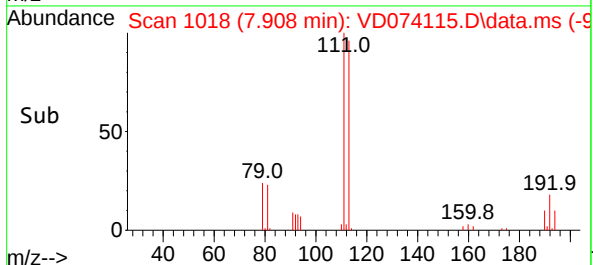
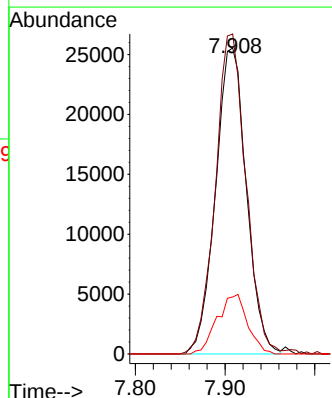
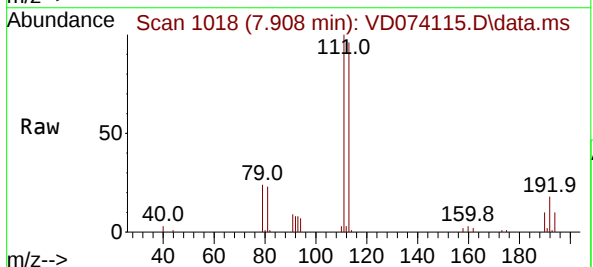
Tgt Ion:113 Resp: 60893

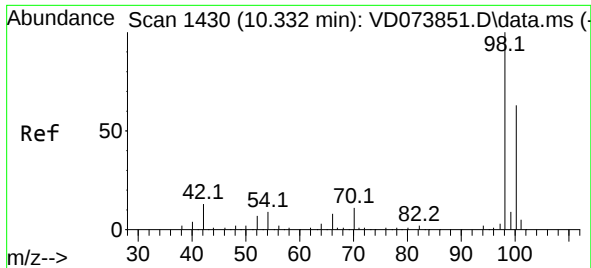
Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.6

192 19.2 14.6 21.8

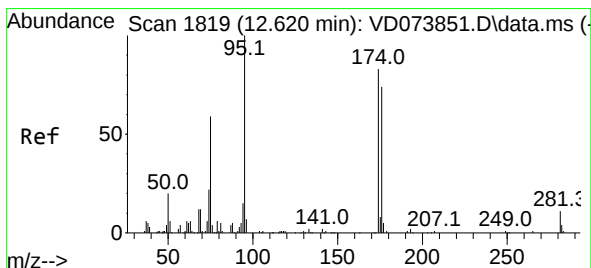
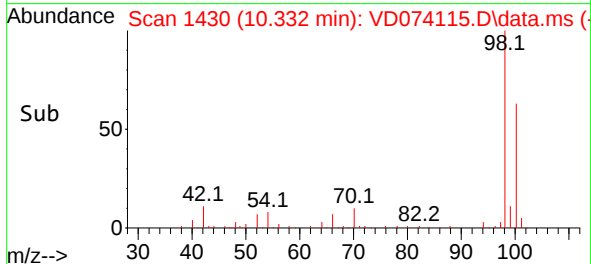
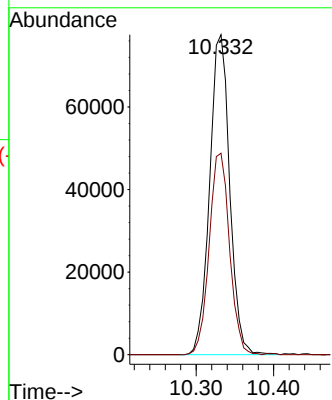
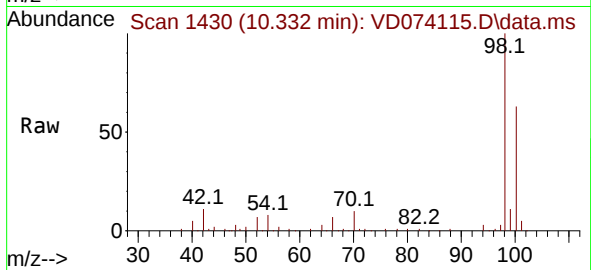




#50
Toluene-d8
Concen: 33.546 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074115.D
Acq: 16 Aug 2022 21:42

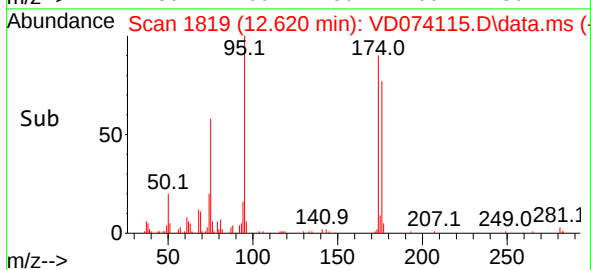
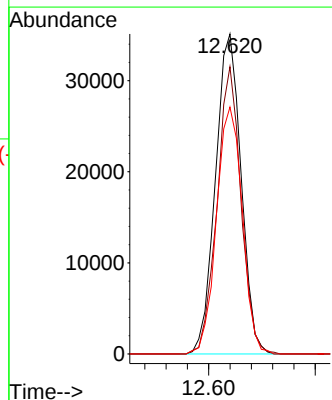
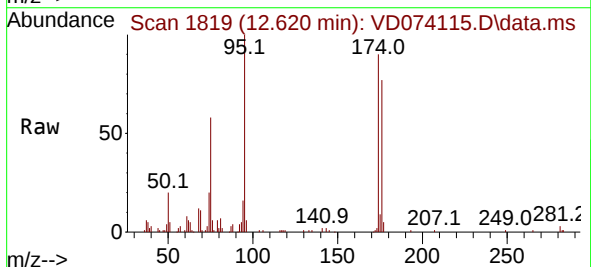
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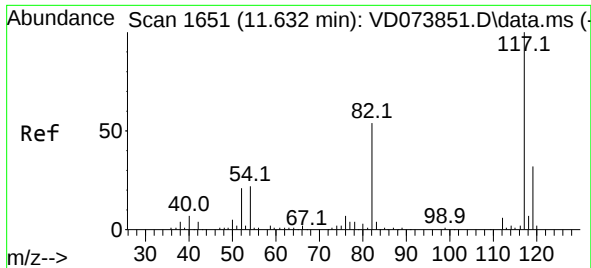
Tgt Ion: 98 Resp: 139373
Ion Ratio Lower Upper
98 100
100 63.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 34.130 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074115.D
Acq: 16 Aug 2022 21:42

Tgt Ion: 95 Resp: 58555
Ion Ratio Lower Upper
95 100
174 83.8 0.0 152.8
176 77.8 0.0 145.4

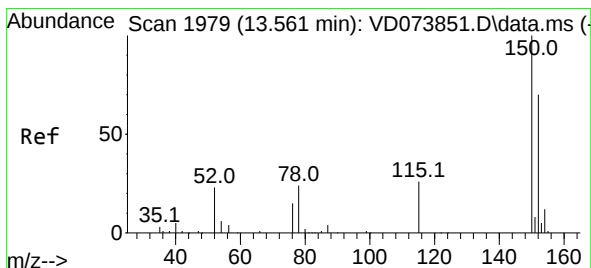
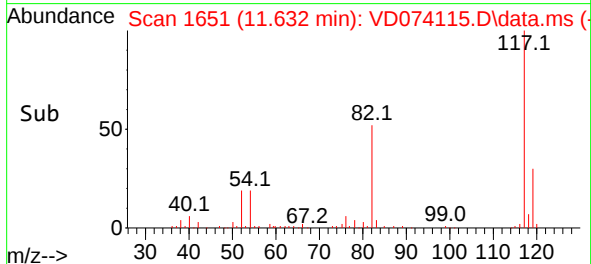
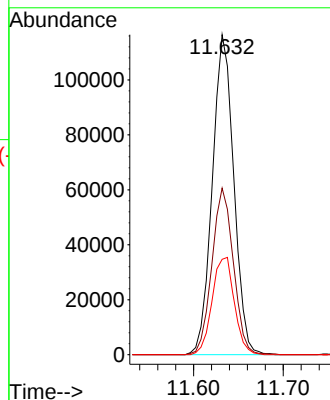
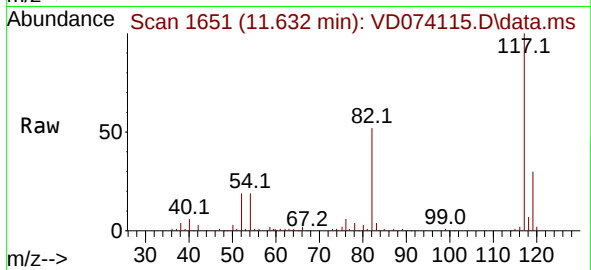




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074115.D
Acq: 16 Aug 2022 21:42

Instrument :
MSVOA_D
ClientSampleId :
LINDEN-MR-B1B-SPRE

Tgt Ion:117 Resp: 193302
Ion Ratio Lower Upper
117 100
82 52.0 45.3 67.9
119 29.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD074115.D
Acq: 16 Aug 2022 21:42

Tgt Ion:152 Resp: 79376
Ion Ratio Lower Upper
152 100
115 59.3 31.3 93.8
150 149.2 0.0 348.6

