

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD071987.D
 Acq On : 16 Feb 2022 12:48
 Operator : VA/SY
 Sample : N1552-01
 Misc : 4.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Feb 17 00:48:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	433229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	800774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	756254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	322237	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	278286	50.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.640%
35) Dibromofluoromethane	7.909	113	256605	48.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.500%
50) Toluene-d8	10.332	98	1009893	51.373	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.740%
62) 4-Bromofluorobenzene	12.620	95	353109	51.437	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.880%

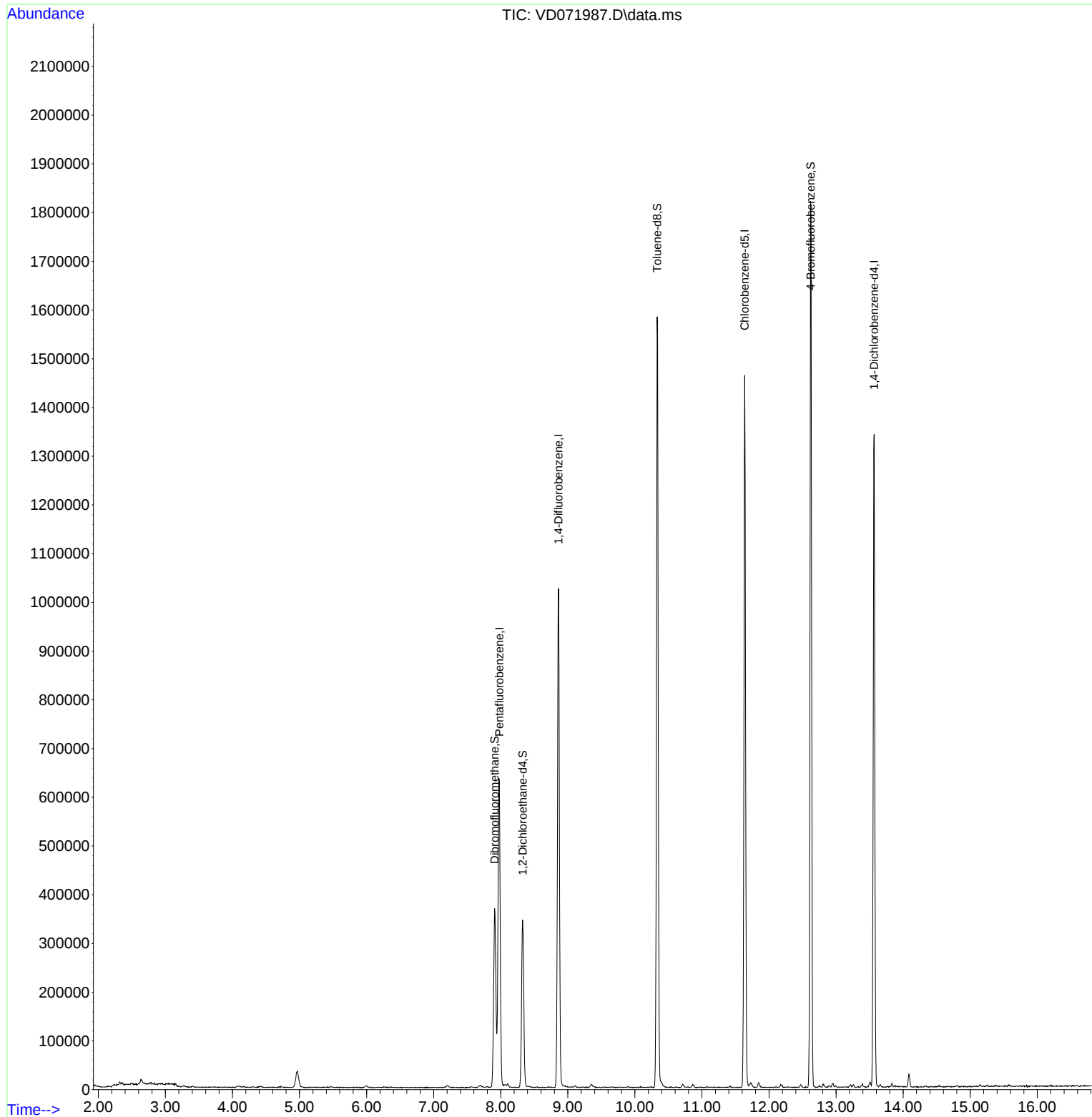
Target Compounds	Qvalue

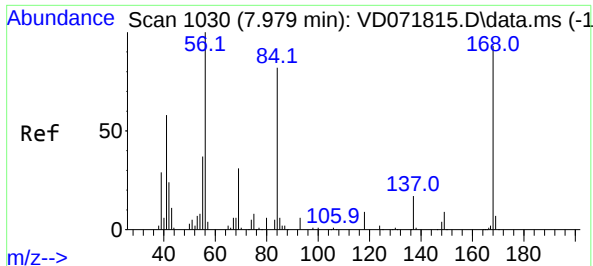
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD071987.D

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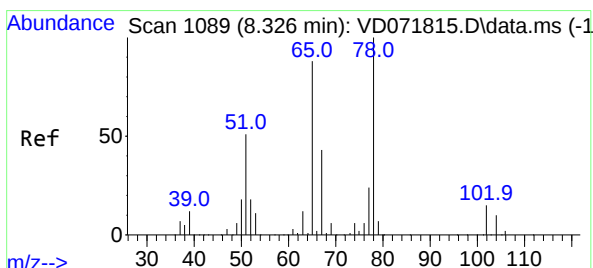
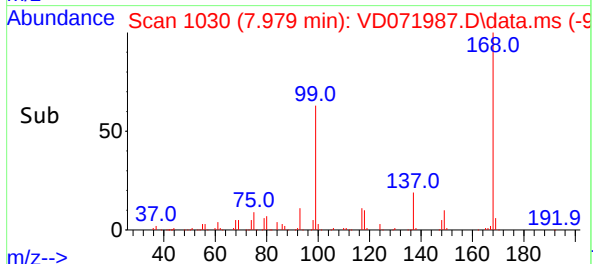
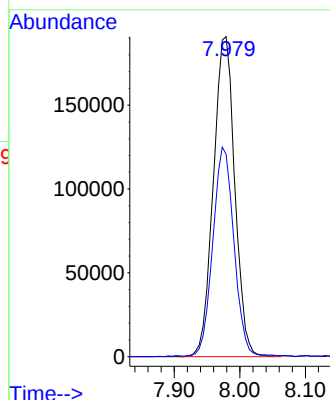
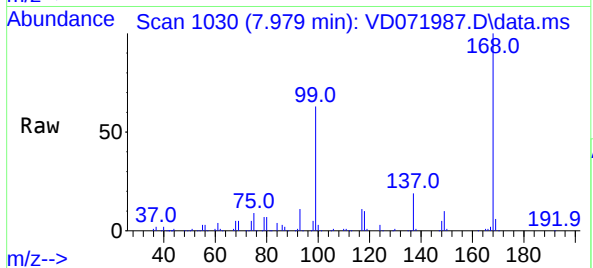
TP-1

Tgt Ion:168 Resp: 433229

Ion Ratio Lower Upper

168 100

99 63.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 50.821 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071987.D

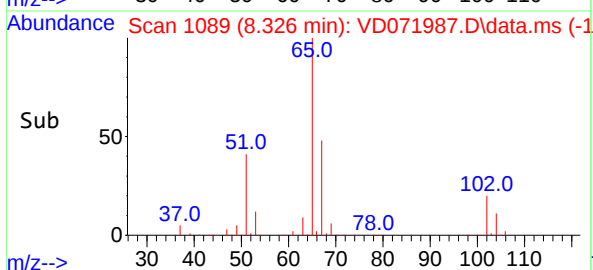
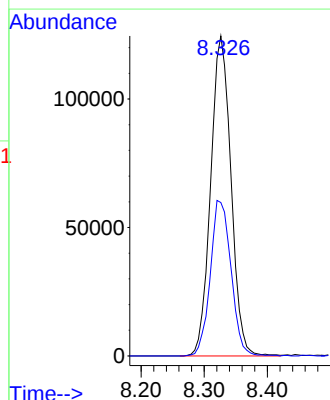
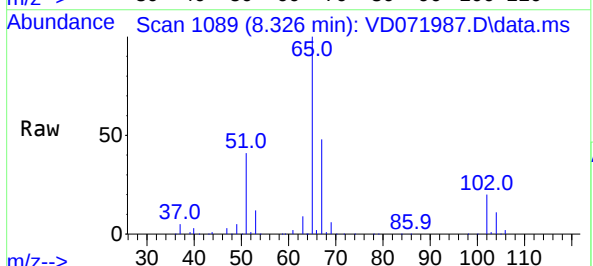
Acq: 16 Feb 2022 12:48

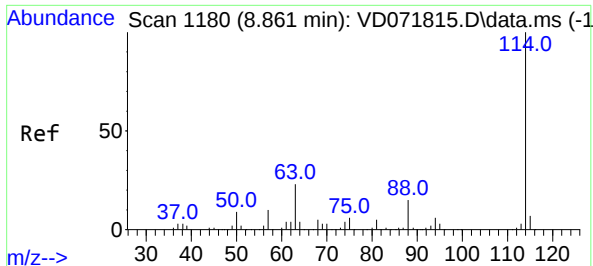
Tgt Ion: 65 Resp: 278286

Ion Ratio Lower Upper

65 100

67 49.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071987.D

Acq: 16 Feb 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

TP-1

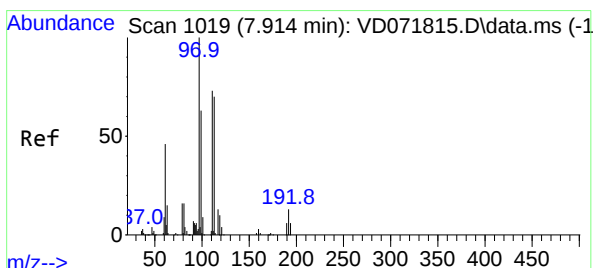
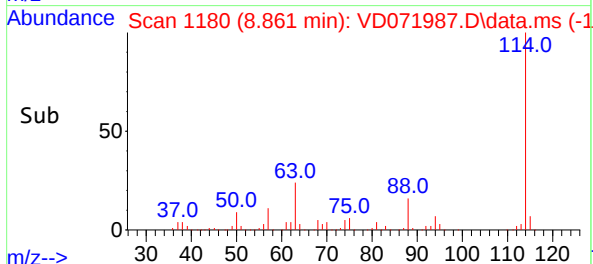
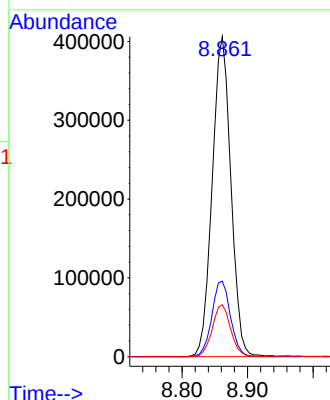
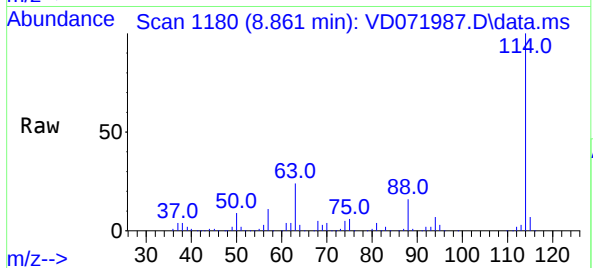
Tgt Ion:114 Resp: 800774

Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.6

88 16.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.750 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071987.D

Acq: 16 Feb 2022 12:48

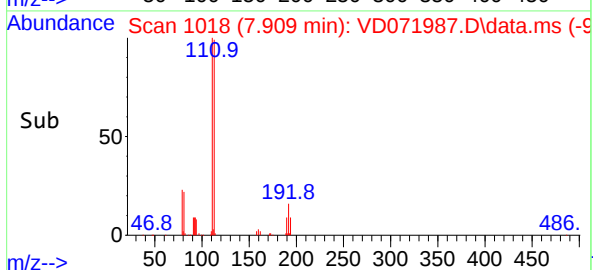
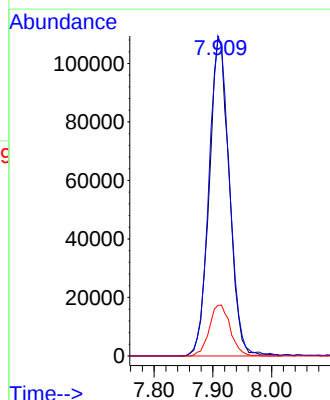
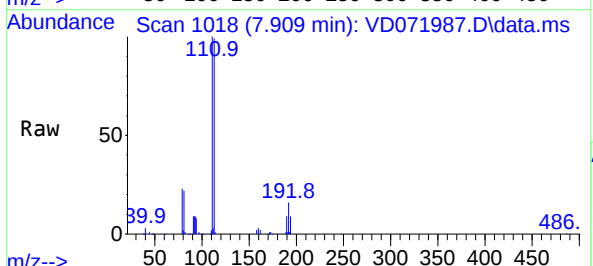
Tgt Ion:113 Resp: 256605

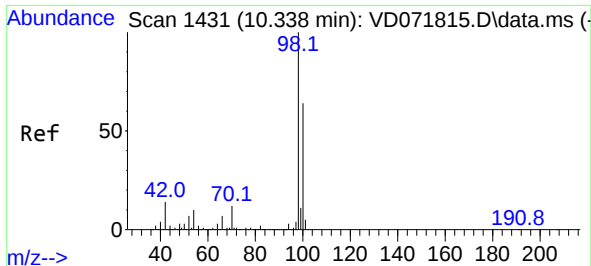
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 16.8 14.6 21.8

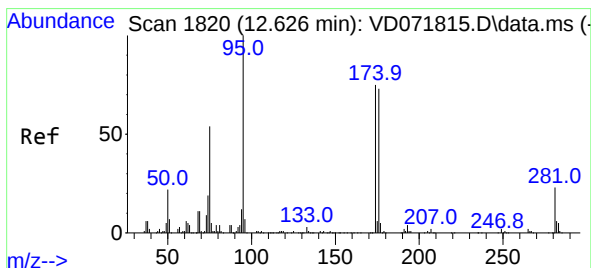
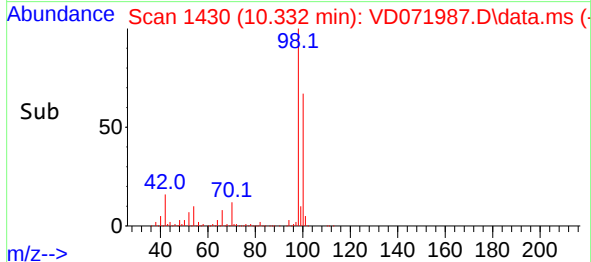
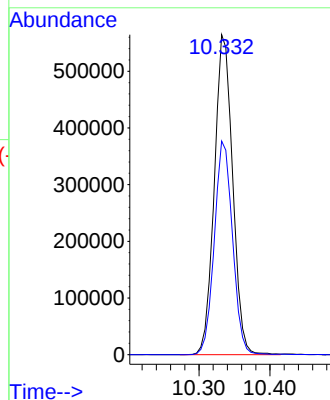
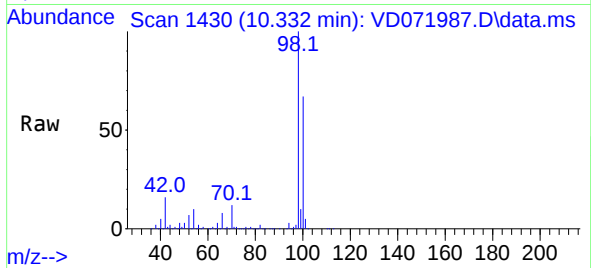




#50
Toluene-d8
Concen: 51.373 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071987.D
Acq: 16 Feb 2022 12:48

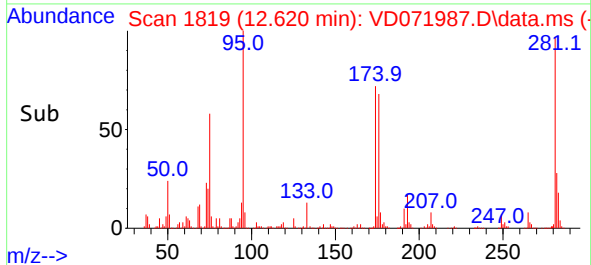
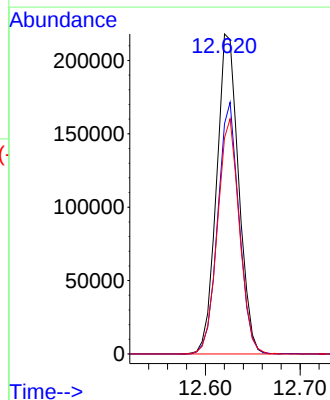
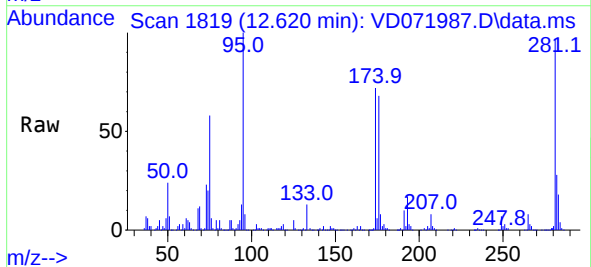
Instrument :
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TP-1

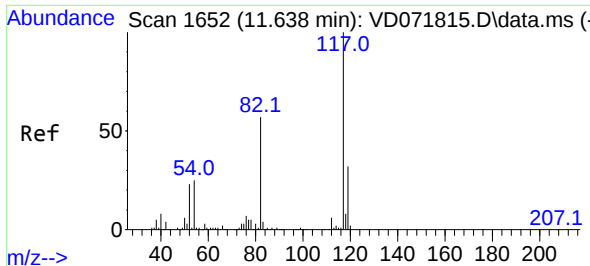
Tgt Ion: 98 Resp: 1009893
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.437 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071987.D
Acq: 16 Feb 2022 12:48

Tgt Ion: 95 Resp: 353109
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 72.7 0.0 145.4

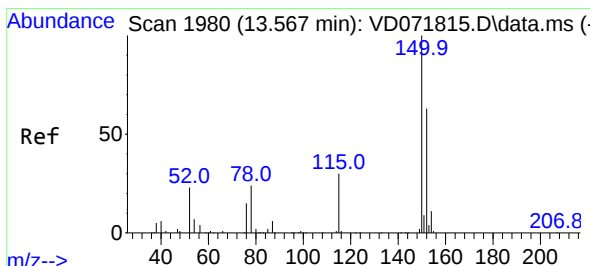
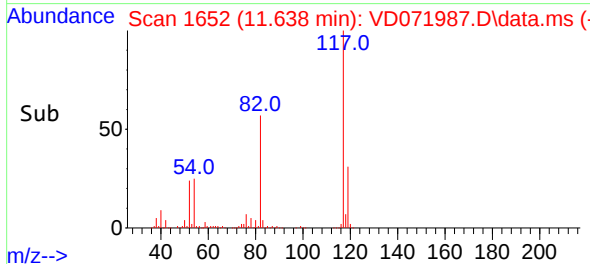
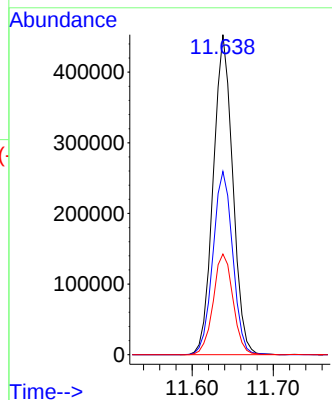
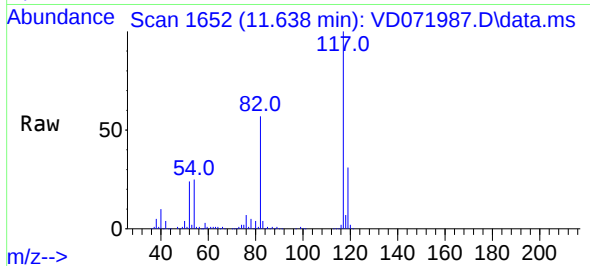




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD071987.D
Acq: 16 Feb 2022 12:48

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 756254
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 31.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071987.D
Acq: 16 Feb 2022 12:48

Tgt Ion:152 Resp: 322237
Ion Ratio Lower Upper
152 100
115 61.7 31.3 93.8
150 158.6 0.0 348.6

