

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071551.D
 Acq On : 30 Dec 2021 16:10
 Operator : VA/SY
 Sample : M5254-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 361

Quant Time: Dec 31 06:55:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	461602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	773097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	733608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	338488	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	234138	38.192	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.380%
35) Dibromofluoromethane	7.914	113	232479	44.744	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.480%
50) Toluene-d8	10.332	98	967679	49.283	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.620	95	352355	50.500	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.000%

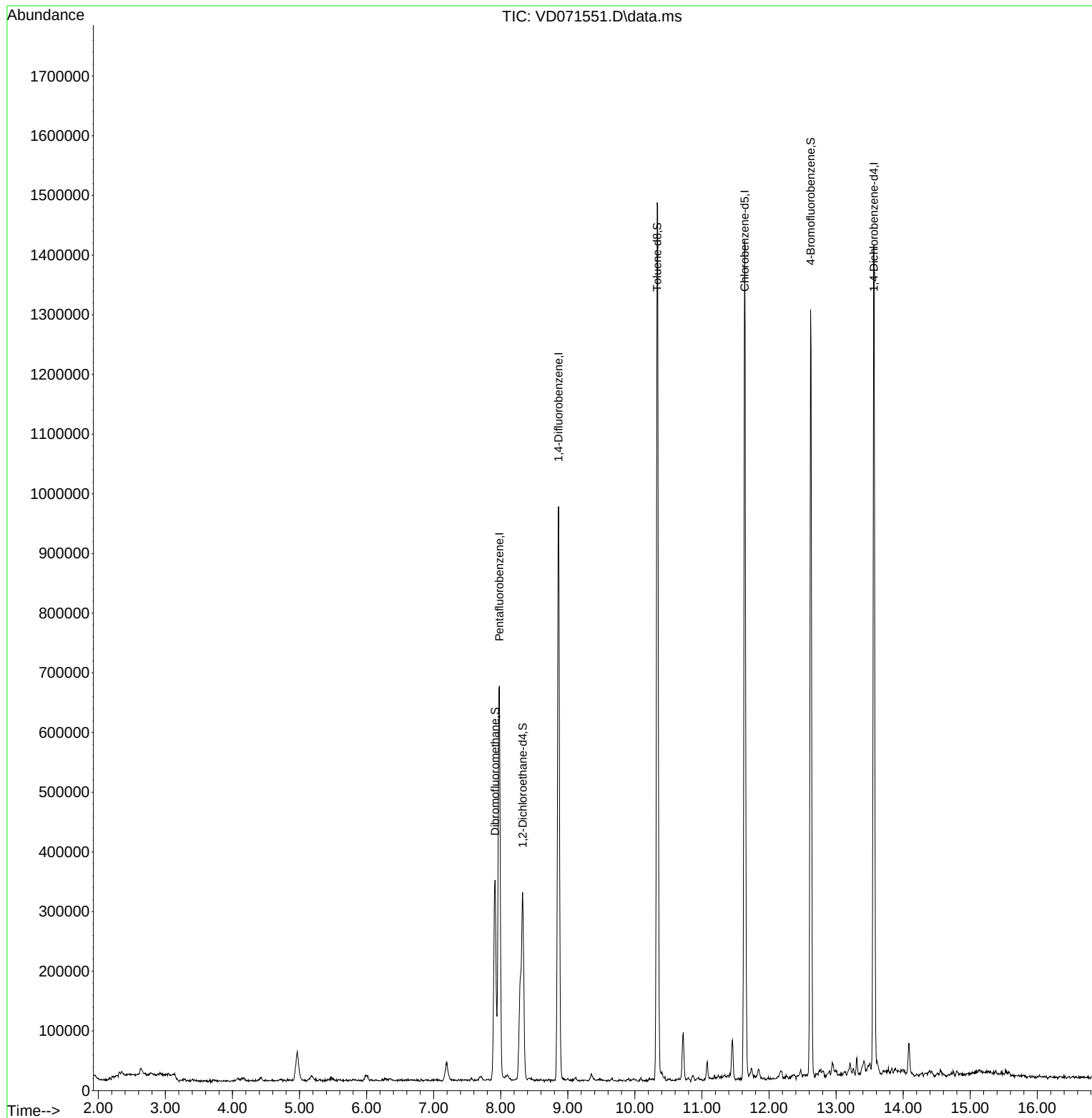
Target Compounds	Qvalue

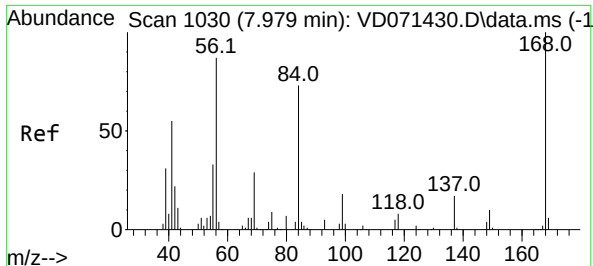
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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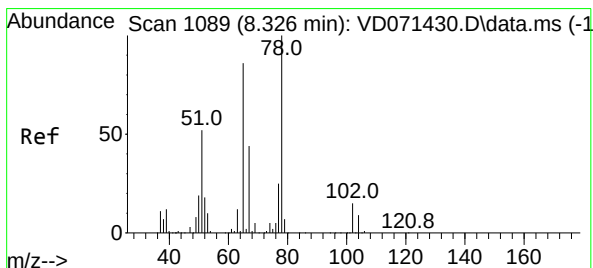
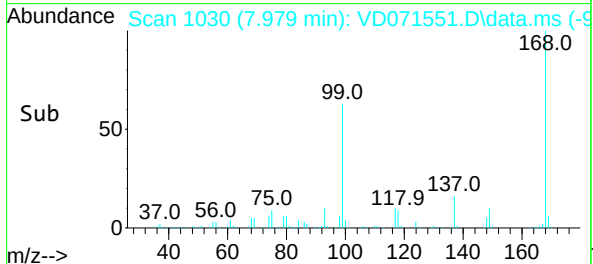
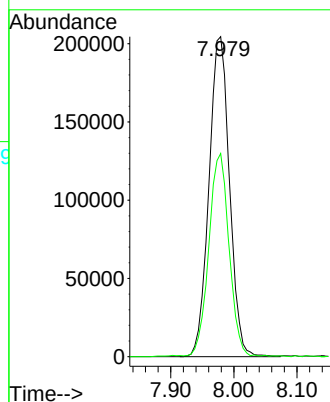
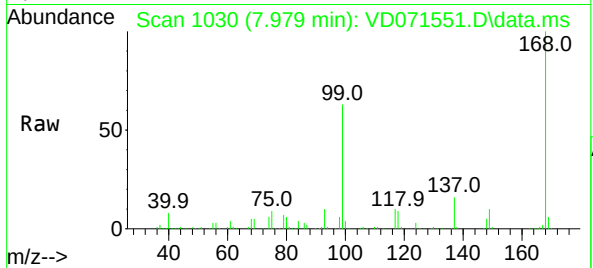




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071551.D
Acq: 30 Dec 2021 16:10

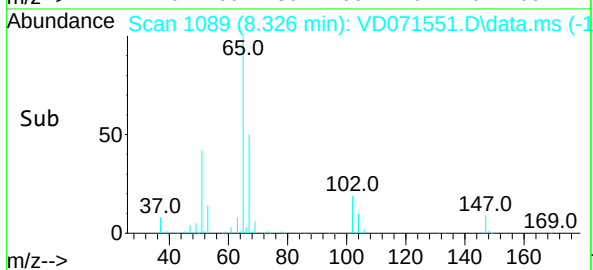
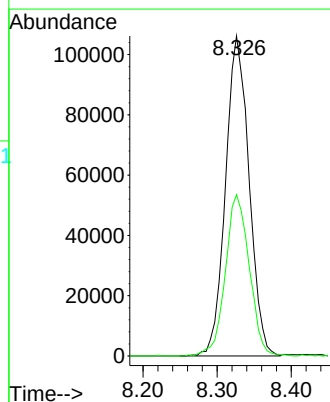
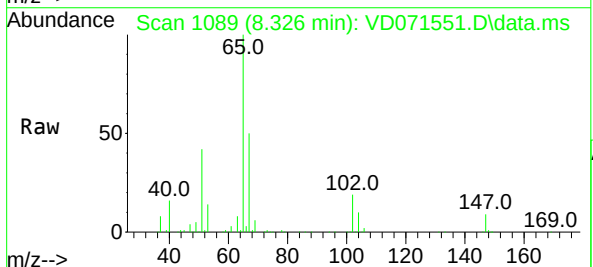
Instrument :
MSVOA_D
ClientSampleId :
361

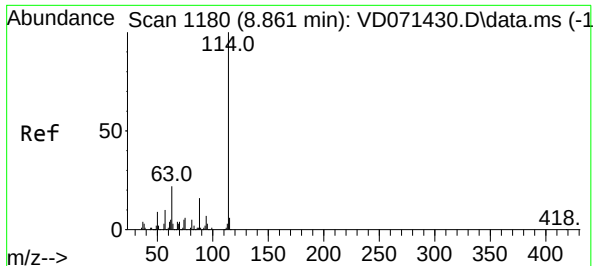
Tgt Ion:168 Resp: 461602
Ion Ratio Lower Upper
168 100
99 63.3 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 38.192 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071551.D
Acq: 30 Dec 2021 16:10

Tgt Ion: 65 Resp: 234138
Ion Ratio Lower Upper
65 100
67 51.3 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071551.D

Acq: 30 Dec 2021 16:10

Instrument :

MSVOA_D

ClientSampleId :

361

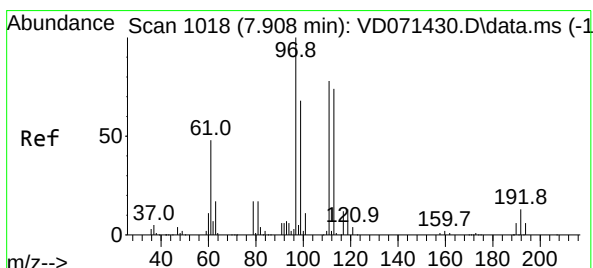
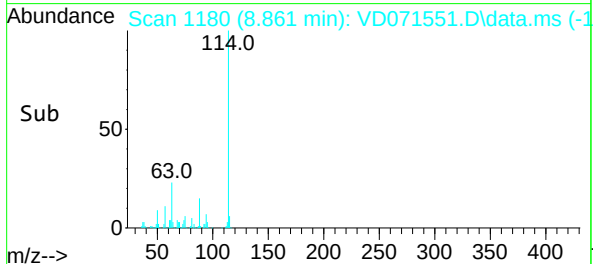
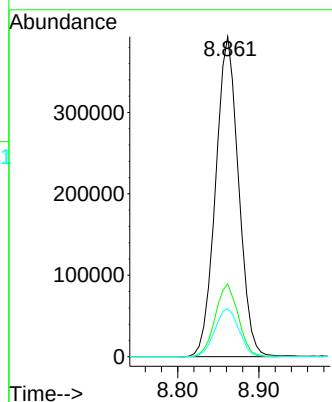
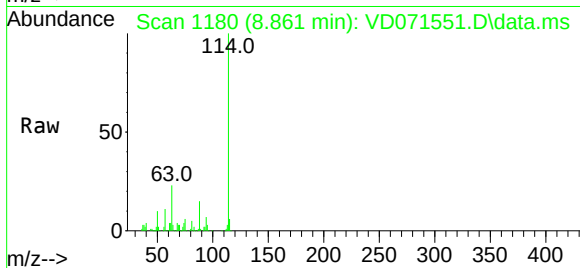
Tgt Ion:114 Resp: 773097

Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 15.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 44.744 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071551.D

Acq: 30 Dec 2021 16:10

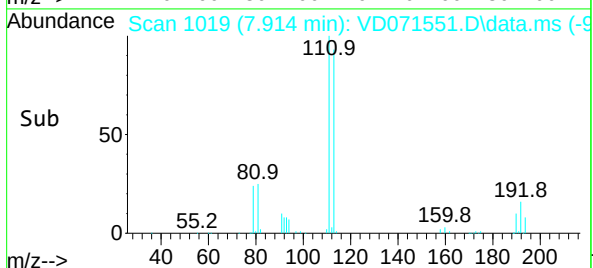
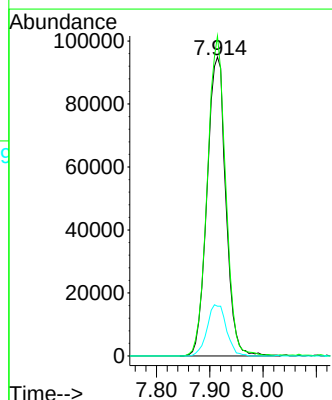
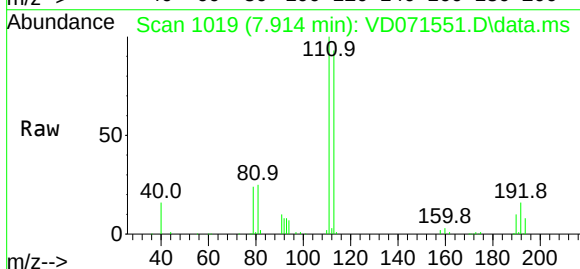
Tgt Ion:113 Resp: 232479

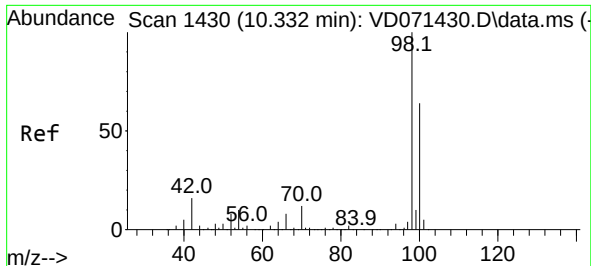
Ion Ratio Lower Upper

113 100

111 104.2 82.0 123.0

192 17.5 15.2 22.8

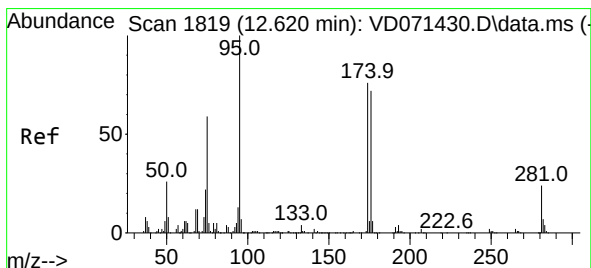
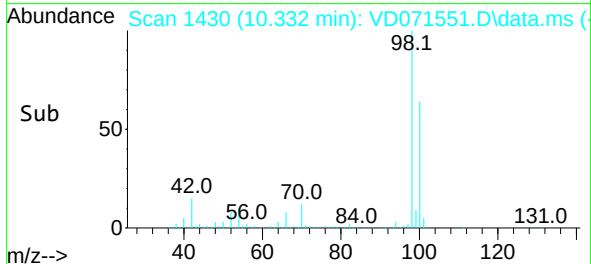
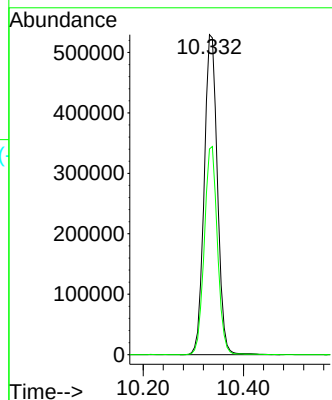
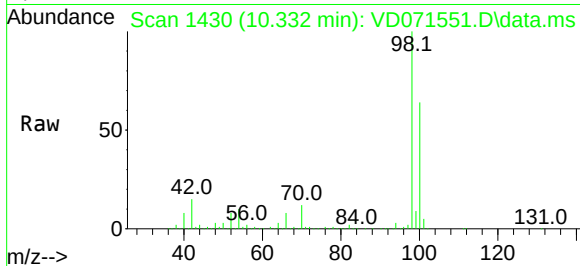




#50
Toluene-d8
Concen: 49.283 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071551.D
Acq: 30 Dec 2021 16:10

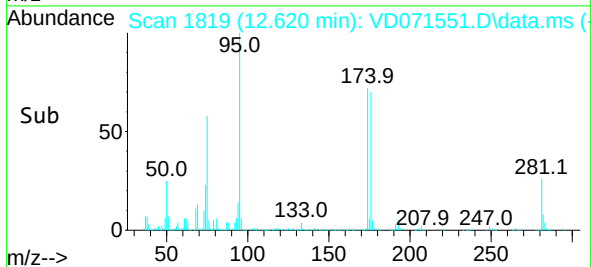
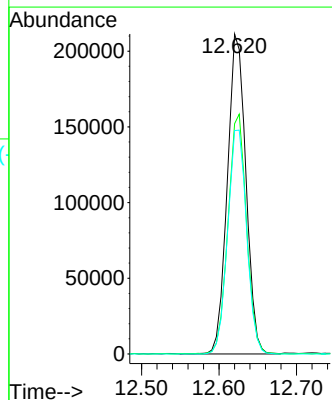
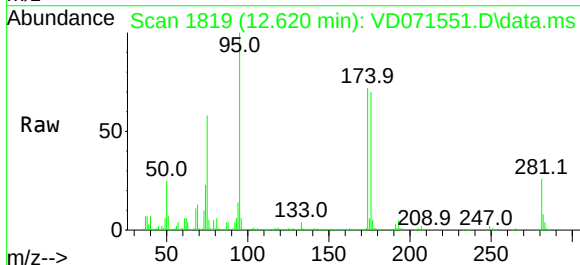
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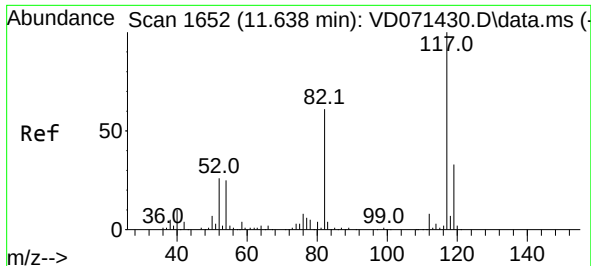
Tgt Ion: 98 Resp: 967679
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.500 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071551.D
Acq: 30 Dec 2021 16:10

Tgt Ion: 95 Resp: 352355
Ion Ratio Lower Upper
95 100
174 74.9 0.0 159.4
176 71.5 0.0 154.0

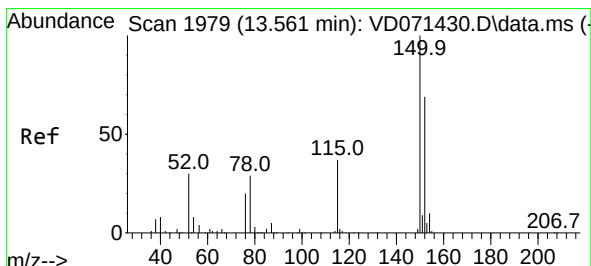
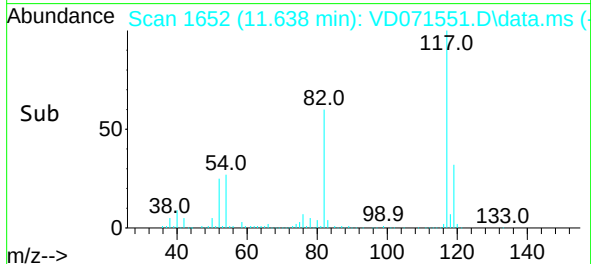
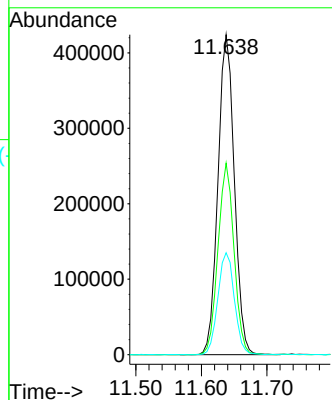
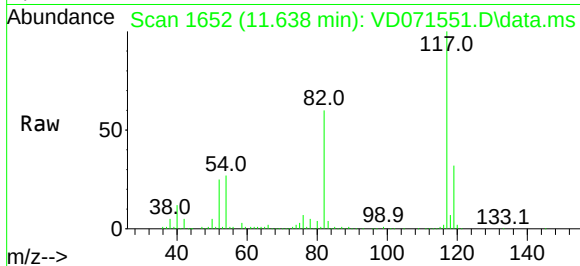




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071551.D
Acq: 30 Dec 2021 16:10

Instrument :
MSVOA_D
ClientSampleId :
361

Tgt Ion:117 Resp: 733608
Ion Ratio Lower Upper
117 100
82 59.8 44.7 67.1
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071551.D
Acq: 30 Dec 2021 16:10

Tgt Ion:152 Resp: 338488
Ion Ratio Lower Upper
152 100
115 61.2 29.8 89.3
150 158.9 0.0 349.2

