

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122921\
 Data File : VD071535.D
 Acq On : 29 Dec 2021 18:14
 Operator : VA/SY
 Sample : M5239-04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-123-1-40-57

Quant Time: Dec 29 19:51:29 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	377515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	645097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	603833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	271495	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	208799	41.645	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.300%
35) Dibromofluoromethane	7.914	113	199522	46.020	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.040%
50) Toluene-d8	10.332	98	806476	49.223	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.620	95	274498	47.148	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.300%

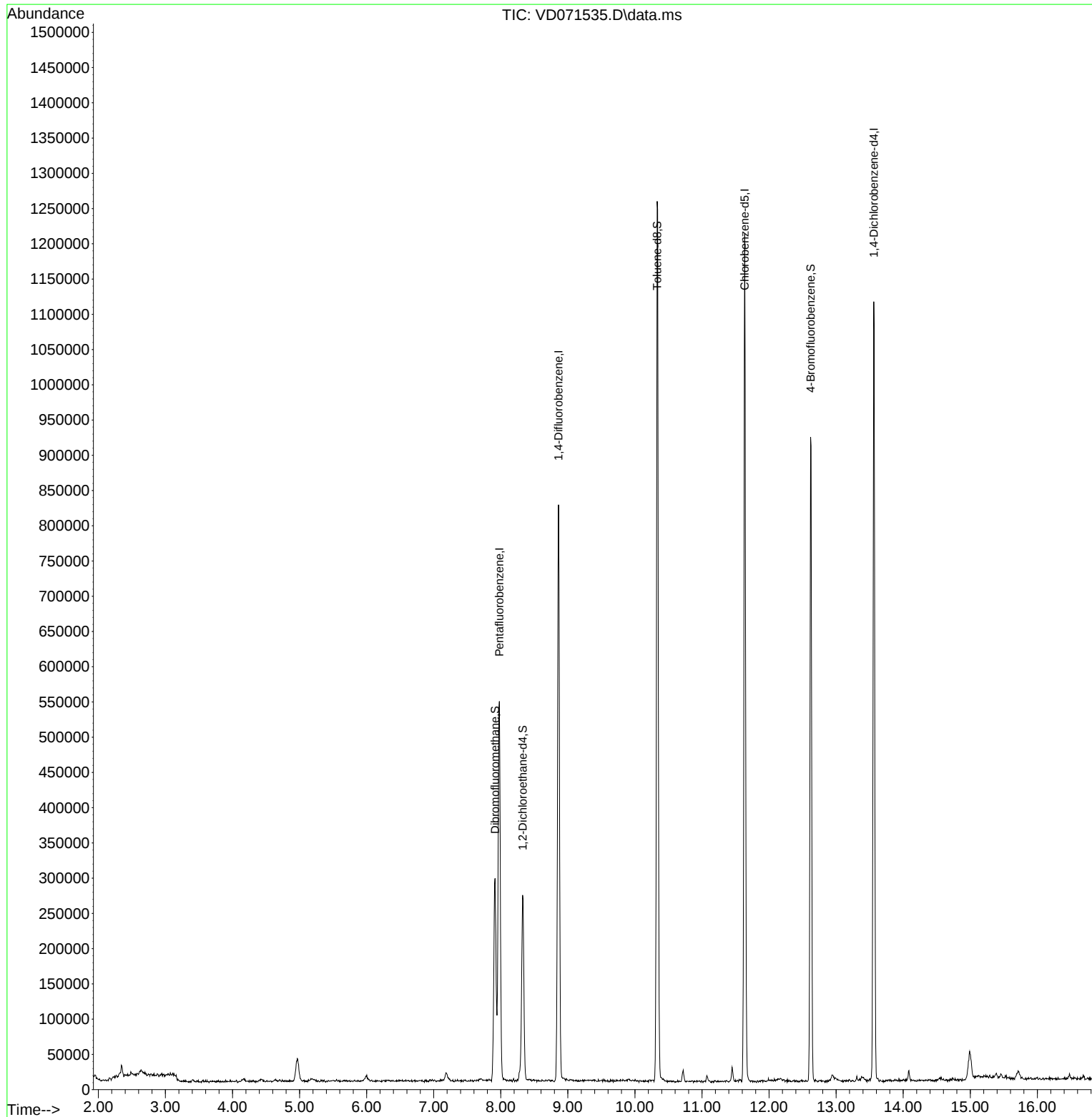
Target Compounds	Qvalue

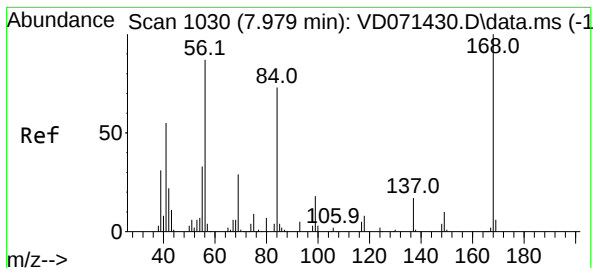
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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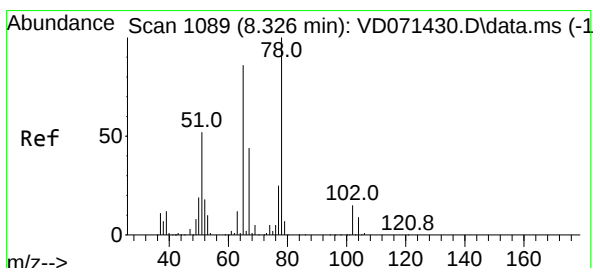
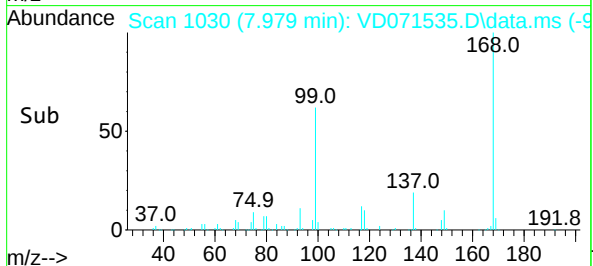
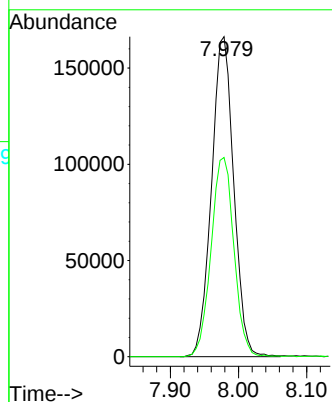
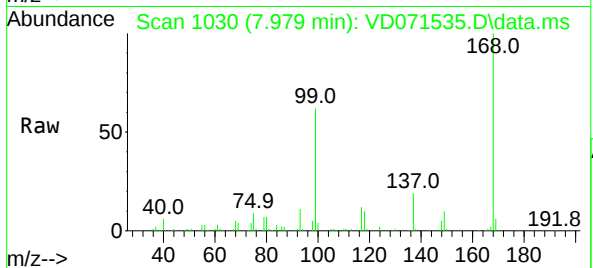




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071535.D
Acq: 29 Dec 2021 18:14

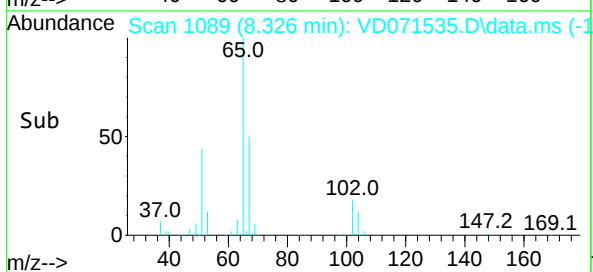
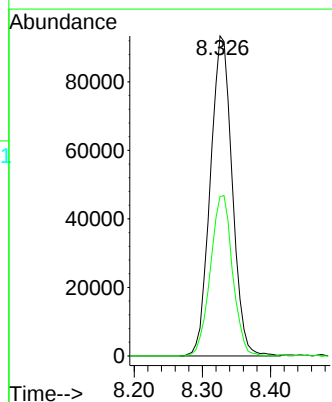
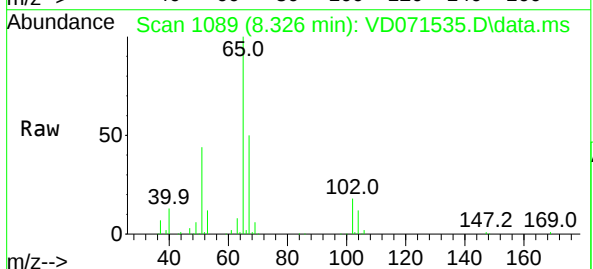
Instrument :
MSVOA_D
ClientSampleId :
SASP2-123-1-40-57

Tgt Ion:168 Resp: 377515
Ion Ratio Lower Upper
168 100
99 62.2 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 41.645 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071535.D
Acq: 29 Dec 2021 18:14

Tgt Ion: 65 Resp: 208799
Ion Ratio Lower Upper
65 100
67 50.7 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: VD071535.D

Acq: 29 Dec 2021 18:14

Instrument :

MSVOA_D

ClientSampleId :

SASP2-123-1-40-57

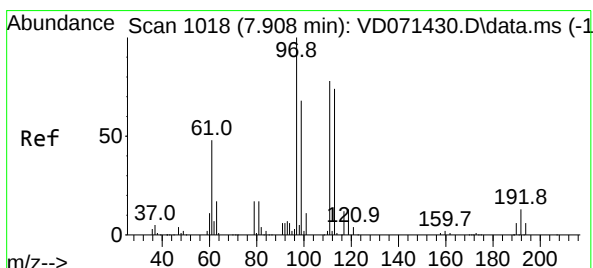
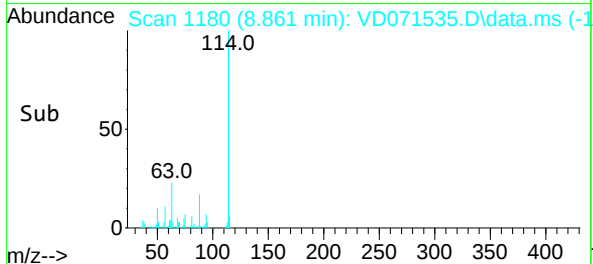
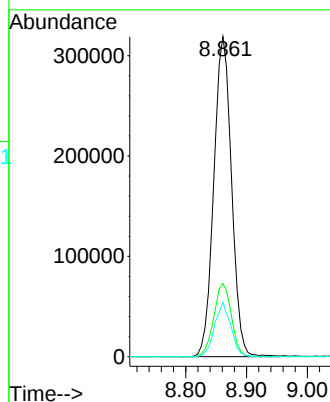
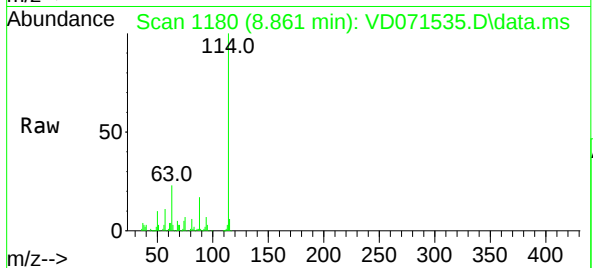
Tgt Ion:114 Resp: 645097

Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.8

88 17.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 46.020 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071535.D

Acq: 29 Dec 2021 18:14

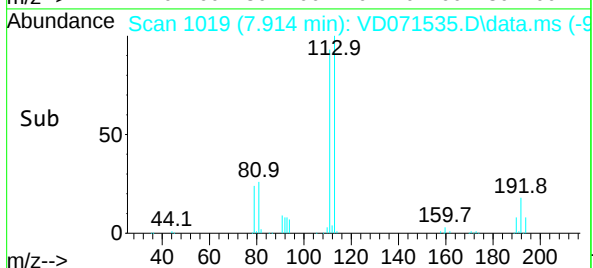
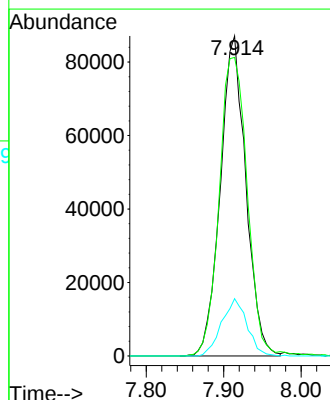
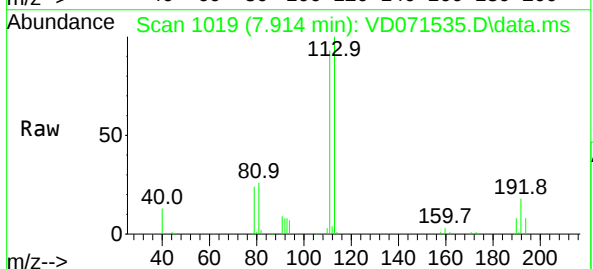
Tgt Ion:113 Resp: 199522

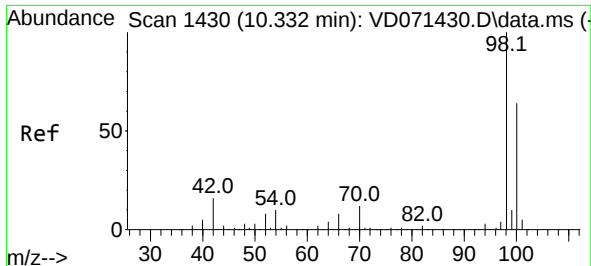
Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

192 17.9 15.2 22.8

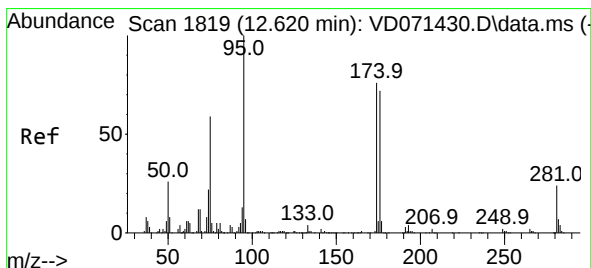
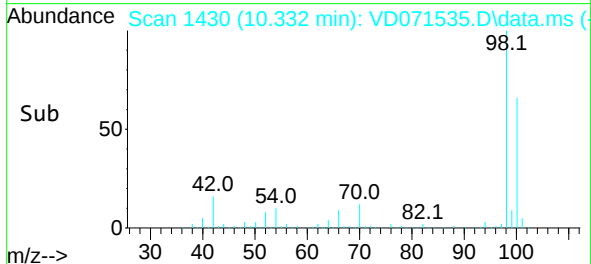
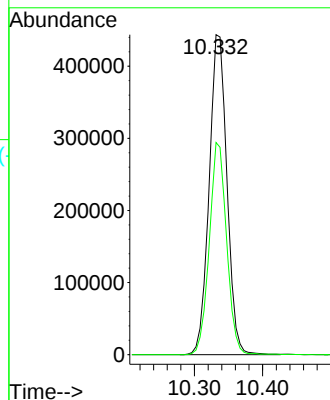
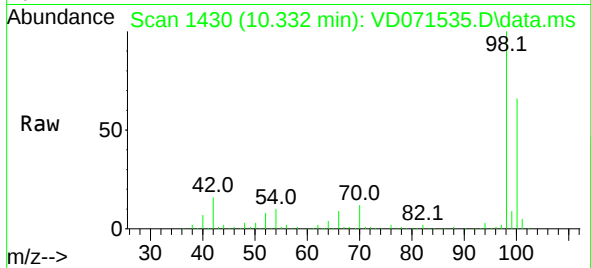




#50
Toluene-d8
Concen: 49.223 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071535.D
Acq: 29 Dec 2021 18:14

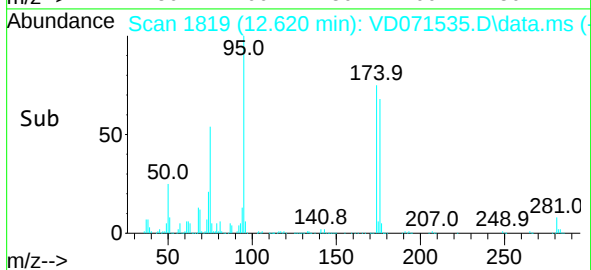
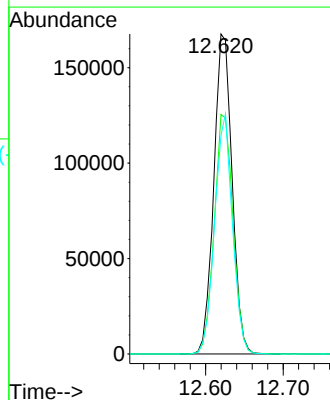
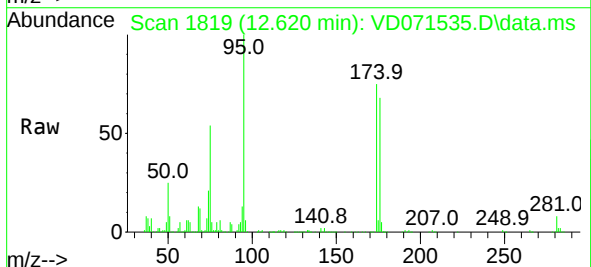
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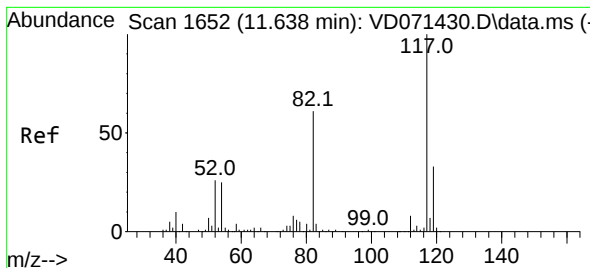
Tgt Ion: 98 Resp: 806476
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.148 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071535.D
Acq: 29 Dec 2021 18:14

Tgt Ion: 95 Resp: 274498
Ion Ratio Lower Upper
95 100
174 77.0 0.0 159.4
176 73.0 0.0 154.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.637 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD071535.D

Acq: 29 Dec 2021 18:14

Instrument :

MSVOA_D

ClientSampleId :

SASP2-123-1-40-57

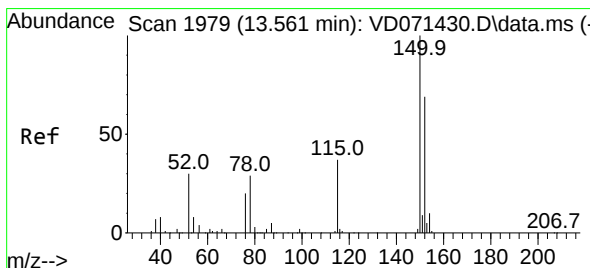
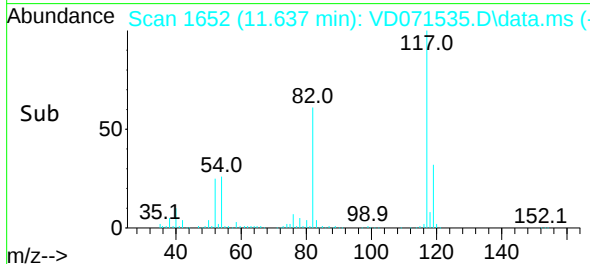
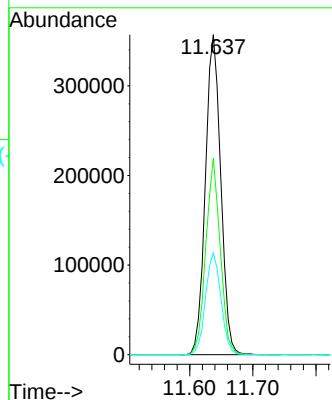
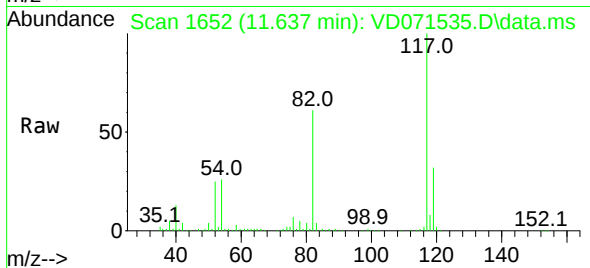
Tgt Ion:117 Resp: 603833

Ion Ratio Lower Upper

117 100

82 61.3 44.7 67.1

119 31.8 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: VD071535.D

Acq: 29 Dec 2021 18:14

Tgt Ion:152 Resp: 271495

Ion Ratio Lower Upper

152 100

115 60.1 29.8 89.3

150 157.8 0.0 349.2

