

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122921\
 Data File : VD071522.D
 Acq On : 29 Dec 2021 12:09
 Operator : VA/SY
 Sample : M5230-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC124042

Quant Time: Dec 29 15:27:10 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	7.973	168	34996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	55503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	59945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	27357	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	30385	65.375	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.760%
35) Dibromofluoromethane	7.914	113	21040	56.404	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.800%
50) Toluene-d8	10.332	98	72183	51.206	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.420%
62) 4-Bromofluorobenzene	12.620	95	27658	55.214	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.420%

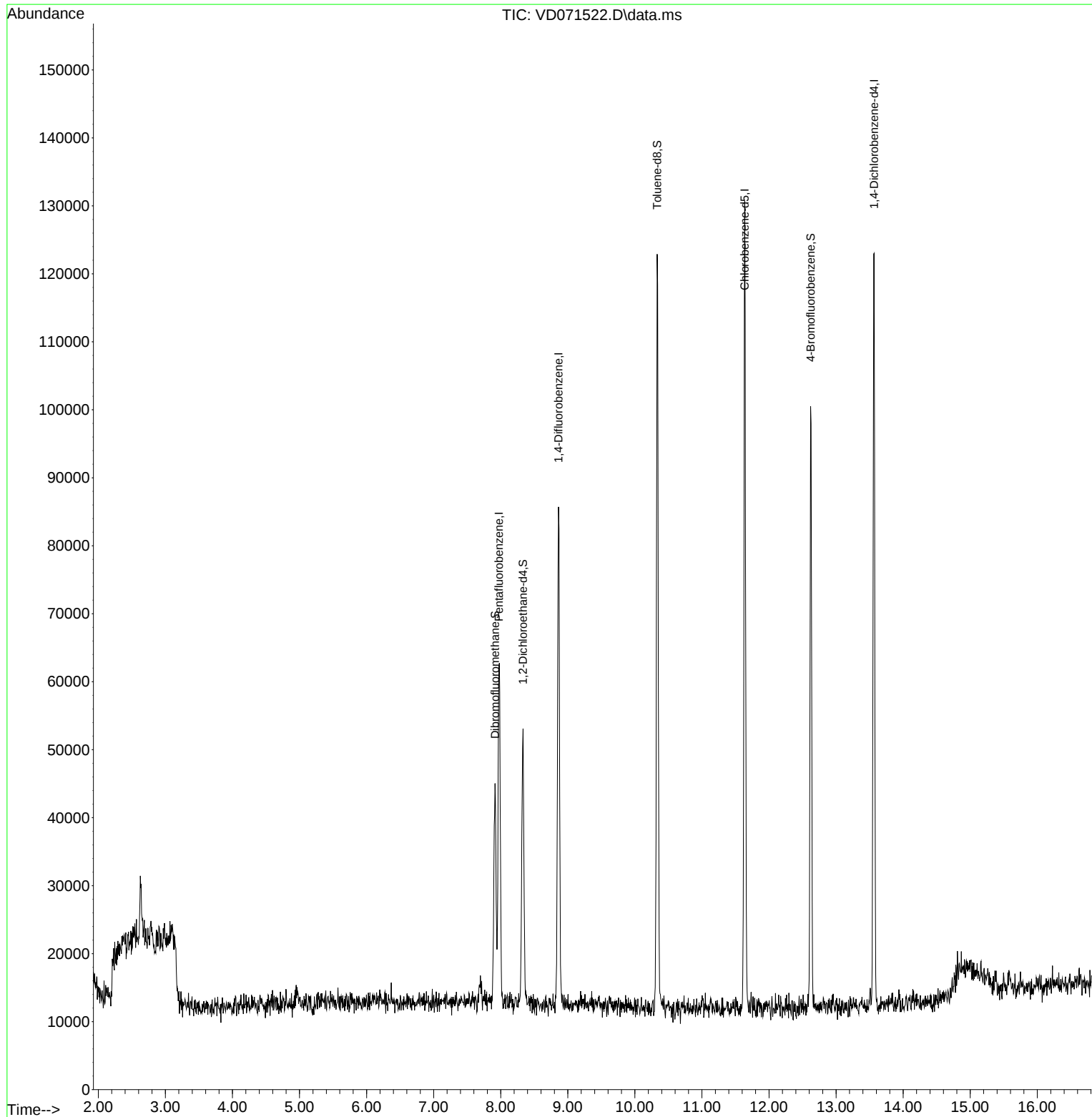
Target Compounds	Qvalue

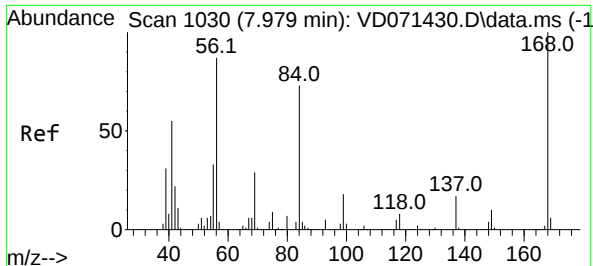
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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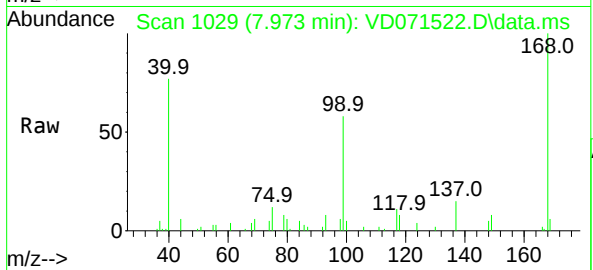
Quant Time: Dec 29 15:27:10 2021
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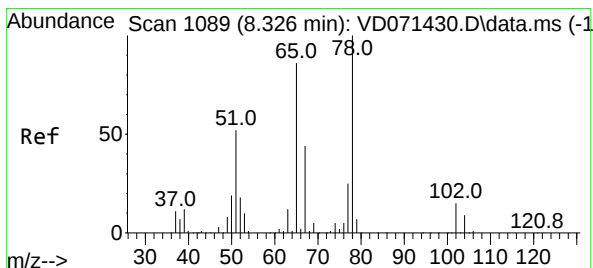
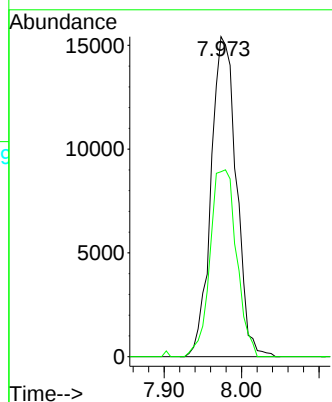
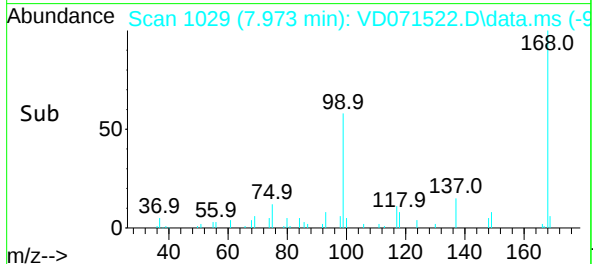


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

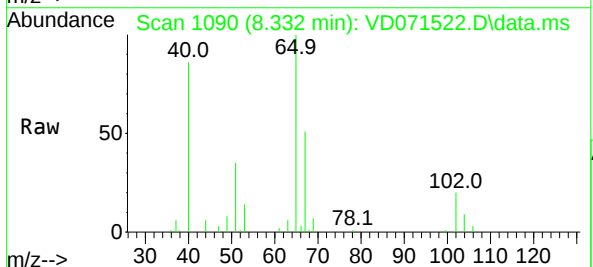
Instrument :
MSVOA_D
ClientSampleId :
PSC124042



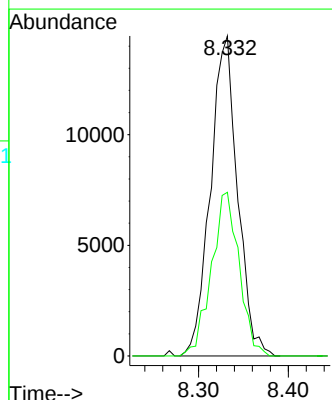
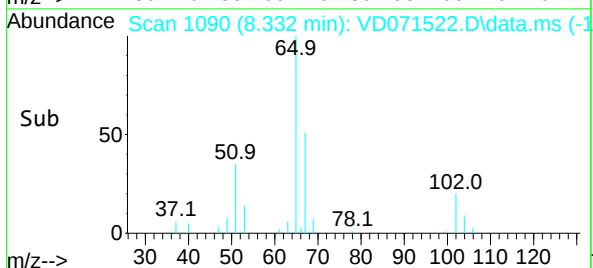
Tgt Ion:168 Resp: 34996
Ion Ratio Lower Upper
168 100
99 57.8 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 65.375 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09



Tgt Ion: 65 Resp: 30385
Ion Ratio Lower Upper
65 100
67 52.2 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: VD071522.D

Acq: 29 Dec 2021 12:09

Instrument :

MSVOA_D

ClientSampleId :

PSC124042

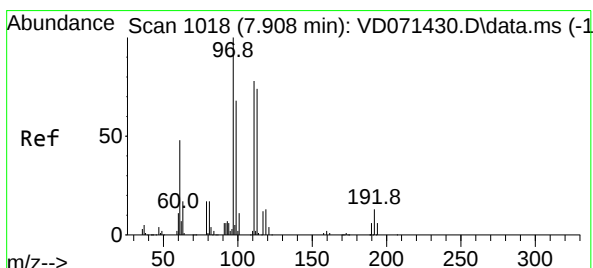
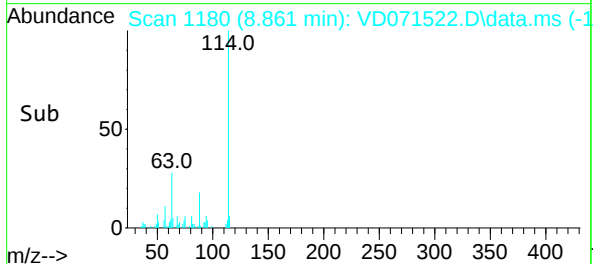
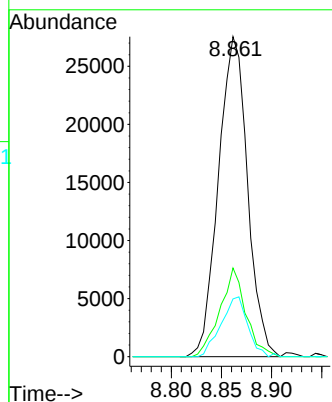
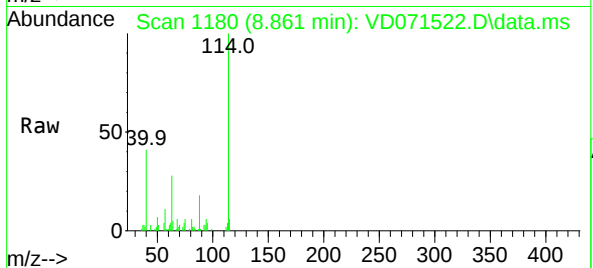
Tgt Ion:114 Resp: 55503

Ion Ratio Lower Upper

114 100

63 27.7 0.0 41.8

88 18.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 56.404 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071522.D

Acq: 29 Dec 2021 12:09

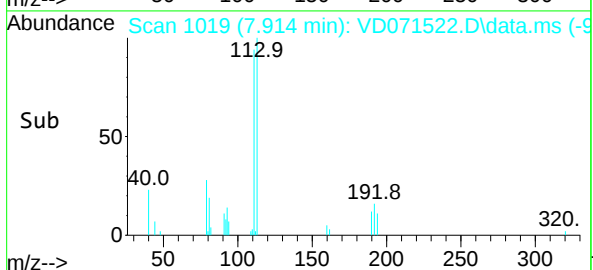
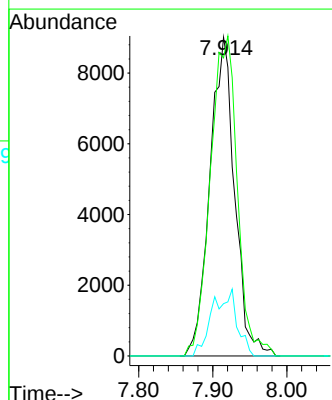
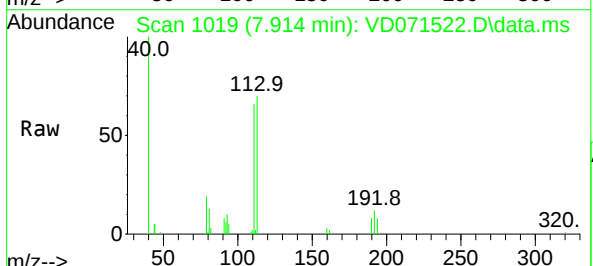
Tgt Ion:113 Resp: 21040

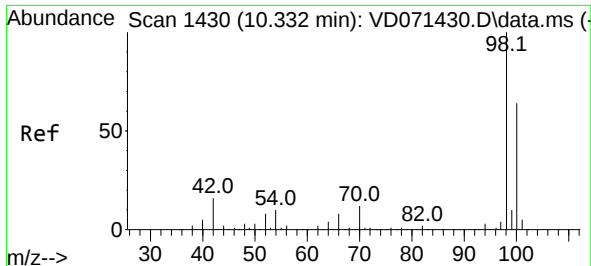
Ion Ratio Lower Upper

113 100

111 108.6 82.0 123.0

192 9.0 15.2 22.8#

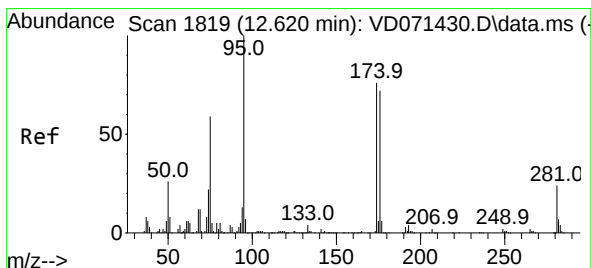
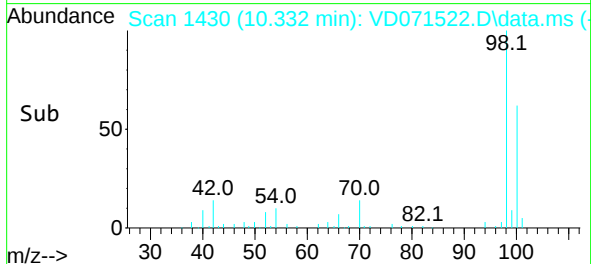
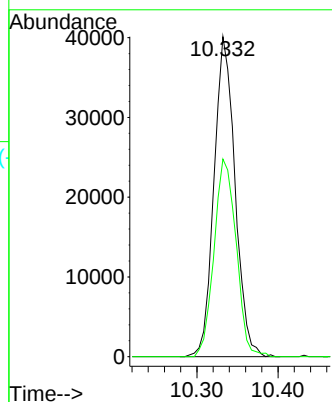
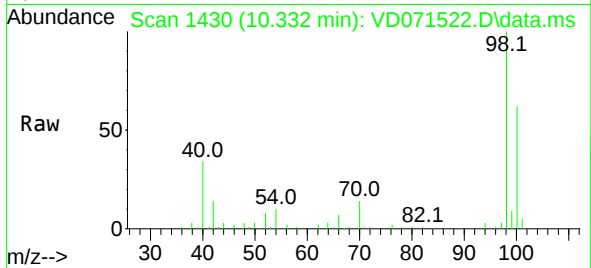




#50
Toluene-d8
Concen: 51.206 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

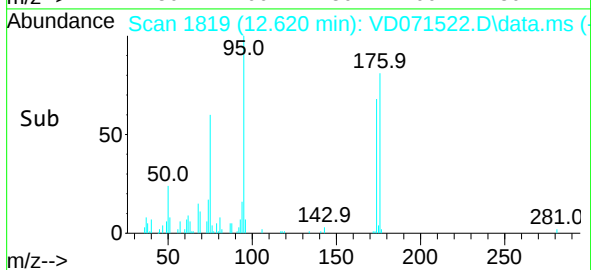
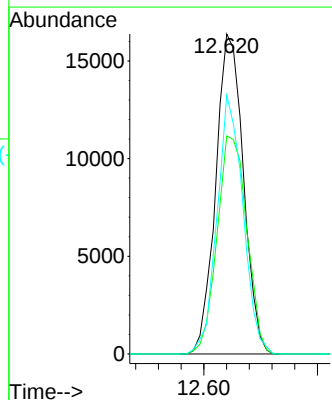
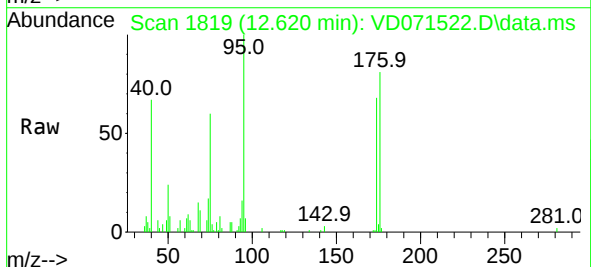
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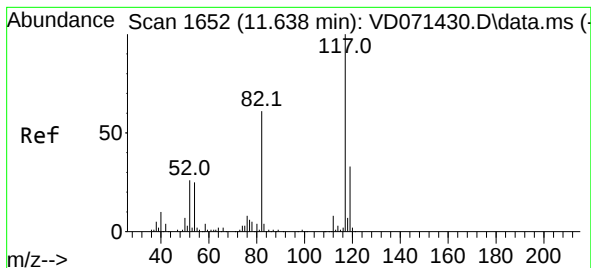
Tgt Ion: 98 Resp: 72183
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 55.214 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071522.D
Acq: 29 Dec 2021 12:09

Tgt Ion: 95 Resp: 27658
Ion Ratio Lower Upper
95 100
174 73.3 0.0 159.4
176 75.9 0.0 154.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071522.D

Acq: 29 Dec 2021 12:09

Instrument :

MSVOA_D

ClientSampleId :

PSC124042

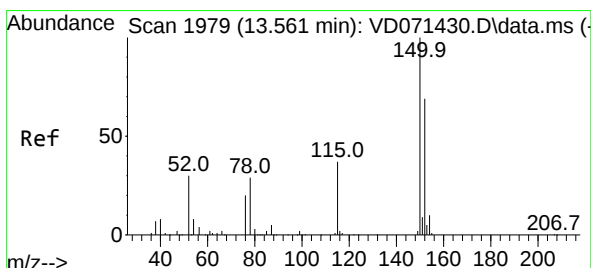
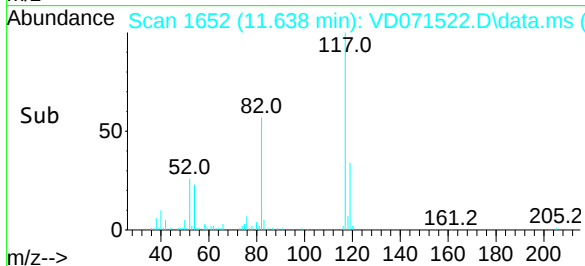
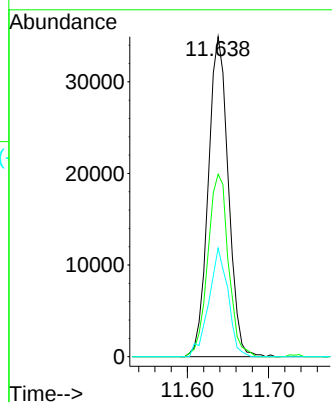
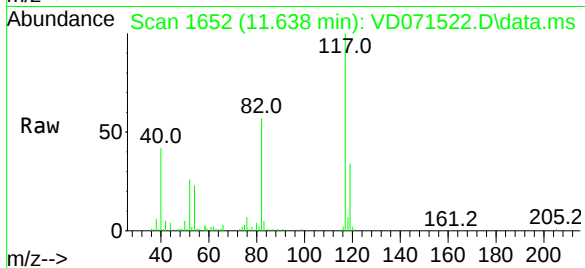
Tgt Ion:117 Resp: 59945

Ion Ratio Lower Upper

117 100

82 57.0 44.7 67.1

119 33.9 26.2 39.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.006 min

Lab File: VD071522.D

Acq: 29 Dec 2021 12:09

Tgt Ion:152 Resp: 27357

Ion Ratio Lower Upper

152 100

115 63.7 29.8 89.3

150 160.6 0.0 349.2

