

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080018.D
 Acq On : 14 Nov 2024 21:36
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Nov 15 06:57:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 06:28:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	205580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	352143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	315348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	150266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	111200	52.766	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.540%
35) Dibromofluoromethane	7.804	113	112888	47.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.900%
50) Toluene-d8	10.269	98	412837	46.351	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.700%
62) 4-Bromofluorobenzene	12.575	95	123655	41.391	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.780%

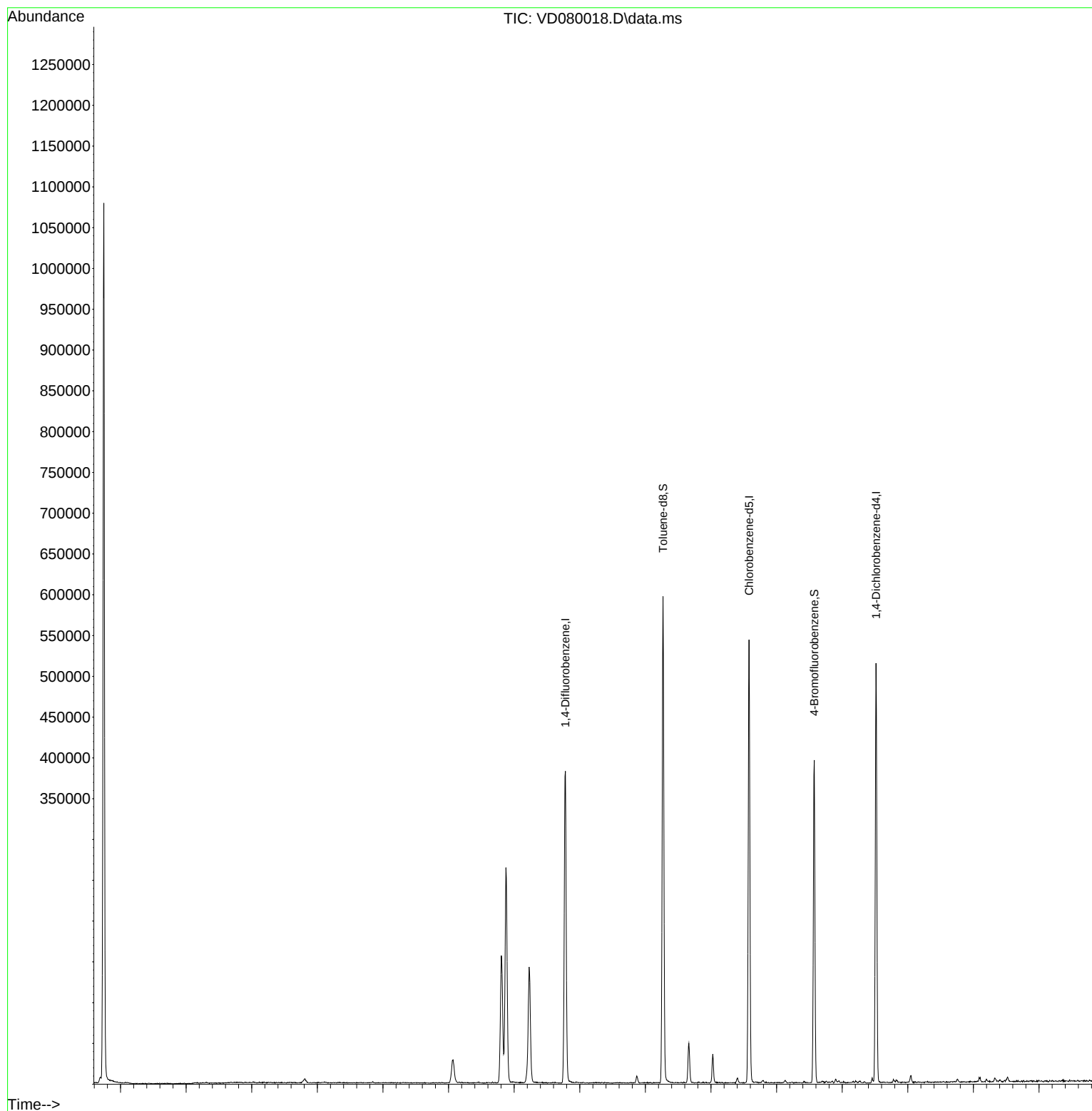
Target Compounds Qvalue

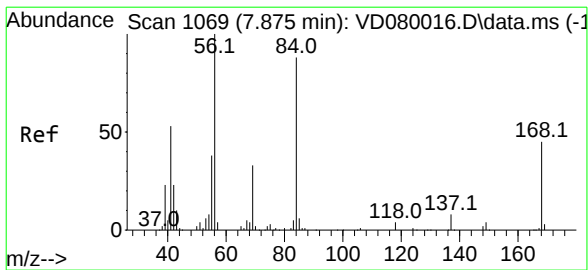
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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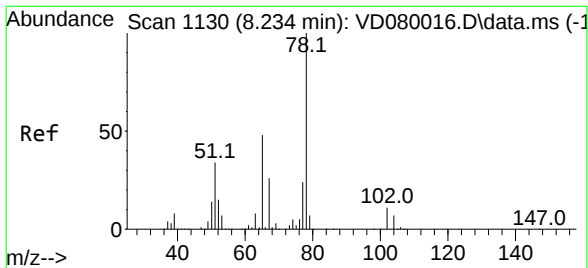
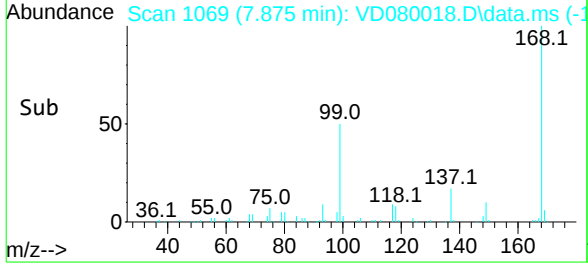
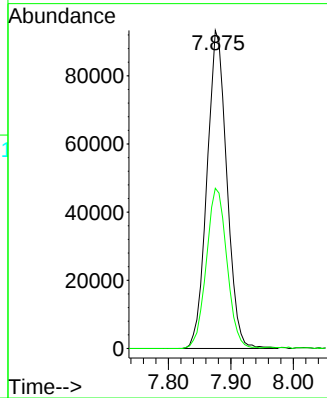
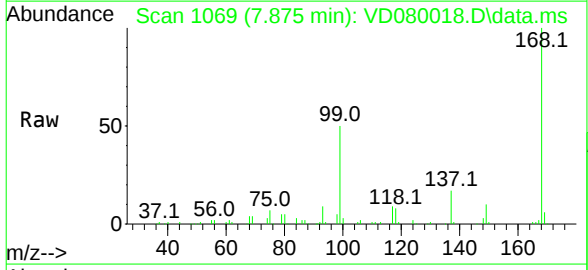




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080018.D
Acq: 14 Nov 2024 21:36

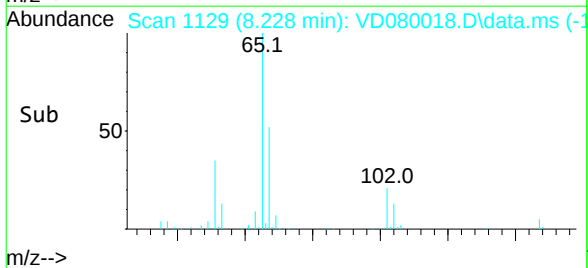
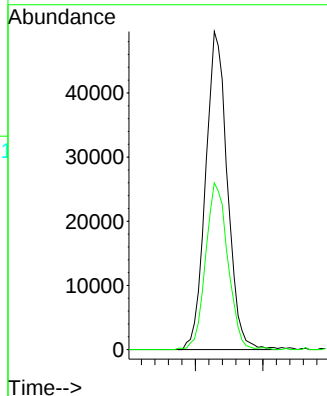
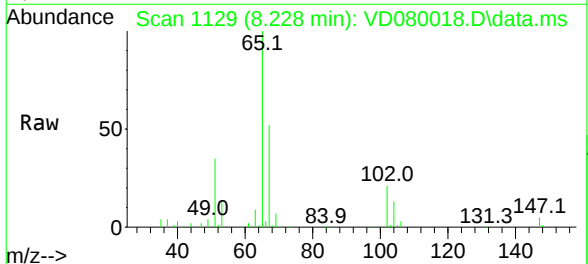
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

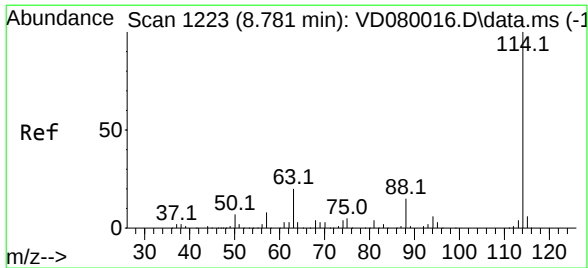
Tgt Ion:168 Resp: 205580
Ion Ratio Lower Upper
168 100
99 50.4 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 52.766 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD080018.D
Acq: 14 Nov 2024 21:36

Tgt Ion: 65 Resp: 111200
Ion Ratio Lower Upper
65 100
67 53.3 0.0 112.4

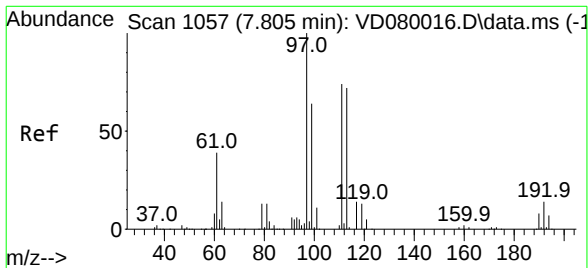
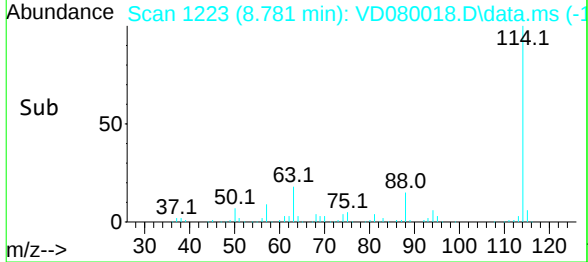
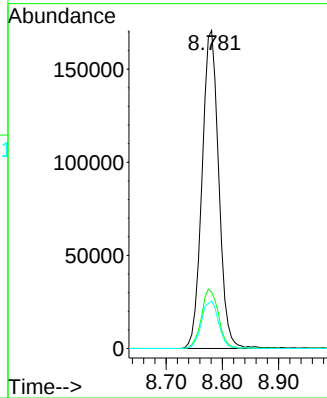
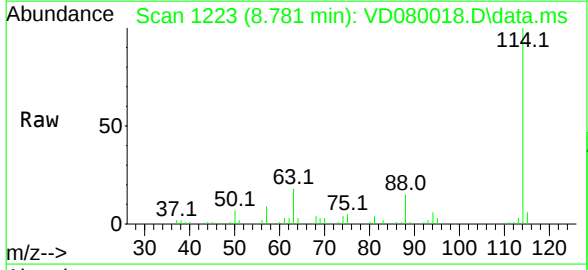




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VD080018.D
 Acq: 14 Nov 2024 21:36

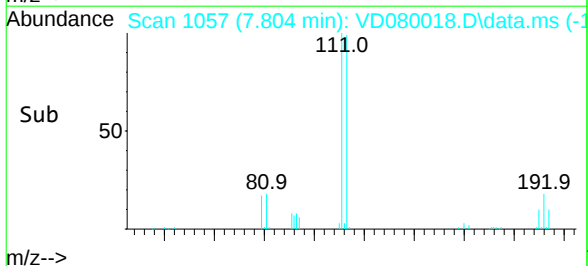
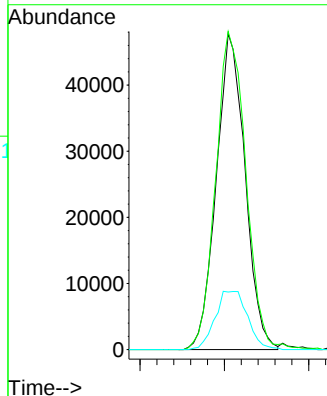
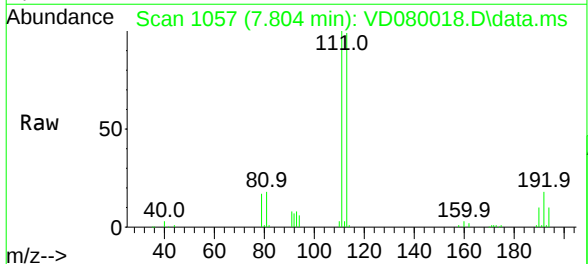
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

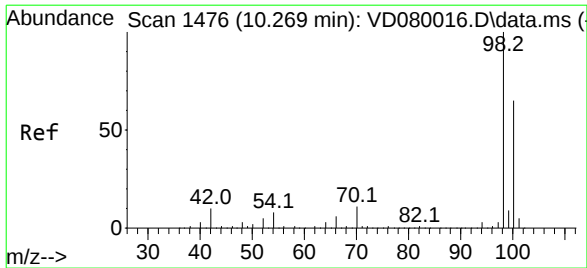
Tgt Ion:	114	Resp:	352143
Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	36.2
88	14.9	0.0	28.6



#35
 Dibromofluoromethane
 Concen: 47.952 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD080018.D
 Acq: 14 Nov 2024 21:36

Tgt Ion:	113	Resp:	112888
Ion	Ratio	Lower	Upper
113	100		
111	106.1	81.8	122.6
192	20.8	16.8	25.2





#50

Toluene-d8

Concen: 46.351 ug/l

RT: 10.269 min Scan# 14

Delta R.T. 0.000 min

Lab File: VD080018.D

Acq: 14 Nov 2024 21:36

Instrument :

MSVOA_D

ClientSampleId :

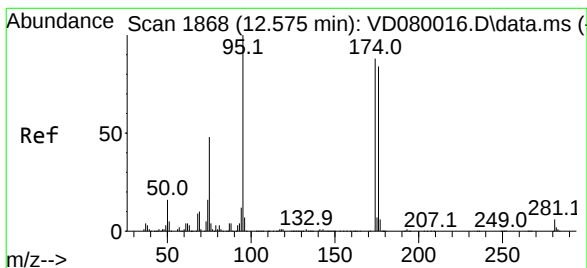
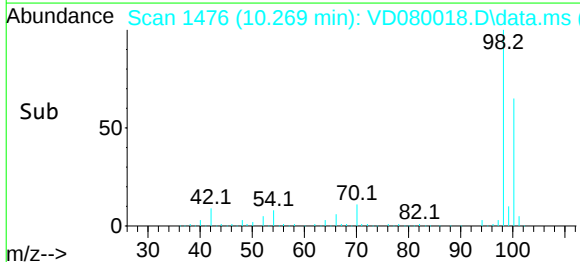
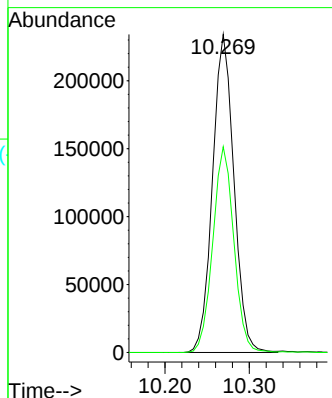
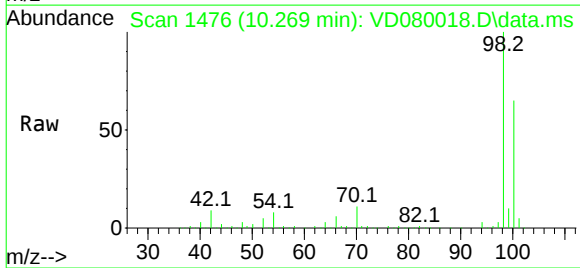
VIBLK

Tgt Ion: 98 Resp: 412837

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 41.391 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD080018.D

Acq: 14 Nov 2024 21:36

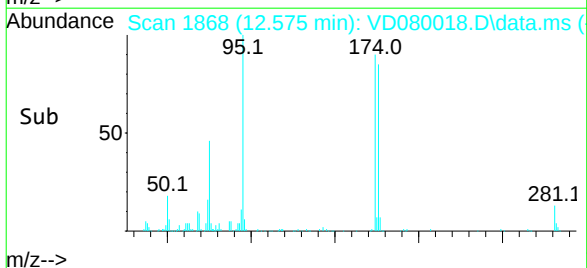
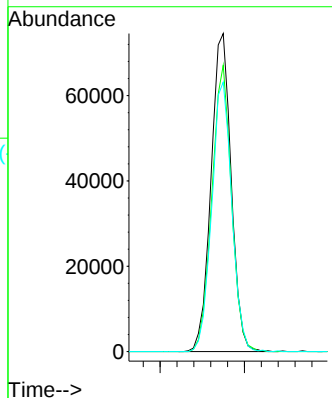
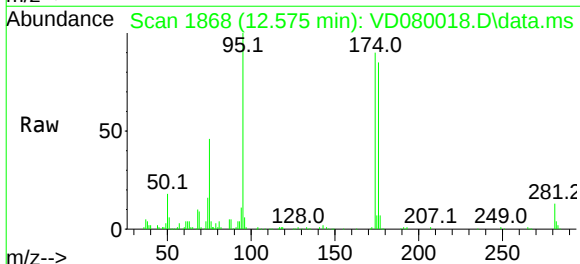
Tgt Ion: 95 Resp: 123655

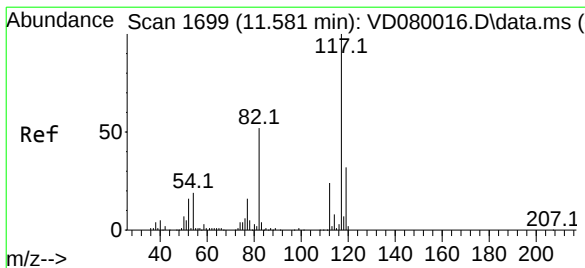
Ion Ratio Lower Upper

95 100

174 87.5 0.0 172.2

176 84.3 0.0 166.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VD080018.D

Acq: 14 Nov 2024 21:36

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

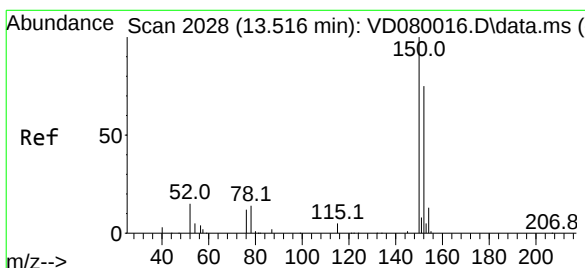
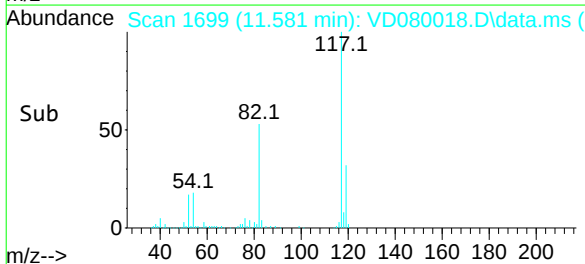
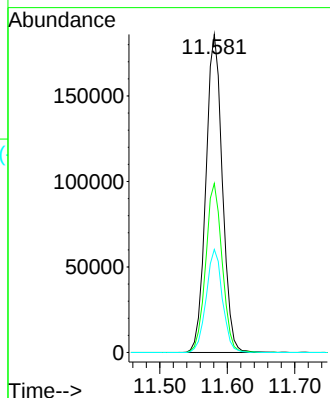
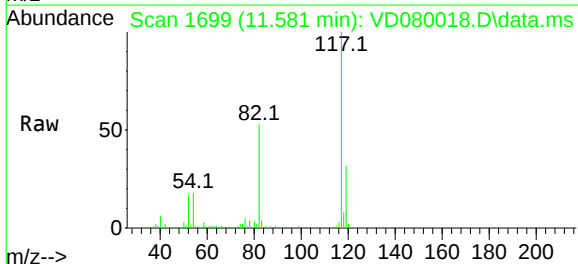
Tgt Ion:117 Resp: 315348

Ion Ratio Lower Upper

117 100

82 53.1 43.7 65.5

119 32.4 26.8 40.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD080018.D

Acq: 14 Nov 2024 21:36

Tgt Ion:152 Resp: 150266

Ion Ratio Lower Upper

152 100

115 55.8 28.7 86.3

150 157.4 0.0 353.8

