

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103123\
 Data File : VD077460.D
 Acq On : 31 Oct 2023 14:52
 Operator : JC/SY
 Sample : 05141-03
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PE-3

Quant Time: Nov 01 06:07:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	266817	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	537858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	593448	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	298984	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	146730	38.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.780%
35) Dibromofluoromethane	7.810	113	160588	43.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.400%
50) Toluene-d8	10.269	98	705525	48.860	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.720%
62) 4-Bromofluorobenzene	12.575	95	304076	62.524	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	125.040%

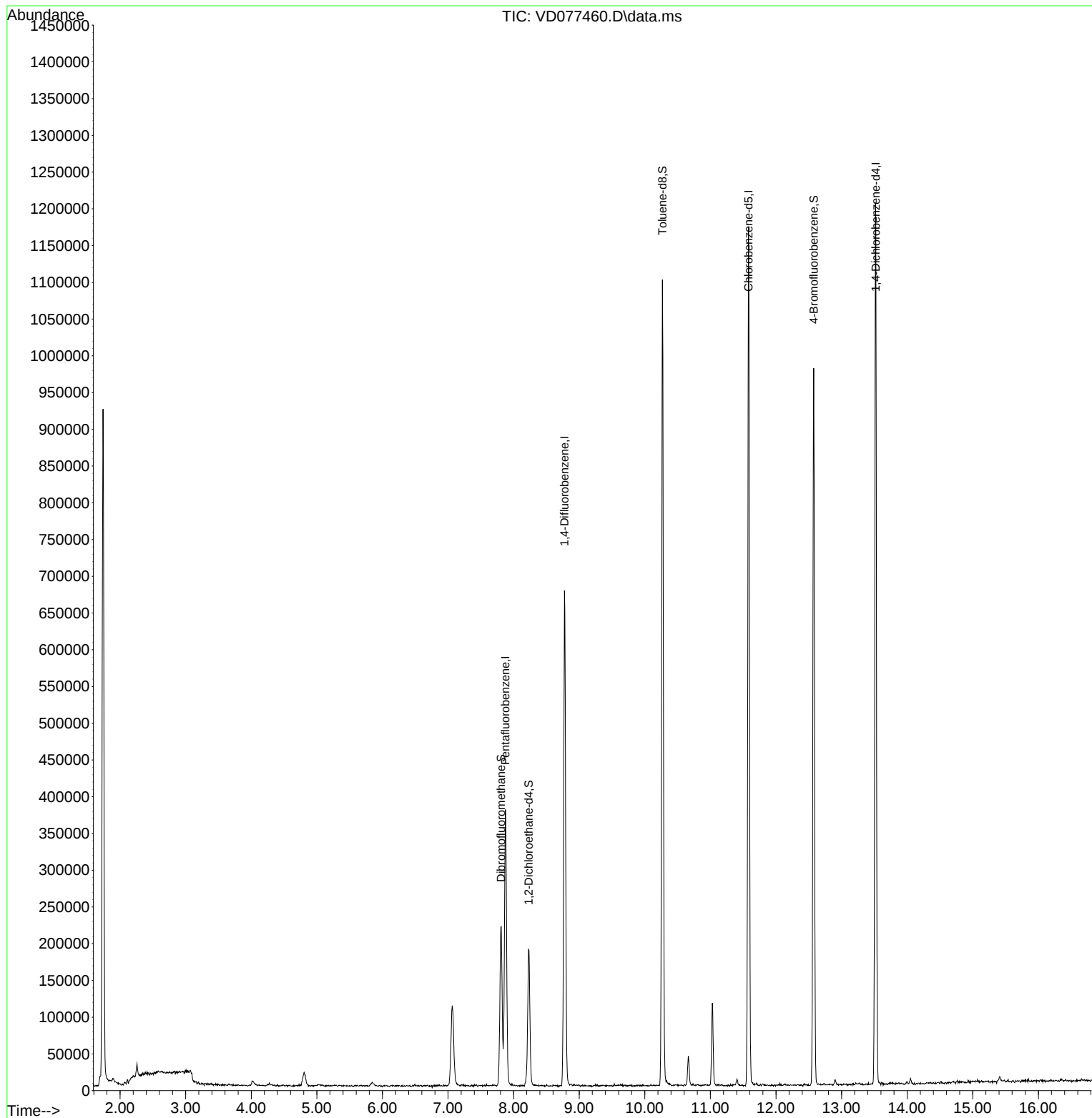
Target Compounds	Qvalue

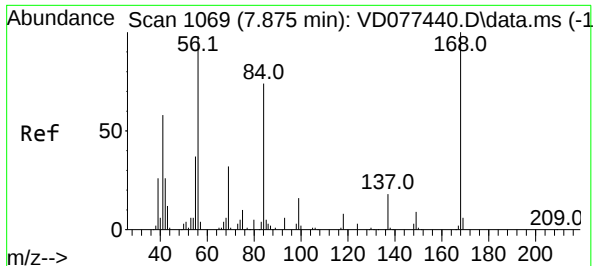
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103123\
Data File : VD077460.D
Acq On : 31 Oct 2023 14:52
Operator : JC/SY
Sample : 05141-03
Misc : 5.04G/5.0ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PE-3

Quant Time: Nov 01 06:07:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 2023
Response via : Initial Calibration

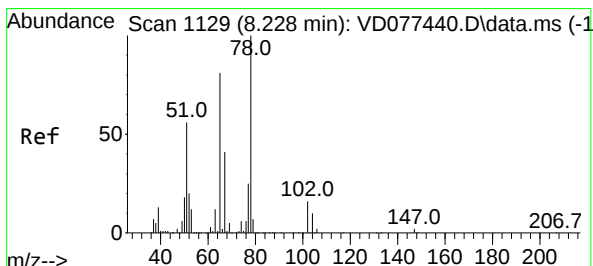
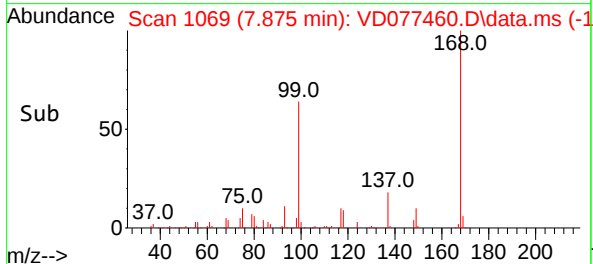
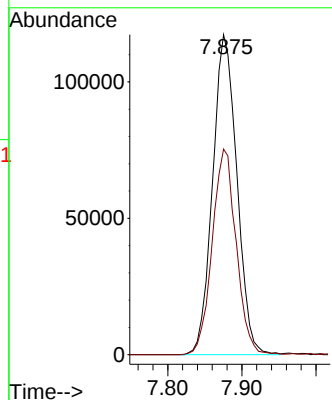
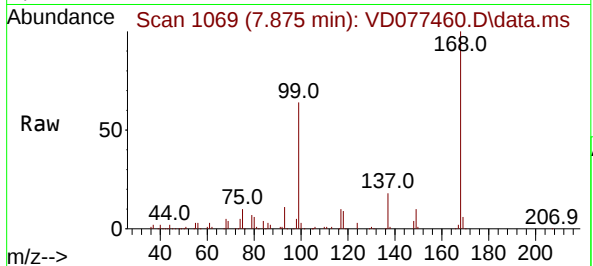




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077460.D
Acq: 31 Oct 2023 14:52

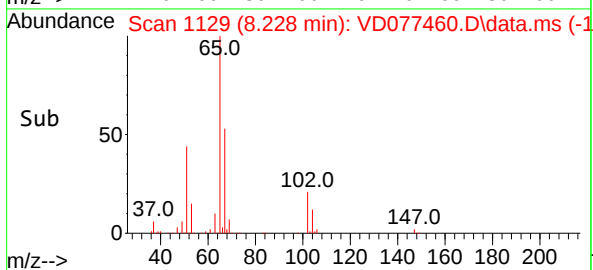
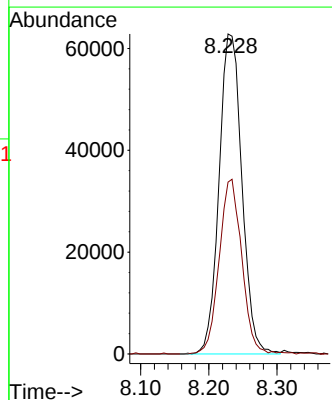
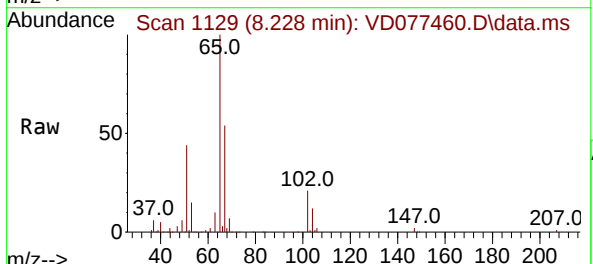
Instrument :
MSVOA_D
ClientSampleId :
PE-3

Tgt Ion:168 Resp: 266817
Ion Ratio Lower Upper
168 100
99 64.2 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 38.890 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077460.D
Acq: 31 Oct 2023 14:52

Tgt Ion: 65 Resp: 146730
Ion Ratio Lower Upper
65 100
67 54.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077460.D

Acq: 31 Oct 2023 14:52

Instrument :

MSVOA_D

ClientSampleId :

PE-3

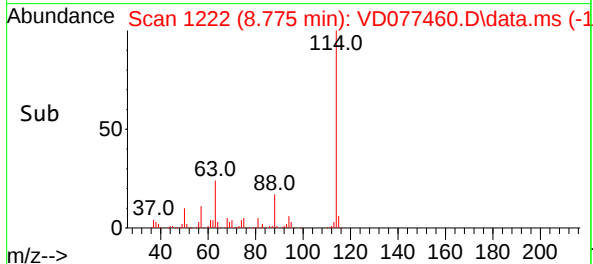
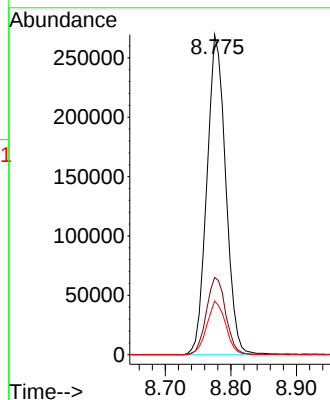
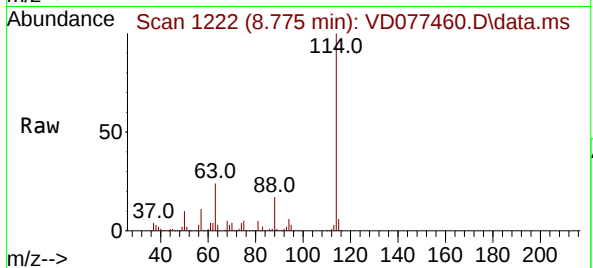
Tgt Ion:114 Resp: 537858

Ion Ratio Lower Upper

114 100

63 24.2 0.0 33.4

88 16.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 43.198 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077460.D

Acq: 31 Oct 2023 14:52

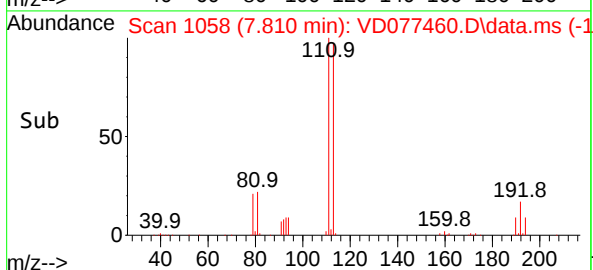
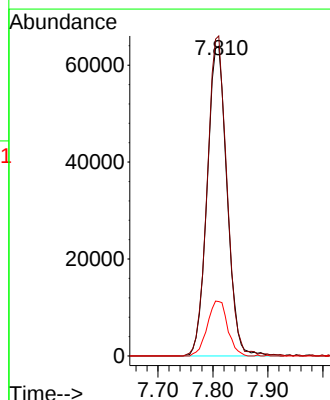
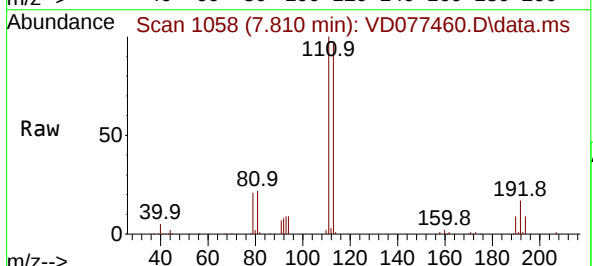
Tgt Ion:113 Resp: 160588

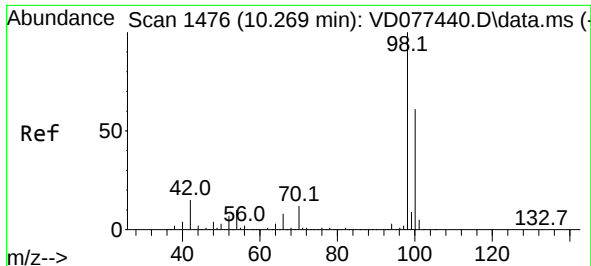
Ion Ratio Lower Upper

113 100

111 102.2 84.7 127.1

192 18.1 16.8 25.2

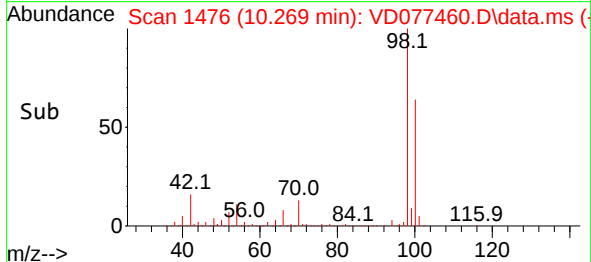
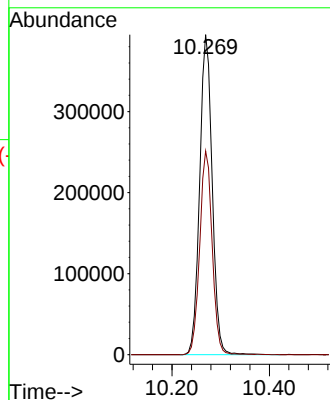
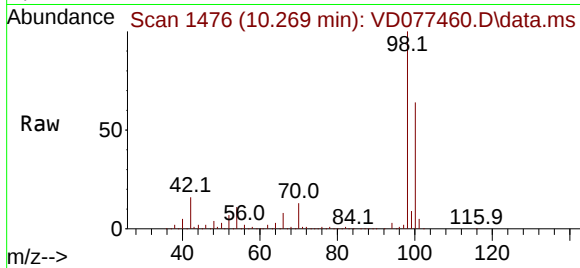




#50
Toluene-d8
Concen: 48.860 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077460.D
Acq: 31 Oct 2023 14:52

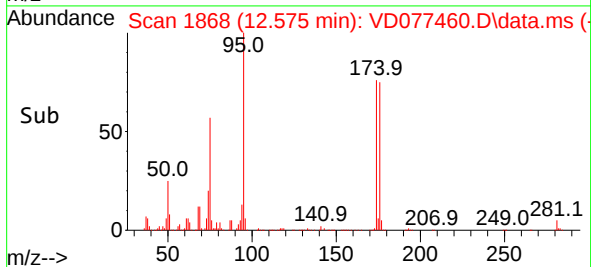
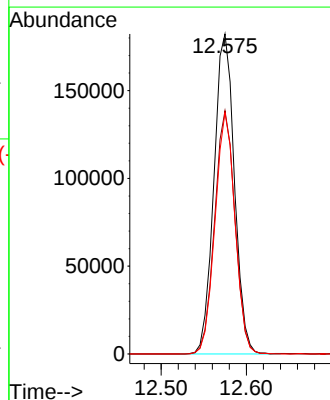
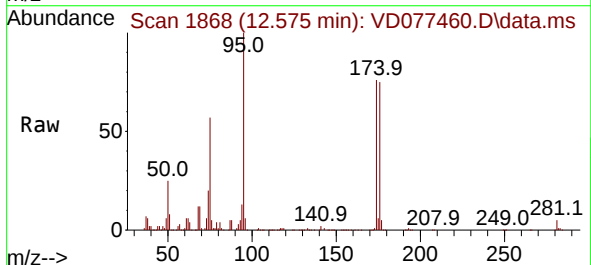
Instrument :
MSVOA_D
ClientSampleId :
PE-3

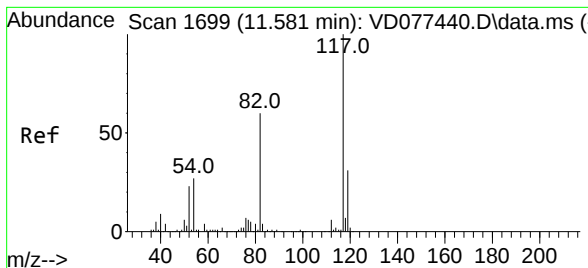
Tgt Ion: 98 Resp: 705525
Ion Ratio Lower Upper
98 100
100 63.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 62.524 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077460.D
Acq: 31 Oct 2023 14:52

Tgt Ion: 95 Resp: 304076
Ion Ratio Lower Upper
95 100
174 75.6 0.0 201.8
176 73.6 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077460.D

Acq: 31 Oct 2023 14:52

Instrument :

MSVOA_D

ClientSampleId :

PE-3

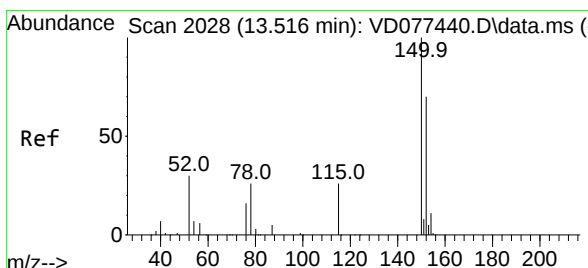
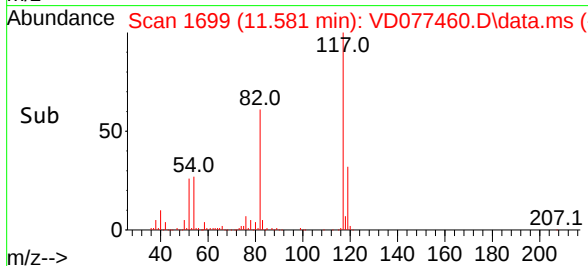
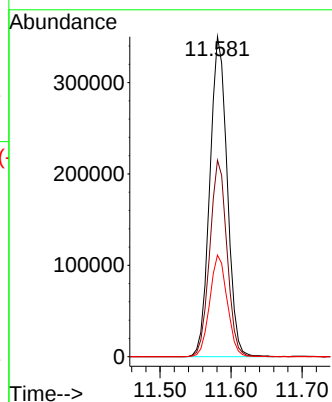
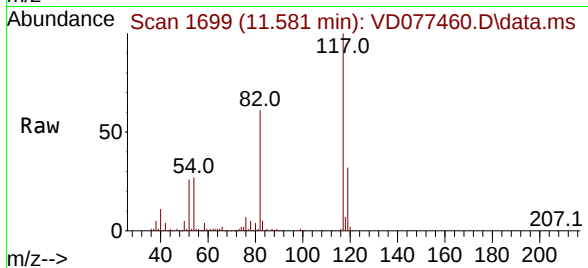
Tgt Ion:117 Resp: 593448

Ion Ratio Lower Upper

117 100

82 61.4 38.3 57.5#

119 31.8 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD077460.D

Acq: 31 Oct 2023 14:52

Tgt Ion:152 Resp: 298984

Ion Ratio Lower Upper

152 100

115 61.2 27.1 81.3

150 157.8 0.0 353.6

