

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110223\
 Data File : VD077490.D
 Acq On : 02 Nov 2023 15:17
 Operator : JC/SY
 Sample : 05215-01
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 600566096

Quant Time: Nov 03 01:03:43 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	294223	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	601438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	529185	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	193739	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	199842	48.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.060%
35) Dibromofluoromethane	7.804	113	184748	44.444	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.880%
50) Toluene-d8	10.269	98	777436	48.149	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.300%
62) 4-Bromofluorobenzene	12.575	95	227445	41.823	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.640%

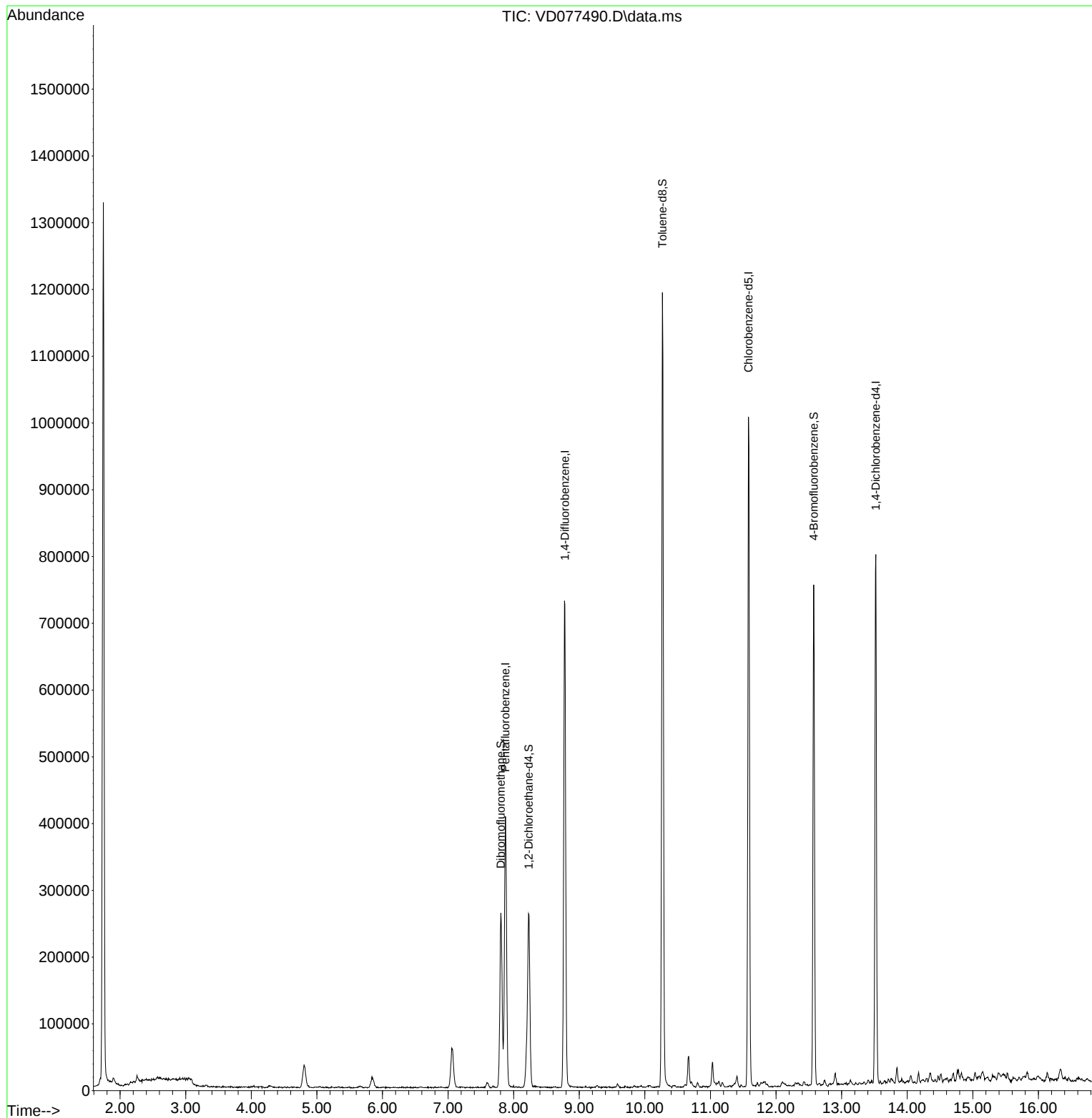
Target Compounds	Qvalue

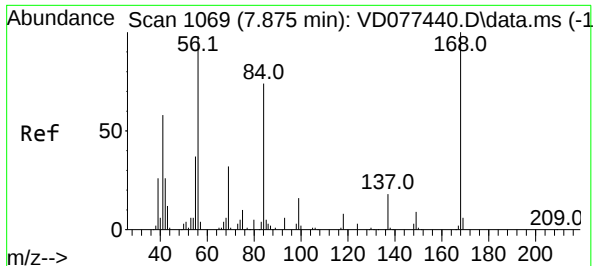
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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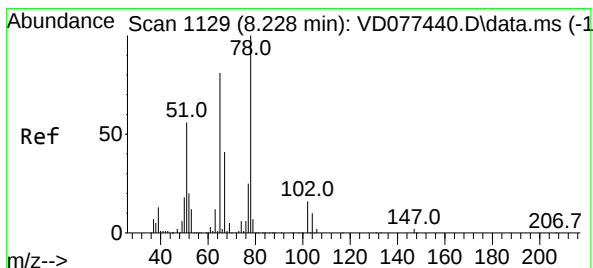
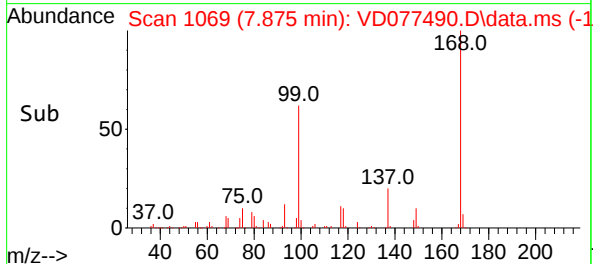
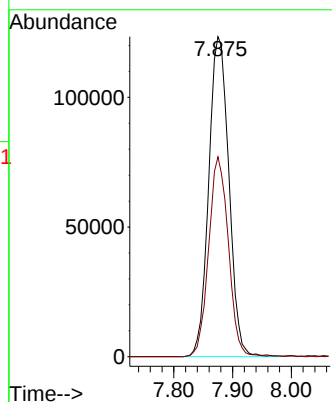
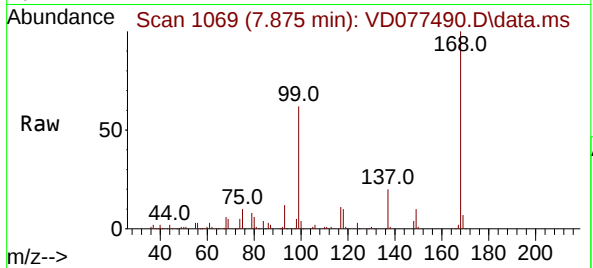




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077490.D
Acq: 02 Nov 2023 15:17

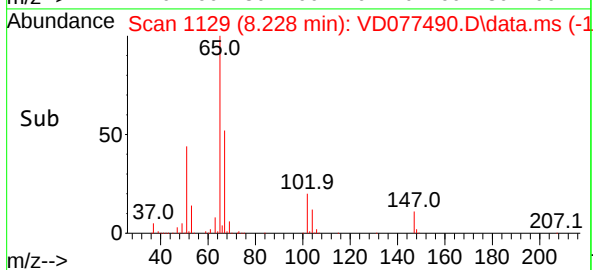
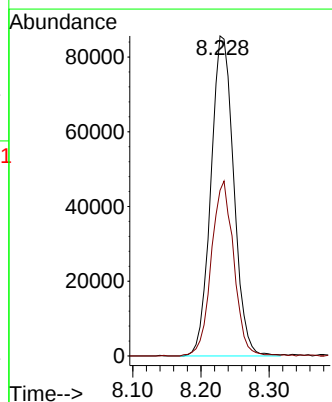
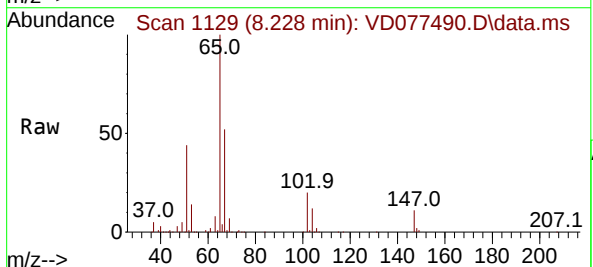
Instrument :
MSVOA_D
ClientSampleId :
600566096

Tgt Ion:168 Resp: 294223
Ion Ratio Lower Upper
168 100
99 62.5 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 48.034 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077490.D
Acq: 02 Nov 2023 15:17

Tgt Ion: 65 Resp: 199842
Ion Ratio Lower Upper
65 100
67 53.8 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077490.D

Acq: 02 Nov 2023 15:17

Instrument :

MSVOA_D

ClientSampleId :

600566096

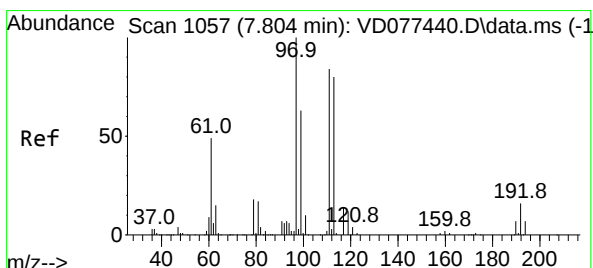
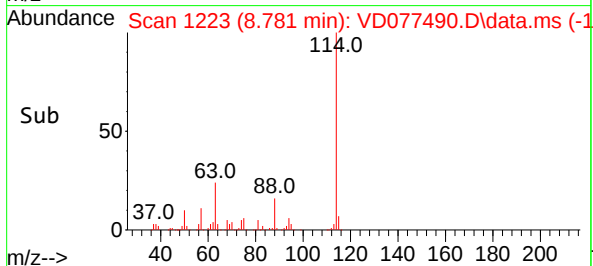
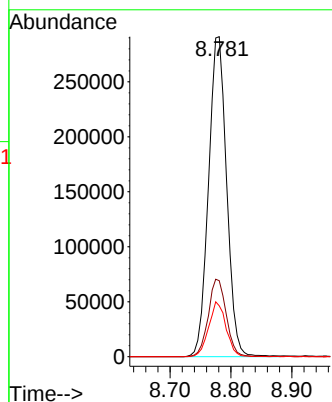
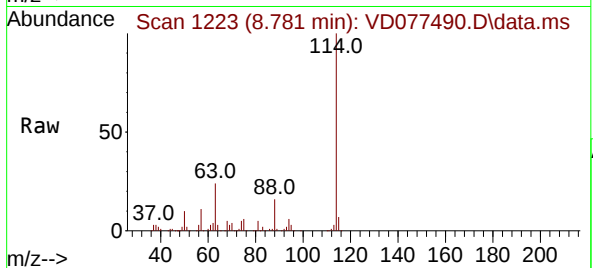
Tgt Ion:114 Resp: 601438

Ion Ratio Lower Upper

114 100

63 23.7 0.0 33.4

88 15.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 44.444 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077490.D

Acq: 02 Nov 2023 15:17

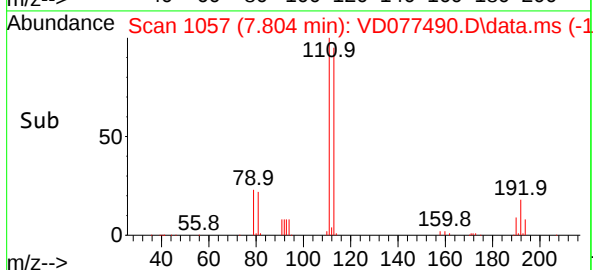
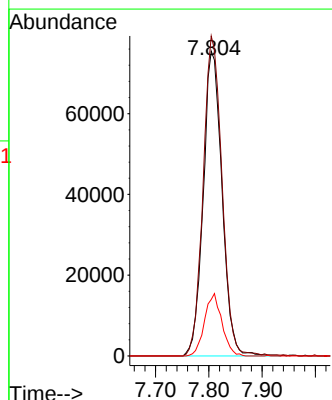
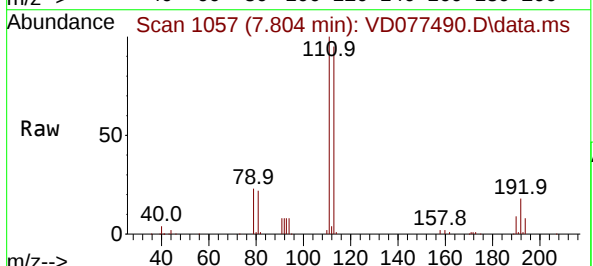
Tgt Ion:113 Resp: 184748

Ion Ratio Lower Upper

113 100

111 105.5 84.7 127.1

192 18.9 16.8 25.2

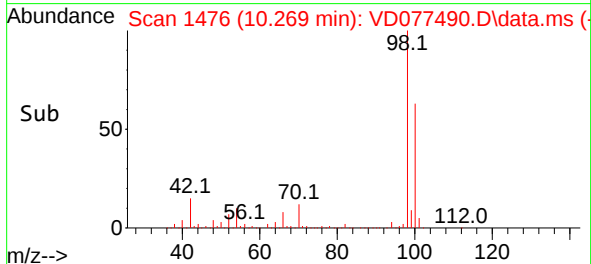
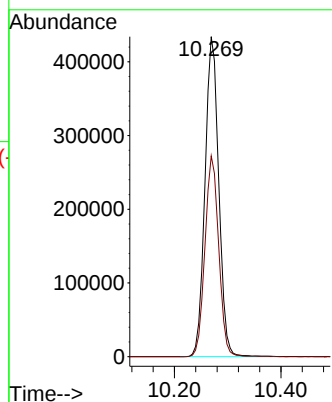
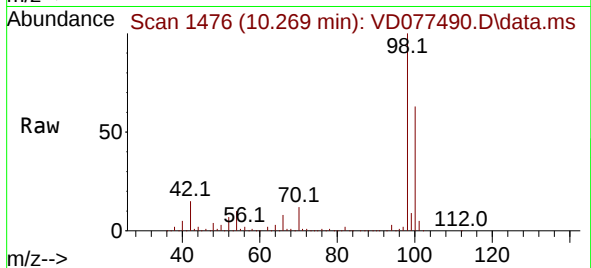




#50
Toluene-d8
Concen: 48.149 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077490.D
Acq: 02 Nov 2023 15:17

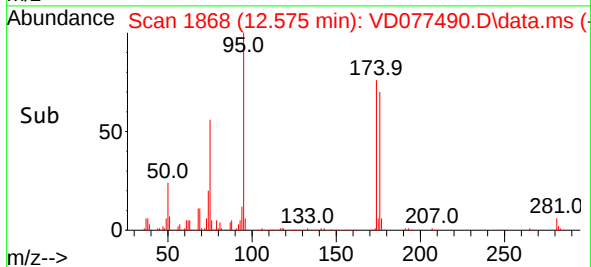
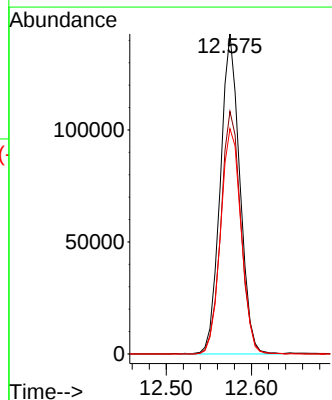
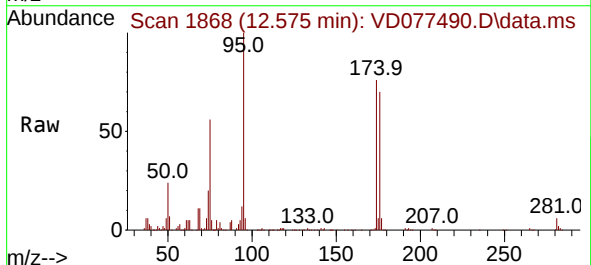
Instrument :
MSVOA_D
ClientSampleId :
600566096

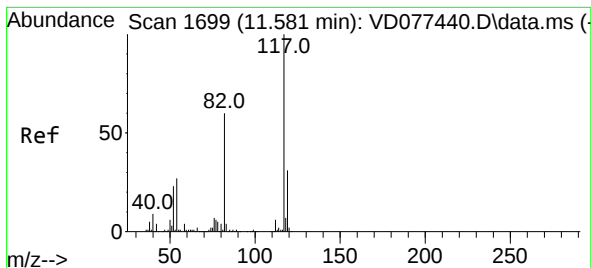
Tgt Ion: 98 Resp: 777436
Ion Ratio Lower Upper
98 100
100 62.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 41.823 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077490.D
Acq: 02 Nov 2023 15:17

Tgt Ion: 95 Resp: 227445
Ion Ratio Lower Upper
95 100
174 77.4 0.0 201.8
176 74.0 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: VD077490.D

Acq: 02 Nov 2023 15:17

Instrument :

MSVOA_D

ClientSampleId :

600566096

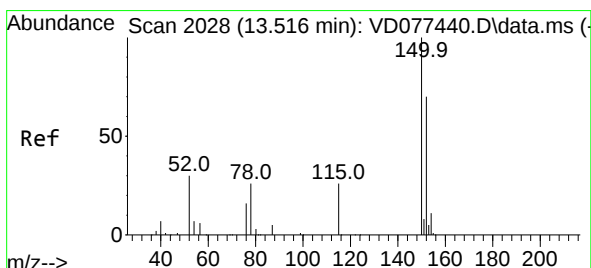
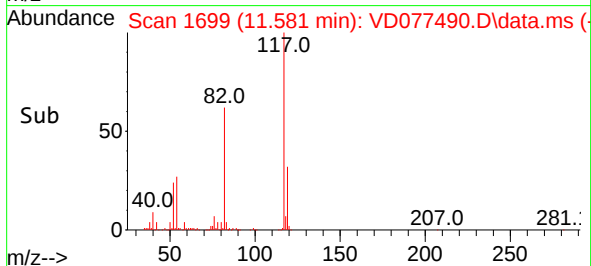
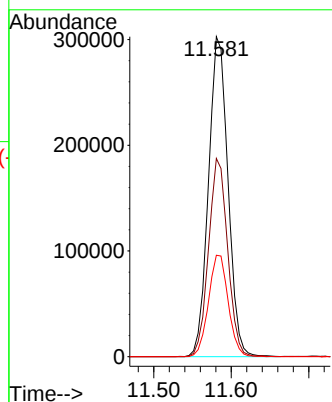
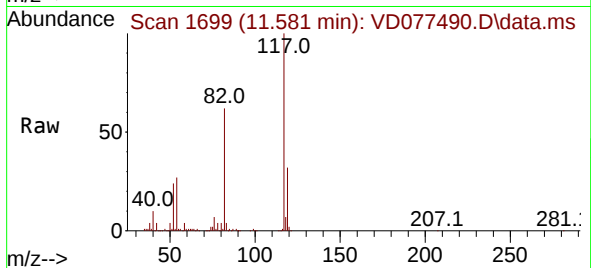
Tgt Ion:117 Resp: 529185

Ion Ratio Lower Upper

117 100

82 61.9 38.3 57.5#

119 31.7 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: VD077490.D

Acq: 02 Nov 2023 15:17

Tgt Ion:152 Resp: 193739

Ion Ratio Lower Upper

152 100

115 61.8 27.1 81.3

150 157.5 0.0 353.6

