

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077825.D
 Acq On : 11 Dec 2023 21:31
 Operator : JC/SY
 Sample : 05692-01
 Misc : 5.17G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-12072023

Quant Time: Dec 12 00:53:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	50298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	117173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	124110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	59042	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	47581	80.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	160.560%
35) Dibromofluoromethane	7.804	113	44170	53.816	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.640%
50) Toluene-d8	10.269	98	157439	47.894	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.575	95	48782	49.636	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.280%

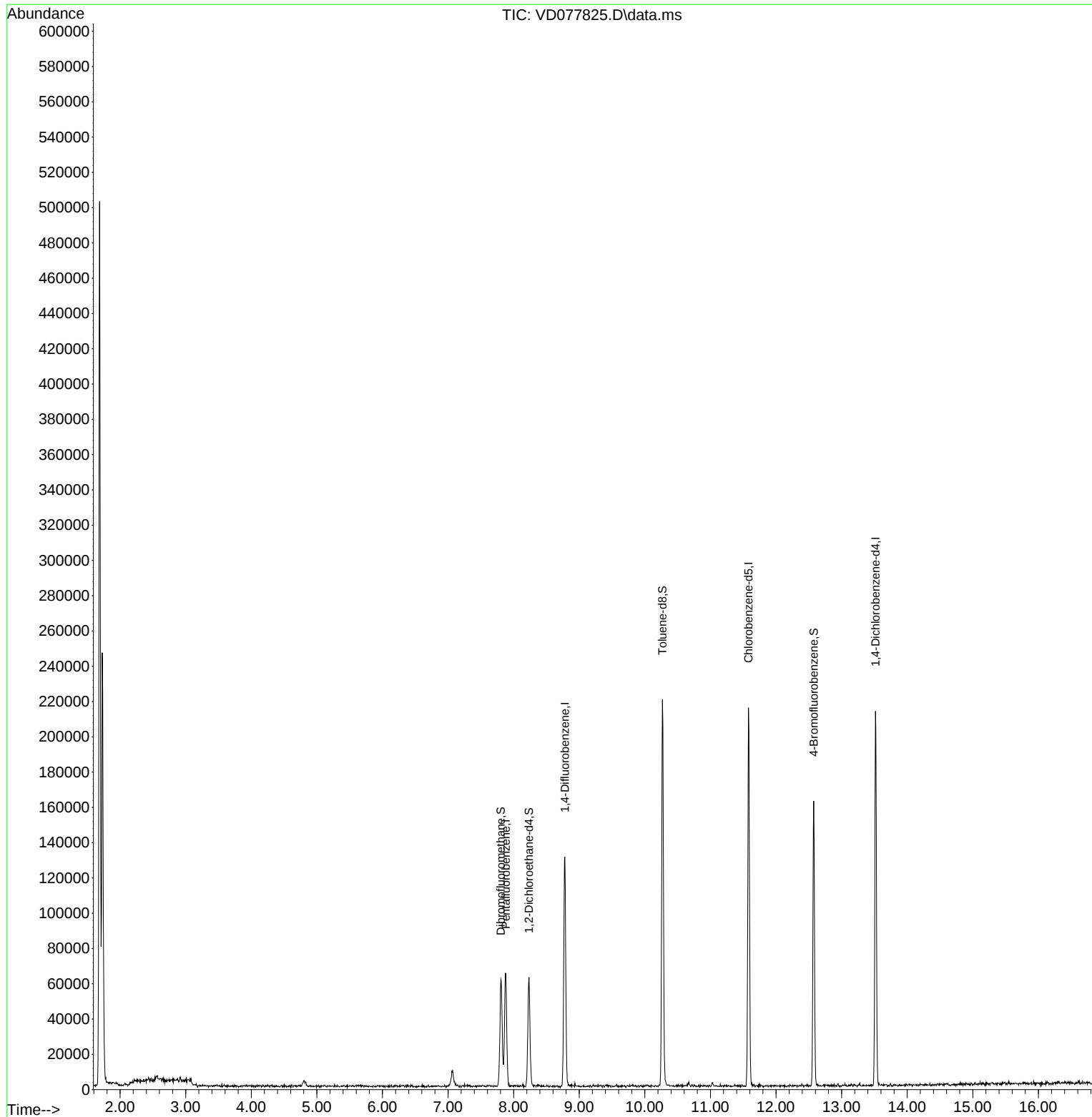
Target Compounds	Qvalue

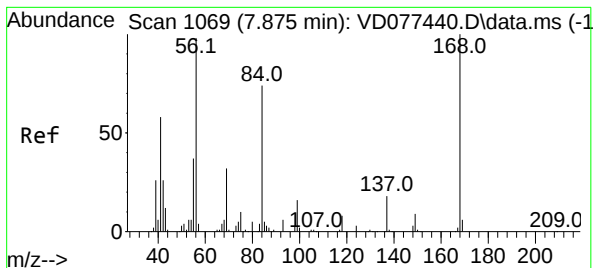
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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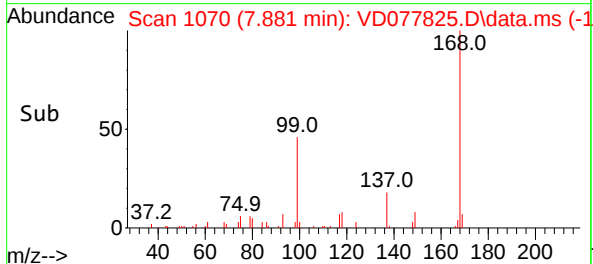
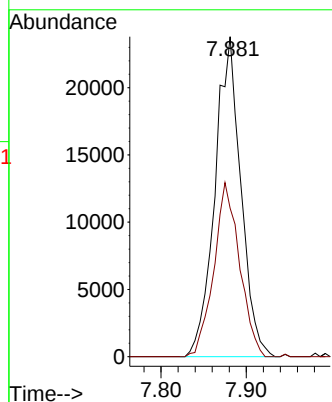
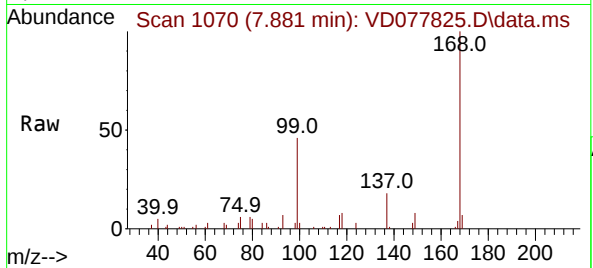




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD077825.D
Acq: 11 Dec 2023 21:31

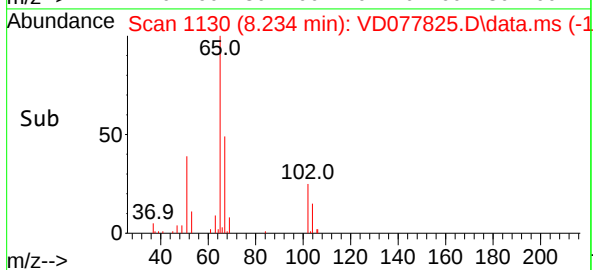
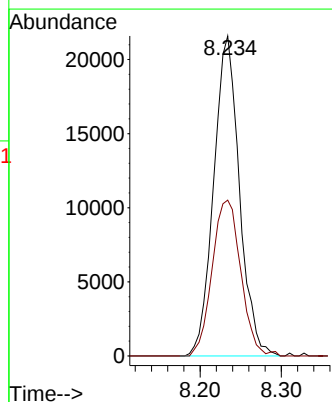
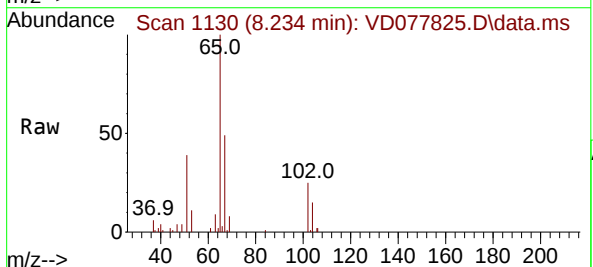
Instrument :
MSVOA_D
ClientSampleId :
EO-03-12072023

Tgt Ion:168 Resp: 50298
Ion Ratio Lower Upper
168 100
99 46.4 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 80.280 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077825.D
Acq: 11 Dec 2023 21:31

Tgt Ion: 65 Resp: 47581
Ion Ratio Lower Upper
65 100
67 54.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077825.D

Acq: 11 Dec 2023 21:31

Instrument :

MSVOA_D

ClientSampleId :

EO-03-12072023

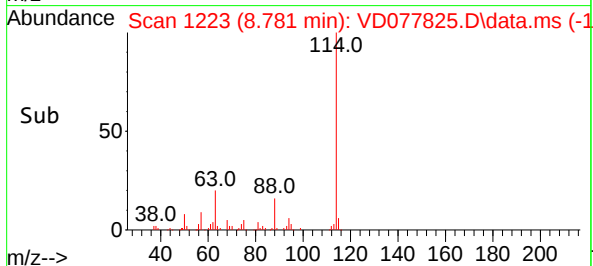
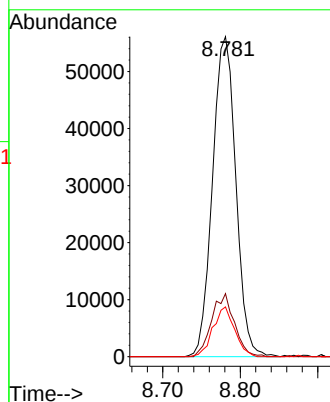
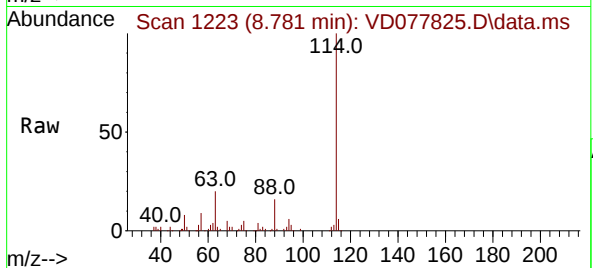
Tgt Ion:114 Resp: 117173

Ion Ratio Lower Upper

114 100

63 19.7 0.0 33.4

88 15.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 53.816 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077825.D

Acq: 11 Dec 2023 21:31

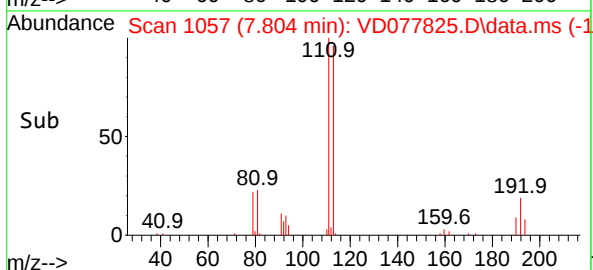
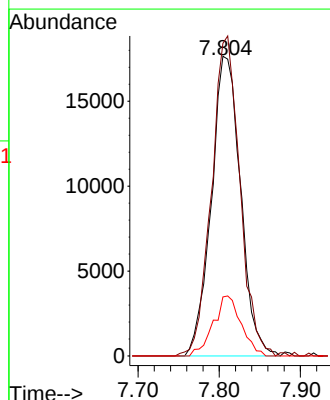
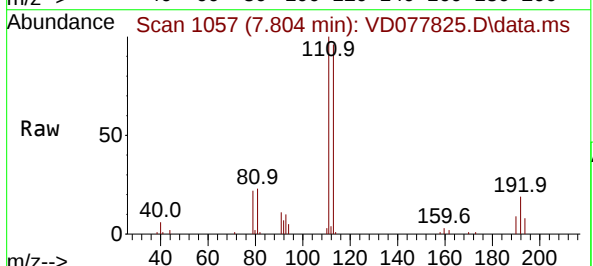
Tgt Ion:113 Resp: 44170

Ion Ratio Lower Upper

113 100

111 103.5 84.7 127.1

192 19.1 16.8 25.2

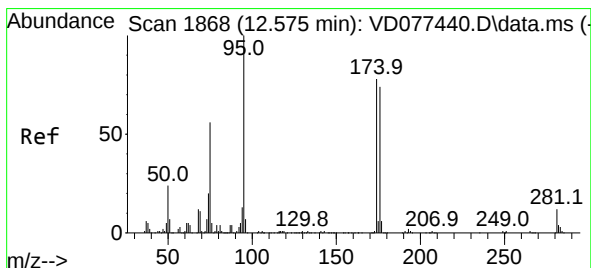
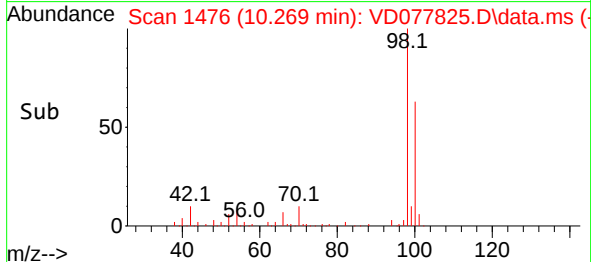
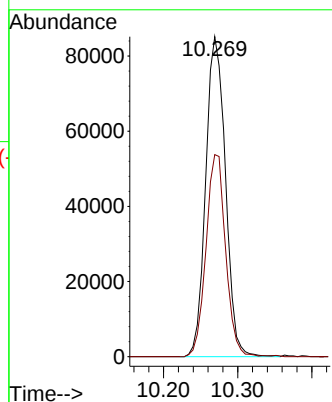
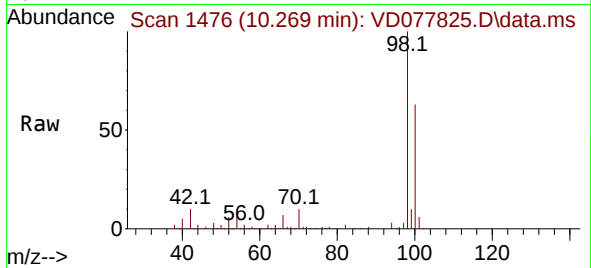




#50
Toluene-d8
Concen: 47.894 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077825.D
Acq: 11 Dec 2023 21:31

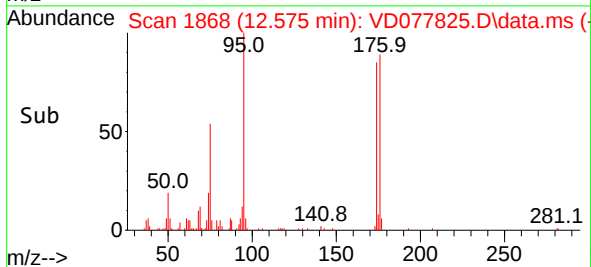
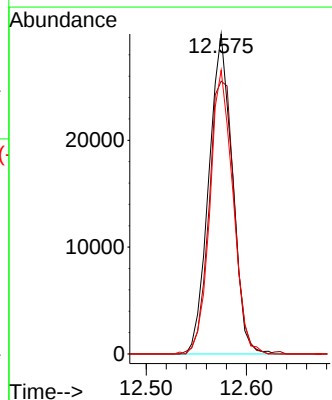
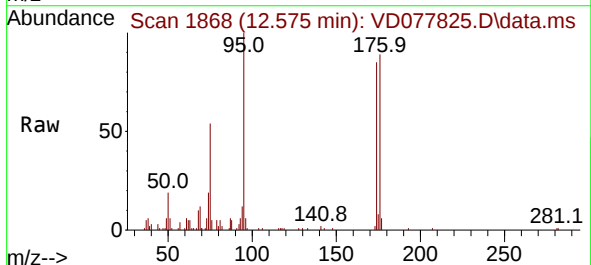
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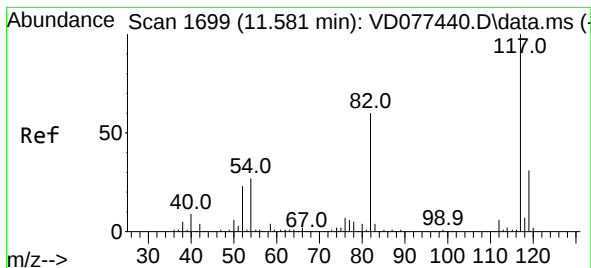
Tgt Ion: 98 Resp: 157439
Ion Ratio Lower Upper
98 100
100 62.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 49.636 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077825.D
Acq: 11 Dec 2023 21:31

Tgt Ion: 95 Resp: 48782
Ion Ratio Lower Upper
95 100
174 91.7 0.0 201.8
176 86.6 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: VD077825.D

Acq: 11 Dec 2023 21:31

Instrument :

MSVOA_D

ClientSampleId :

EO-03-12072023

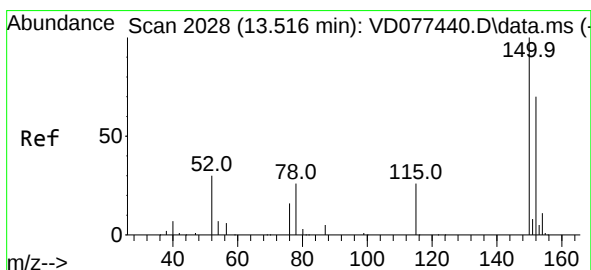
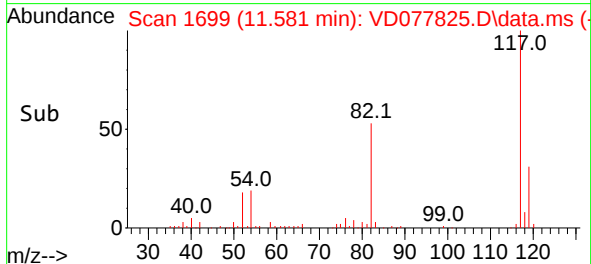
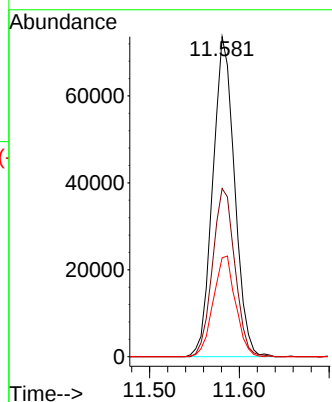
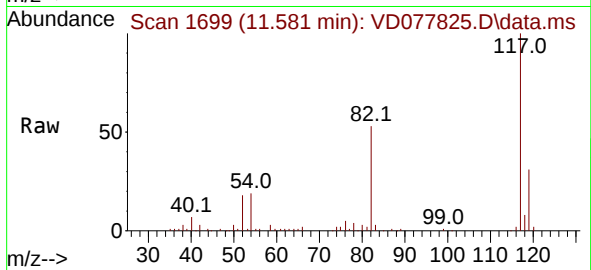
Tgt Ion:117 Resp: 124110

Ion Ratio Lower Upper

117 100

82 52.6 38.3 57.5

119 30.9 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD077825.D

Acq: 11 Dec 2023 21:31

Tgt Ion:152 Resp: 59042

Ion Ratio Lower Upper

152 100

115 54.5 27.1 81.3

150 155.2 0.0 353.6

