

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077908.D
 Acq On : 15 Dec 2023 17:18
 Operator : RP/MD
 Sample : 05759-03
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-06-121323

Quant Time: Dec 16 04:04:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	182106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	327681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	310501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	129940	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84322	39.295	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.600%
35) Dibromofluoromethane	7.805	113	100202	43.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.320%
50) Toluene-d8	10.269	98	426609	46.406	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.820%
62) 4-Bromofluorobenzene	12.575	95	114062	41.500	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.000%

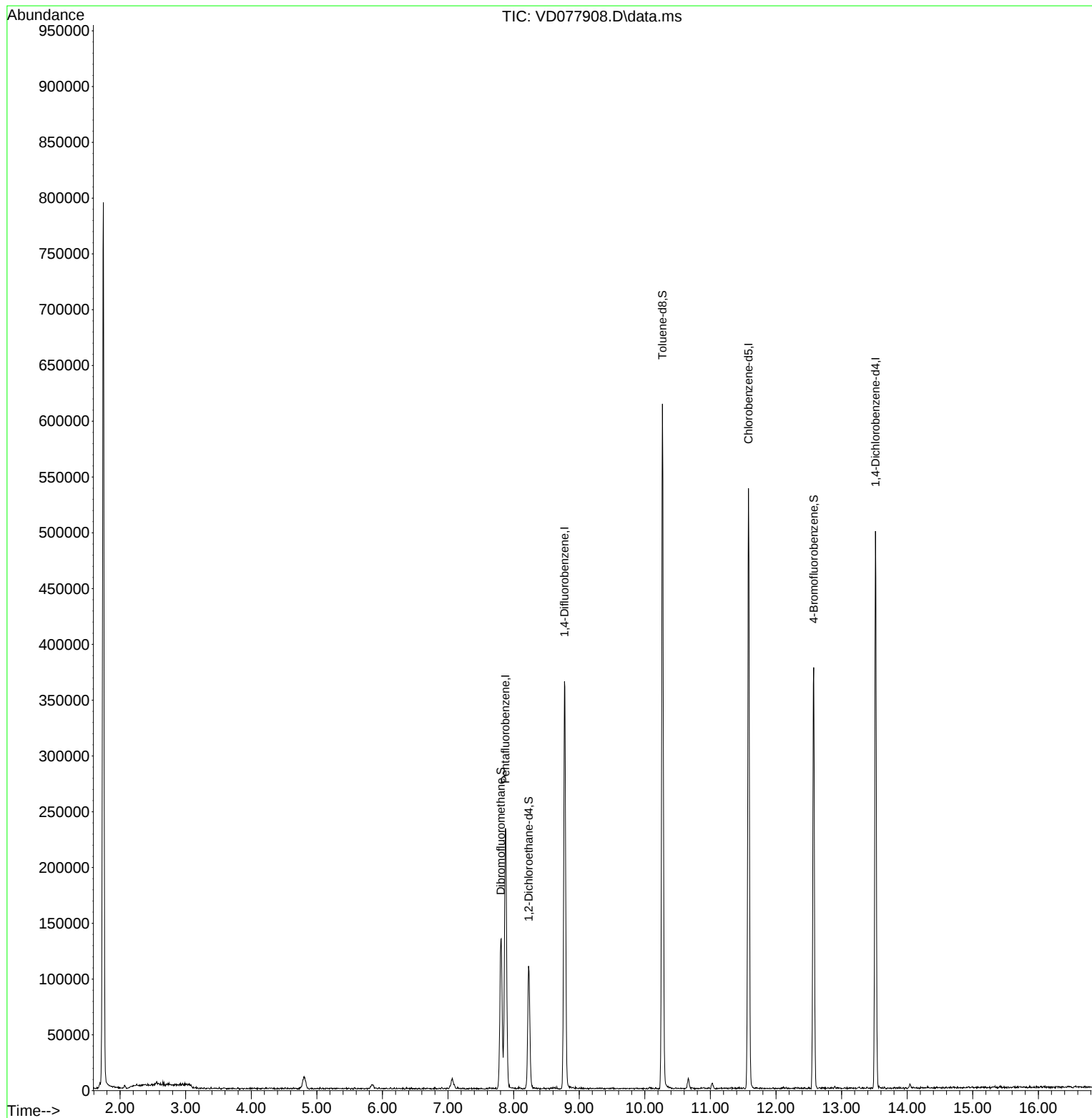
Target Compounds	Qvalue

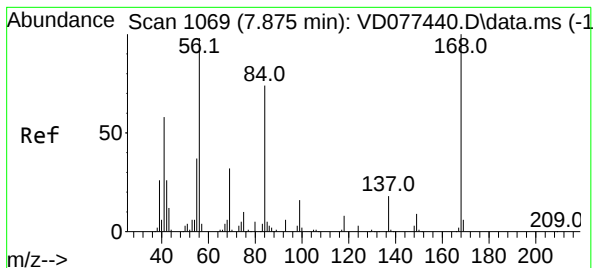
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD077908.D

Acq: 15 Dec 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

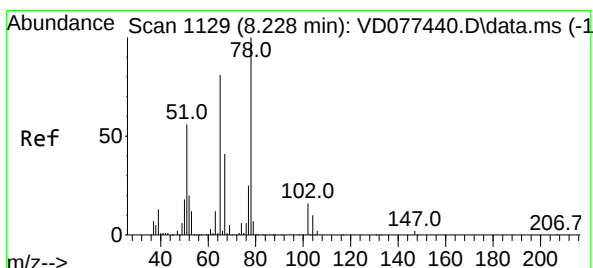
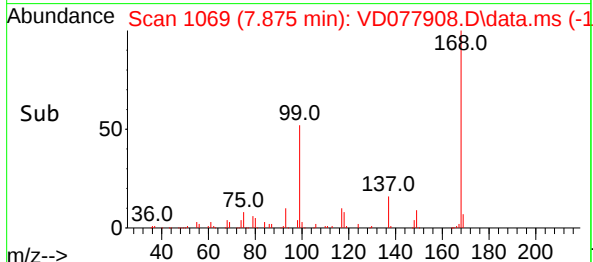
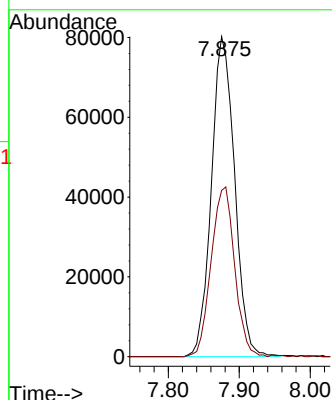
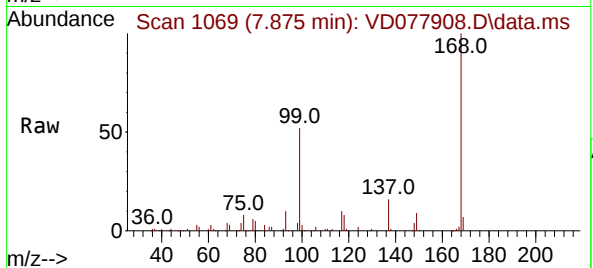
AU-06-121323

Tgt Ion:168 Resp: 182106

Ion Ratio Lower Upper

168 100

99 51.9 36.7 55.1



#33

1,2-Dichloroethane-d4

Concen: 39.295 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077908.D

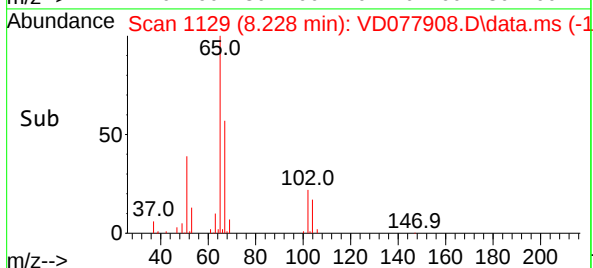
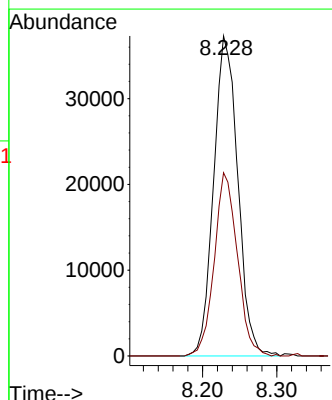
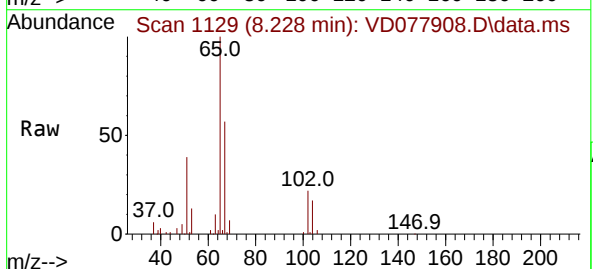
Acq: 15 Dec 2023 17:18

Tgt Ion: 65 Resp: 84322

Ion Ratio Lower Upper

65 100

67 55.1 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: VD077908.D

Acq: 15 Dec 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

AU-06-121323

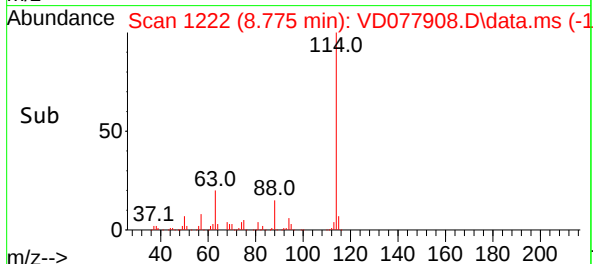
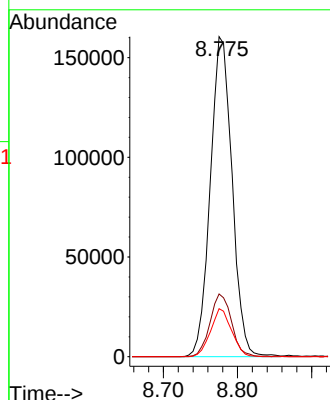
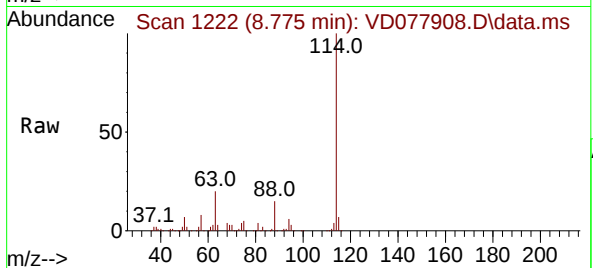
Tgt Ion:114 Resp: 327681

Ion Ratio Lower Upper

114 100

63 19.6 0.0 33.4

88 15.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 43.655 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD077908.D

Acq: 15 Dec 2023 17:18

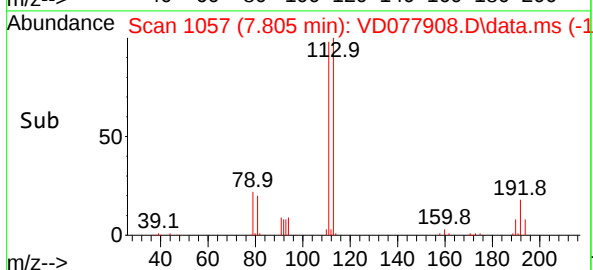
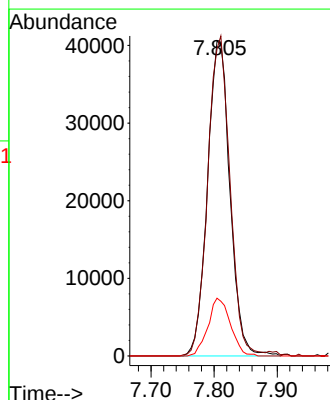
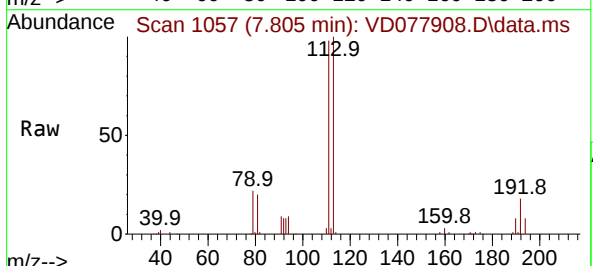
Tgt Ion:113 Resp: 100202

Ion Ratio Lower Upper

113 100

111 100.6 84.7 127.1

192 18.3 16.8 25.2

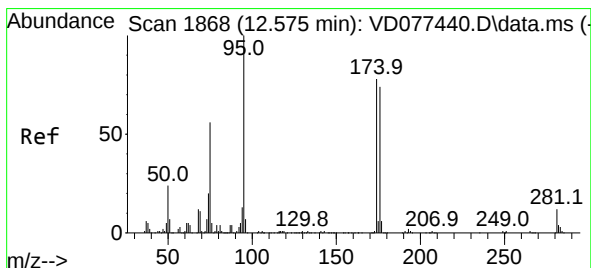
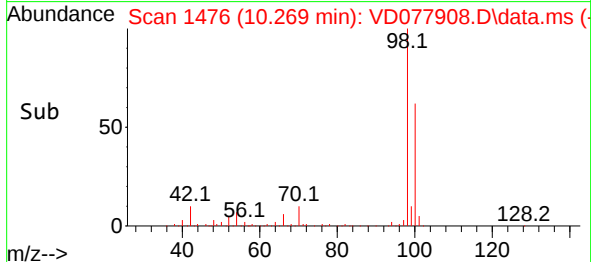
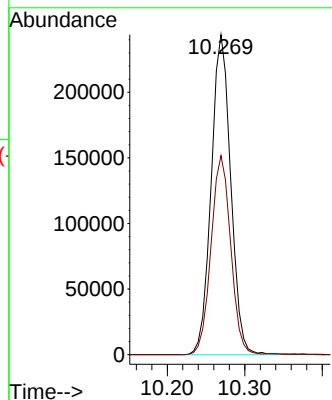
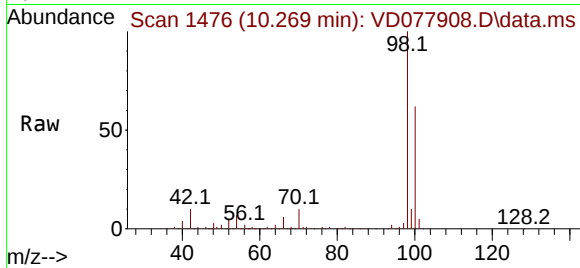




#50
Toluene-d8
Concen: 46.406 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077908.D
Acq: 15 Dec 2023 17:18

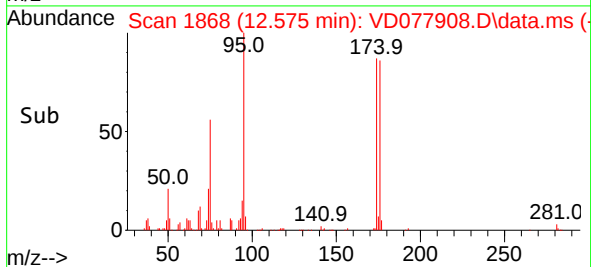
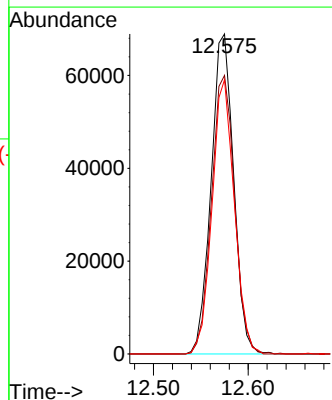
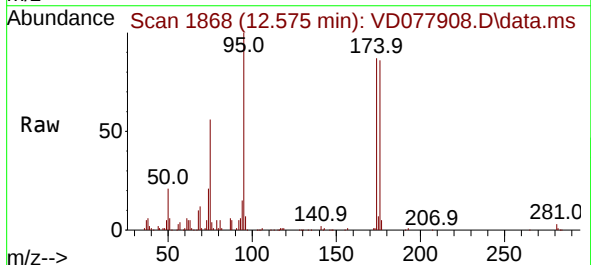
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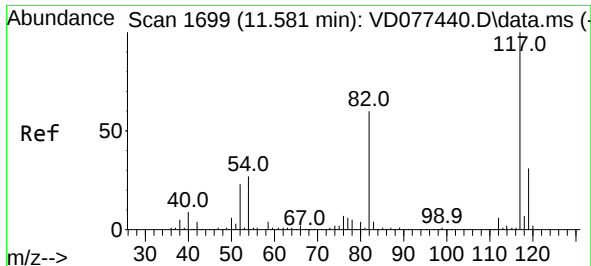
Tgt Ion: 98 Resp: 426609
Ion Ratio Lower Upper
98 100
100 62.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 41.500 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077908.D
Acq: 15 Dec 2023 17:18

Tgt Ion: 95 Resp: 114062
Ion Ratio Lower Upper
95 100
174 89.1 0.0 201.8
176 84.6 0.0 191.8

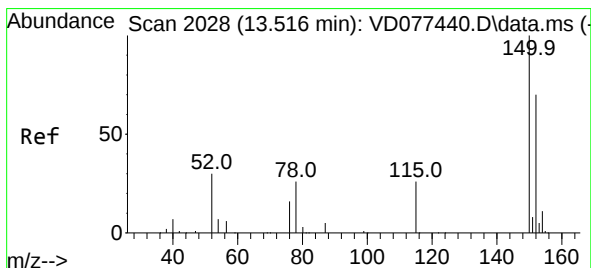
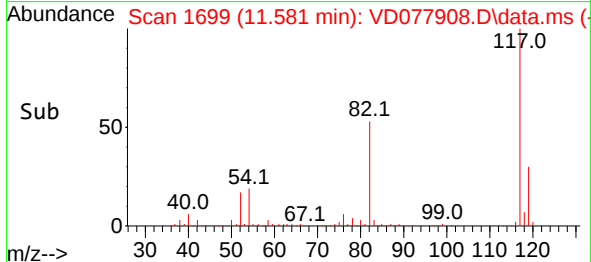
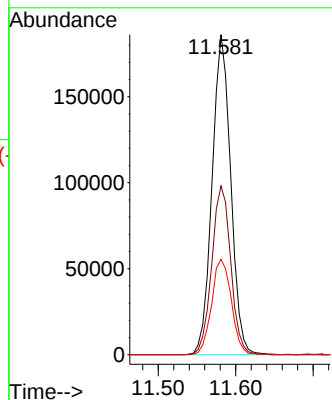
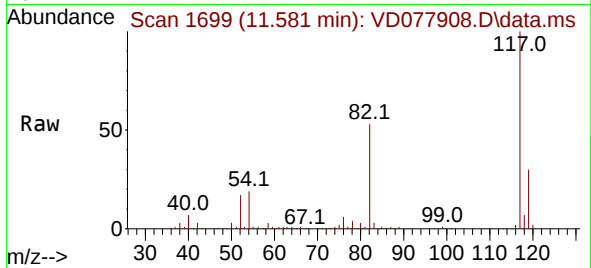




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077908.D
Acq: 15 Dec 2023 17:18

Instrument :
MSVOA_D
ClientSampleId :
AU-06-121323

Tgt Ion:117 Resp: 310501
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 29.8 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: VD077908.D
Acq: 15 Dec 2023 17:18

Tgt Ion:152 Resp: 129940
Ion Ratio Lower Upper
152 100
115 56.6 27.1 81.3
150 158.4 0.0 353.6

