

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD077985.D
 Acq On : 20 Dec 2023 10:14
 Operator : RP/MD
 Sample : VD1220SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1220SBL01

Quant Time: Dec 21 05:20:28 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	7.881	168	182528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	336368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	326975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	146044	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	92718	43.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.220%
35) Dibromofluoromethane	7.810	113	103889	44.093	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.180%
50) Toluene-d8	10.269	98	433170	45.903	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.800%
62) 4-Bromofluorobenzene	12.575	95	126811	44.947	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.900%

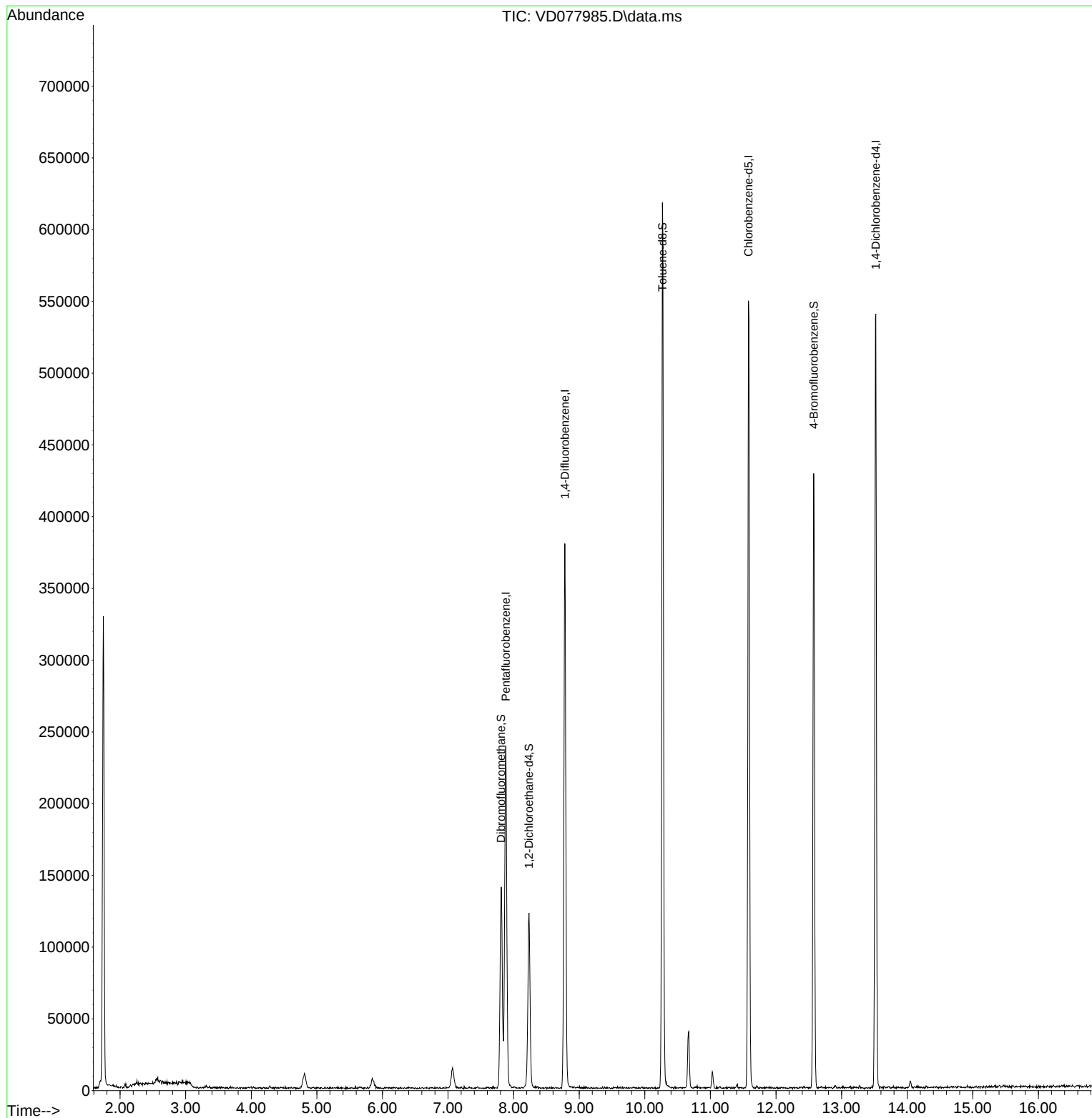
Target Compounds	Qvalue

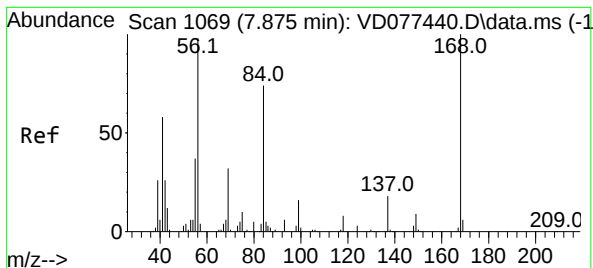
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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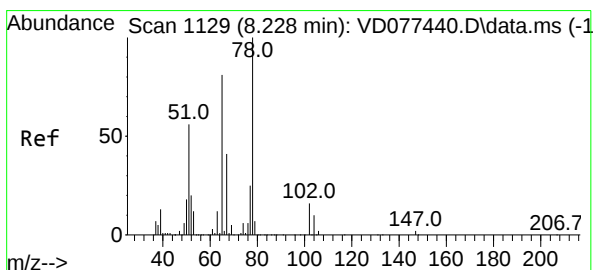
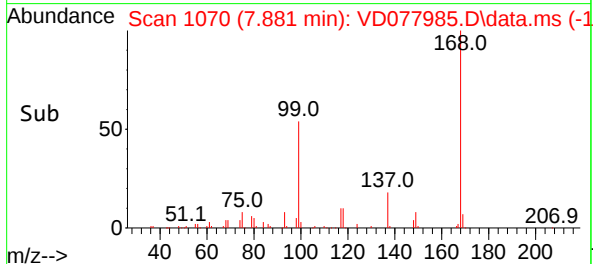
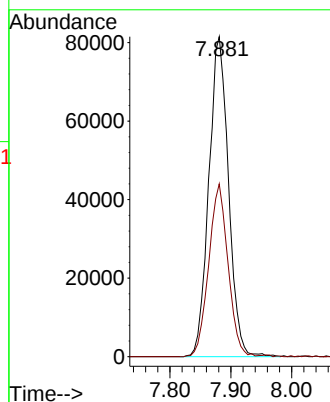
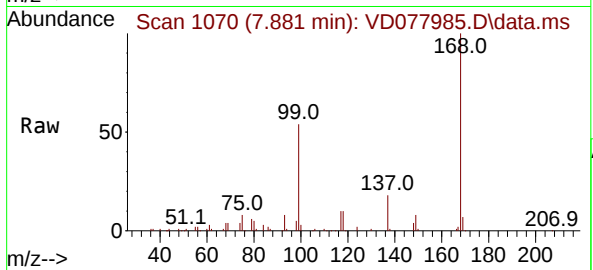




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD077985.D
Acq: 20 Dec 2023 10:14

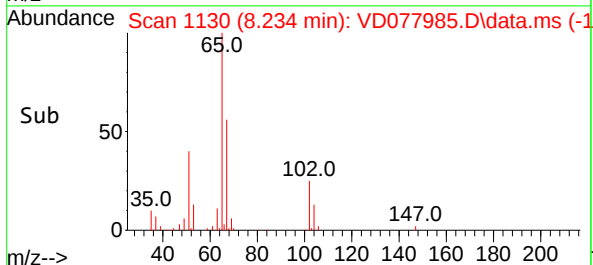
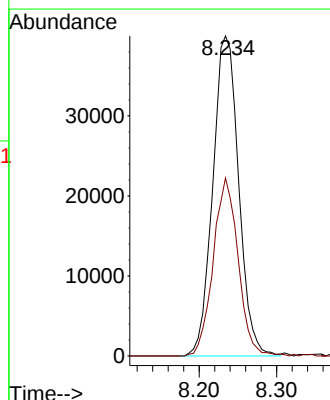
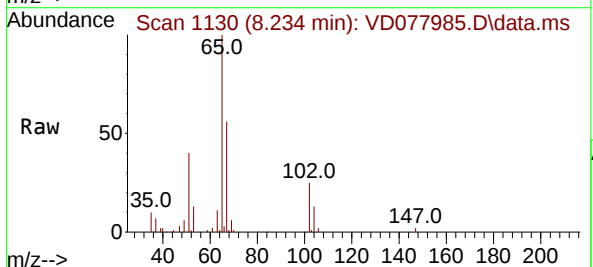
Instrument :
MSVOA_D
ClientSampleId :
VD1220SBL01

Tgt Ion:168 Resp: 182528
Ion Ratio Lower Upper
168 100
99 54.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 43.108 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077985.D
Acq: 20 Dec 2023 10:14

Tgt Ion: 65 Resp: 92718
Ion Ratio Lower Upper
65 100
67 53.5 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: VD077985.D

Acq: 20 Dec 2023 10:14

Instrument :

MSVOA_D

ClientSampleId :

VD1220SBL01

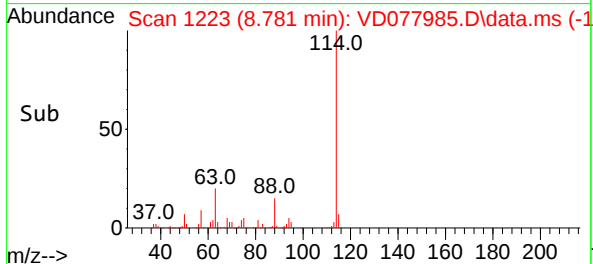
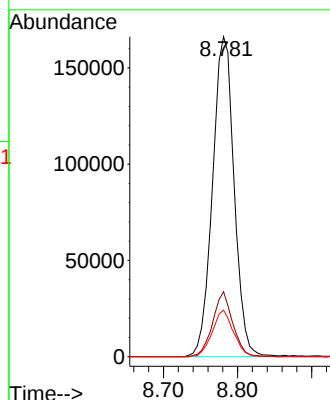
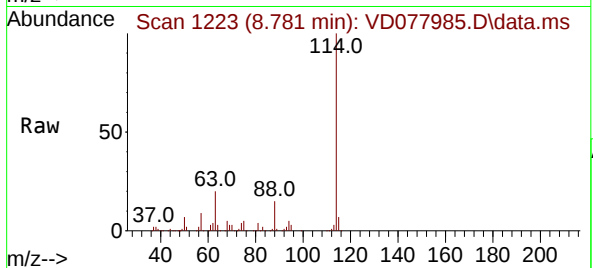
Tgt Ion:114 Resp: 336368

Ion Ratio Lower Upper

114 100

63 20.3 0.0 33.4

88 14.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 44.093 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077985.D

Acq: 20 Dec 2023 10:14

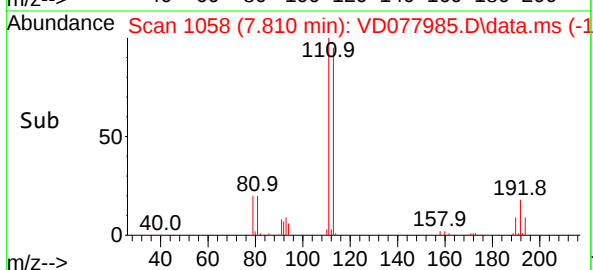
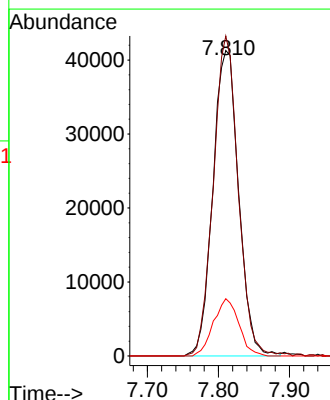
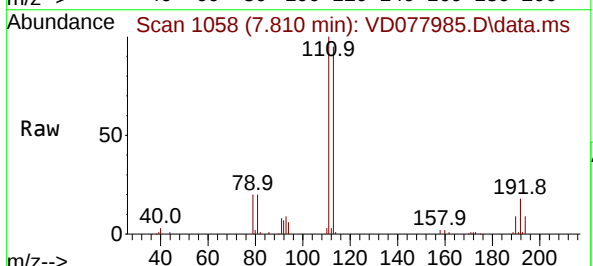
Tgt Ion:113 Resp: 103889

Ion Ratio Lower Upper

113 100

111 101.0 84.7 127.1

192 18.5 16.8 25.2

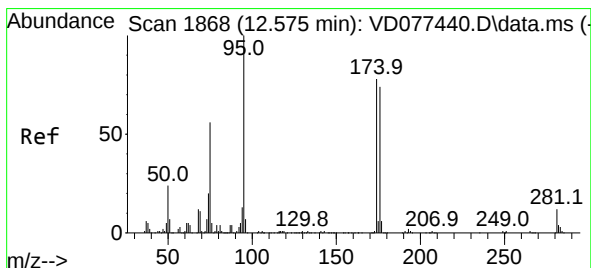
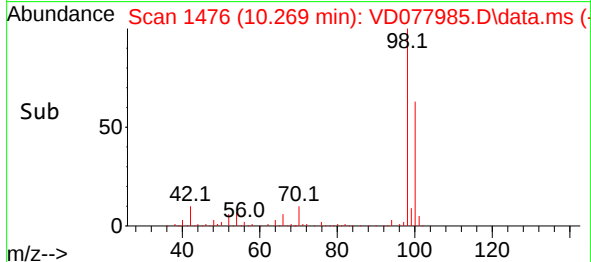
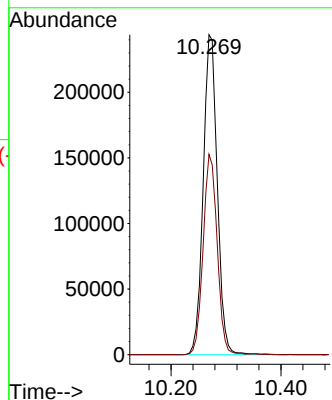
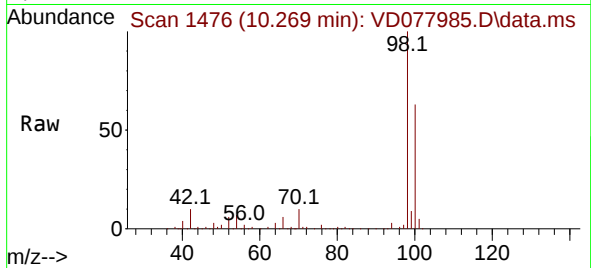




#50
Toluene-d8
Concen: 45.903 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077985.D
Acq: 20 Dec 2023 10:14

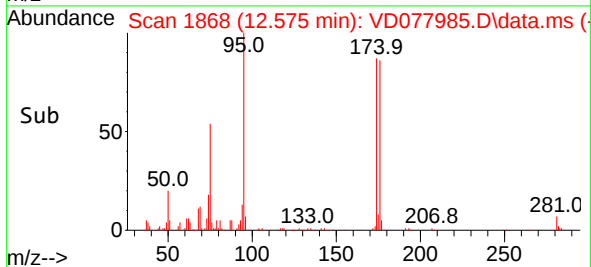
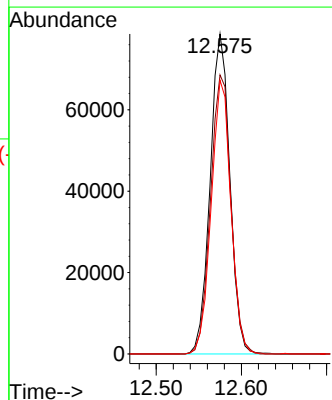
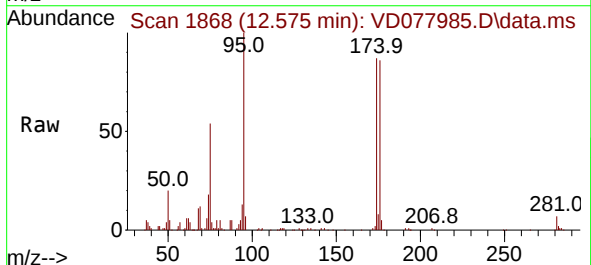
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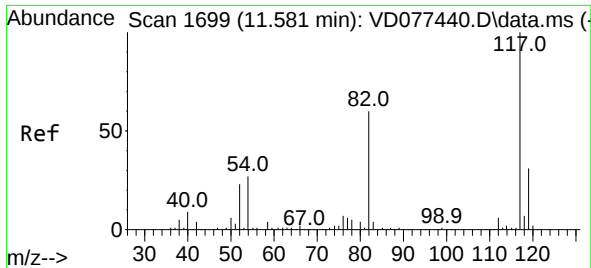
Tgt Ion: 98 Resp: 433170
Ion Ratio Lower Upper
98 100
100 62.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.947 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077985.D
Acq: 20 Dec 2023 10:14

Tgt Ion: 95 Resp: 126811
Ion Ratio Lower Upper
95 100
174 90.3 0.0 201.8
176 85.2 0.0 191.8

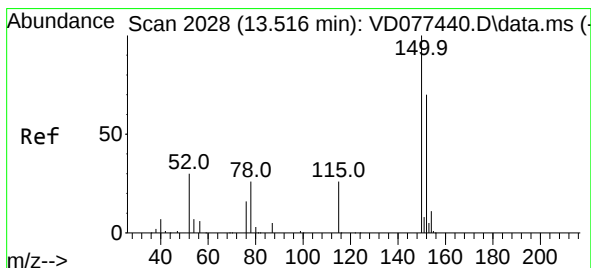
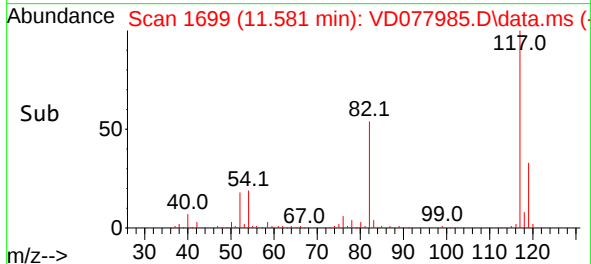
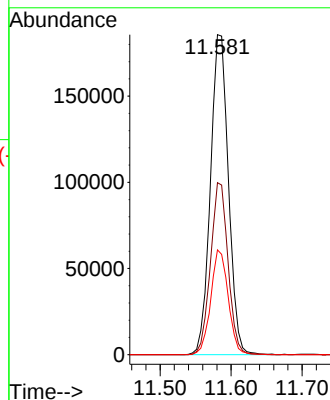
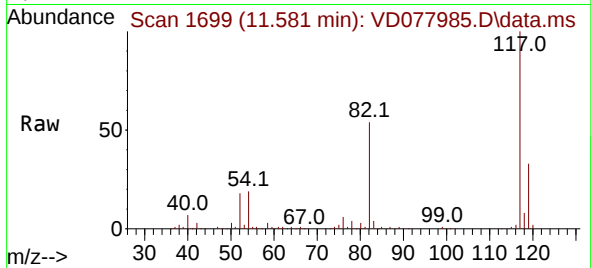




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077985.D
Acq: 20 Dec 2023 10:14

Instrument :
MSVOA_D
ClientSampleId :
VD1220SBL01

Tgt Ion:117 Resp: 326975
Ion Ratio Lower Upper
117 100
82 53.7 38.3 57.5
119 32.7 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: VD077985.D
Acq: 20 Dec 2023 10:14

Tgt Ion:152 Resp: 146044
Ion Ratio Lower Upper
152 100
115 57.6 27.1 81.3
150 158.7 0.0 353.6

