

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110323\
 Data File : VD077499.D
 Acq On : 03 Nov 2023 17:16
 Operator : JC/SY
 Sample : 05257-03
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-6-VOC

Quant Time: Nov 04 05:15:44 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	298233	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	586563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	530486	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	228508	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	188429	44.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.360%
35) Dibromofluoromethane	7.805	113	178718	44.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.160%
50) Toluene-d8	10.269	98	762149	48.399	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.800%
62) 4-Bromofluorobenzene	12.575	95	235539	44.410	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.820%

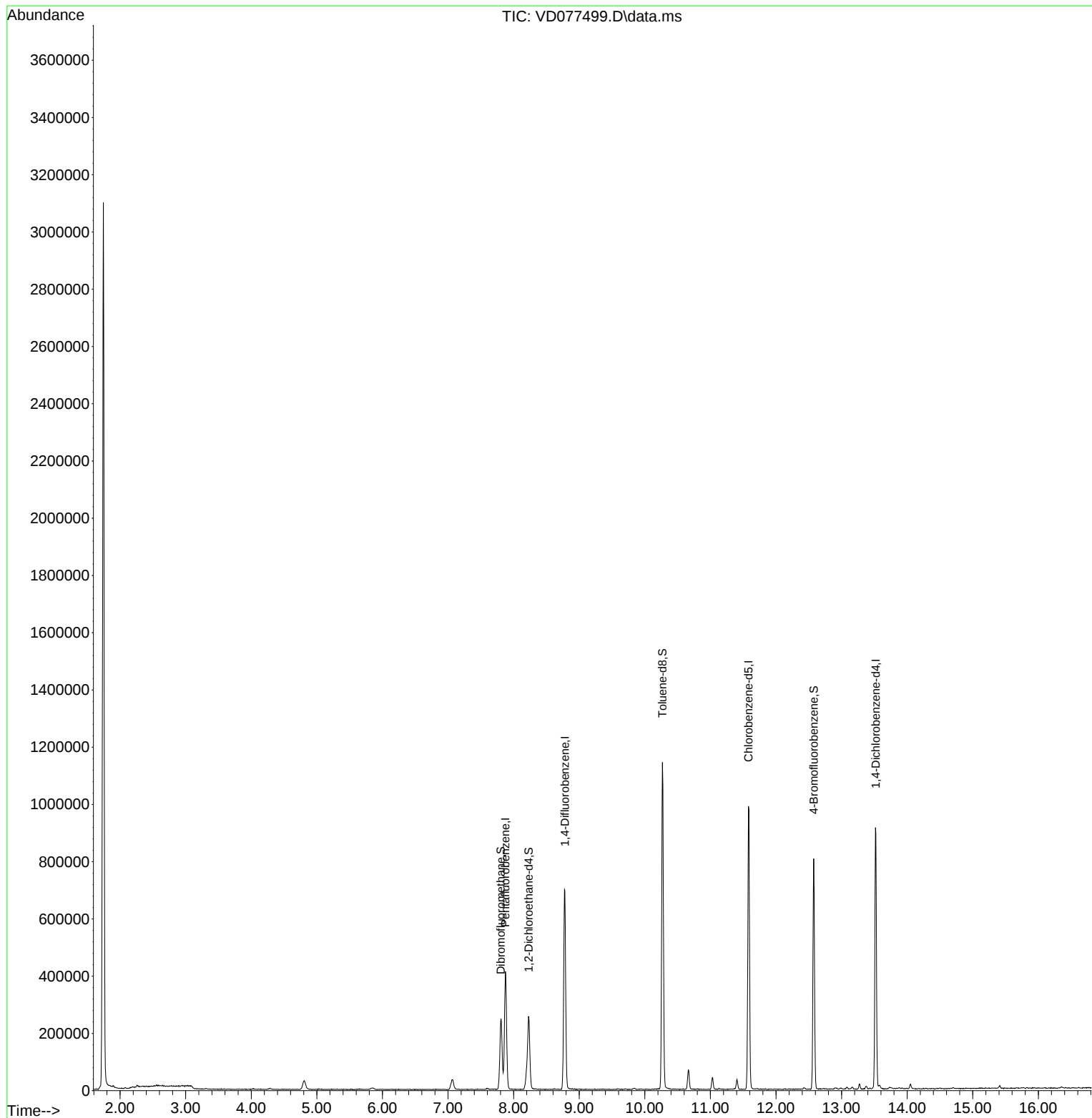
Target Compounds	Qvalue

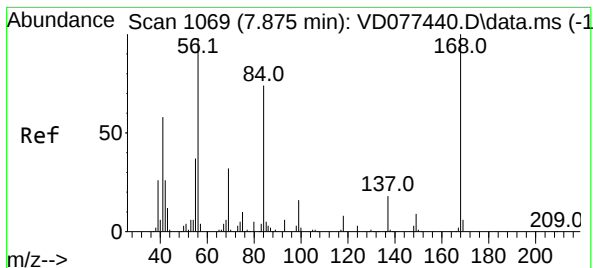
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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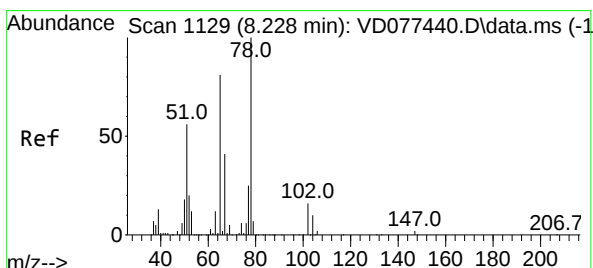
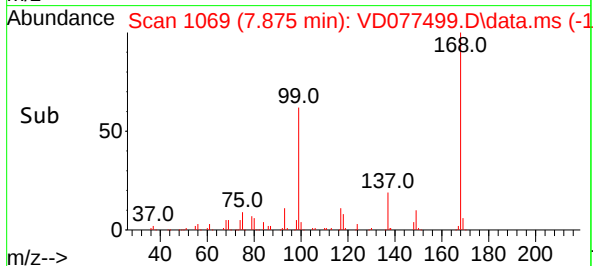
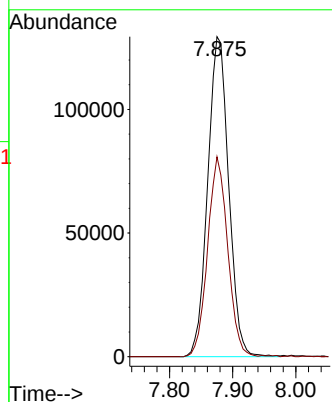
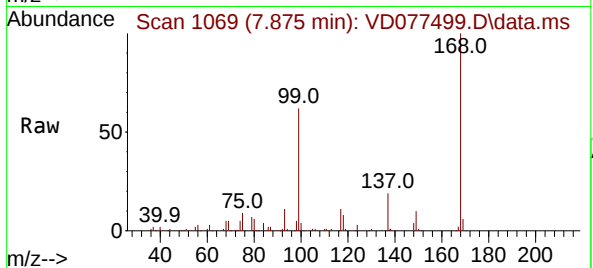




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077499.D
Acq: 03 Nov 2023 17:16

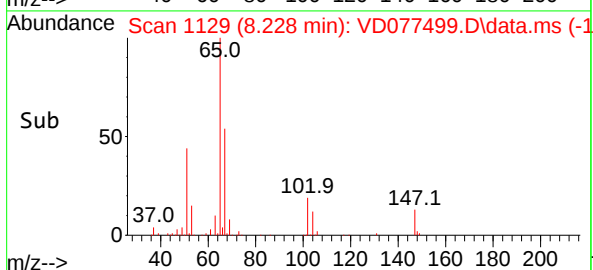
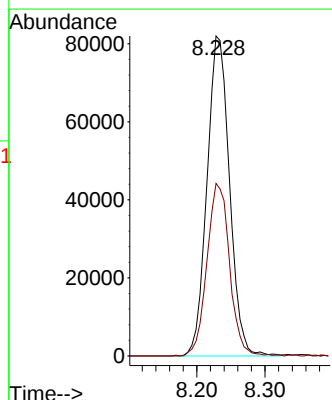
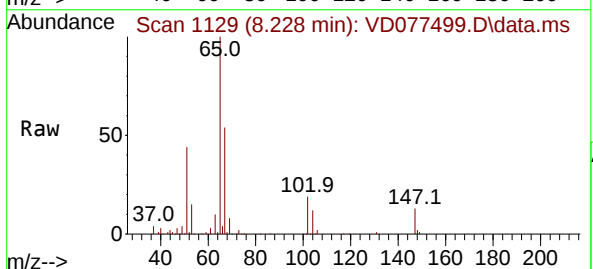
Instrument :
MSVOA_D
ClientSampleId :
WC-6-VOC

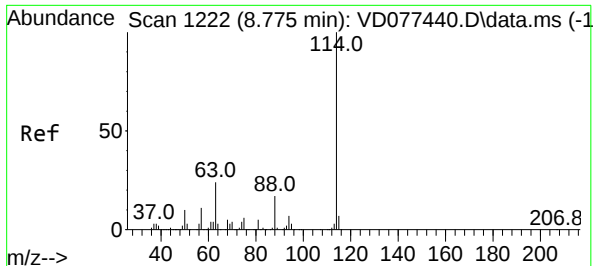
Tgt Ion:168 Resp: 298233
Ion Ratio Lower Upper
168 100
99 62.4 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 44.681 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077499.D
Acq: 03 Nov 2023 17:16

Tgt Ion: 65 Resp: 188429
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# 1

Delta R.T. 0.006 min

Lab File: VD077499.D

Acq: 03 Nov 2023 17:16

Instrument :

MSVOA_D

ClientSampleId :

WC-6-VOC

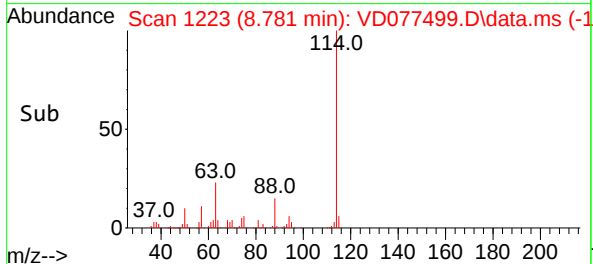
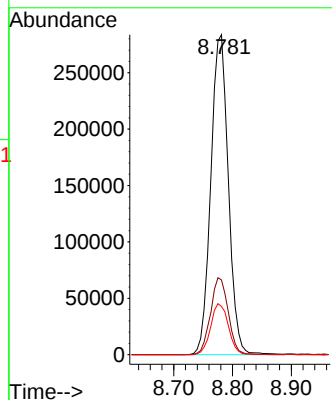
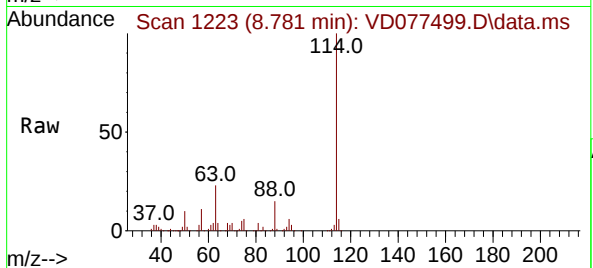
Tgt Ion:114 Resp: 586563

Ion Ratio Lower Upper

114 100

63 23.4 0.0 33.4

88 15.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 44.083 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077499.D

Acq: 03 Nov 2023 17:16

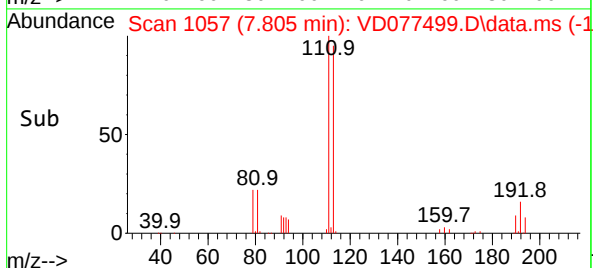
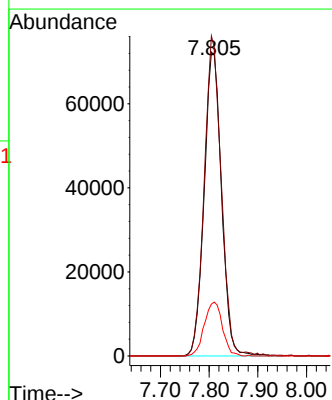
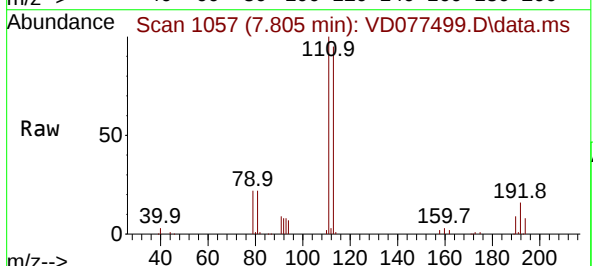
Tgt Ion:113 Resp: 178718

Ion Ratio Lower Upper

113 100

111 103.5 84.7 127.1

192 18.5 16.8 25.2

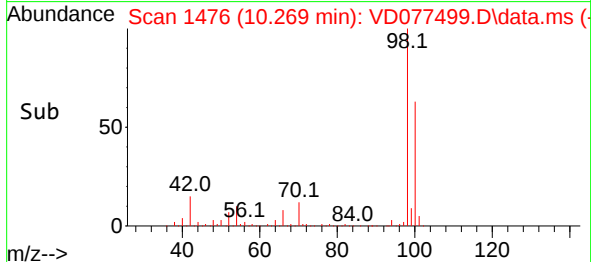
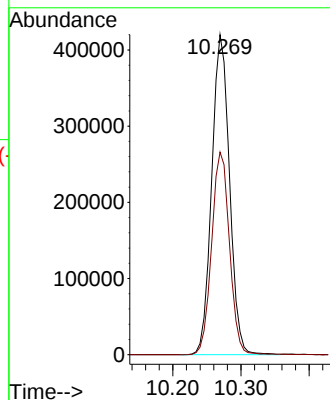
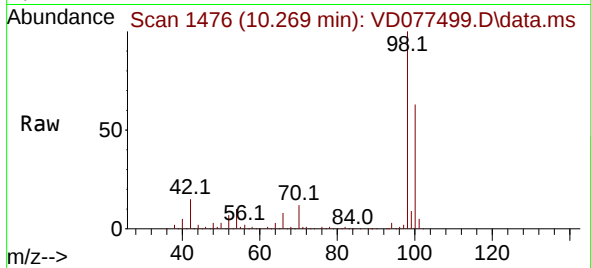




#50
Toluene-d8
Concen: 48.399 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077499.D
Acq: 03 Nov 2023 17:16

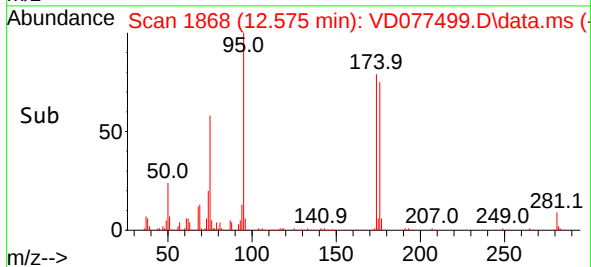
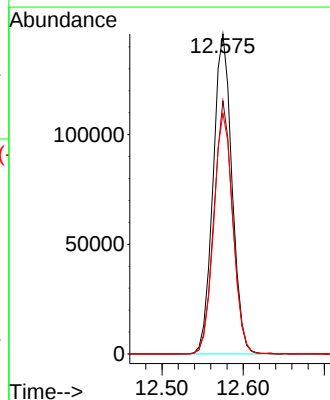
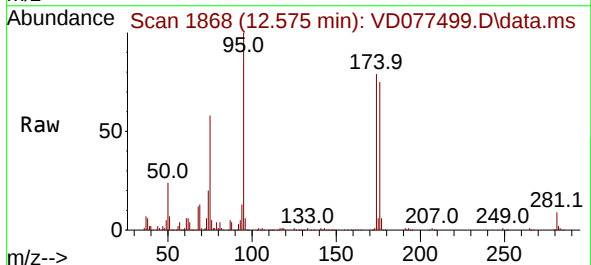
Instrument :
MSVOA_D
ClientSampleId :
WC-6-VOC

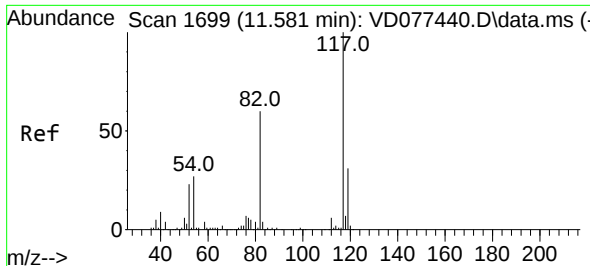
Tgt Ion: 98 Resp: 762149
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.410 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077499.D
Acq: 03 Nov 2023 17:16

Tgt Ion: 95 Resp: 235539
Ion Ratio Lower Upper
95 100
174 78.3 0.0 201.8
176 76.5 0.0 191.8

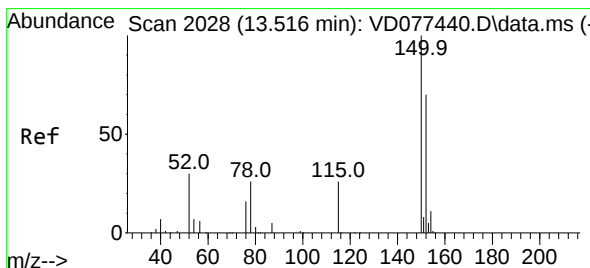
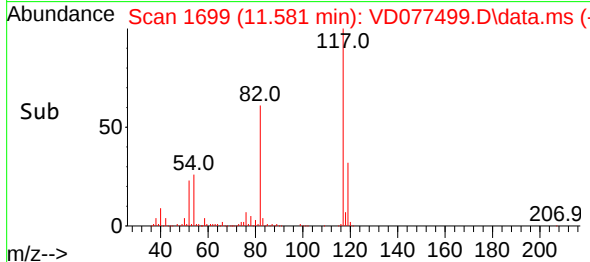
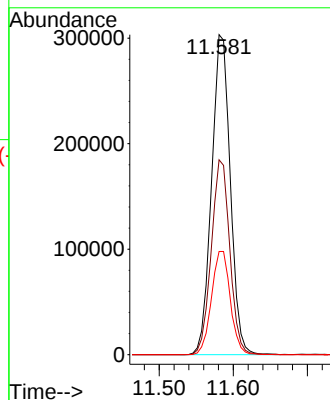
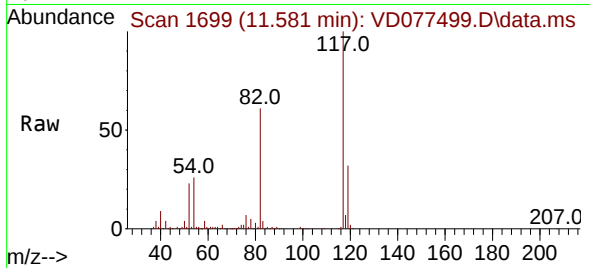




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD077499.D
Acq: 03 Nov 2023 17:16

Instrument :
MSVOA_D
ClientSampleId :
WC-6-VOC

Tgt Ion:117 Resp: 530486
Ion Ratio Lower Upper
117 100
82 60.9 38.3 57.5#
119 32.3 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: VD077499.D
Acq: 03 Nov 2023 17:16

Tgt Ion:152 Resp: 228508
Ion Ratio Lower Upper
152 100
115 61.1 27.1 81.3
150 158.0 0.0 353.6

