

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074906.D
 Acq On : 12 Nov 2022 00:26
 Operator : VA/SY
 Sample : N5509-01
 Misc : 4.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7

Quant Time: Nov 14 00:58:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	223858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	382748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	328866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	128550	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	116172	81.879	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	163.760%#
35) Dibromofluoromethane	7.805	113	140011	59.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.680%
50) Toluene-d8	10.269	98	435926	56.090	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.180%
62) 4-Bromofluorobenzene	12.575	95	109122	45.725	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.440%

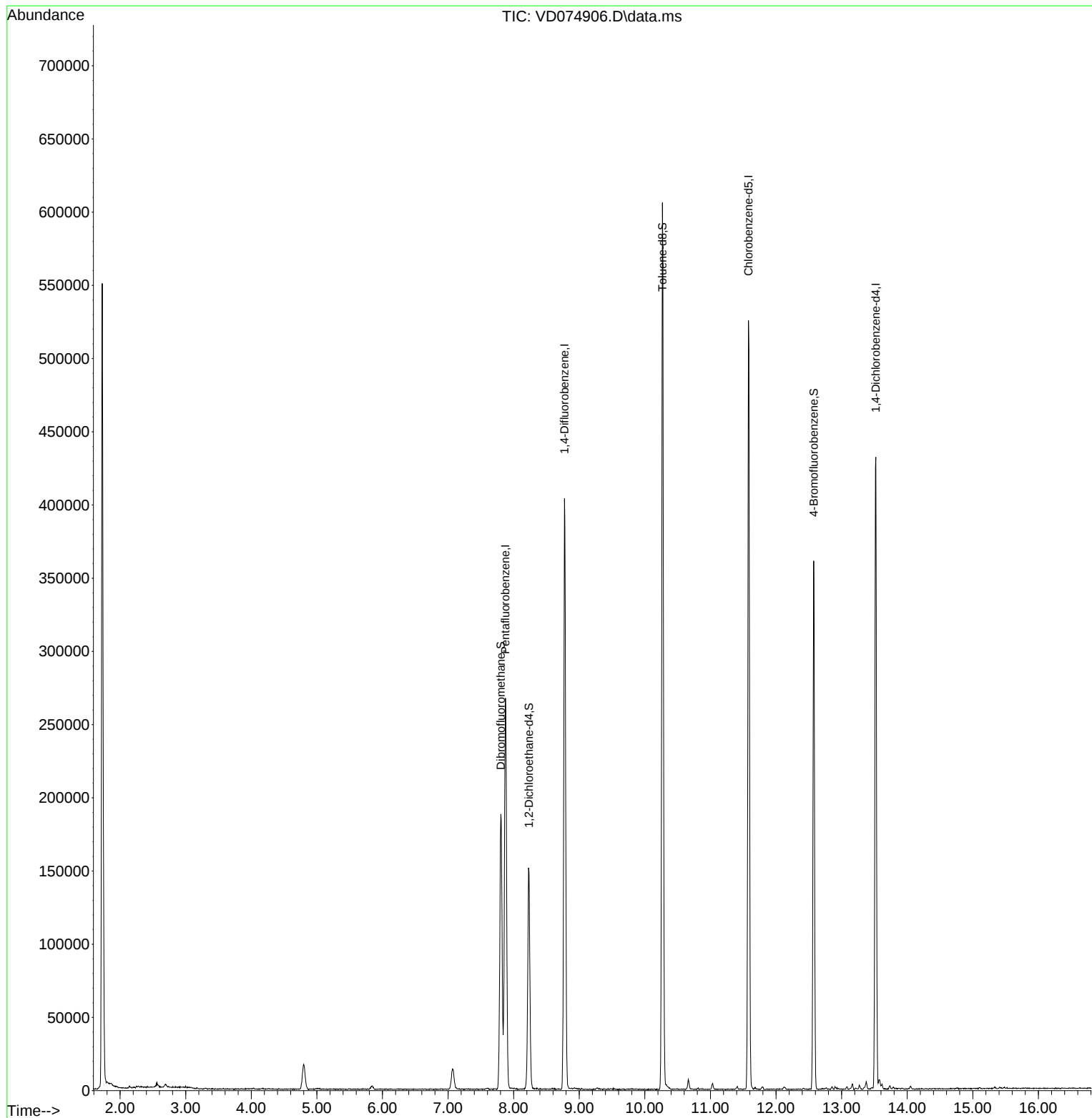
Target Compounds	Qvalue

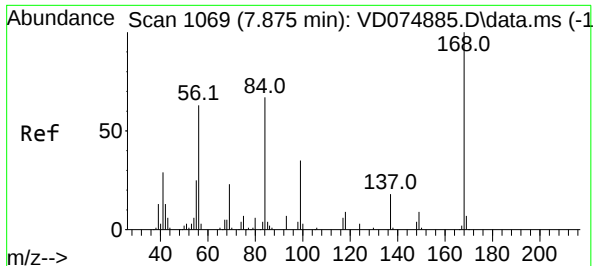
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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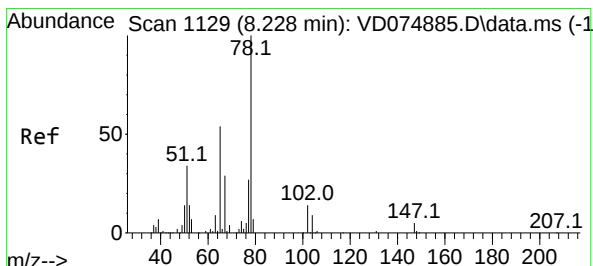
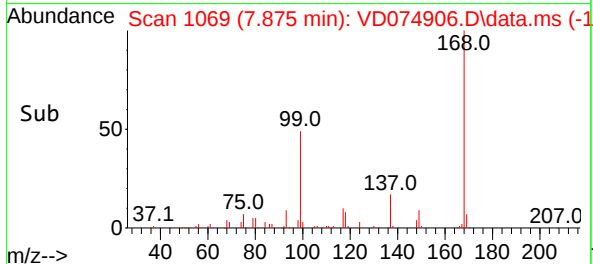
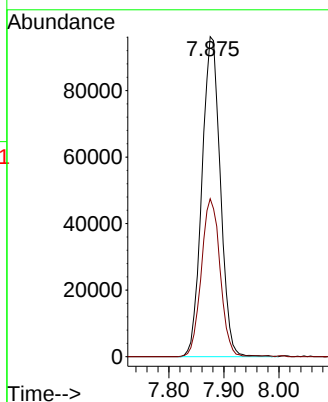
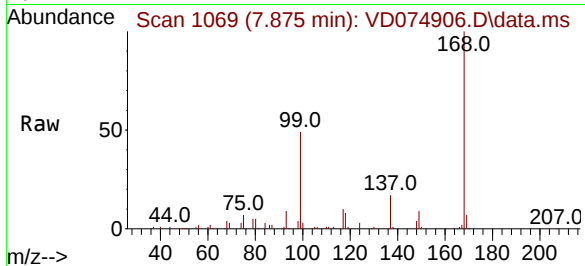




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD074906.D
Acq: 12 Nov 2022 00:26

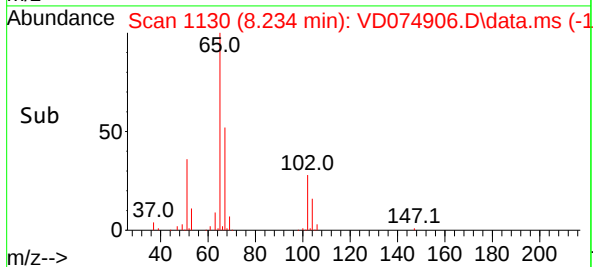
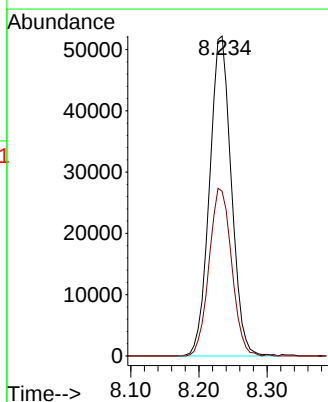
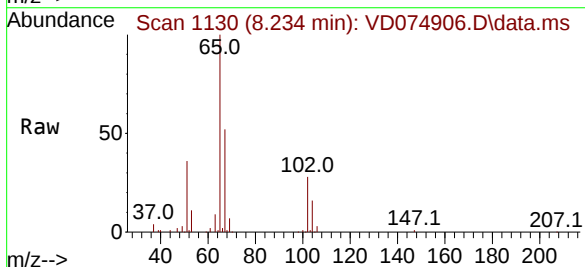
Instrument :
MSVOA_D
ClientSampleId :
TP-7

Tgt Ion:168 Resp: 223858
Ion Ratio Lower Upper
168 100
99 49.4 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 81.879 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074906.D
Acq: 12 Nov 2022 00:26

Tgt Ion: 65 Resp: 116172
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074906.D

Acq: 12 Nov 2022 00:26

Instrument :

MSVOA_D

ClientSampleId :

TP-7

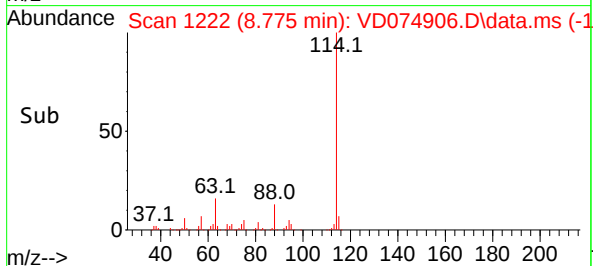
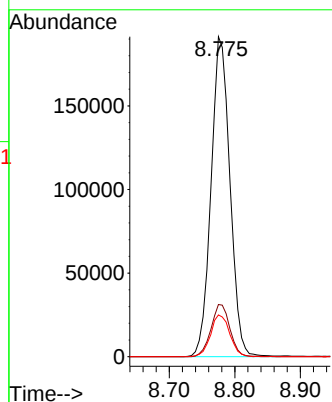
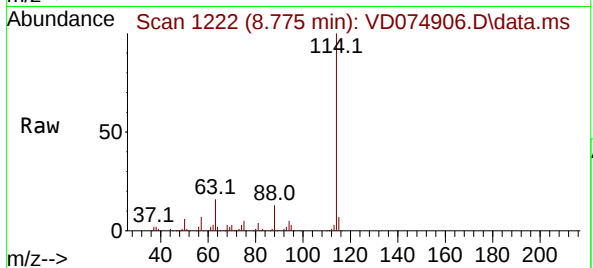
Tgt Ion:114 Resp: 382748

Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.2

88 13.1 0.0 28.2



#35

Dibromofluoromethane

Concen: 59.342 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074906.D

Acq: 12 Nov 2022 00:26

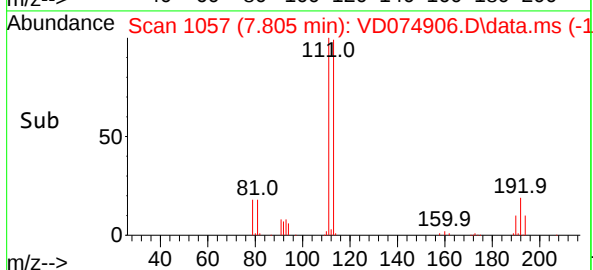
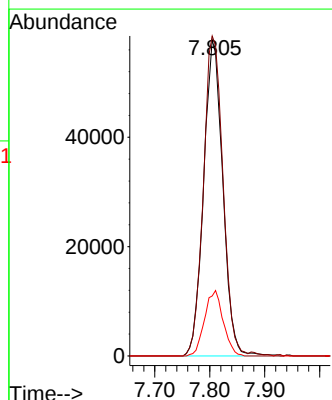
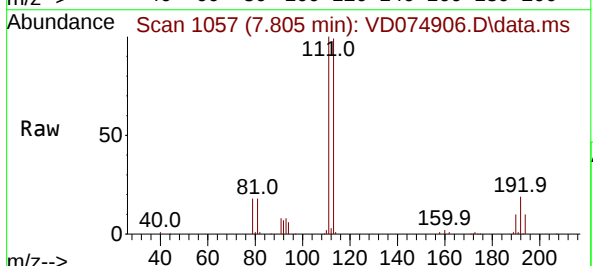
Tgt Ion:113 Resp: 140011

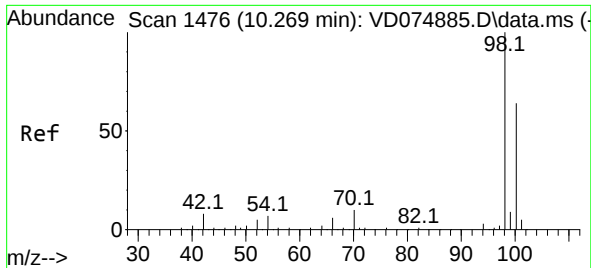
Ion Ratio Lower Upper

113 100

111 103.0 82.3 123.5

192 20.1 16.4 24.6

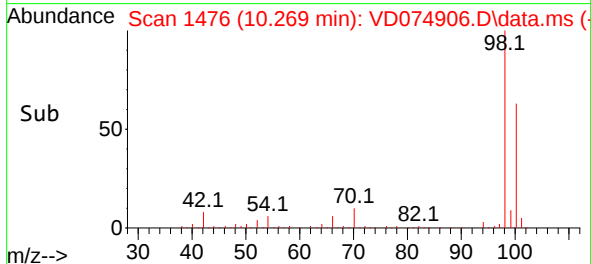
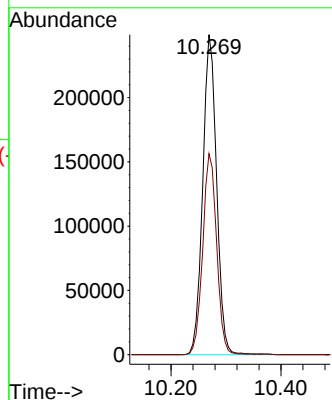
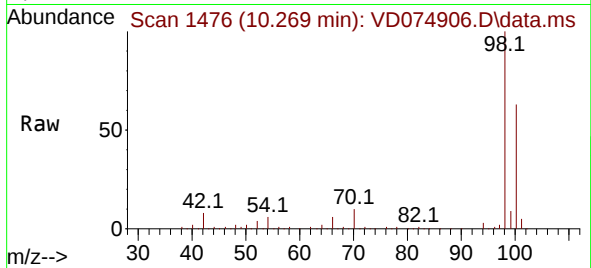




#50
Toluene-d8
Concen: 56.090 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074906.D
Acq: 12 Nov 2022 00:26

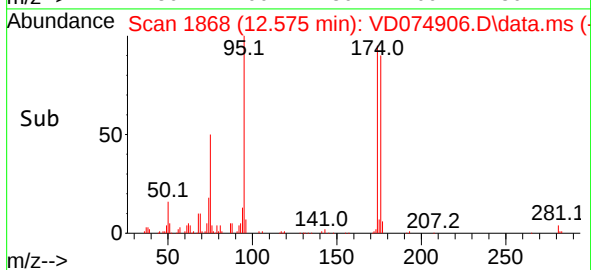
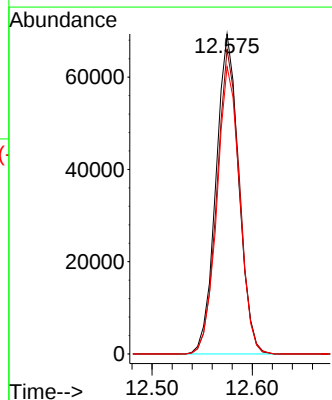
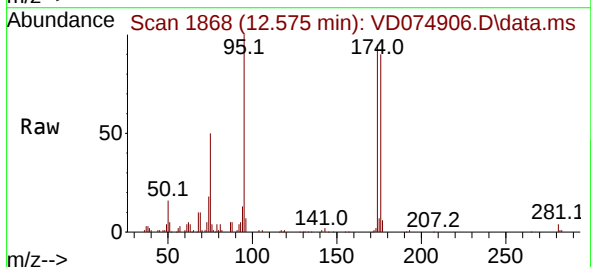
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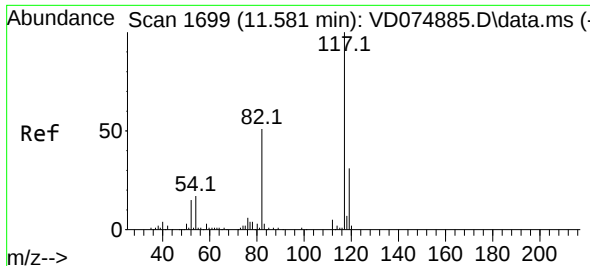
Tgt Ion: 98 Resp: 435926
Ion Ratio Lower Upper
98 100
100 63.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.725 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074906.D
Acq: 12 Nov 2022 00:26

Tgt Ion: 95 Resp: 109122
Ion Ratio Lower Upper
95 100
174 94.4 0.0 197.0
176 89.8 0.0 182.6

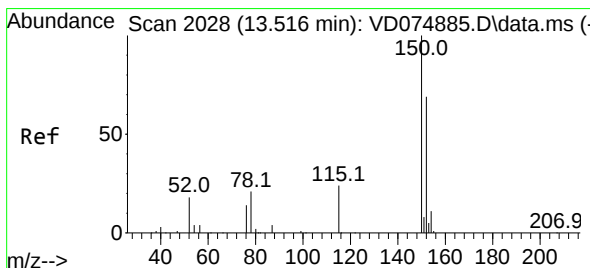
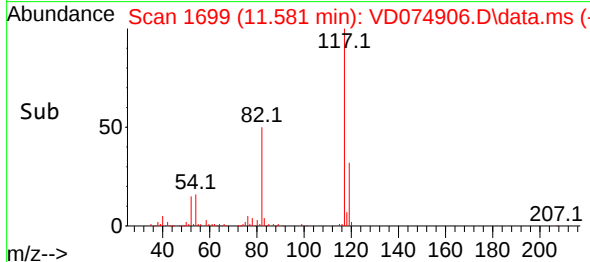
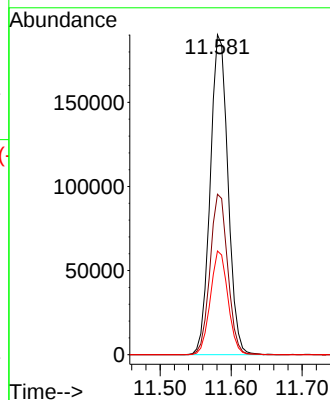
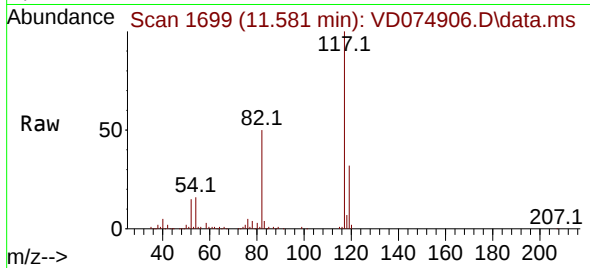




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074906.D
Acq: 12 Nov 2022 00:26

Instrument :
MSVOA_D
ClientSampleId :
TP-7

Tgt Ion:117 Resp: 328866
Ion Ratio Lower Upper
117 100
82 50.2 41.6 62.4
119 32.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074906.D
Acq: 12 Nov 2022 00:26

Tgt Ion:152 Resp: 128550
Ion Ratio Lower Upper
152 100
115 53.7 26.8 80.4
150 153.5 0.0 348.2

