

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074919.D
 Acq On : 12 Nov 2022 06:29
 Operator : VA/SY
 Sample : N5506-07
 Misc : 4.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8

Quant Time: Nov 14 01:00:27 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	168181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	271839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	250170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	107238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	82553	77.082	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.160%	
35) Dibromofluoromethane	7.805	113	119077	71.061	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 142.120%	
50) Toluene-d8	10.269	98	376881	68.278	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 136.560%	
62) 4-Bromofluorobenzene	12.575	95	100998	59.587	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.180%	

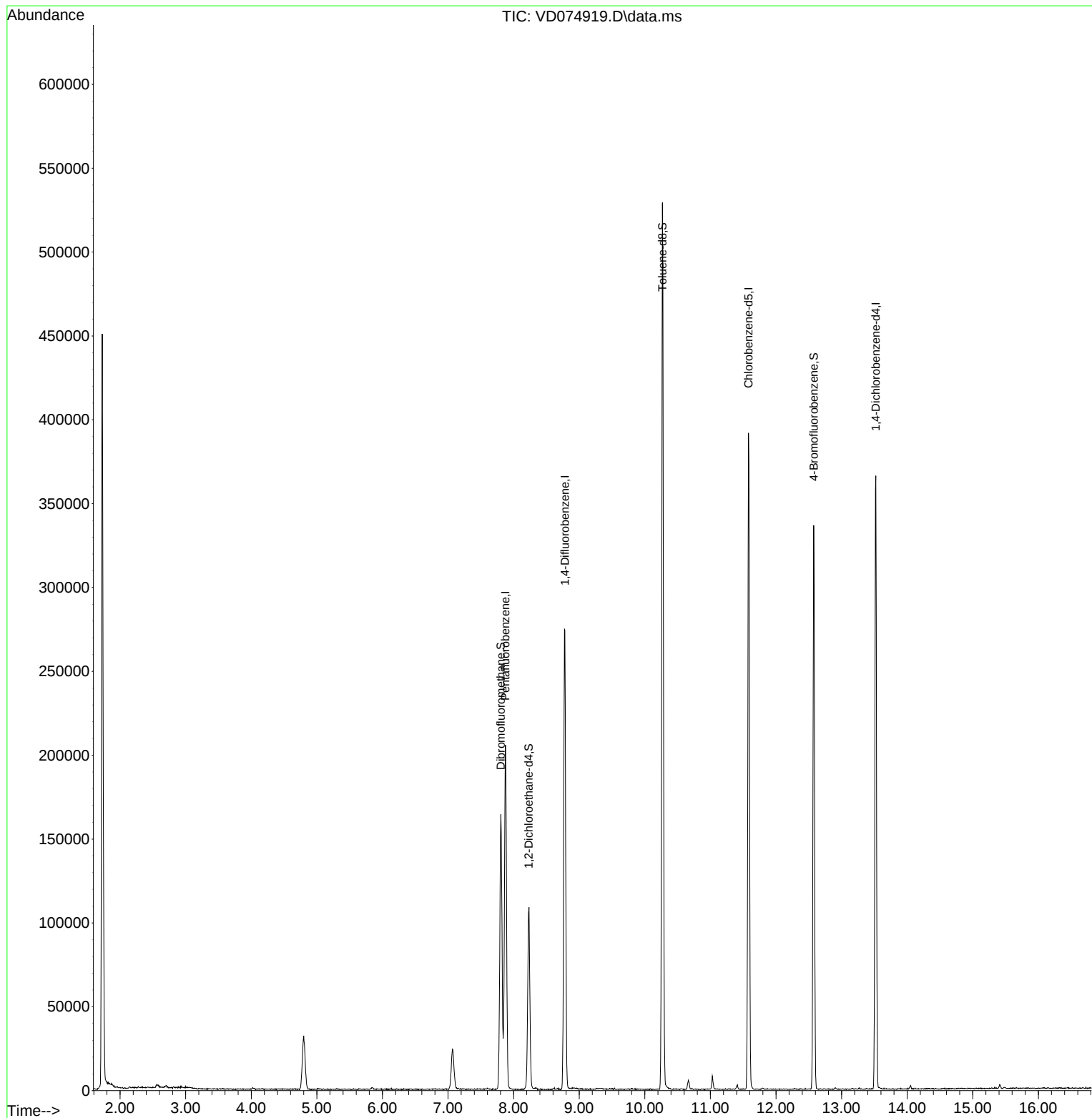
Target Compounds	Qvalue

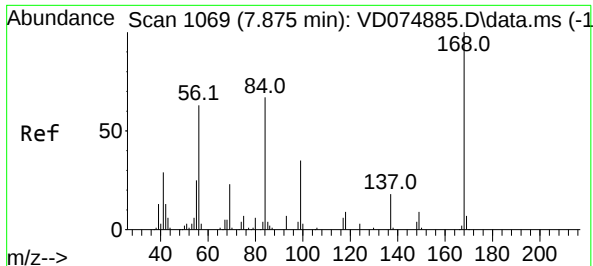
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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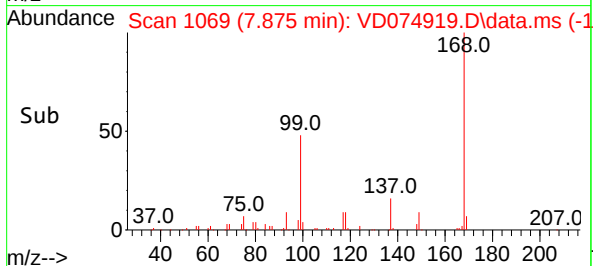
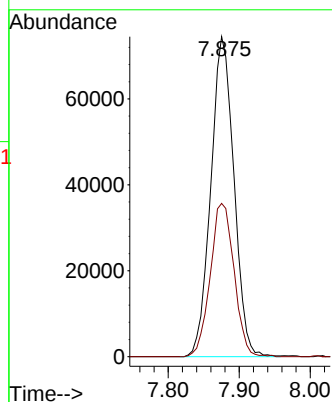
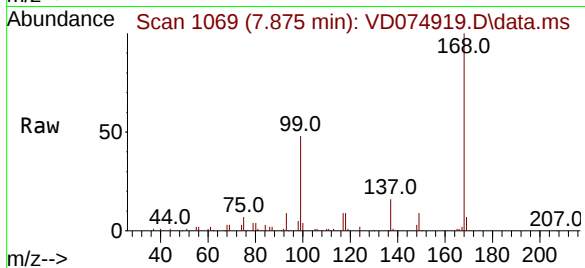




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074919.D
Acq: 12 Nov 2022 06:29

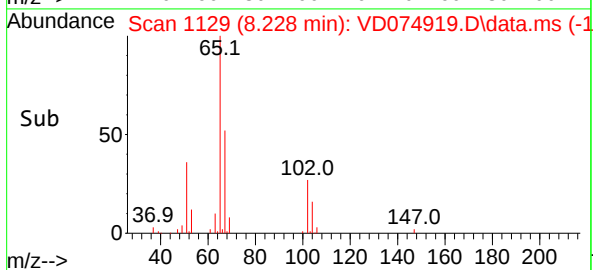
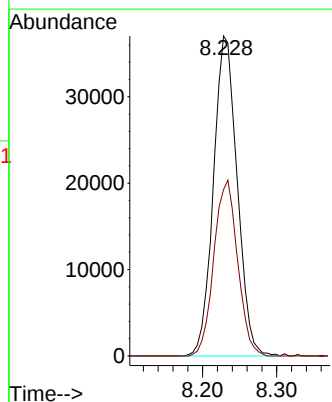
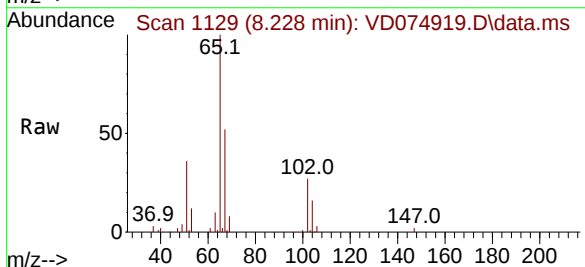
Instrument :
MSVOA_D
ClientSampleId :
TP-8

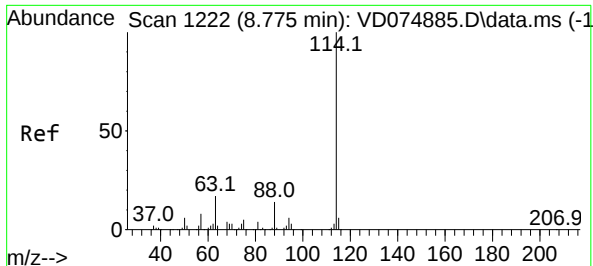
Tgt Ion:168 Resp: 168181
Ion Ratio Lower Upper
168 100
99 47.9 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 77.082 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074919.D
Acq: 12 Nov 2022 06:29

Tgt Ion: 65 Resp: 82553
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074919.D

Acq: 12 Nov 2022 06:29

Instrument :

MSVOA_D

ClientSampleId :

TP-8

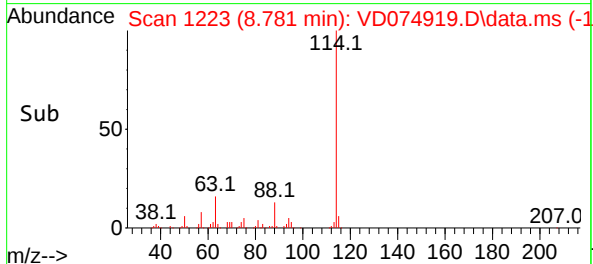
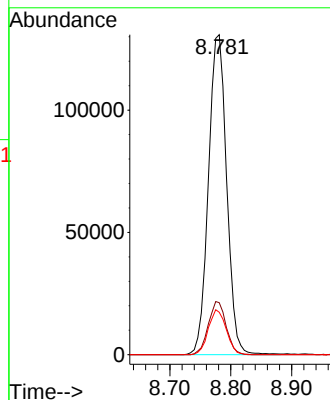
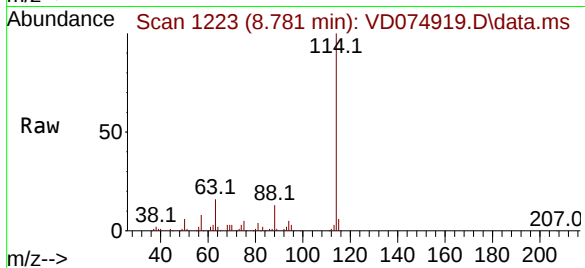
Tgt Ion:114 Resp: 271839

Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.2

88 13.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 71.061 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074919.D

Acq: 12 Nov 2022 06:29

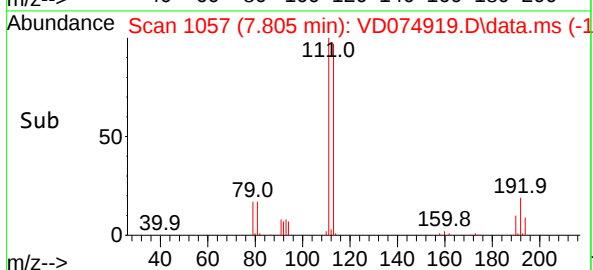
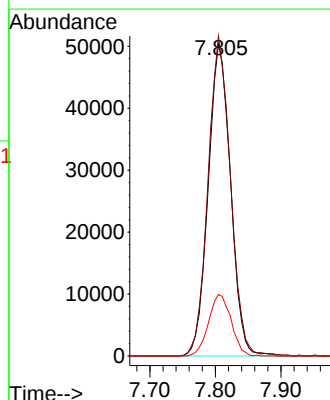
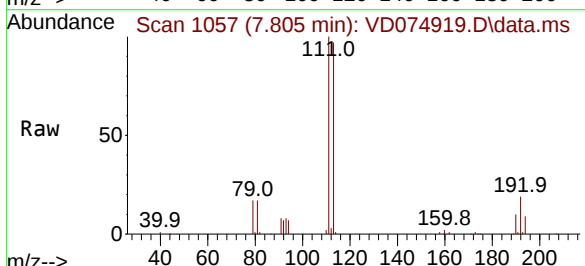
Tgt Ion:113 Resp: 119077

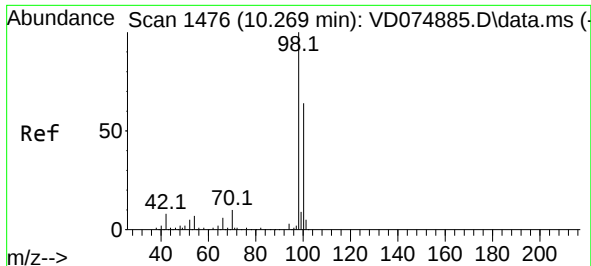
Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

192 19.9 16.4 24.6

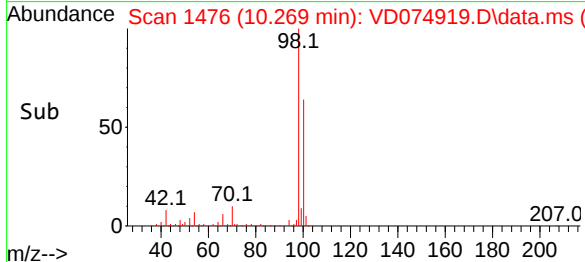
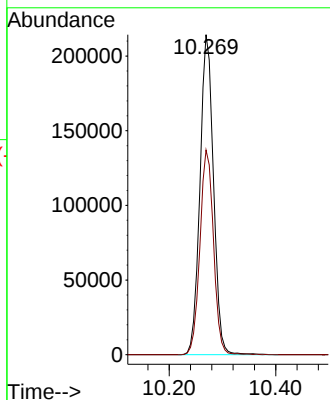
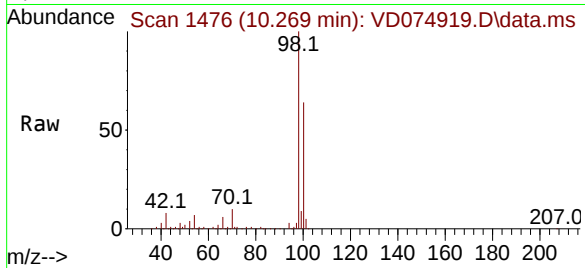




#50
Toluene-d8
Concen: 68.278 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074919.D
Acq: 12 Nov 2022 06:29

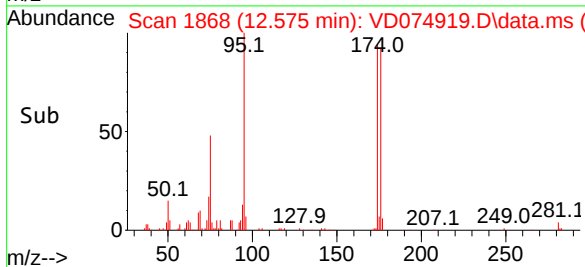
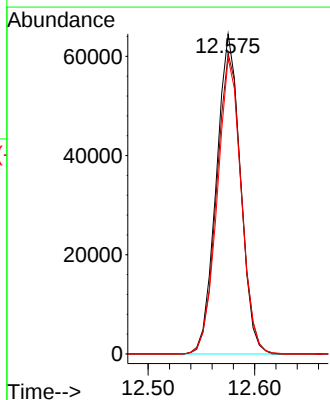
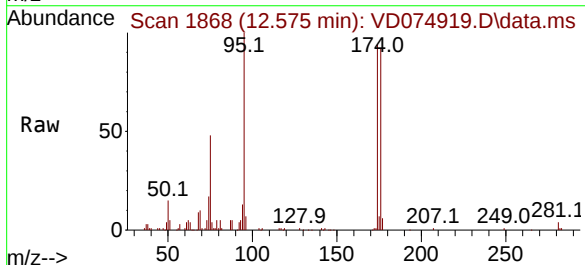
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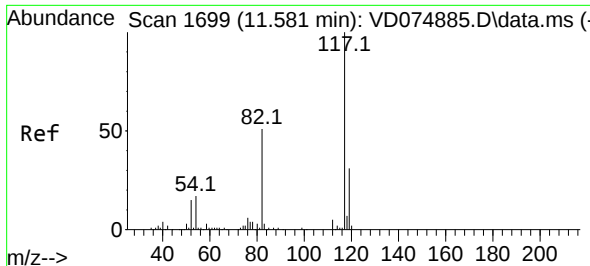
Tgt Ion: 98 Resp: 376881
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 59.587 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074919.D
Acq: 12 Nov 2022 06:29

Tgt Ion: 95 Resp: 100998
Ion Ratio Lower Upper
95 100
174 96.0 0.0 197.0
176 92.3 0.0 182.6

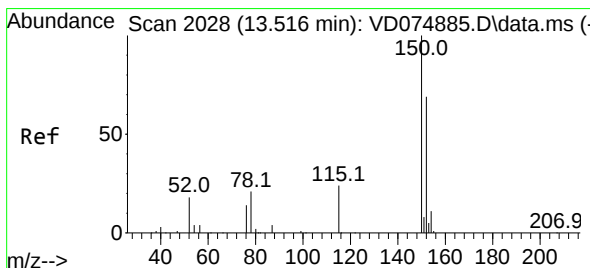
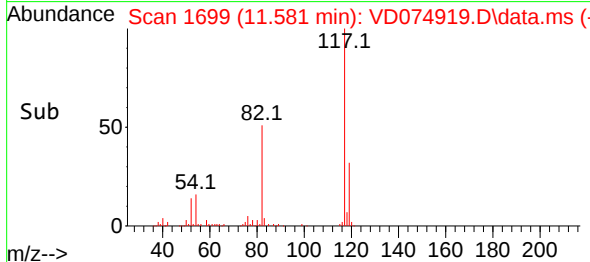
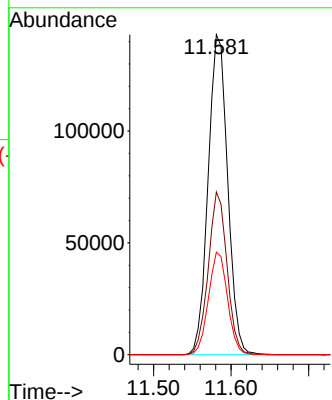
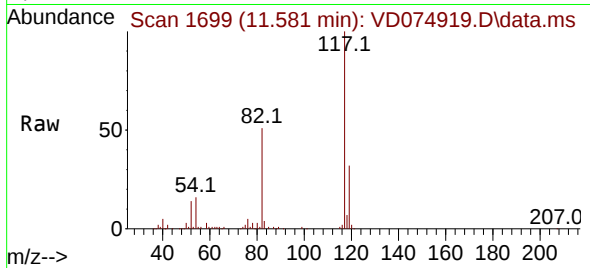




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074919.D
Acq: 12 Nov 2022 06:29

Instrument :
MSVOA_D
ClientSampleId :
TP-8

Tgt Ion:117 Resp: 250170
Ion Ratio Lower Upper
117 100
82 50.8 41.6 62.4
119 32.0 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: VD074919.D
Acq: 12 Nov 2022 06:29

Tgt Ion:152 Resp: 107238
Ion Ratio Lower Upper
152 100
115 54.3 26.8 80.4
150 158.2 0.0 348.2

