

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074873.D
 Acq On : 10 Nov 2022 17:43
 Operator : VA/SY
 Sample : N5520-05RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124042RE

Quant Time: Nov 11 07:18:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	18500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	32265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	35479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	16842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	15158	103.451	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 206.900%#	
35) Dibromofluoromethane	7.804	113	14402	75.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 150.920%#	
50) Toluene-d8	10.269	98	30607	43.963	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.920%	
62) 4-Bromofluorobenzene	12.575	95	11640	57.906	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.820%	

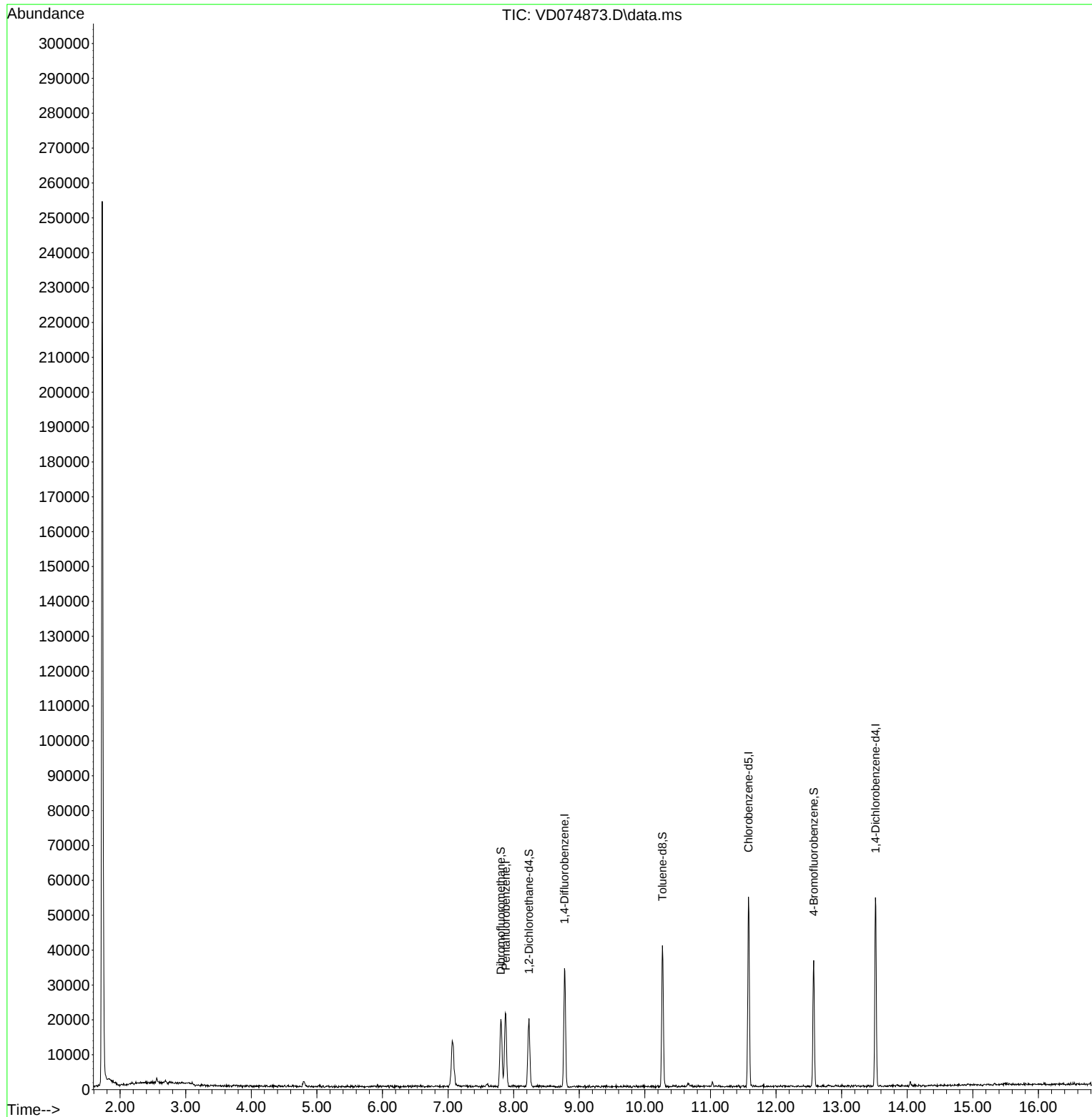
Target Compounds	Qvalue

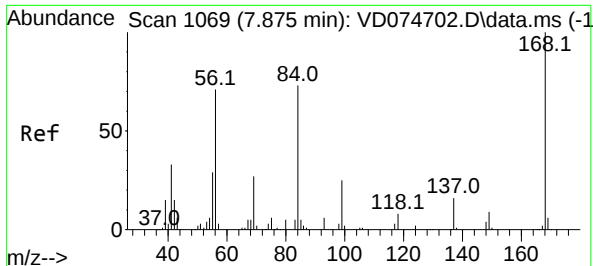
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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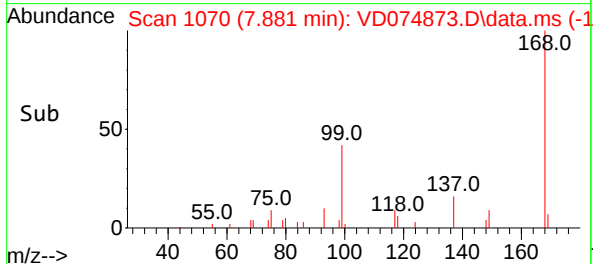
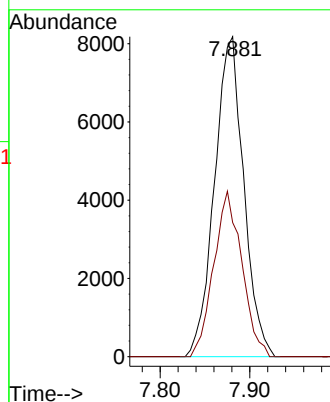
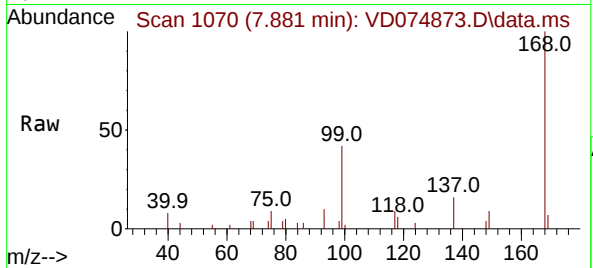




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074873.D
Acq: 10 Nov 2022 17:43

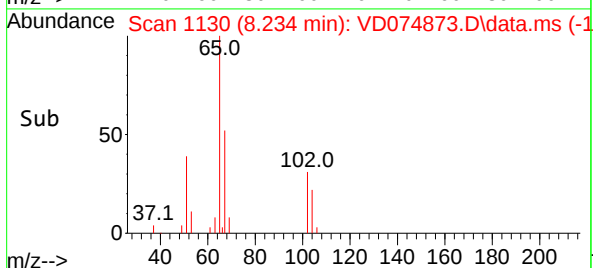
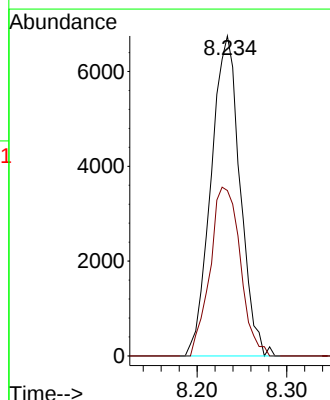
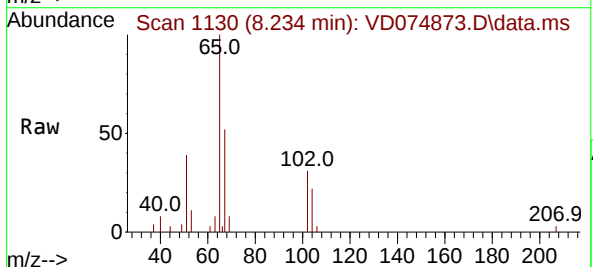
Instrument :
MSVOA_D
ClientSampleId :
124042RE

Tgt Ion:168 Resp: 18500
Ion Ratio Lower Upper
168 100
99 41.9 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 103.451 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074873.D
Acq: 10 Nov 2022 17:43

Tgt Ion: 65 Resp: 15158
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074873.D

Acq: 10 Nov 2022 17:43

Instrument :

MSVOA_D

ClientSampleId :

124042RE

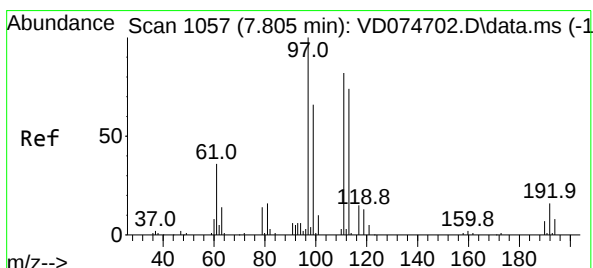
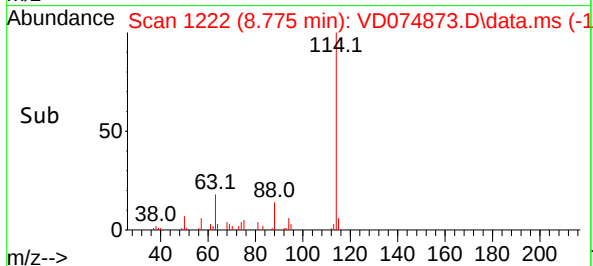
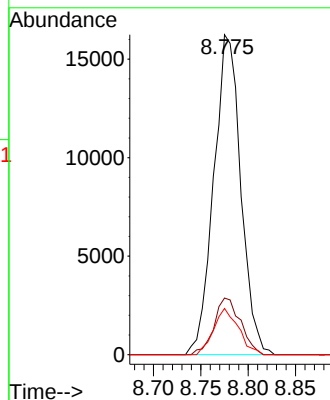
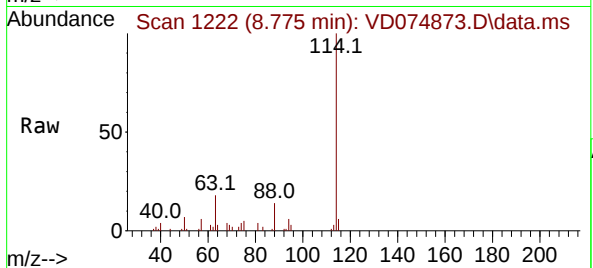
Tgt Ion:114 Resp: 32265

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.2

88 14.5 0.0 28.2



#35

Dibromofluoromethane

Concen: 75.458 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074873.D

Acq: 10 Nov 2022 17:43

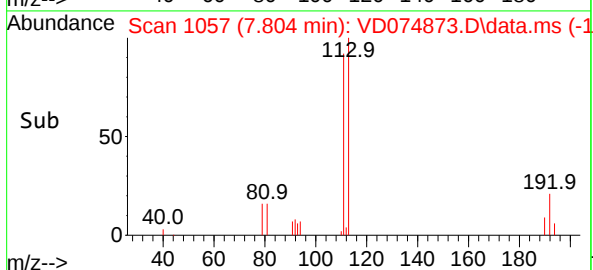
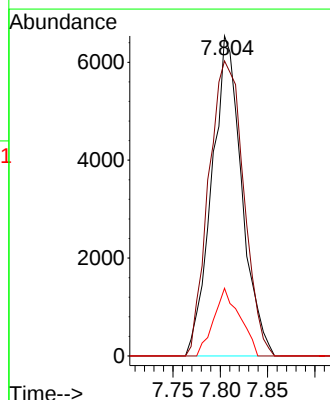
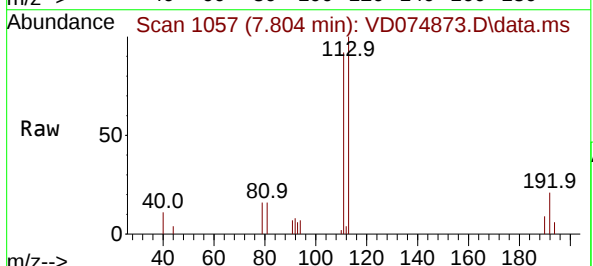
Tgt Ion:113 Resp: 14402

Ion Ratio Lower Upper

113 100

111 107.2 82.3 123.5

192 18.4 16.4 24.6

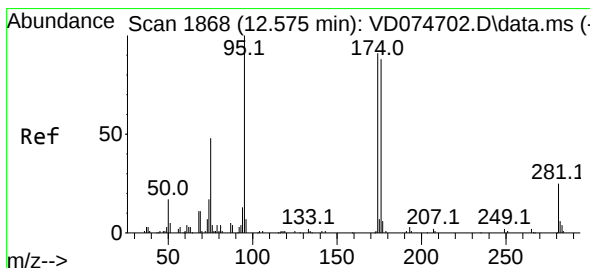
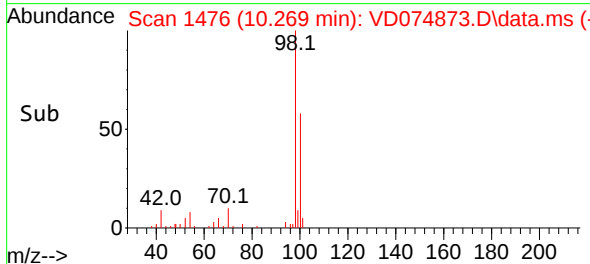
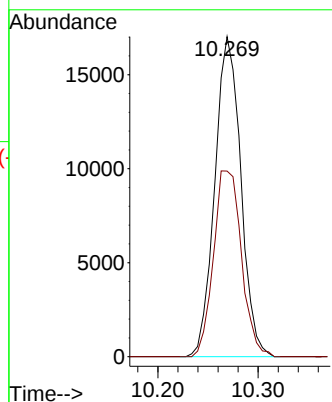
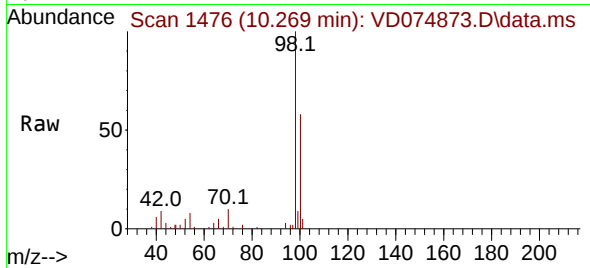




#50
Toluene-d8
Concen: 43.963 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074873.D
Acq: 10 Nov 2022 17:43

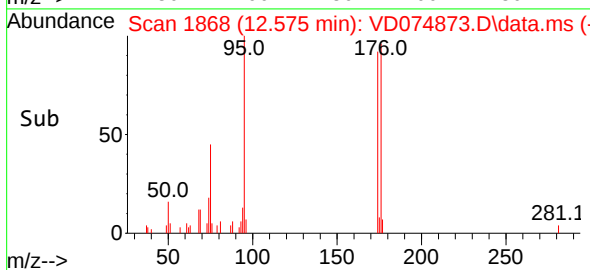
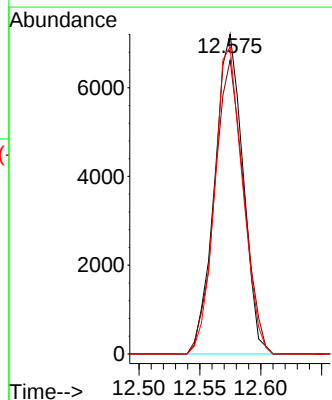
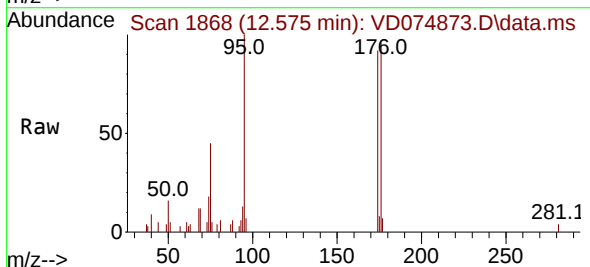
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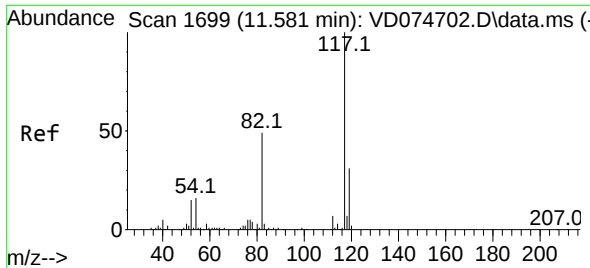
Tgt Ion: 98 Resp: 30607
Ion Ratio Lower Upper
98 100
100 62.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 57.906 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074873.D
Acq: 10 Nov 2022 17:43

Tgt Ion: 95 Resp: 11640
Ion Ratio Lower Upper
95 100
174 94.9 0.0 197.0
176 95.2 0.0 182.6

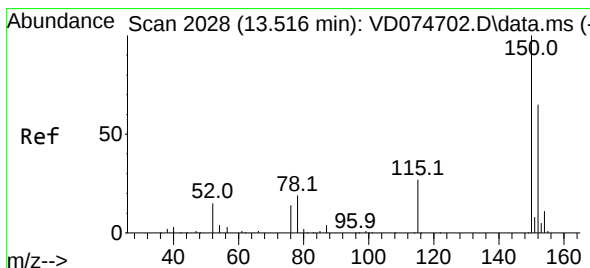
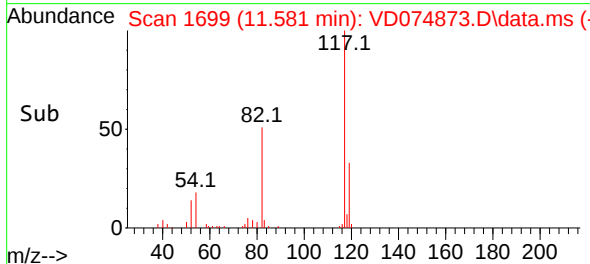
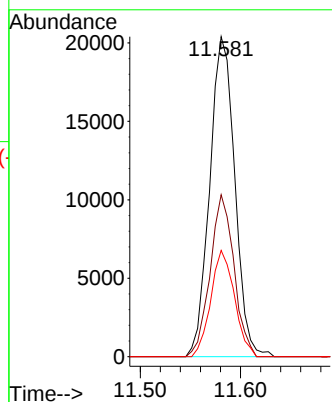
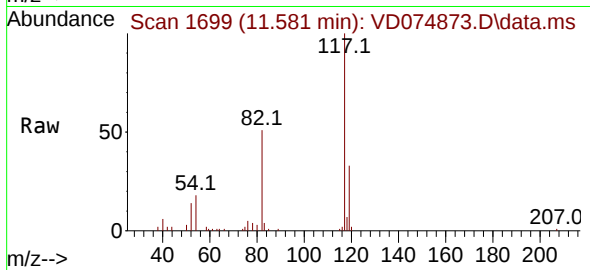




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074873.D
Acq: 10 Nov 2022 17:43

Instrument :
MSVOA_D
ClientSampleId :
124042RE

Tgt Ion:117 Resp: 35479
Ion Ratio Lower Upper
117 100
82 50.6 41.6 62.4
119 33.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074873.D
Acq: 10 Nov 2022 17:43

Tgt Ion:152 Resp: 16842
Ion Ratio Lower Upper
152 100
115 53.1 26.8 80.4
150 154.1 0.0 348.2

