

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074871.D
 Acq On : 10 Nov 2022 16:48
 Operator : VA/SY
 Sample : N5520-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124035

Quant Time: Nov 11 07:18:39 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	7.875	168	172121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	268093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	237093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96676	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54850	40.235	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.480%
35) Dibromofluoromethane	7.804	113	85278	53.773	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.540%
50) Toluene-d8	10.269	98	238932	41.303	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.600%
62) 4-Bromofluorobenzene	12.574	95	73553	44.037	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.080%

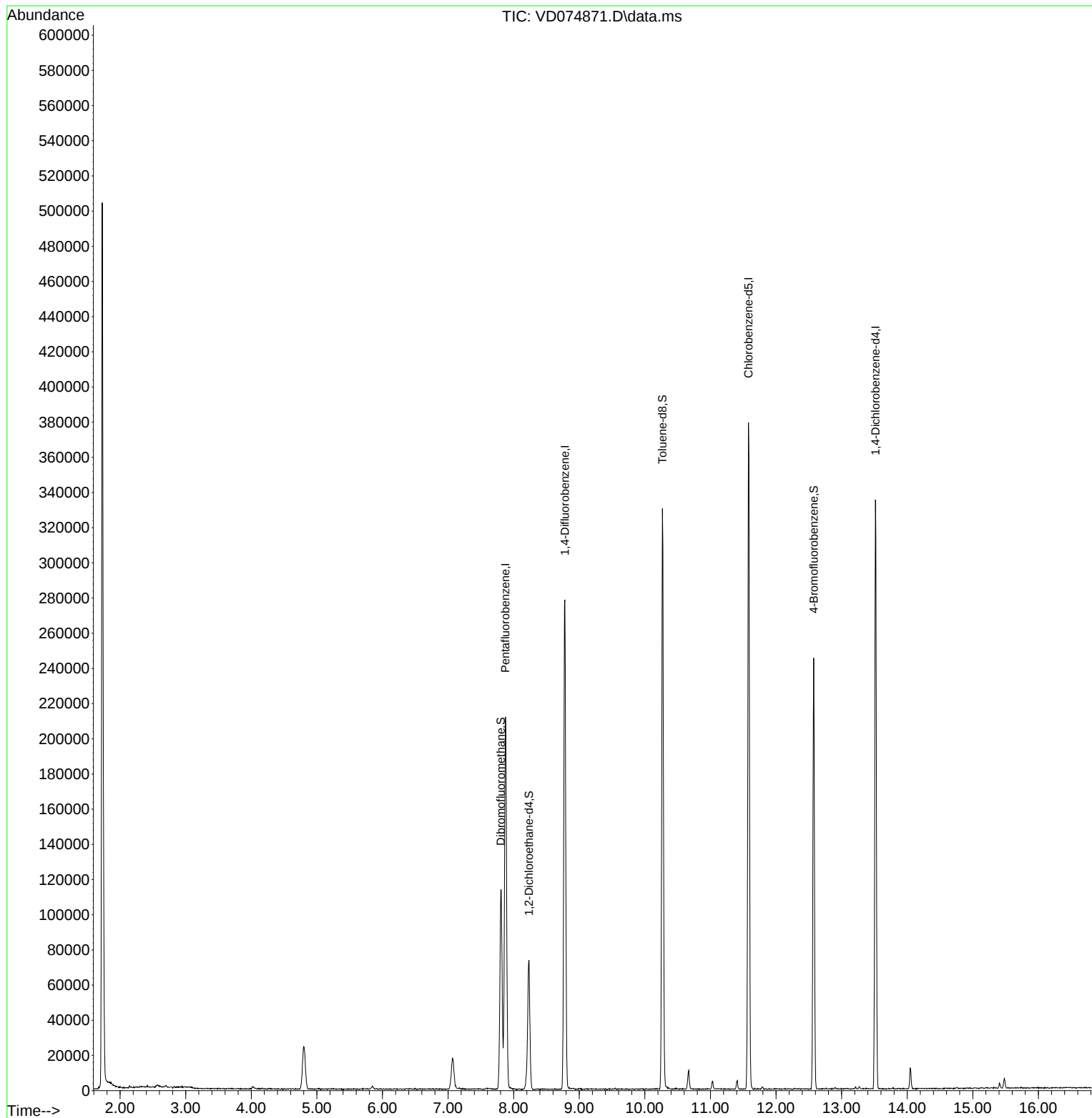
Target Compounds	Qvalue

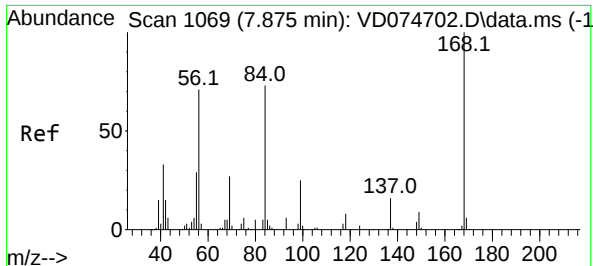
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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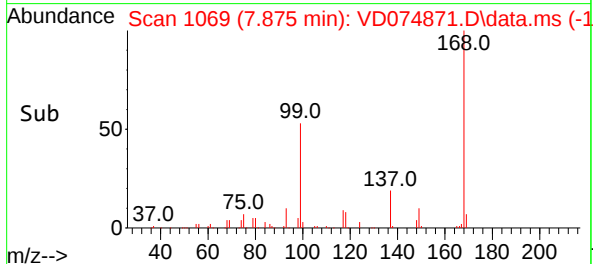
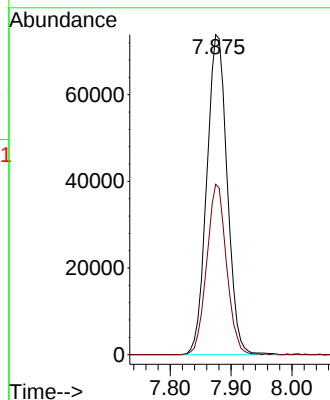
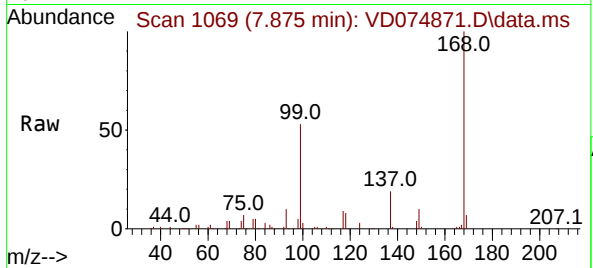




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48

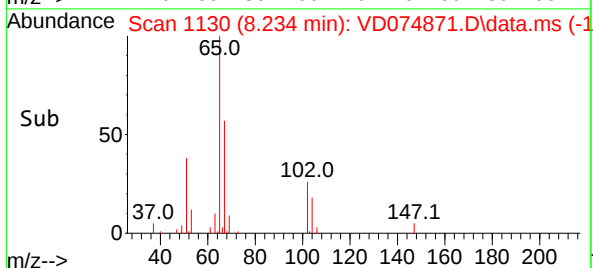
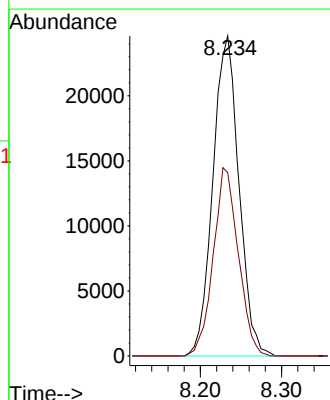
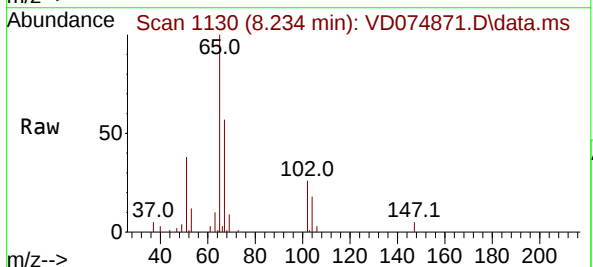
Instrument :
MSVOA_D
ClientSampleId :
124035

Tgt Ion:168 Resp: 172121
Ion Ratio Lower Upper
168 100
99 53.2 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 40.235 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48

Tgt Ion: 65 Resp: 54850
Ion Ratio Lower Upper
65 100
67 56.6 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: VD074871.D

Acq: 10 Nov 2022 16:48

Instrument :

MSVOA_D

ClientSampleId :

124035

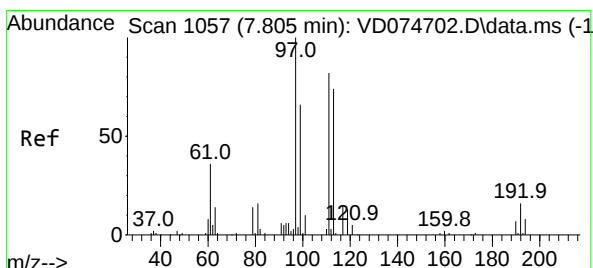
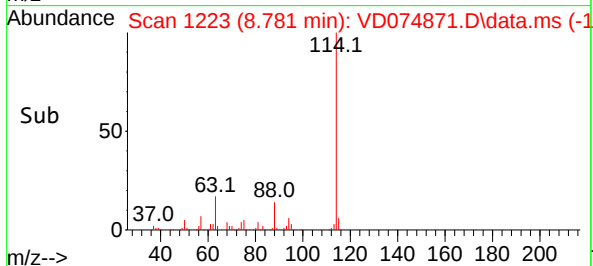
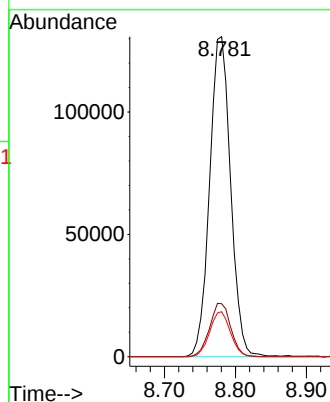
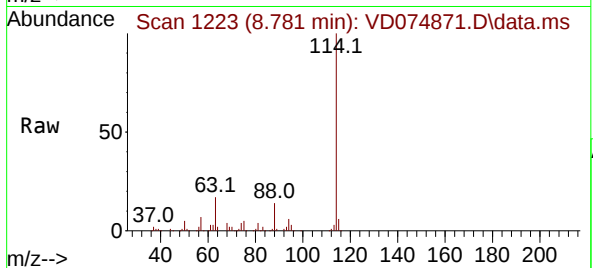
Tgt Ion:114 Resp: 268093

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.2

88 14.1 0.0 28.2



#35

Dibromofluoromethane

Concen: 53.773 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074871.D

Acq: 10 Nov 2022 16:48

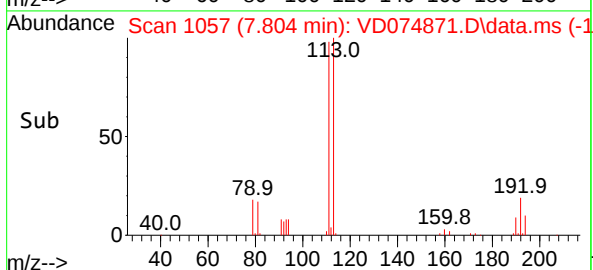
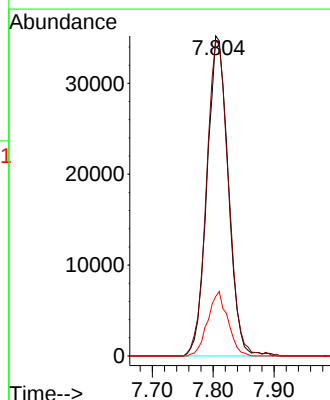
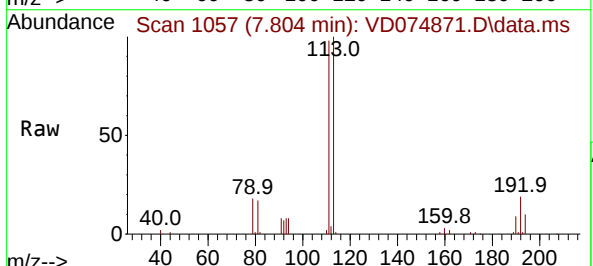
Tgt Ion:113 Resp: 85278

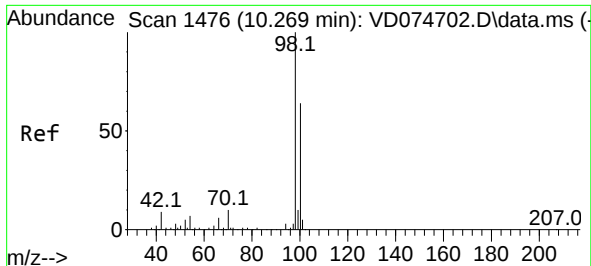
Ion Ratio Lower Upper

113 100

111 101.8 82.3 123.5

192 19.1 16.4 24.6

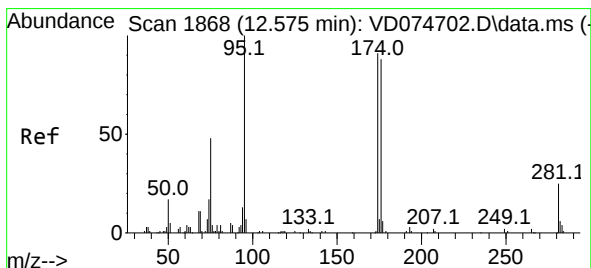
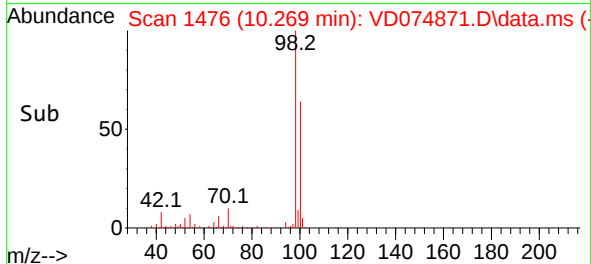
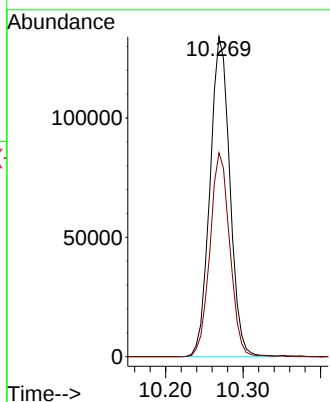
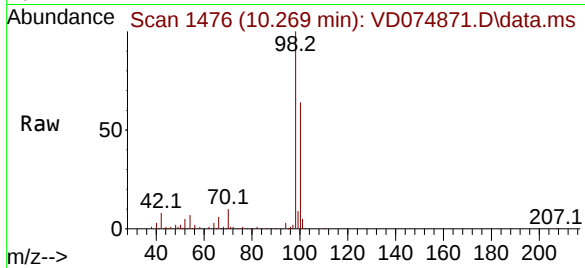




#50
Toluene-d8
Concen: 41.303 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48

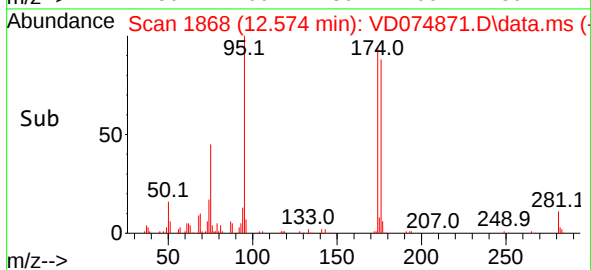
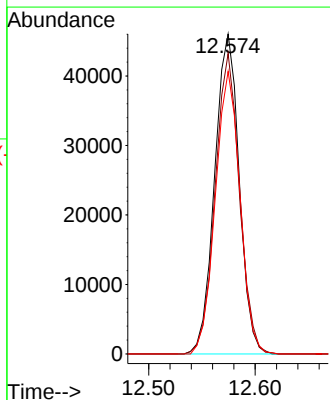
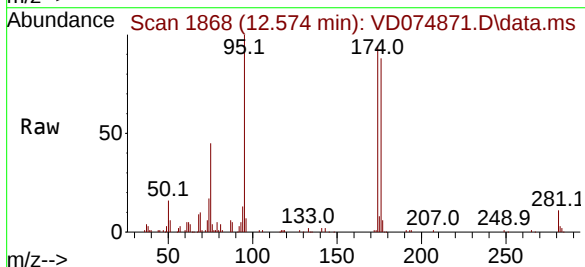
Instrument :
MSVOA_D
ClientSampleId :
124035

Tgt Ion: 98 Resp: 238932
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.037 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48

Tgt Ion: 95 Resp: 73553
Ion Ratio Lower Upper
95 100
174 92.6 0.0 197.0
176 88.8 0.0 182.6

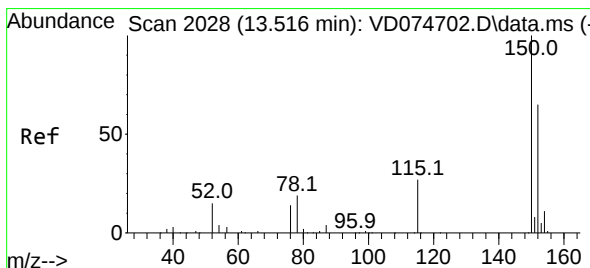
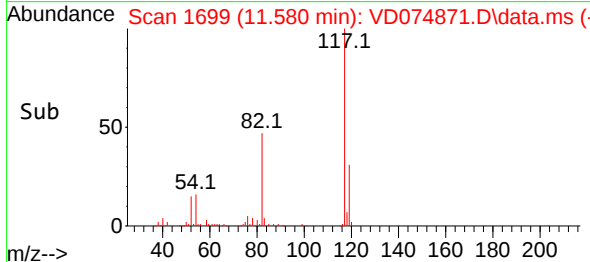
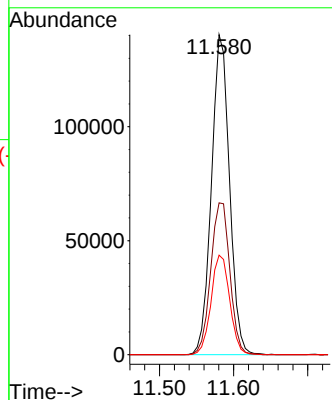
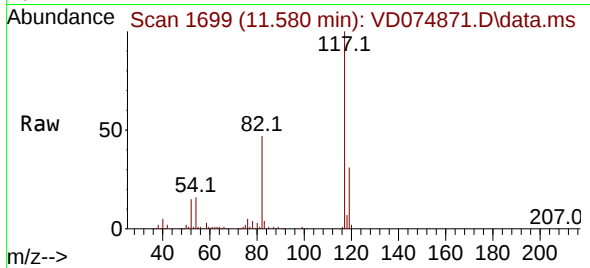




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD074871.D
Acq: 10 Nov 2022 16:48

Instrument :
MSVOA_D
ClientSampleId :
124035

Tgt Ion:117 Resp: 237093
Ion Ratio Lower Upper
117 100
82 47.5 41.6 62.4
119 31.1 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: VD074871.D
Acq: 10 Nov 2022 16:48

Tgt Ion:152 Resp: 96676
Ion Ratio Lower Upper
152 100
115 54.8 26.8 80.4
150 157.5 0.0 348.2

