

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077134.D
 Acq On : 18 Sep 2023 17:17
 Operator : JC/SY
 Sample : 04436-19
 Misc : 5.42G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CPT102-15(3-3.5)

Quant Time: Sep 19 04:58:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	126312	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	298670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	333557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	154918	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79310	62.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.440%
35) Dibromofluoromethane	7.810	113	110788	53.404	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.800%
50) Toluene-d8	10.269	98	377180	51.080	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.160%
62) 4-Bromofluorobenzene	12.575	95	126550	55.294	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.580%

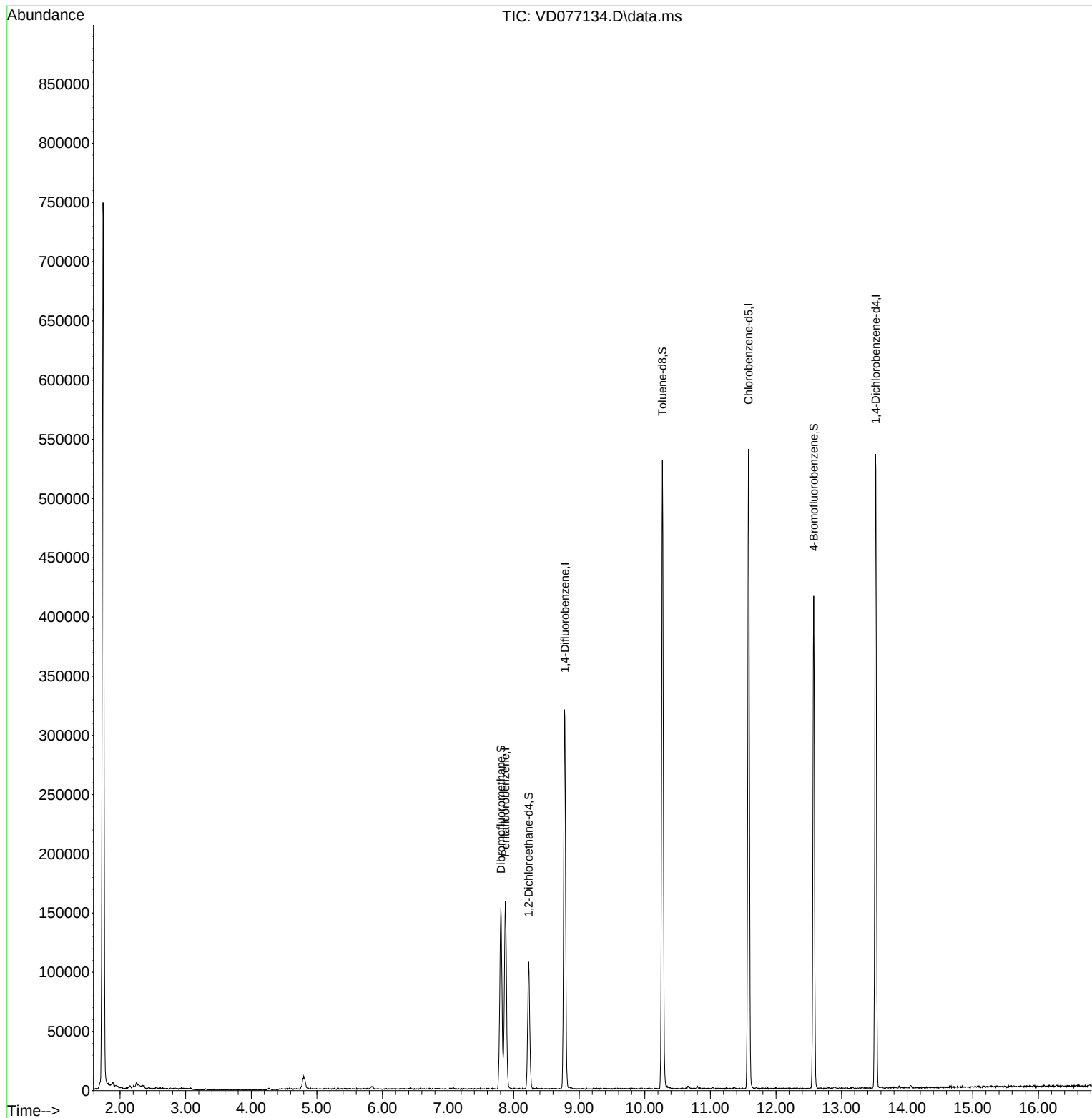
Target Compounds	Qvalue

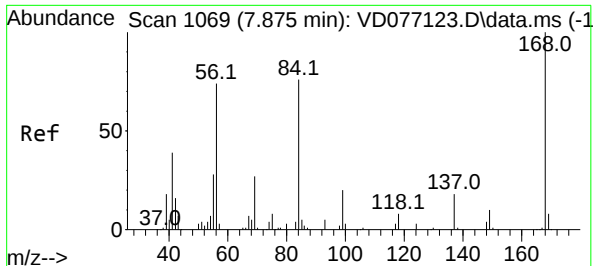
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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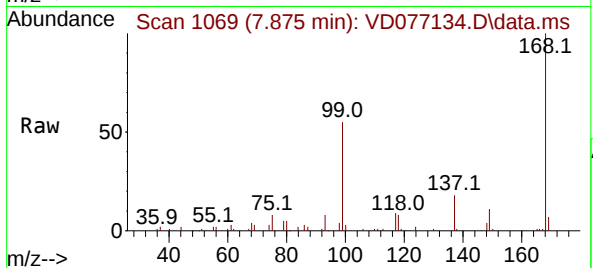
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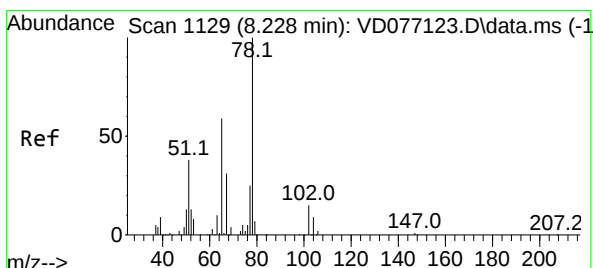
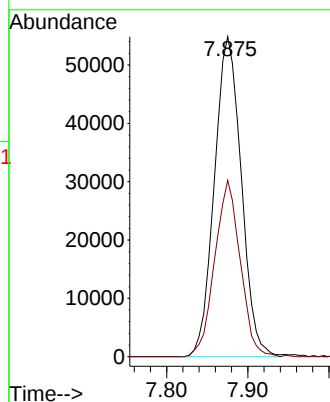
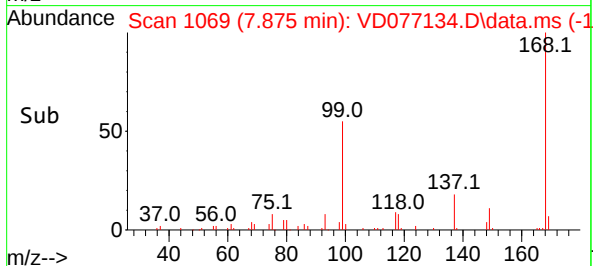


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077134.D
Acq: 18 Sep 2023 17:17

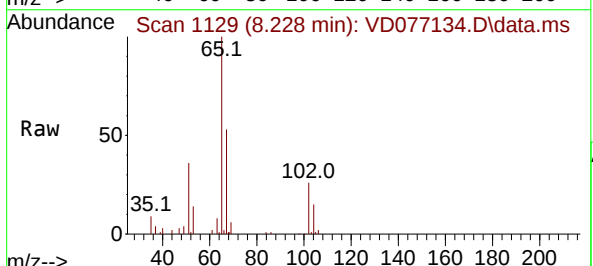
Instrument :
MSVOA_D
ClientSampleId :
CPT102-15(3-3.5)



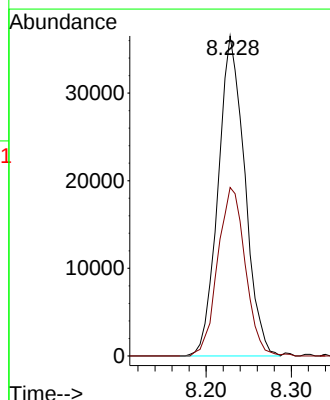
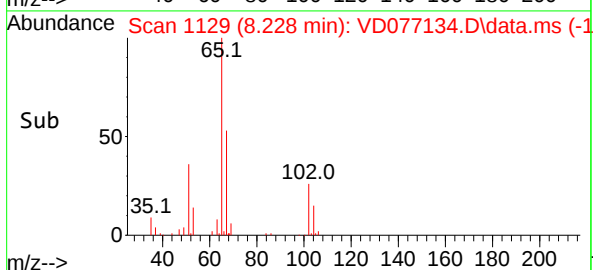
Tgt Ion:168 Resp: 126312
Ion Ratio Lower Upper
168 100
99 55.1 36.7 55.1#

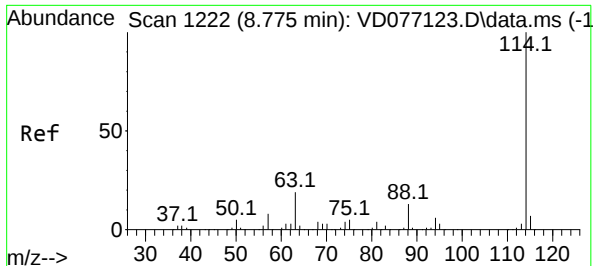


#33
1,2-Dichloroethane-d4
Concen: 62.216 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077134.D
Acq: 18 Sep 2023 17:17



Tgt Ion: 65 Resp: 79310
Ion Ratio Lower Upper
65 100
67 54.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077134.D

Acq: 18 Sep 2023 17:17

Instrument :

MSVOA_D

ClientSampleId :

CPT102-15(3-3.5)

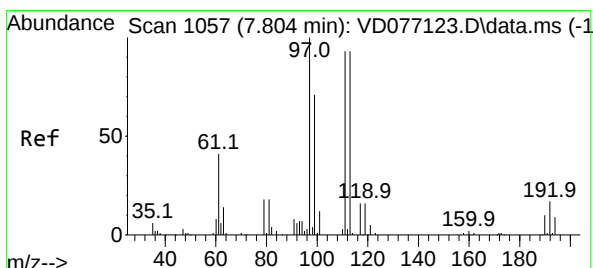
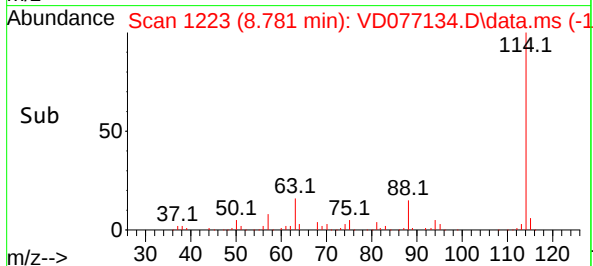
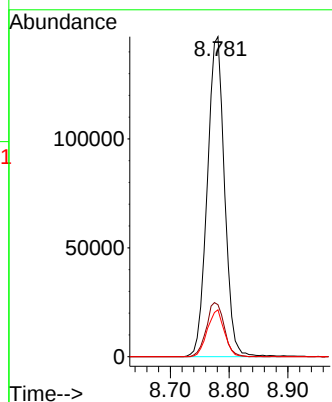
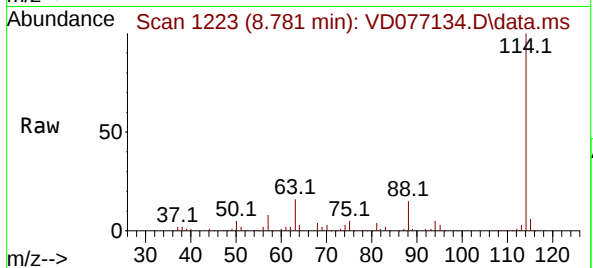
Tgt Ion:114 Resp: 298670

Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.4

88 14.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 53.404 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077134.D

Acq: 18 Sep 2023 17:17

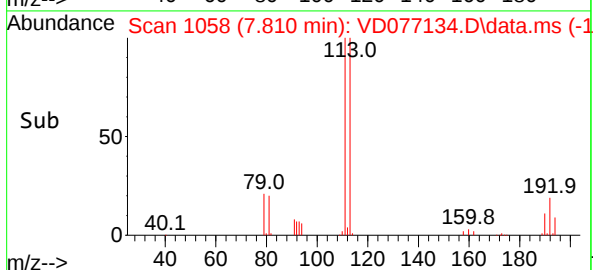
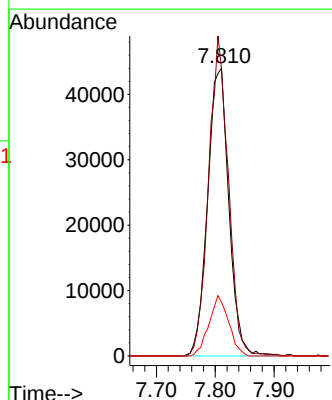
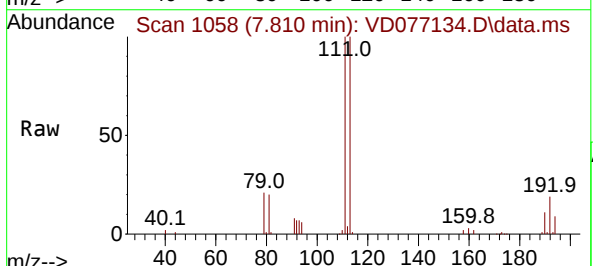
Tgt Ion:113 Resp: 110788

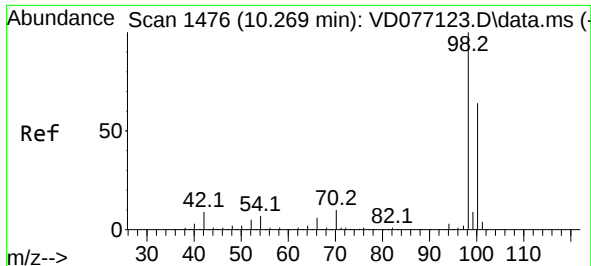
Ion Ratio Lower Upper

113 100

111 102.7 84.7 127.1

192 19.3 16.8 25.2

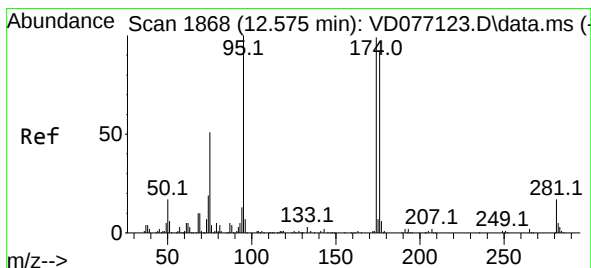
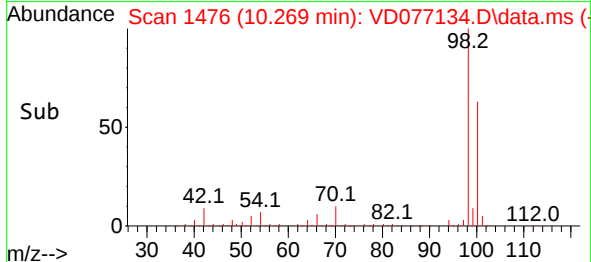
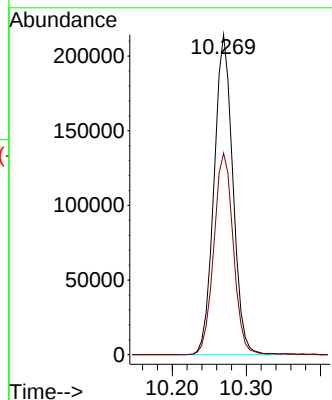
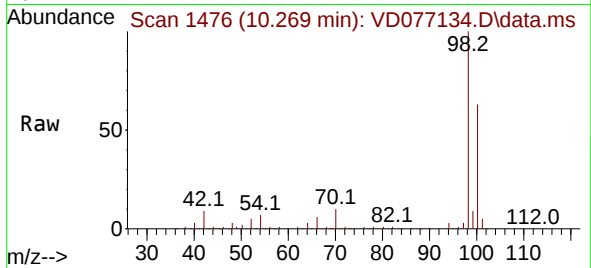




#50
Toluene-d8
Concen: 51.080 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077134.D
Acq: 18 Sep 2023 17:17

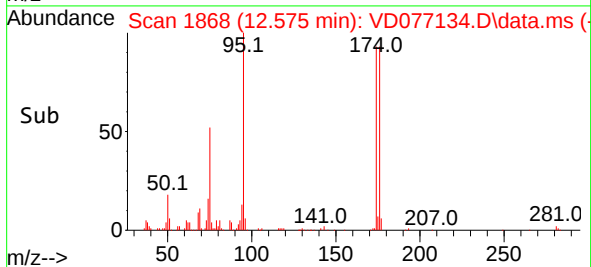
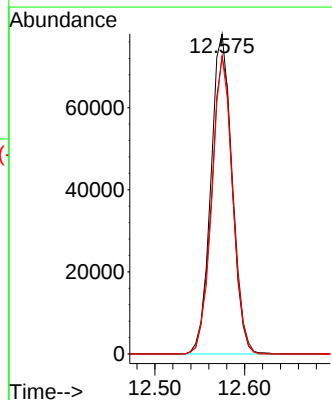
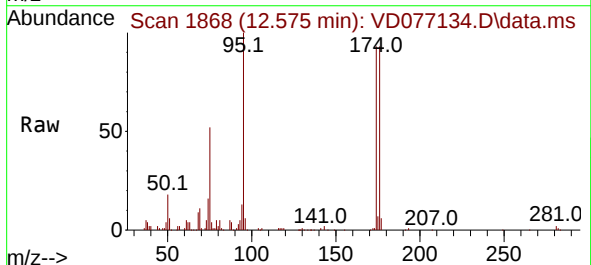
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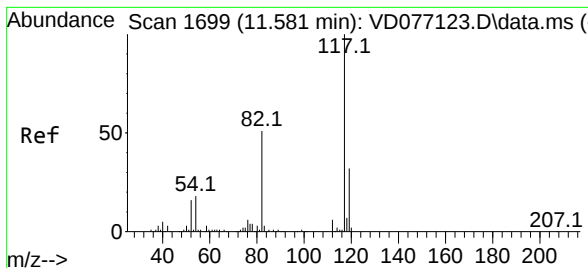
Tgt Ion: 98 Resp: 377180
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 55.294 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077134.D
Acq: 18 Sep 2023 17:17

Tgt Ion: 95 Resp: 126550
Ion Ratio Lower Upper
95 100
174 94.9 0.0 201.8
176 91.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077134.D

Acq: 18 Sep 2023 17:17

Instrument :

MSVOA_D

ClientSampleId :

CPT102-15(3-3.5)

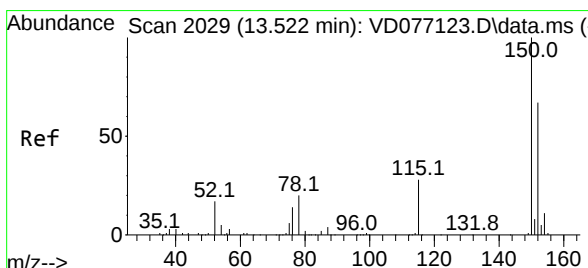
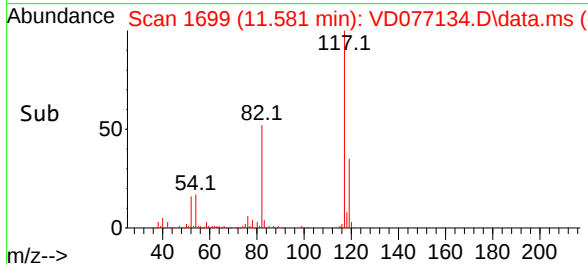
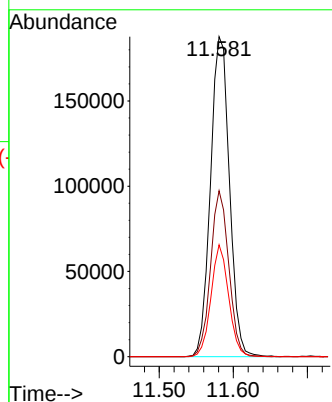
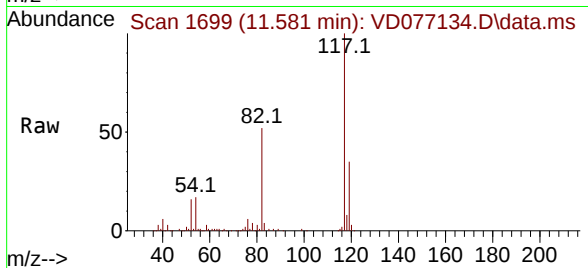
Tgt Ion:117 Resp: 333557

Ion Ratio Lower Upper

117 100

82 51.8 38.3 57.5

119 35.0 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD077134.D

Acq: 18 Sep 2023 17:17

Tgt Ion:152 Resp: 154918

Ion Ratio Lower Upper

152 100

115 54.7 27.1 81.3

150 154.2 0.0 353.6

