

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079714.D
 Acq On : 13 Aug 2024 11:10
 Operator : RP/MD
 Sample : VD0813SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBL01

Quant Time: Aug 14 05:49:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	172374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	345882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	309100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	127752	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	105738	53.319	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.640%
35) Dibromofluoromethane	7.805	113	102221	47.939	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.880%
50) Toluene-d8	10.269	98	406193	45.578	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.160%
62) 4-Bromofluorobenzene	12.569	95	102194	40.954	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.900%

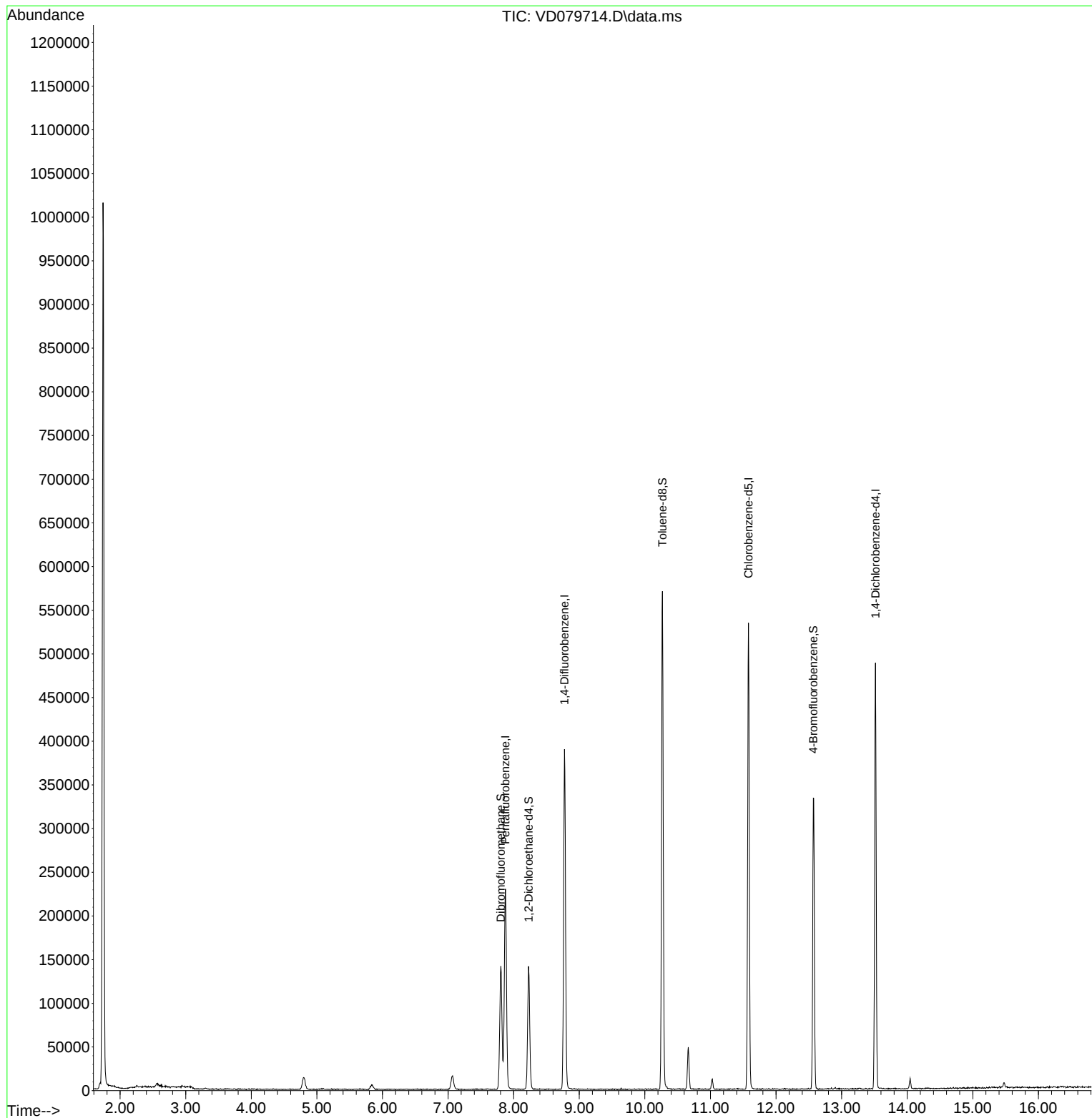
Target Compounds	Qvalue

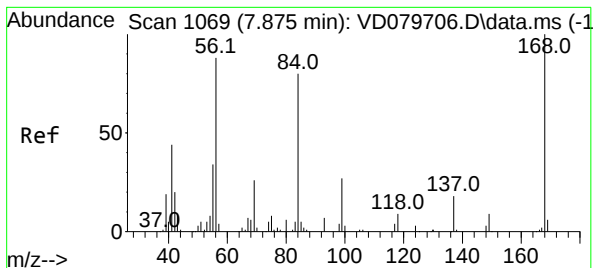
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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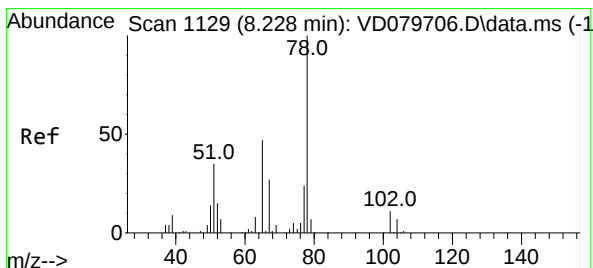
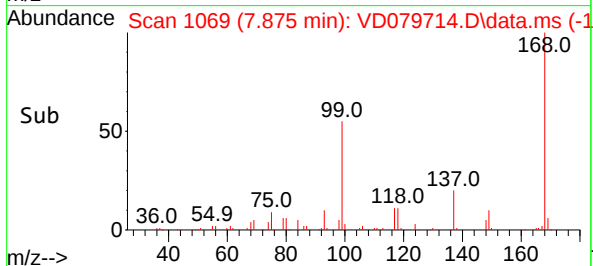
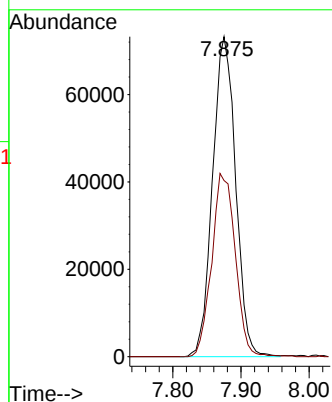
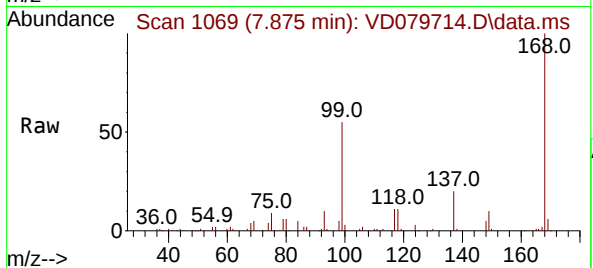




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079714.D
Acq: 13 Aug 2024 11:10

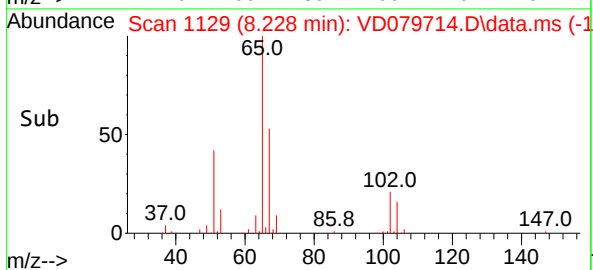
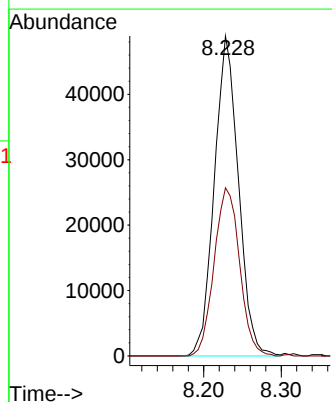
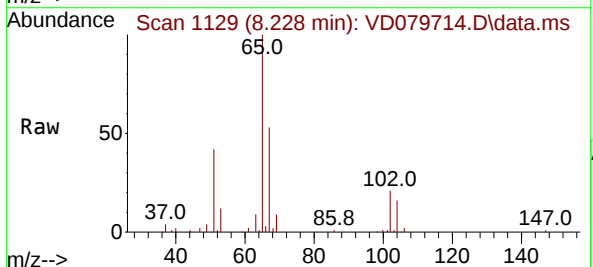
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBL01

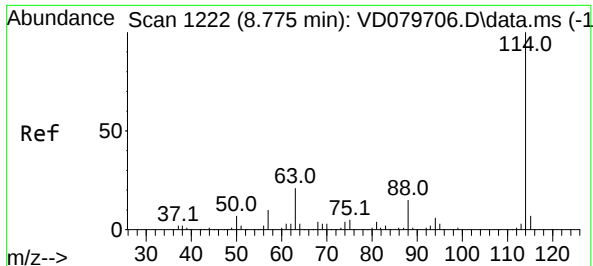
Tgt Ion:168 Resp: 172374
Ion Ratio Lower Upper
168 100
99 55.0 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 53.319 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079714.D
Acq: 13 Aug 2024 11:10

Tgt Ion: 65 Resp: 105738
Ion Ratio Lower Upper
65 100
67 55.5 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079714.D

Acq: 13 Aug 2024 11:10

Instrument :

MSVOA_D

ClientSampleId :

VD0813SBL01

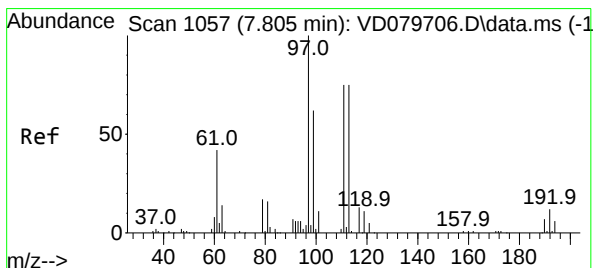
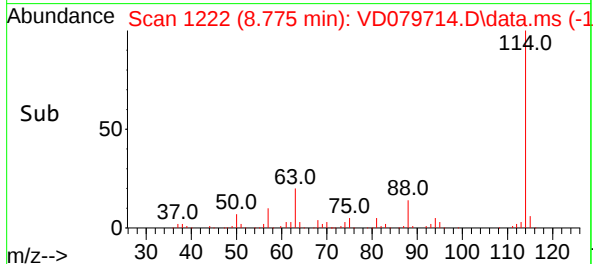
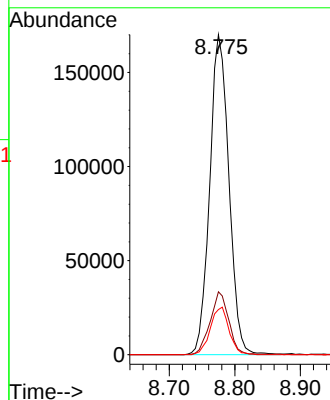
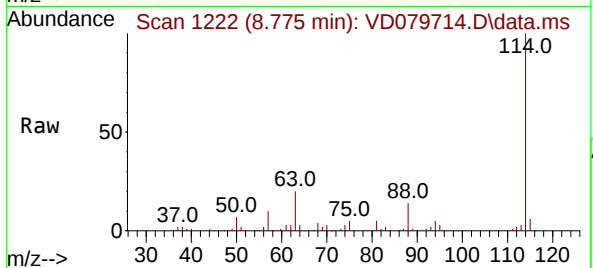
Tgt Ion:114 Resp: 345882

Ion Ratio Lower Upper

114 100

63 19.7 0.0 34.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.939 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079714.D

Acq: 13 Aug 2024 11:10

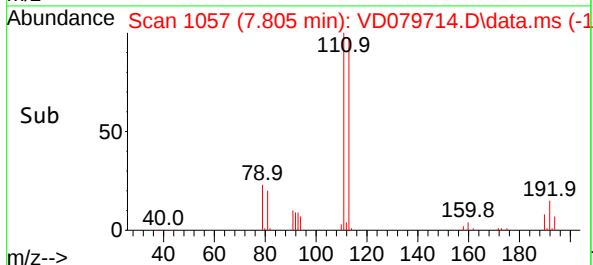
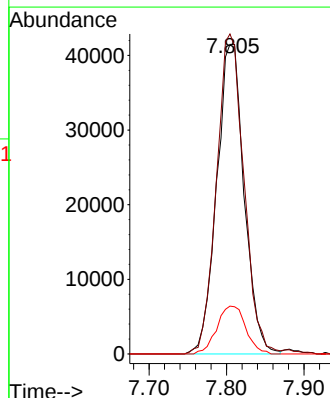
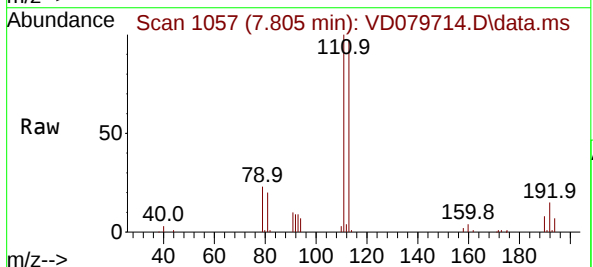
Tgt Ion:113 Resp: 102221

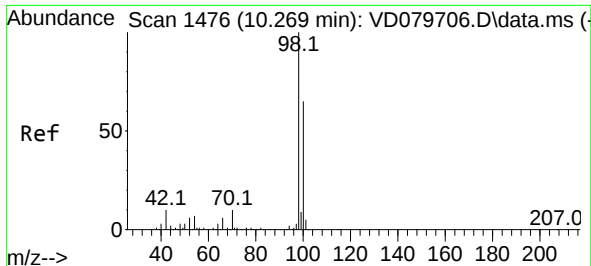
Ion Ratio Lower Upper

113 100

111 103.1 84.0 126.0

192 16.3 15.4 23.0

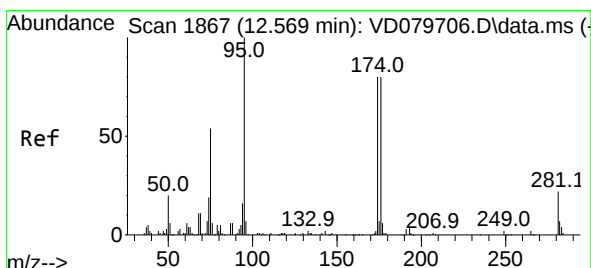
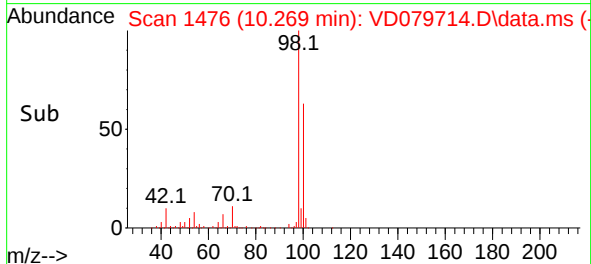
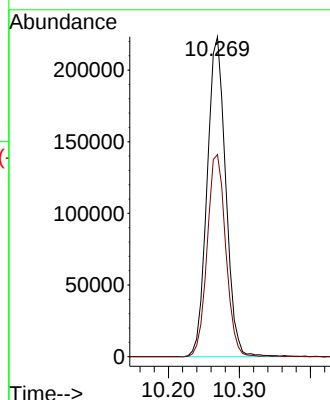
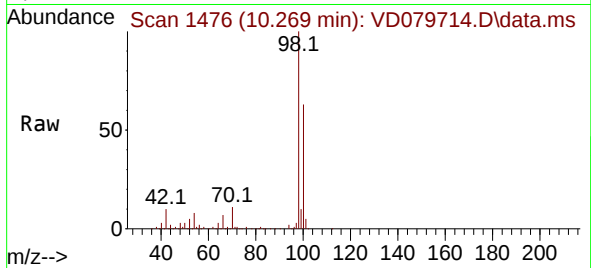




#50
Toluene-d8
Concen: 45.578 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079714.D
Acq: 13 Aug 2024 11:10

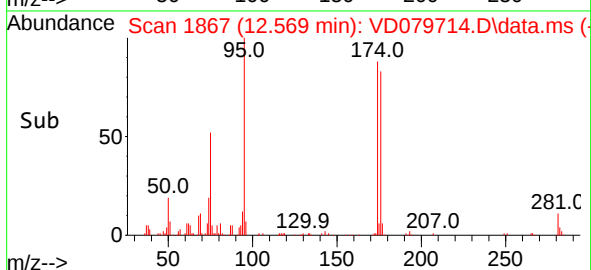
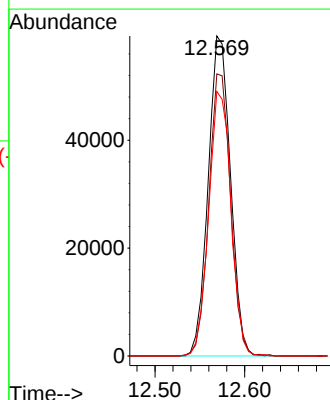
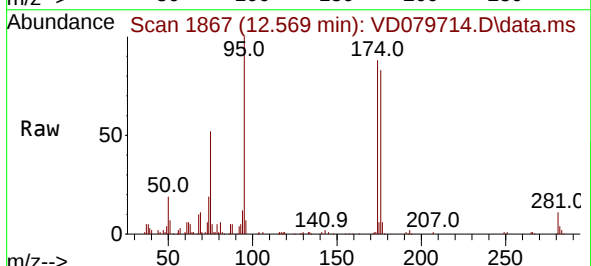
Instrument :
MSVOA_D
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VD0813SBL01

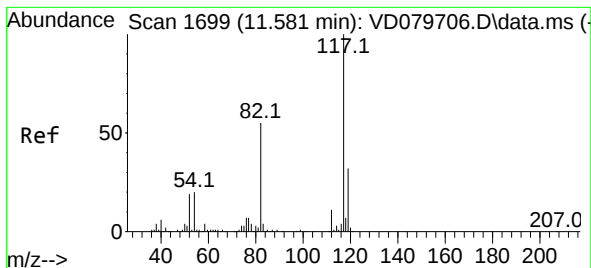
Tgt Ion: 98 Resp: 406193
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 40.954 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079714.D
Acq: 13 Aug 2024 11:10

Tgt Ion: 95 Resp: 102194
Ion Ratio Lower Upper
95 100
174 86.3 0.0 195.4
176 82.7 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079714.D

Acq: 13 Aug 2024 11:10

Instrument :

MSVOA_D

ClientSampleId :

VD0813SBL01

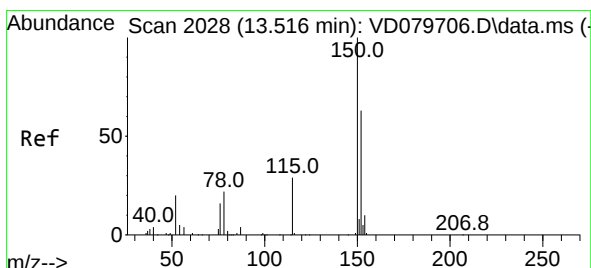
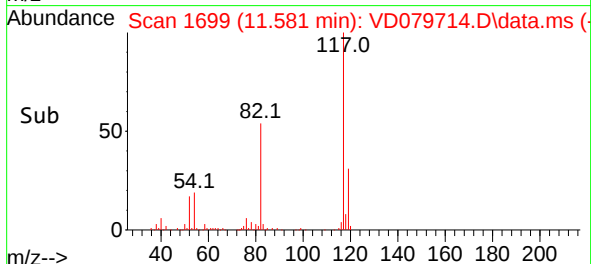
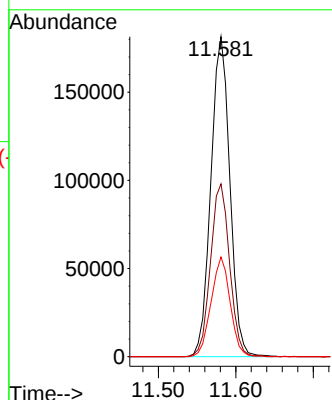
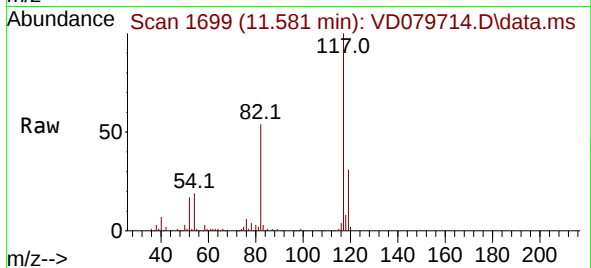
Tgt Ion:117 Resp: 309100

Ion Ratio Lower Upper

117 100

82 54.0 39.8 59.6

119 31.1 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD079714.D

Acq: 13 Aug 2024 11:10

Tgt Ion:152 Resp: 127752

Ion Ratio Lower Upper

152 100

115 58.1 26.5 79.5

150 159.3 0.0 341.6

