

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101822\
 Data File : VD074569.D
 Acq On : 18 Oct 2022 17:02
 Operator : VA/SY
 Sample : N5184-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-101822

Quant Time: Oct 19 02:47:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	6909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	12826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	14180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	6467	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	7715	129.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	259.460%#
35) Dibromofluoromethane	7.805	113	6273	83.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	166.020%#
50) Toluene-d8	10.269	98	16131	54.768	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.540%
62) 4-Bromofluorobenzene	12.569	95	5534	62.760	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.520%

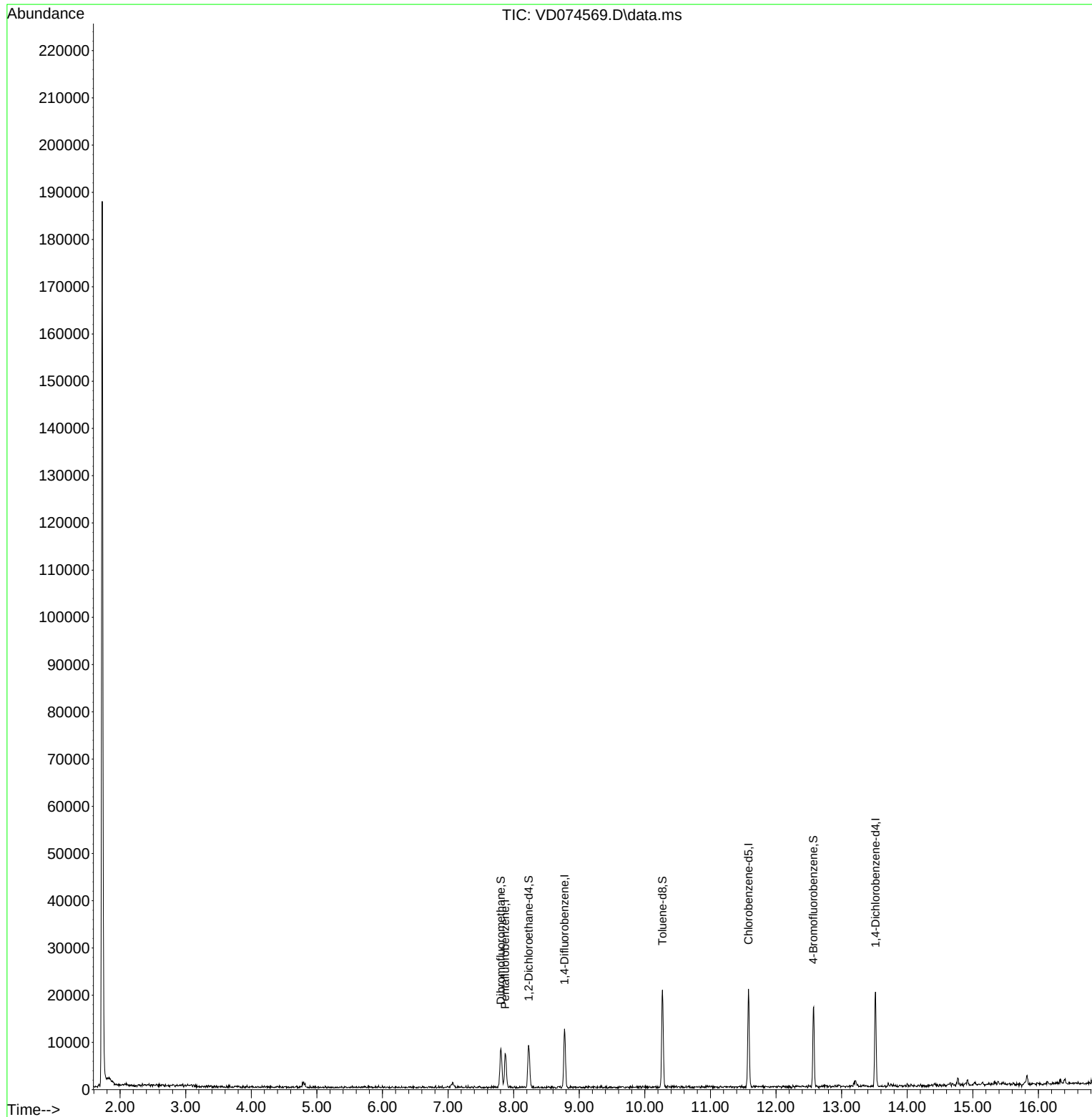
Target Compounds	Qvalue

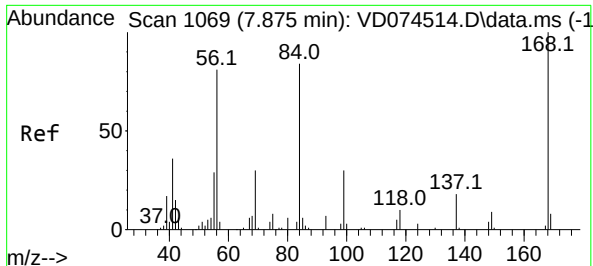
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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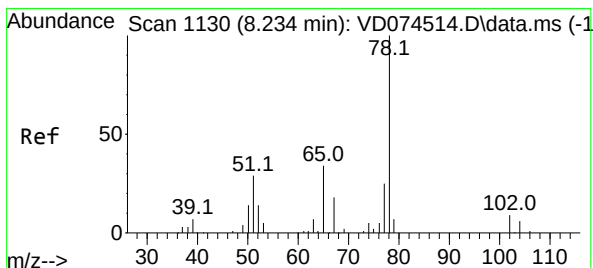
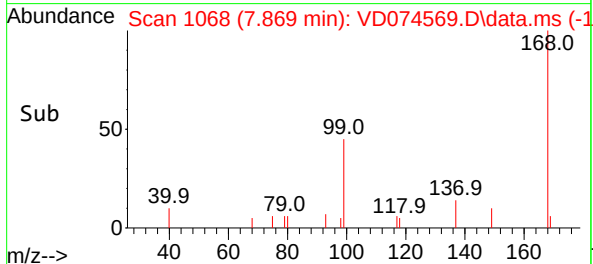
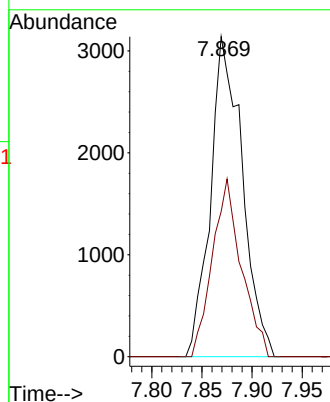
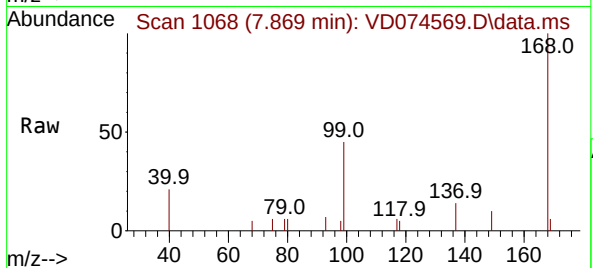




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD074569.D
Acq: 18 Oct 2022 17:02

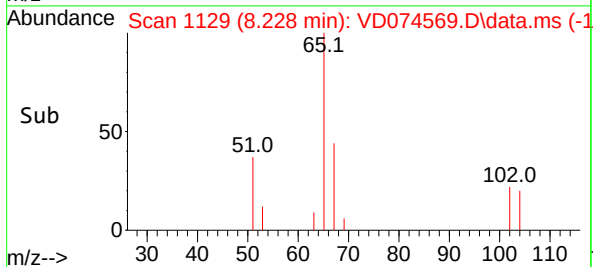
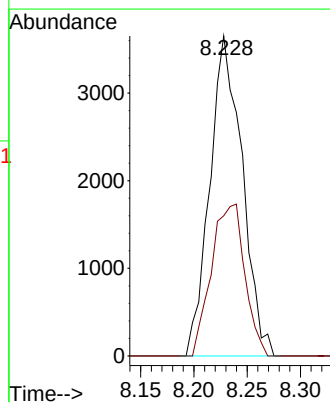
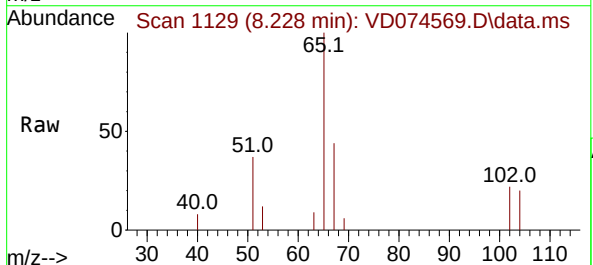
Instrument :
MSVOA_D
ClientSampleId :
EO-02-101822

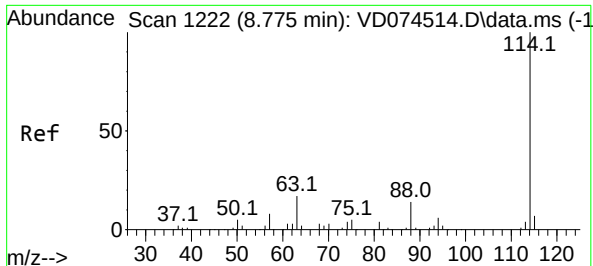
Tgt Ion:168 Resp: 6909
Ion Ratio Lower Upper
168 100
99 45.4 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 129.730 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074569.D
Acq: 18 Oct 2022 17:02

Tgt Ion: 65 Resp: 7715
Ion Ratio Lower Upper
65 100
67 48.9 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: VD074569.D

Acq: 18 Oct 2022 17:02

Instrument :

MSVOA_D

ClientSampleId :

EO-02-101822

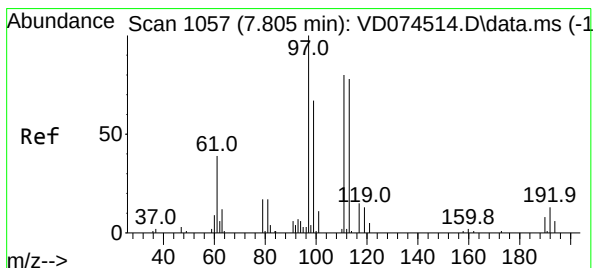
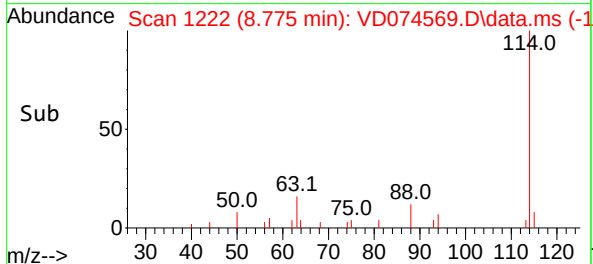
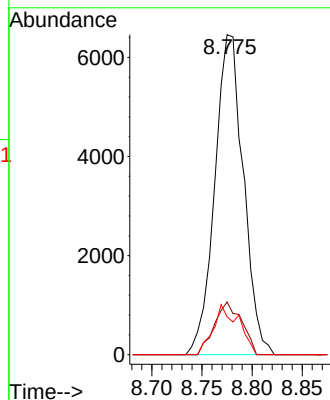
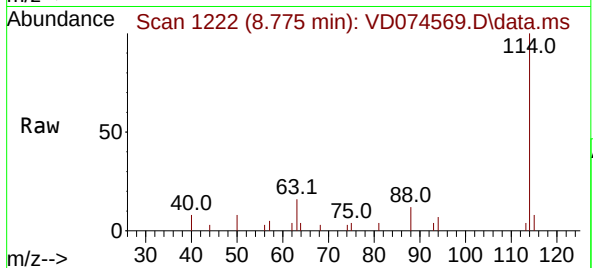
Tgt Ion:114 Resp: 12826

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 11.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 83.012 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074569.D

Acq: 18 Oct 2022 17:02

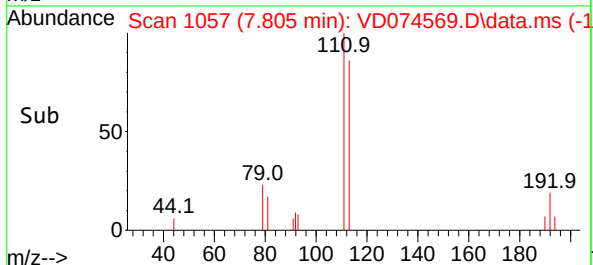
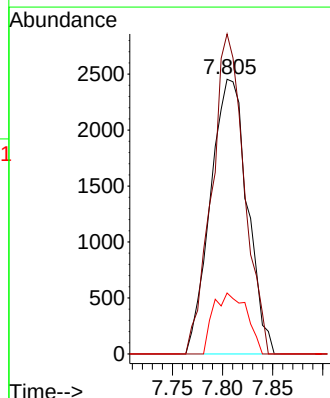
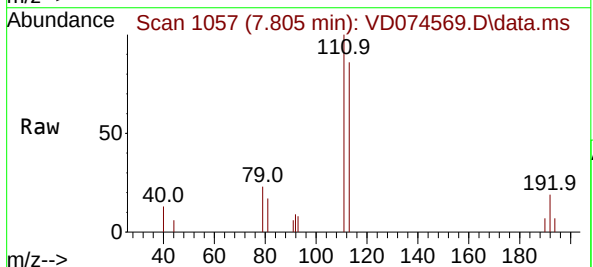
Tgt Ion:113 Resp: 6273

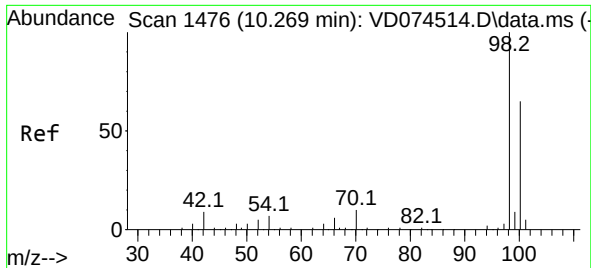
Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

192 20.2 16.4 24.6

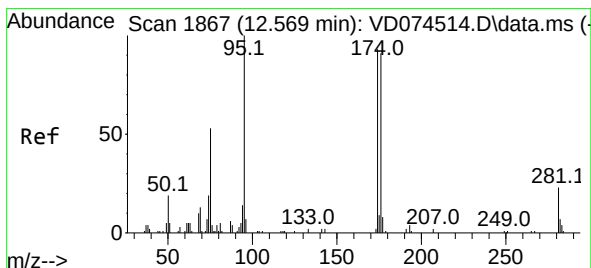
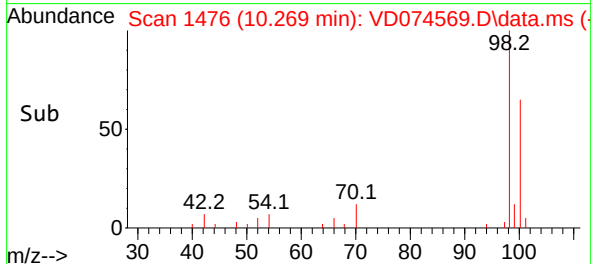
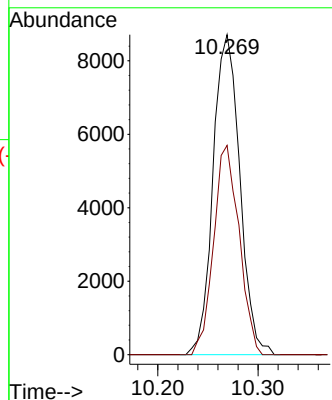
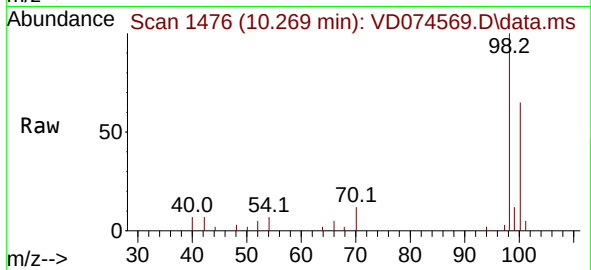




#50
Toluene-d8
Concen: 54.768 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074569.D
Acq: 18 Oct 2022 17:02

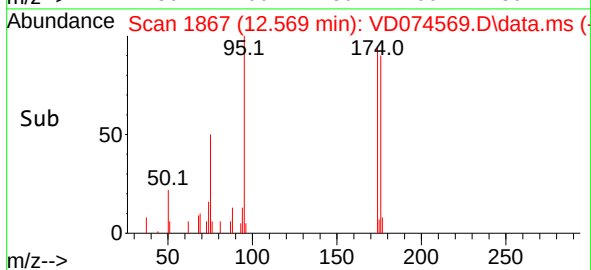
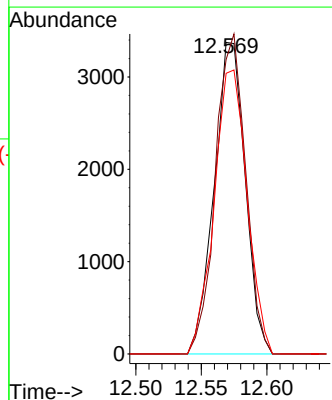
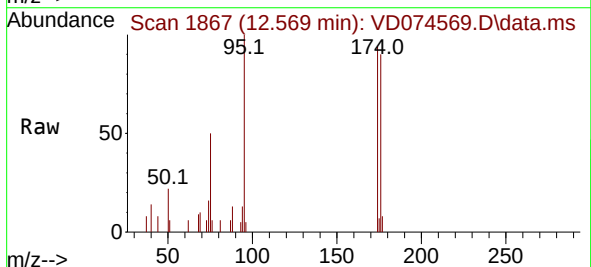
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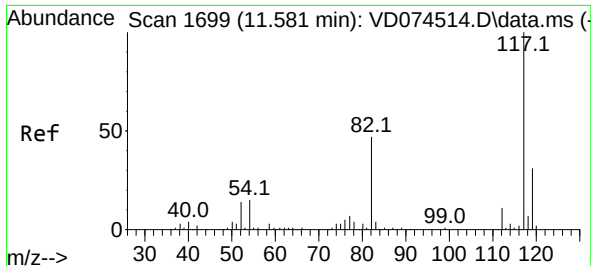
Tgt Ion: 98 Resp: 16131
Ion Ratio Lower Upper
98 100
100 62.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 62.760 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074569.D
Acq: 18 Oct 2022 17:02

Tgt Ion: 95 Resp: 5534
Ion Ratio Lower Upper
95 100
174 100.2 0.0 197.0
176 97.1 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: VD074569.D

Acq: 18 Oct 2022 17:02

Instrument :

MSVOA_D

ClientSampleId :

EO-02-101822

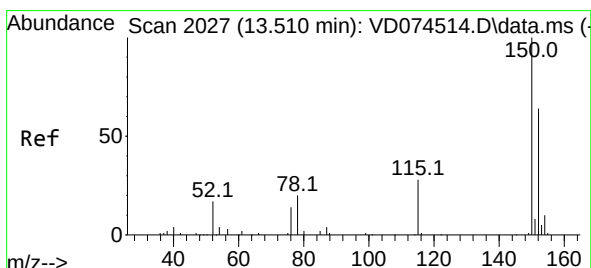
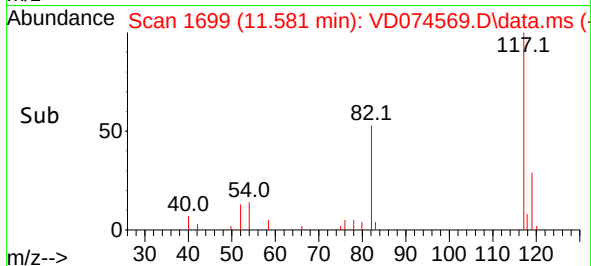
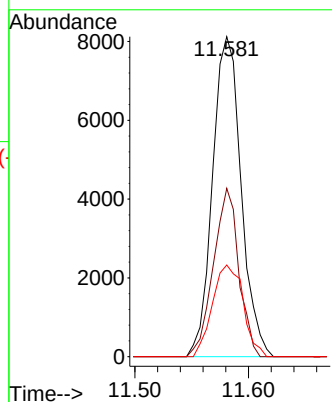
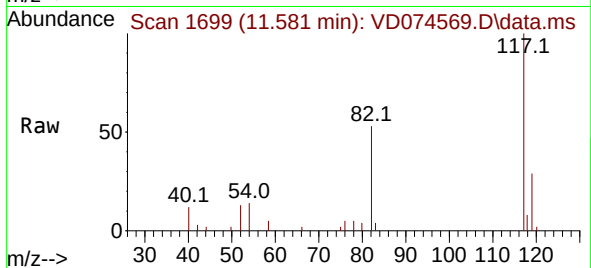
Tgt Ion:117 Resp: 14180

Ion Ratio Lower Upper

117 100

82 52.6 41.6 62.4

119 28.6 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.006 min

Lab File: VD074569.D

Acq: 18 Oct 2022 17:02

Tgt Ion:152 Resp: 6467

Ion Ratio Lower Upper

152 100

115 55.0 26.8 80.4

150 154.2 0.0 348.2

