

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
 Data File : VD079759.D
 Acq On : 30 Aug 2024 17:09
 Operator : RP/MD
 Sample : P3746-01
 Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DNB-44-COMPOSITE

Quant Time: Aug 31 04:46:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	10601	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	21944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	21948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	6896	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	14143	97.846	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	195.700%#
35) Dibromofluoromethane	7.799	113	9977	69.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	139.900%
50) Toluene-d8	10.269	98	28138	45.998	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.000%
62) 4-Bromofluorobenzene	12.569	95	6951	40.610	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	81.220%

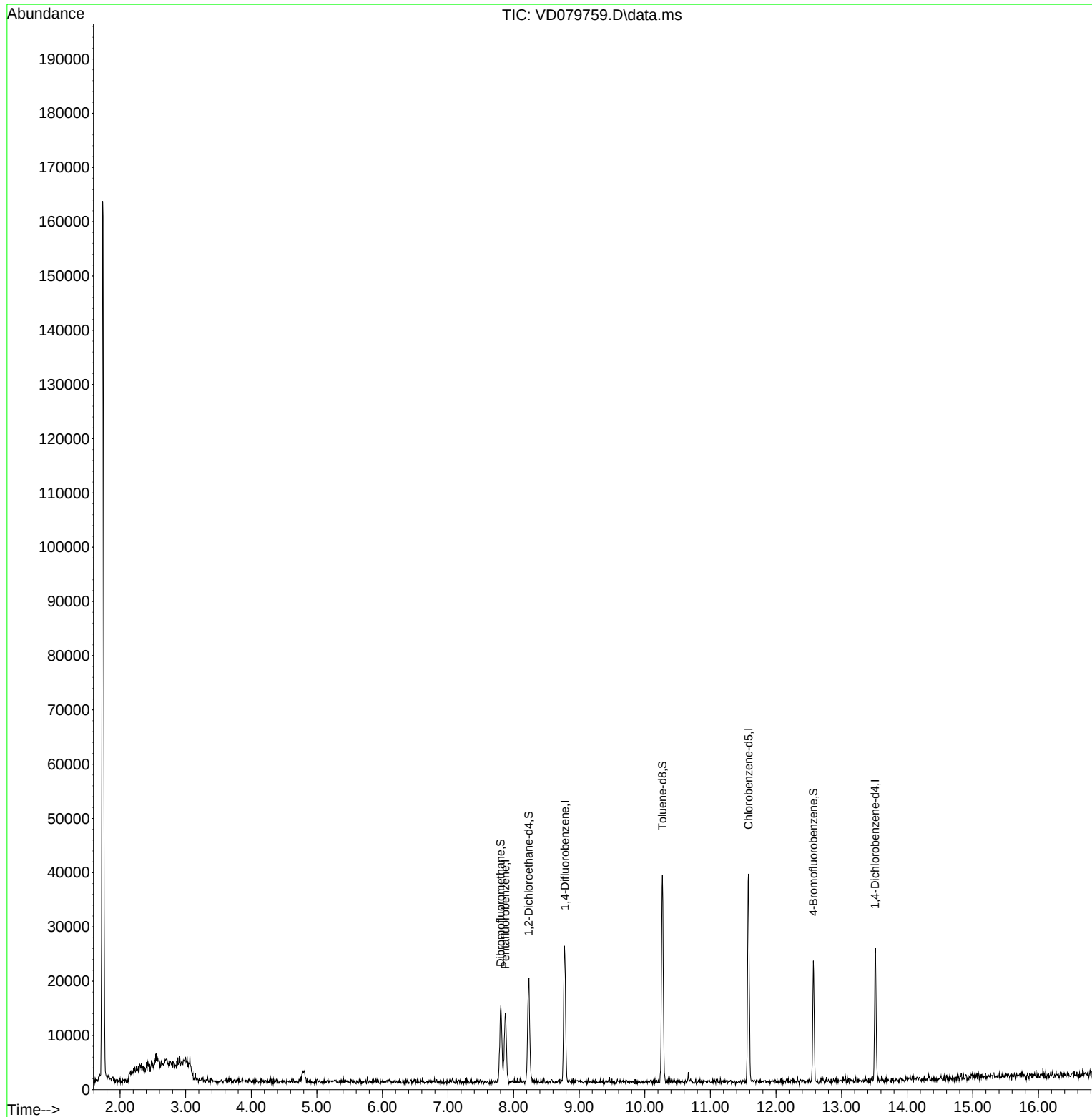
Target Compounds	Qvalue

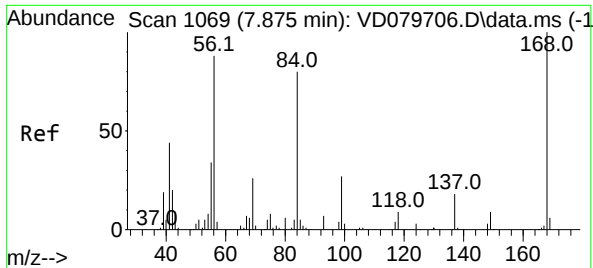
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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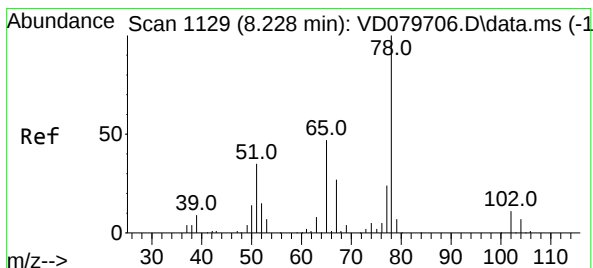
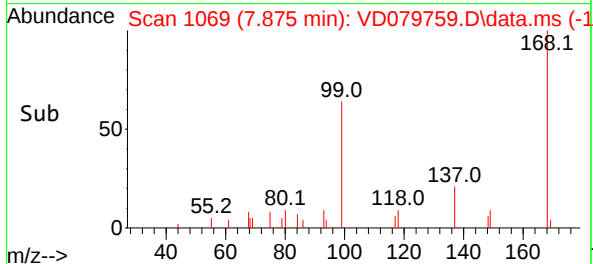
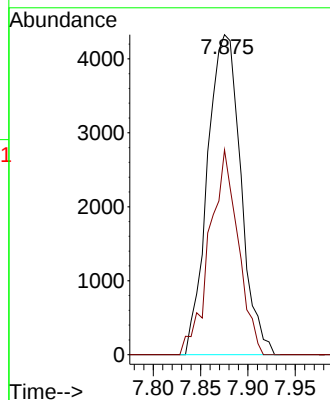
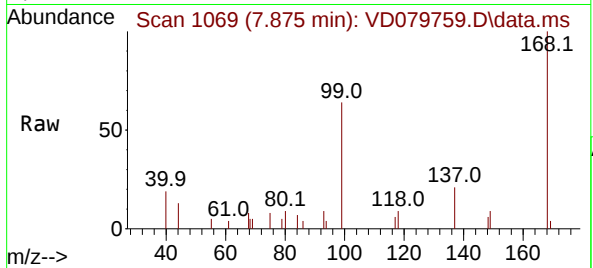




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09

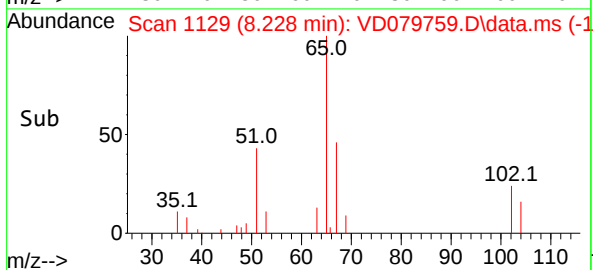
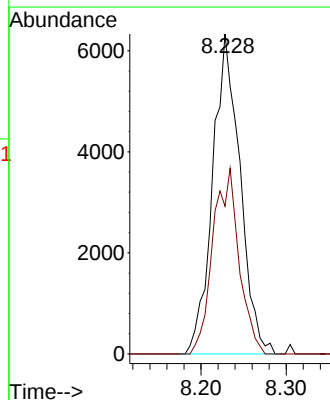
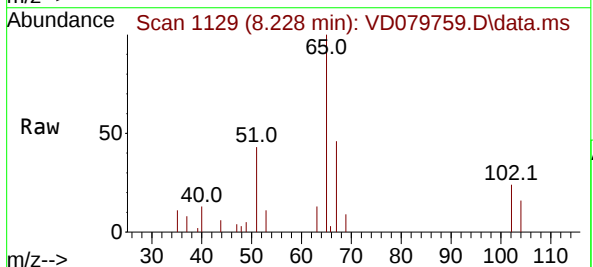
Instrument :
MSVOA_D
ClientSampleId :
DNB-44-COMPOSITE

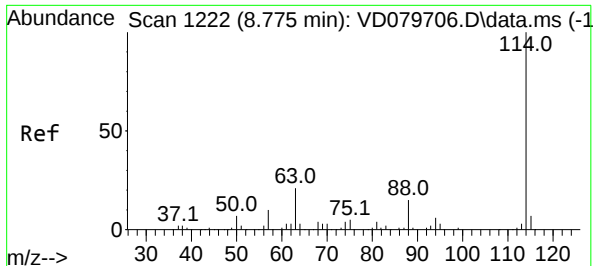
Tgt Ion:168 Resp: 10601
Ion Ratio Lower Upper
168 100
99 64.0 41.1 61.7#



#33
1,2-Dichloroethane-d4
Concen: 97.846 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09

Tgt Ion: 65 Resp: 14143
Ion Ratio Lower Upper
65 100
67 55.3 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079759.D

Acq: 30 Aug 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

DNB-44-COMPOSITE

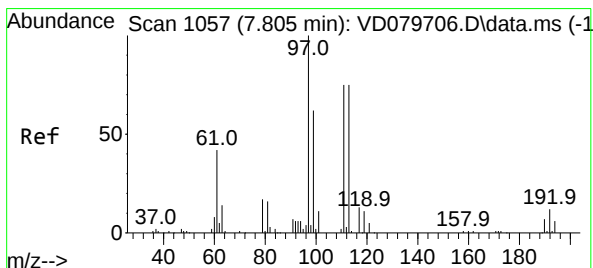
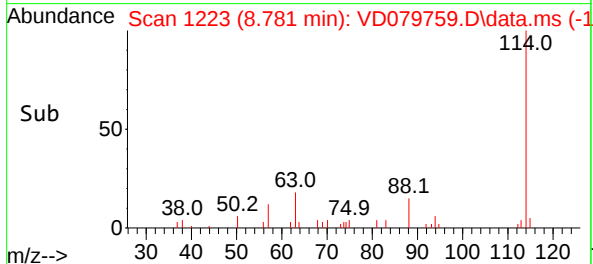
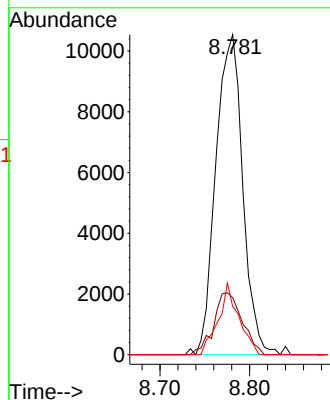
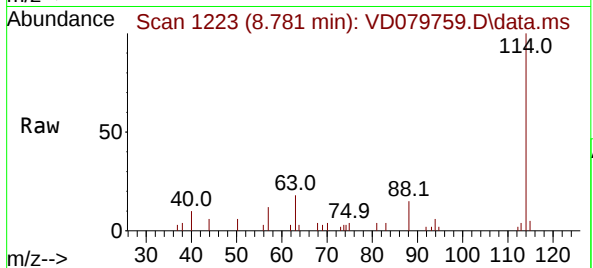
Tgt Ion:114 Resp: 21944

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 69.948 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079759.D

Acq: 30 Aug 2024 17:09

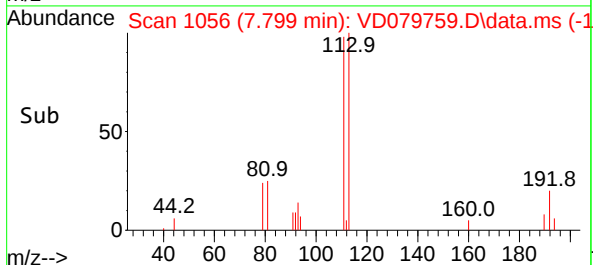
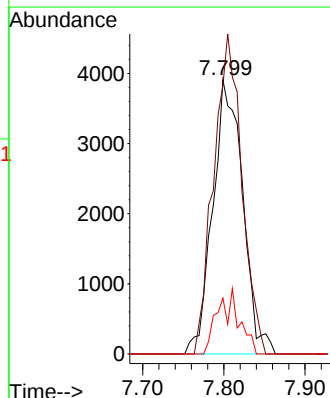
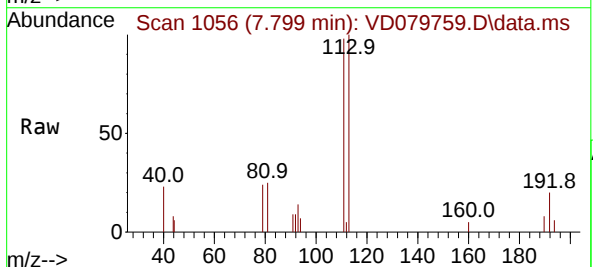
Tgt Ion:113 Resp: 9977

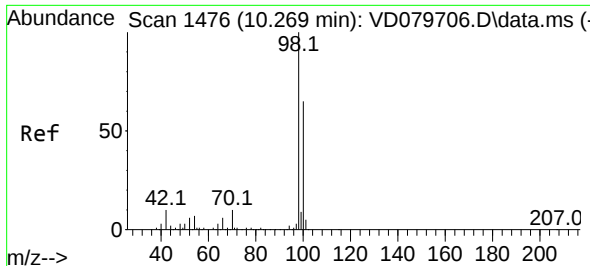
Ion Ratio Lower Upper

113 100

111 110.0 84.0 126.0

192 9.0 15.4 23.0#

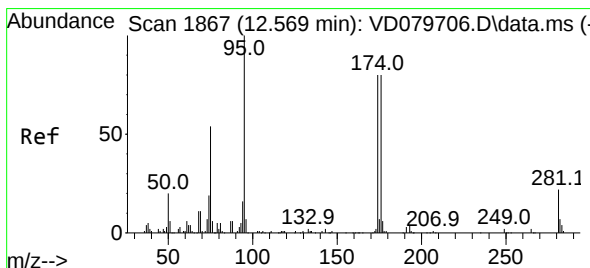
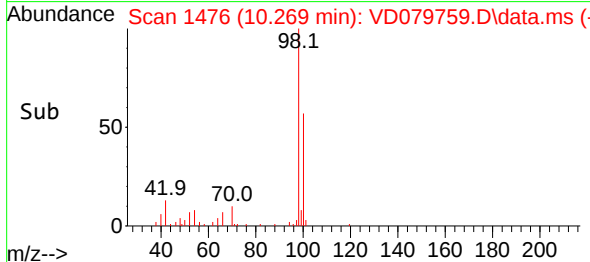
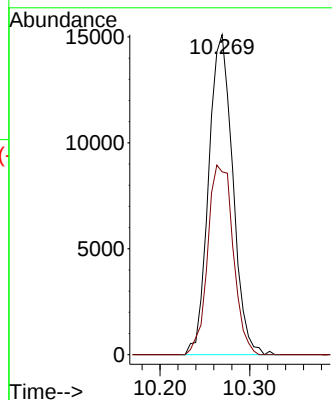
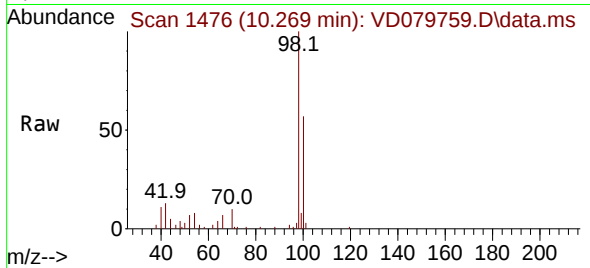




#50
Toluene-d8
Concen: 45.998 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09

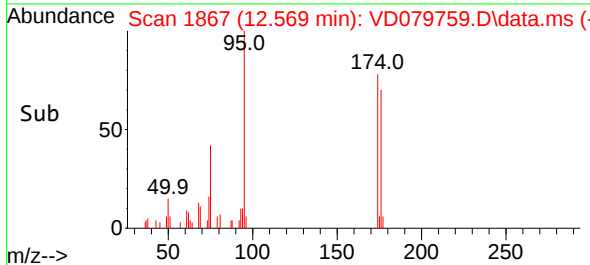
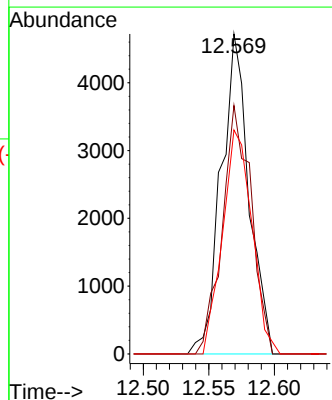
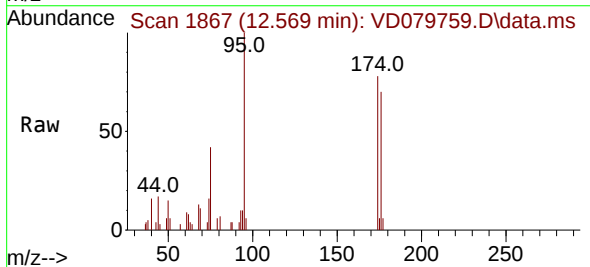
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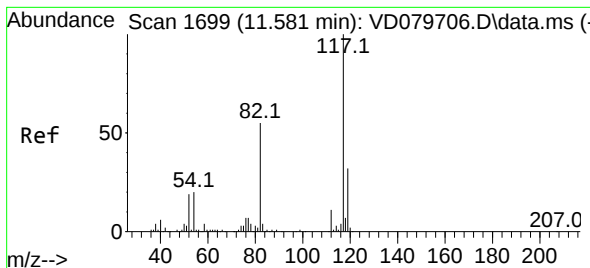
Tgt Ion: 98 Resp: 28138
Ion Ratio Lower Upper
98 100
100 62.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 40.610 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079759.D
Acq: 30 Aug 2024 17:09

Tgt Ion: 95 Resp: 6951
Ion Ratio Lower Upper
95 100
174 80.8 0.0 195.4
176 74.3 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: VD079759.D

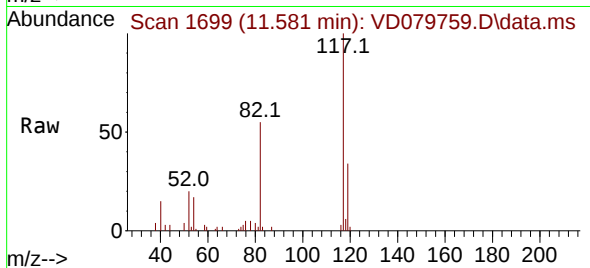
Acq: 30 Aug 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

DNB-44-COMPOSITE



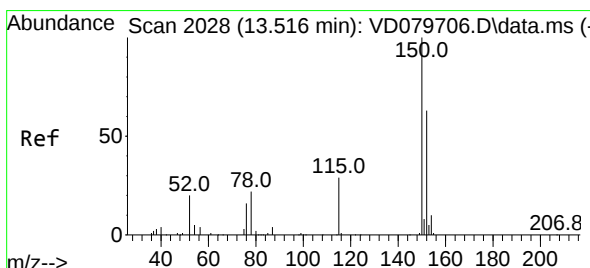
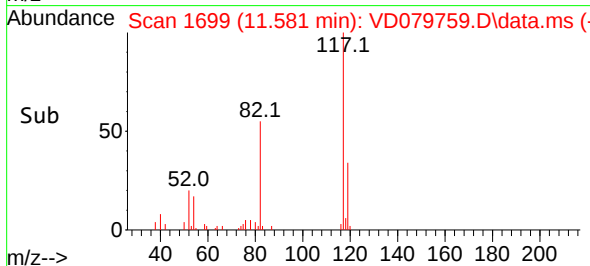
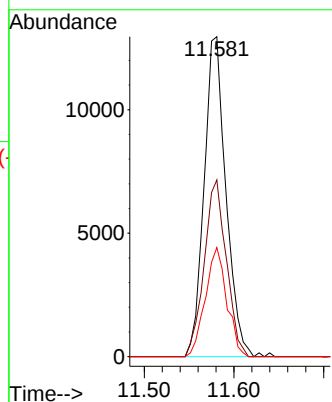
Tgt Ion:117 Resp: 21948

Ion Ratio Lower Upper

117 100

82 55.2 39.8 59.6

119 34.1 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.510 min Scan# 2027

Delta R.T. -0.006 min

Lab File: VD079759.D

Acq: 30 Aug 2024 17:09

Tgt Ion:152 Resp: 6896

Ion Ratio Lower Upper

152 100

115 58.9 26.5 79.5

150 154.0 0.0 341.6

