

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081224\
 Data File : VD079709.D
 Acq On : 12 Aug 2024 14:08
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Aug 13 01:28:24 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	97340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	474871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	551937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	242959	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	122928	109.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	219.540%#
35) Dibromofluoromethane	7.804	113	192210	65.657	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.320%
50) Toluene-d8	10.269	98	679973	55.574	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.140%
62) 4-Bromofluorobenzene	12.569	95	226060	65.986	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	131.980%

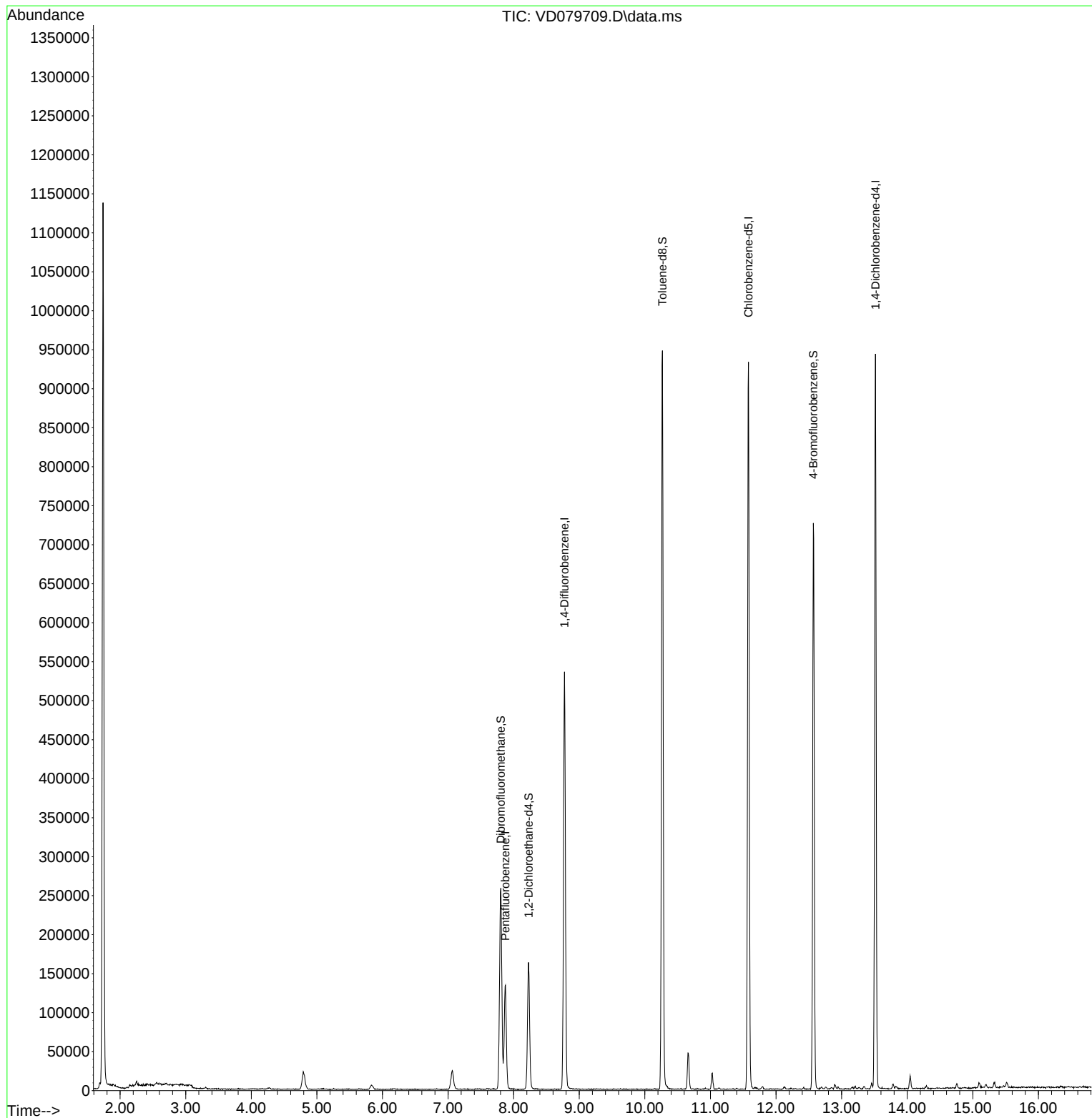
Target Compounds	Qvalue

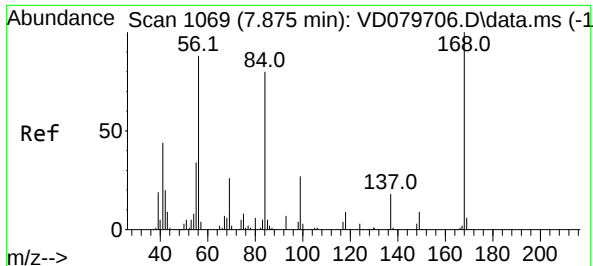
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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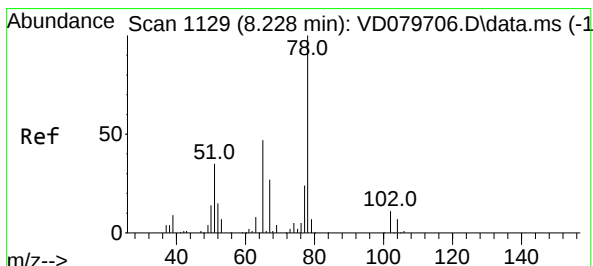
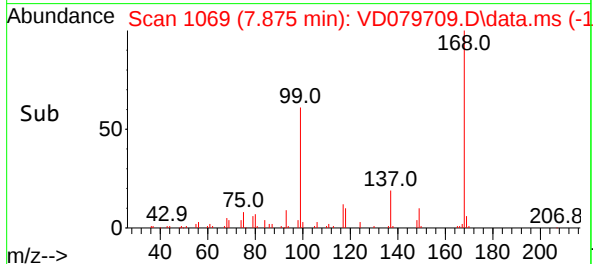
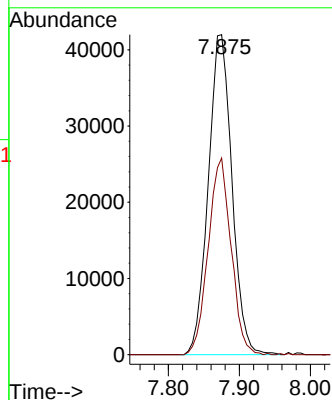
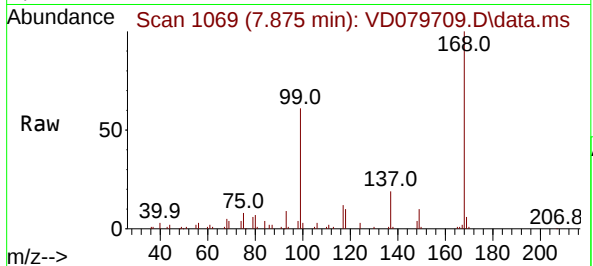




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079709.D
Acq: 12 Aug 2024 14:08

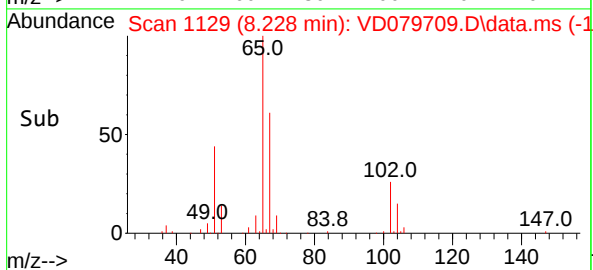
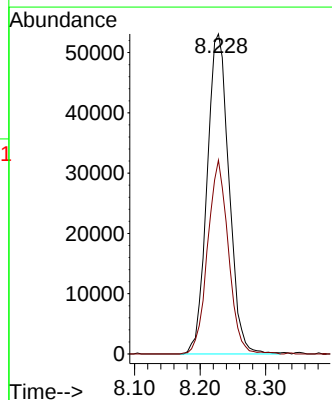
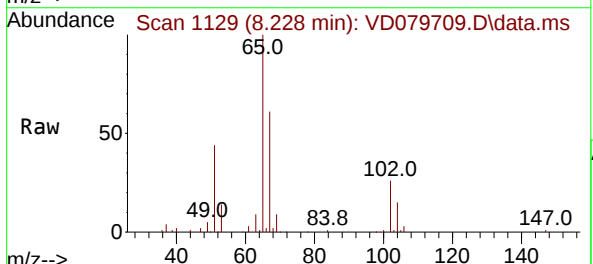
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

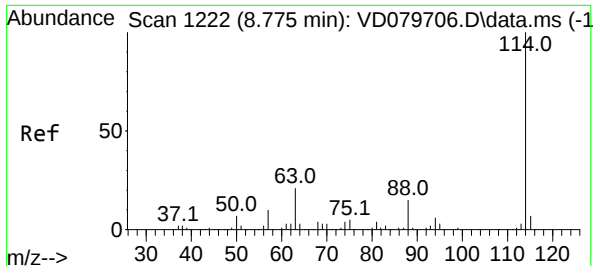
Tgt Ion:168 Resp: 97340
Ion Ratio Lower Upper
168 100
99 61.5 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 109.769 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079709.D
Acq: 12 Aug 2024 14:08

Tgt Ion: 65 Resp: 122928
Ion Ratio Lower Upper
65 100
67 57.6 0.0 111.0

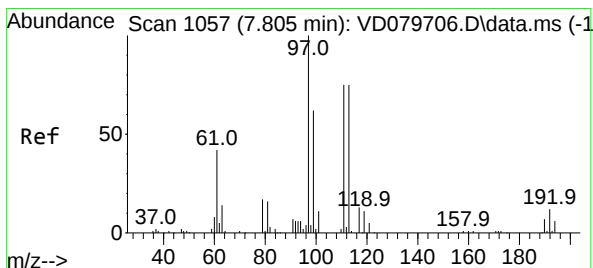
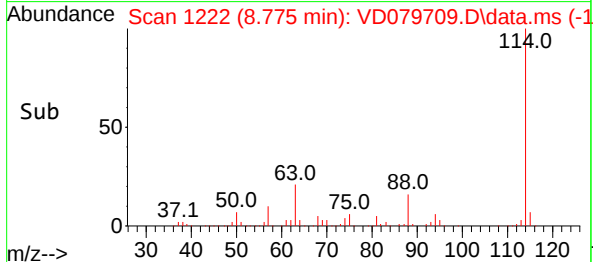
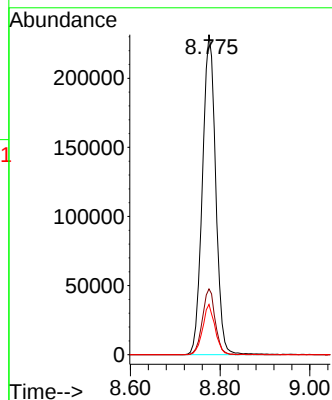
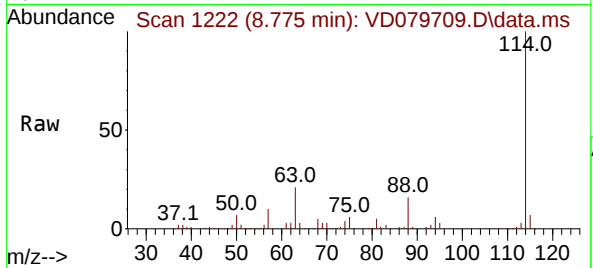




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079709.D
Acq: 12 Aug 2024 14:08

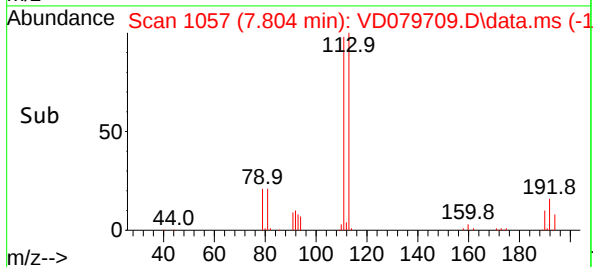
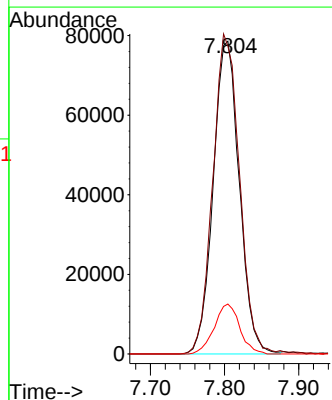
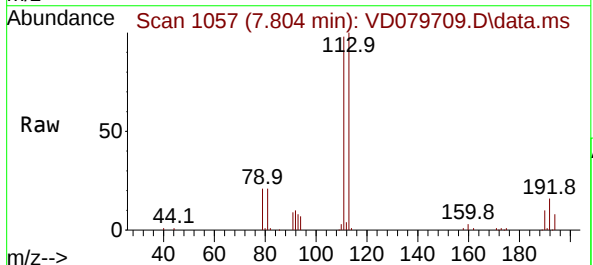
Instrument :
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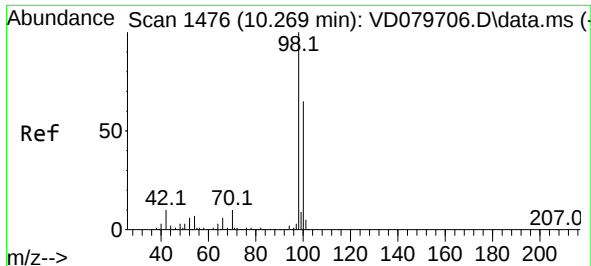
Tgt Ion:114 Resp: 474871
Ion Ratio Lower Upper
114 100
63 20.5 0.0 34.0
88 15.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 65.657 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079709.D
Acq: 12 Aug 2024 14:08

Tgt Ion:113 Resp: 192210
Ion Ratio Lower Upper
113 100
111 105.0 84.0 126.0
192 15.6 15.4 23.0

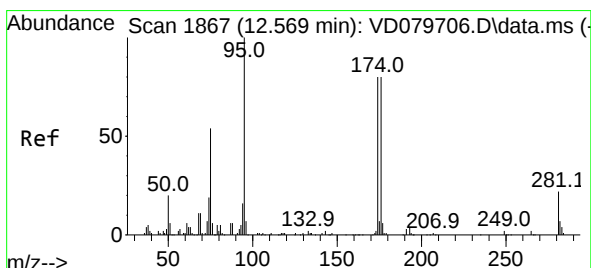
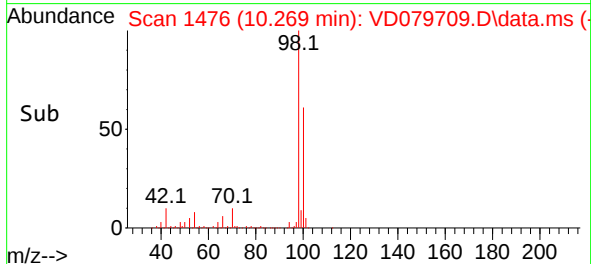
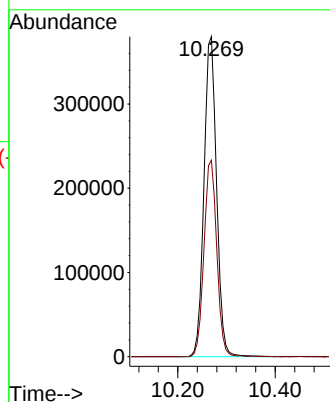
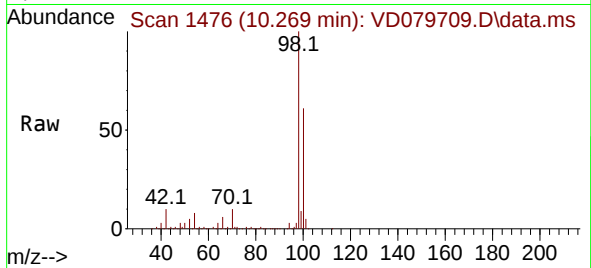




#50
Toluene-d8
Concen: 55.574 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079709.D
Acq: 12 Aug 2024 14:08

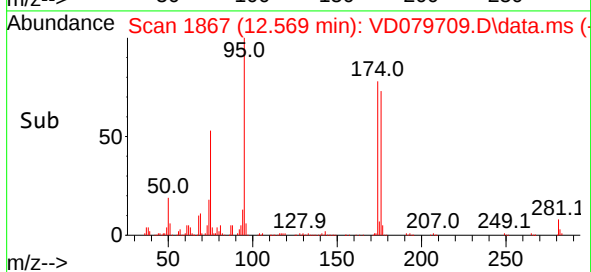
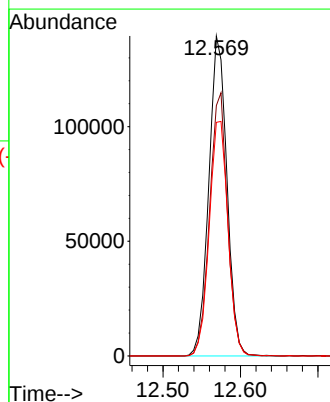
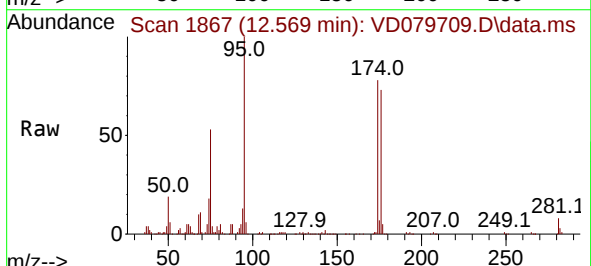
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

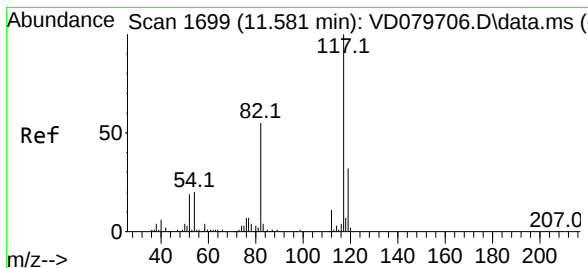
Tgt Ion: 98 Resp: 679973
Ion Ratio Lower Upper
98 100
100 62.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 65.986 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079709.D
Acq: 12 Aug 2024 14:08

Tgt Ion: 95 Resp: 226060
Ion Ratio Lower Upper
95 100
174 81.5 0.0 195.4
176 76.1 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: VD079709.D

Acq: 12 Aug 2024 14:08

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

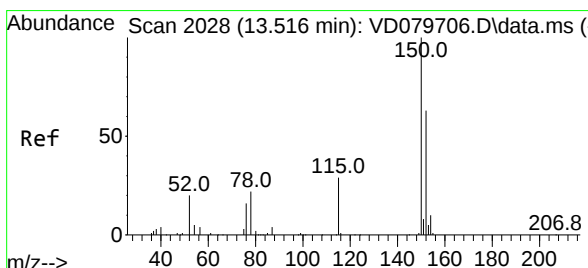
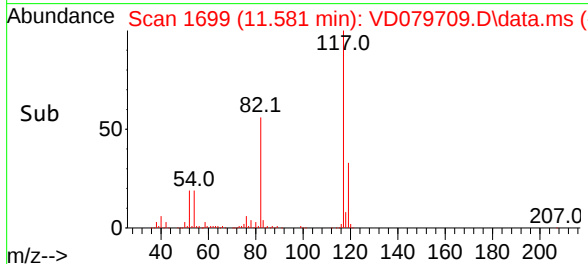
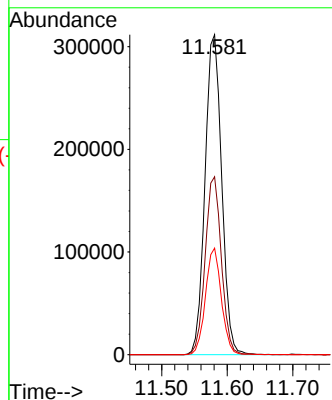
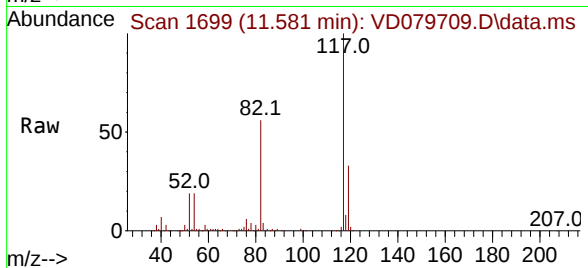
Tgt Ion:117 Resp: 551937

Ion Ratio Lower Upper

117 100

82 55.6 39.8 59.6

119 33.3 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: VD079709.D

Acq: 12 Aug 2024 14:08

Tgt Ion:152 Resp: 242959

Ion Ratio Lower Upper

152 100

115 60.5 26.5 79.5

150 158.2 0.0 341.6

