

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080823\
 Data File : VD076955.D
 Acq On : 08 Aug 2023 15:26
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Aug 09 05:44:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 05:34:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	179493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	350559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	334713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	152447	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	88499	62.502	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.000%
35) Dibromofluoromethane	7.805	113	111233	59.020	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.040%
50) Toluene-d8	10.269	98	433905	71.681	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	143.360%#
62) 4-Bromofluorobenzene	12.575	95	126227	59.649	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	119.300%

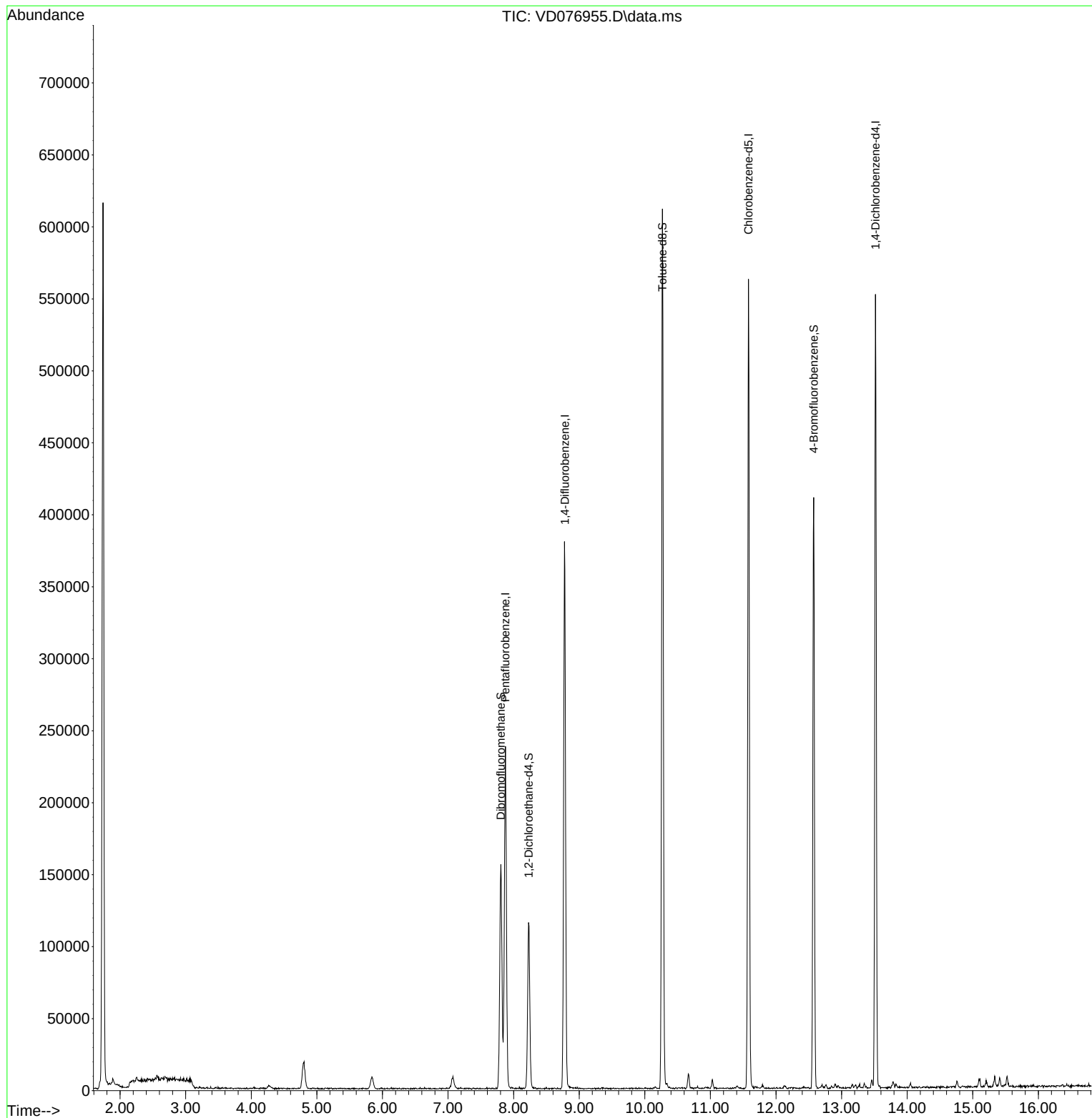
Target Compounds	Qvalue

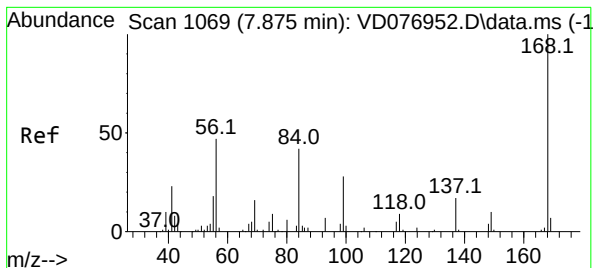
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076955.D

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Instrument :

MSVOA_D

ClientSampleId :

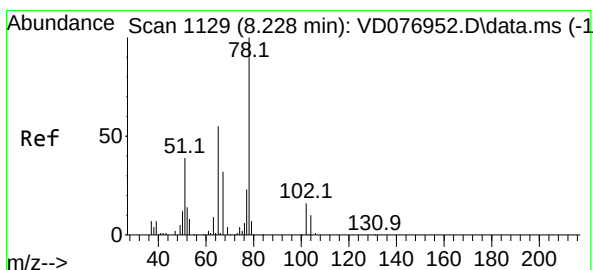
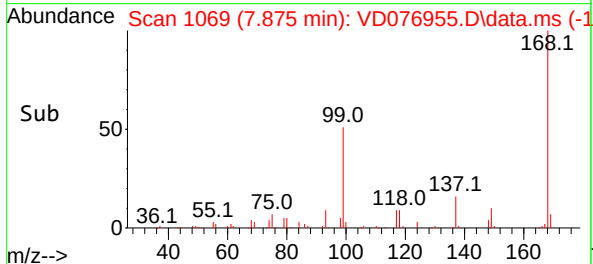
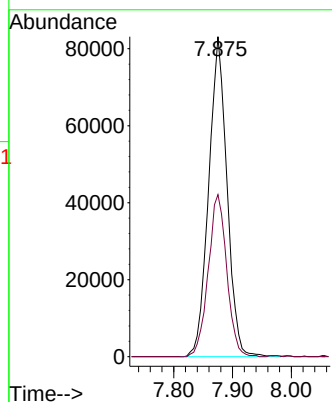
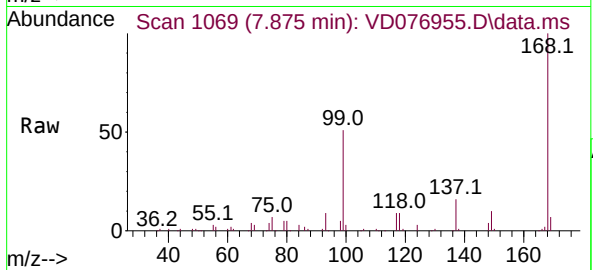
VIBLK

Tgt Ion:168 Resp: 179493

Ion Ratio Lower Upper

168 100

99 50.7 36.7 55.1



#33

1,2-Dichloroethane-d4

Concen: 62.502 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076955.D

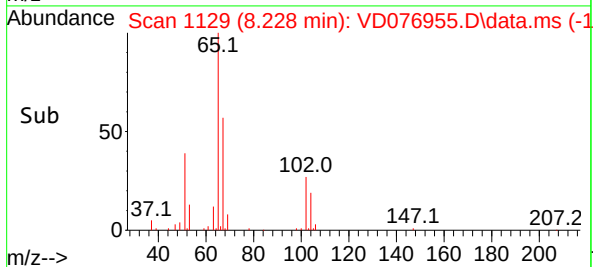
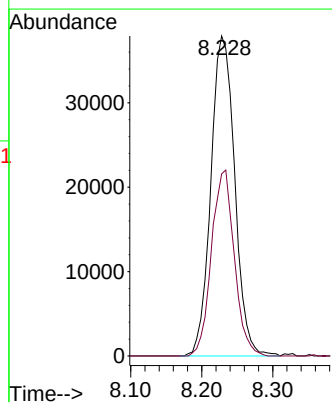
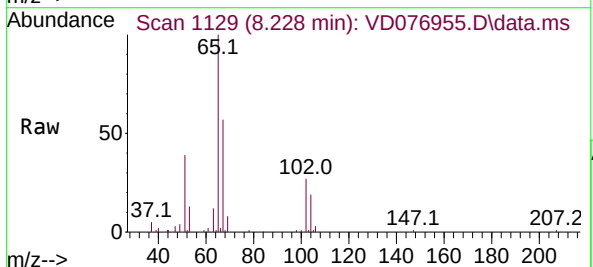
Acq: 08 Aug 2023 15:26

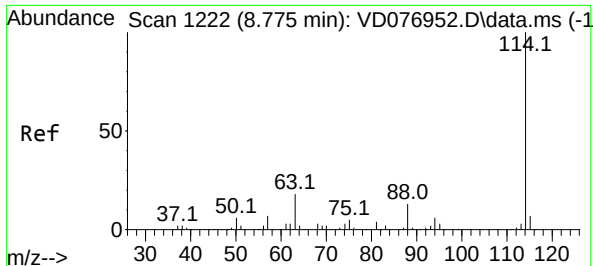
Tgt Ion: 65 Resp: 88499

Ion Ratio Lower Upper

65 100

67 55.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD076955.D

Acq: 08 Aug 2023 15:26

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

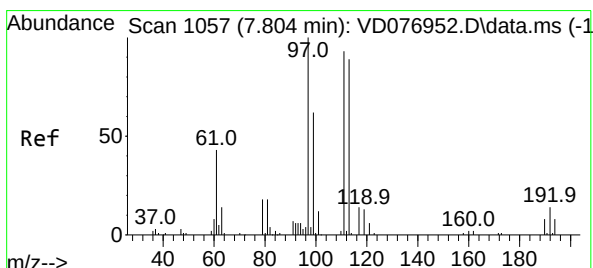
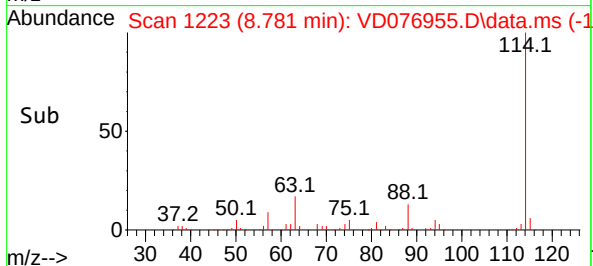
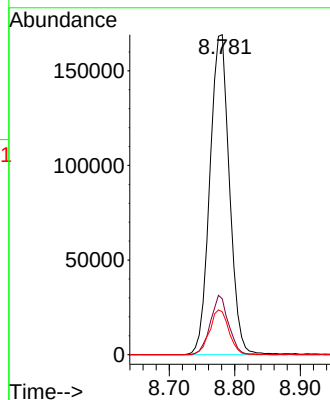
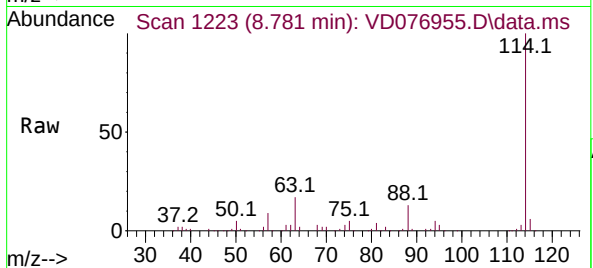
Tgt Ion:114 Resp: 350559

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 13.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 59.020 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076955.D

Acq: 08 Aug 2023 15:26

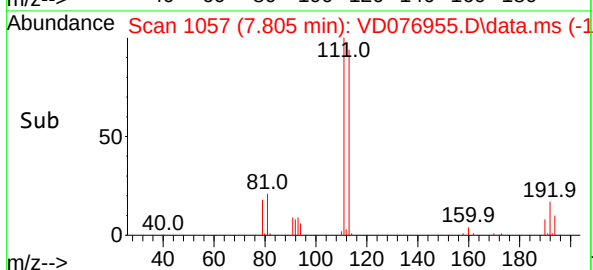
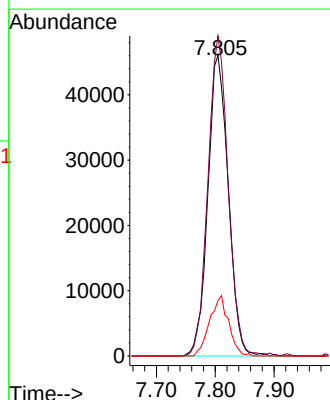
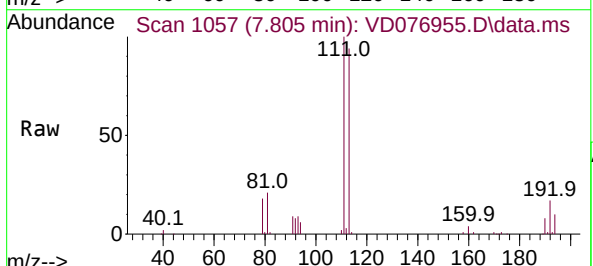
Tgt Ion:113 Resp: 111233

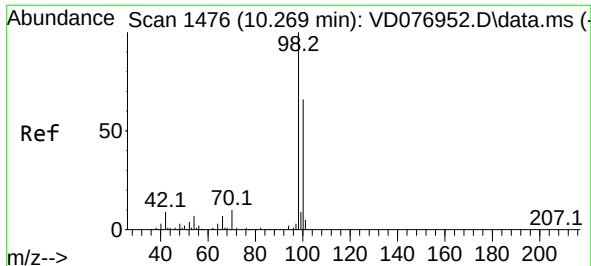
Ion Ratio Lower Upper

113 100

111 104.9 84.7 127.1

192 18.7 16.8 25.2

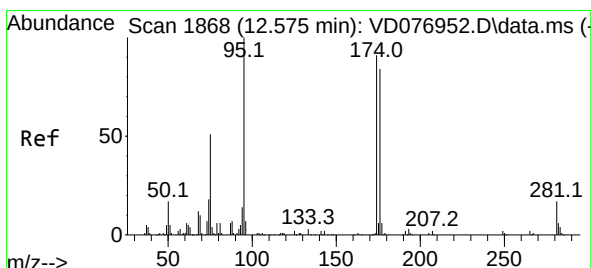
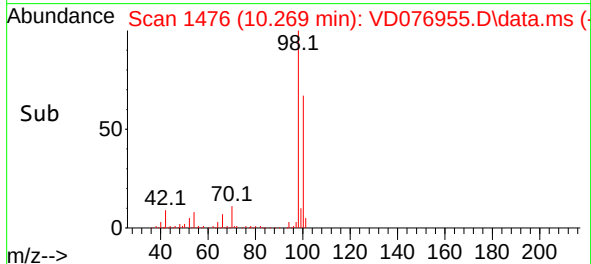
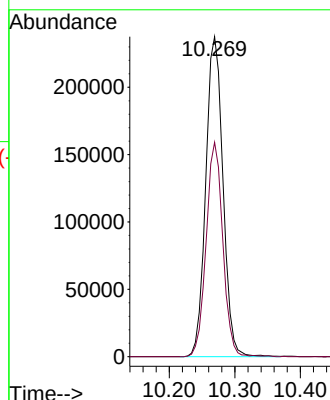
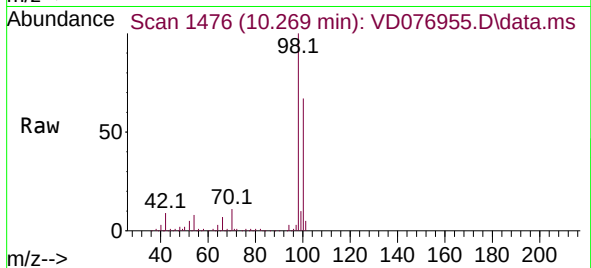




#50
Toluene-d8
Concen: 71.681 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076955.D
Acq: 08 Aug 2023 15:26

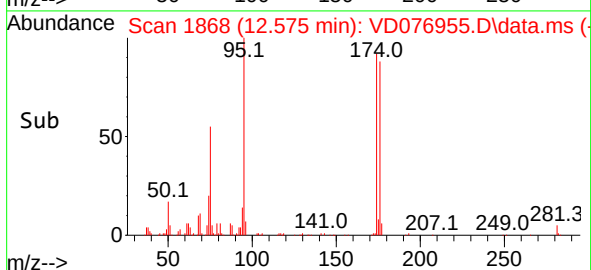
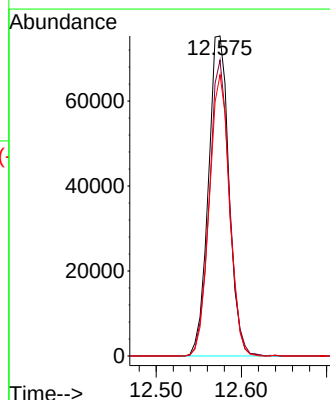
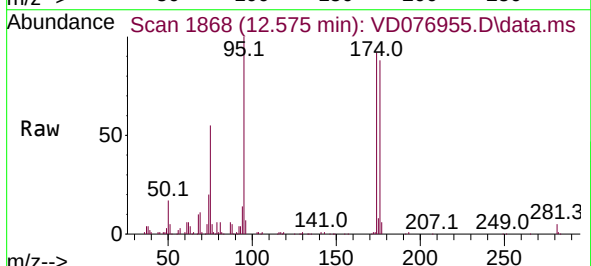
Instrument :
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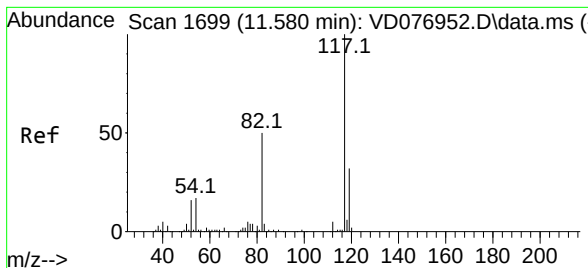
Tgt Ion: 98 Resp: 433905
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 59.649 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076955.D
Acq: 08 Aug 2023 15:26

Tgt Ion: 95 Resp: 126227
Ion Ratio Lower Upper
95 100
174 90.0 0.0 201.8
176 86.1 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: VD076955.D

Acq: 08 Aug 2023 15:26

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

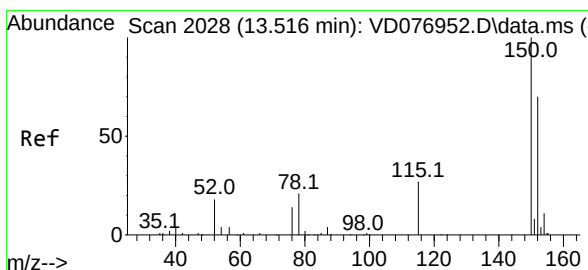
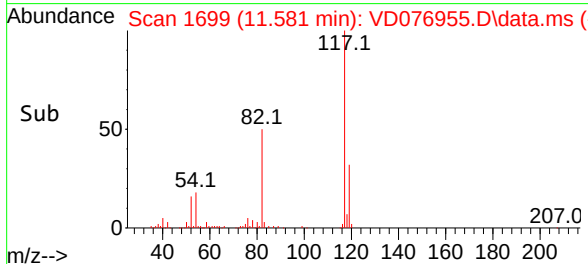
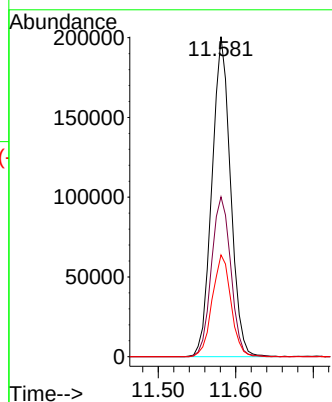
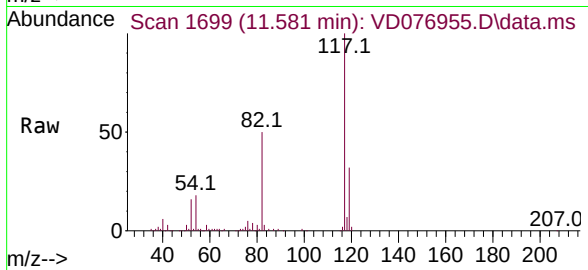
Tgt Ion:117 Resp: 334713

Ion Ratio Lower Upper

117 100

82 50.0 38.3 57.5

119 31.8 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD076955.D

Acq: 08 Aug 2023 15:26

Tgt Ion:152 Resp: 152447

Ion Ratio Lower Upper

152 100

115 56.5 27.1 81.3

150 153.7 0.0 353.6

