

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076379.D
 Acq On : 08 Jun 2023 18:01
 Operator : KP/SY
 Sample : 03074-01
 Misc : 5.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-01

Quant Time: Jun 09 01:24:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	78716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	153734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	173354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	84745	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84784	120.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	240.420%#
35) Dibromofluoromethane	7.804	113	86626	88.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	177.500%#
50) Toluene-d8	10.269	98	191440	49.259	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.575	95	70739	68.779	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	137.560%

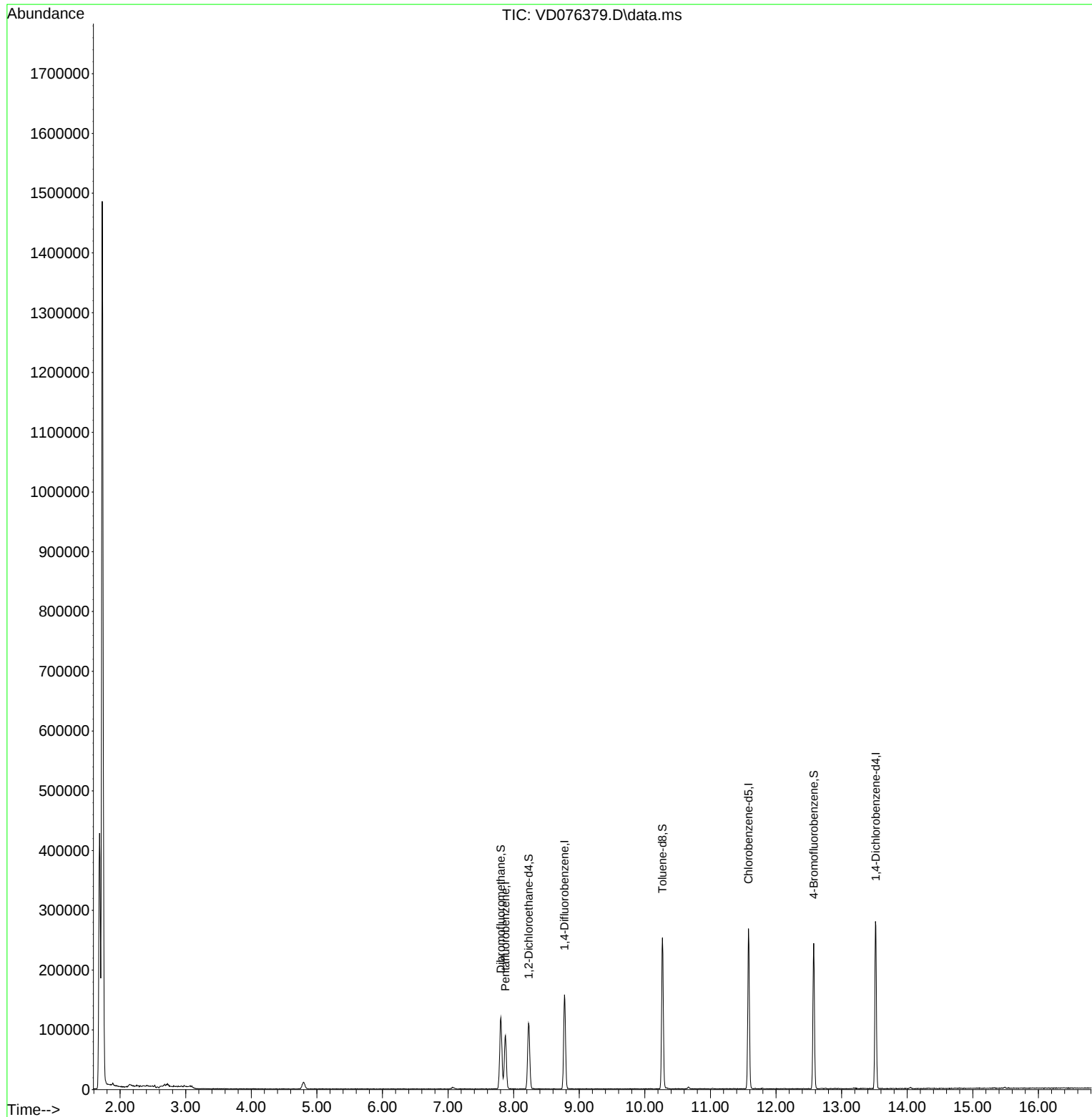
Target Compounds	Qvalue

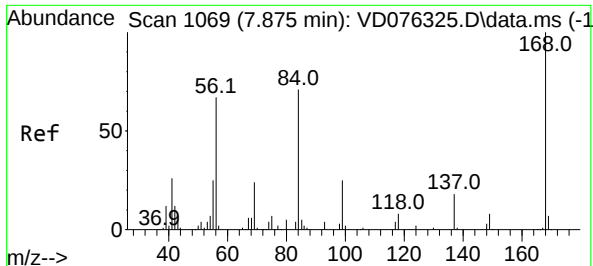
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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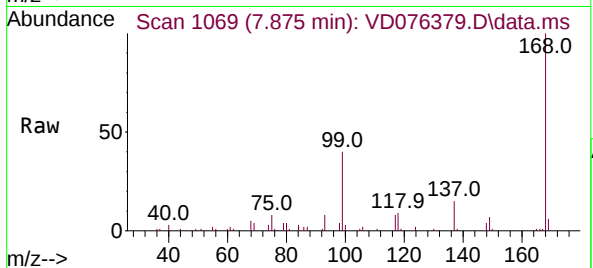
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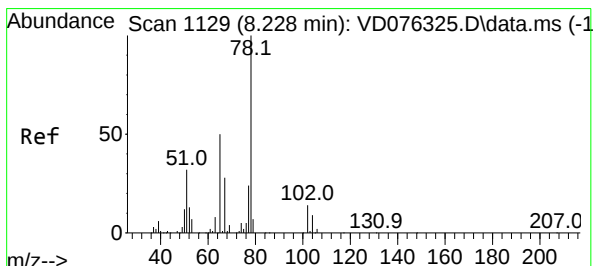
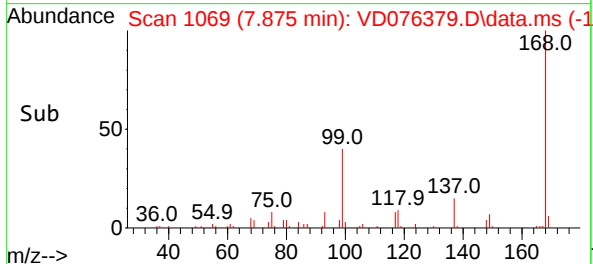
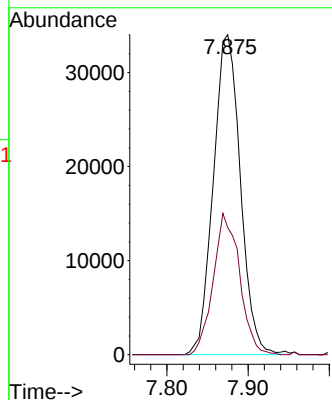


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076379.D
Acq: 08 Jun 2023 18:01

Instrument :
MSVOA_D
ClientSampleId :
GT-01

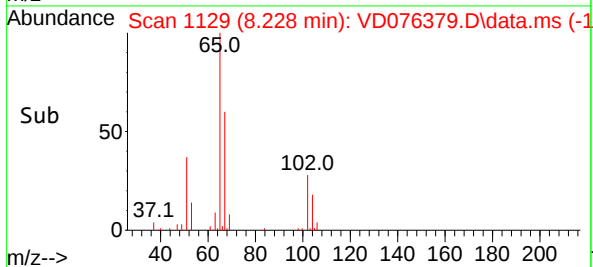
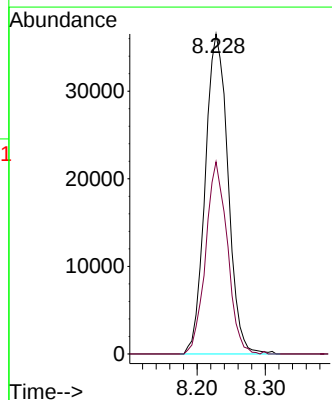
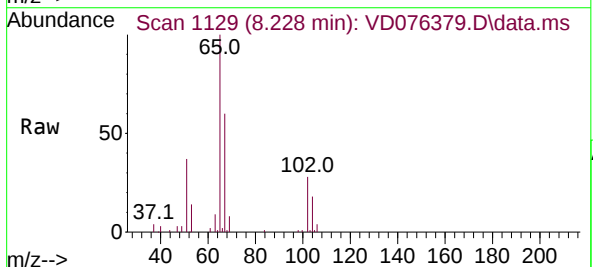


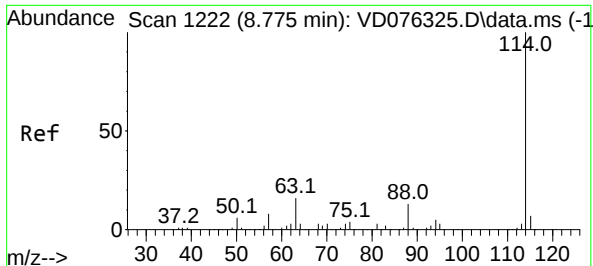
Tgt Ion:168 Resp: 78716
Ion Ratio Lower Upper
168 100
99 39.7 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 120.211 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076379.D
Acq: 08 Jun 2023 18:01

Tgt Ion: 65 Resp: 84784
Ion Ratio Lower Upper
65 100
67 57.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076379.D

Acq: 08 Jun 2023 18:01

Instrument :

MSVOA_D

ClientSampleId :

GT-01

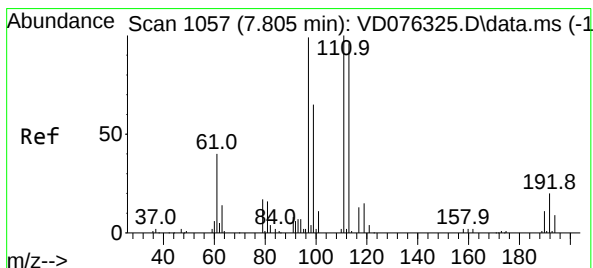
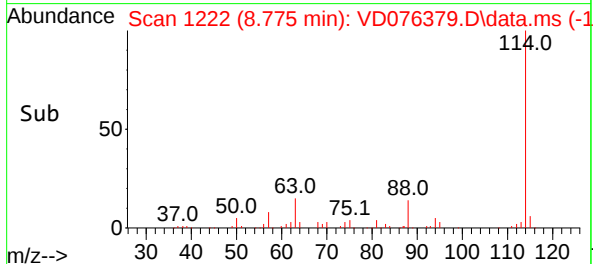
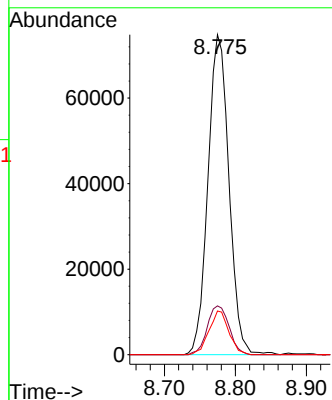
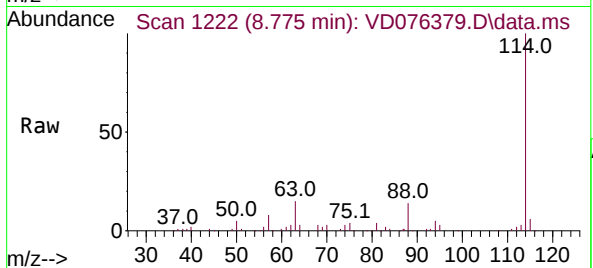
Tgt Ion:114 Resp: 153734

Ion Ratio Lower Upper

114 100

63 15.2 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 88.746 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076379.D

Acq: 08 Jun 2023 18:01

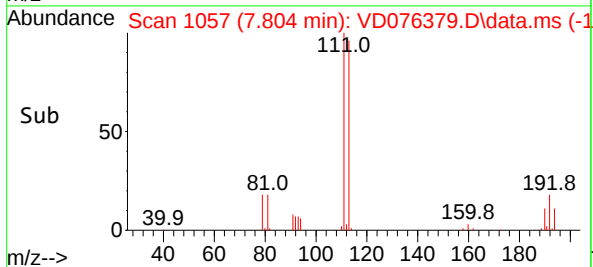
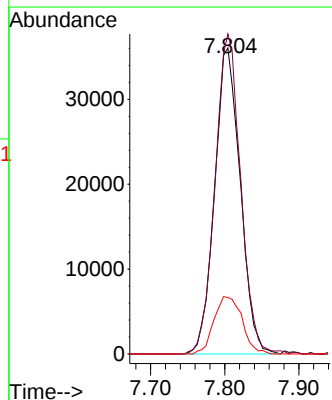
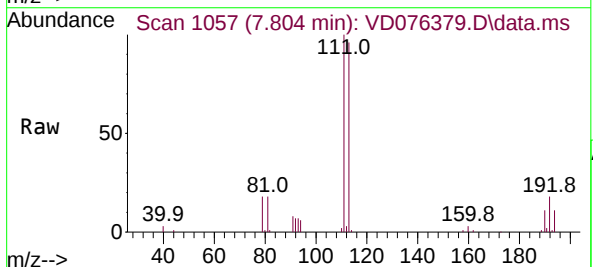
Tgt Ion:113 Resp: 86626

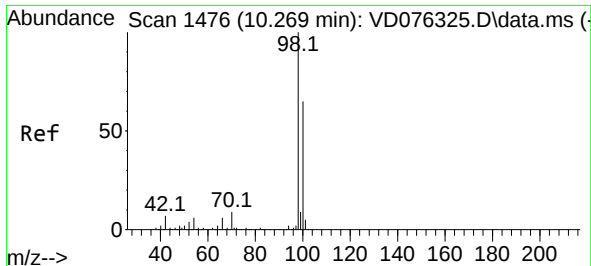
Ion Ratio Lower Upper

113 100

111 104.1 84.7 127.1

192 20.5 16.8 25.2

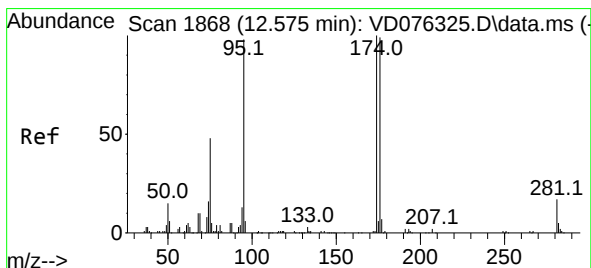
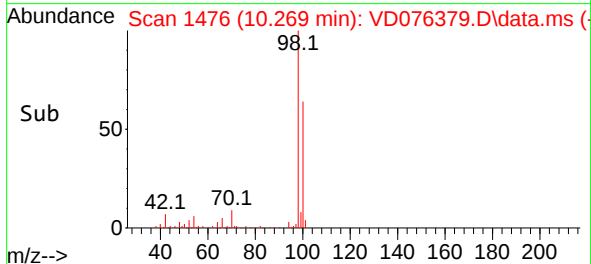
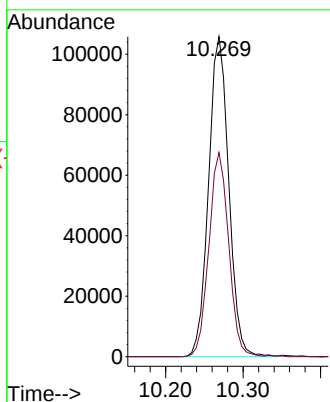
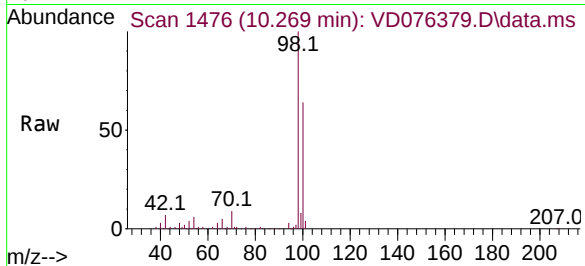




#50
Toluene-d8
Concen: 49.259 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076379.D
Acq: 08 Jun 2023 18:01

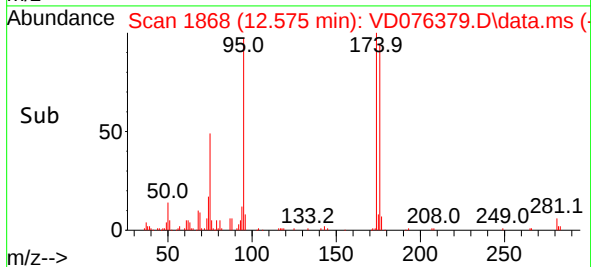
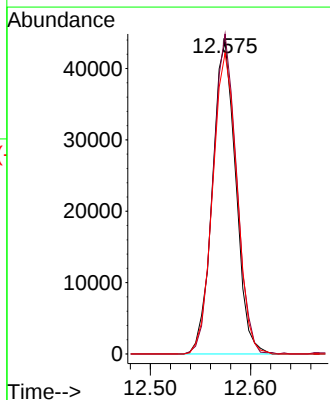
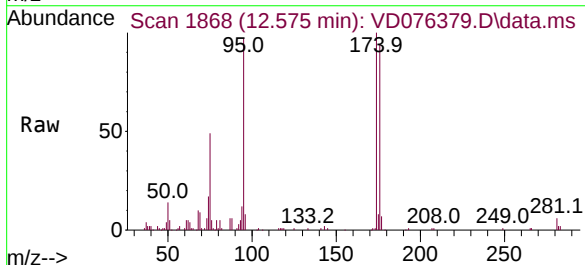
Instrument :
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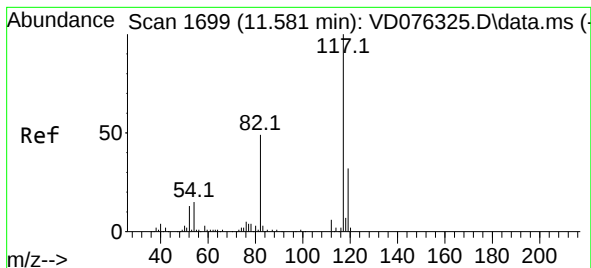
Tgt Ion: 98 Resp: 191440
Ion Ratio Lower Upper
98 100
100 62.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 68.779 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076379.D
Acq: 08 Jun 2023 18:01

Tgt Ion: 95 Resp: 70739
Ion Ratio Lower Upper
95 100
174 103.2 0.0 201.8
176 100.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.580 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076379.D

Acq: 08 Jun 2023 18:01

Instrument :

MSVOA_D

ClientSampleId :

GT-01

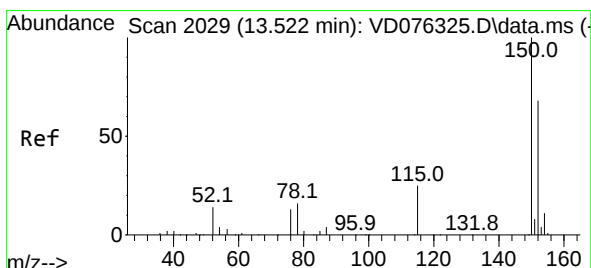
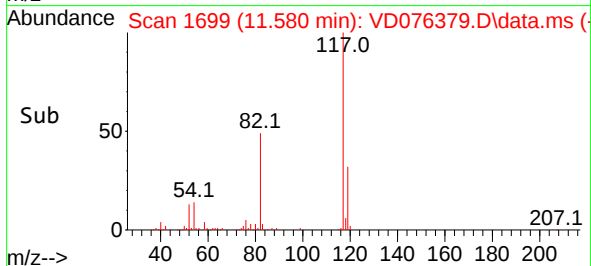
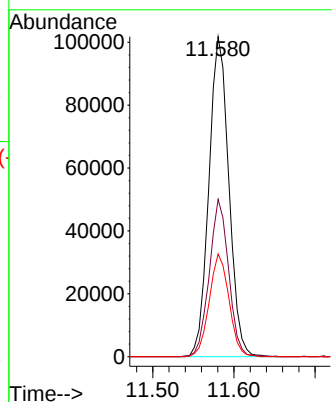
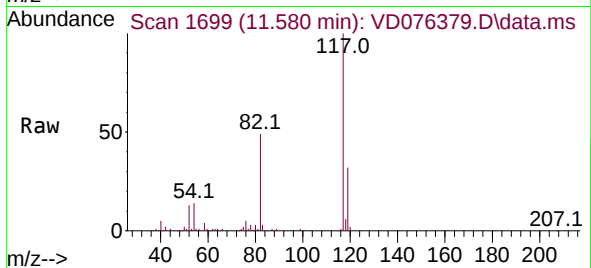
Tgt Ion:117 Resp: 173354

Ion Ratio Lower Upper

117 100

82 49.2 38.3 57.5

119 32.1 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD076379.D

Acq: 08 Jun 2023 18:01

Tgt Ion:152 Resp: 84745

Ion Ratio Lower Upper

152 100

115 53.0 27.1 81.3

150 155.8 0.0 353.6

