

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061323\
 Data File : VD076404.D
 Acq On : 13 Jun 2023 14:48
 Operator : KP/SY
 Sample : 03074-02RE
 Misc : 6.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-02RE

Quant Time: Jun 14 05:47:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	95068	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	178794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	173029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	80918	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84496	76.950	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.900%
35) Dibromofluoromethane	7.805	113	91793	79.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	158.880%#
50) Toluene-d8	10.269	98	196777	44.935	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.880%
62) 4-Bromofluorobenzene	12.575	95	98367	65.478	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	130.960%

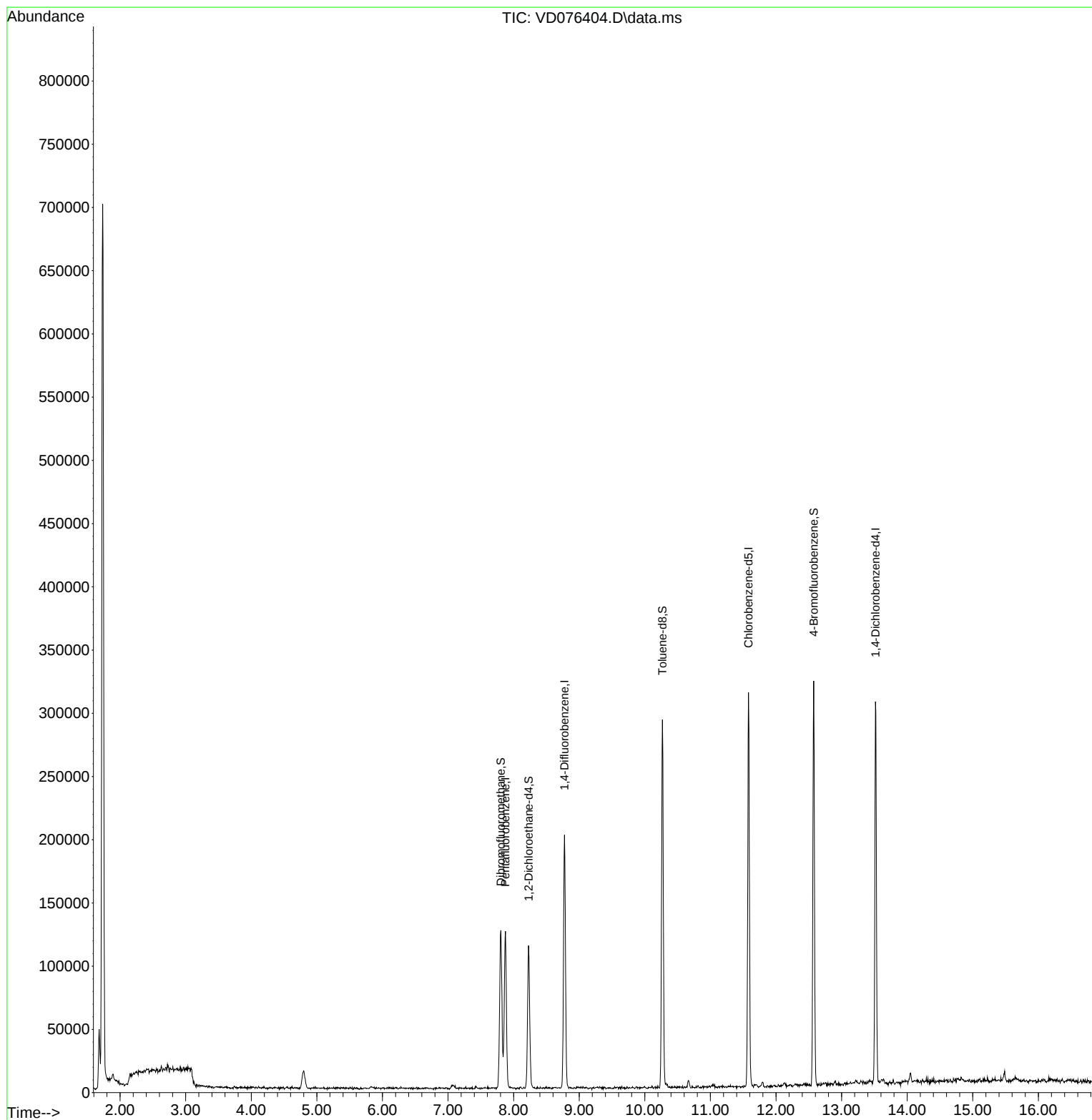
Target Compounds	Qvalue

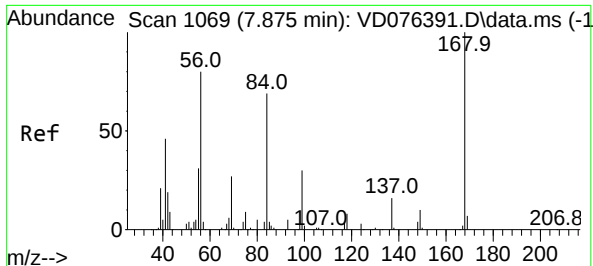
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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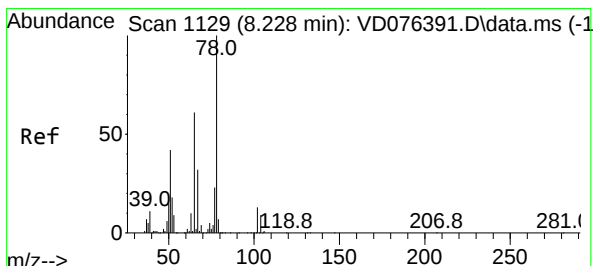
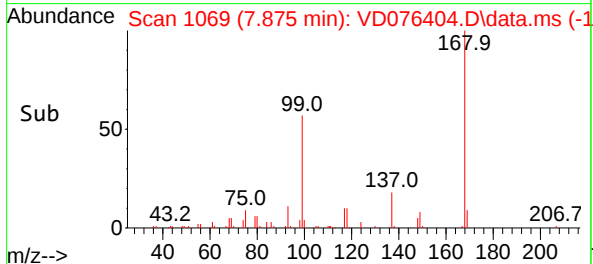
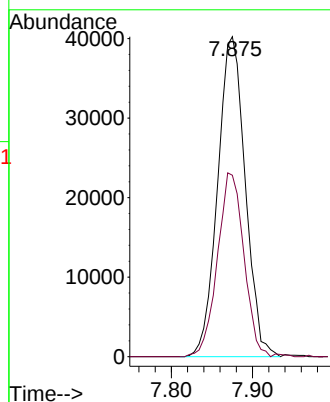
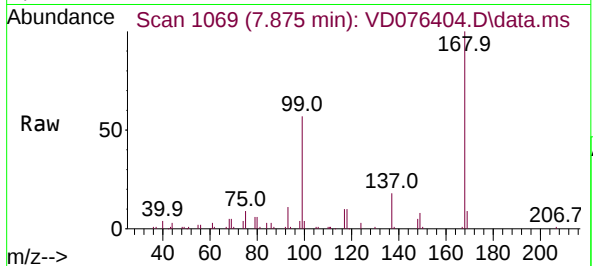




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076404.D
Acq: 13 Jun 2023 14:48

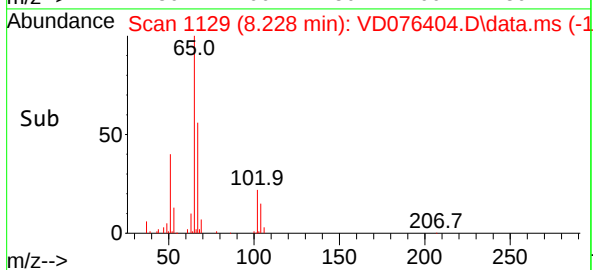
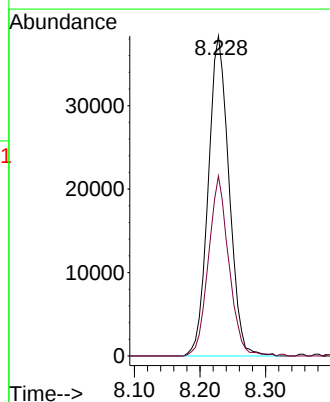
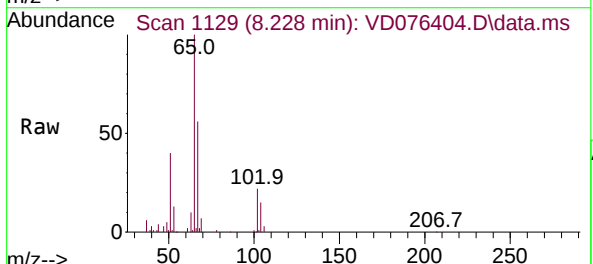
Instrument :
MSVOA_D
ClientSampleId :
GT-02RE

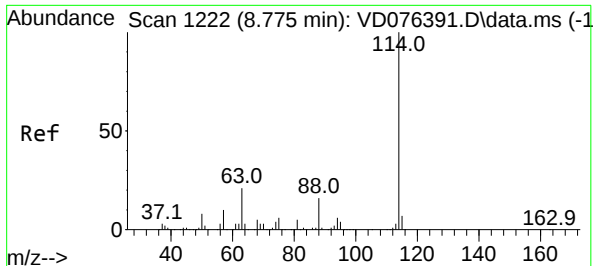
Tgt Ion:168 Resp: 95068
Ion Ratio Lower Upper
168 100
99 56.7 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 76.950 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076404.D
Acq: 13 Jun 2023 14:48

Tgt Ion: 65 Resp: 84496
Ion Ratio Lower Upper
65 100
67 55.2 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: VD076404.D

Acq: 13 Jun 2023 14:48

Instrument :

MSVOA_D

ClientSampleId :

GT-02RE

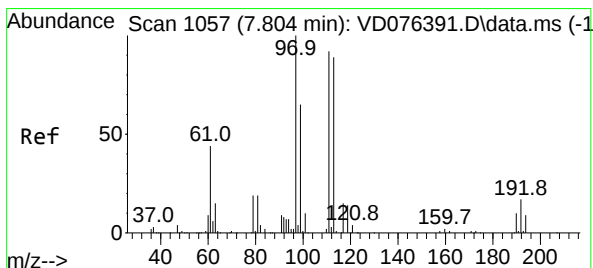
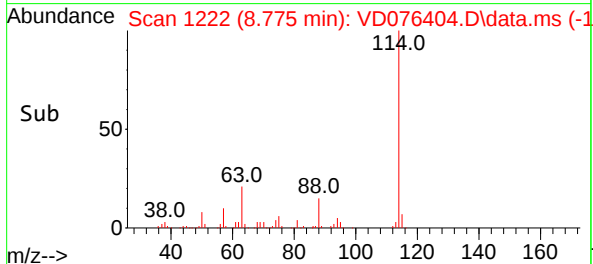
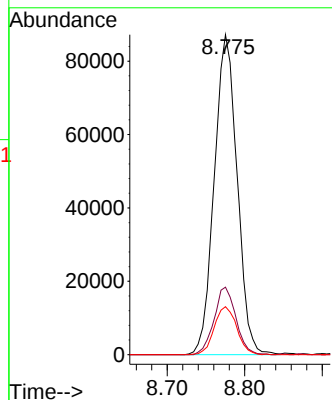
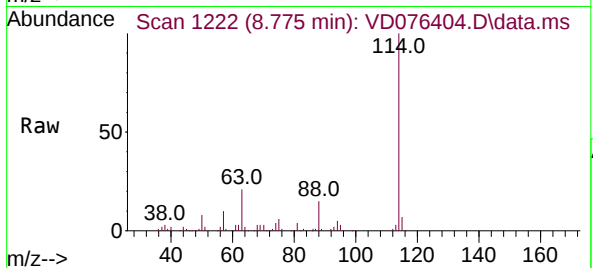
Tgt Ion:114 Resp: 178794

Ion Ratio Lower Upper

114 100

63 21.1 0.0 33.4

88 15.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 79.435 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076404.D

Acq: 13 Jun 2023 14:48

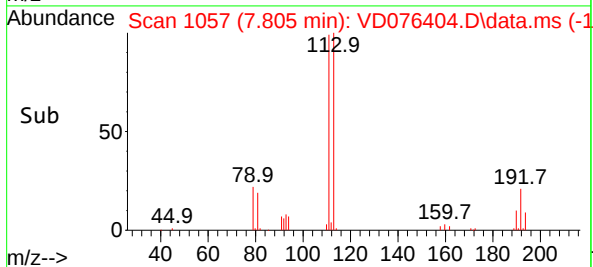
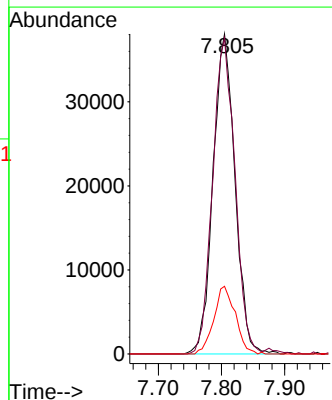
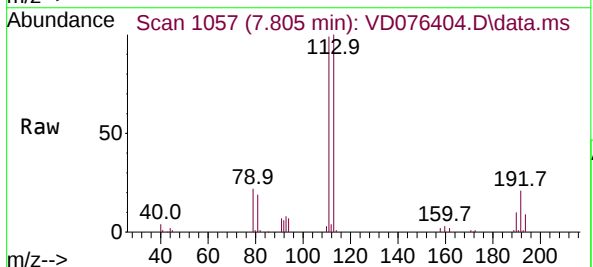
Tgt Ion:113 Resp: 91793

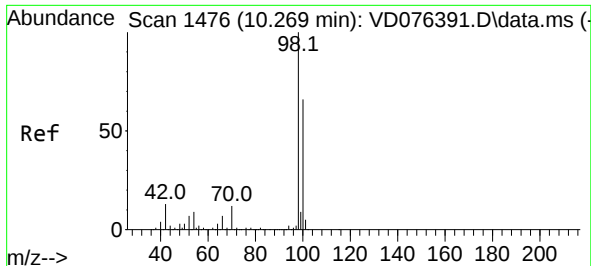
Ion Ratio Lower Upper

113 100

111 100.3 84.7 127.1

192 20.7 16.8 25.2

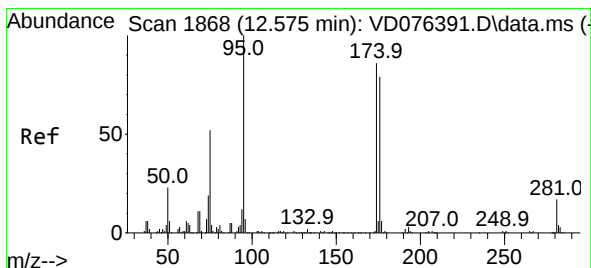
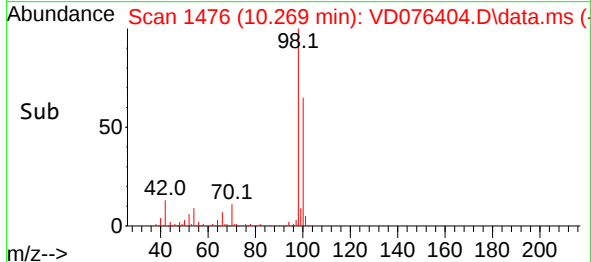
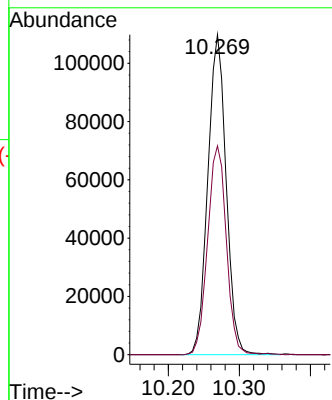
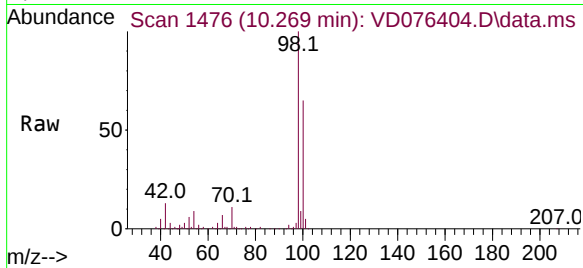




#50
Toluene-d8
Concen: 44.935 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076404.D
Acq: 13 Jun 2023 14:48

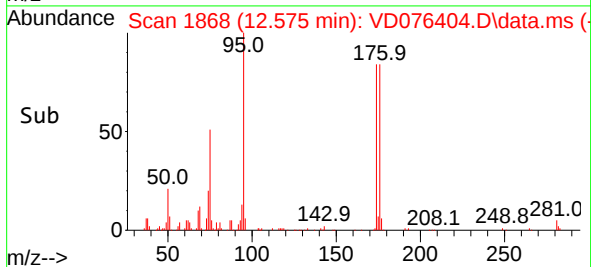
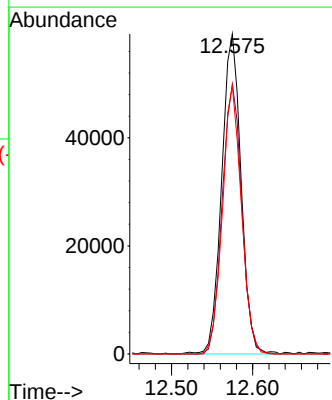
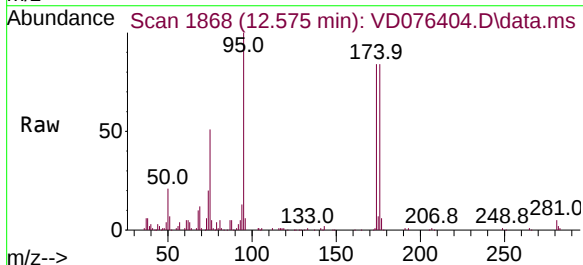
Instrument :
MSVOA_D
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GT-02RE

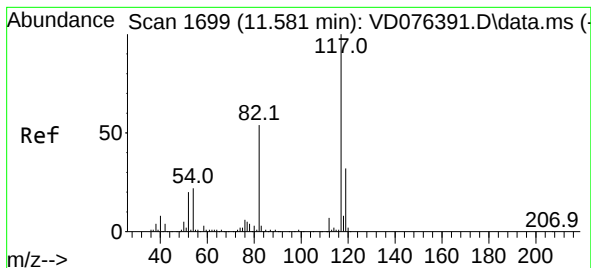
Tgt Ion: 98 Resp: 196777
Ion Ratio Lower Upper
98 100
100 66.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 65.478 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076404.D
Acq: 13 Jun 2023 14:48

Tgt Ion: 95 Resp: 98367
Ion Ratio Lower Upper
95 100
174 84.5 0.0 201.8
176 82.1 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: VD076404.D

Acq: 13 Jun 2023 14:48

Instrument :

MSVOA_D

ClientSampleId :

GT-02RE

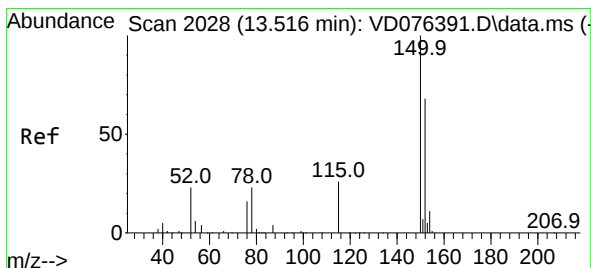
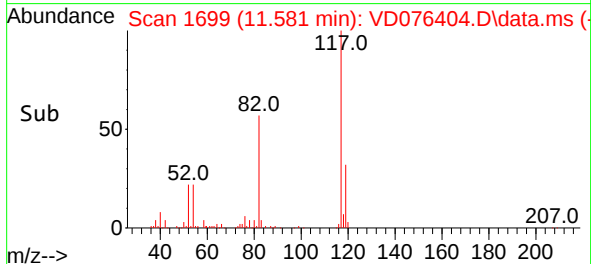
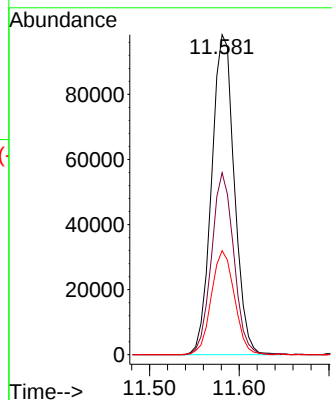
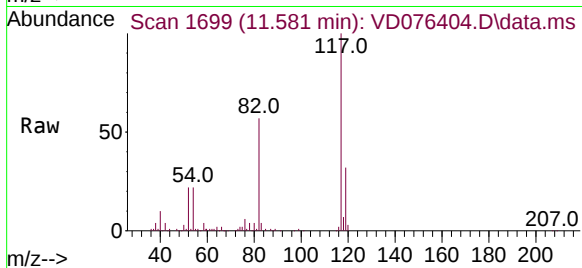
Tgt Ion:117 Resp: 173029

Ion Ratio Lower Upper

117 100

82 56.9 38.3 57.5

119 32.5 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: VD076404.D

Acq: 13 Jun 2023 14:48

Tgt Ion:152 Resp: 80918

Ion Ratio Lower Upper

152 100

115 55.8 27.1 81.3

150 154.5 0.0 353.6

