

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
 Data File : VD076875.D
 Acq On : 31 Jul 2023 15:31
 Operator : KP/SY
 Sample : 03835-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-072823

Quant Time: Aug 01 02:11:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	190045	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	364764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	337438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146099	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91807	48.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.000%
35) Dibromofluoromethane	7.805	113	111881	48.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.620%
50) Toluene-d8	10.269	98	439381	53.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.160%
62) 4-Bromofluorobenzene	12.575	95	127541	48.079	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.160%

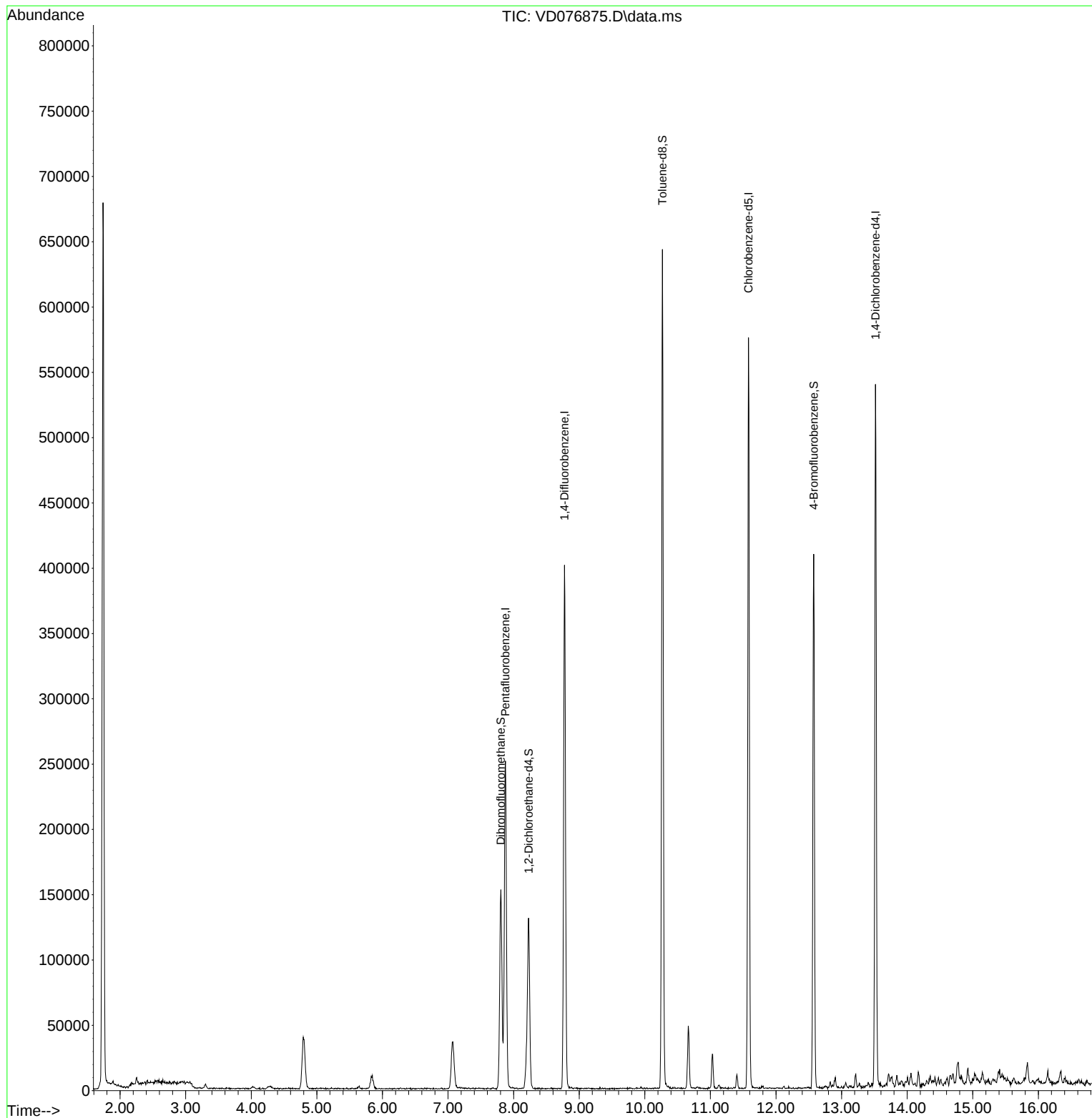
Target Compounds	Qvalue

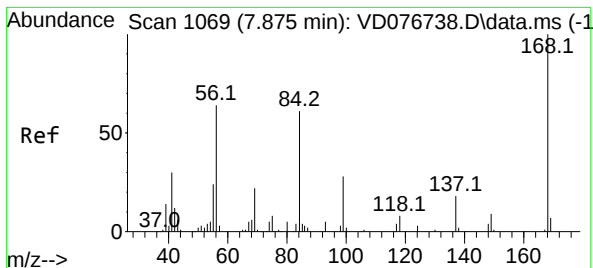
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076875.D

Acq: 31 Jul 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

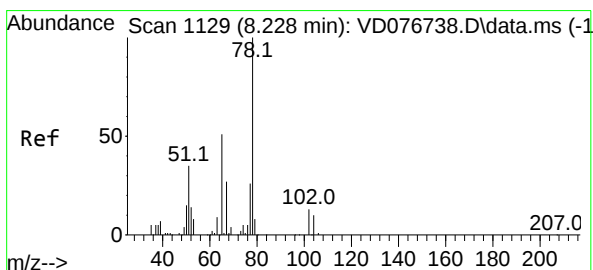
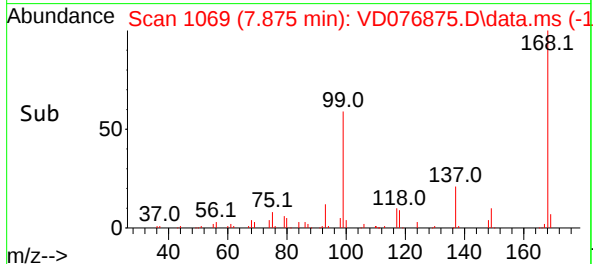
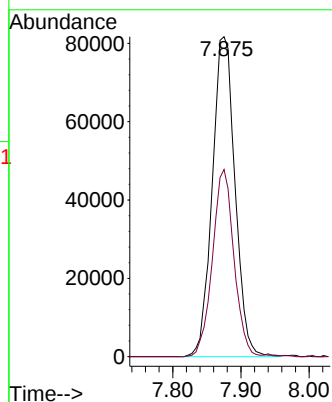
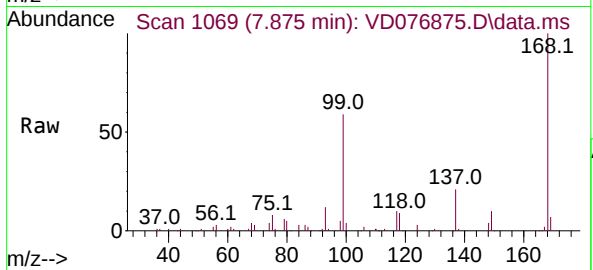
HR-01-072823

Tgt Ion:168 Resp: 190045

Ion Ratio Lower Upper

168 100

99 58.5 36.7 55.1#



#33

1,2-Dichloroethane-d4

Concen: 48.501 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076875.D

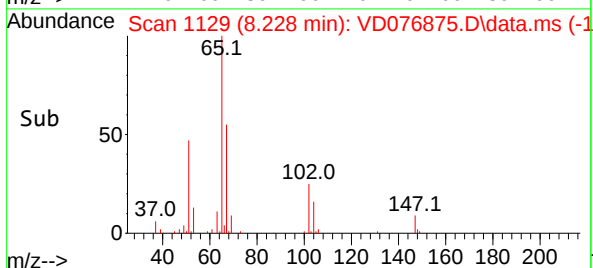
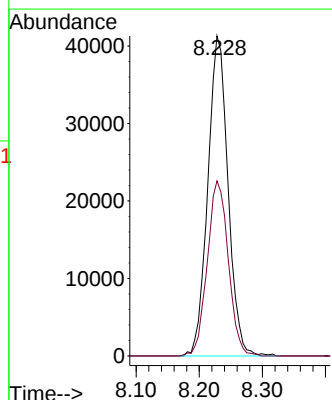
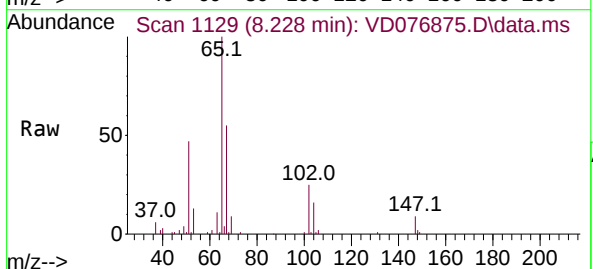
Acq: 31 Jul 2023 15:31

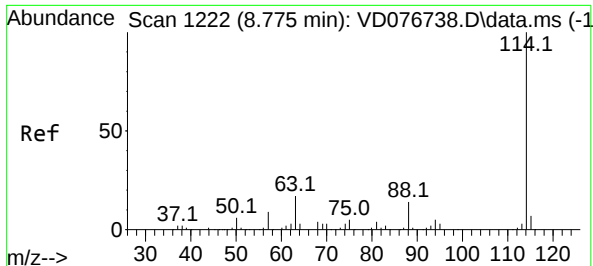
Tgt Ion: 65 Resp: 91807

Ion Ratio Lower Upper

65 100

67 56.9 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: VD076875.D

Acq: 31 Jul 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

HR-01-072823

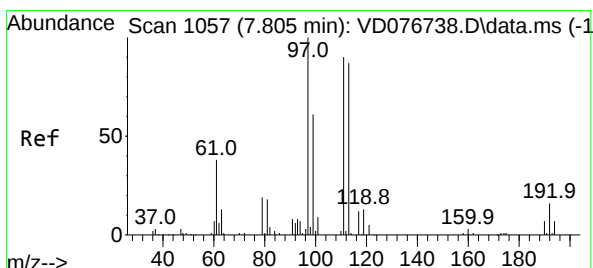
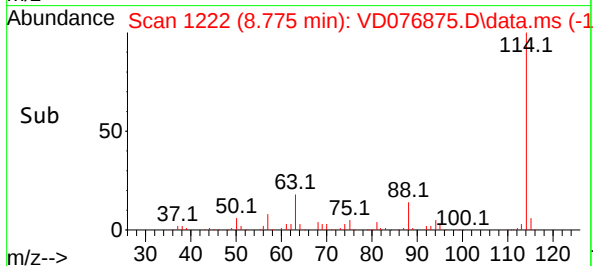
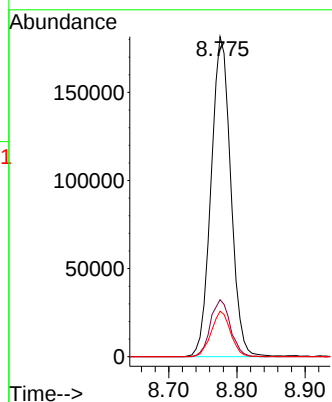
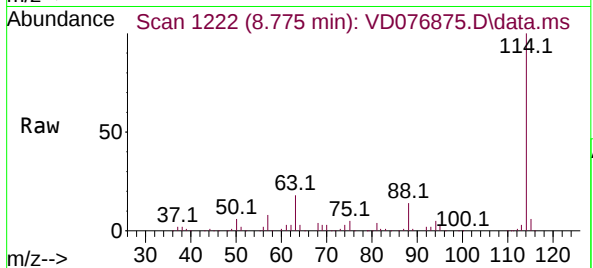
Tgt Ion:114 Resp: 364764

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 14.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 48.809 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076875.D

Acq: 31 Jul 2023 15:31

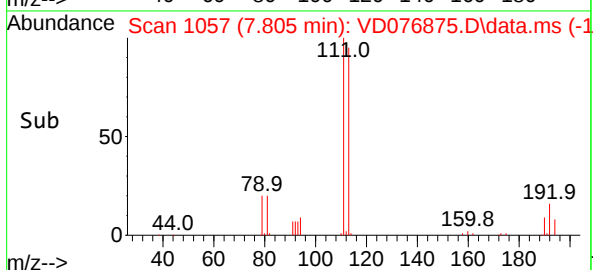
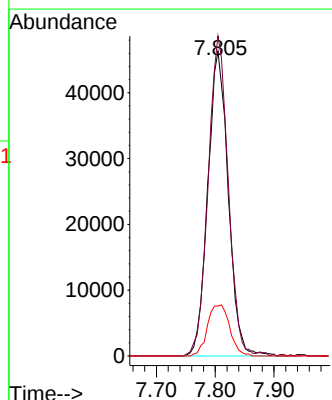
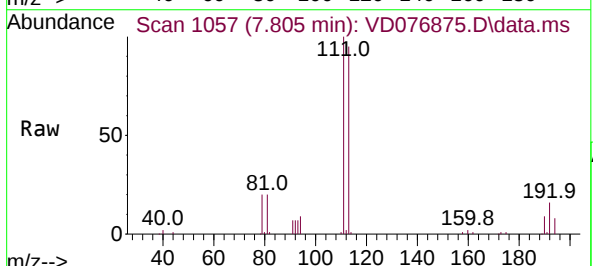
Tgt Ion:113 Resp: 111881

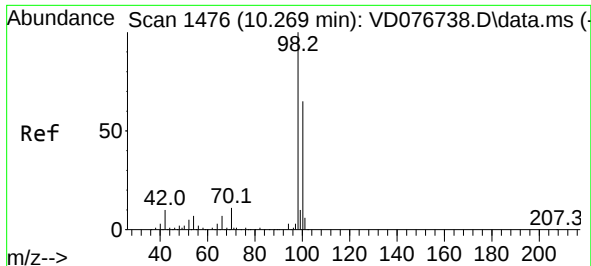
Ion Ratio Lower Upper

113 100

111 102.8 84.7 127.1

192 18.2 16.8 25.2

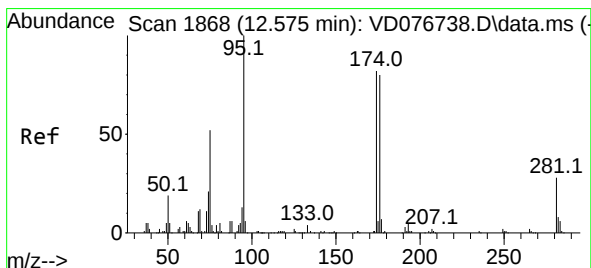
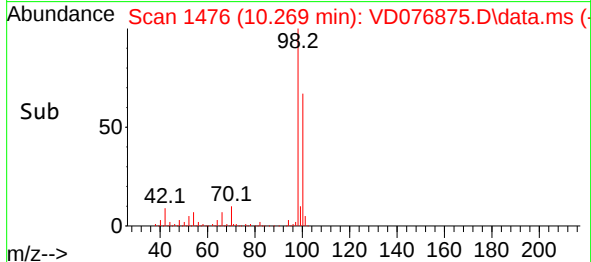
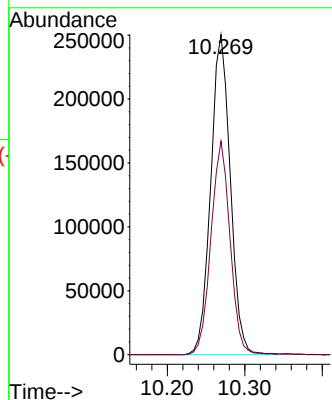
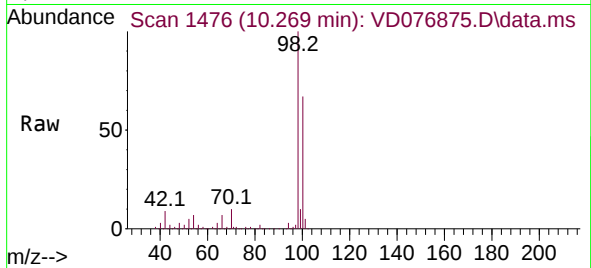




#50
Toluene-d8
Concen: 53.583 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076875.D
Acq: 31 Jul 2023 15:31

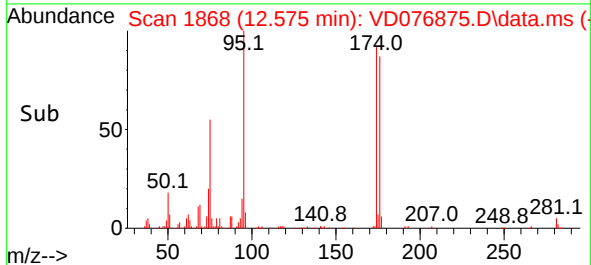
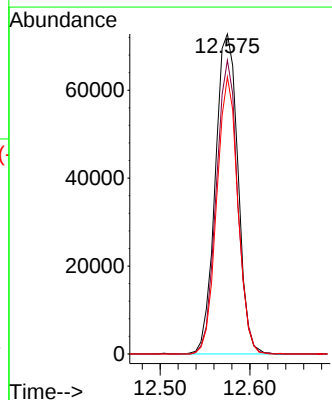
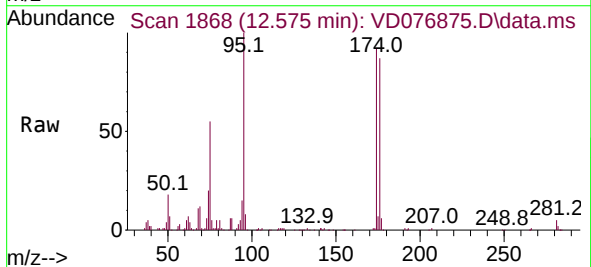
Instrument :
MSVOA_D
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HR-01-072823

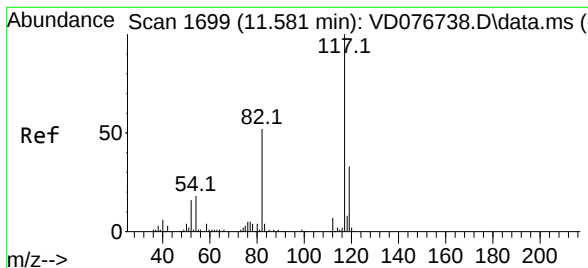
Tgt Ion: 98 Resp: 439381
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.079 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076875.D
Acq: 31 Jul 2023 15:31

Tgt Ion: 95 Resp: 127541
Ion Ratio Lower Upper
95 100
174 86.5 0.0 201.8
176 80.5 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: VD076875.D

Acq: 31 Jul 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

HR-01-072823

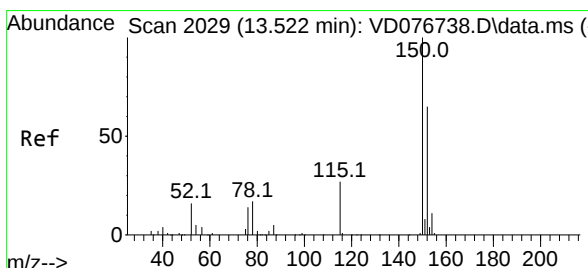
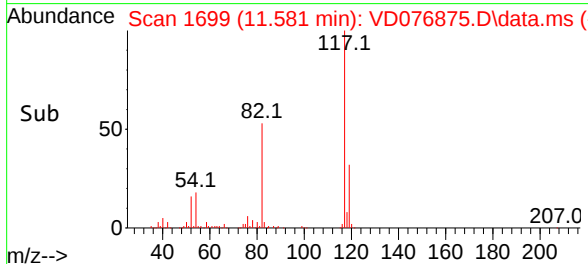
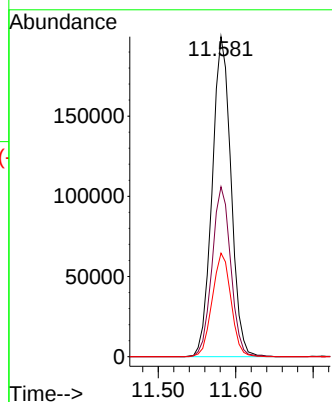
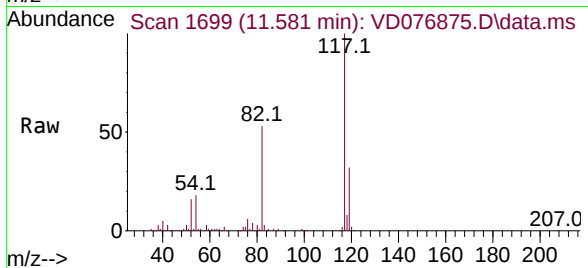
Tgt Ion:117 Resp: 337438

Ion Ratio Lower Upper

117 100

82 53.1 38.3 57.5

119 32.4 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD076875.D

Acq: 31 Jul 2023 15:31

Tgt Ion:152 Resp: 146099

Ion Ratio Lower Upper

152 100

115 57.8 27.1 81.3

150 154.3 0.0 353.6

