

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
 Data File : VD076838.D
 Acq On : 27 Jul 2023 17:08
 Operator : KP/SY
 Sample : 03773-01
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-072523

Quant Time: Jul 28 02:59:32 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	7.869	168	197826	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	392560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	362815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	157138	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	105226	53.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.800%
35) Dibromofluoromethane	7.804	113	128830	52.224	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.440%
50) Toluene-d8	10.269	98	479910	54.381	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.760%
62) 4-Bromofluorobenzene	12.575	95	138396	48.477	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.960%

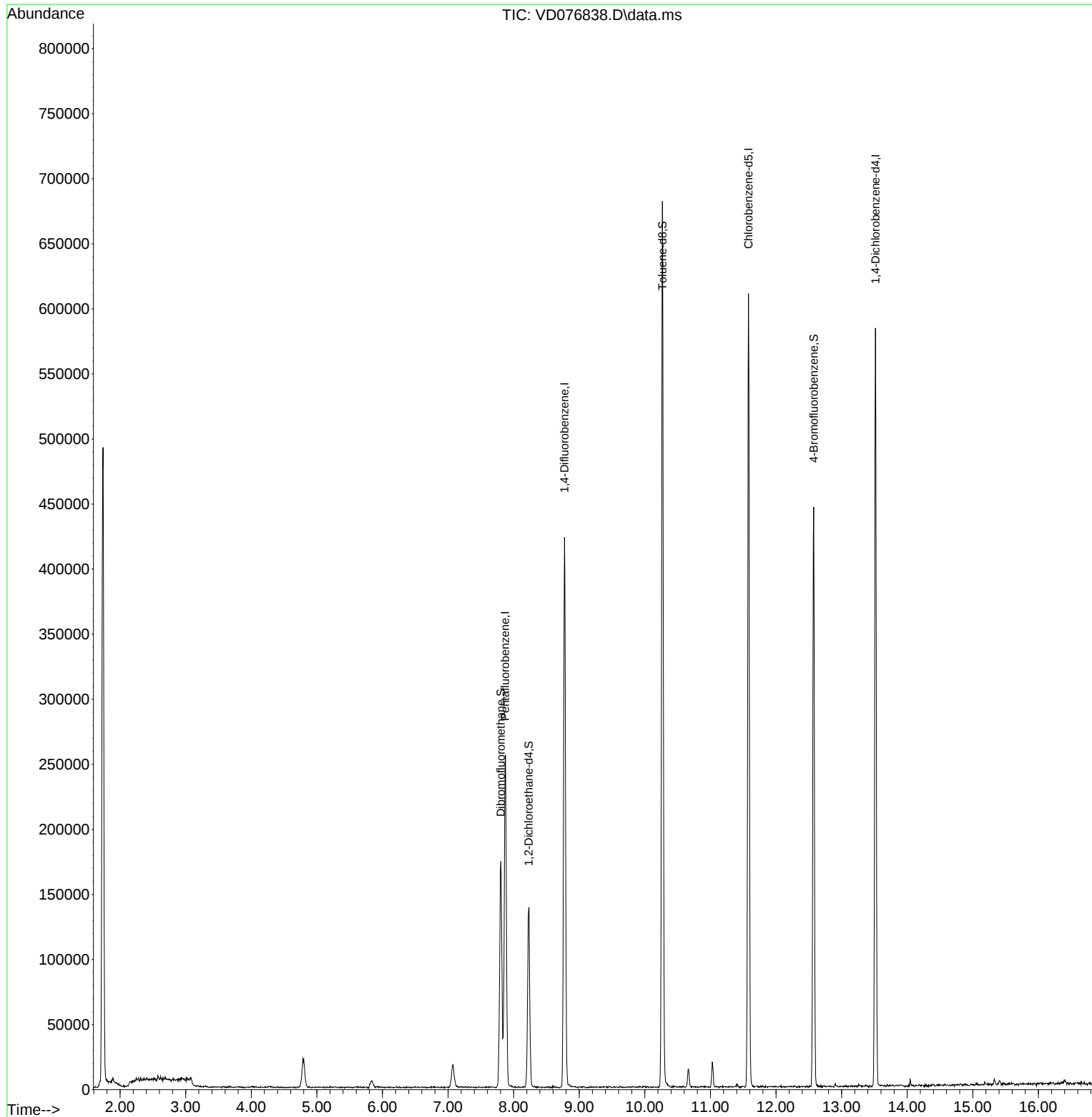
Target Compounds	Qvalue

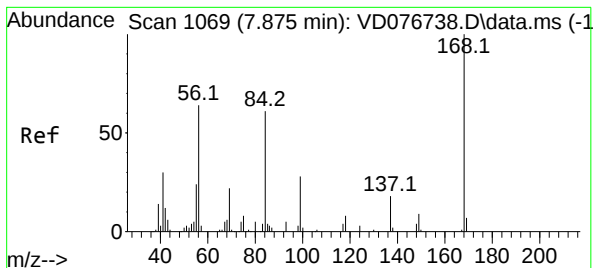
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD076838.D

Acq: 27 Jul 2023 17:08

Instrument :

MSVOA_D

ClientSampleId :

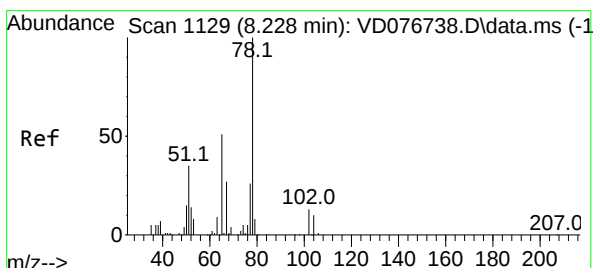
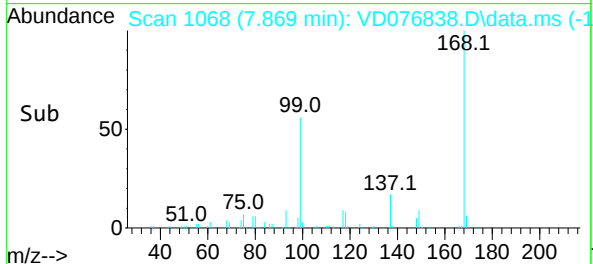
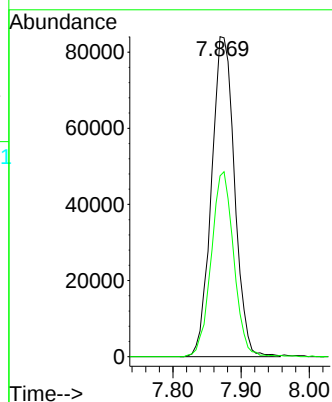
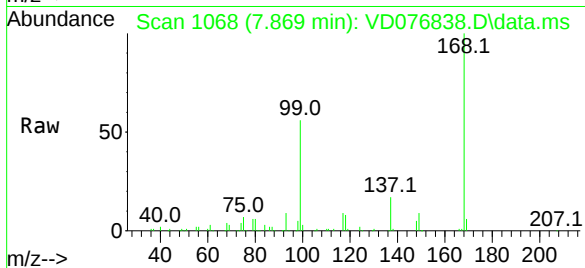
OR-02-072523

Tgt Ion:168 Resp: 197826

Ion Ratio Lower Upper

168 100

99 56.5 36.7 55.1#



#33

1,2-Dichloroethane-d4

Concen: 53.403 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076838.D

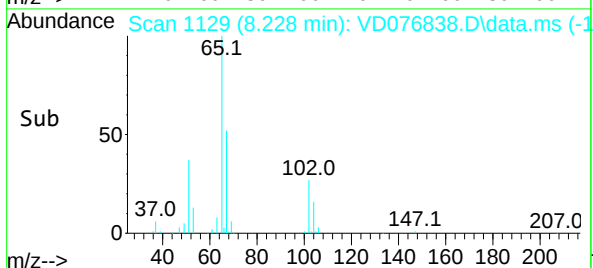
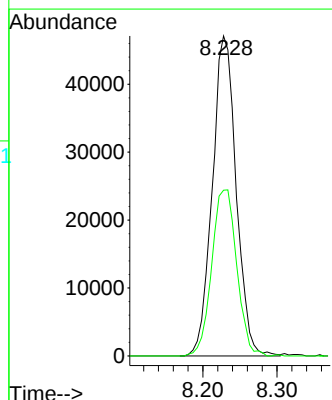
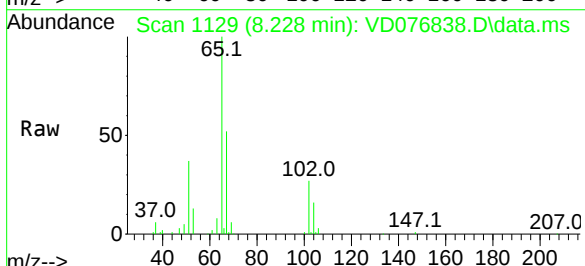
Acq: 27 Jul 2023 17:08

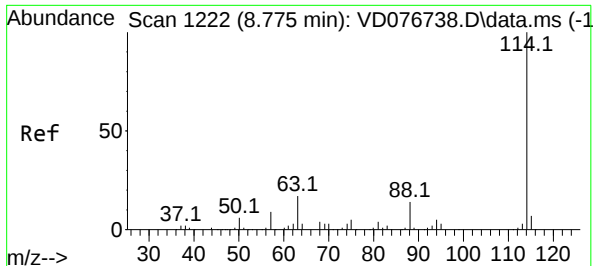
Tgt Ion: 65 Resp: 105226

Ion Ratio Lower Upper

65 100

67 54.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076838.D

Acq: 27 Jul 2023 17:08

Instrument :

MSVOA_D

ClientSampleId :

OR-02-072523

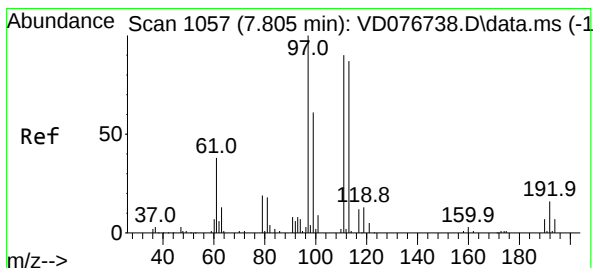
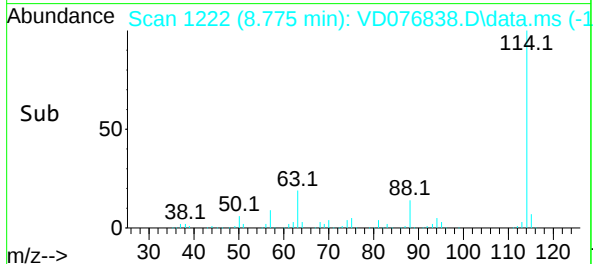
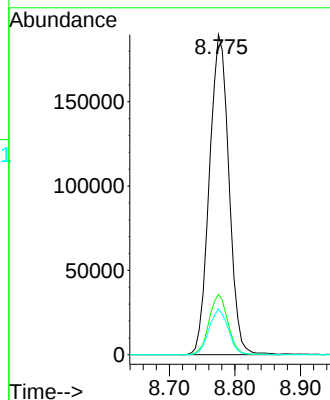
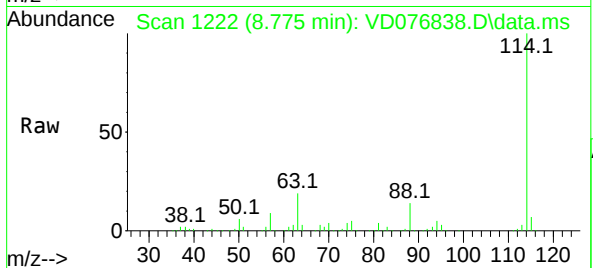
Tgt Ion:114 Resp: 392560

Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 14.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.224 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076838.D

Acq: 27 Jul 2023 17:08

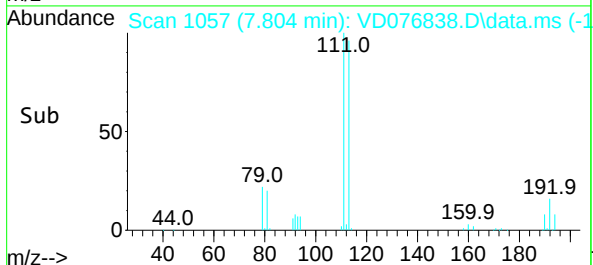
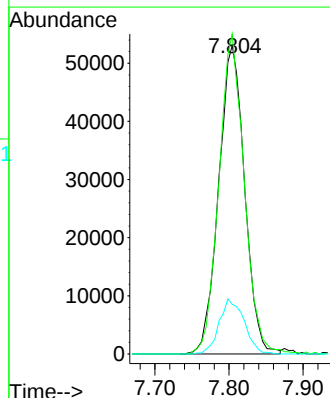
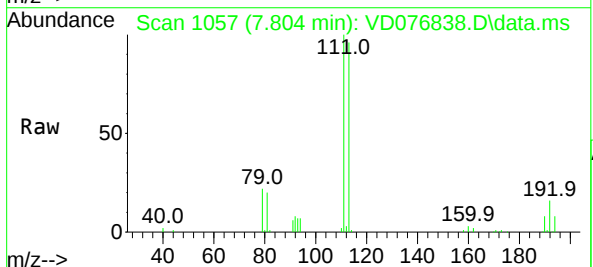
Tgt Ion:113 Resp: 128830

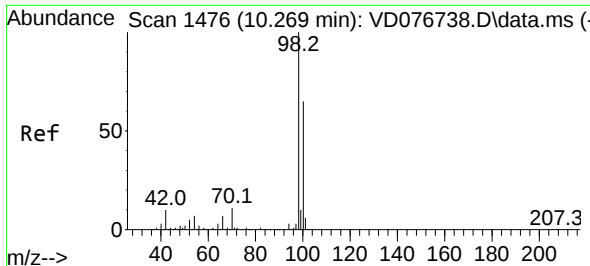
Ion Ratio Lower Upper

113 100

111 101.2 84.7 127.1

192 17.2 16.8 25.2

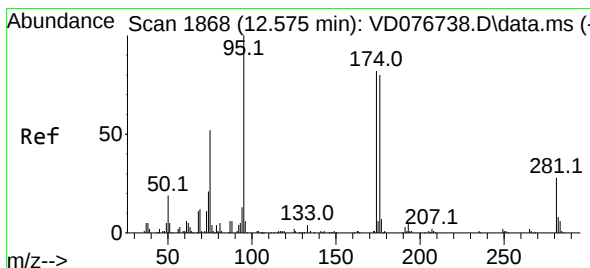
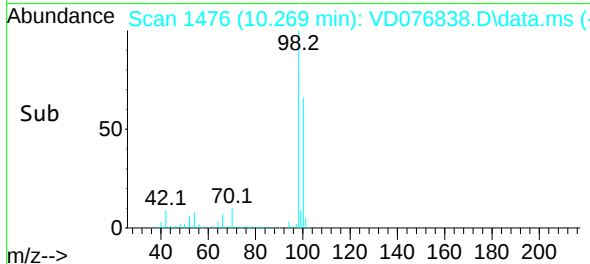
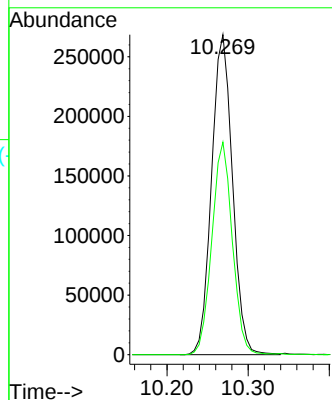
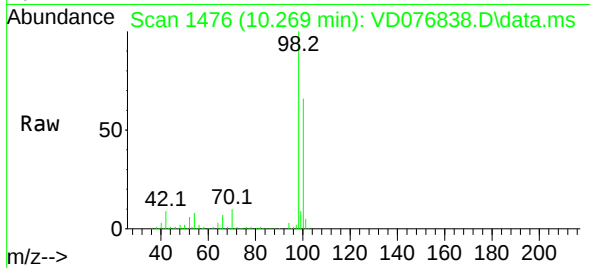




#50
Toluene-d8
Concen: 54.381 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076838.D
Acq: 27 Jul 2023 17:08

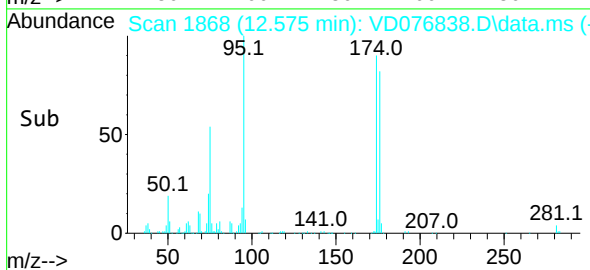
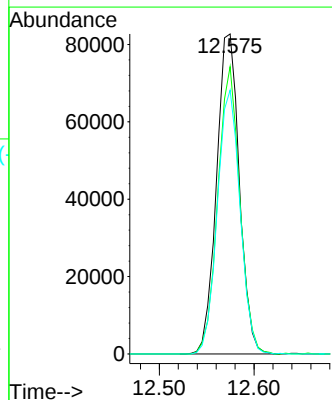
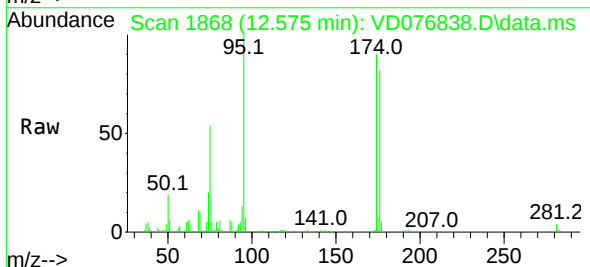
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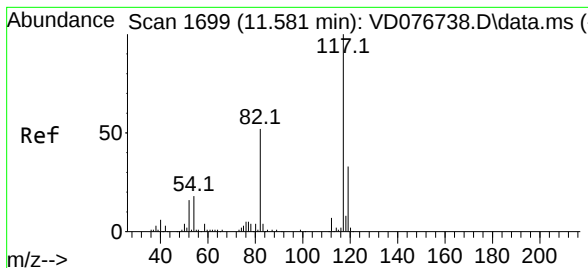
Tgt Ion: 98 Resp: 479910
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.477 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076838.D
Acq: 27 Jul 2023 17:08

Tgt Ion: 95 Resp: 138396
Ion Ratio Lower Upper
95 100
174 86.4 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: VD076838.D

Acq: 27 Jul 2023 17:08

Instrument :

MSVOA_D

ClientSampleId :

OR-02-072523

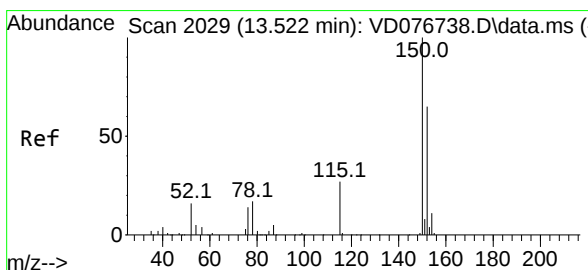
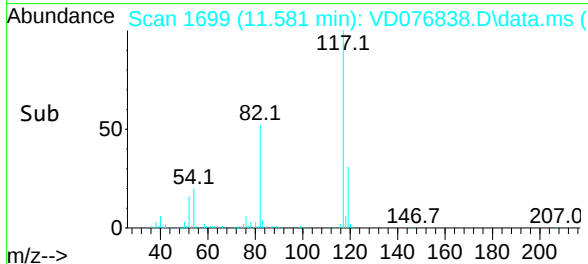
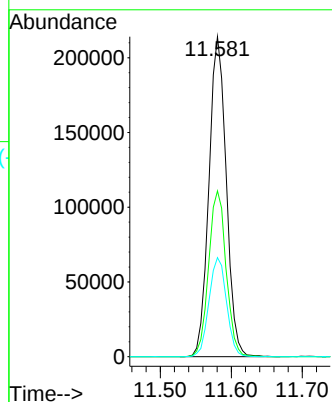
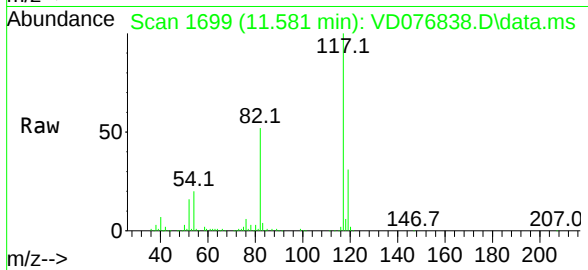
Tgt Ion:117 Resp: 362815

Ion Ratio Lower Upper

117 100

82 51.8 38.3 57.5

119 30.9 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: VD076838.D

Acq: 27 Jul 2023 17:08

Tgt Ion:152 Resp: 157138

Ion Ratio Lower Upper

152 100

115 58.2 27.1 81.3

150 157.4 0.0 353.6

