

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
 Data File : VD076216.D
 Acq On : 24 May 2023 16:10
 Operator : KP/SY
 Sample : 02892-04
 Misc : 6.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-31

Quant Time: May 25 06:02:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	495946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	983006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	946979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	438948	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	171058	35.688	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.380%
35) Dibromofluoromethane	7.804	113	250242	36.829	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.660%
50) Toluene-d8	10.269	98	849922	32.088	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	64.180%
62) 4-Bromofluorobenzene	12.575	95	349822	47.544	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.080%

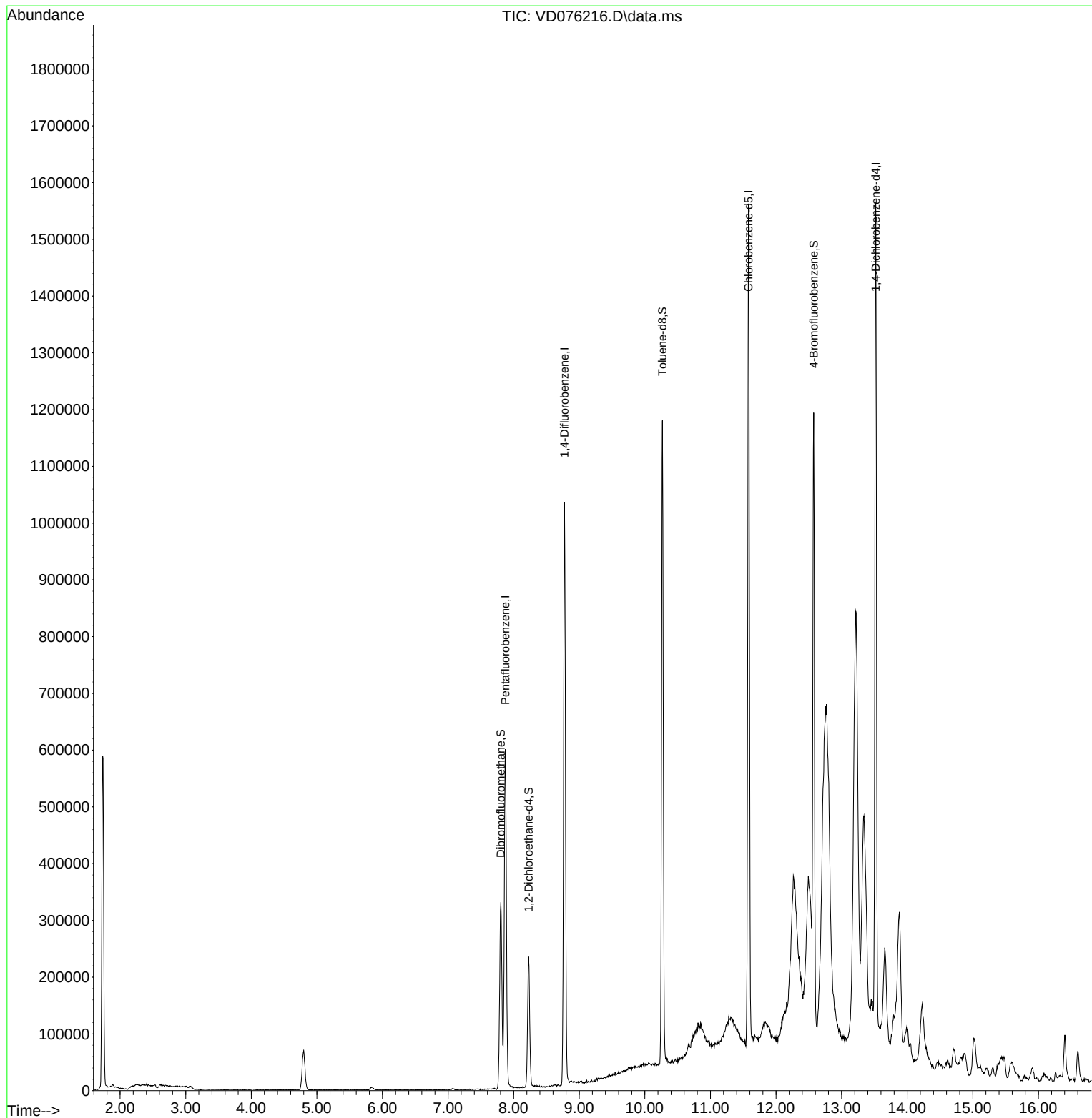
Target Compounds	Qvalue

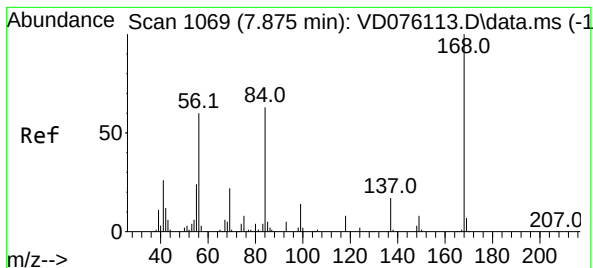
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076216.D

Acq: 24 May 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :

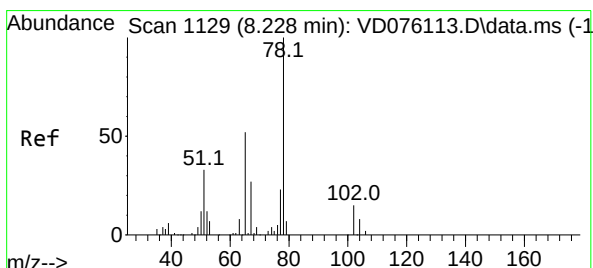
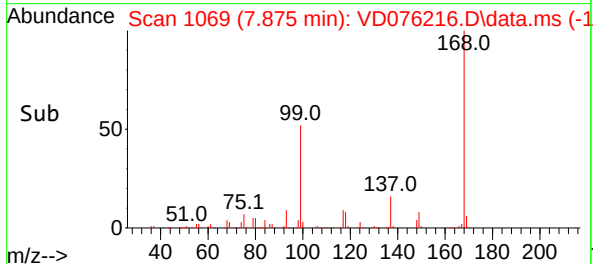
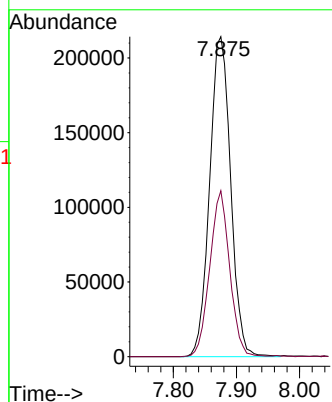
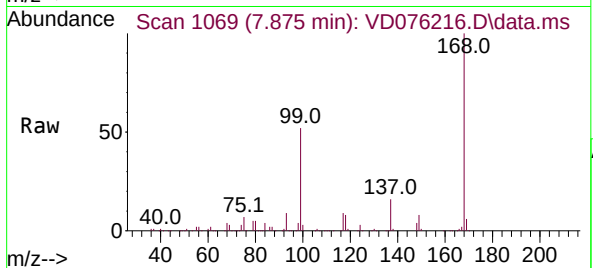
TP-31

Tgt Ion:168 Resp: 495946

Ion Ratio Lower Upper

168 100

99 51.9 43.8 65.6



#33

1,2-Dichloroethane-d4

Concen: 35.688 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076216.D

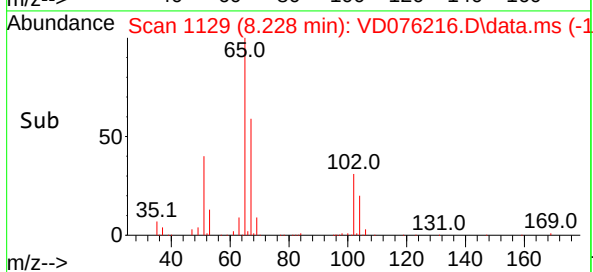
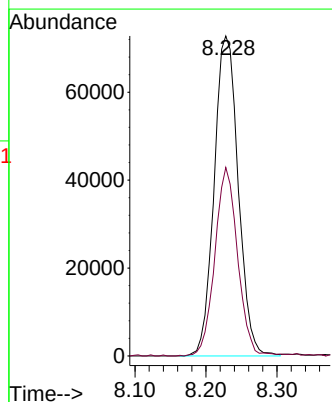
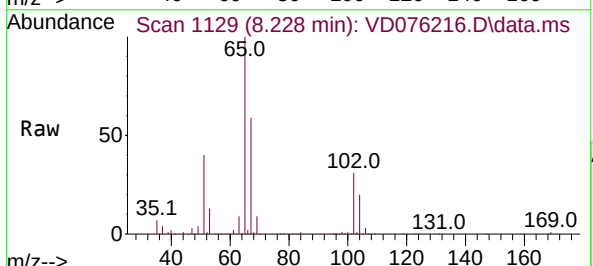
Acq: 24 May 2023 16:10

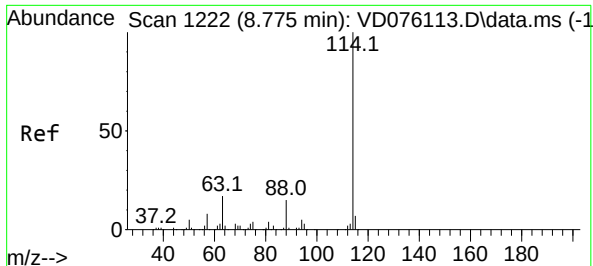
Tgt Ion: 65 Resp: 171058

Ion Ratio Lower Upper

65 100

67 55.8 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076216.D

Acq: 24 May 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :

TP-31

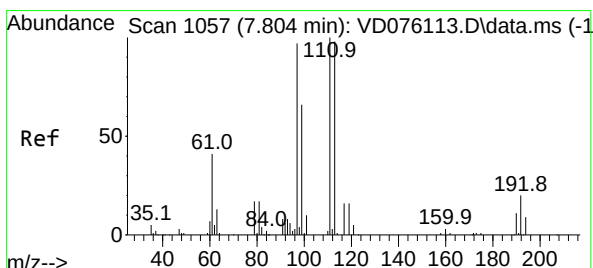
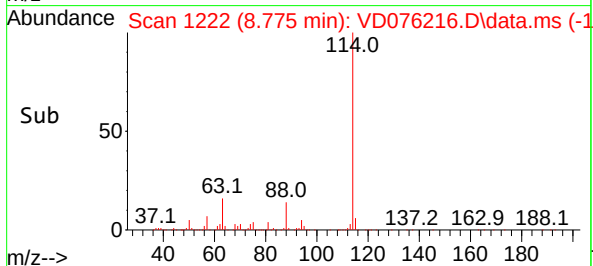
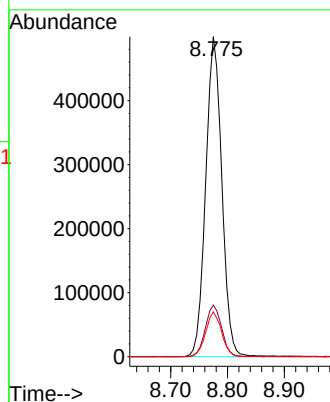
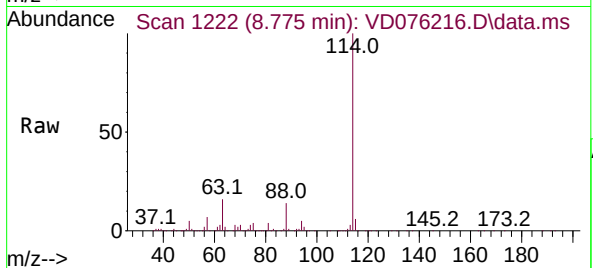
Tgt Ion:114 Resp: 983006

Ion Ratio Lower Upper

114 100

63 16.1 0.0 41.6

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 36.829 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076216.D

Acq: 24 May 2023 16:10

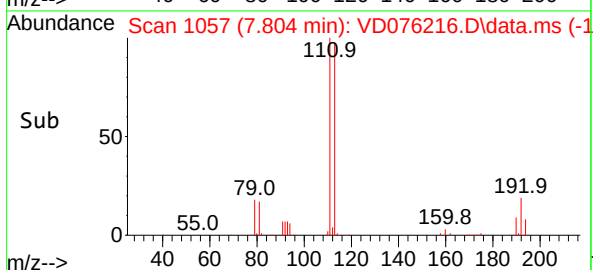
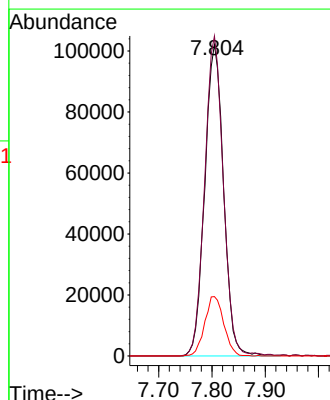
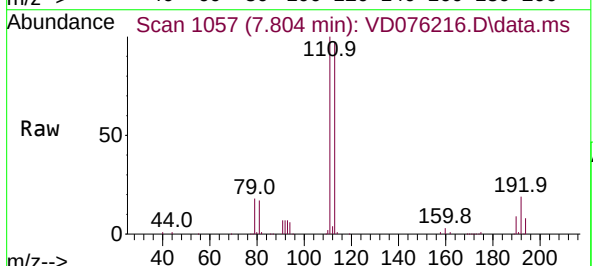
Tgt Ion:113 Resp: 250242

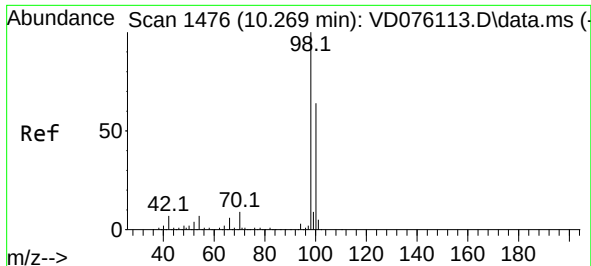
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 19.3 15.2 22.8

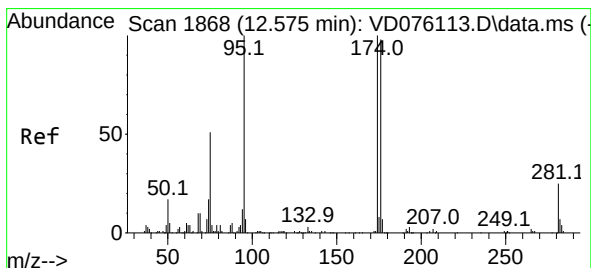
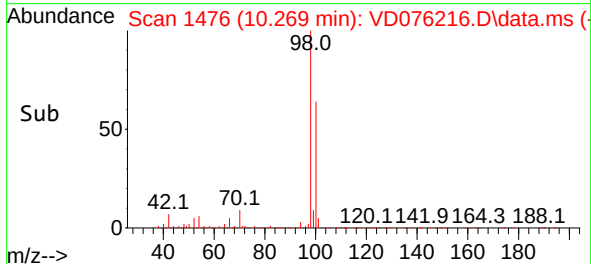
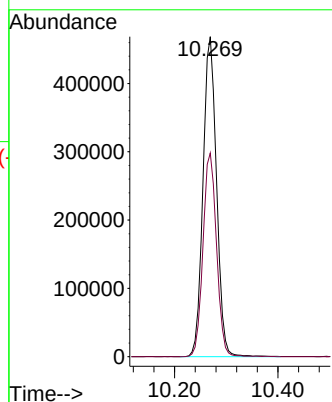
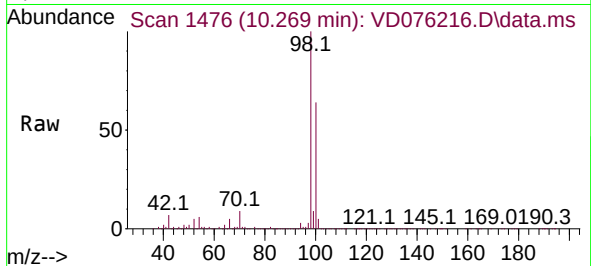




#50
Toluene-d8
Concen: 32.088 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076216.D
Acq: 24 May 2023 16:10

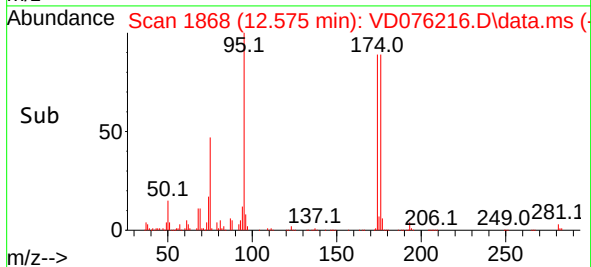
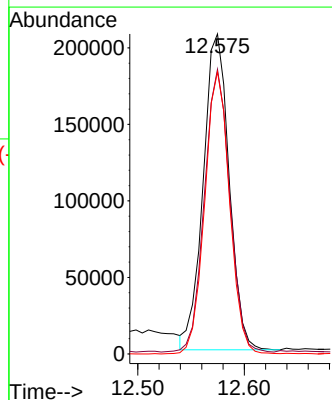
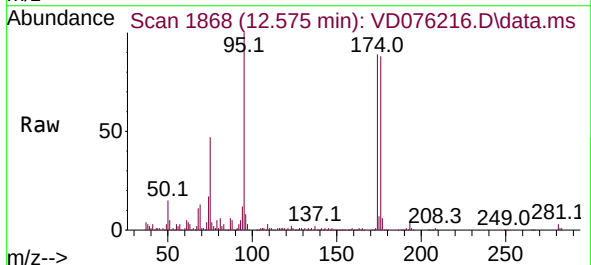
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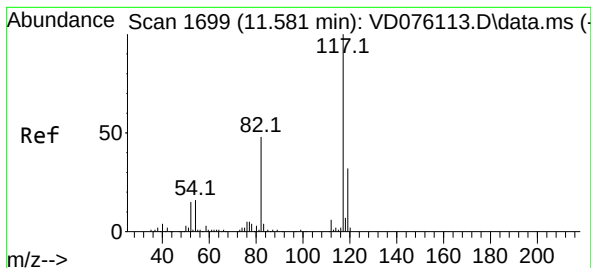
Tgt Ion: 98 Resp: 849922
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.544 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076216.D
Acq: 24 May 2023 16:10

Tgt Ion: 95 Resp: 349822
Ion Ratio Lower Upper
95 100
174 87.5 0.0 164.0
176 85.4 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076216.D

Acq: 24 May 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :

TP-31

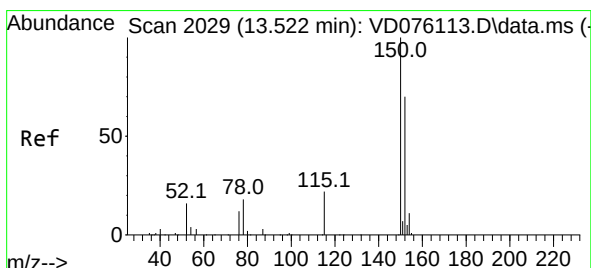
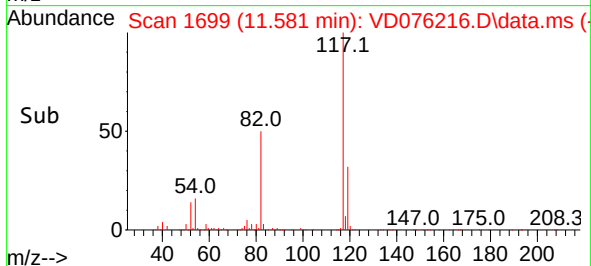
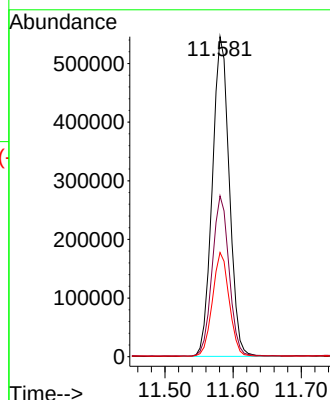
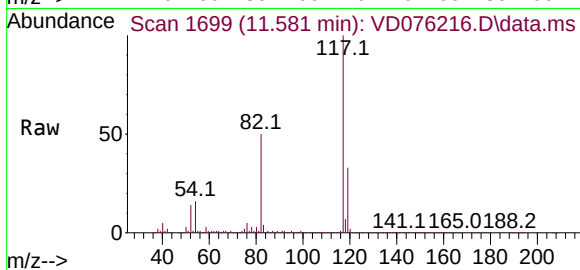
Tgt Ion:117 Resp: 946979

Ion Ratio Lower Upper

117 100

82 50.0 44.0 66.0

119 32.5 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD076216.D

Acq: 24 May 2023 16:10

Tgt Ion:152 Resp: 438948

Ion Ratio Lower Upper

152 100

115 54.2 30.1 90.3

150 157.2 0.0 364.8

