

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075720.D
 Acq On : 18 Apr 2023 11:57
 Operator : KP/SY
 Sample : 02362-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HW-STONE-1-0414

Quant Time: Apr 19 01:22:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	191266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	404527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	324207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	135718	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	96781	53.309	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.620%
35) Dibromofluoromethane	7.804	113	115932	42.609	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.220%
50) Toluene-d8	10.269	98	420521	38.595	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.180%
62) 4-Bromofluorobenzene	12.575	95	108796	37.567	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.140%

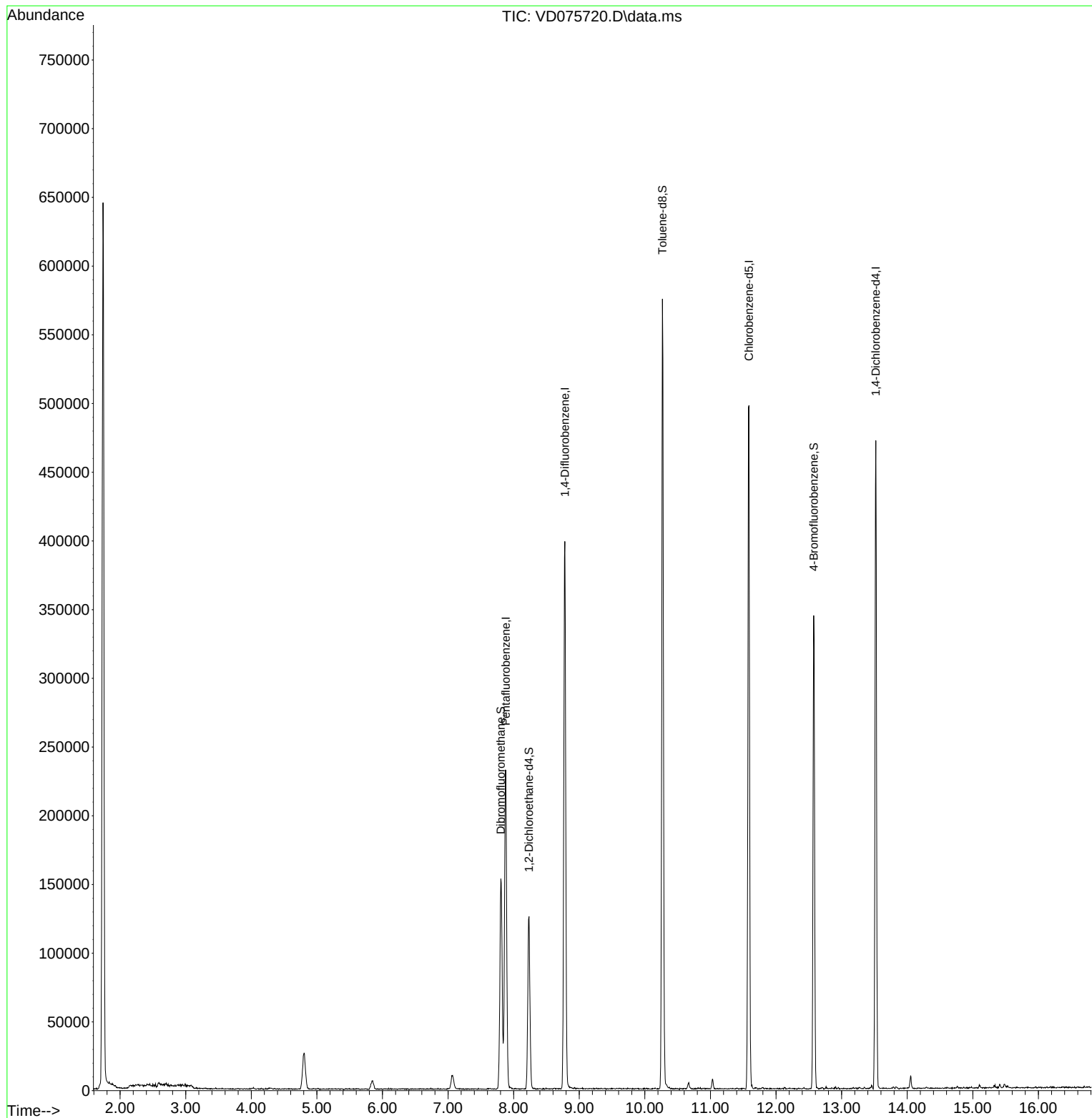
Target Compounds	Qvalue

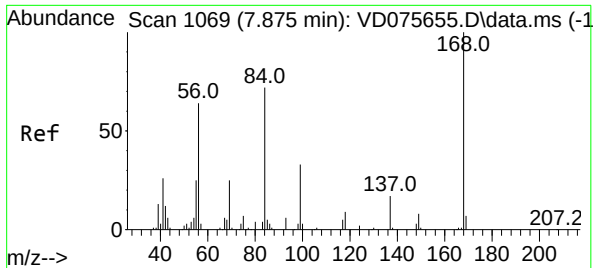
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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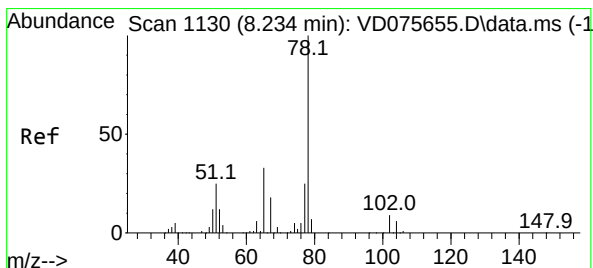
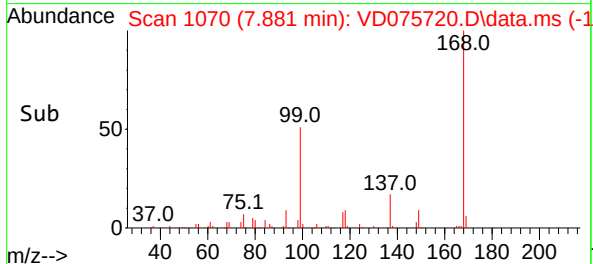
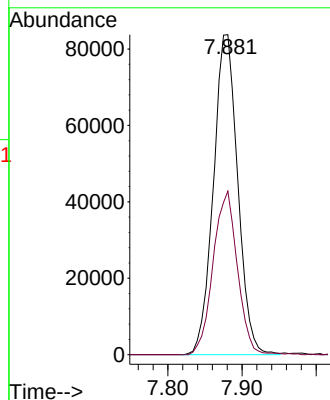
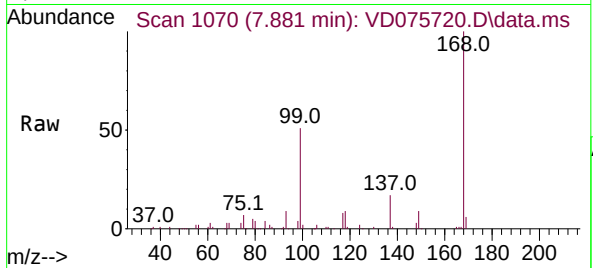




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075720.D
Acq: 18 Apr 2023 11:57

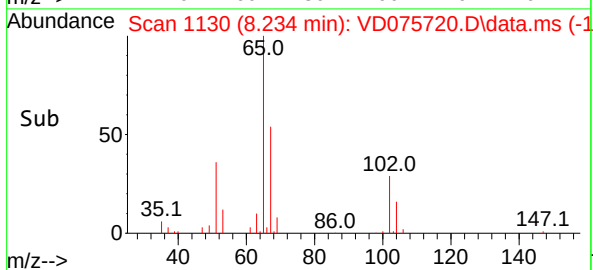
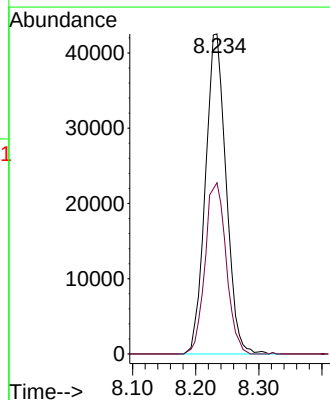
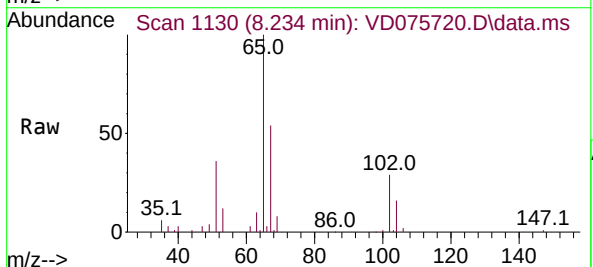
Instrument :
MSVOA_D
ClientSampleId :
HW-STONE-1-0414

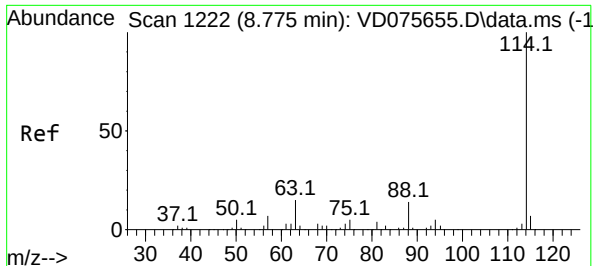
Tgt Ion:168 Resp: 191266
Ion Ratio Lower Upper
168 100
99 51.1 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 53.309 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075720.D
Acq: 18 Apr 2023 11:57

Tgt Ion: 65 Resp: 96781
Ion Ratio Lower Upper
65 100
67 54.6 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075720.D

Acq: 18 Apr 2023 11:57

Instrument :

MSVOA_D

ClientSampleId :

HW-STONE-1-0414

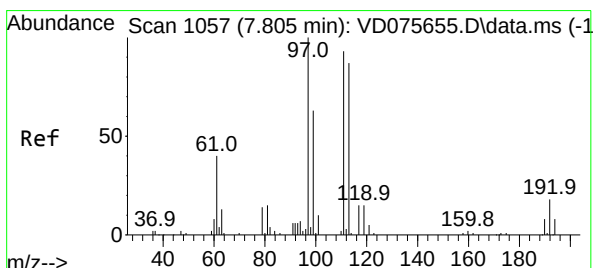
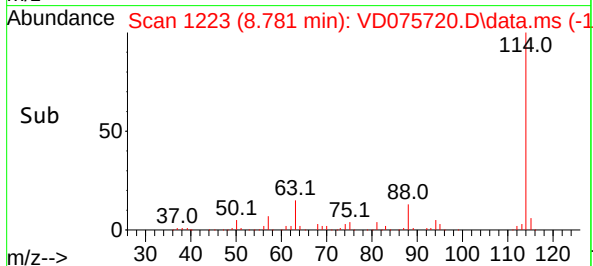
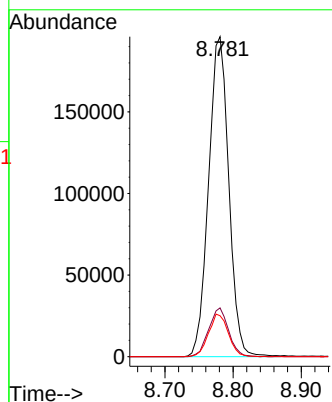
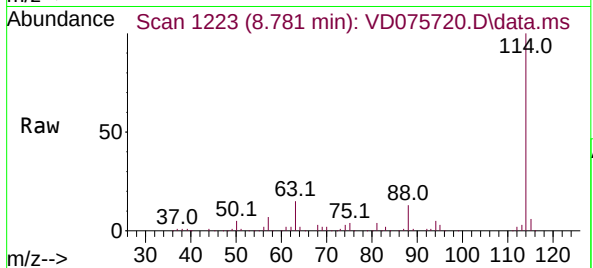
Tgt Ion:114 Resp: 404527

Ion Ratio Lower Upper

114 100

63 15.2 0.0 41.6

88 12.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 42.609 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075720.D

Acq: 18 Apr 2023 11:57

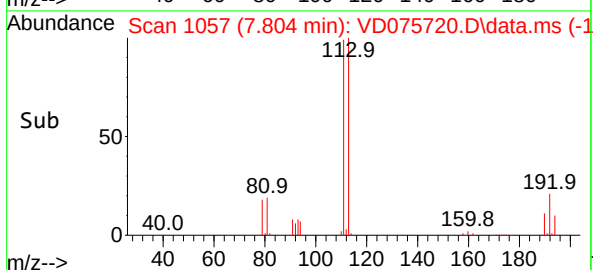
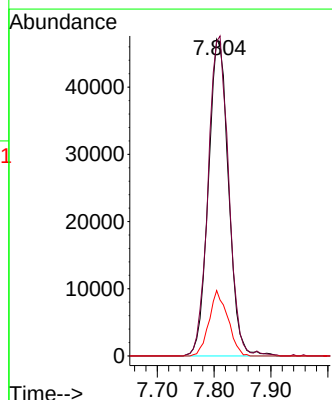
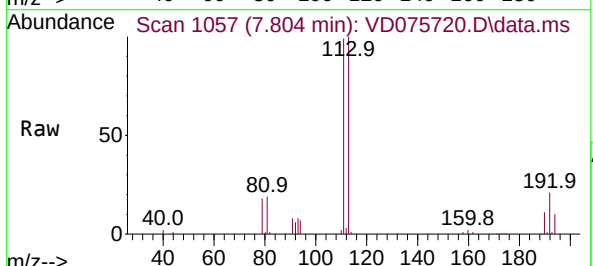
Tgt Ion:113 Resp: 115932

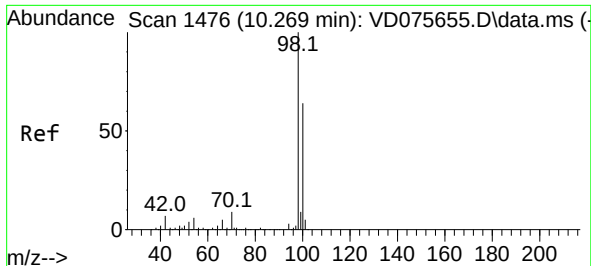
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 19.2 15.2 22.8

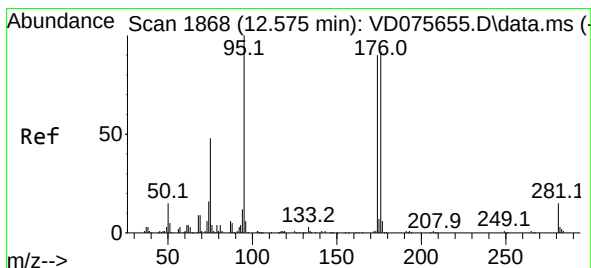
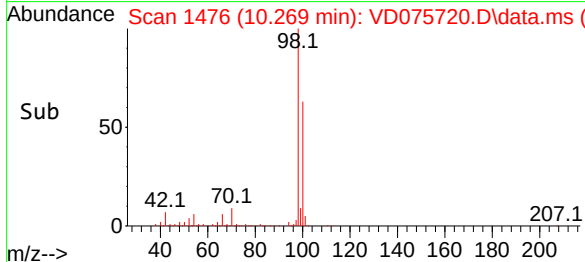
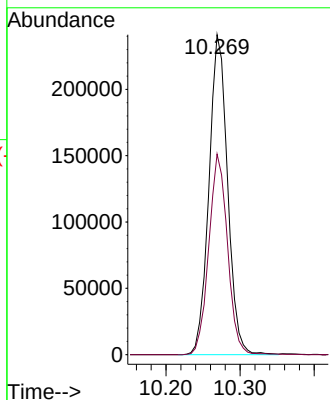
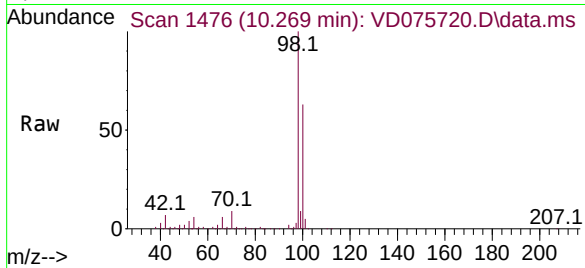




#50
Toluene-d8
Concen: 38.595 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075720.D
Acq: 18 Apr 2023 11:57

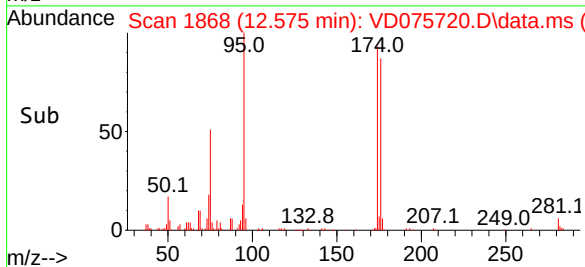
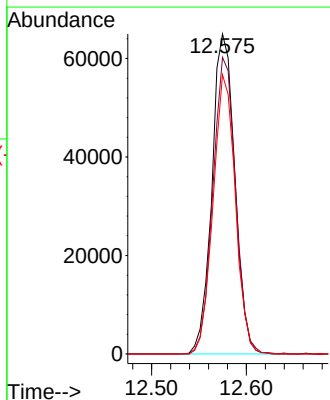
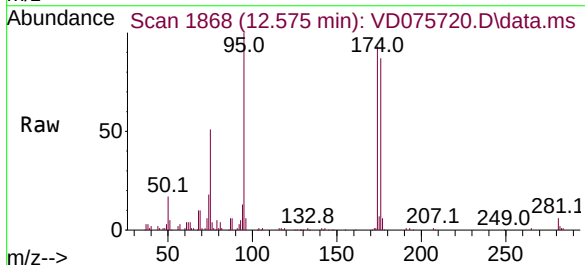
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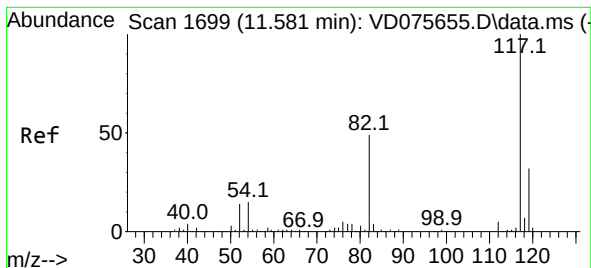
Tgt Ion: 98 Resp: 420521
Ion Ratio Lower Upper
98 100
100 63.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 37.567 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075720.D
Acq: 18 Apr 2023 11:57

Tgt Ion: 95 Resp: 108796
Ion Ratio Lower Upper
95 100
174 92.2 0.0 164.0
176 85.0 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075720.D

Acq: 18 Apr 2023 11:57

Instrument :

MSVOA_D

ClientSampleId :

HW-STONE-1-0414

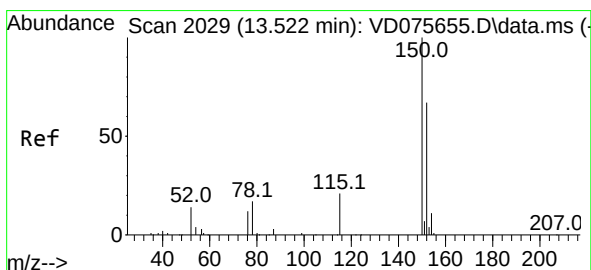
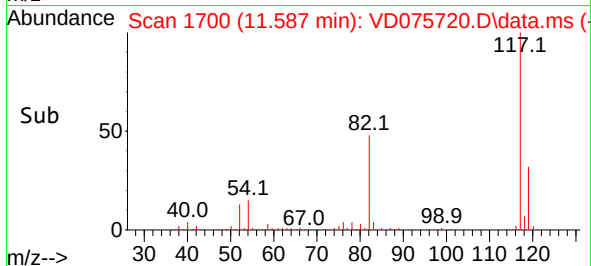
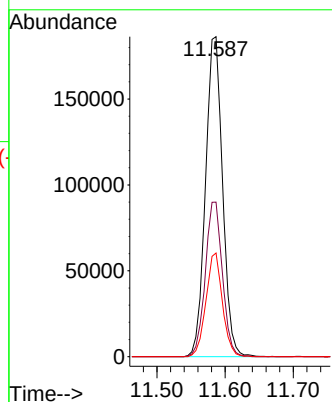
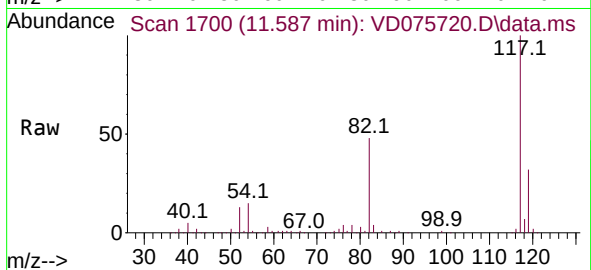
Tgt Ion:117 Resp: 324207

Ion Ratio Lower Upper

117 100

82 48.3 44.0 66.0

119 32.4 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: VD075720.D

Acq: 18 Apr 2023 11:57

Tgt Ion:152 Resp: 135718

Ion Ratio Lower Upper

152 100

115 53.8 30.1 90.3

150 157.4 0.0 364.8

