

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012423\
 Data File : VD075188.D
 Acq On : 24 Jan 2023 15:31
 Operator : KP/SY
 Sample : 01283-01
 Misc : 2.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-H

Quant Time: Jan 25 00:33:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	80153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	159761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	150178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	63040	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45063	55.096	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.200%
35) Dibromofluoromethane	7.804	113	47202	48.894	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.780%
50) Toluene-d8	10.269	98	197417	51.937	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.880%
62) 4-Bromofluorobenzene	12.575	95	62782	52.043	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.080%

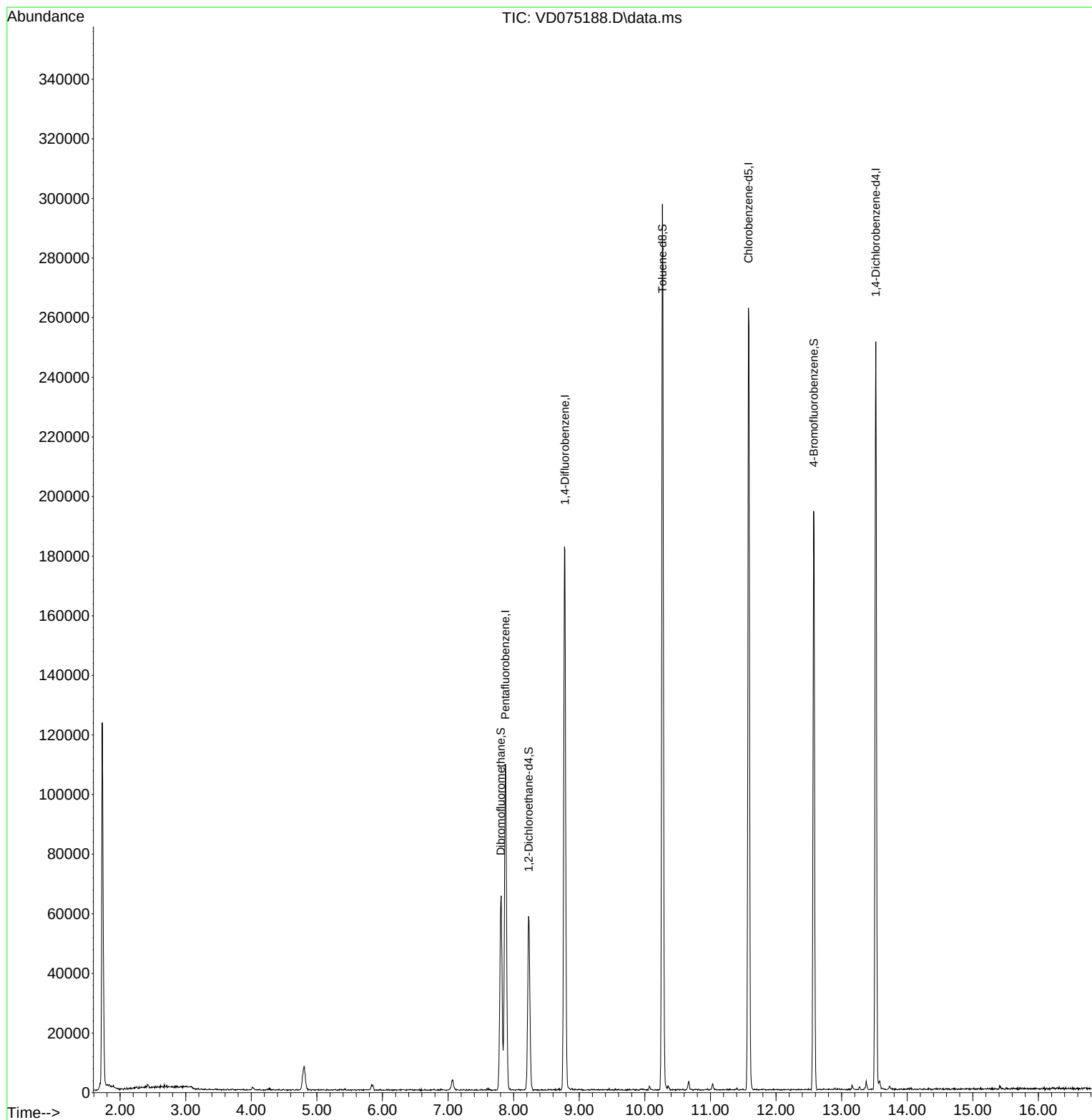
Target Compounds	Qvalue

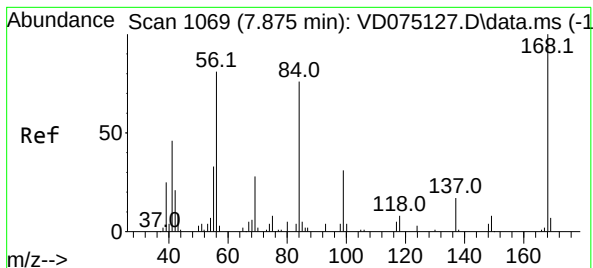
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD075188.D

Acq: 24 Jan 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

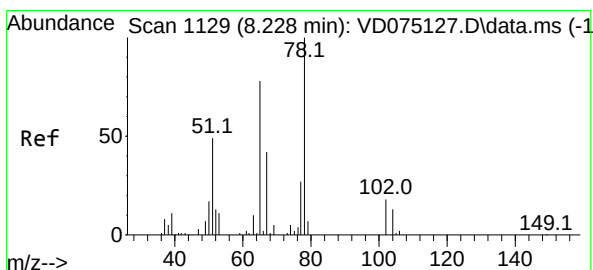
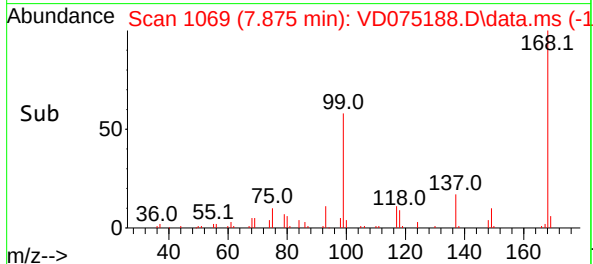
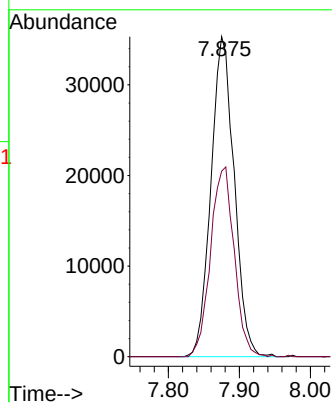
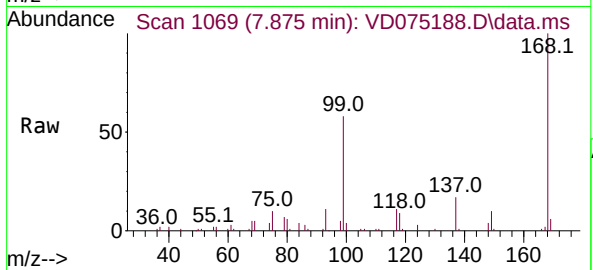
TP-H

Tgt Ion:168 Resp: 80153

Ion Ratio Lower Upper

168 100

99 57.9 45.2 67.8



#33

1,2-Dichloroethane-d4

Concen: 55.096 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075188.D

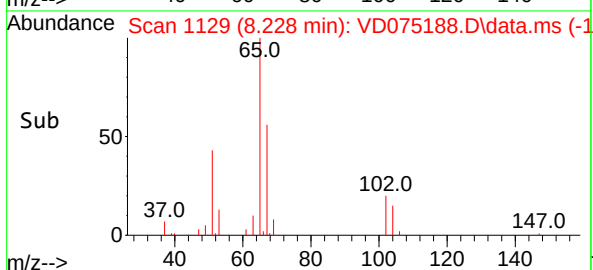
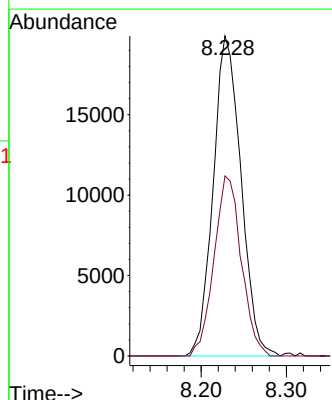
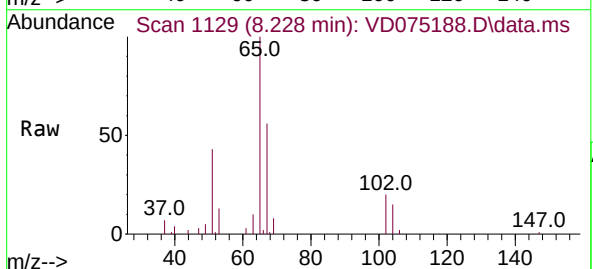
Acq: 24 Jan 2023 15:31

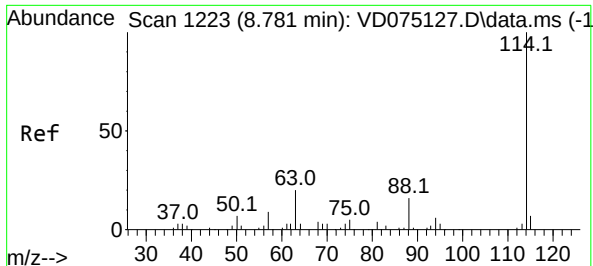
Tgt Ion: 65 Resp: 45063

Ion Ratio Lower Upper

65 100

67 55.2 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075188.D

Acq: 24 Jan 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

TP-H

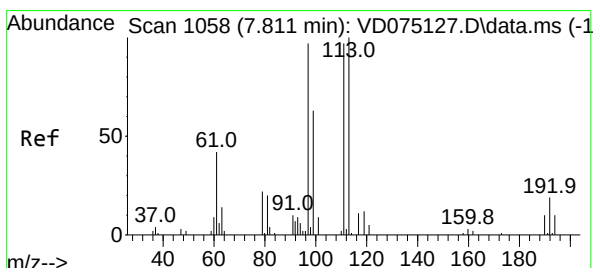
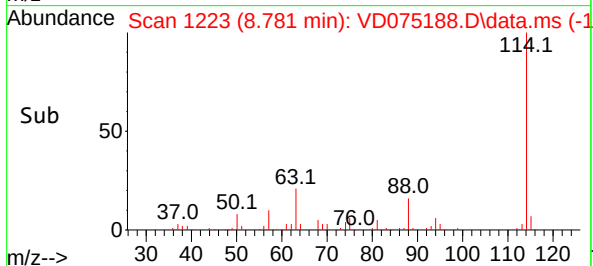
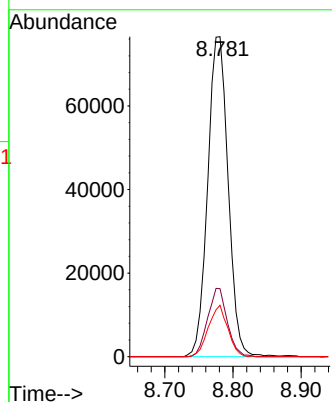
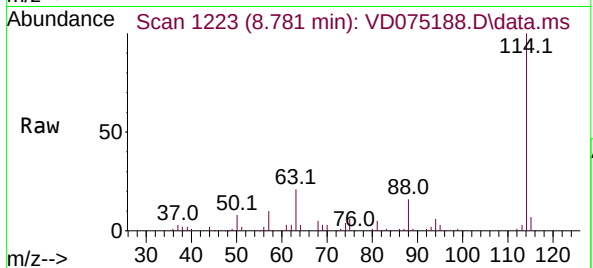
Tgt Ion:114 Resp: 159761

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.2

88 16.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.894 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075188.D

Acq: 24 Jan 2023 15:31

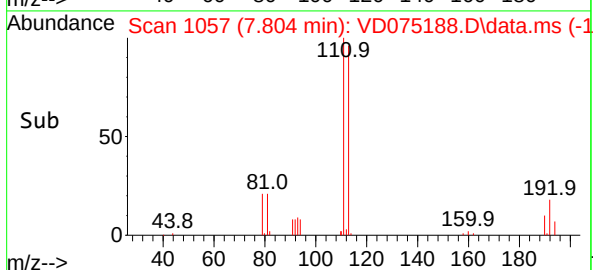
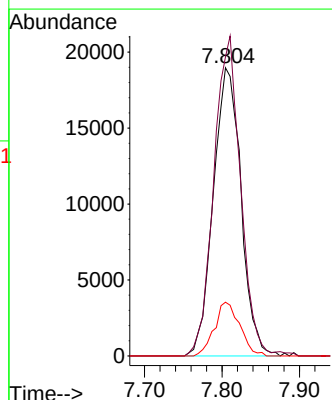
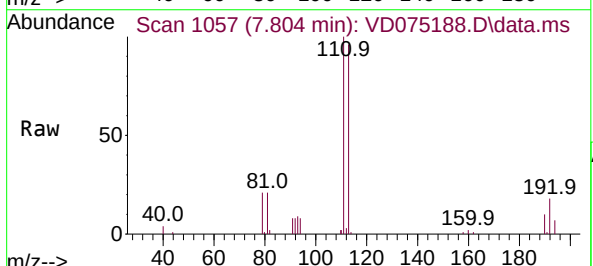
Tgt Ion:113 Resp: 47202

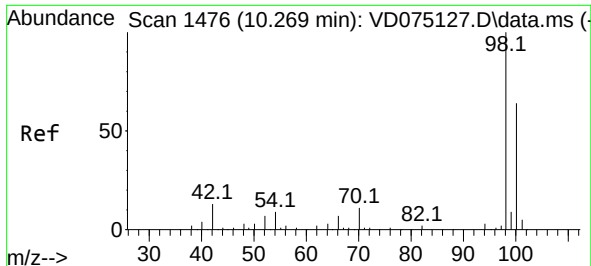
Ion Ratio Lower Upper

113 100

111 106.7 80.1 120.1

192 17.1 15.4 23.0

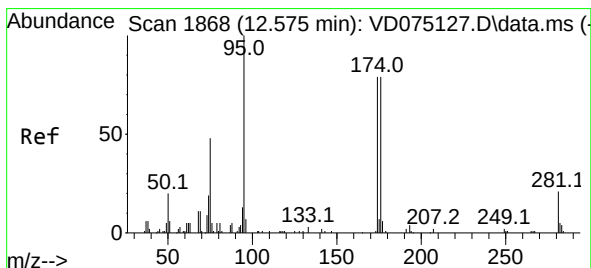
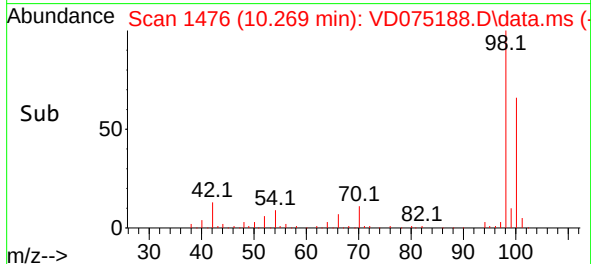
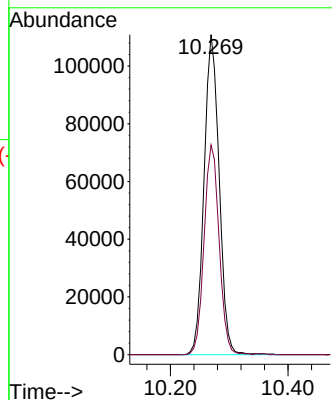
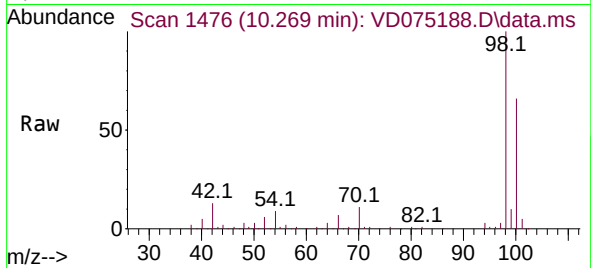




#50
Toluene-d8
Concen: 51.937 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075188.D
Acq: 24 Jan 2023 15:31

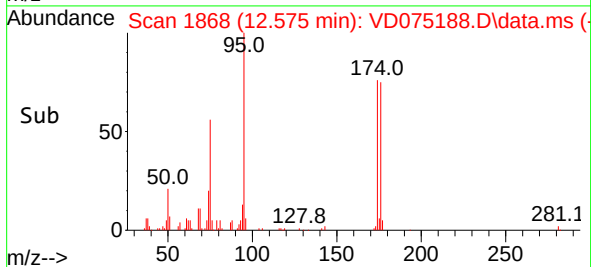
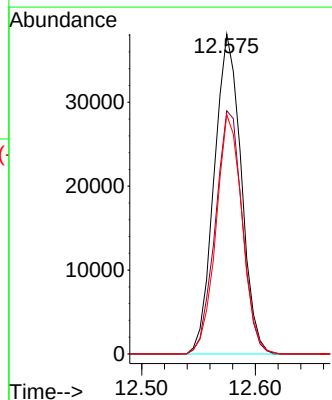
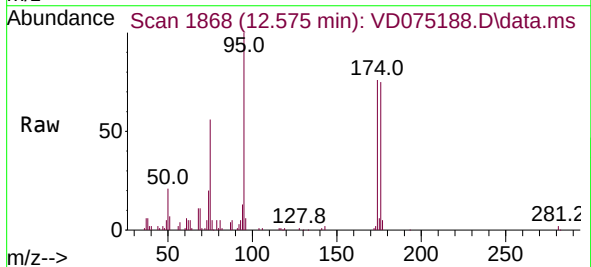
Instrument :
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TP-H

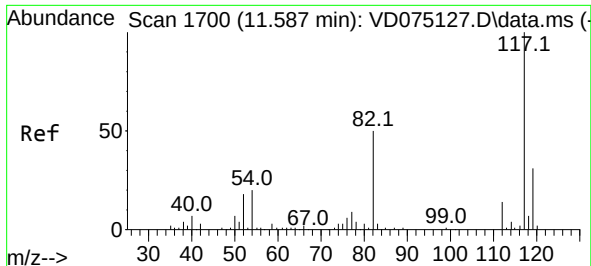
Tgt Ion: 98 Resp: 197417
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 52.043 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075188.D
Acq: 24 Jan 2023 15:31

Tgt Ion: 95 Resp: 62782
Ion Ratio Lower Upper
95 100
174 76.1 0.0 161.2
176 72.8 0.0 160.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075188.D

Acq: 24 Jan 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

TP-H

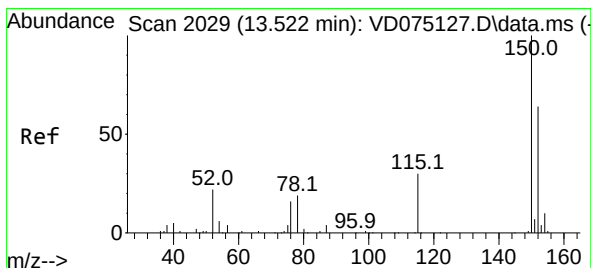
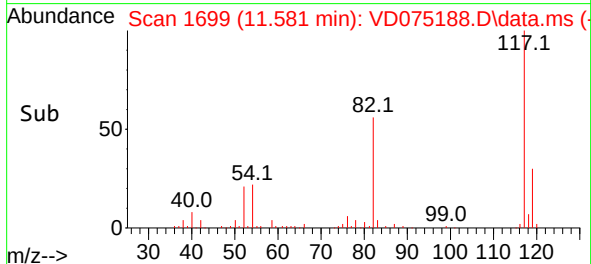
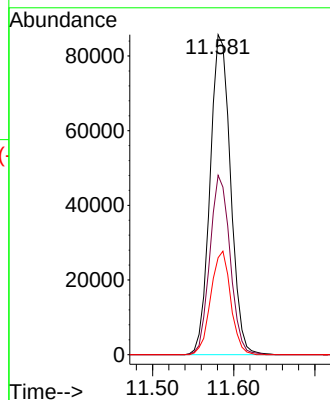
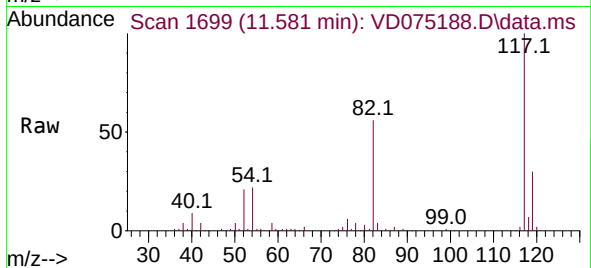
Tgt Ion:117 Resp: 150178

Ion Ratio Lower Upper

117 100

82 56.1 39.6 59.4

119 30.3 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075188.D

Acq: 24 Jan 2023 15:31

Tgt Ion:152 Resp: 63040

Ion Ratio Lower Upper

152 100

115 59.6 28.8 86.4

150 157.0 0.0 348.6

