

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111622\
 Data File : VD074955.D
 Acq On : 16 Nov 2022 18:09
 Operator : VA/SY
 Sample : N5642-10
 Misc : 6.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LEFT-SIDE-FLATS-30

Quant Time: Nov 17 00:21:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	22978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	44049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	46978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	22238	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	20829	148.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	296.080%#
35) Dibromofluoromethane	7.810	113	19961	73.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	147.020%#
50) Toluene-d8	10.269	98	54356	60.771	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	121.540%
62) 4-Bromofluorobenzene	12.575	95	17875	65.082	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	130.160%

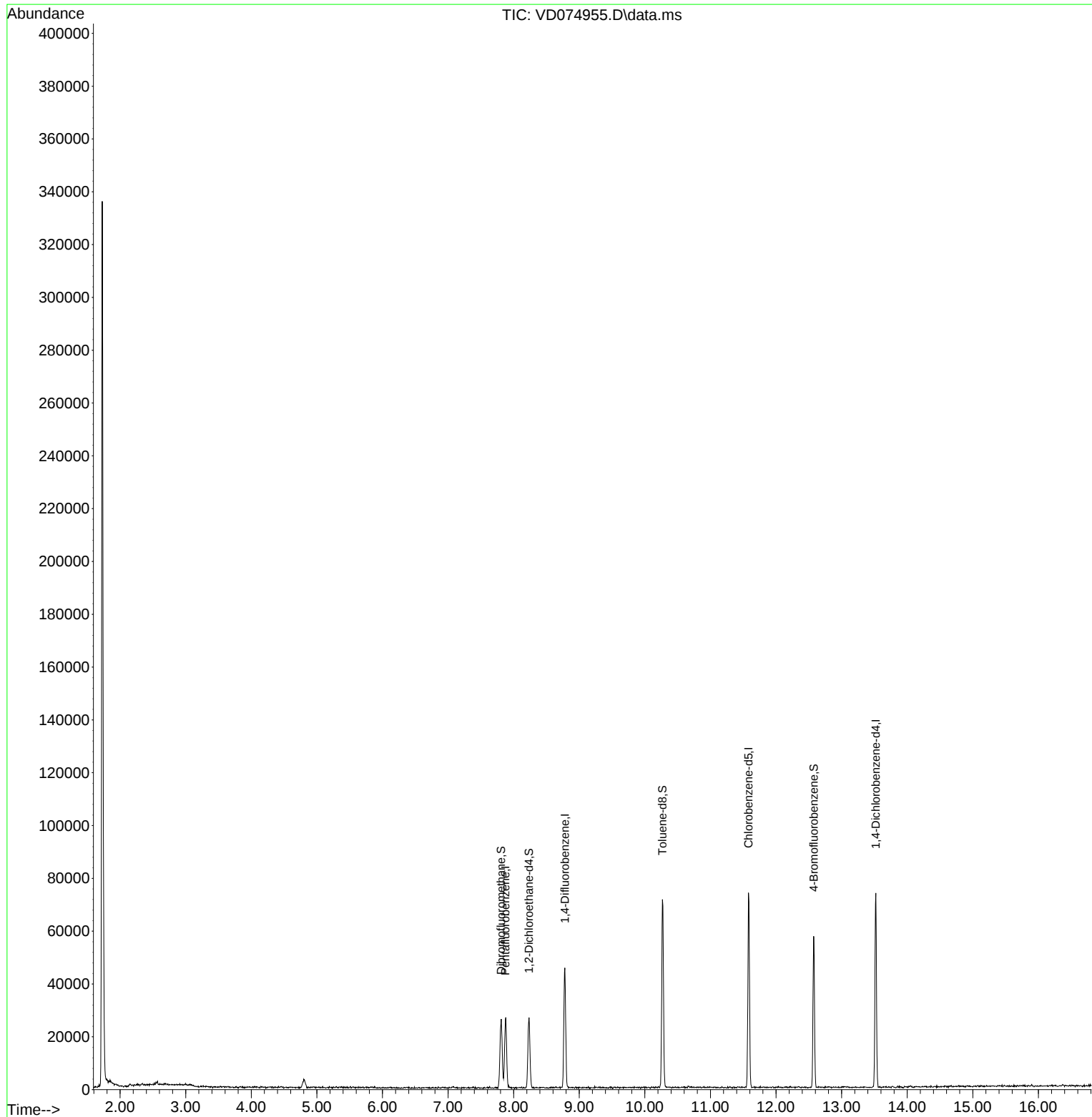
Target Compounds	Qvalue

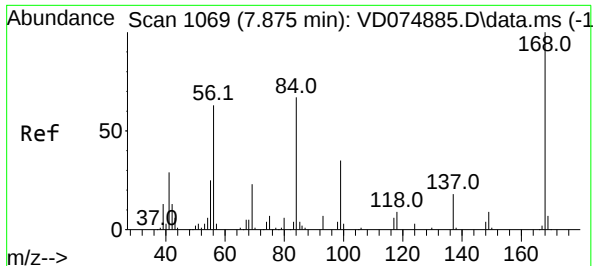
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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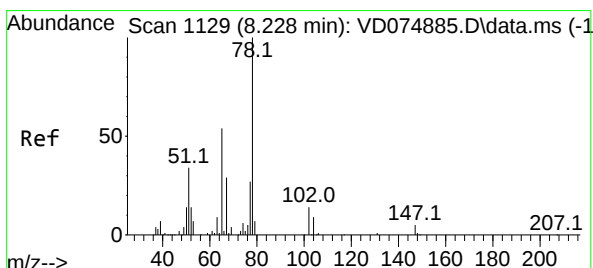
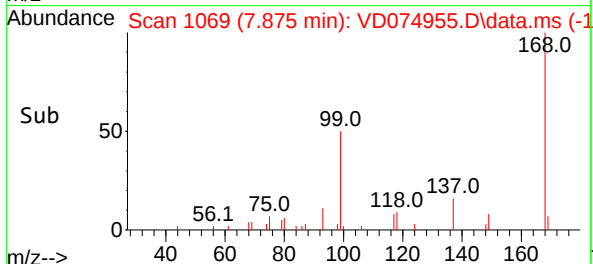
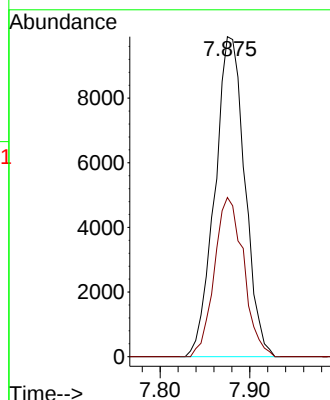
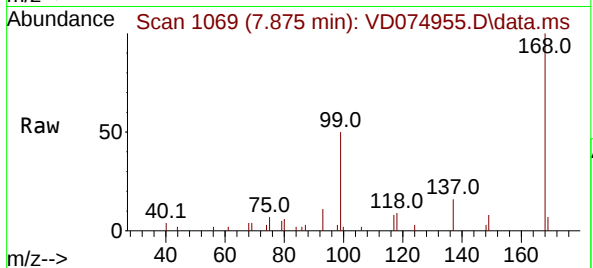




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD074955.D
Acq: 16 Nov 2022 18:09

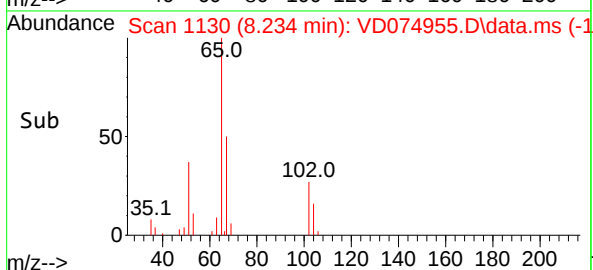
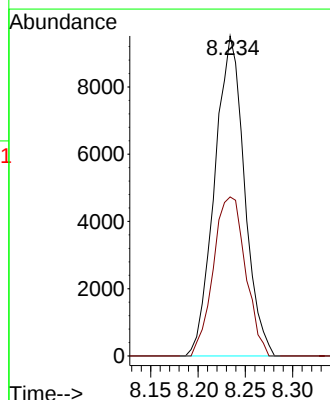
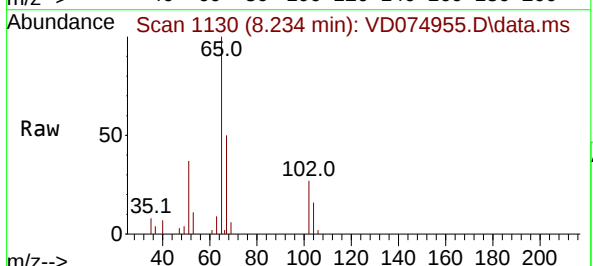
Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-30

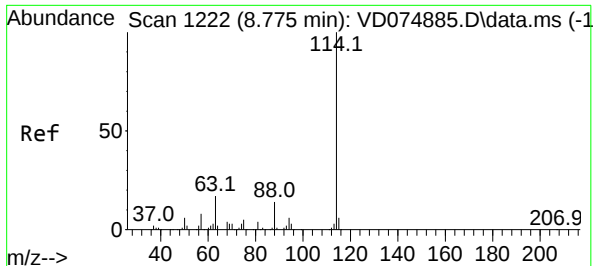
Tgt Ion:168 Resp: 22978
Ion Ratio Lower Upper
168 100
99 49.8 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 148.039 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074955.D
Acq: 16 Nov 2022 18:09

Tgt Ion: 65 Resp: 20829
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074955.D

Acq: 16 Nov 2022 18:09

Instrument :

MSVOA_D

ClientSampleId :

LEFT-SIDE-FLATS-30

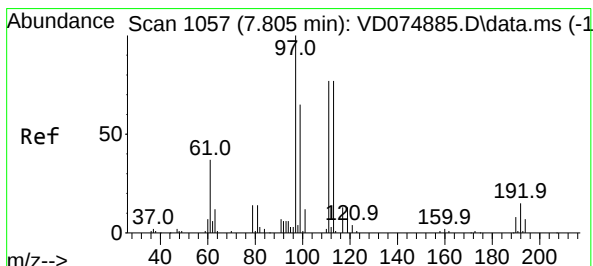
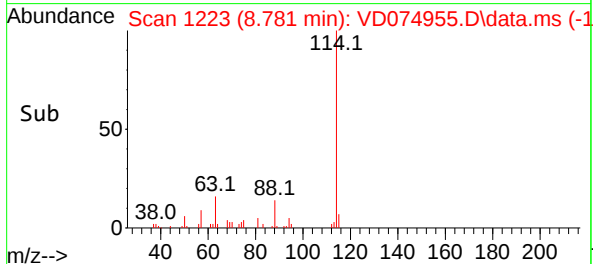
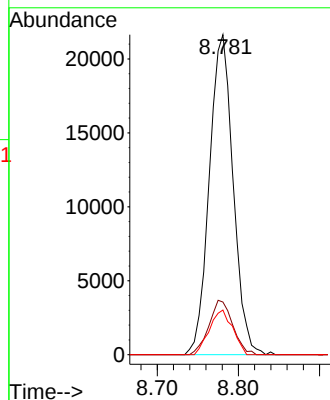
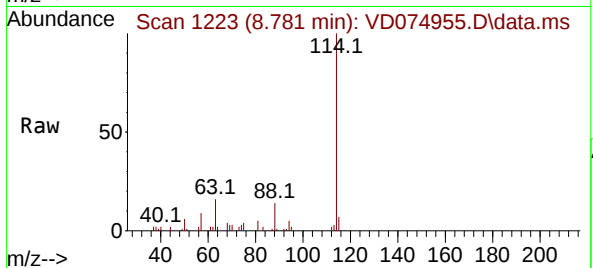
Tgt Ion:114 Resp: 44049

Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.2

88 14.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 73.513 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074955.D

Acq: 16 Nov 2022 18:09

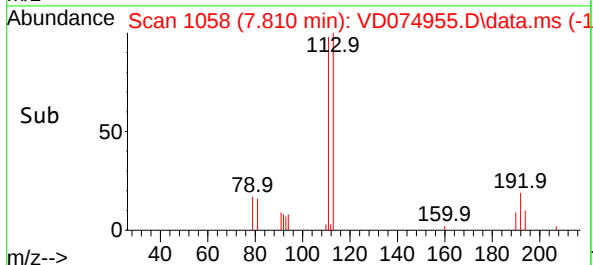
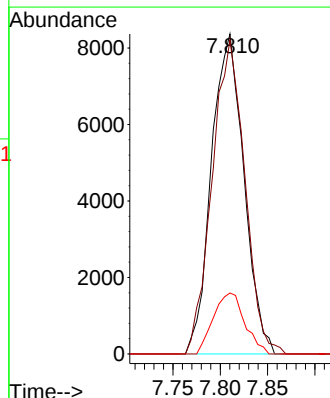
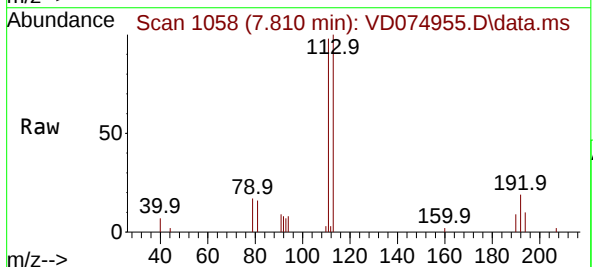
Tgt Ion:113 Resp: 19961

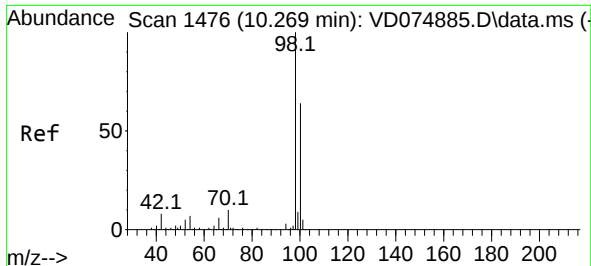
Ion Ratio Lower Upper

113 100

111 98.7 82.3 123.5

192 18.4 16.4 24.6

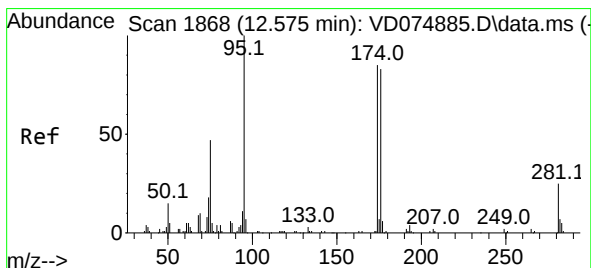
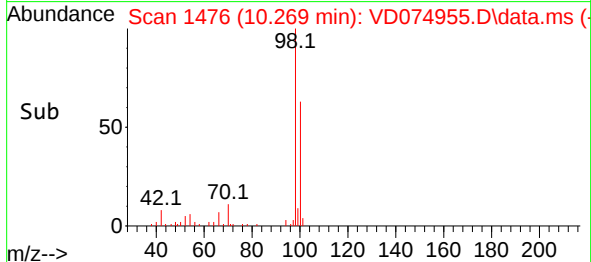
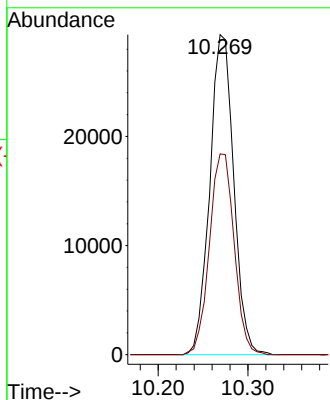
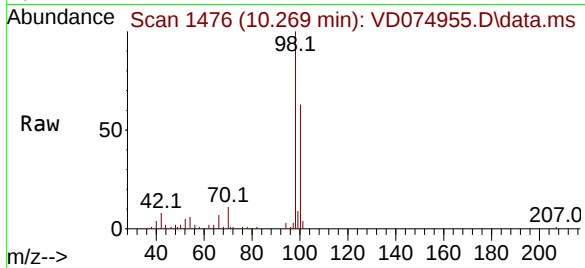




#50
Toluene-d8
Concen: 60.771 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074955.D
Acq: 16 Nov 2022 18:09

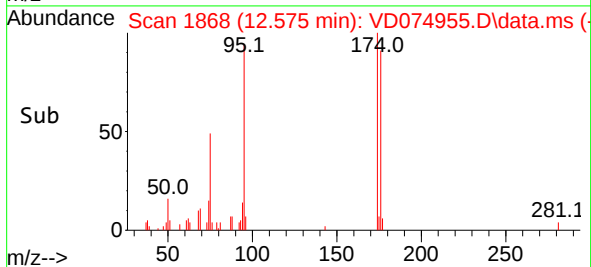
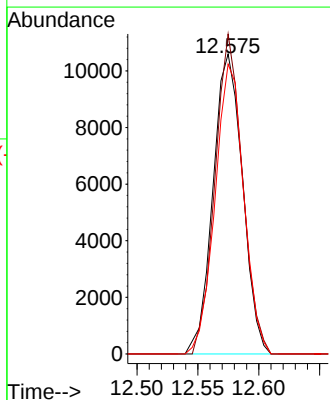
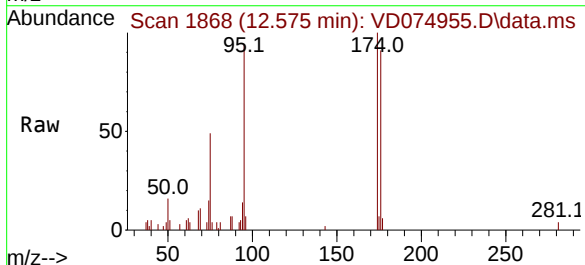
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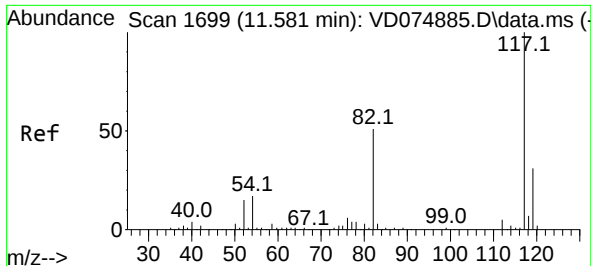
Tgt Ion: 98 Resp: 54356
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 65.082 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074955.D
Acq: 16 Nov 2022 18:09

Tgt Ion: 95 Resp: 17875
Ion Ratio Lower Upper
95 100
174 99.2 0.0 197.0
176 93.9 0.0 182.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074955.D

Acq: 16 Nov 2022 18:09

Instrument :

MSVOA_D

ClientSampleId :

LEFT-SIDE-FLATS-30

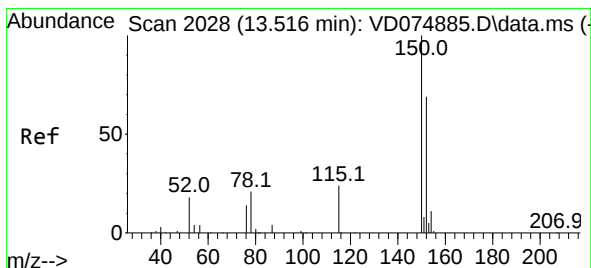
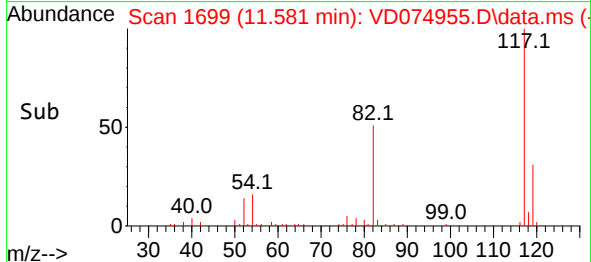
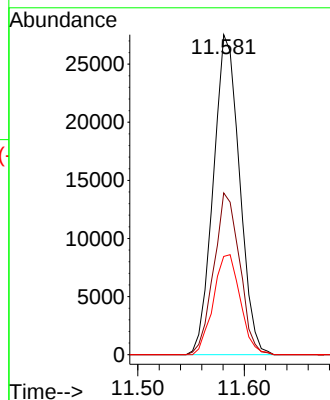
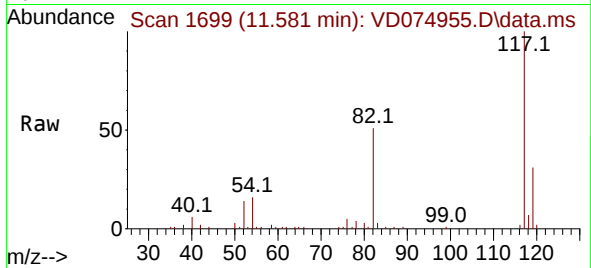
Tgt Ion:117 Resp: 46978

Ion Ratio Lower Upper

117 100

82 50.5 41.6 62.4

119 30.7 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD074955.D

Acq: 16 Nov 2022 18:09

Tgt Ion:152 Resp: 22238

Ion Ratio Lower Upper

152 100

115 53.2 26.8 80.4

150 158.3 0.0 348.2

