

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074210.D
 Acq On : 24 Aug 2022 04:53
 Operator : VA/SY
 Sample : N4295-02
 Misc : 8.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 XRDS-RECYCLED-SAND-SP-A-GRAB

Quant Time: Aug 24 06:28:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	86149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	220503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	259687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	122547	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	85377	96.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 193.980%#	
35) Dibromofluoromethane	7.909	113	89987	61.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.020%	
50) Toluene-d8	10.332	98	301727	63.563	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 127.120%	
62) 4-Bromofluorobenzene	12.614	95	114932	61.288	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 122.580%	

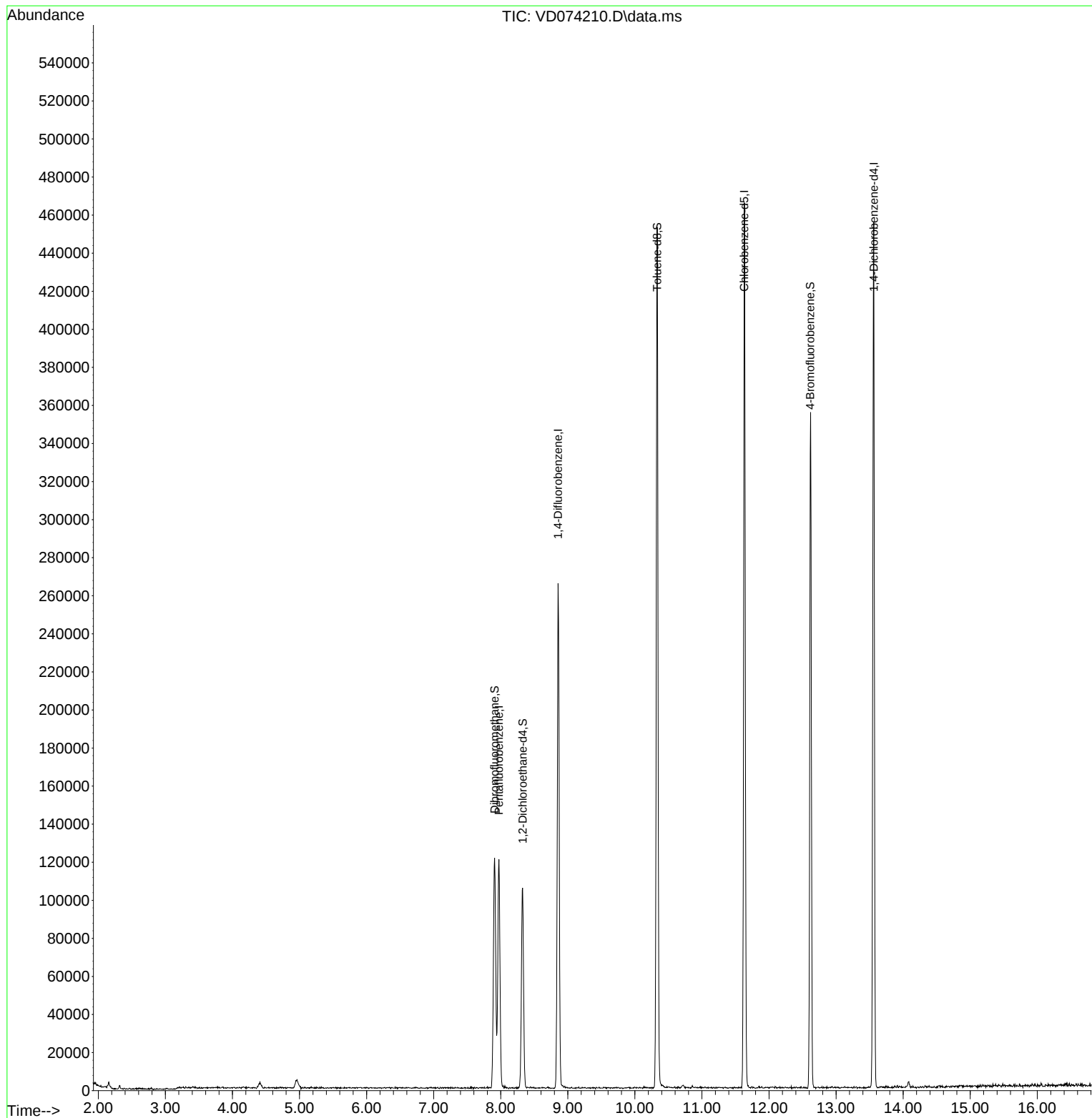
Target Compounds	Qvalue

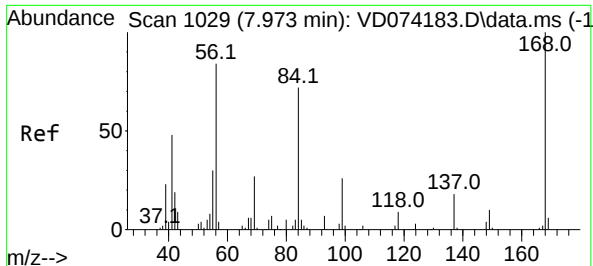
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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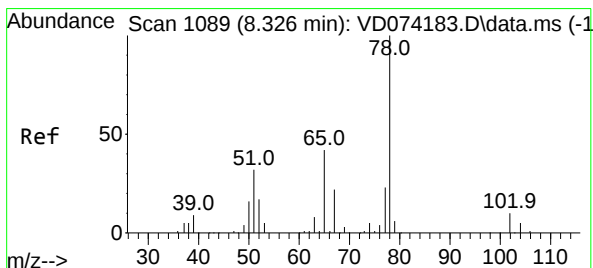
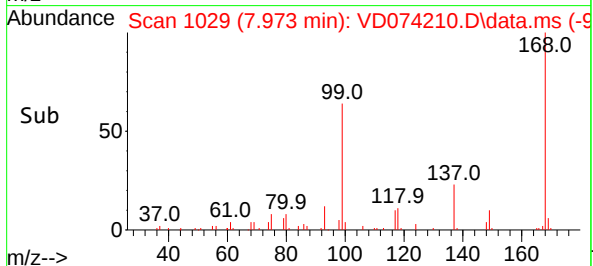
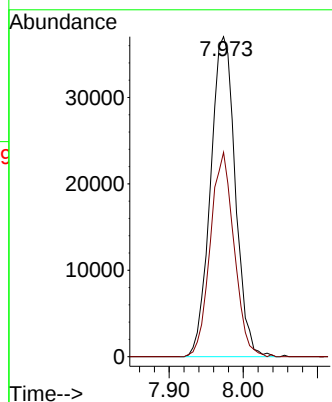
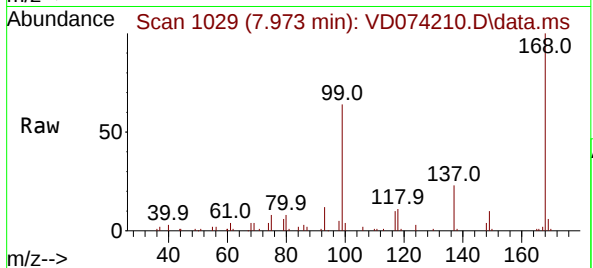




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074210.D
Acq: 24 Aug 2022 04:53

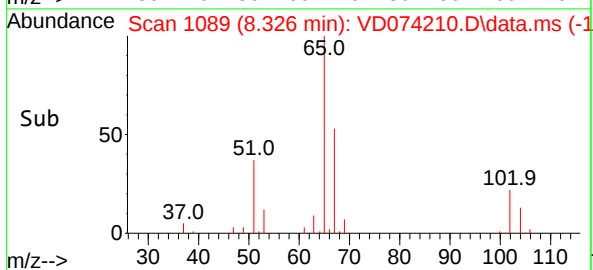
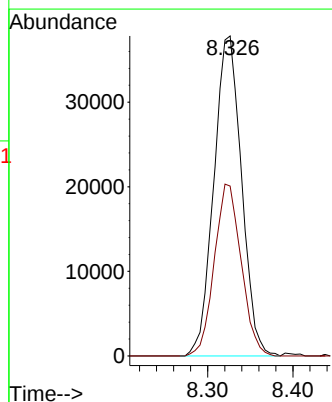
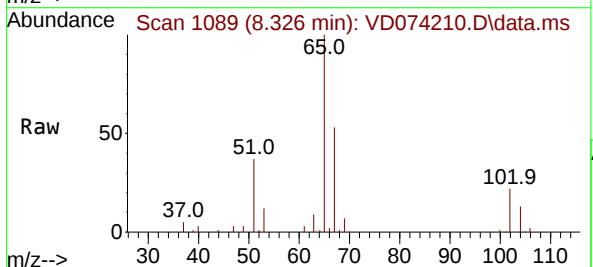
Instrument :
MSVOA_D
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-GRAB

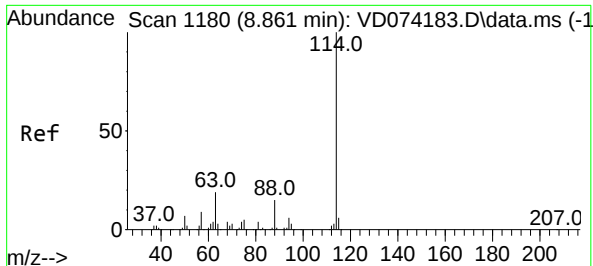
Tgt Ion:168 Resp: 86149
Ion Ratio Lower Upper
168 100
99 63.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 96.985 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD074210.D
Acq: 24 Aug 2022 04:53

Tgt Ion: 65 Resp: 85377
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD074210.D

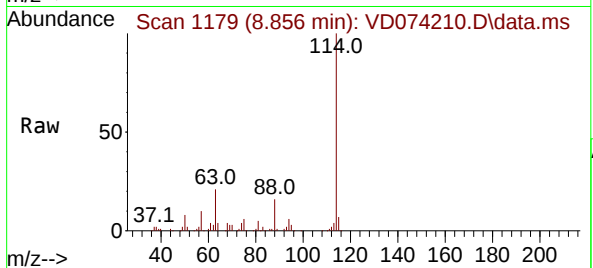
Acq: 24 Aug 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

XRDS-RECYCLED-SAND-SP-A-GRAB



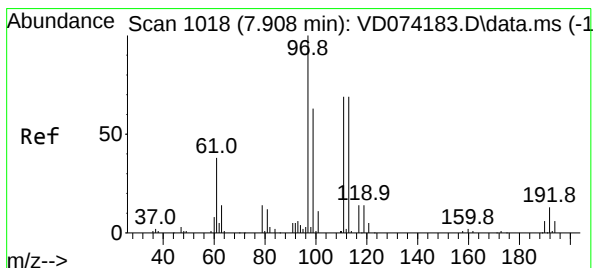
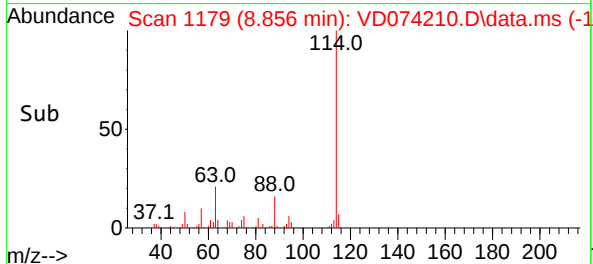
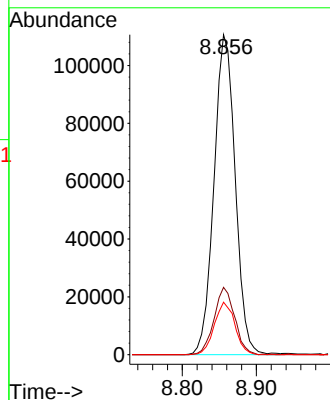
Tgt Ion:114 Resp: 220503

Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 16.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 61.012 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD074210.D

Acq: 24 Aug 2022 04:53

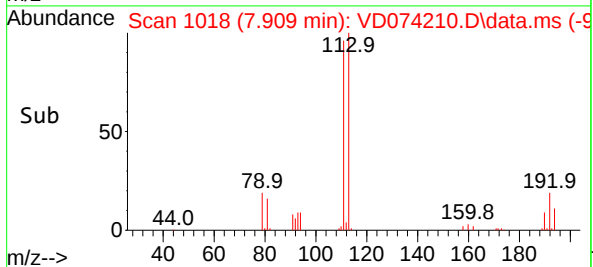
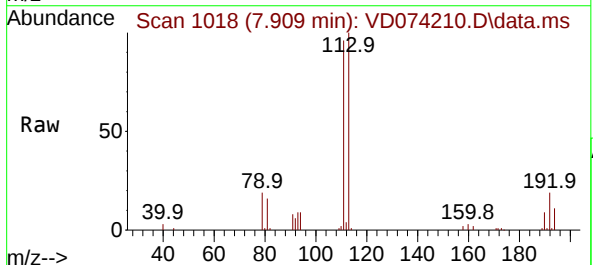
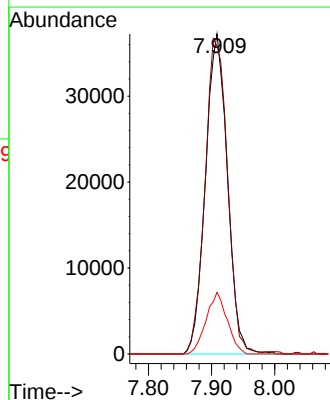
Tgt Ion:113 Resp: 89987

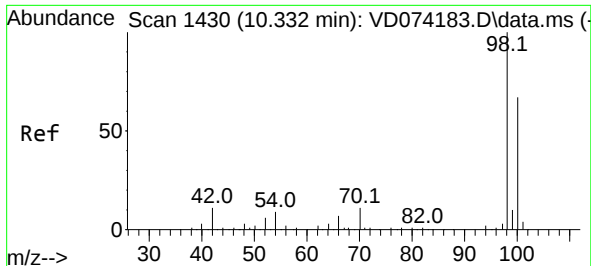
Ion Ratio Lower Upper

113 100

111 101.0 83.8 125.6

192 18.4 14.6 21.8

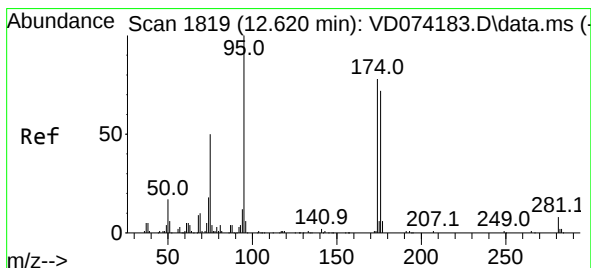
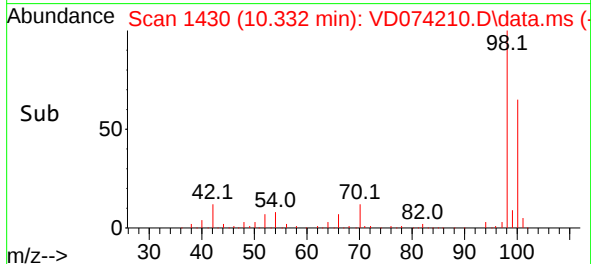
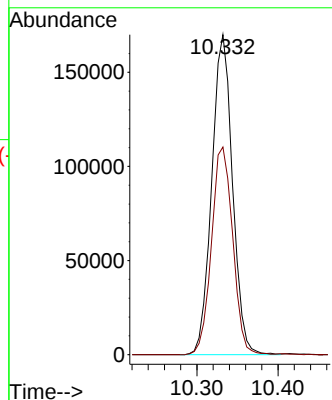
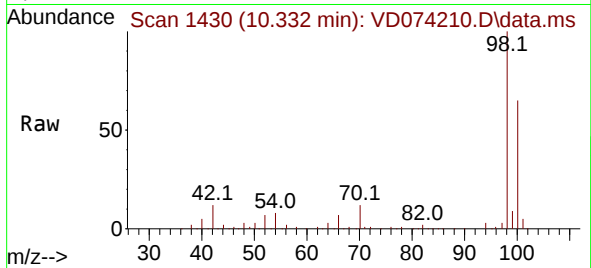




#50
Toluene-d8
Concen: 63.563 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074210.D
Acq: 24 Aug 2022 04:53

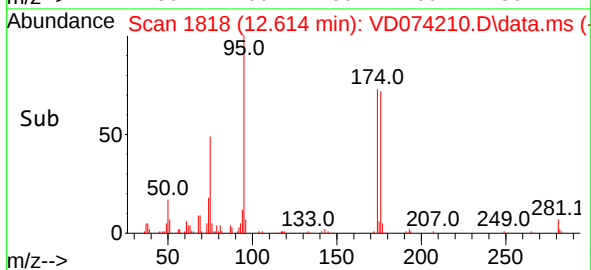
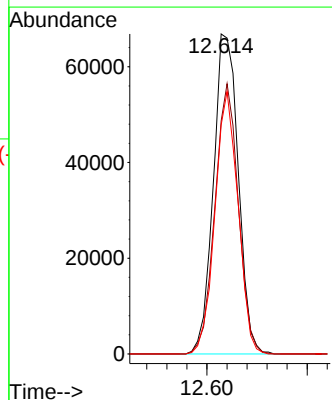
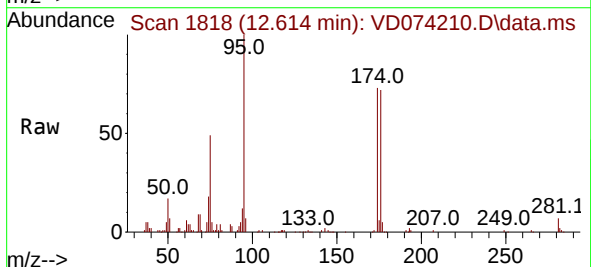
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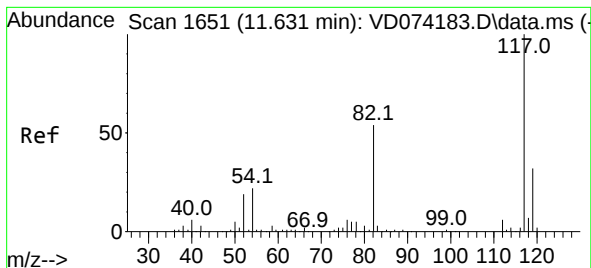
Tgt Ion: 98 Resp: 301727
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 61.288 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074210.D
Acq: 24 Aug 2022 04:53

Tgt Ion: 95 Resp: 114932
Ion Ratio Lower Upper
95 100
174 79.8 0.0 152.8
176 76.0 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD074210.D

Acq: 24 Aug 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

XRDS-RECYCLED-SAND-SP-A-GRAB

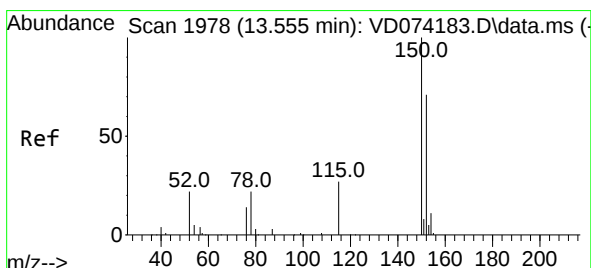
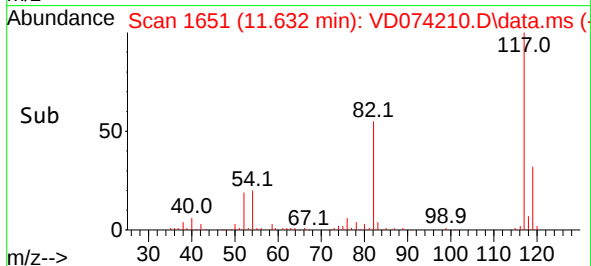
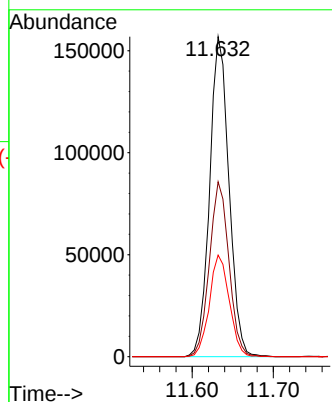
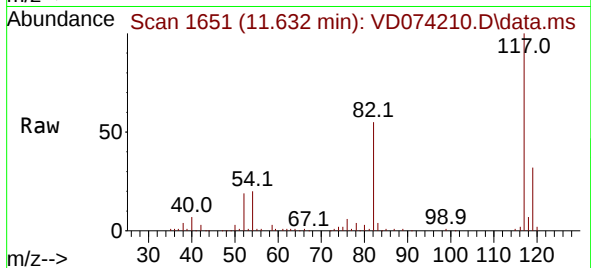
Tgt Ion:117 Resp: 259687

Ion Ratio Lower Upper

117 100

82 54.7 45.3 67.9

119 31.8 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.006 min

Lab File: VD074210.D

Acq: 24 Aug 2022 04:53

Tgt Ion:152 Resp: 122547

Ion Ratio Lower Upper

152 100

115 60.6 31.3 93.8

150 157.6 0.0 348.6

