

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073198.D
 Acq On : 20 May 2022 22:16
 Operator : VA/SY
 Sample : N2942-05
 Misc : 5.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RATZER-RD-SP-1-4

Quant Time: May 21 00:17:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	293452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	529955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	543436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	245181	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	176688	54.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.960%
35) Dibromofluoromethane	7.908	113	183351	52.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.860%
50) Toluene-d8	10.332	98	654983	50.810	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.620%
62) 4-Bromofluorobenzene	12.620	95	263365	58.216	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.440%

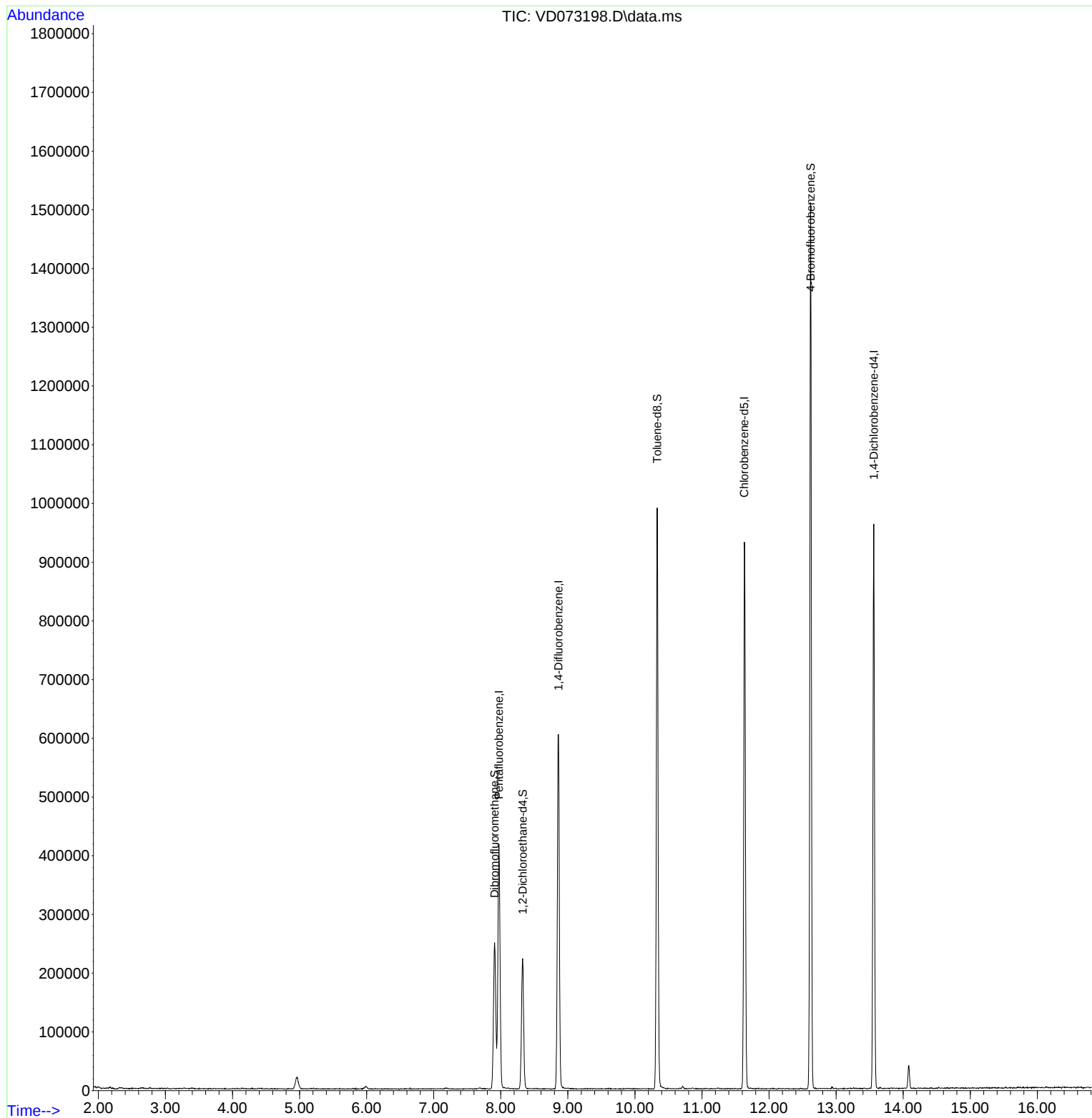
Target Compounds	Qvalue

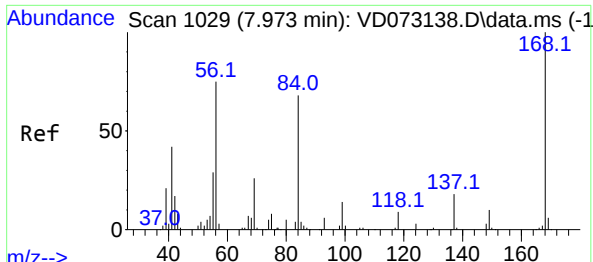
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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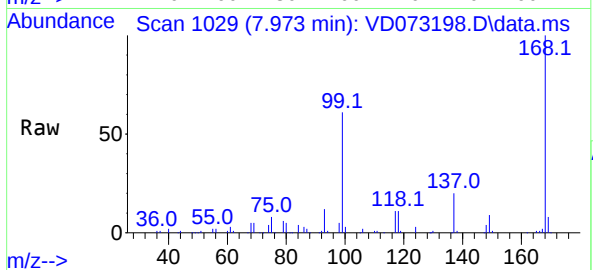
Quant Time: May 21 00:17:46 2022
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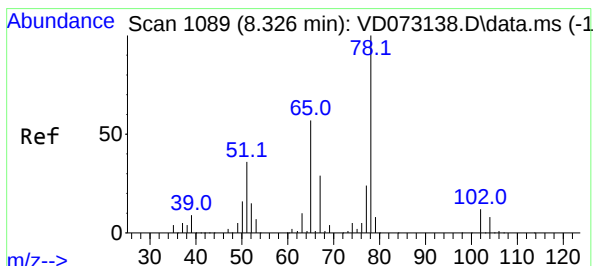
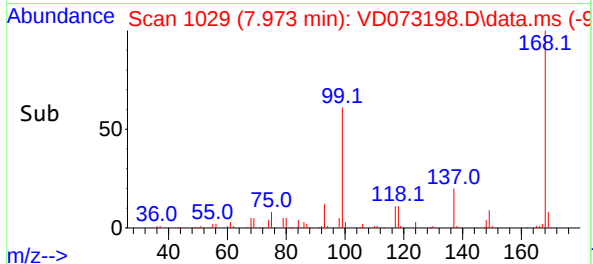
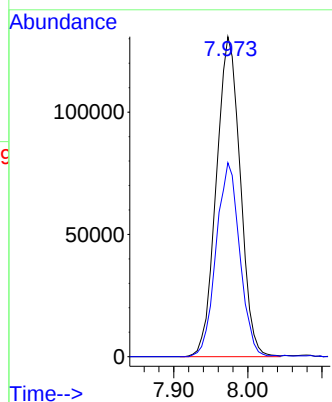


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Instrument :
MSVOA_D
ClientSampleId :
RATZER-RD-SP-1-4

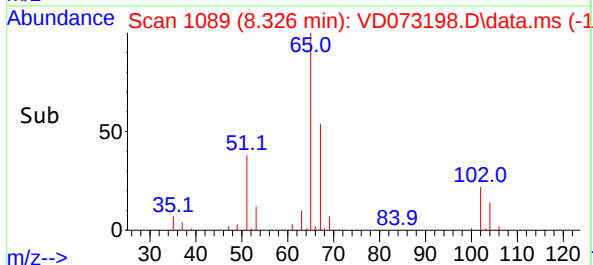
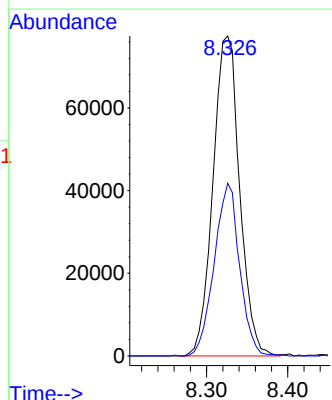
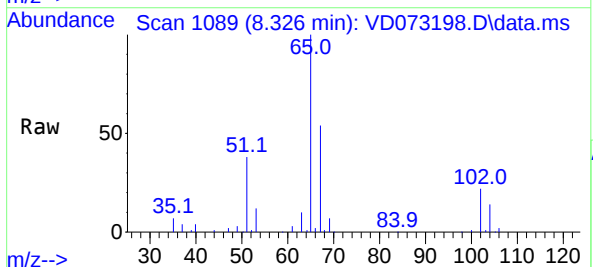


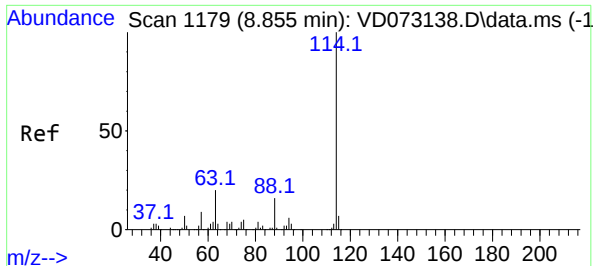
Tgt Ion:168 Resp: 293452
Ion Ratio Lower Upper
168 100
99 60.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 54.482 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Tgt Ion: 65 Resp: 176688
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073198.D

Acq: 20 May 2022 22:16

Instrument :

MSVOA_D

ClientSampleId :

RATZER-RD-SP-1-4

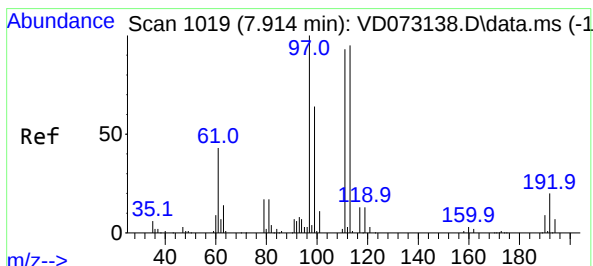
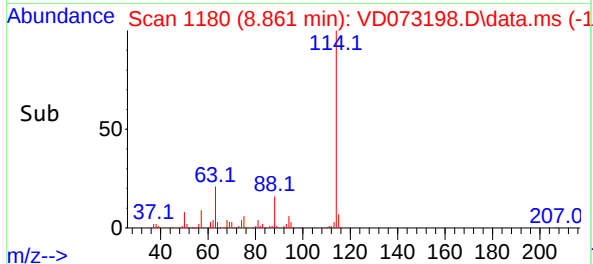
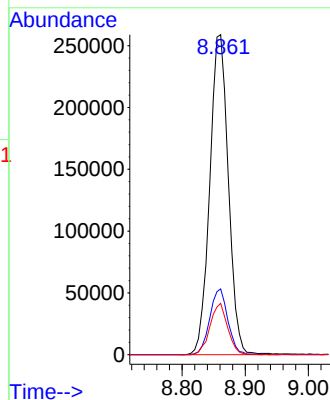
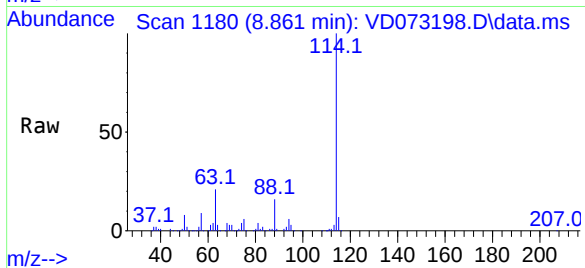
Tgt Ion:114 Resp: 529955

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.431 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073198.D

Acq: 20 May 2022 22:16

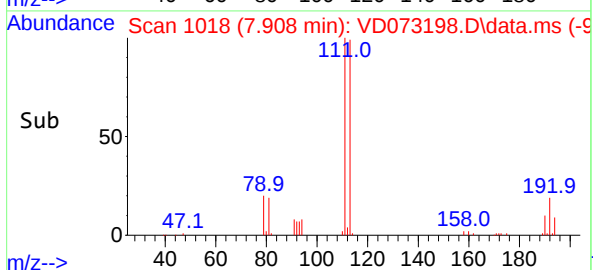
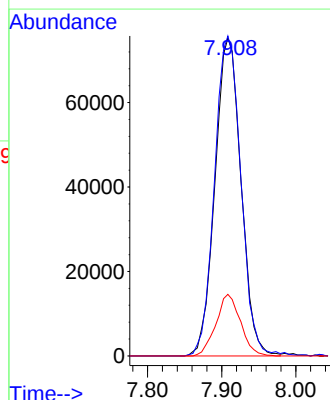
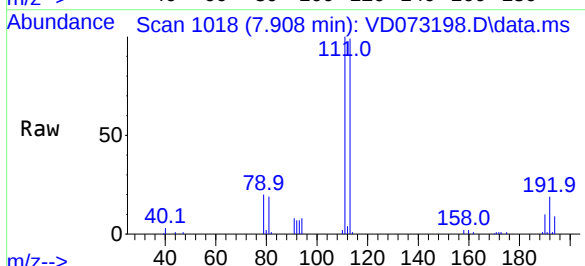
Tgt Ion:113 Resp: 183351

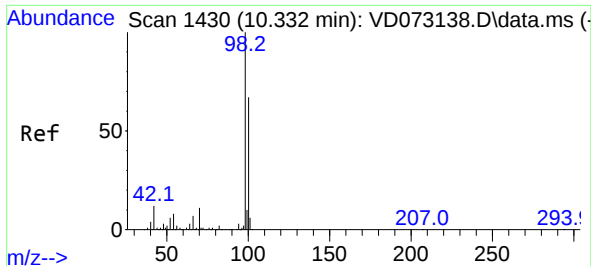
Ion Ratio Lower Upper

113 100

111 102.2 83.8 125.6

192 18.3 14.6 21.8

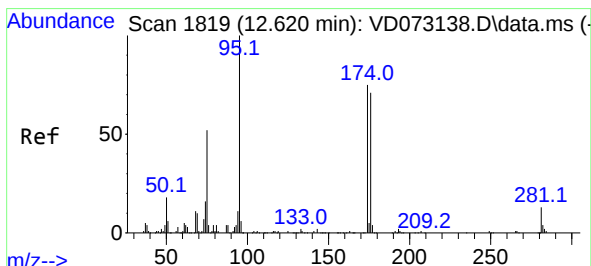
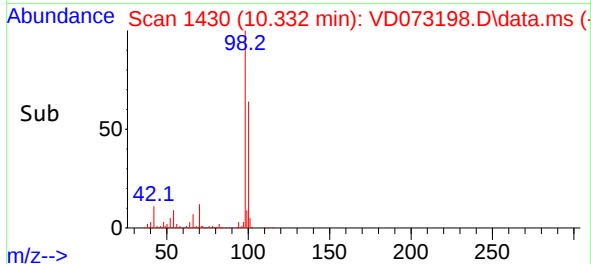
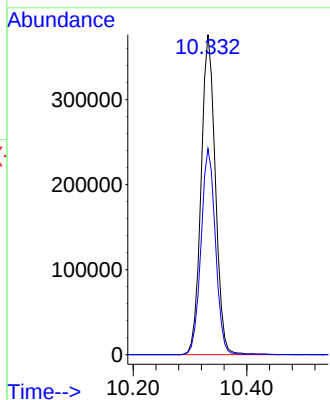
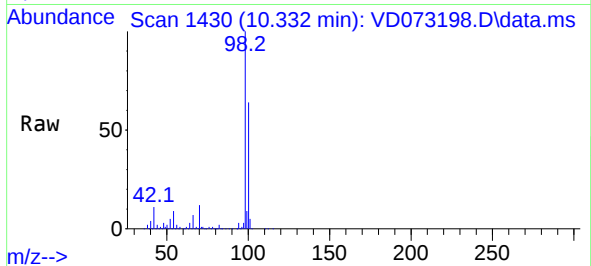




#50
Toluene-d8
Concen: 50.810 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

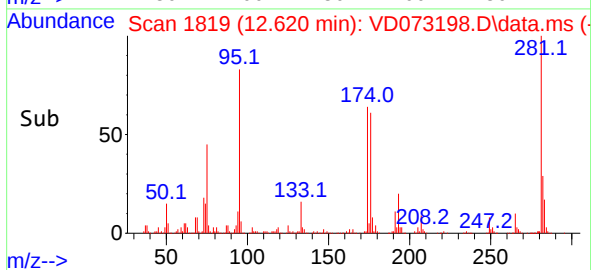
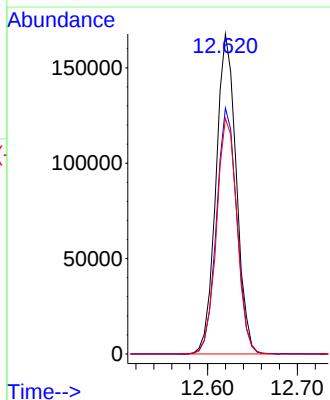
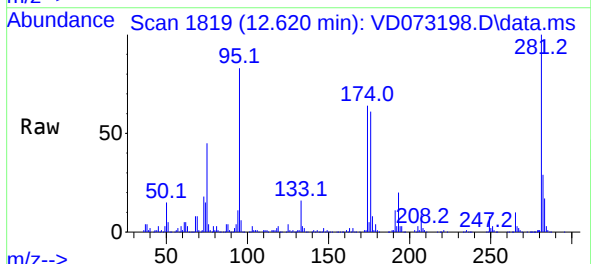
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RATZER-RD-SP-1-4

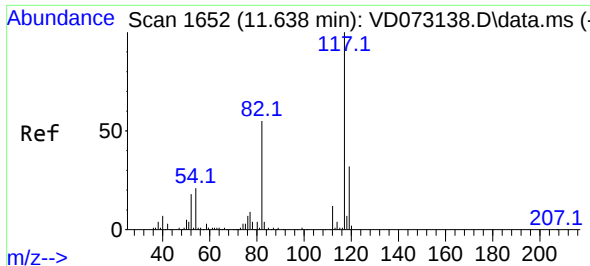
Tgt Ion: 98 Resp: 654983
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 58.216 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

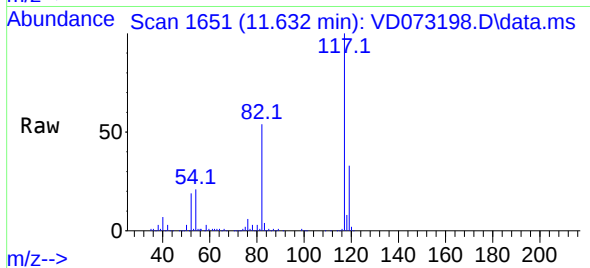
Tgt Ion: 95 Resp: 263365
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 74.2 0.0 145.4



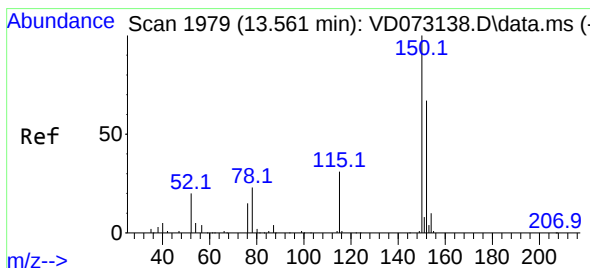
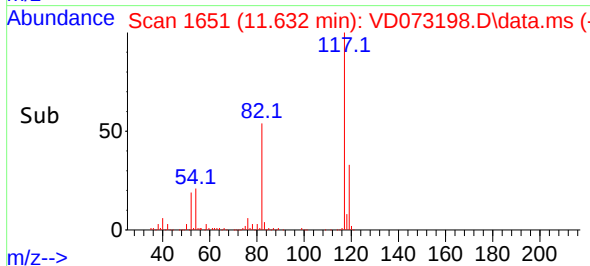
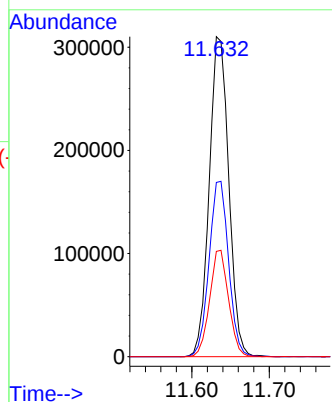


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Instrument :
MSVOA_D
ClientSampleId :
RATZER-RD-SP-1-4



Tgt Ion:117 Resp: 543436
Ion Ratio Lower Upper
117 100
82 54.5 45.3 67.9
119 32.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Tgt Ion:152 Resp: 245181
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 158.1 0.0 348.6

