

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073197.D
 Acq On : 20 May 2022 21:47
 Operator : VA/SY
 Sample : N2942-04
 Misc : 5.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RATZER-RD-SP-1-3

Quant Time: May 21 00:17:34 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	206616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	368499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	401932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	185314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	147325	64.520	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.040%	
35) Dibromofluoromethane	7.908	113	136308	56.057	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.120%	
50) Toluene-d8	10.332	98	471595	52.613	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.220%	
62) 4-Bromofluorobenzene	12.620	95	187132	59.489	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.980%	

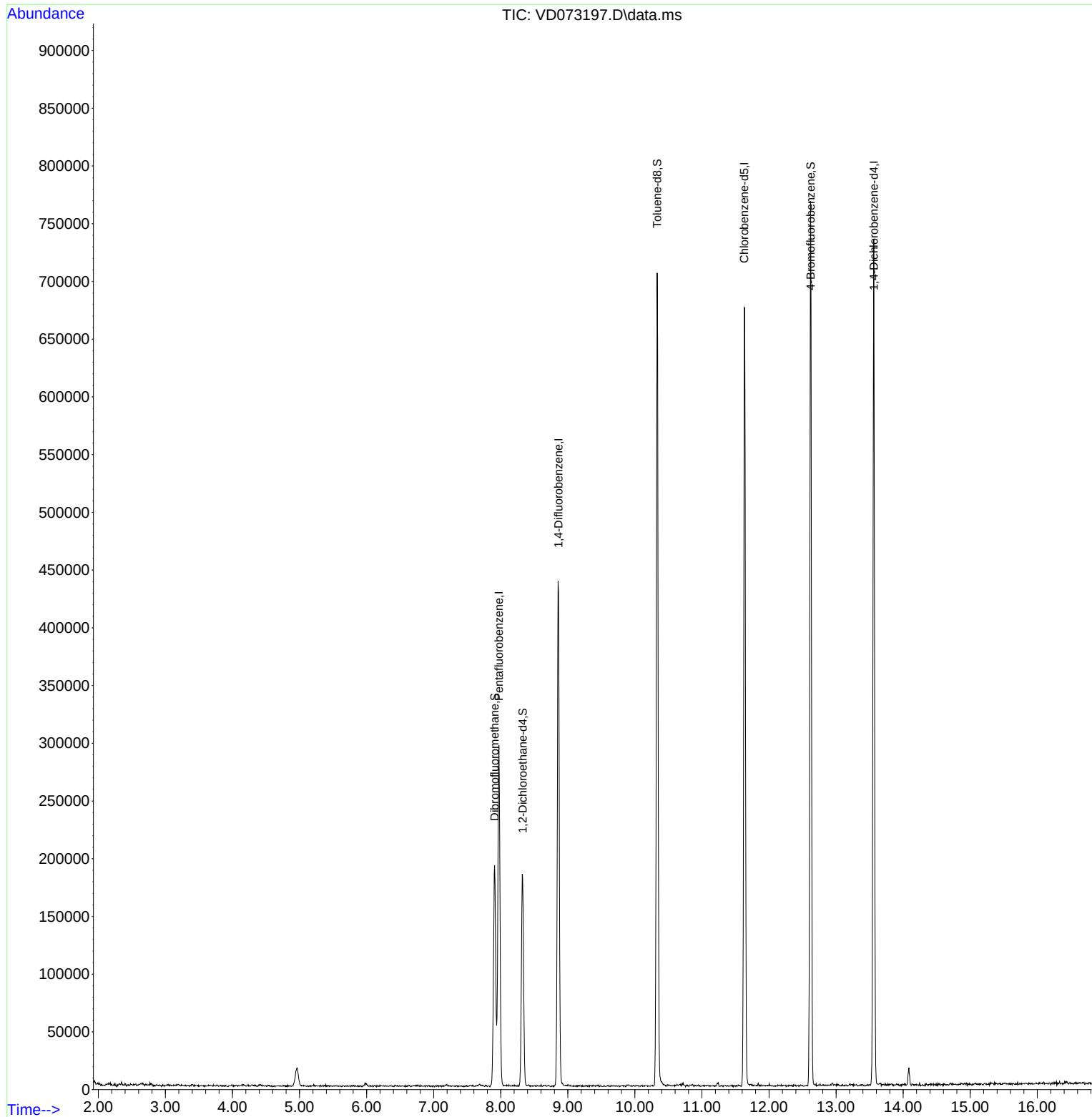
Target Compounds	Qvalue

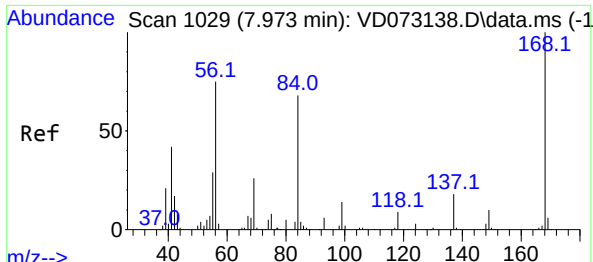
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

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Instrument :

MSVOA_D

ClientSampleId :

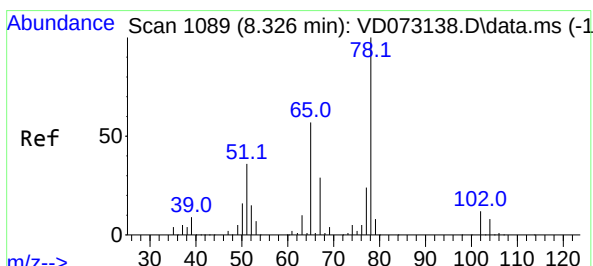
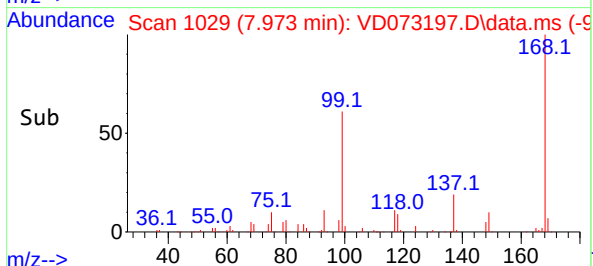
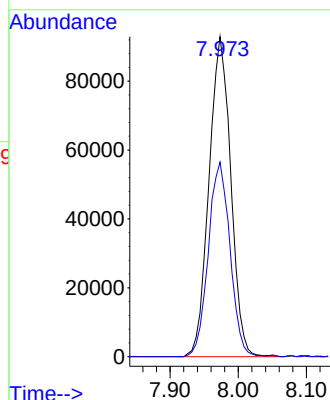
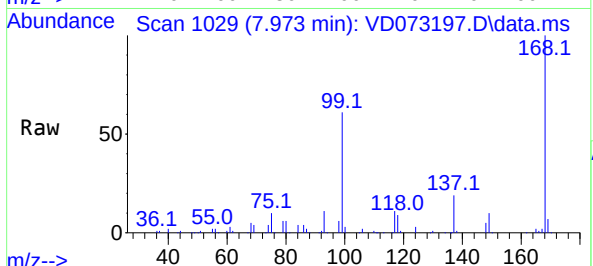
RATZER-RD-SP-1-3

Tgt Ion:168 Resp: 206616

Ion Ratio Lower Upper

168 100

99 60.8 49.8 74.6



1,2-Dichloroethane-d4

Concen: 64.520 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073197.D

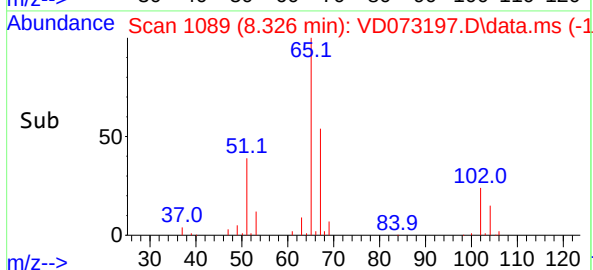
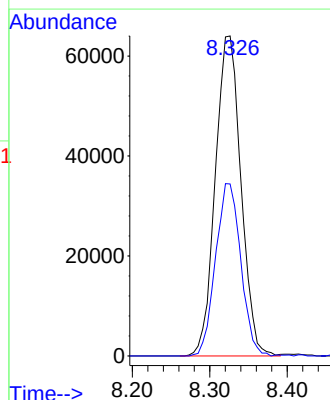
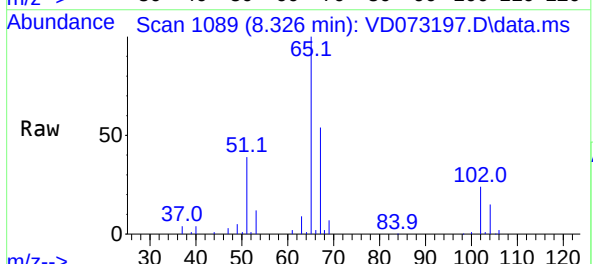
Acq: 20 May 2022 21:47

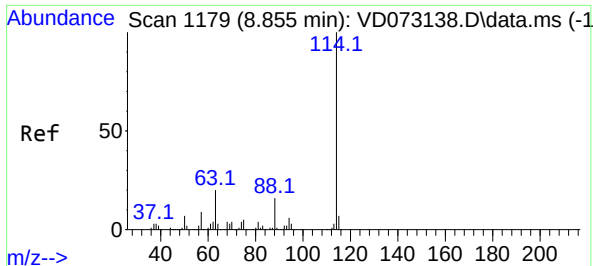
Tgt Ion: 65 Resp: 147325

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4

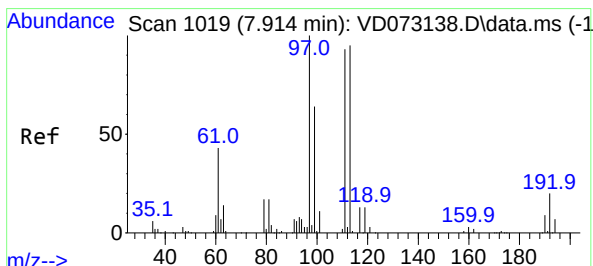
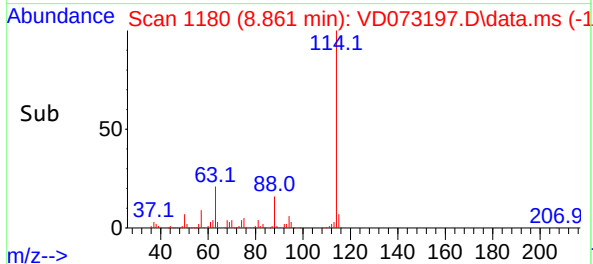
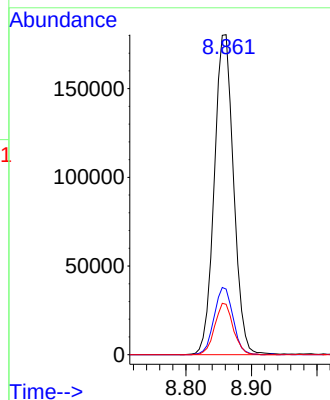
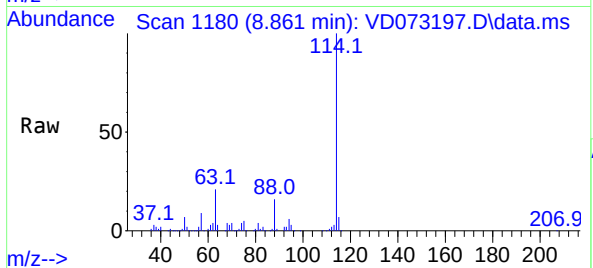




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073197.D
Acq: 20 May 2022 21:47

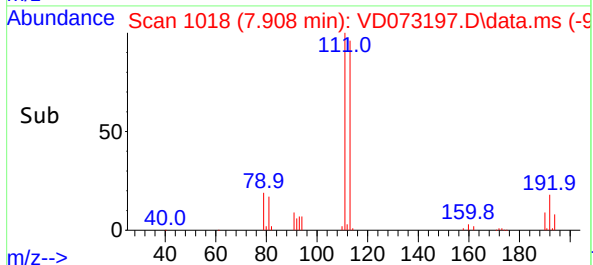
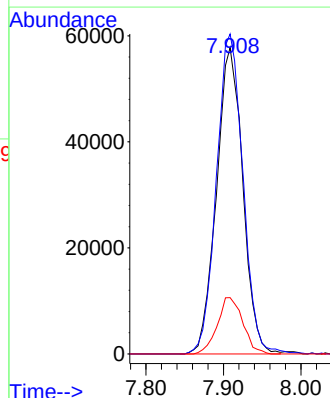
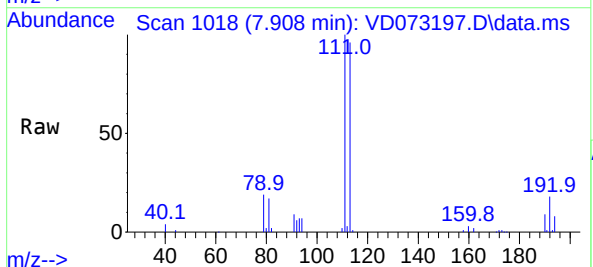
Instrument :
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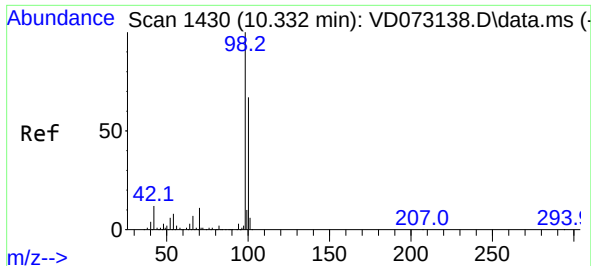
Tgt Ion:114 Resp: 368499
Ion Ratio Lower Upper
114 100
63 20.5 0.0 46.6
88 15.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 56.057 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073197.D
Acq: 20 May 2022 21:47

Tgt Ion:113 Resp: 136308
Ion Ratio Lower Upper
113 100
111 105.2 83.8 125.6
192 17.8 14.6 21.8

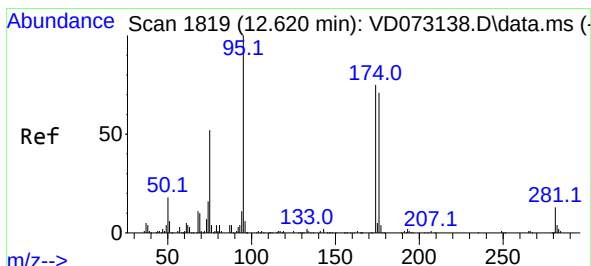
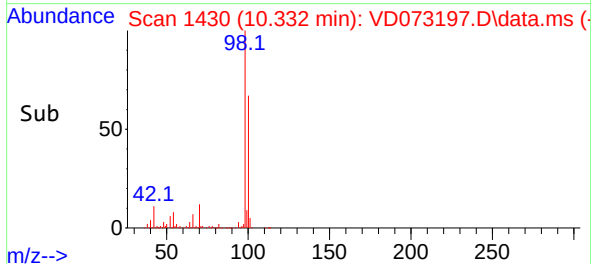
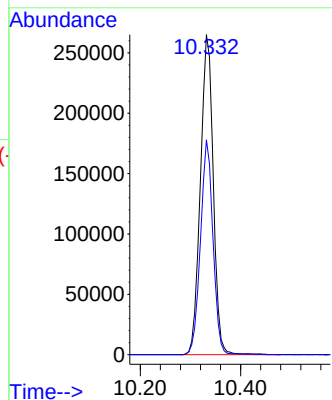
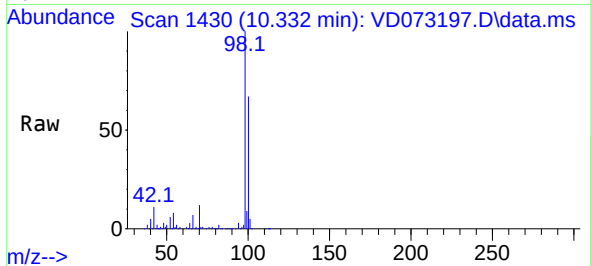




#50
Toluene-d8
Concen: 52.613 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073197.D
Acq: 20 May 2022 21:47

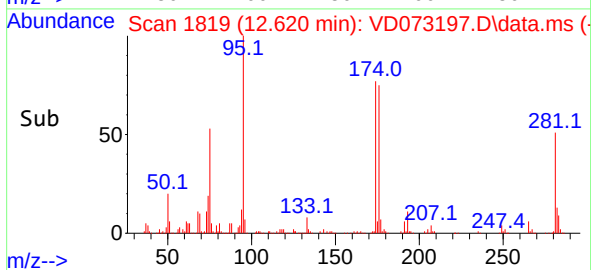
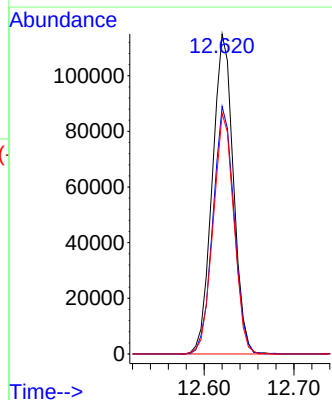
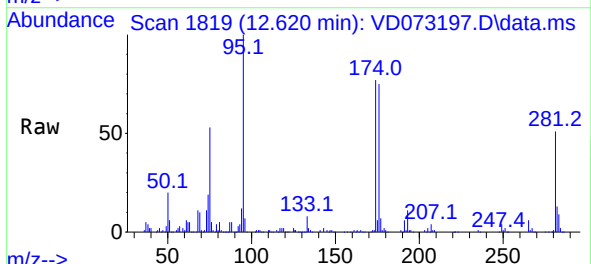
Instrument :
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ClientSampleId :
RATZER-RD-SP-1-3

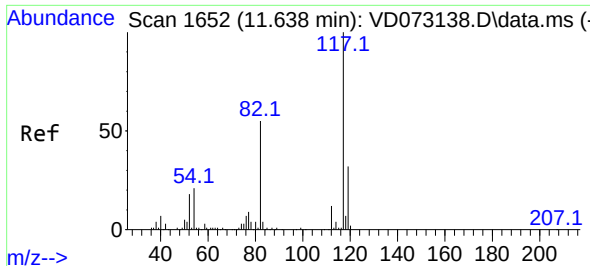
Tgt Ion: 98 Resp: 471595
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 59.489 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073197.D
Acq: 20 May 2022 21:47

Tgt Ion: 95 Resp: 187132
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 74.0 0.0 145.4

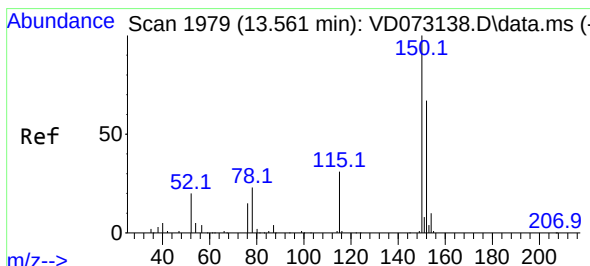
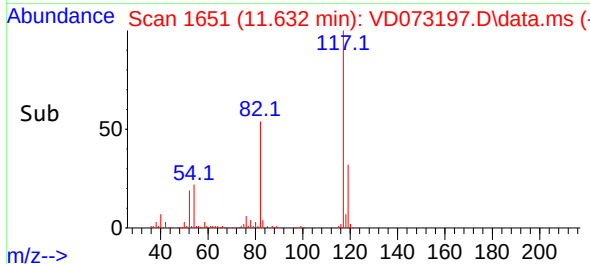
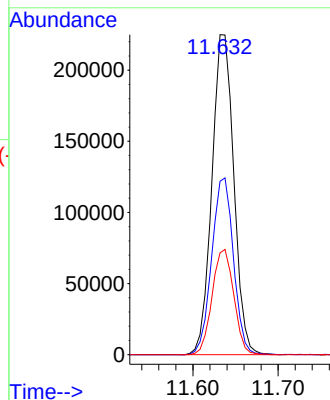
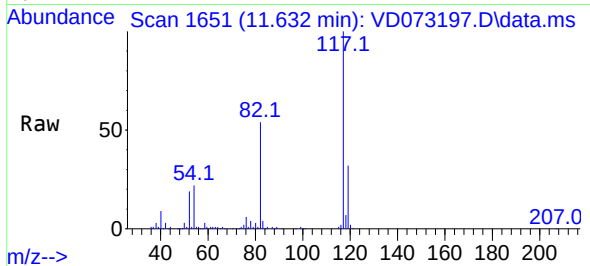




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073197.D
Acq: 20 May 2022 21:47

Instrument :
MSVOA_D
ClientSampleId :
RATZER-RD-SP-1-3

Tgt Ion:117 Resp: 401932
Ion Ratio Lower Upper
117 100
82 54.2 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. 0.000 min
Lab File: VD073197.D
Acq: 20 May 2022 21:47

Tgt Ion:152 Resp: 185314
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 158.6 0.0 348.6

