

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074224.D
 Acq On : 24 Aug 2022 15:36
 Operator : VA/SY
 Sample : N4272-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC-124042

Quant Time: Aug 24 16:35:23 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)

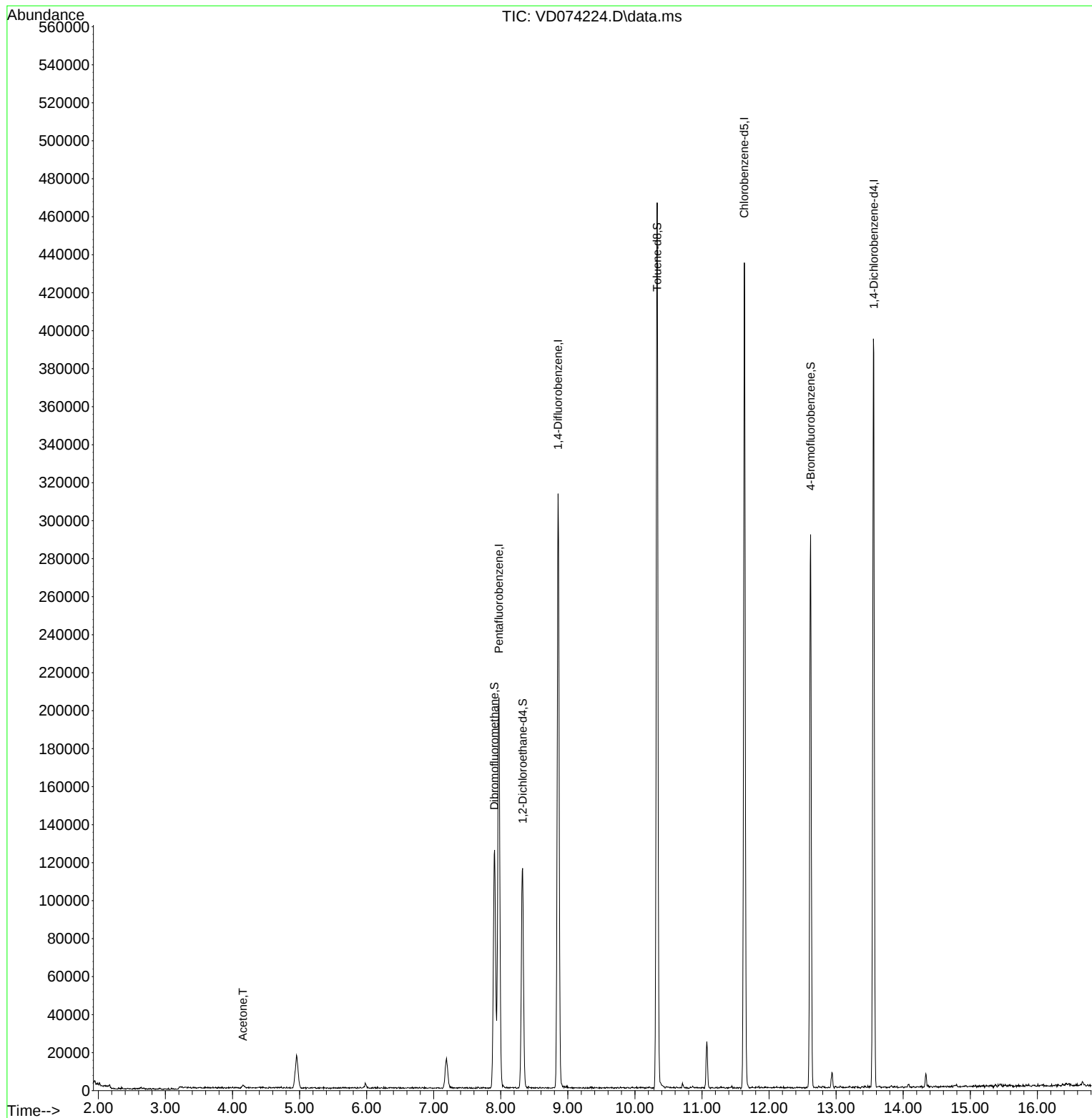
Internal Standards						
1) Pentafluorobenzene	7.973	168	149585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	261186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	245754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	106315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	95128	62.235	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.460%	
35) Dibromofluoromethane	7.903	113	91433	52.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.680%	
50) Toluene-d8	10.332	98	304964	54.238	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.480%	
62) 4-Bromofluorobenzene	12.620	95	97549	43.916	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.840%	
Target Compounds						
16) Acetone	4.156	43	3077	10.566	ug/l	Qvalue # 81

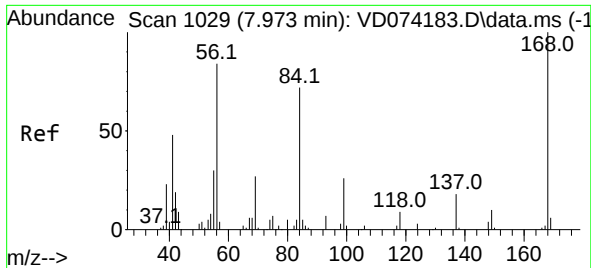
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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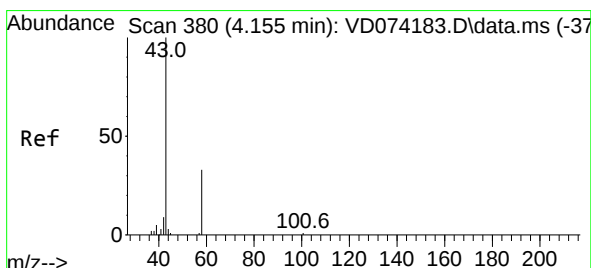
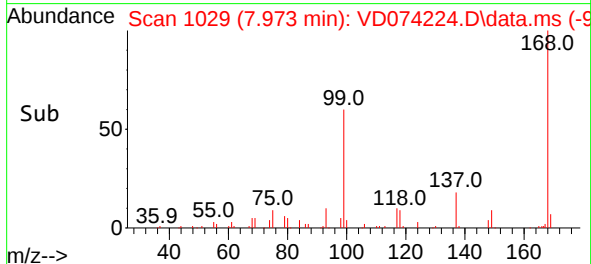
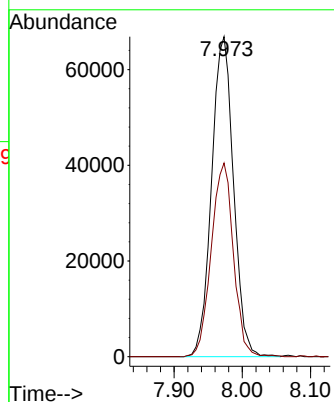
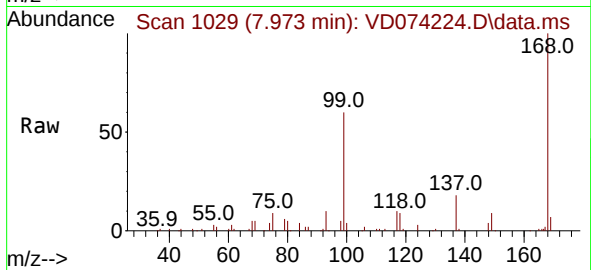




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074224.D
Acq: 24 Aug 2022 15:36

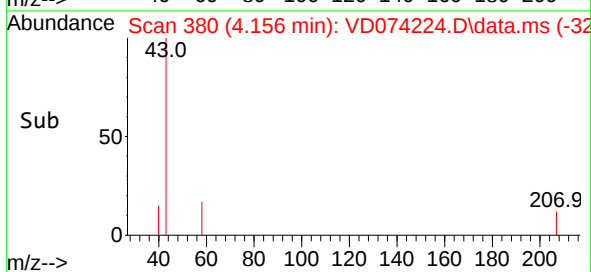
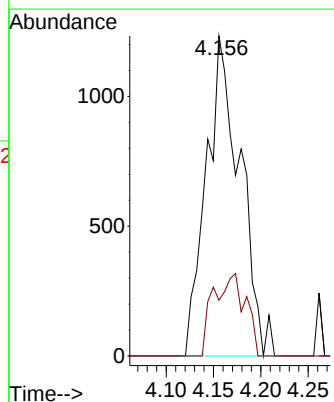
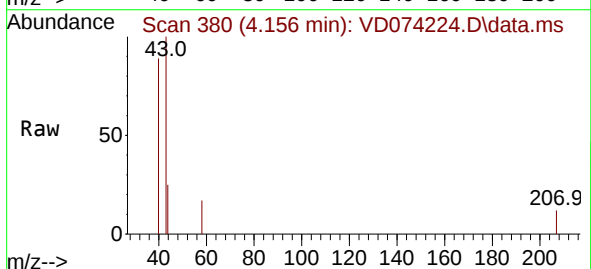
Instrument :
MSVOA_D
ClientSampleId :
PSC-124042

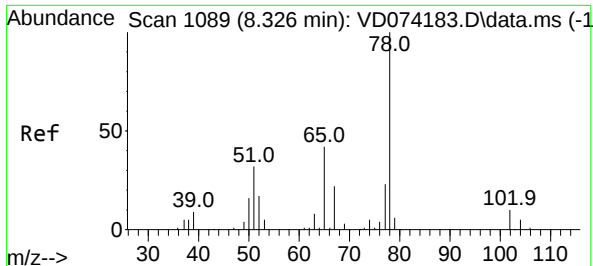
Tgt Ion:168 Resp: 149585
Ion Ratio Lower Upper
168 100
99 60.5 49.8 74.6



#16
Acetone
Concen: 10.566 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD074224.D
Acq: 24 Aug 2022 15:36

Tgt Ion: 43 Resp: 3077
Ion Ratio Lower Upper
43 100
58 17.4 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 62.235 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD074224.D

Acq: 24 Aug 2022 15:36

Instrument :

MSVOA_D

ClientSampleId :

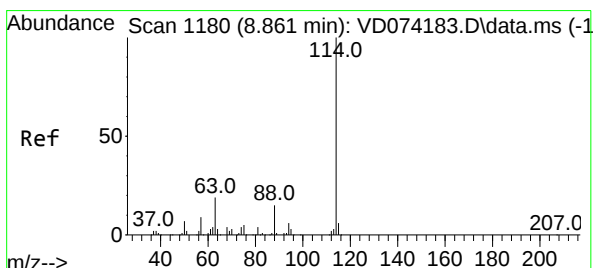
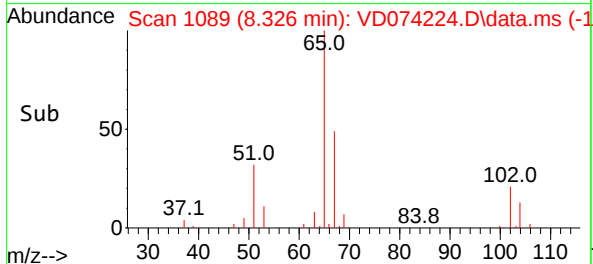
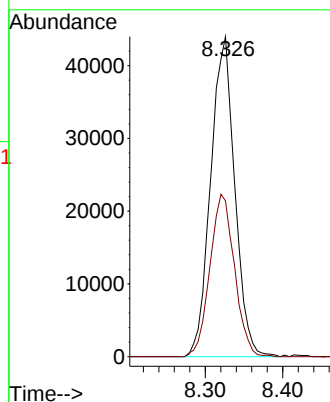
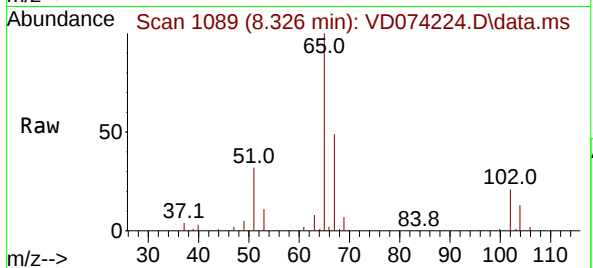
PSC-124042

Tgt Ion: 65 Resp: 95128

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074224.D

Acq: 24 Aug 2022 15:36

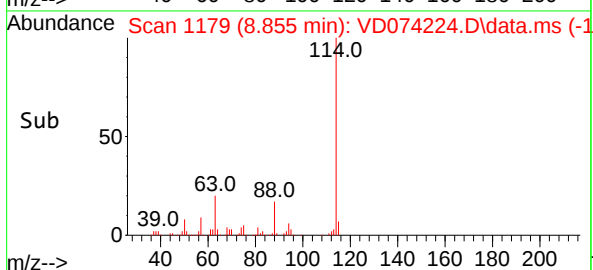
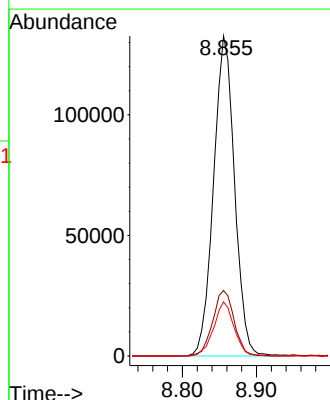
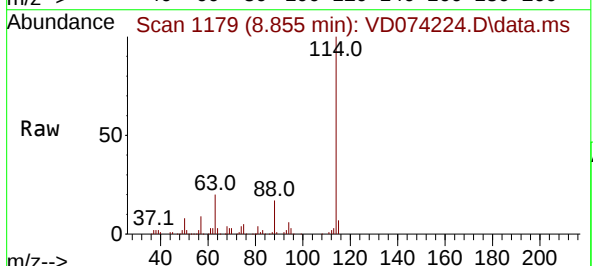
Tgt Ion: 114 Resp: 261186

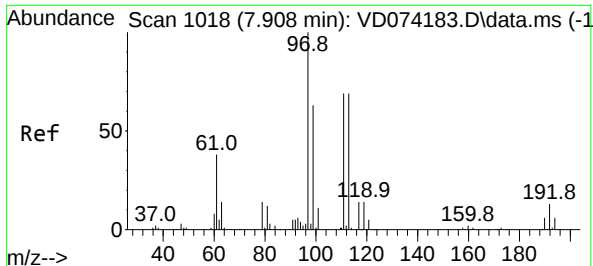
Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 16.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.336 ug/l

RT: 7.903 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD074224.D

Acq: 24 Aug 2022 15:36

Instrument :

MSVOA_D

ClientSampleId :

PSC-124042

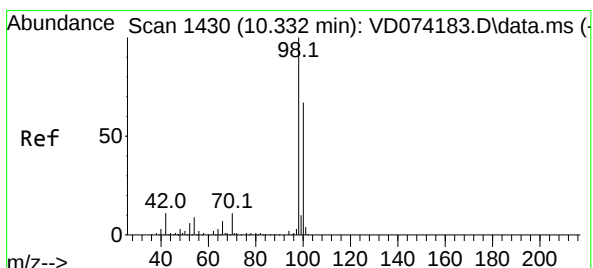
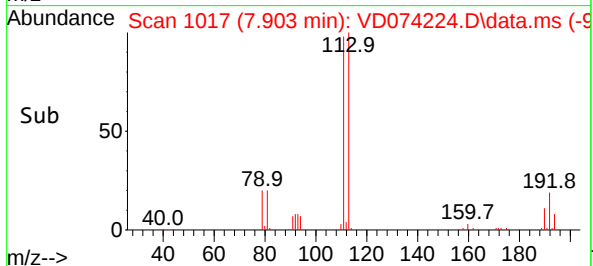
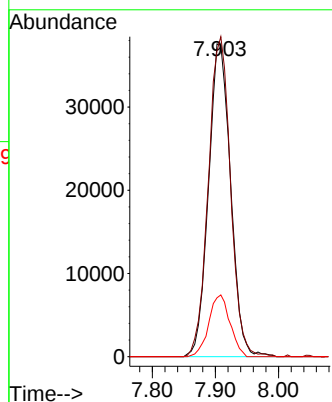
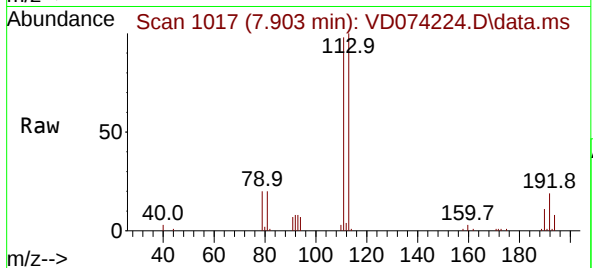
Tgt Ion:113 Resp: 91433

Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 18.9 14.6 21.8



#50

Toluene-d8

Concen: 54.238 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074224.D

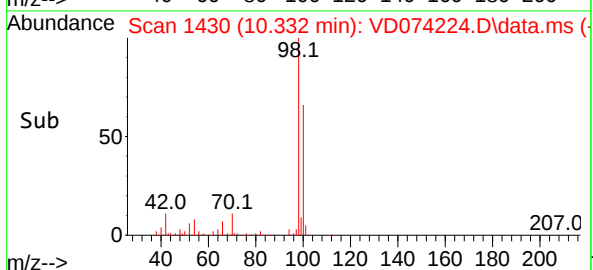
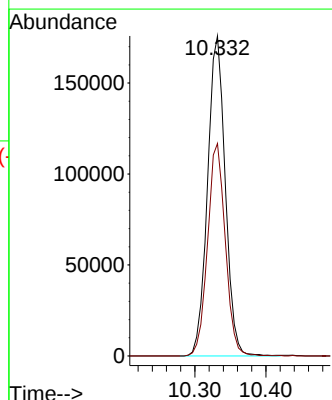
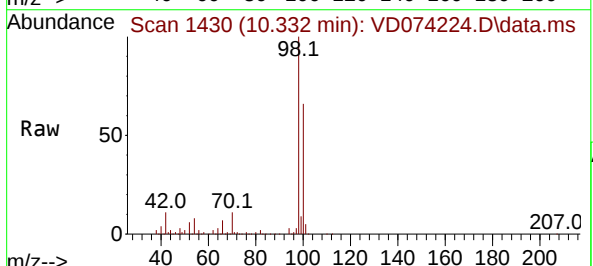
Acq: 24 Aug 2022 15:36

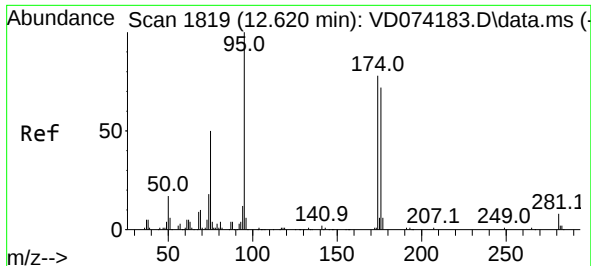
Tgt Ion: 98 Resp: 304964

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6

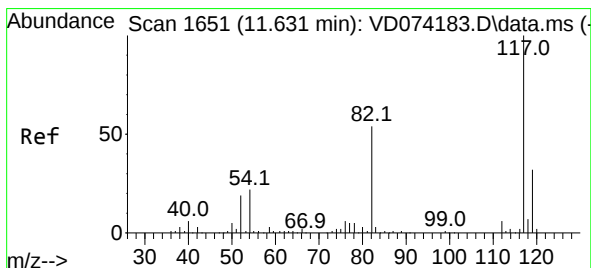
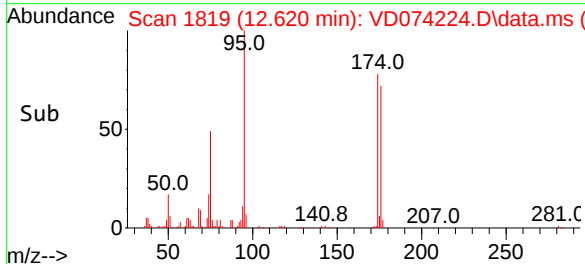
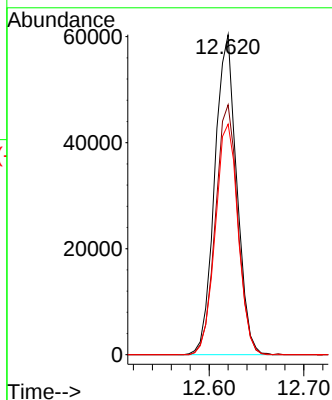
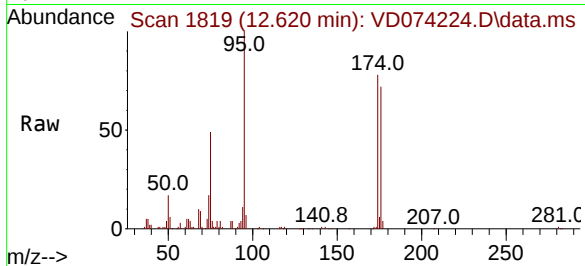




#62
4-Bromofluorobenzene
Concen: 43.916 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074224.D
Acq: 24 Aug 2022 15:36

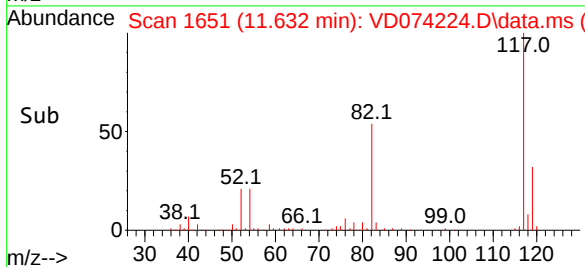
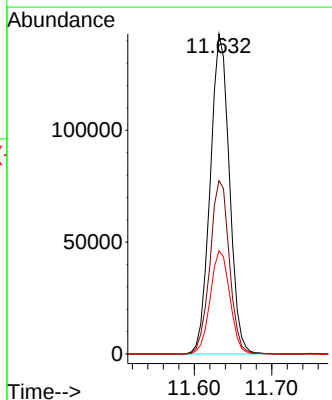
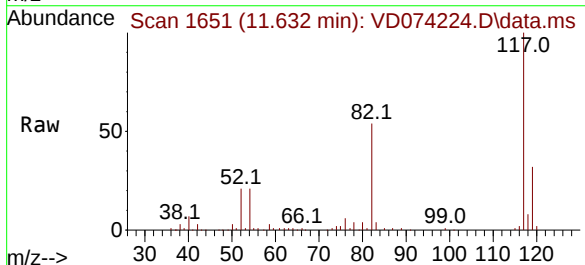
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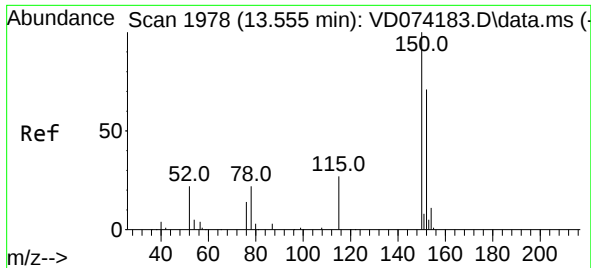
Tgt Ion: 95 Resp: 97549
Ion Ratio Lower Upper
95 100
174 79.5 0.0 152.8
176 74.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.001 min
Lab File: VD074224.D
Acq: 24 Aug 2022 15:36

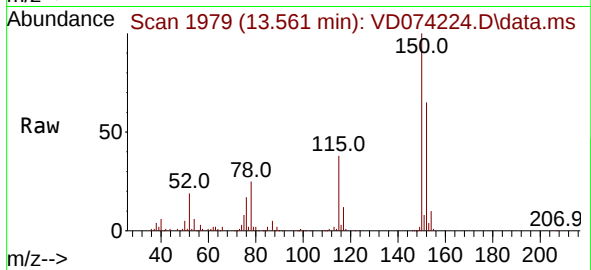
Tgt Ion: 117 Resp: 245754
Ion Ratio Lower Upper
117 100
82 54.2 45.3 67.9
119 32.2 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD074224.D
 Acq: 24 Aug 2022 15:36

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC-124042



Tgt Ion:152 Resp: 106315
 Ion Ratio Lower Upper
 152 100
 115 60.1 31.3 93.8
 150 160.0 0.0 348.6

