

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081222\
 Data File : VD074074.D
 Acq On : 12 Aug 2022 20:41
 Operator : VA/SY
 Sample : N4136-03
 Misc : 10.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-5

Quant Time: Aug 12 23:49:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

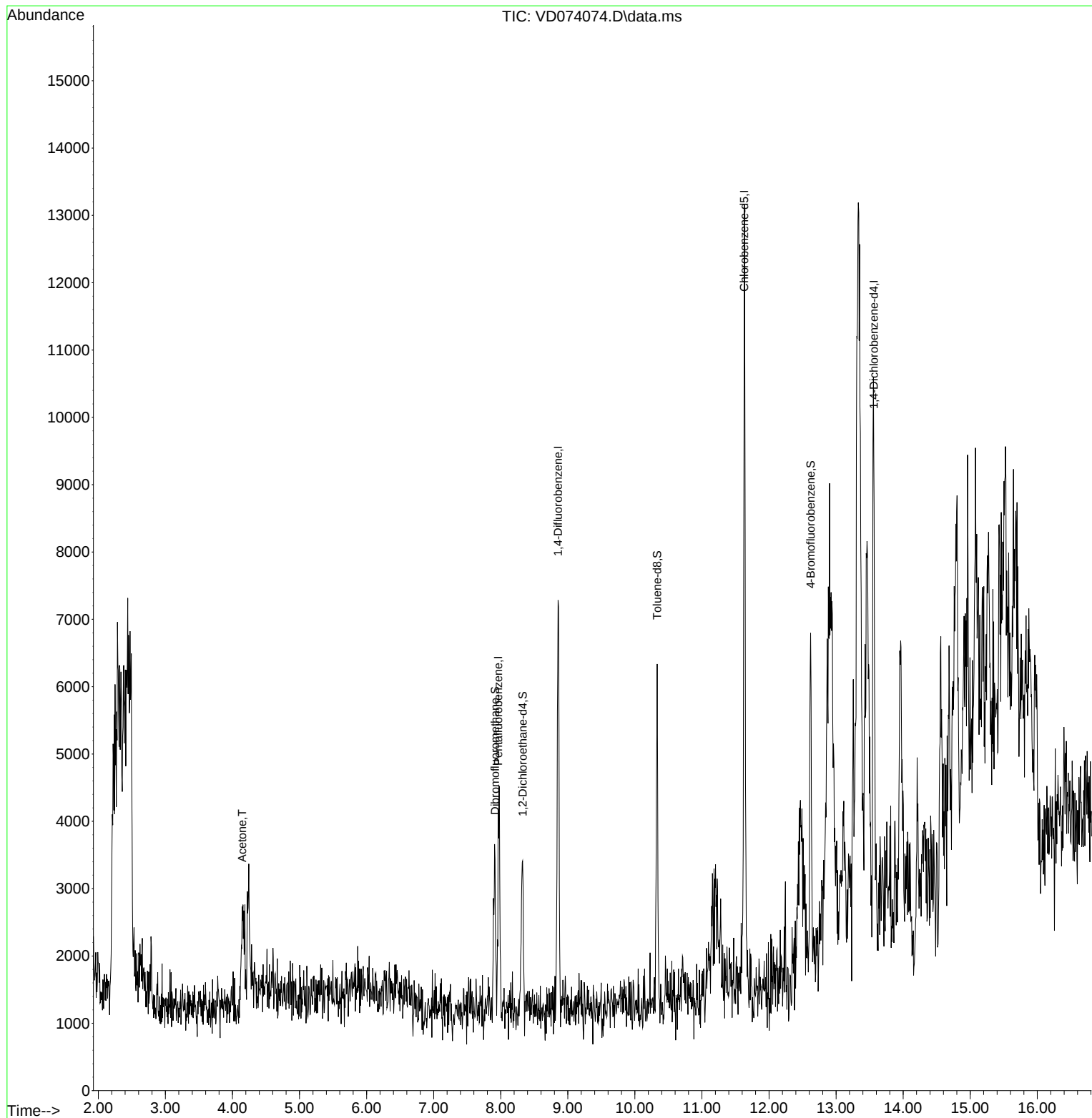
Internal Standards						
1) Pentafluorobenzene	7.961	168	3173	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.855	114	5563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	6009	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	2481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	2110	90.283	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	180.560%#
35) Dibromofluoromethane	7.914	113	1773	47.985	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.980%
50) Toluene-d8	10.332	98	3253	31.566	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	63.140%
62) 4-Bromofluorobenzene	12.620	95	2257	49.672	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.340%
Target Compounds						
						Qvalue
16) Acetone	4.144	43	2079	409.492	ug/l	# 88

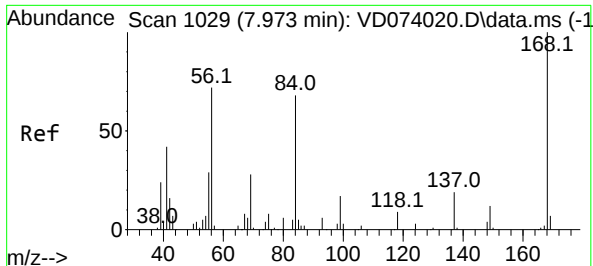
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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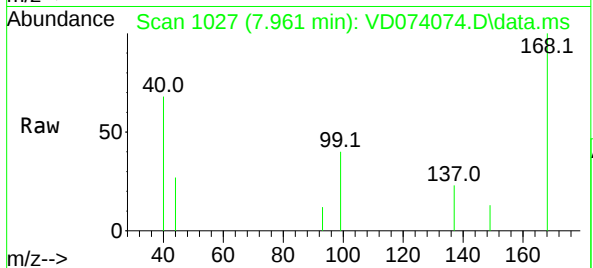
Quant Time: Aug 12 23:49:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
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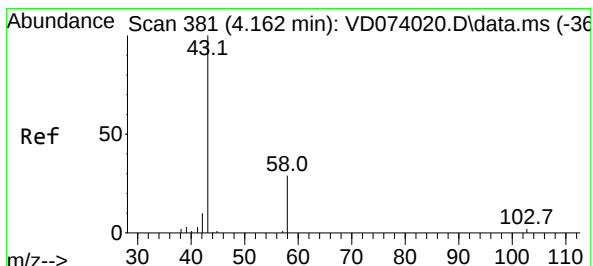
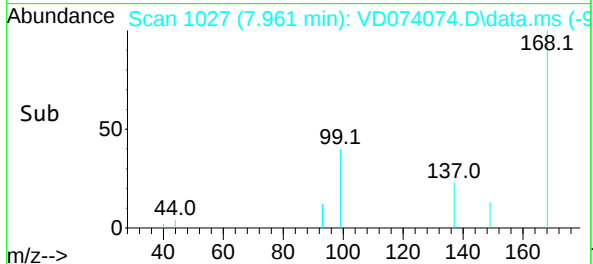
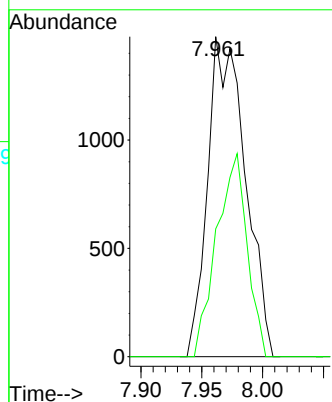


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.012 min
Lab File: VD074074.D
Acq: 12 Aug 2022 20:41

Instrument :
MSVOA_D
ClientSampleId :
WC-5

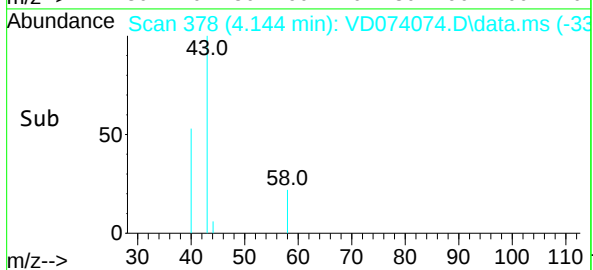
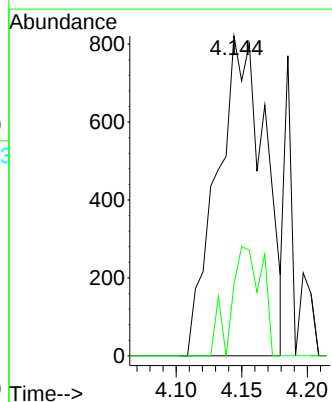
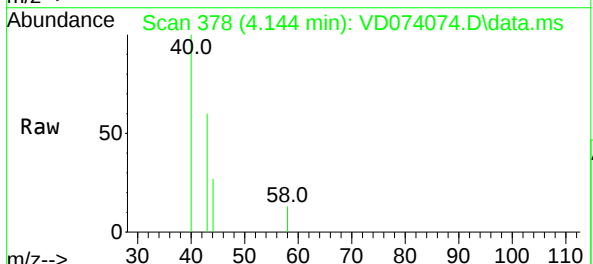


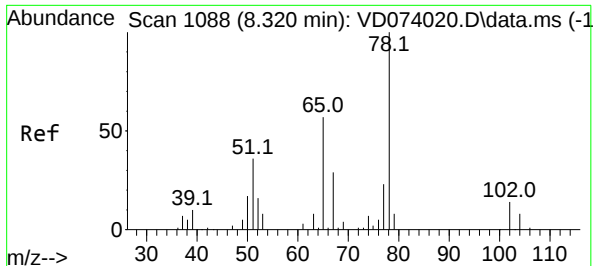
Tgt Ion:168 Resp: 3173
Ion Ratio Lower Upper
168 100
99 39.9 48.3 72.5#



#16
Acetone
Concen: 409.492 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.018 min
Lab File: VD074074.D
Acq: 12 Aug 2022 20:41

Tgt Ion: 43 Resp: 2079
Ion Ratio Lower Upper
43 100
58 22.3 22.8 34.2#





#33

1,2-Dichloroethane-d4

Concen: 90.283 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD074074.D

Acq: 12 Aug 2022 20:41

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MSVOA_D

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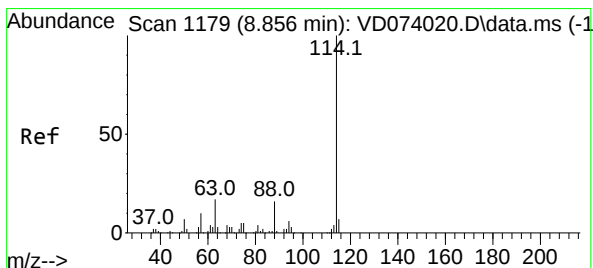
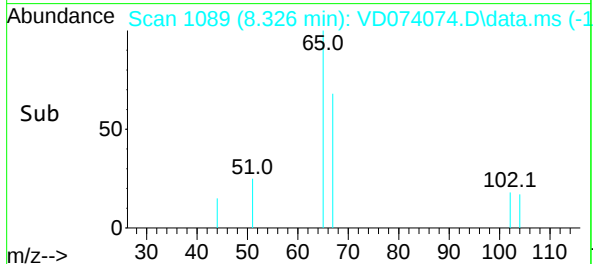
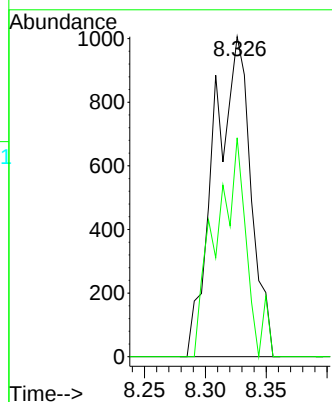
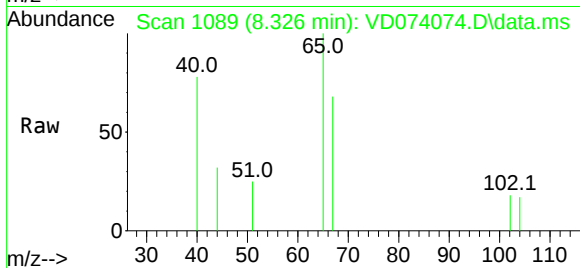
WC-5

Tgt Ion: 65 Resp: 2110

Ion Ratio Lower Upper

65 100

67 57.2 0.0 113.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074074.D

Acq: 12 Aug 2022 20:41

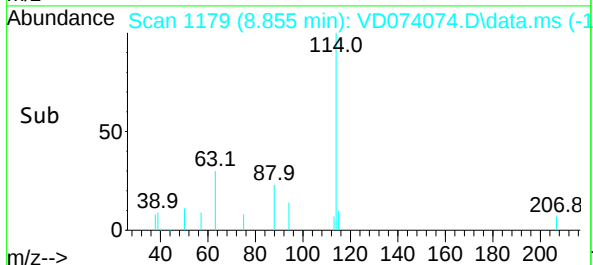
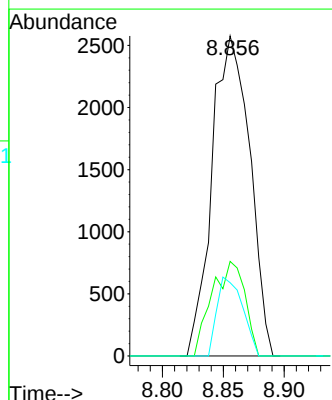
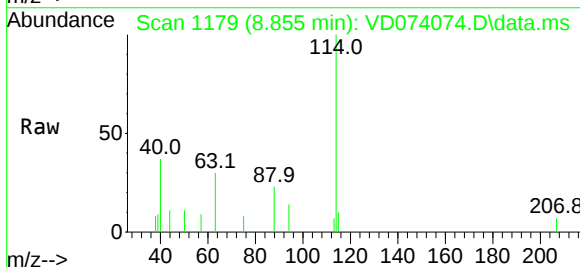
Tgt Ion: 114 Resp: 5563

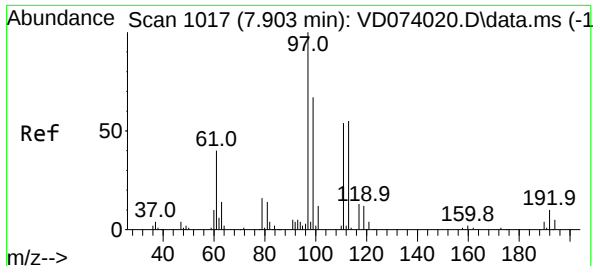
Ion Ratio Lower Upper

114 100

63 29.6 0.0 41.0

88 22.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.985 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.011 min

Lab File: VD074074.D

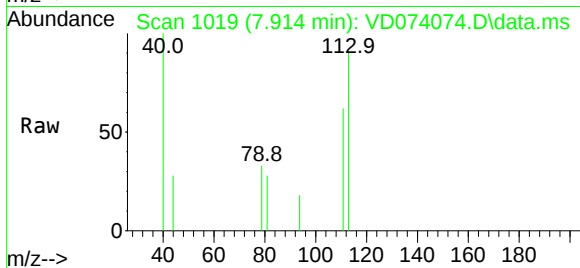
Acq: 12 Aug 2022 20:41

Instrument :

MSVOA_D

ClientSampleId :

WC-5



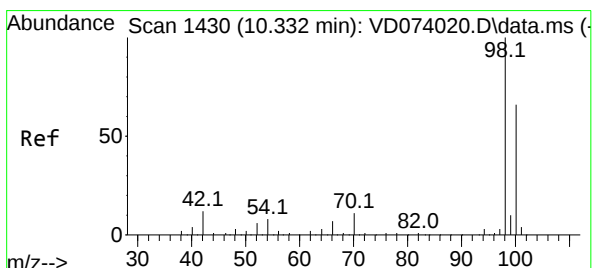
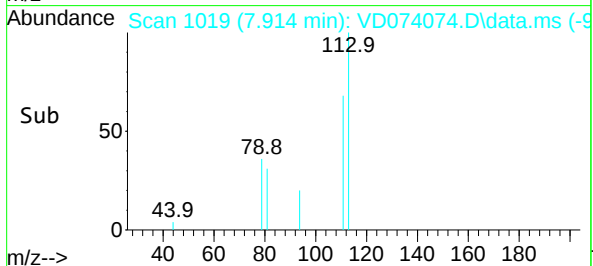
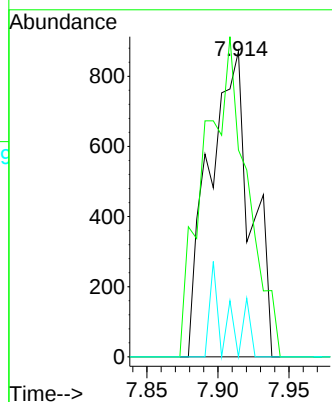
Tgt Ion:113 Resp: 1773

Ion Ratio Lower Upper

113 100

111 108.3 80.0 120.0

192 11.9 14.2 21.4#



#50

Toluene-d8

Concen: 31.566 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074074.D

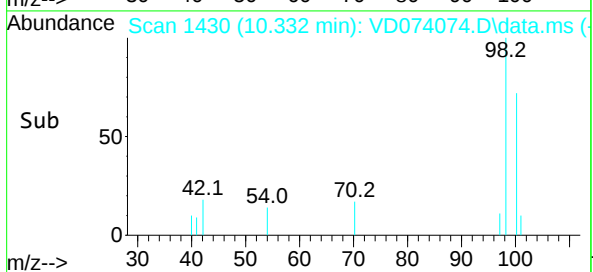
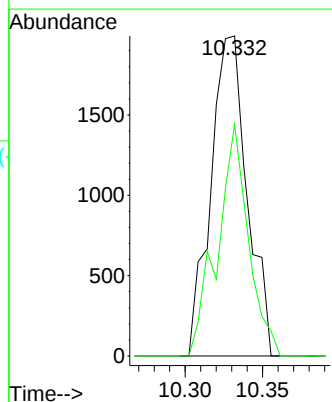
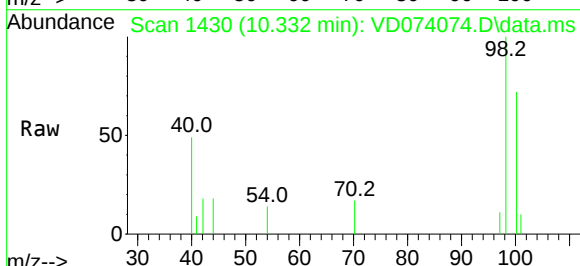
Acq: 12 Aug 2022 20:41

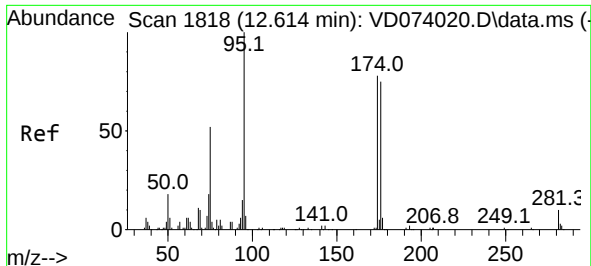
Tgt Ion: 98 Resp: 3253

Ion Ratio Lower Upper

98 100

100 61.8 51.3 76.9

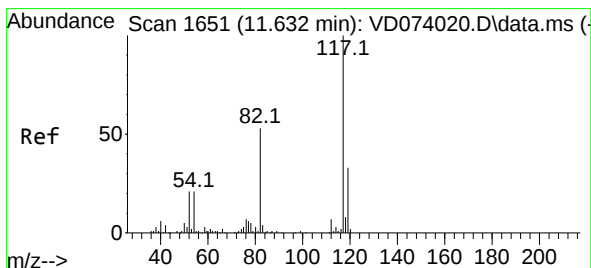
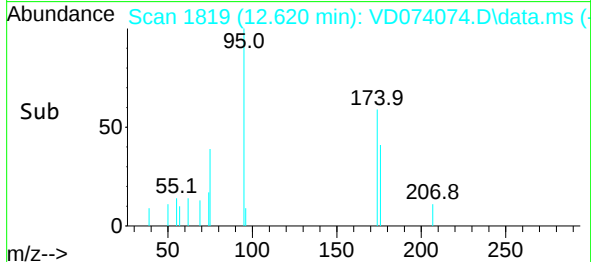
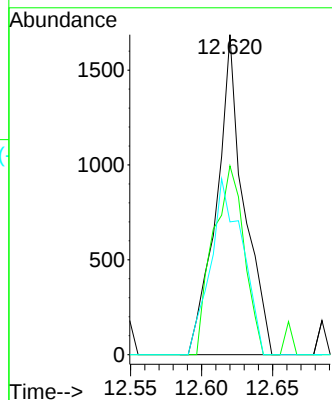
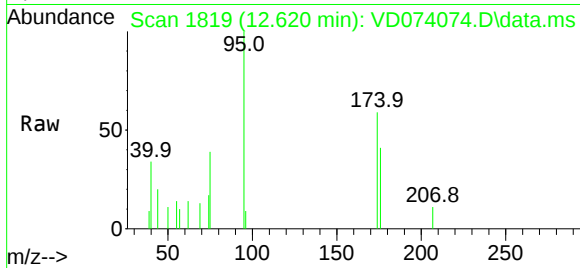




#62
4-Bromofluorobenzene
Concen: 49.672 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074074.D
Acq: 12 Aug 2022 20:41

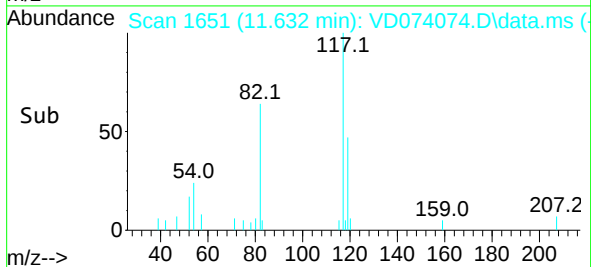
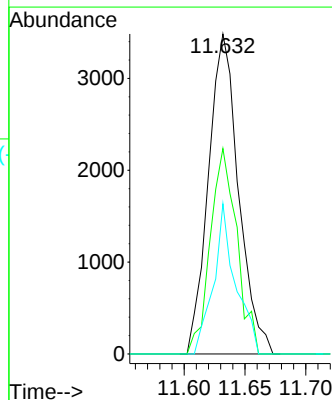
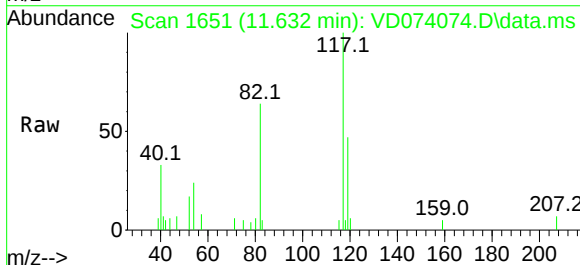
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WC-5

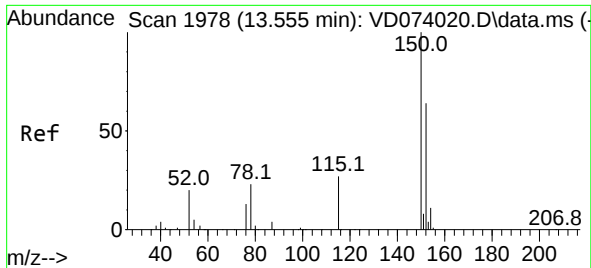
Tgt Ion: 95 Resp: 2257
Ion Ratio Lower Upper
95 100
174 67.0 0.0 162.6
176 64.2 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074074.D
Acq: 12 Aug 2022 20:41

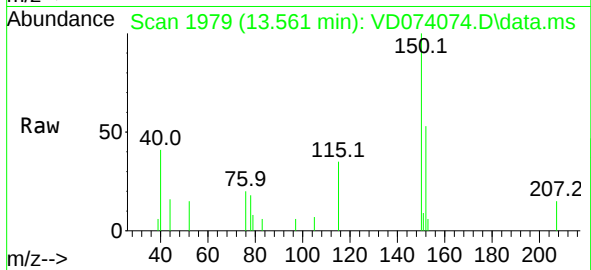
Tgt Ion: 117 Resp: 6009
Ion Ratio Lower Upper
117 100
82 64.2 42.7 64.1#
119 47.0 25.8 38.8#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD074074.D
 Acq: 12 Aug 2022 20:41

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-5



Tgt Ion:	152	Resp:	2481
Ion	Ratio	Lower	Upper
152	100		
115	78.6	29.9	89.8
150	146.5	0.0	342.8

