

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
 Data File : VN074364.D
 Acq On : 08 Sep 2022 17:52
 Operator : JC\MD
 Sample : N4437-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-(17)

Quant Time: Sep 09 05:38:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 09 05:24:20 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/09/2022
 Supervised By : Mahesh Dadoda 09/09/2022

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

Internal Standards						
1) Bromochloromethane	7.587	128	56363	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	331569	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	281245	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	185175	31.999	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	106.667%		
60) 4-Bromofluorobenzene	12.674	95	142881	25.404	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	84.667%		
63) Toluene-d8	10.380	98	489162	30.965	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	103.233%		
Target Compounds						Qvalue
15) Acetone	4.228	58	3825m	4.562	ug/l	
25) Chloroform	7.739	83	11513	1.291	ug/l	86

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

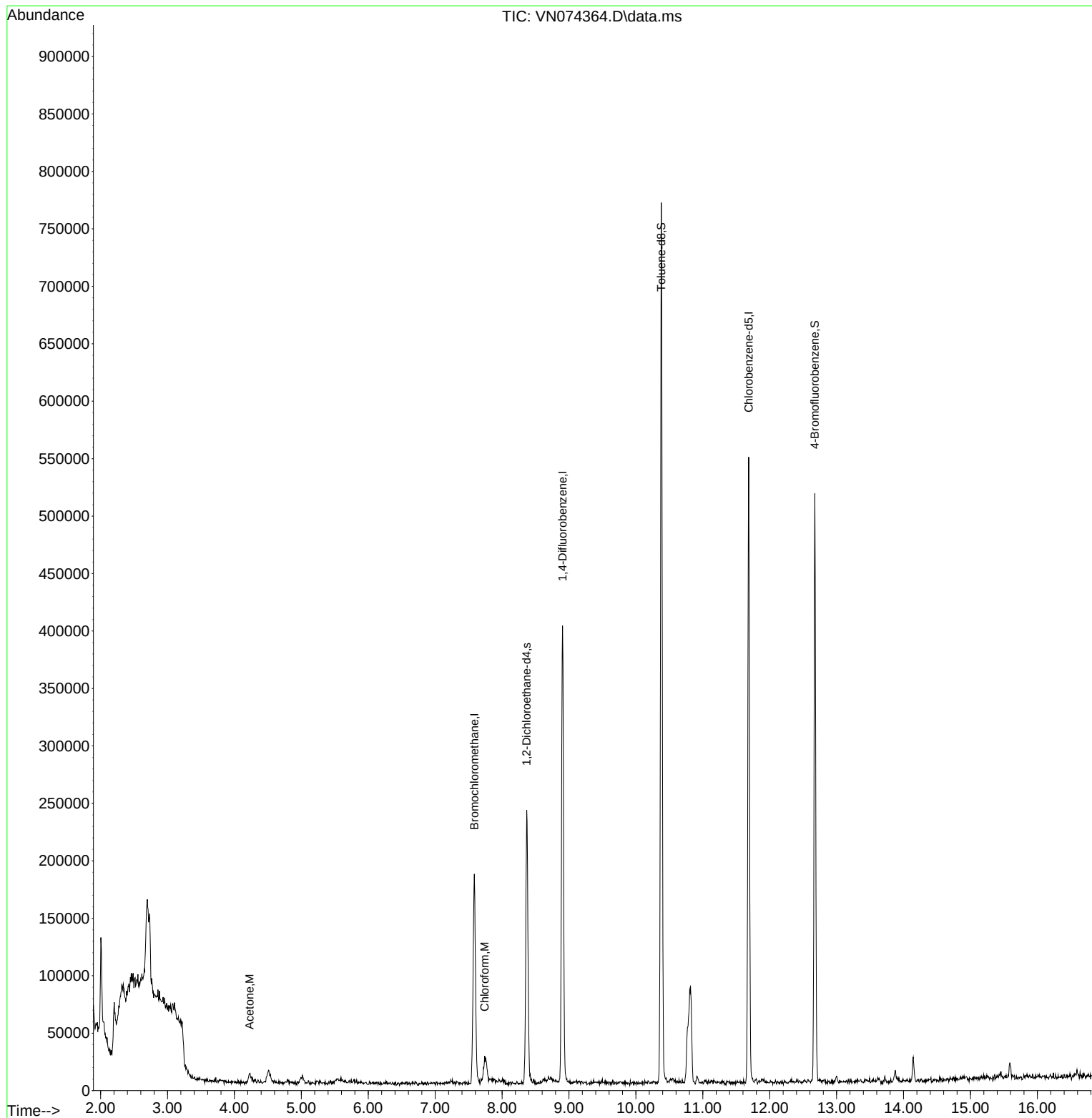
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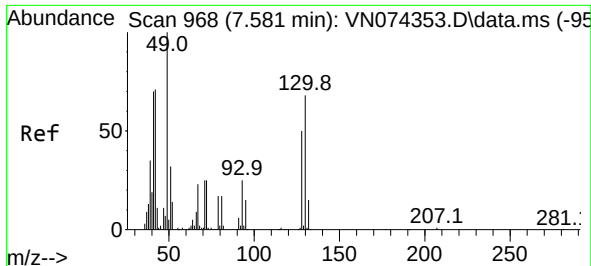
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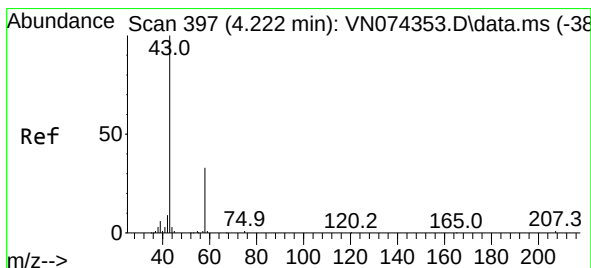
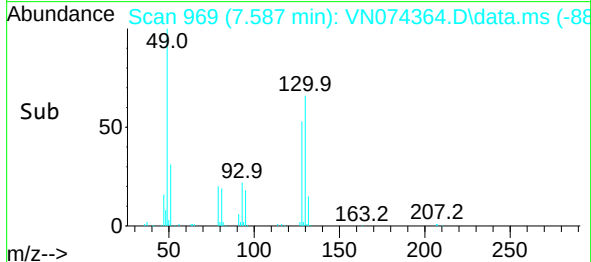
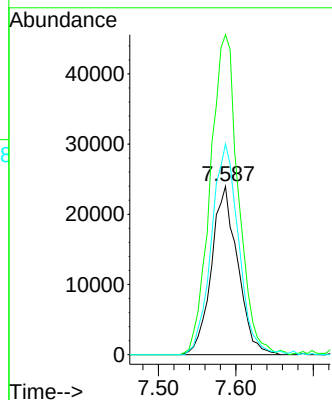
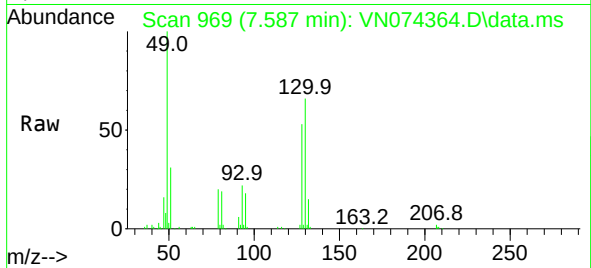
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

Instrument :
MSVOA_N
ClientSampleId :
MW-2-(17)

Tgt Ion:128 Resp: 5636
Ion Ratio Lower Upper
128 100
49 203.1 0.0 392.3
130 129.8 0.0 320.2

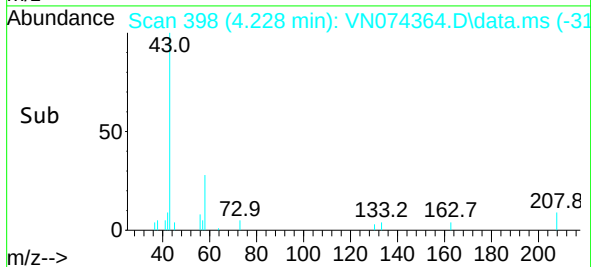
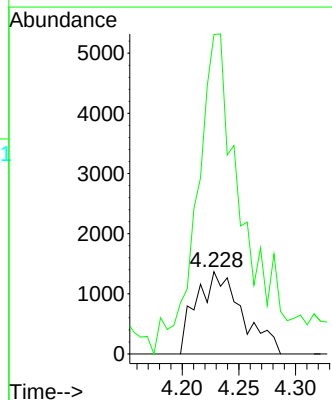
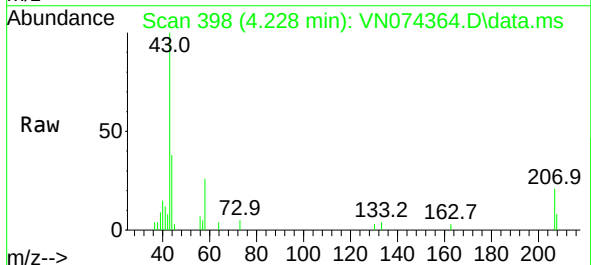
Manual Integrations
APPROVED

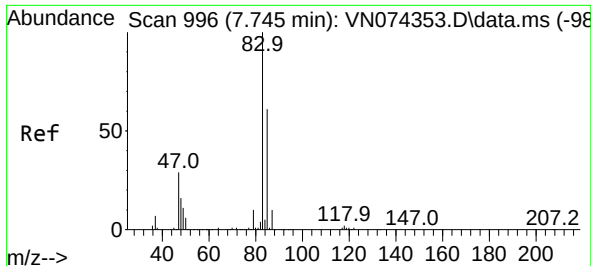
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#15
Acetone
Concen: 4.562 ug/l m
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

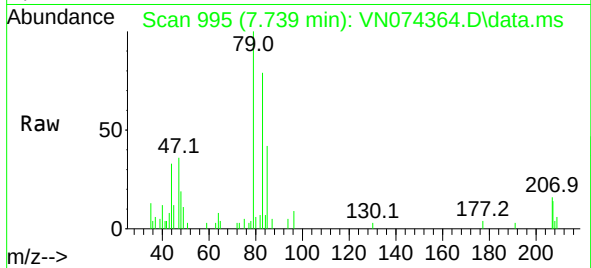
Tgt Ion: 58 Resp: 3825
Ion Ratio Lower Upper
58 100
43 388.5 256.6 384.8#





#25
Chloroform
Concen: 1.291 ug/l
RT: 7.739 min Scan# 995
Delta R.T. -0.006 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

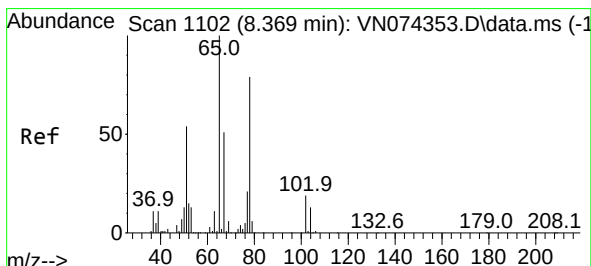
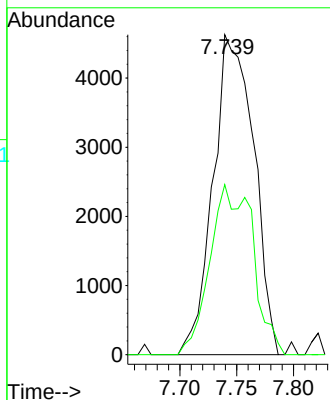
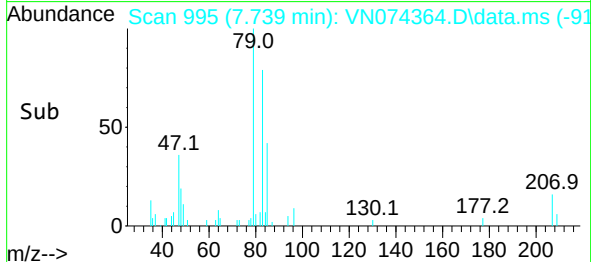
Instrument :
MSVOA_N
ClientSampleId :
MW-2-(17)



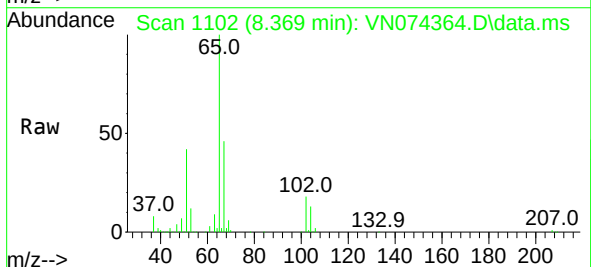
Tgt Ion: 83 Resp: 1151
Ion Ratio Lower Upper
83 100
85 53.1 51.3 76.9

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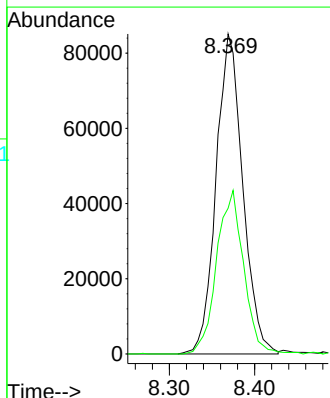
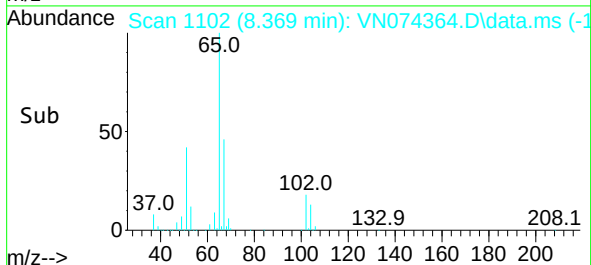
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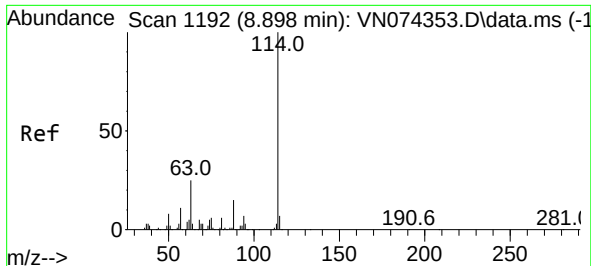


#27
1,2-Dichloroethane-d4
Concen: 31.999 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52



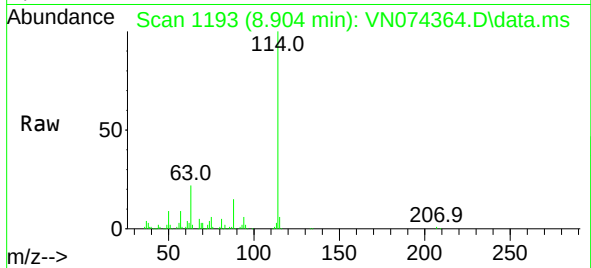
Tgt Ion: 65 Resp: 185175
Ion Ratio Lower Upper
65 100
67 51.7 40.2 60.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

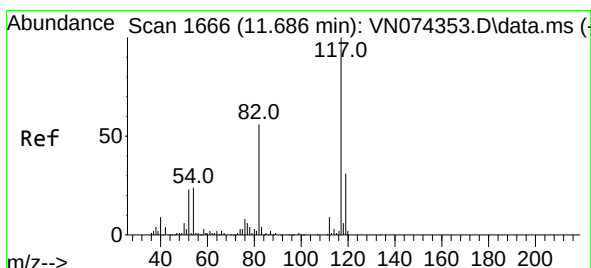
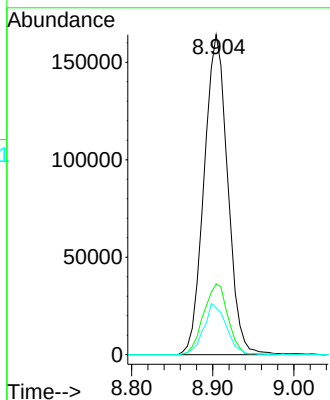
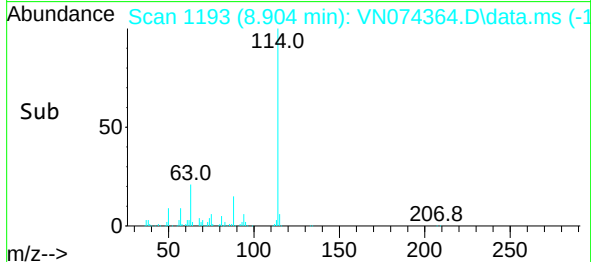
Instrument :
MSVOA_N
ClientSampleId :
MW-2-(17)



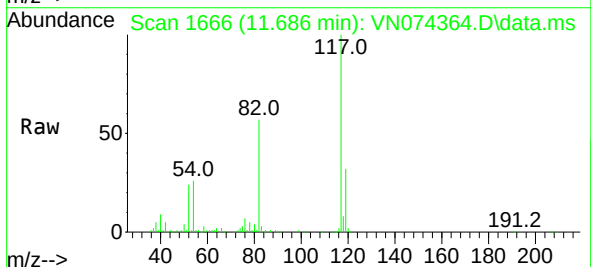
Tgt Ion:114 Resp: 331569
Ion Ratio Lower Upper
114 100
63 22.7 15.8 23.6
88 15.3 11.6 17.4

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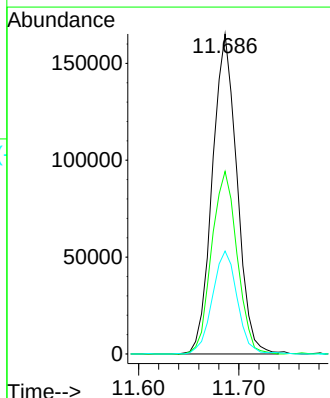
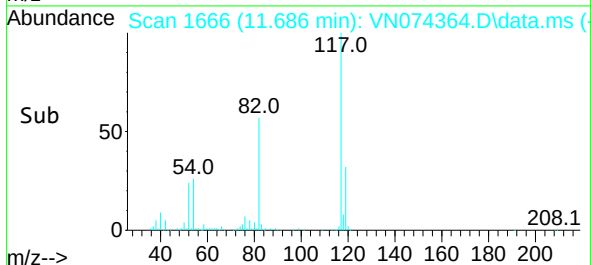
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

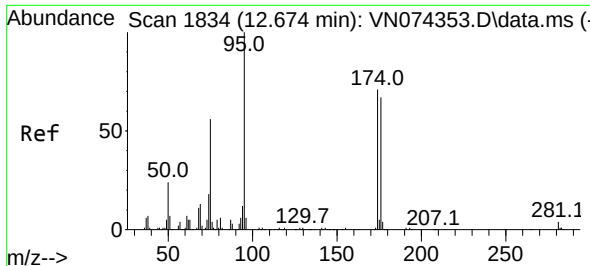


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52



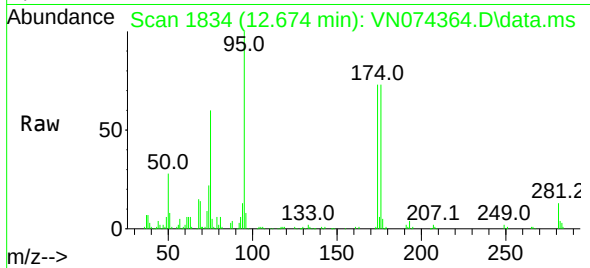
Tgt Ion:117 Resp: 281245
Ion Ratio Lower Upper
117 100
82 59.0 43.6 65.4
119 32.3 25.8 38.6





#60
4-Bromofluorobenzene
Concen: 25.404 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

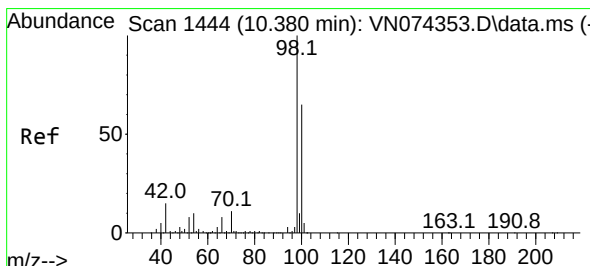
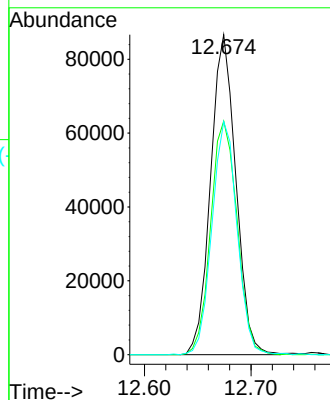
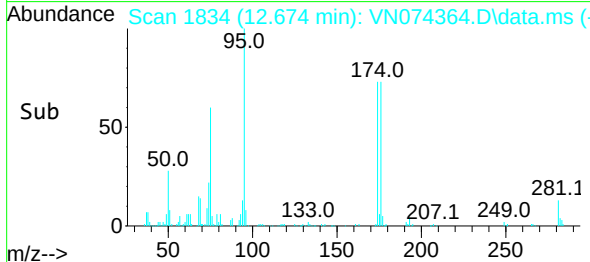
Instrument :
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ClientSampleId :
MW-2-(17)



Tgt Ion: 95 Resp: 14288
Ion Ratio Lower Upper
95 100
174 76.2 62.9 94.3
176 72.2 61.0 91.4

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#63
Toluene-d8
Concen: 30.965 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

Tgt Ion: 98 Resp: 489162
Ion Ratio Lower Upper
98 100
100 65.2 50.6 76.0

