

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053122\
 Data File : VN072651.D
 Acq On : 31 May 2022 13:53
 Operator : JC\MD
 Sample : N3029-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-001-SEWER-OUTLET-001

Quant Time: Jun 01 02:40:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 27 05:07:24 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/01/2022
 Supervised By : Mahesh Dadoda 06/01/2022

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

Internal Standards						
1) Bromochloromethane	7.651	128	22841	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	135337	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	87377	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	73312	33.543	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 111.800%#			
60) 4-Bromofluorobenzene	12.727	95	37037	24.136	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 80.467%			
63) Toluene-d8	10.439	98	208863	42.040	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 140.133%#			
Target Compounds						
15) Acetone	4.287	58	3587m	11.983	ug/l	Qvalue
25) Chloroform	7.816	83	75427	22.260	ug/l	99
30) 2-Butanone	7.340	43	8684	5.039	ug/l #	92
41) Bromodichloromethane	9.757	83	10686	3.918	ug/l	93

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

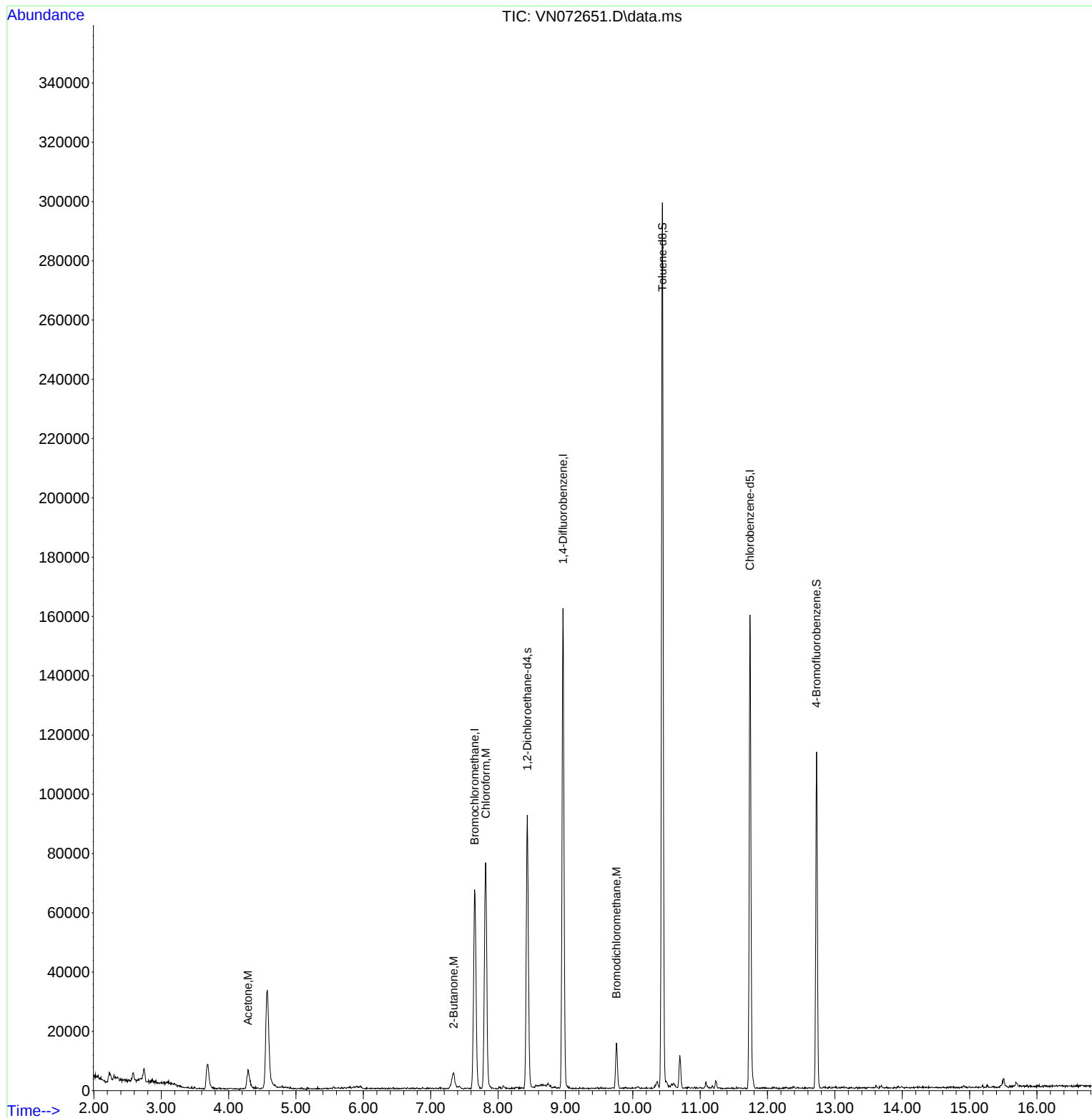
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053122\
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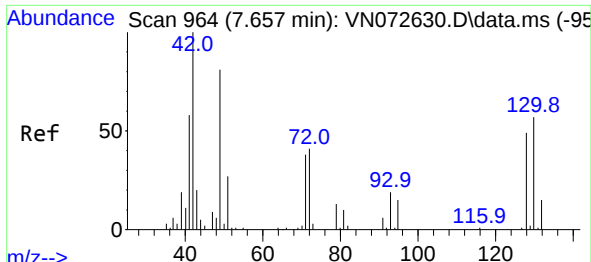
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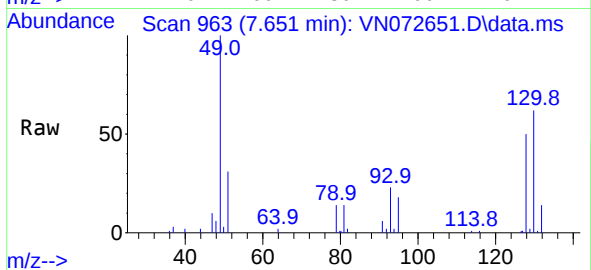
Reviewed By : John Carlone 06/01/2022
Supervised By : Mahesh Dadoda 06/01/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN072651.D
Acq: 31 May 2022 13:53

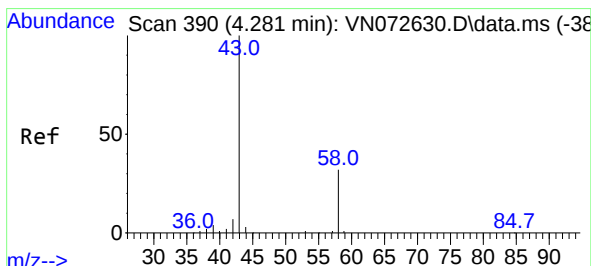
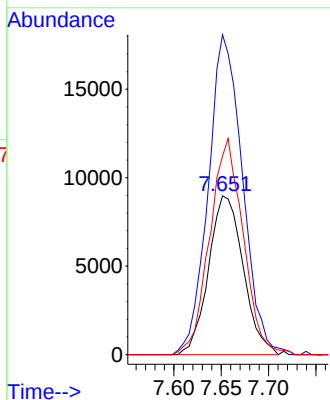
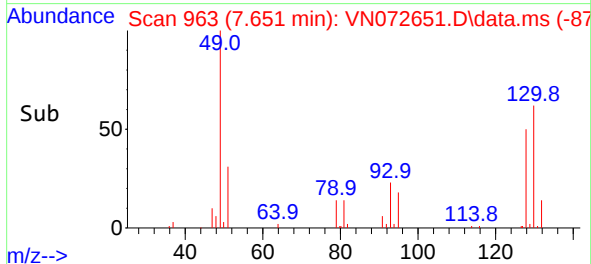
Instrument :
MSVOA_N
ClientSampleId :
DSN-001-SEWER-OUTLET-001



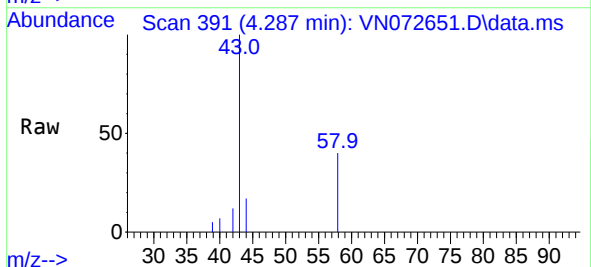
Tgt Ion:128 Resp: 2284
Ion Ratio Lower Upper
128 100
49 199.3 0.0 392.3
130 131.9 0.0 320.2

Manual Integrations
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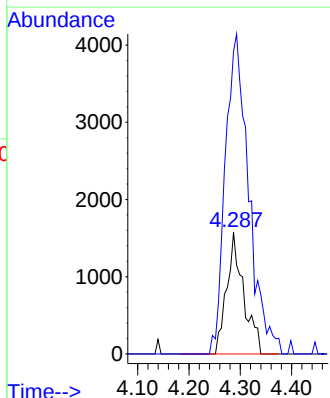
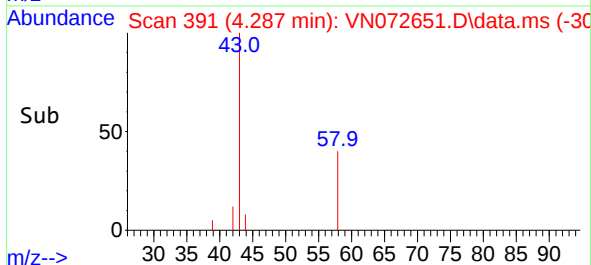
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022

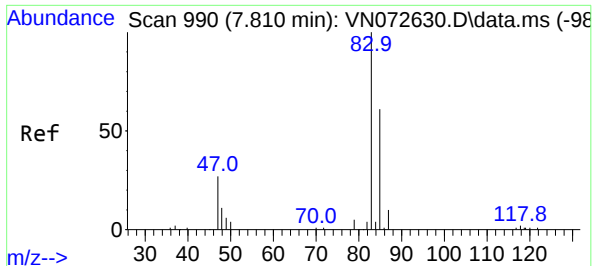


#15
Acetone
Concen: 11.983 ug/l m
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072651.D
Acq: 31 May 2022 13:53



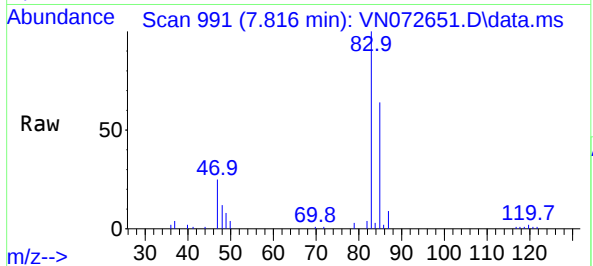
Tgt Ion: 58 Resp: 3587
Ion Ratio Lower Upper
58 100
43 248.7 256.6 384.8#





#25
Chloroform
Concen: 22.260 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072651.D
Acq: 31 May 2022 13:53

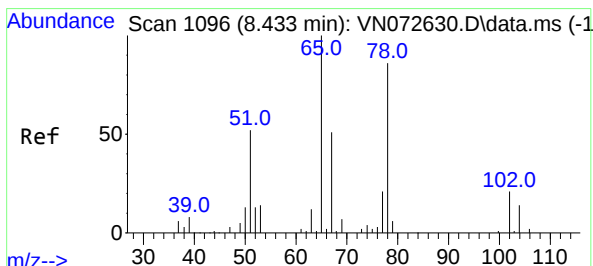
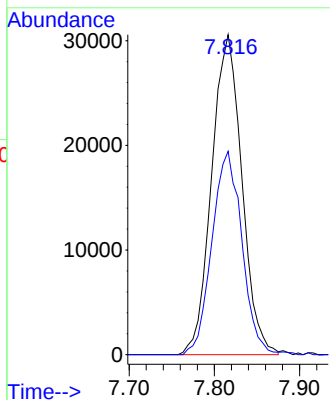
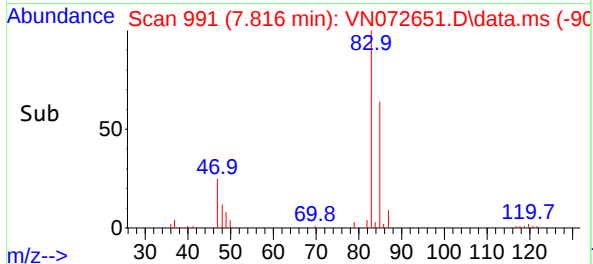
Instrument :
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ClientSampleId :
DSN-001-SEWER-OUTLET-001



Tgt Ion: 83 Resp: 7542
Ion Ratio Lower Upper
83 100
85 63.6 51.3 76.9

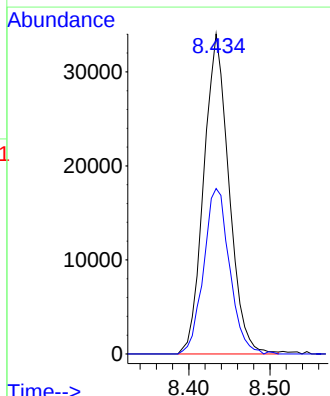
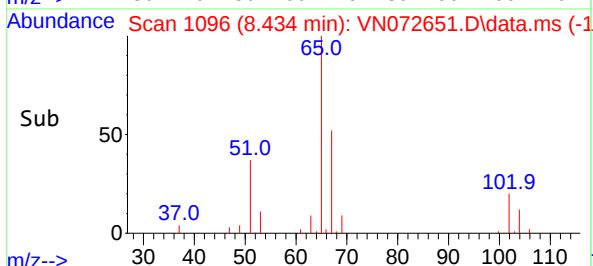
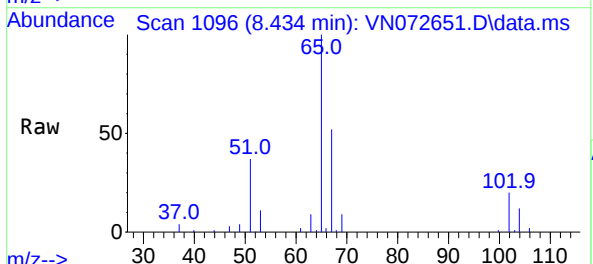
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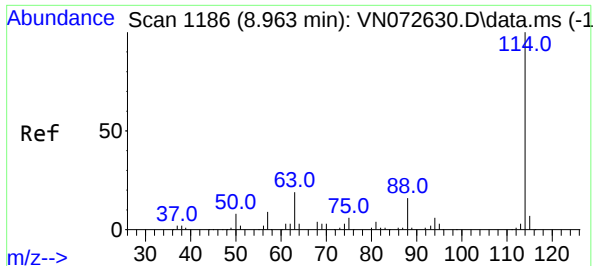
Reviewed By :John Carlone 06/01/2022
Supervised By :Mahesh Dadoda 06/01/2022



#27
1,2-Dichloroethane-d4
Concen: 33.543 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072651.D
Acq: 31 May 2022 13:53

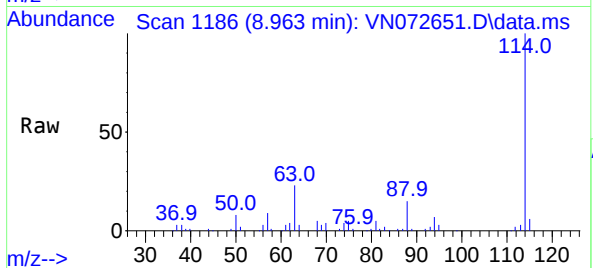
Tgt Ion: 65 Resp: 73312
Ion Ratio Lower Upper
65 100
67 53.2 40.2 60.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072651.D
Acq: 31 May 2022 13:53

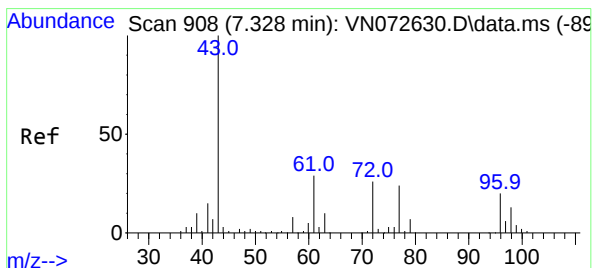
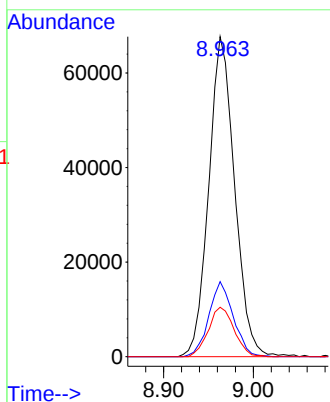
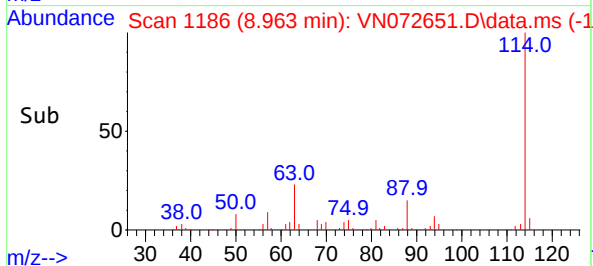
Instrument :
MSVOA_N
ClientSampleId :
DSN-001-SEWER-OUTLET-001



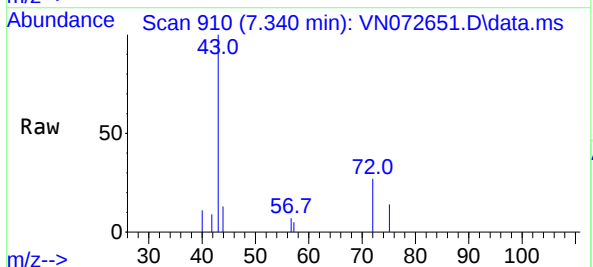
Tgt Ion: 114 Resp: 135337
Ion Ratio Lower Upper
114 100
63 22.2 15.8 23.6
88 15.4 11.6 17.4

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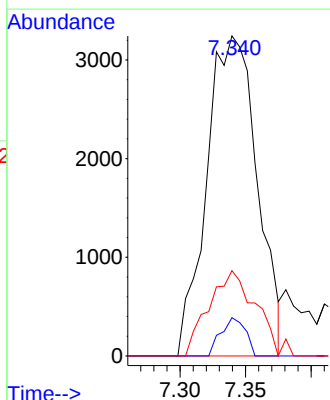
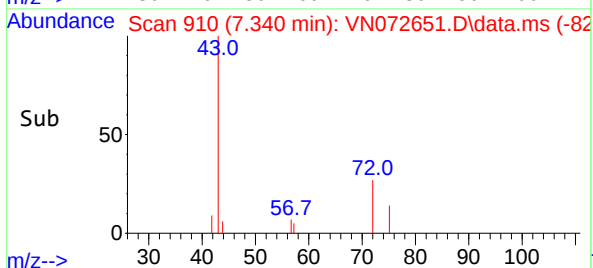
Reviewed By :John Carlone 06/01/2022
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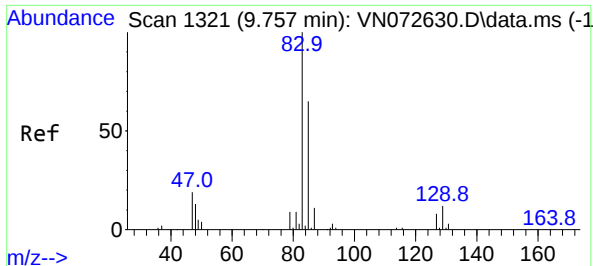


#30
2-Butanone
Concen: 5.039 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN072651.D
Acq: 31 May 2022 13:53



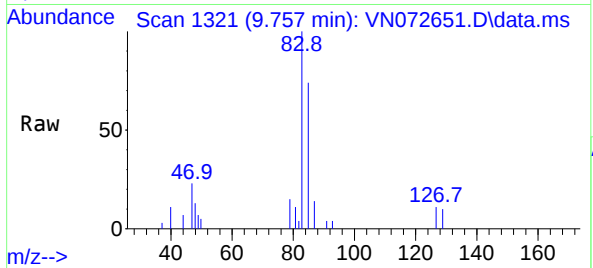
Tgt Ion: 43 Resp: 8684
Ion Ratio Lower Upper
43 100
57 5.8 6.7 10.1#
72 24.3 23.2 34.8





#41
Bromodichloromethane
Concen: 3.918 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072651.D
Acq: 31 May 2022 13:53

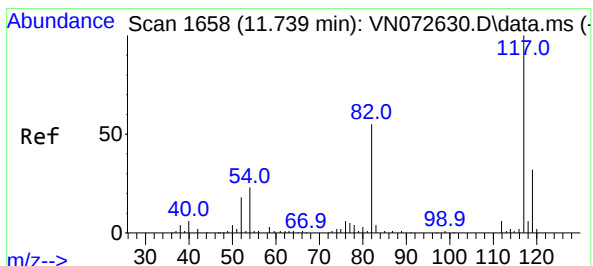
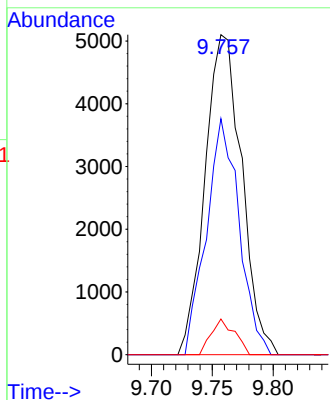
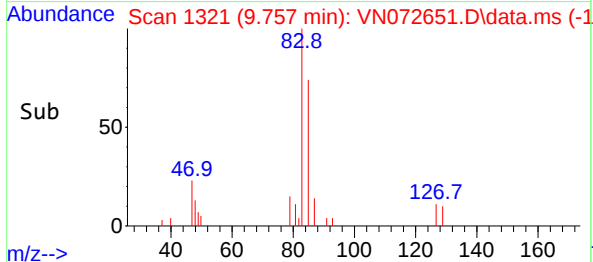
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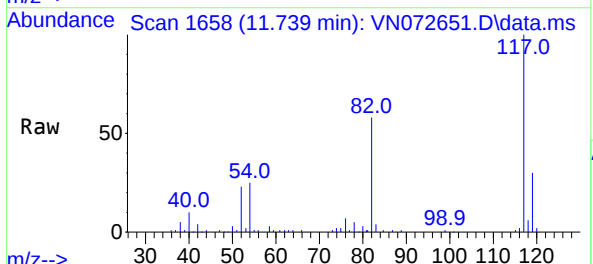
Tgt Ion: 83 Resp: 10680
Ion Ratio Lower Upper
83 100
85 73.8 54.1 81.1
127 11.2 7.6 11.4

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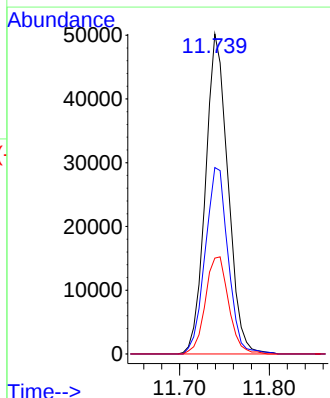
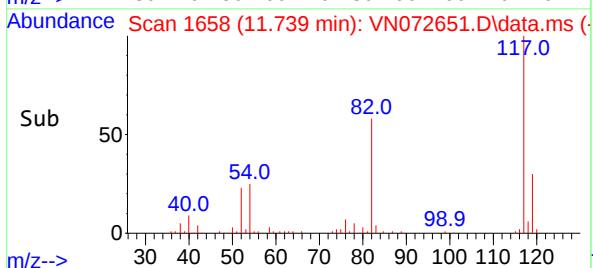
Reviewed By :John Carlone 06/01/2022
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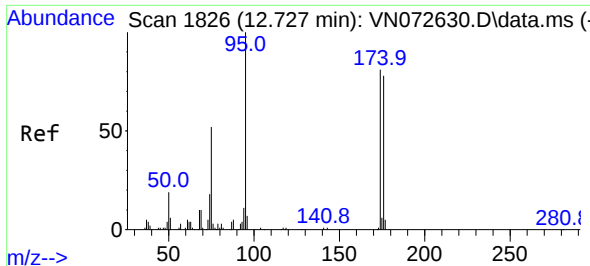


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072651.D
Acq: 31 May 2022 13:53



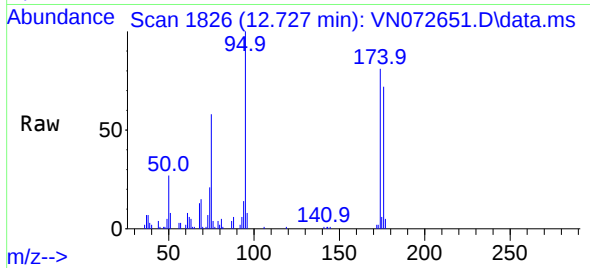
Tgt Ion: 117 Resp: 87377
Ion Ratio Lower Upper
117 100
82 59.4 43.6 65.4
119 31.4 25.8 38.6





#60
4-Bromofluorobenzene
Concen: 24.136 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072651.D
Acq: 31 May 2022 13:53

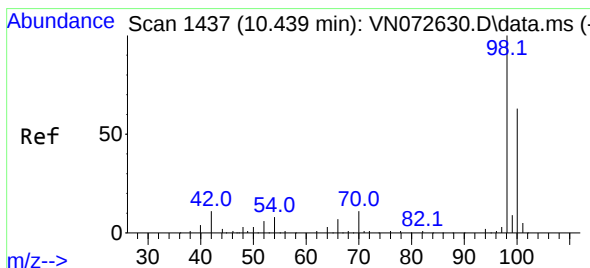
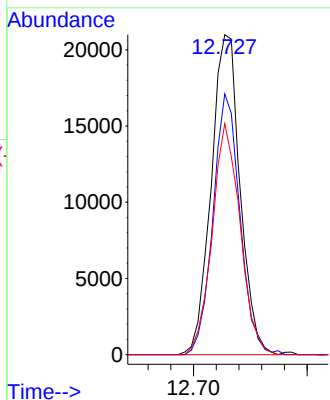
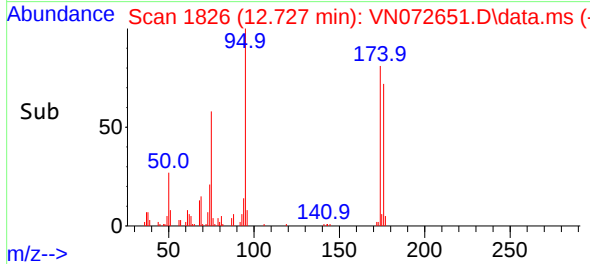
Instrument :
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Tgt Ion: 95 Resp: 3703
Ion Ratio Lower Upper
95 100
174 76.3 62.9 94.3
176 69.8 61.0 91.4

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#63
Toluene-d8
Concen: 42.040 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072651.D
Acq: 31 May 2022 13:53

Tgt Ion: 98 Resp: 208863
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0

