

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
 Data File : VN072641.D
 Acq On : 26 May 2022 20:41
 Operator : JC\MD
 Sample : N3029-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: May 27 05:35:28 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 05/27/2022
 Supervised By : Mahesh Dadoda 05/27/2022

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

Internal Standards						
1) Bromochloromethane	7.651	128	29939	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	159478	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	135349	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	83482	29.141	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	97.133%	
60) 4-Bromofluorobenzene	12.727	95	57279	24.097	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	80.333%	
63) Toluene-d8	10.439	98	235440	30.593	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	101.967%	
Target Compounds						
						Qvalue
15) Acetone	4.287	58	1147m	2.923	ug/l	
25) Chloroform	7.816	83	8890	2.002	ug/l	92

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

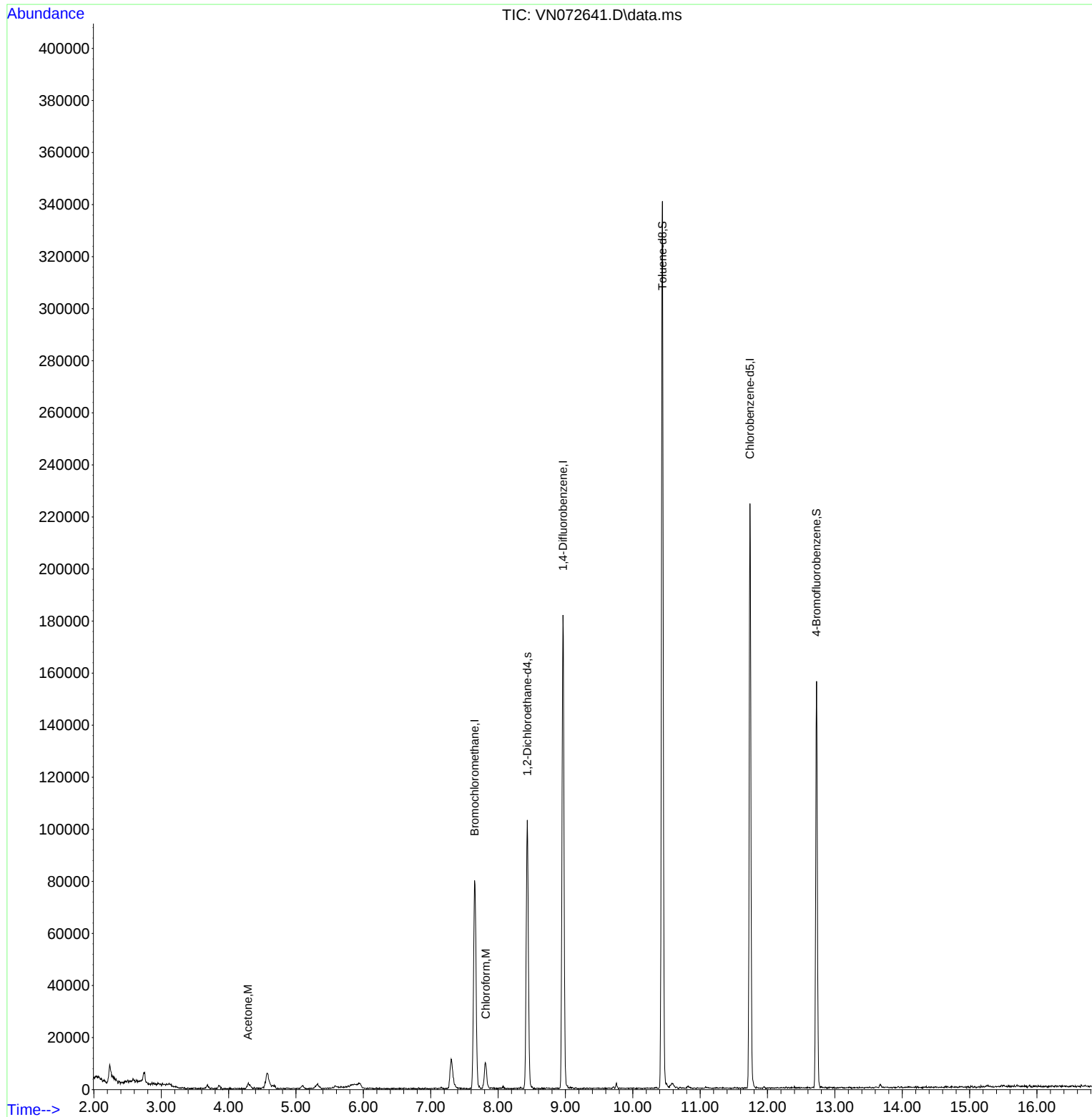
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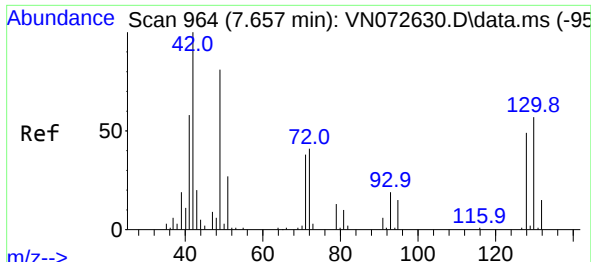
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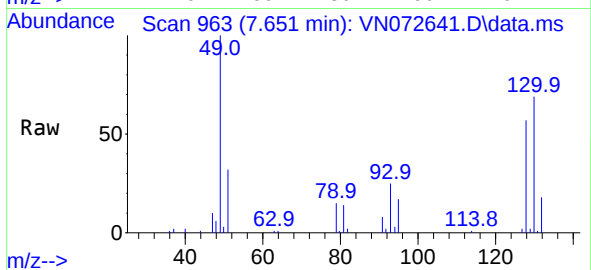
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN072641.D
Acq: 26 May 2022 20:41

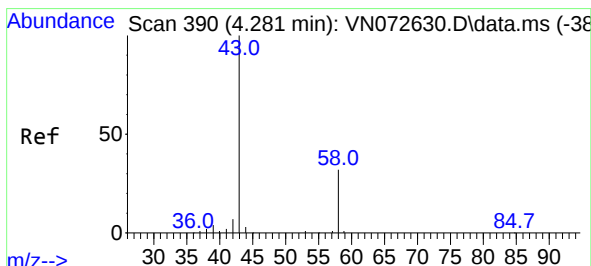
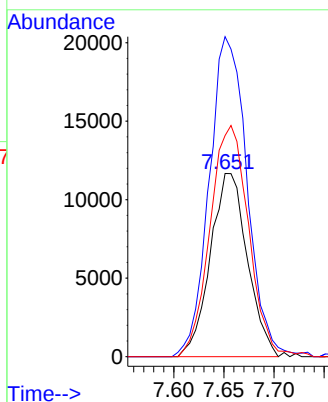
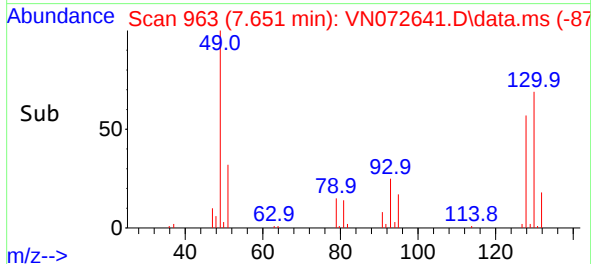
Instrument :
MSVOA_N
ClientSampleId :
DSN-001-SEWER-OUTLET-001



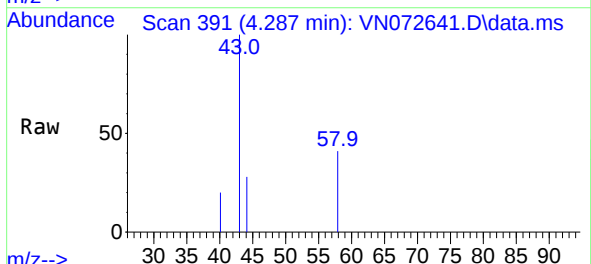
Tgt Ion:128 Resp: 29939
Ion Ratio Lower Upper
128 100
49 178.6 0.0 392.3
130 131.1 0.0 320.2

Manual Integrations
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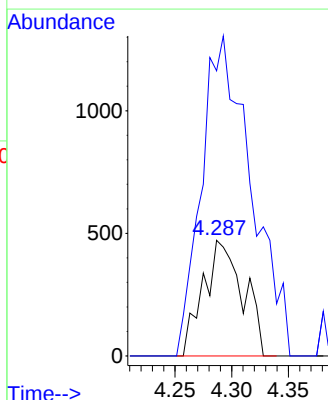
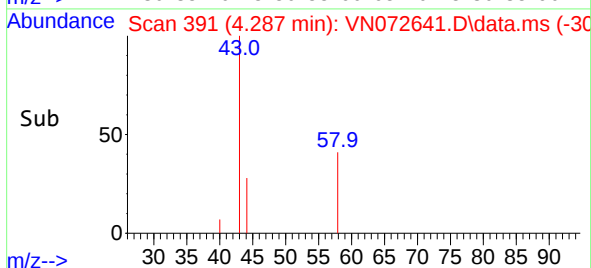
Reviewed By :John Carlone 05/27/2022
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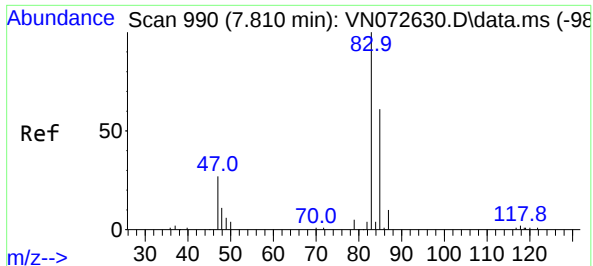


#15
Acetone
Concen: 2.923 ug/l m
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072641.D
Acq: 26 May 2022 20:41



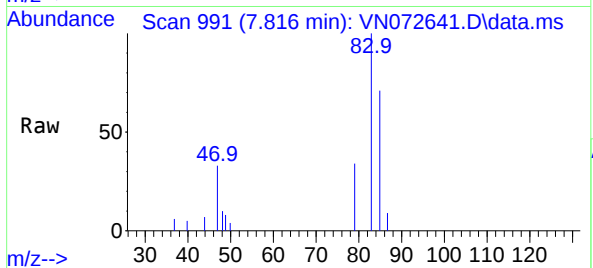
Tgt Ion: 58 Resp: 1147
Ion Ratio Lower Upper
58 100
43 246.4 256.6 384.8#





#25
Chloroform
Concen: 2.002 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072641.D
Acq: 26 May 2022 20:41

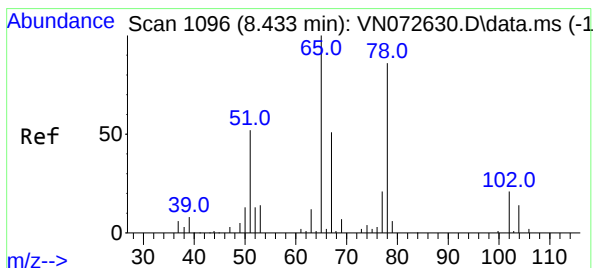
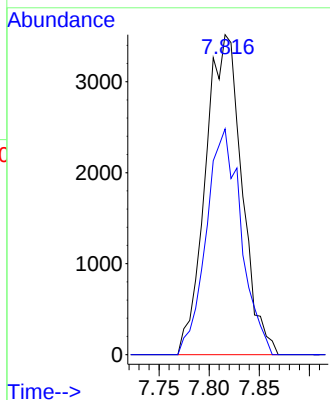
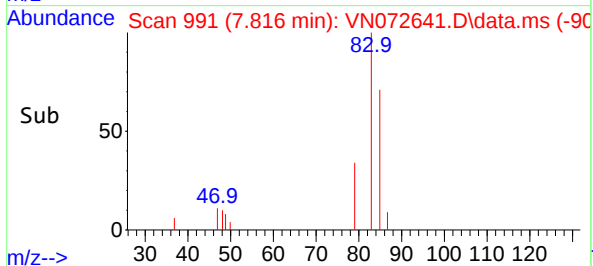
Instrument :
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DSN-001-SEWER-OUTLET-001



Tgt Ion: 83 Resp: 8890
Ion Ratio Lower Upper
83 100
85 70.5 51.3 76.9

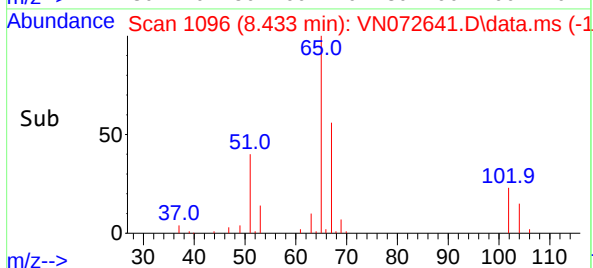
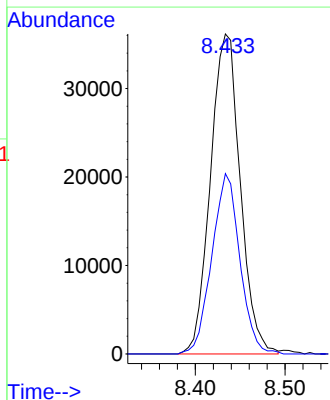
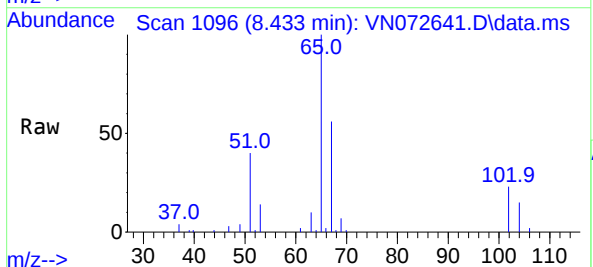
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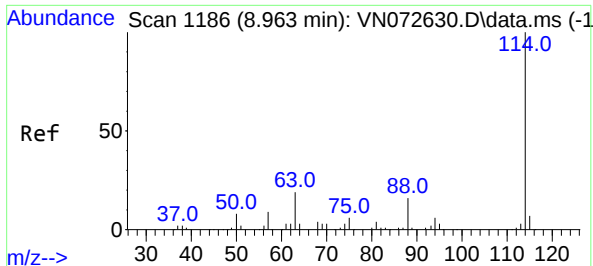
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#27
1,2-Dichloroethane-d4
Concen: 29.141 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072641.D
Acq: 26 May 2022 20:41

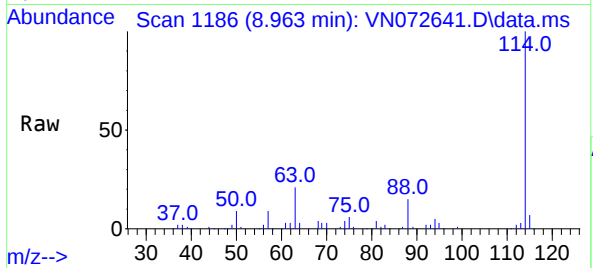
Tgt Ion: 65 Resp: 83482
Ion Ratio Lower Upper
65 100
67 52.9 40.2 60.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072641.D
Acq: 26 May 2022 20:41

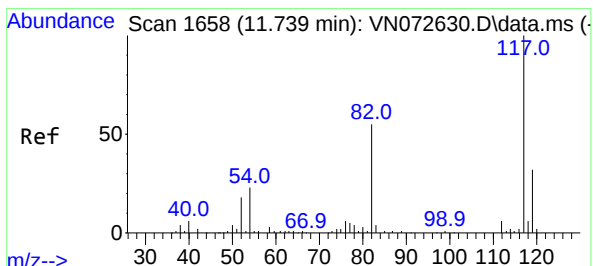
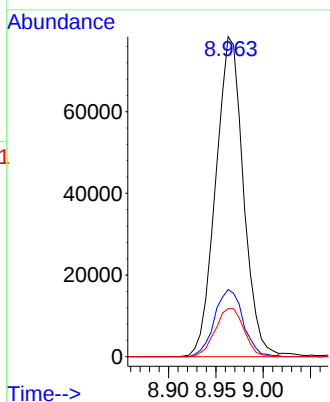
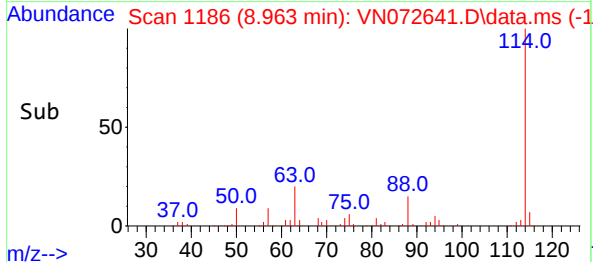
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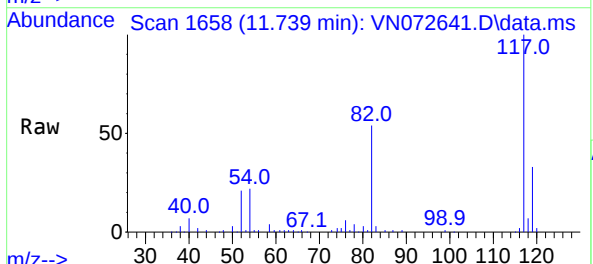
Tgt Ion:114 Resp: 159478
Ion Ratio Lower Upper
114 100
63 21.7 15.8 23.6
88 15.6 11.6 17.4

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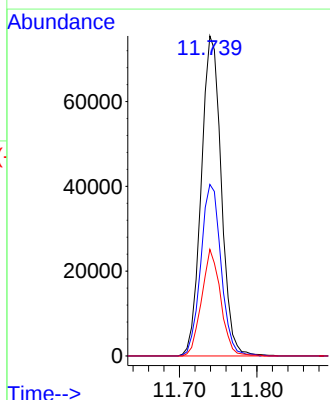
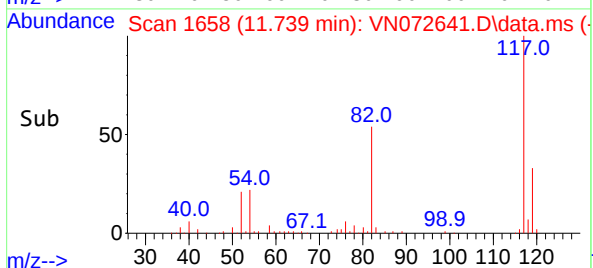
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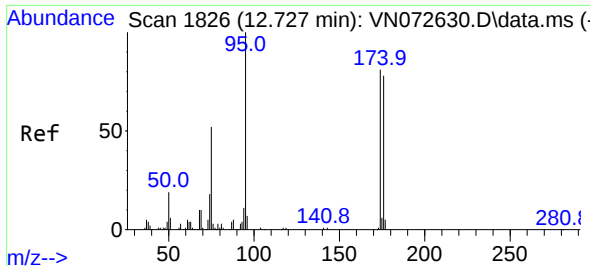


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072641.D
Acq: 26 May 2022 20:41



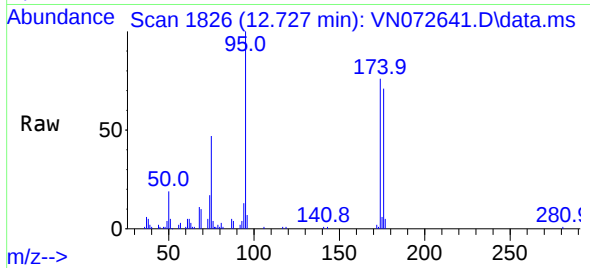
Tgt Ion:117 Resp: 135349
Ion Ratio Lower Upper
117 100
82 54.2 43.6 65.4
119 31.6 25.8 38.6





#60
4-Bromofluorobenzene
Concen: 24.097 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072641.D
Acq: 26 May 2022 20:41

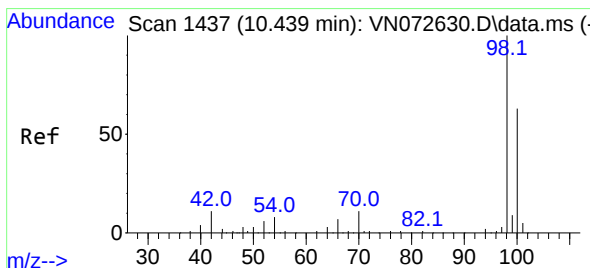
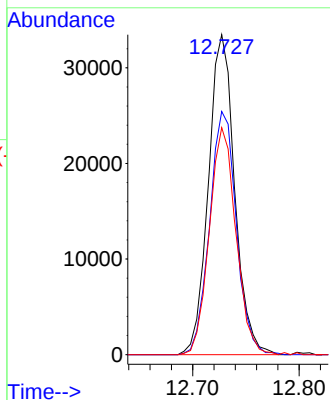
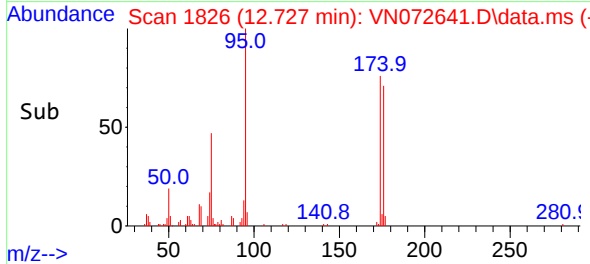
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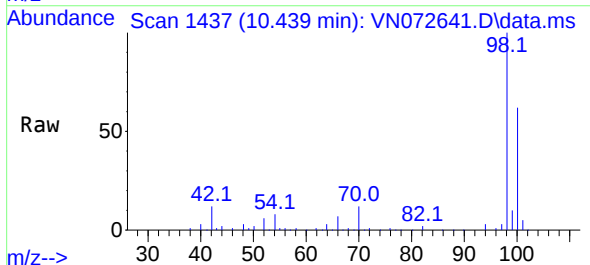
Tgt Ion: 95 Resp: 57279
Ion Ratio Lower Upper
95 100
174 77.2 62.9 94.3
176 71.7 61.0 91.4

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#63
Toluene-d8
Concen: 30.593 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072641.D
Acq: 26 May 2022 20:41



Tgt Ion: 98 Resp: 235440
Ion Ratio Lower Upper
98 100
100 64.5 50.6 76.0

