

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
 Data File : VN069615.D
 Acq On : 22 Nov 2021 17:28
 Operator : JC/MD
 Sample : M4806-01 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2021
 Supervised By : Mahesh Dadoda 11/23/2021

Quant Time: Nov 23 03:53:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	155225	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	865533	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	735940	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	437306	32.48	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.27%
60) 4-Bromofluorobenzene	12.733	95	279854	23.76	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.20%
63) Toluene-d8	10.443	98	1058050	31.14	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.80%
Target Compounds						
						Qvalue
15) Acetone	4.301	58	4335m	2.13	ug/l	
25) Chloroform	7.820	83	1048885	56.60	ug/l	98
41) Bromodichloromethane	9.762	83	62504	4.67	ug/l	92

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

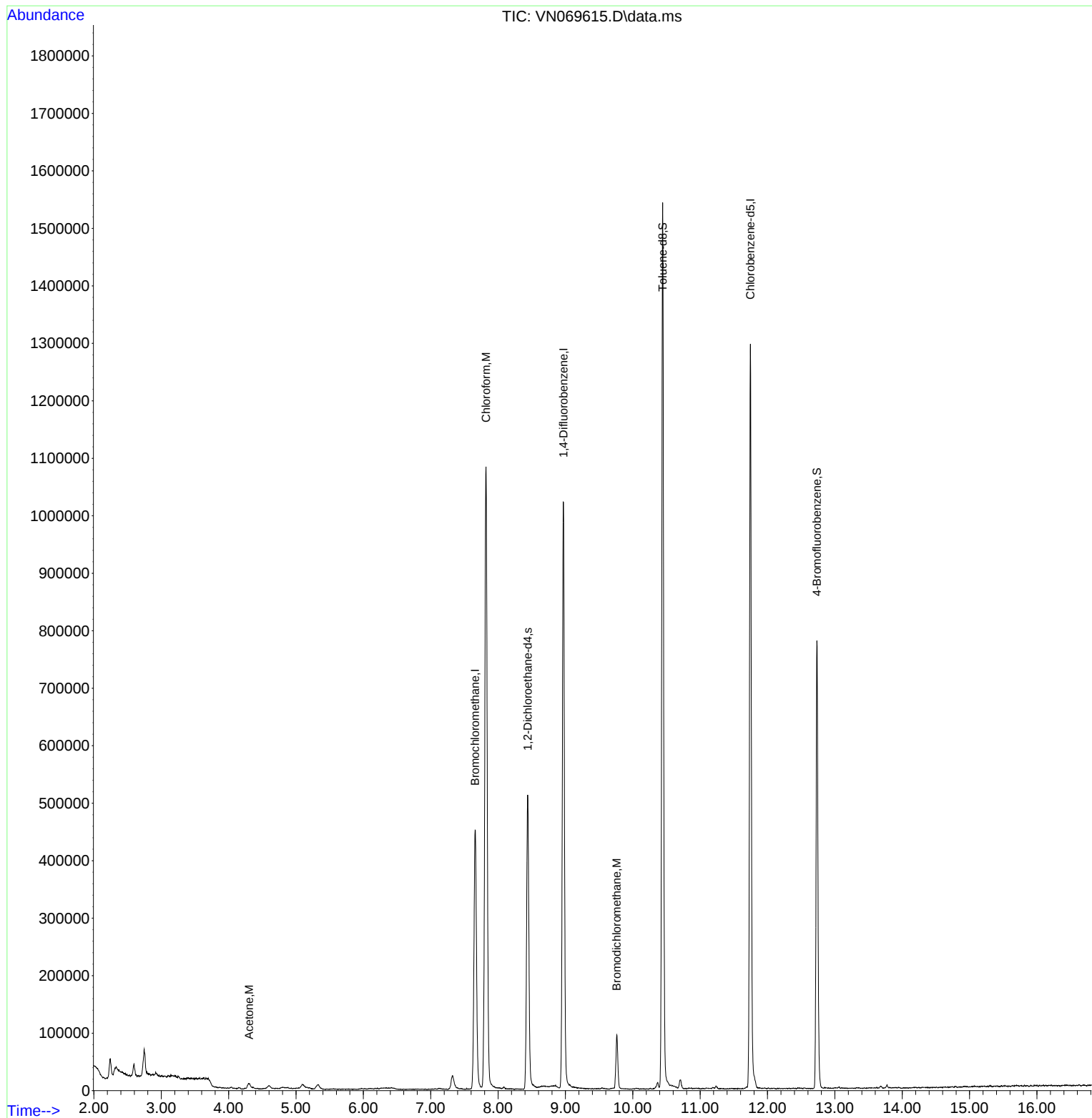
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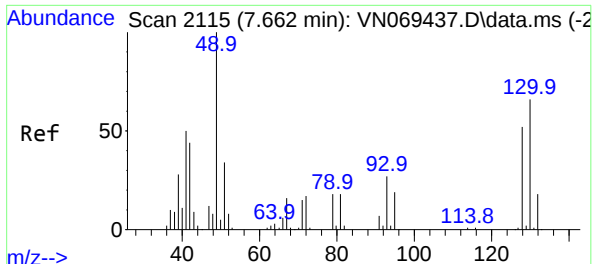
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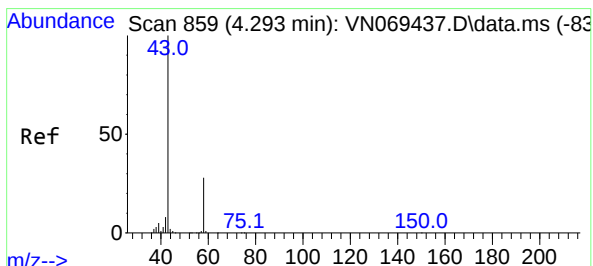
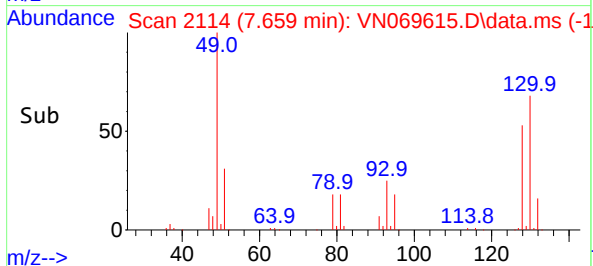
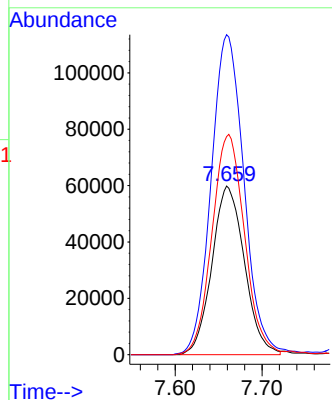
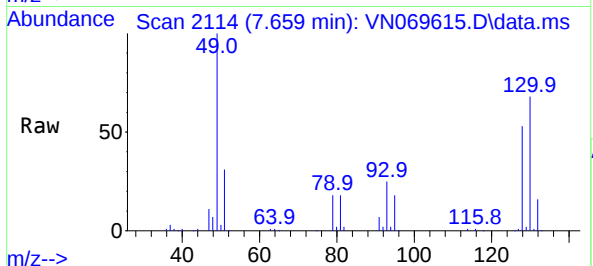
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28

Instrument :
MSVOA_N
ClientSampleId :
14B-1

Tgt Ion:128 Resp: 15522
Ion Ratio Lower Upper
128 100
49 191.8 0.0 392.3
130 131.1 0.0 320.2

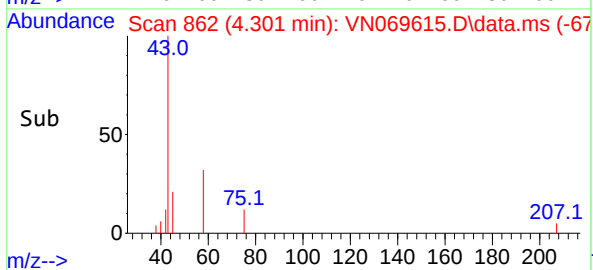
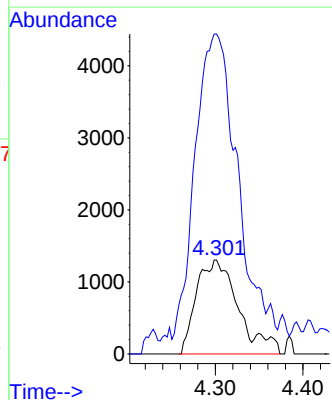
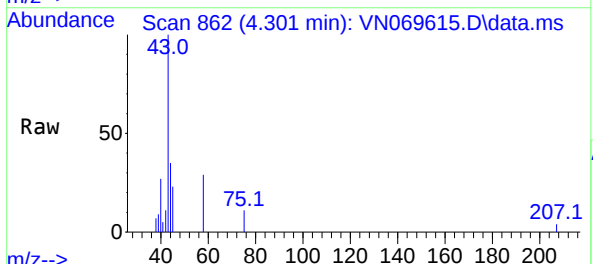
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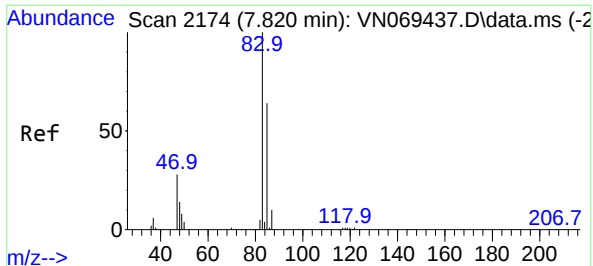
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#15
Acetone
Concen: 2.13 ug/l m
RT: 4.301 min Scan# 862
Delta R.T. 0.013 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28

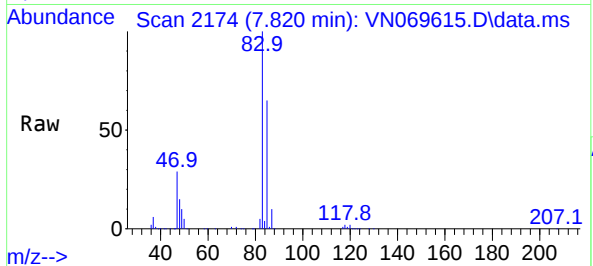
Tgt Ion: 58 Resp: 4335
Ion Ratio Lower Upper
58 100
43 340.5 256.6 384.8





#25
Chloroform
Concen: 56.60 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28

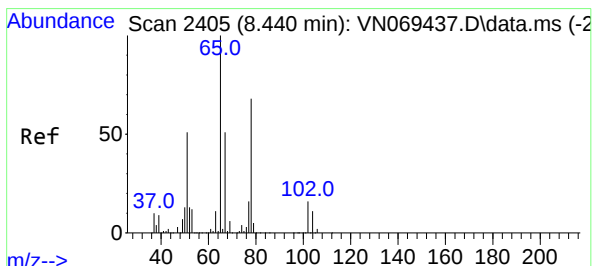
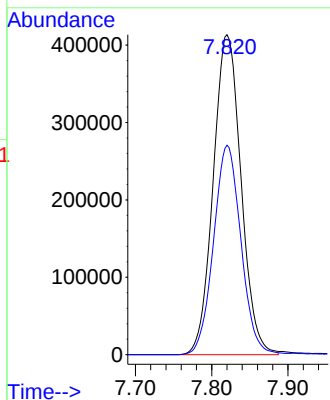
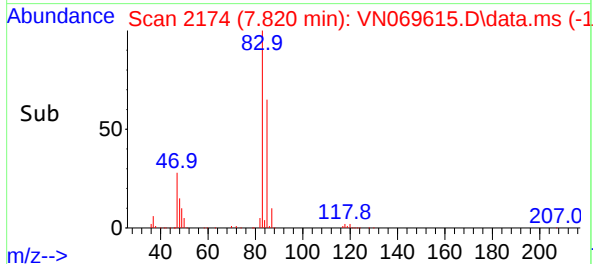
Instrument :
MSVOA_N
ClientSampleId :
14B-1



Tgt Ion: 83 Resp: 104888
Ion Ratio Lower Upper
83 100
85 65.5 51.3 76.9

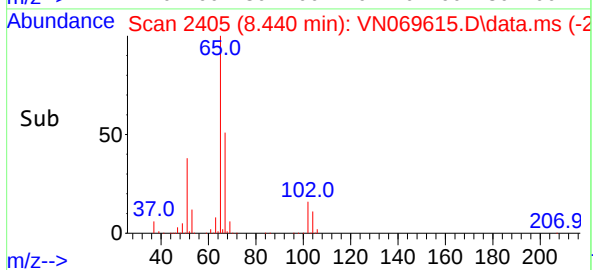
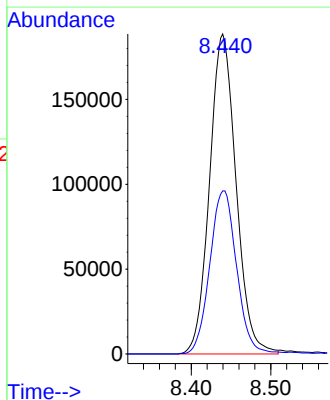
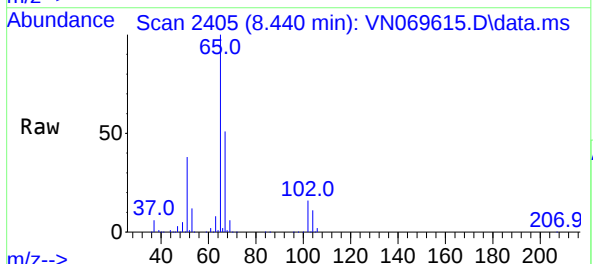
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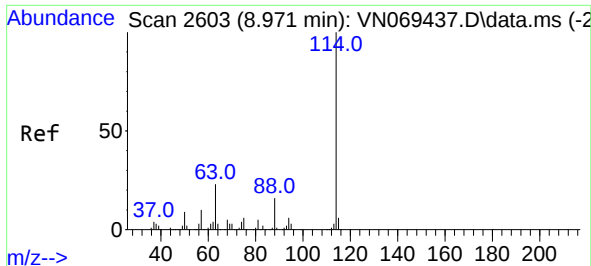
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#27
1,2-Dichloroethane-d4
Concen: 32.48 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28

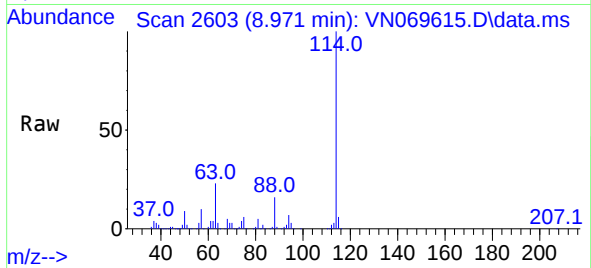
Tgt Ion: 65 Resp: 437306
Ion Ratio Lower Upper
65 100
67 50.8 40.2 60.2





#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.971 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28

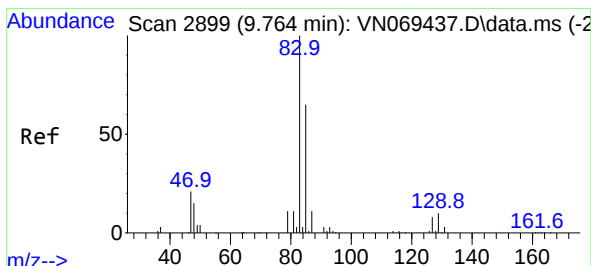
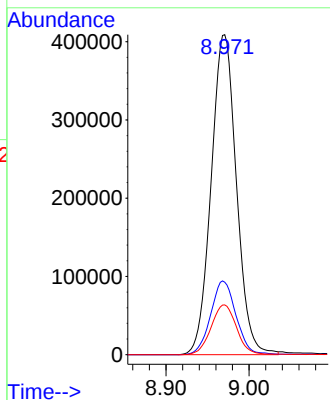
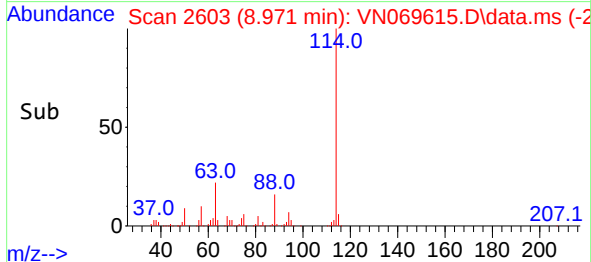
Instrument :
MSVOA_N
ClientSampleId :
14B-1



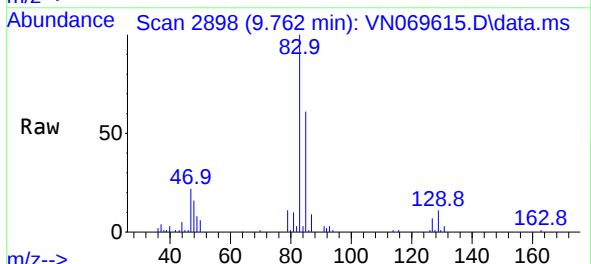
Tgt Ion:114 Resp: 86553
Ion Ratio Lower Upper
114 100
63 23.2 15.8 23.6
88 15.6 11.6 17.4

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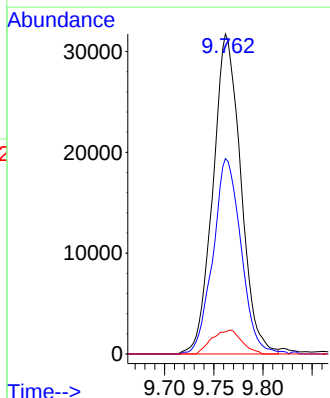
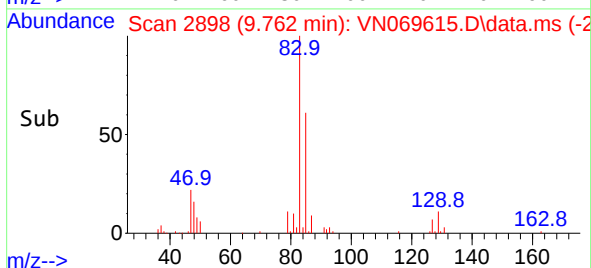
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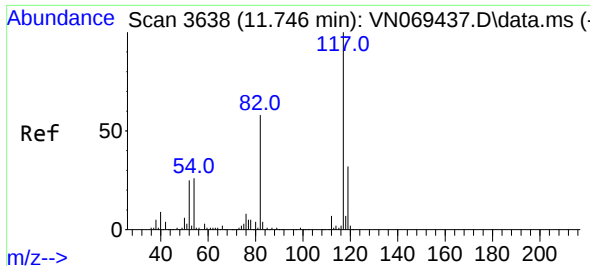


#41
Bromodichloromethane
Concen: 4.67 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.003 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28



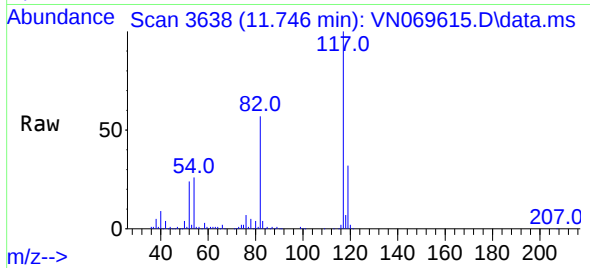
Tgt Ion: 83 Resp: 62504
Ion Ratio Lower Upper
83 100
85 61.0 54.1 81.1
127 7.6 7.6 11.4





#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.746 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28

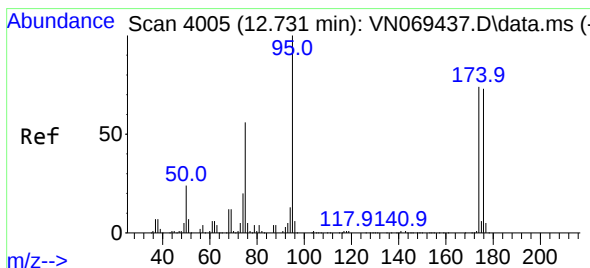
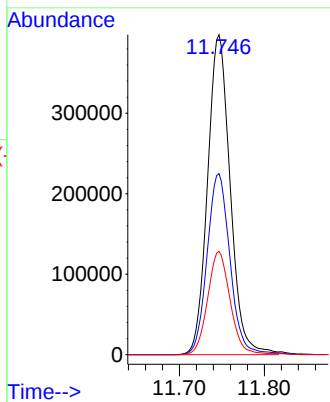
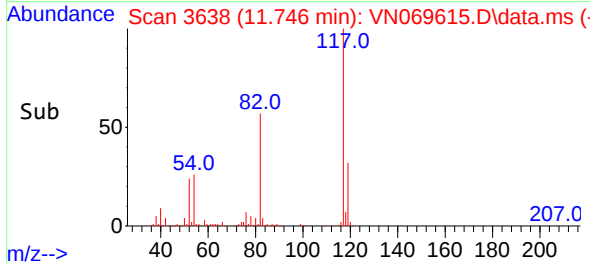
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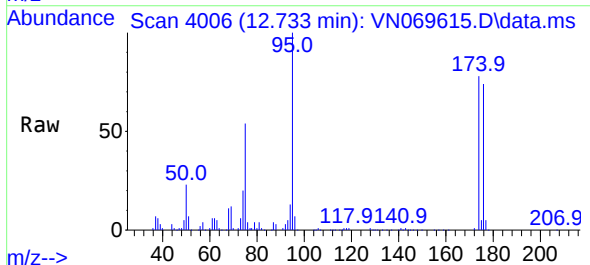
Tgt Ion: 117 Resp: 735940
Ion Ratio Lower Upper
117 100
82 57.6 43.6 65.4
119 32.0 25.8 38.6

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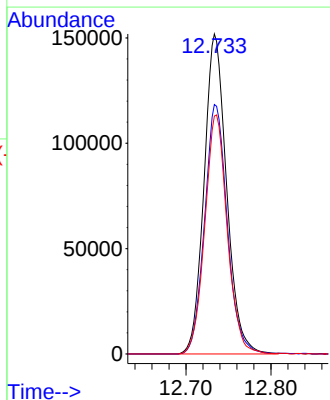
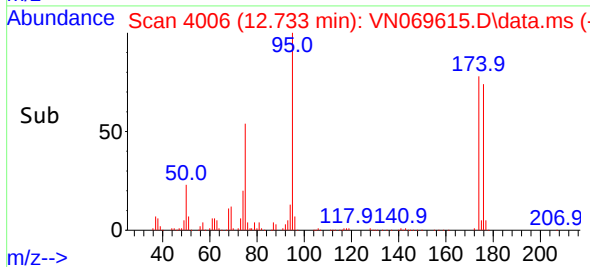
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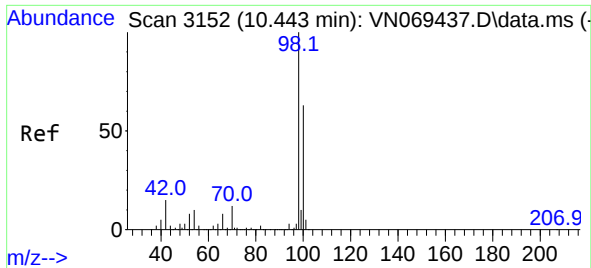


#60
4-Bromofluorobenzene
Concen: 23.76 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28



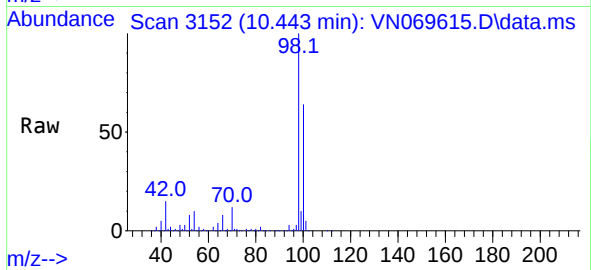
Tgt Ion: 95 Resp: 279854
Ion Ratio Lower Upper
95 100
174 78.5 62.9 94.3
176 74.4 61.0 91.4





#63
Toluene-d8
Concen: 31.14 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28

Instrument :
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ClientSampleId :
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Tgt Ion: 98 Resp: 1058050
Ion Ratio Lower Upper
98 100
100 63.3 50.6 76.0

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