

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
 Data File : VN069618.D
 Acq On : 22 Nov 2021 18:45
 Operator : JC/MD
 Sample : M4806-04 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Manual Integrations
 APPROVED

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

Quant Time: Nov 23 03:54:22 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	157599	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	862641	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	725954	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	438458	32.079	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.933%			
60) 4-Bromofluorobenzene	12.734	95	271774	23.394	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 77.967%			
63) Toluene-d8	10.443	98	1036632	30.926	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.100%			
Target Compounds						
15) Acetone	4.296	58	3090m	1.499	ug/l	Qvalue
25) Chloroform	7.820	83	1031190	54.808	ug/l	99
41) Bromodichloromethane	9.762	83	56998	4.275	ug/l	96

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

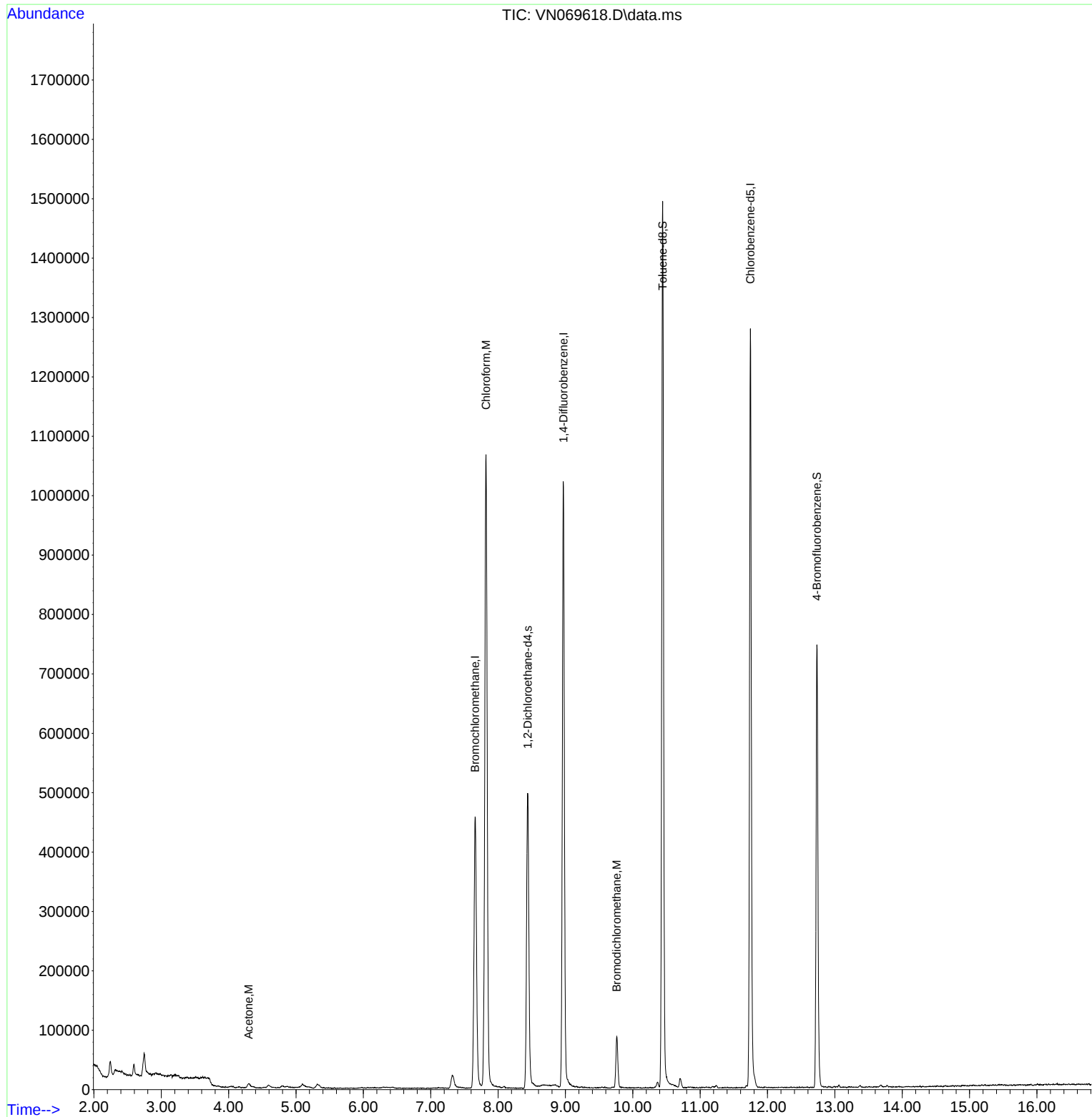
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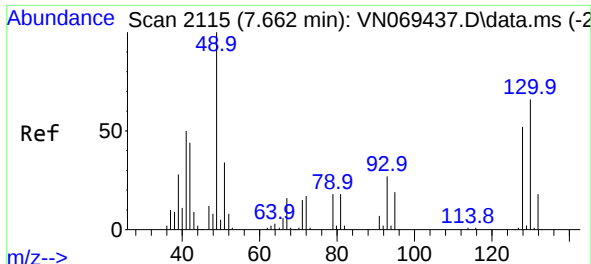
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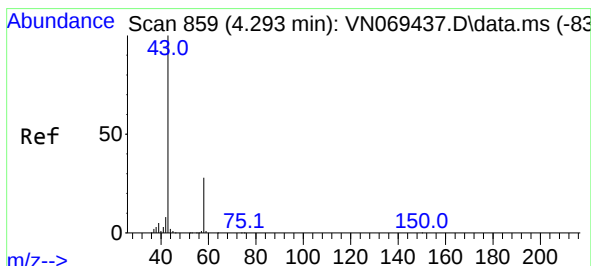
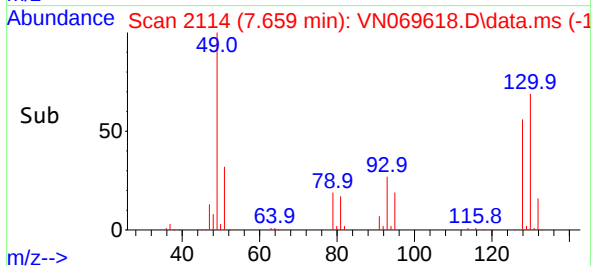
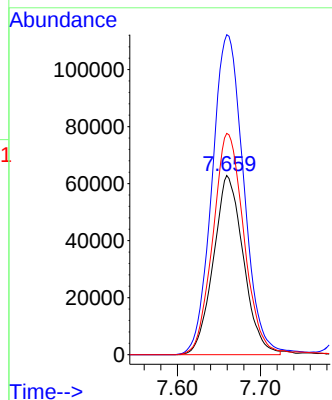
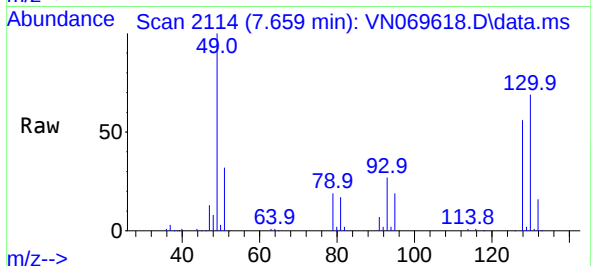
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VN069618.D
Acq: 22 Nov 2021 18:45

Instrument :
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ClientSampleId :
14B-4

Tgt Ion:128 Resp: 15759
Ion Ratio Lower Upper
128 100
49 189.3 0.0 392.3
130 127.6 0.0 320.2

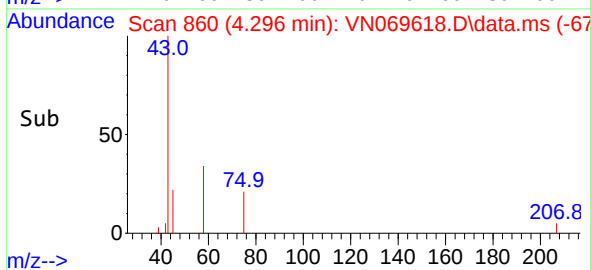
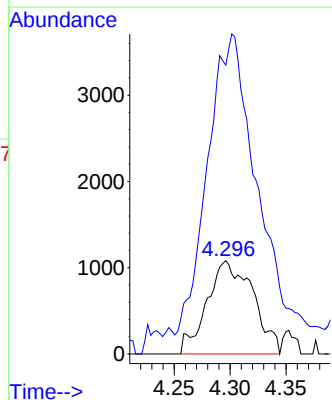
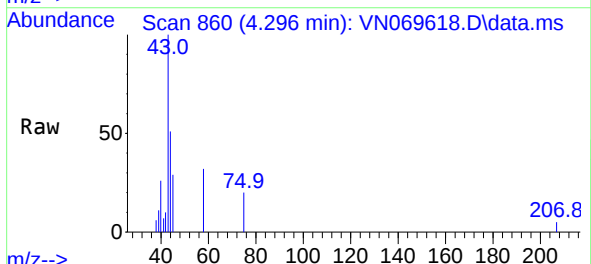
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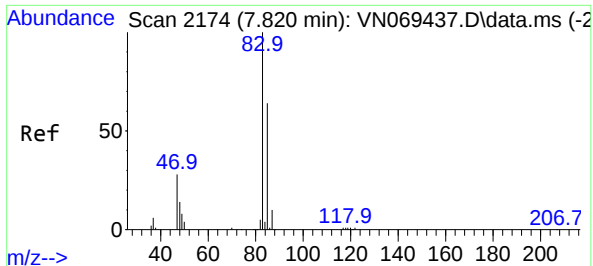
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#15
Acetone
Concen: 1.499 ug/l m
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN069618.D
Acq: 22 Nov 2021 18:45

Tgt Ion: 58 Resp: 3090
Ion Ratio Lower Upper
58 100
43 309.4 256.6 384.8





#25

Chloroform

Concen: 54.808 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN069618.D

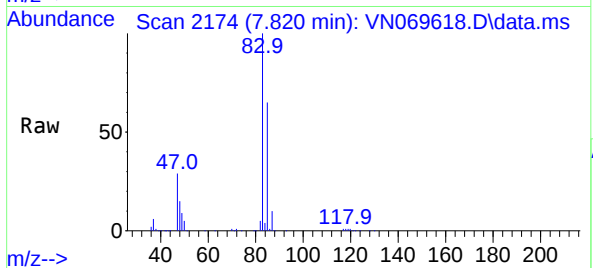
Acq: 22 Nov 2021 18:45

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion: 83 Resp: 1031190

Ion Ratio Lower Upper

83 100

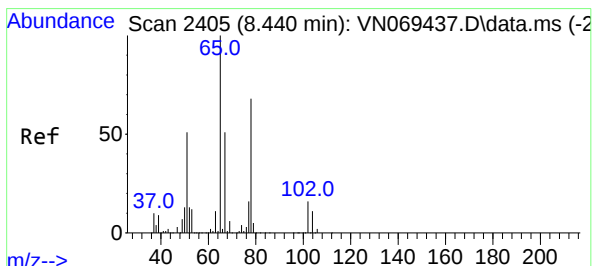
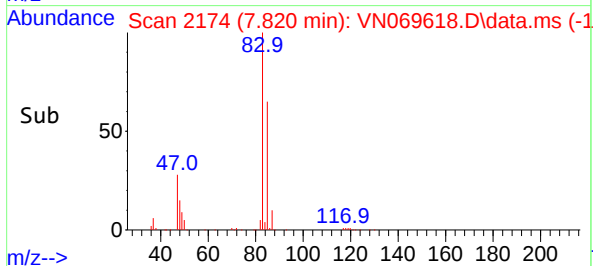
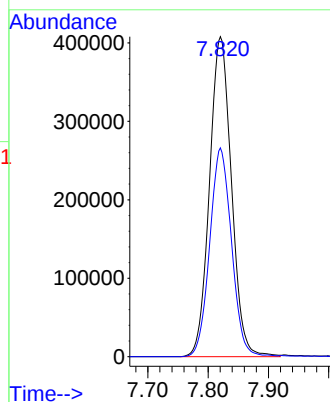
85 65.2 51.3 76.9

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#27

1,2-Dichloroethane-d4

Concen: 32.079 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VN069618.D

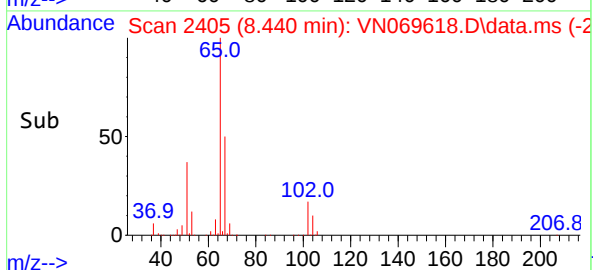
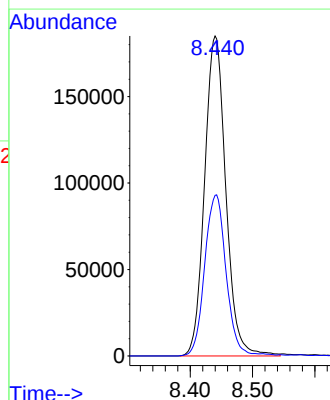
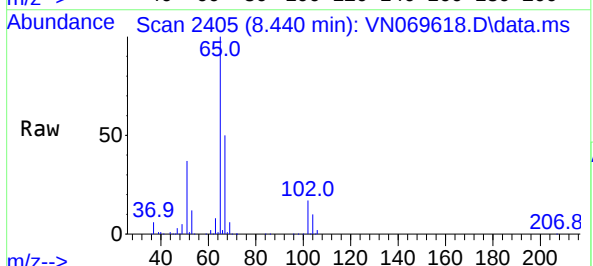
Acq: 22 Nov 2021 18:45

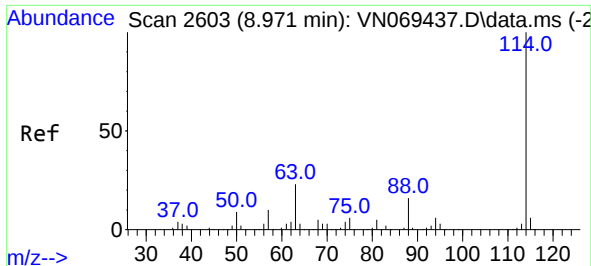
Tgt Ion: 65 Resp: 438458

Ion Ratio Lower Upper

65 100

67 50.5 40.2 60.2





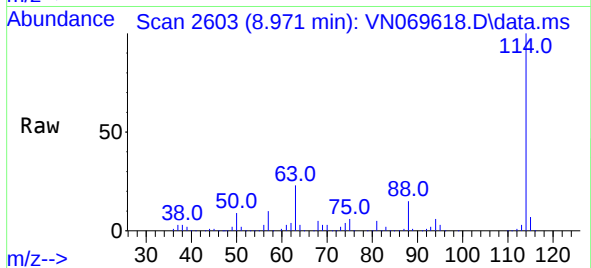
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN069618.D
Acq: 22 Nov 2021 18:45

Instrument :

MSVOA_N

ClientSampleId :

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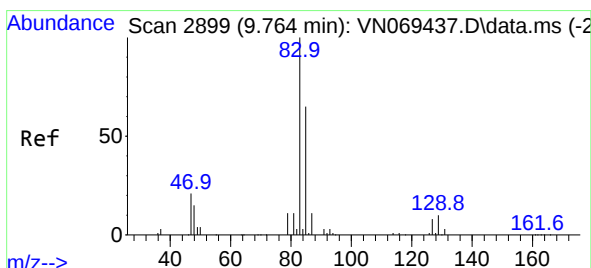
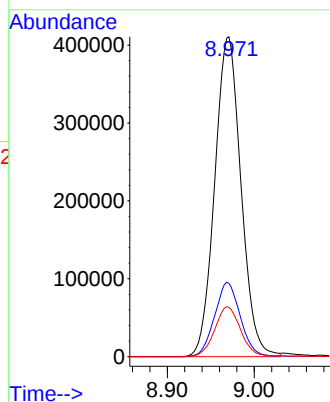
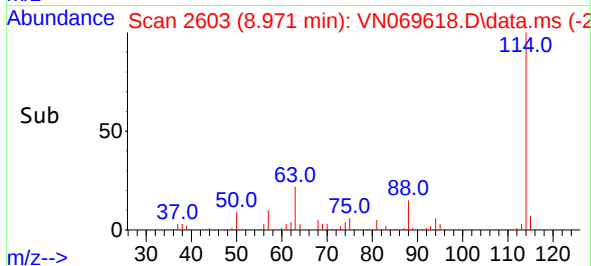
Tgt Ion:114 Resp: 86264
Ion Ratio Lower Upper
114 100
63 22.7 15.8 23.6
88 15.4 11.6 17.4

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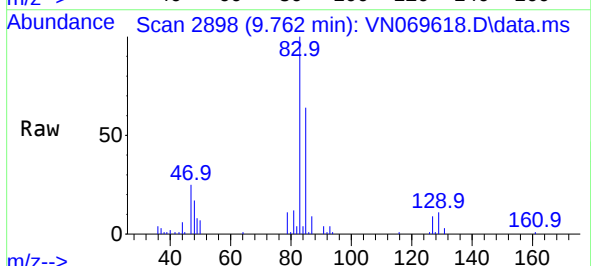
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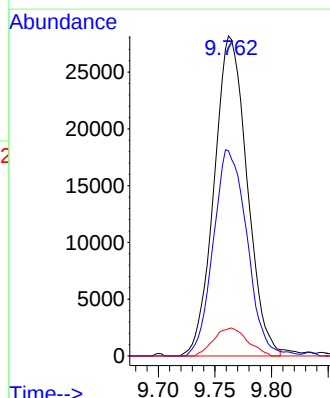
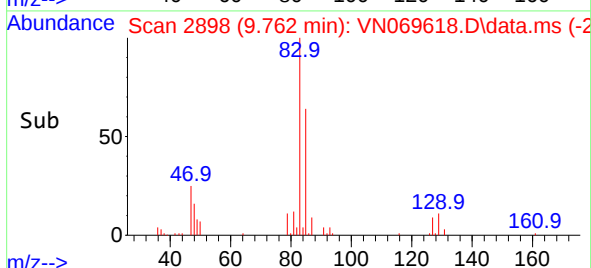
Supervised By :Mahesh Dadoda 11/23/2021

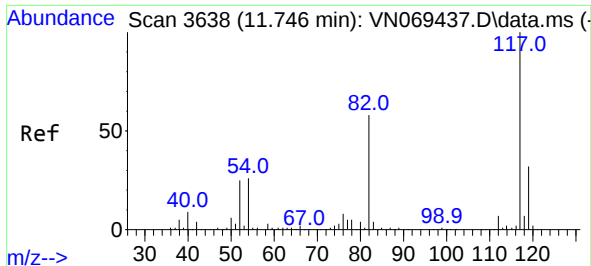


#41
Bromodichloromethane
Concen: 4.275 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.002 min
Lab File: VN069618.D
Acq: 22 Nov 2021 18:45



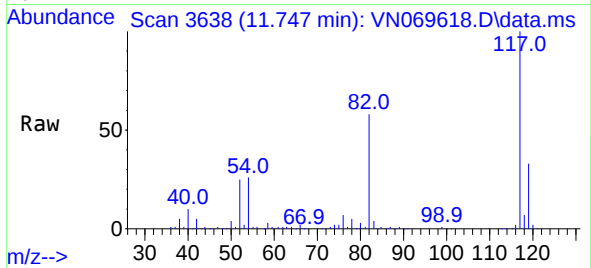
Tgt Ion: 83 Resp: 56998
Ion Ratio Lower Upper
83 100
85 64.1 54.1 81.1
127 8.5 7.6 11.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN069618.D
Acq: 22 Nov 2021 18:45

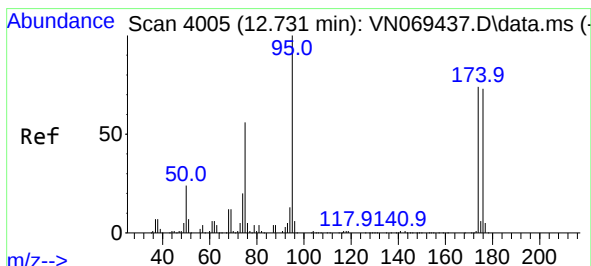
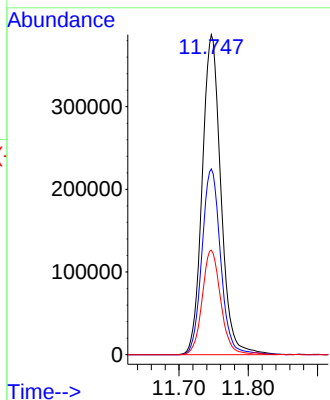
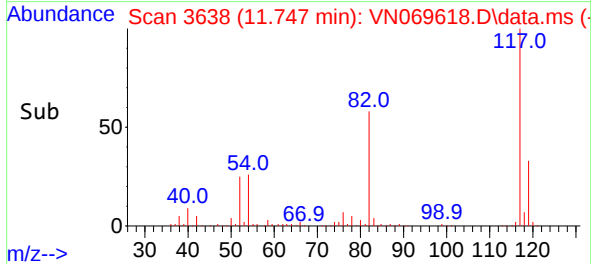
Instrument :
MSVOA_N
ClientSampleId :
14B-4



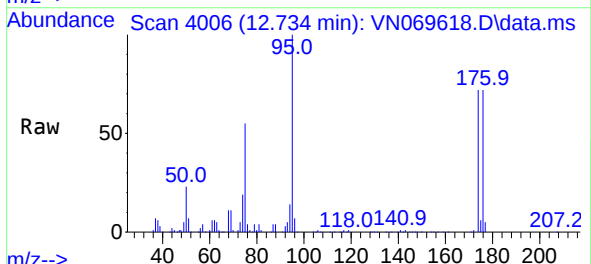
Tgt Ion:117 Resp: 725954
Ion Ratio Lower Upper
117 100
82 58.3 43.6 65.4
119 32.2 25.8 38.6

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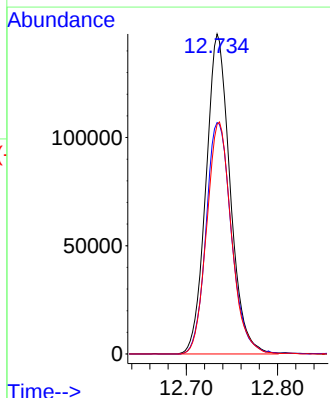
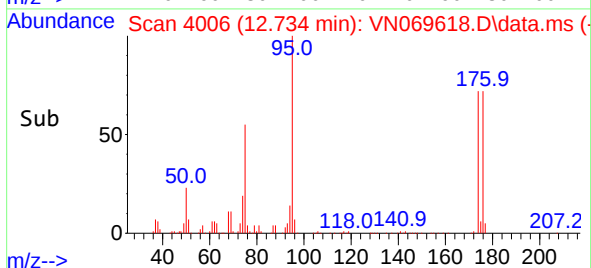
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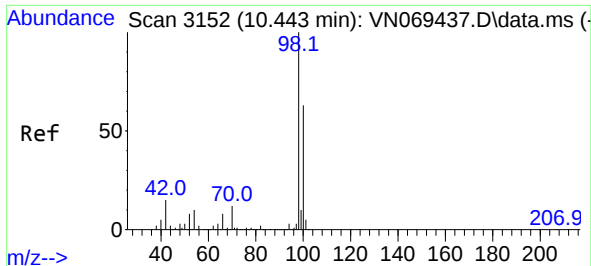


#60
4-Bromofluorobenzene
Concen: 23.394 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069618.D
Acq: 22 Nov 2021 18:45



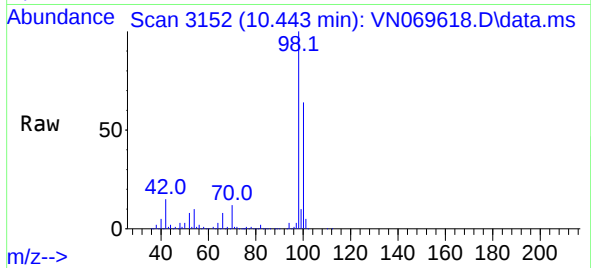
Tgt Ion: 95 Resp: 271774
Ion Ratio Lower Upper
95 100
174 75.7 62.9 94.3
176 74.2 61.0 91.4





#63
Toluene-d8
Concen: 30.926 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069618.D
Acq: 22 Nov 2021 18:45

Instrument :
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Tgt Ion: 98 Resp: 103663
Ion Ratio Lower Upper
98 100
100 63.9 50.6 76.0

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