

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
 Data File : VN069607.D
 Acq On : 22 Nov 2021 14:04
 Operator : JC/MD
 Sample : M4697-01 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 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 03:51:19 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	168832	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	945307	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	798975	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	470105	32.106	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.033%			
60) 4-Bromofluorobenzene	12.734	95	311955	24.399	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 81.333%			
63) Toluene-d8	10.443	98	1144190	31.015	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.400%			
Target Compounds						
15) Acetone	4.299	58	11310m	5.120	ug/l	Qvalue
25) Chloroform	7.820	83	2485896	123.335	ug/l	99
41) Bromodichloromethane	9.762	83	126694	8.672	ug/l	94
53) Dibromochloromethane	11.240	129	3798	0.360	ug/l	60

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

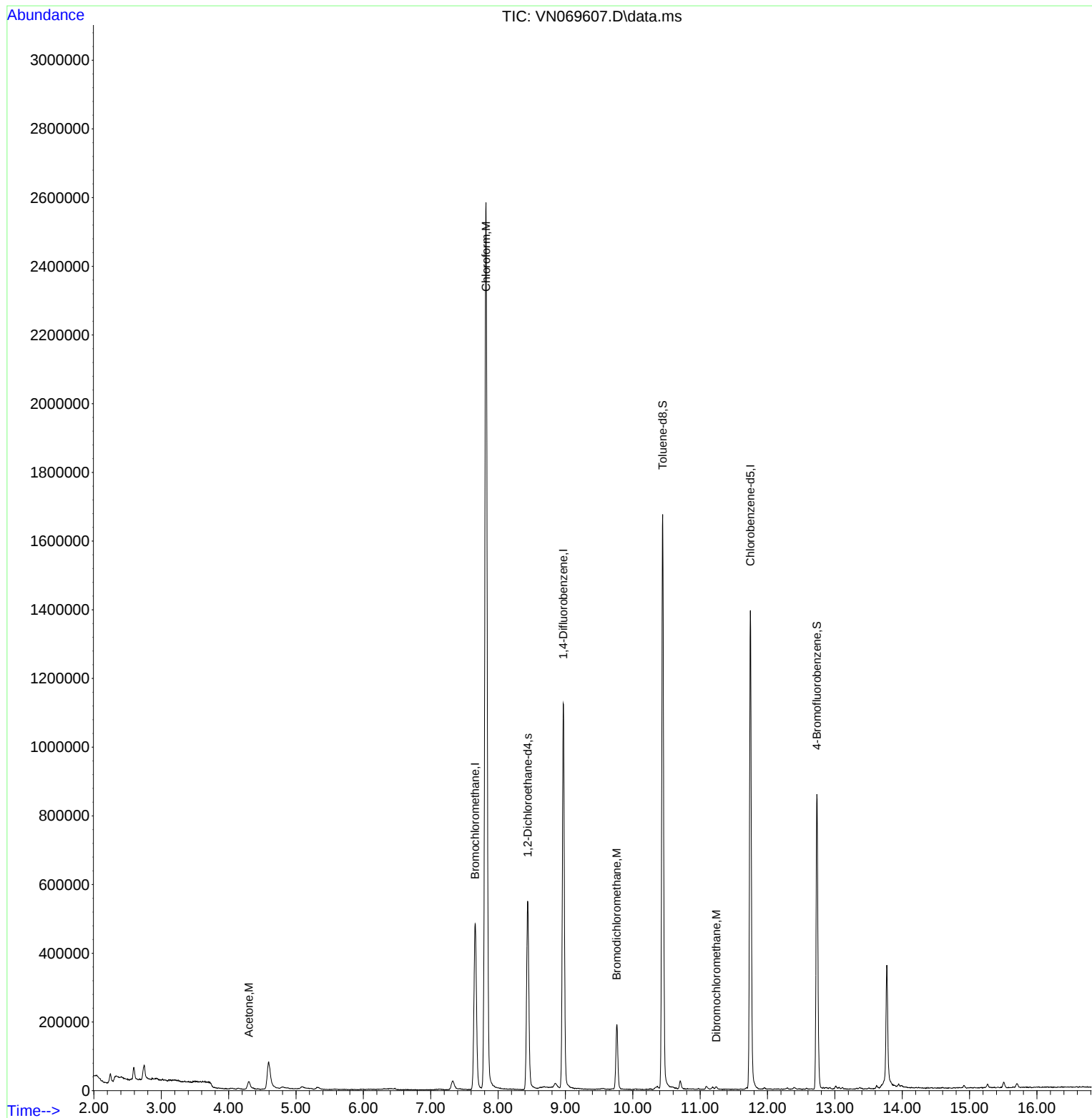
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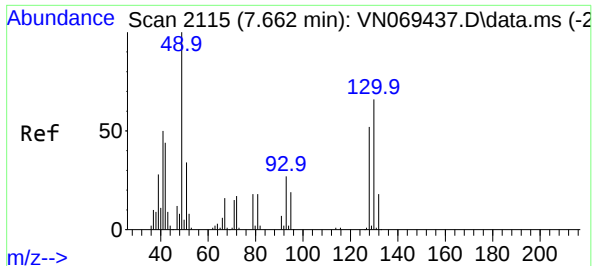
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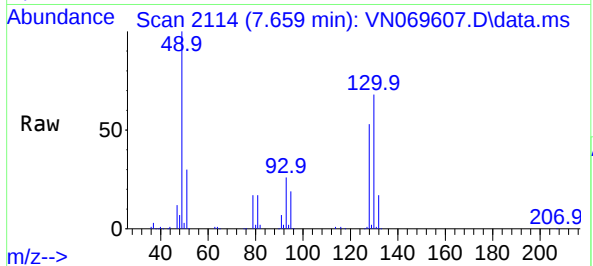
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Nov 10 14:36:17 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VN069607.D
Acq: 22 Nov 2021 14:04

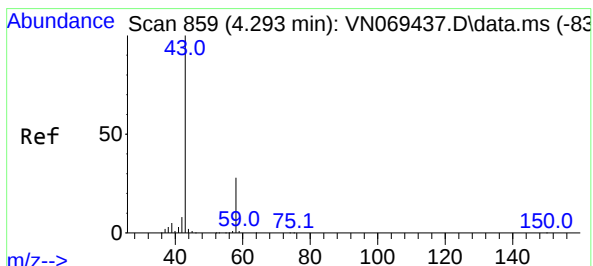
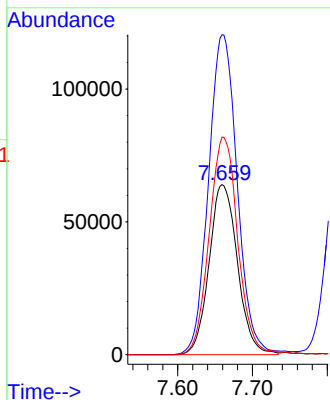
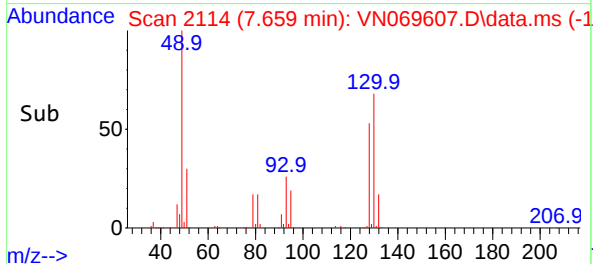
Instrument :
MSVOA_N
ClientSampleId :
14B-1



Tgt Ion:128 Resp: 16883
Ion Ratio Lower Upper
128 100
49 190.2 0.0 392.3
130 129.1 0.0 320.2

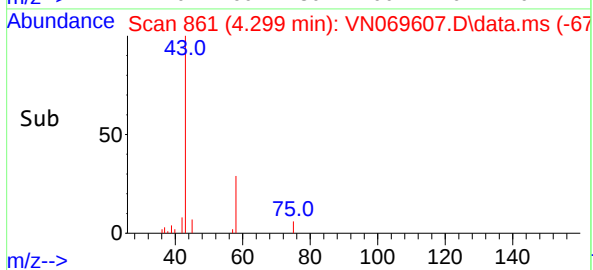
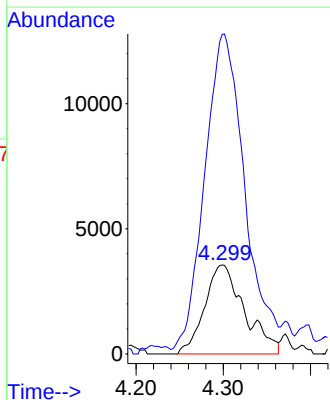
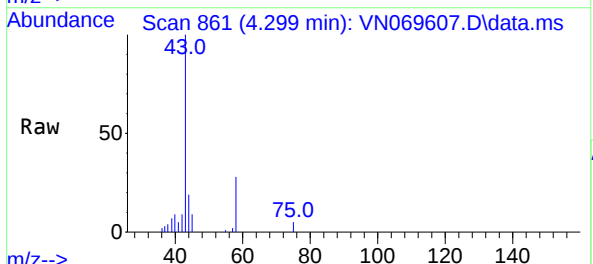
Manual Integrations
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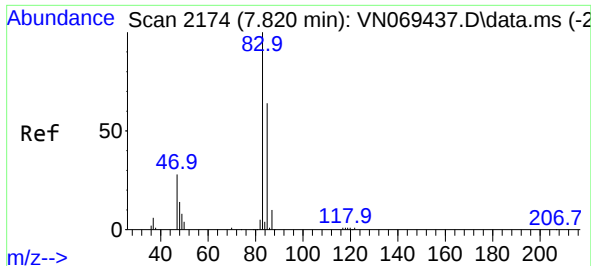
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#15
Acetone
Concen: 5.120 ug/l m
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN069607.D
Acq: 22 Nov 2021 14:04

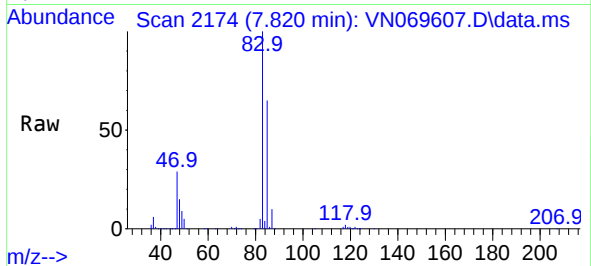
Tgt Ion: 58 Resp: 11310
Ion Ratio Lower Upper
58 100
43 359.0 256.6 384.8





#25
Chloroform
Concen: 123.335 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069607.D
Acq: 22 Nov 2021 14:04

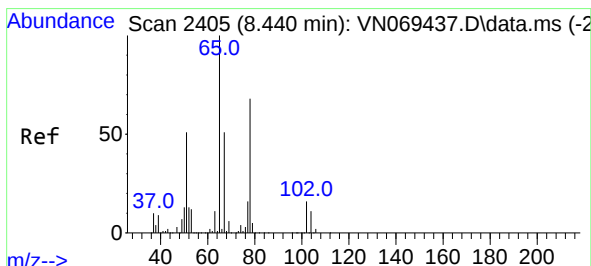
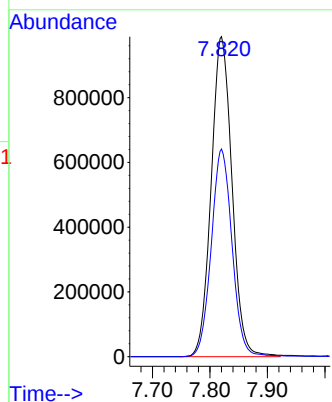
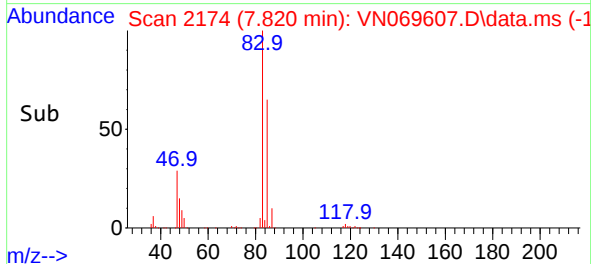
Instrument :
MSVOA_N
ClientSampleId :
14B-1



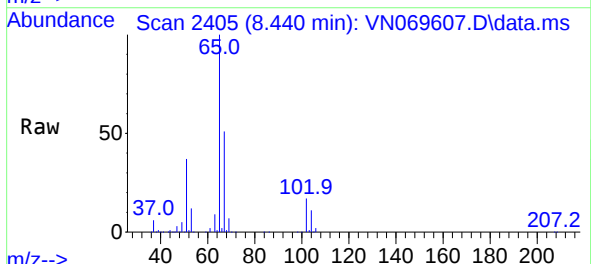
Tgt Ion: 83 Resp: 248589
Ion Ratio Lower Upper
83 100
85 64.9 51.3 76.9

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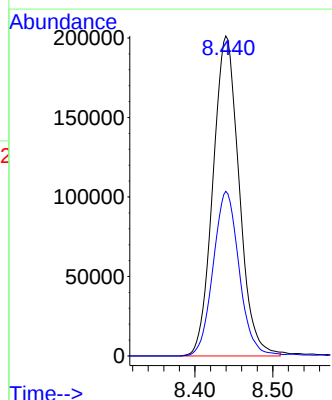
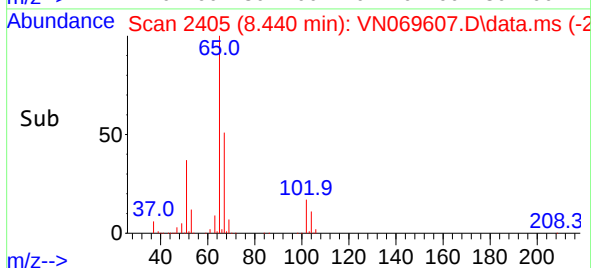
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

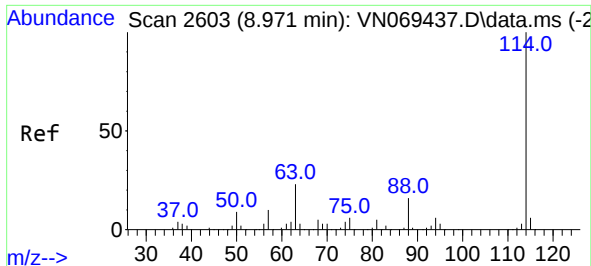


#27
1,2-Dichloroethane-d4
Concen: 32.106 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069607.D
Acq: 22 Nov 2021 14:04



Tgt Ion: 65 Resp: 470105
Ion Ratio Lower Upper
65 100
67 51.0 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.968 min Scan# 20

Delta R.T. -0.003 min

Lab File: VN069607.D

Acq: 22 Nov 2021 14:04

Instrument :

MSVOA_N

ClientSampleId :

14B-1

Tgt Ion:114 Resp: 94530

Ion Ratio Lower Upper

114 100

63 22.9 15.8 23.6

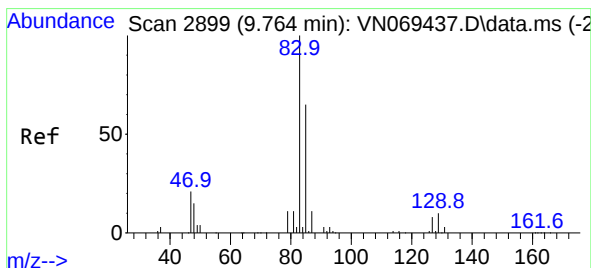
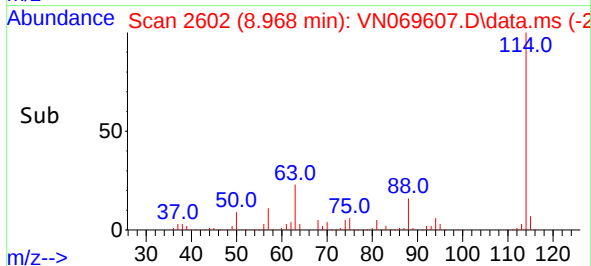
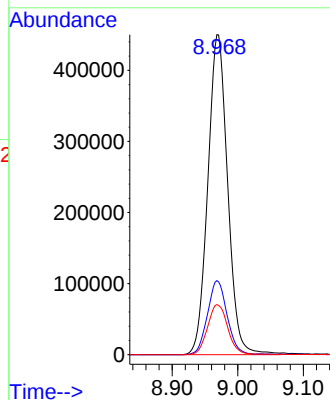
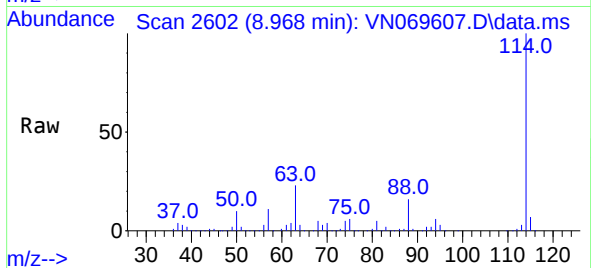
88 15.9 11.6 17.4

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#41

Bromodichloromethane

Concen: 8.672 ug/l

RT: 9.762 min Scan# 2898

Delta R.T. -0.003 min

Lab File: VN069607.D

Acq: 22 Nov 2021 14:04

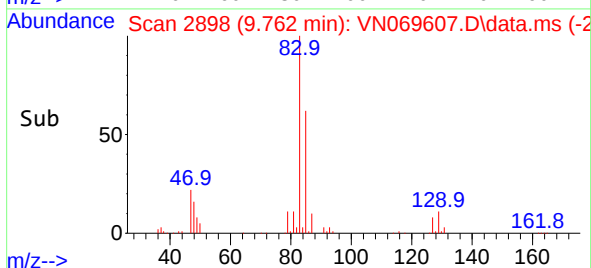
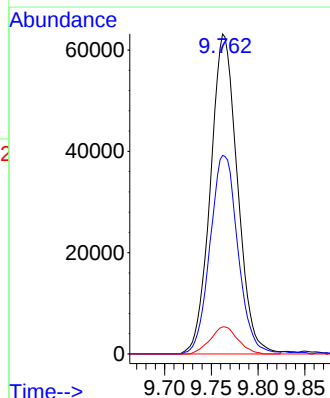
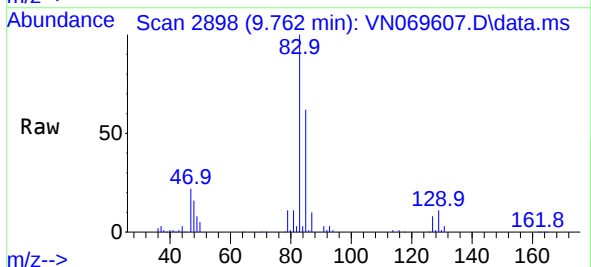
Tgt Ion: 83 Resp: 126694

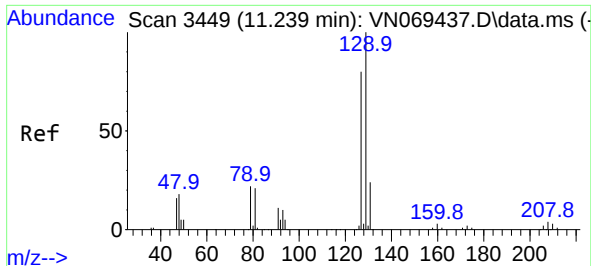
Ion Ratio Lower Upper

83 100

85 62.0 54.1 81.1

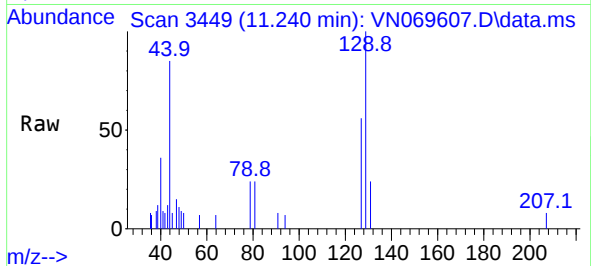
127 8.5 7.6 11.4





#53
Dibromochloromethane
Concen: 0.360 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069607.D
Acq: 22 Nov 2021 14:04

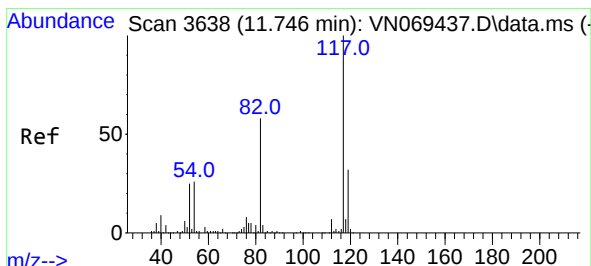
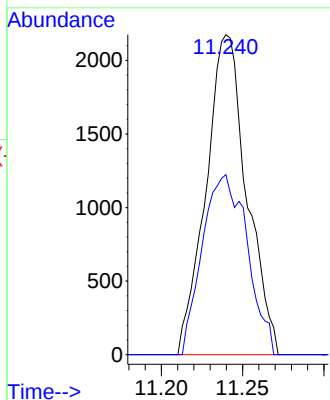
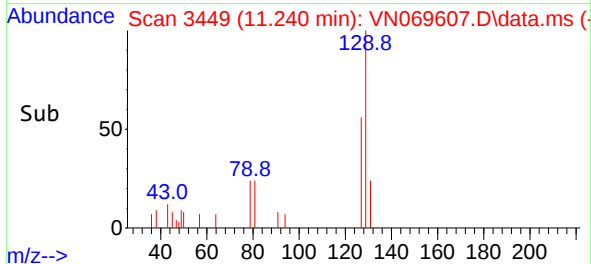
Instrument :
MSVOA_N
ClientSampleId :
14B-1



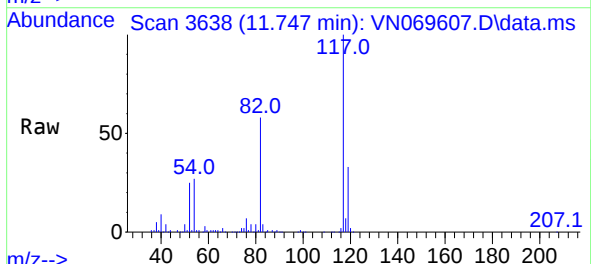
Tgt Ion:129 Resp: 3798
Ion Ratio Lower Upper
129 100
127 43.3 39.0 117.0

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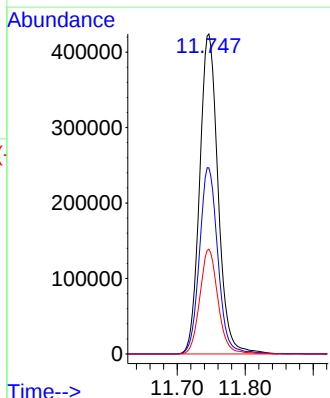
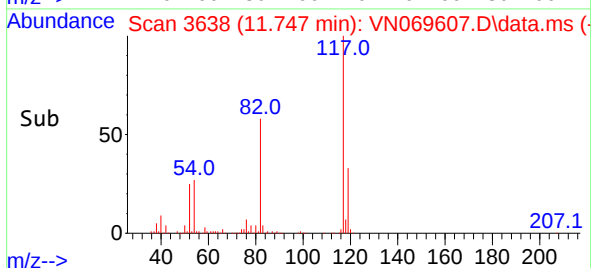
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

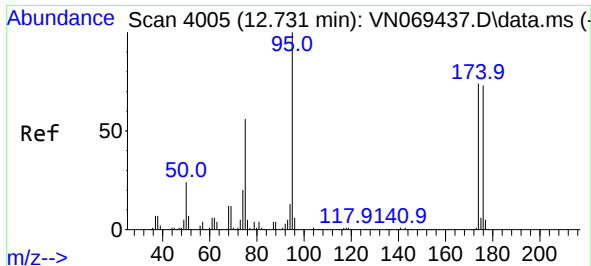


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069607.D
Acq: 22 Nov 2021 14:04



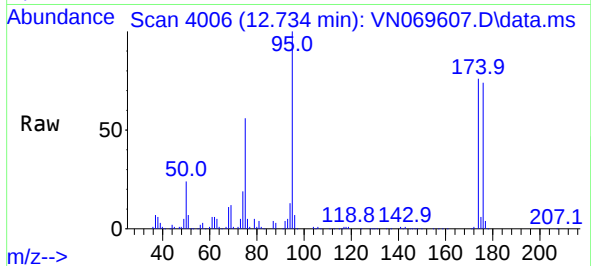
Tgt Ion:117 Resp: 798975
Ion Ratio Lower Upper
117 100
82 57.8 43.6 65.4
119 32.2 25.8 38.6





#60
4-Bromofluorobenzene
Concen: 24.399 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.000 min
Lab File: VN069607.D
Acq: 22 Nov 2021 14:04

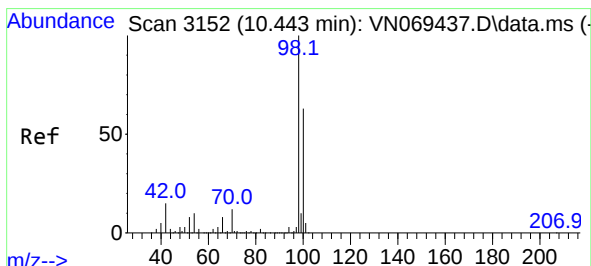
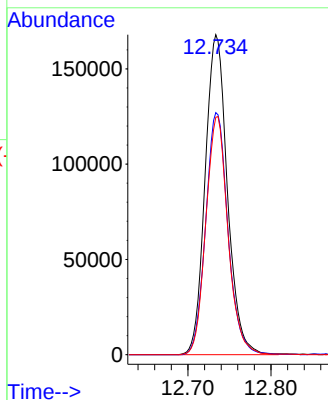
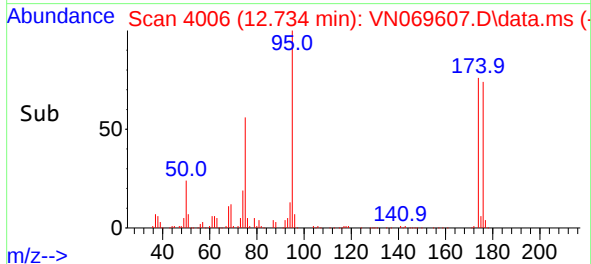
Instrument :
MSVOA_N
ClientSampleId :
14B-1



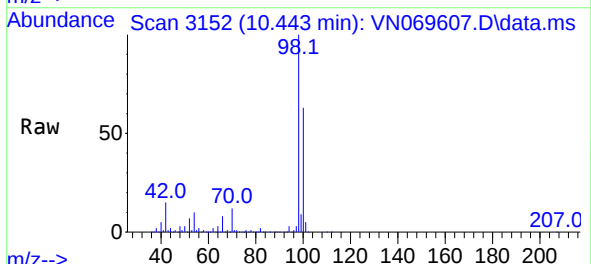
Tgt Ion: 95 Resp: 311958
Ion Ratio Lower Upper
95 100
174 75.8 62.9 94.3
176 74.0 61.0 91.4

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#63
Toluene-d8
Concen: 31.015 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069607.D
Acq: 22 Nov 2021 14:04



Tgt Ion: 98 Resp: 1144190
Ion Ratio Lower Upper
98 100
100 63.4 50.6 76.0

