

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
 Data File : VN069612.D
 Acq On : 22 Nov 2021 16:12
 Operator : JC/MD
 Sample : M4703-01 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 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 03:52:46 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	7.662	128	184763	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	1031906	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	877129	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	511815	31.940	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.467%			
60) 4-Bromofluorobenzene	12.733	95	336065	23.942	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 79.800%			
63) Toluene-d8	10.443	98	1272900	31.430	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.767%			
Target Compounds						
15) Acetone	4.299	58	8621m	3.566	ug/l	Qvalue
25) Chloroform	7.820	83	1751983	79.428	ug/l	99
41) Bromodichloromethane	9.764	83	98902	6.201	ug/l	94
53) Dibromochloromethane	11.248	129	2791	0.242	ug/l	96

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

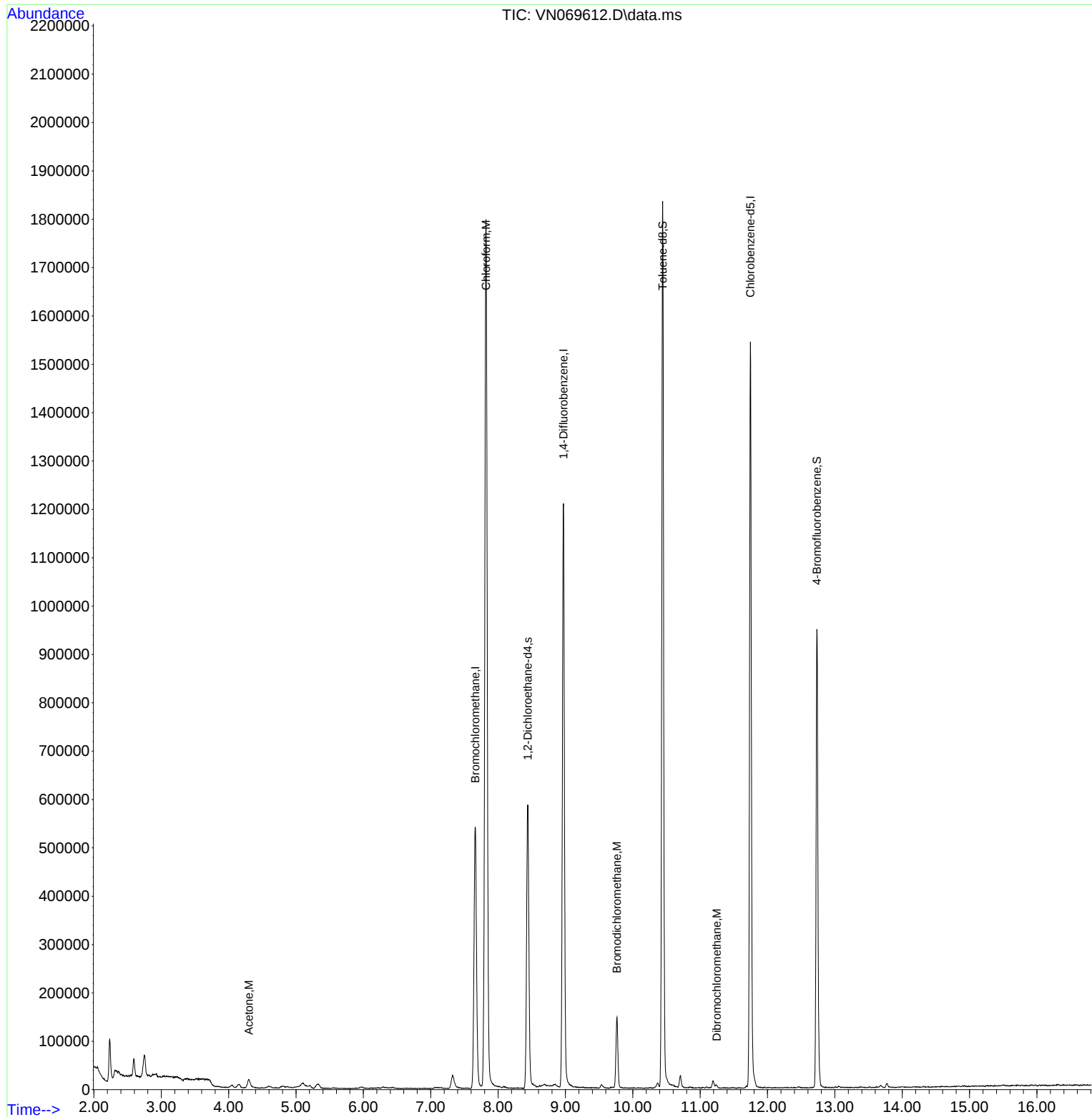
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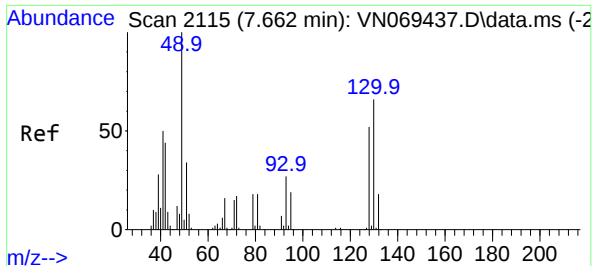
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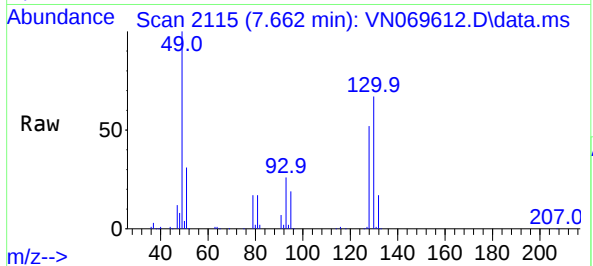
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Nov 10 14:36:17 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VN069612.D
Acq: 22 Nov 2021 16:12

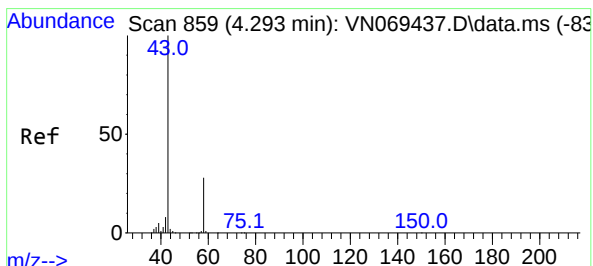
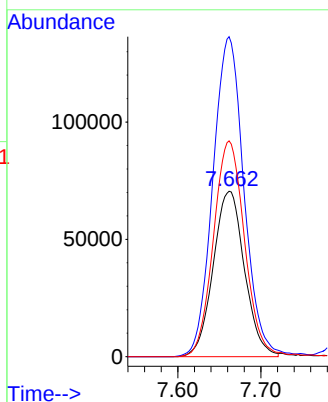
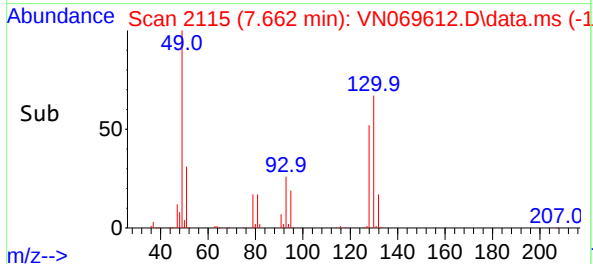
Instrument :
MSVOA_N
ClientSampleId :
14B-1



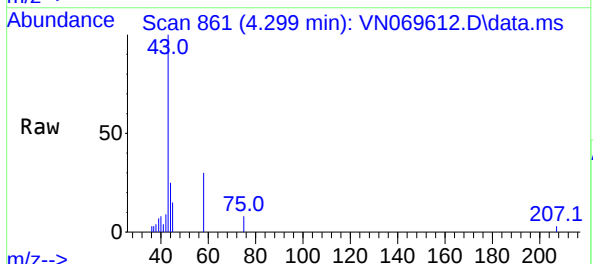
Tgt Ion: 128 Resp: 18476
Ion Ratio Lower Upper
128 100
49 192.1 0.0 392.3
130 129.6 0.0 320.2

Manual Integrations
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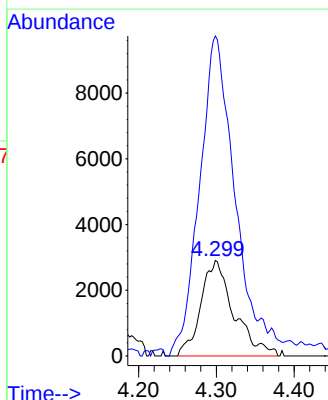
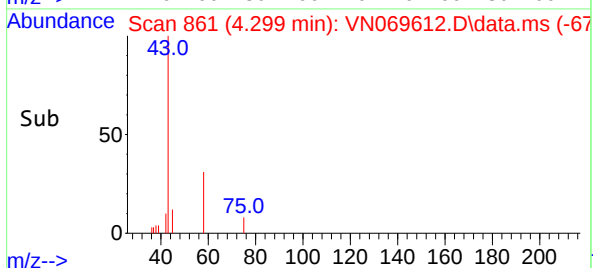
Reviewed By :John Carlone 11/23/2021
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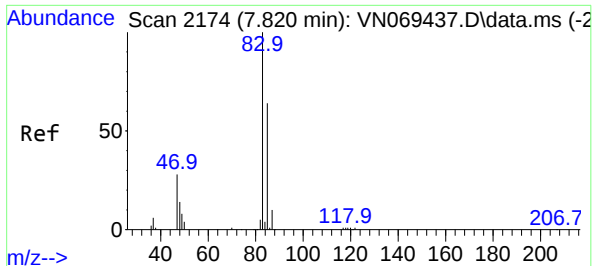


#15
Acetone
Concen: 3.566 ug/l m
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN069612.D
Acq: 22 Nov 2021 16:12



Tgt Ion: 58 Resp: 8621
Ion Ratio Lower Upper
58 100
43 335.1 256.6 384.8





#25

Chloroform

Concen: 79.428 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN069612.D

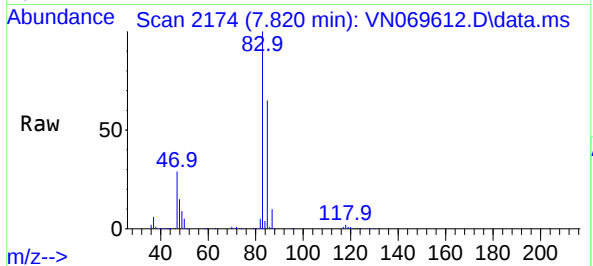
Acq: 22 Nov 2021 16:12

Instrument :

MSVOA_N

ClientSampleId :

14B-1



Tgt Ion: 83 Resp: 175198

Ion Ratio Lower Upper

83 100

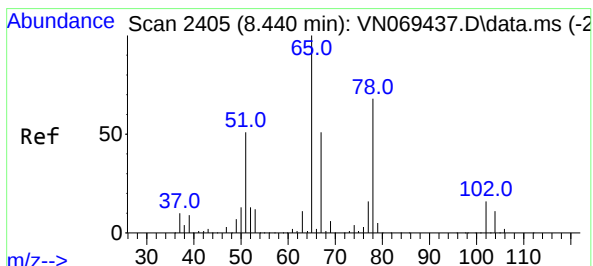
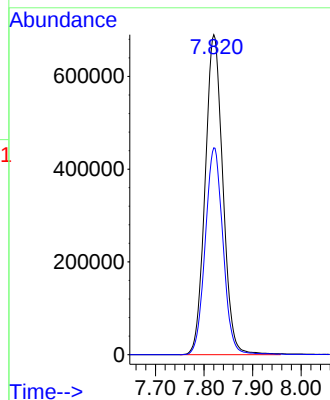
85 64.7 51.3 76.9

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#27

1,2-Dichloroethane-d4

Concen: 31.940 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VN069612.D

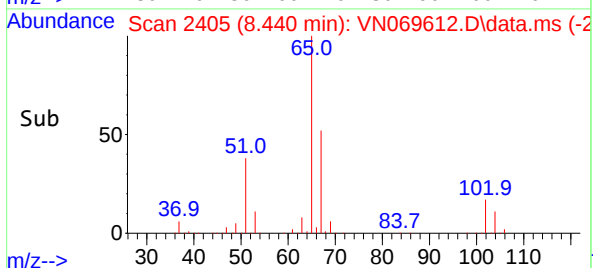
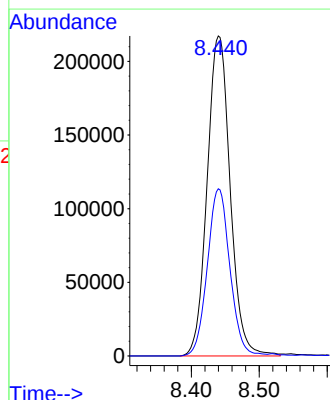
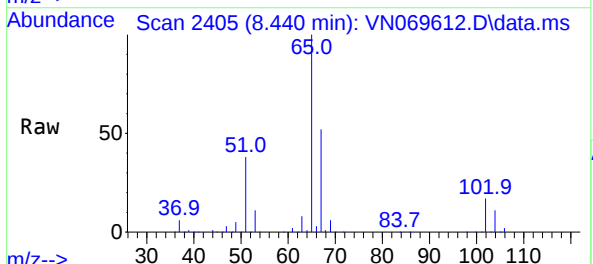
Acq: 22 Nov 2021 16:12

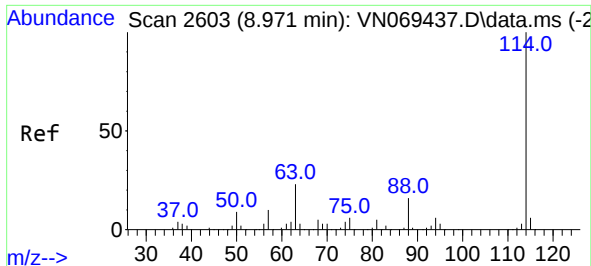
Tgt Ion: 65 Resp: 511815

Ion Ratio Lower Upper

65 100

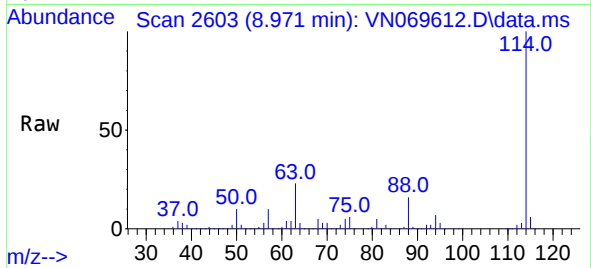
67 50.8 40.2 60.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN069612.D
Acq: 22 Nov 2021 16:12

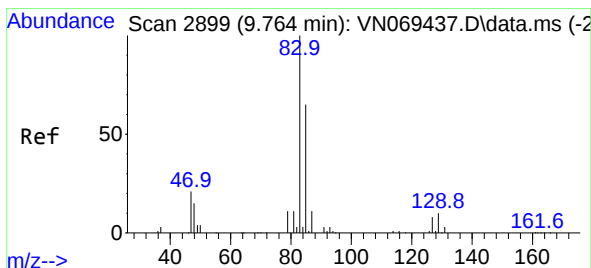
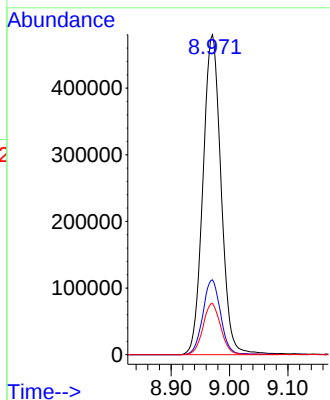
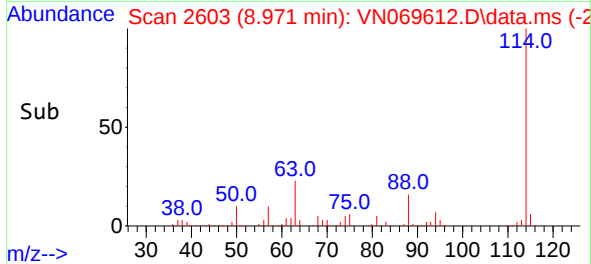
Instrument :
MSVOA_N
ClientSampleId :
14B-1



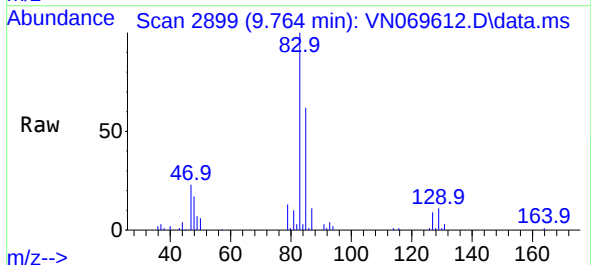
Tgt Ion:114 Resp: 1031900
Ion Ratio Lower Upper
114 100
63 22.9 15.8 23.6
88 15.7 11.6 17.4

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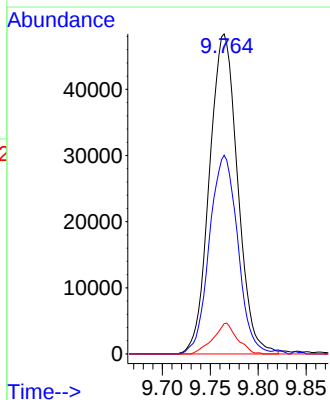
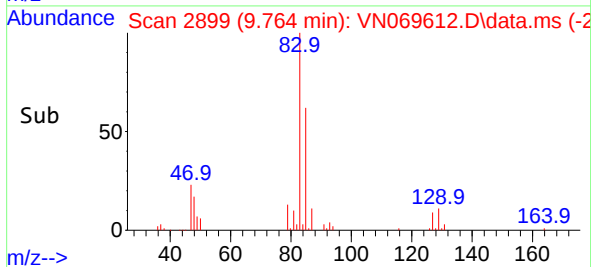
Reviewed By :John Carlone 11/23/2021
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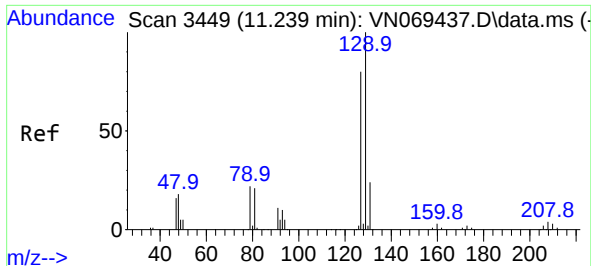


#41
Bromodichloromethane
Concen: 6.201 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN069612.D
Acq: 22 Nov 2021 16:12



Tgt Ion: 83 Resp: 98902
Ion Ratio Lower Upper
83 100
85 62.1 54.1 81.1
127 9.5 7.6 11.4





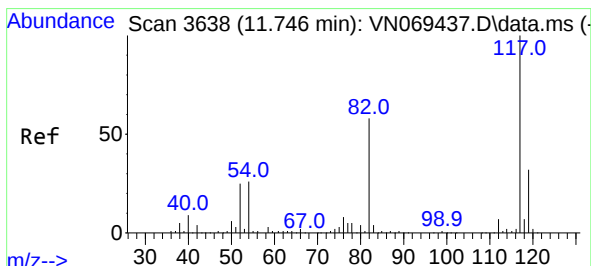
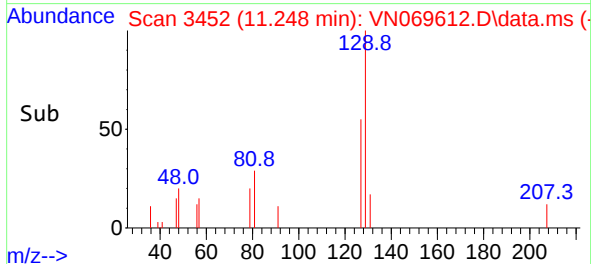
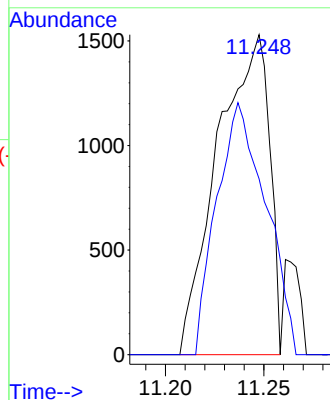
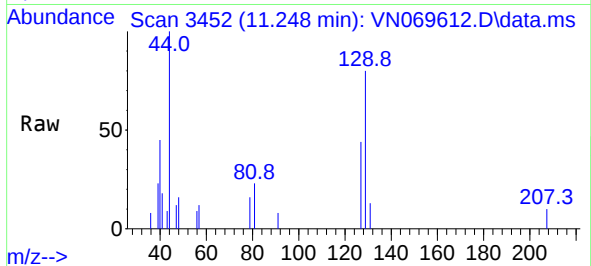
#53
Dibromochloromethane
Concen: 0.242 ug/l
RT: 11.248 min Scan# 3449
Delta R.T. 0.008 min
Lab File: VN069612.D
Acq: 22 Nov 2021 16:12

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:129 Resp: 279
Ion Ratio Lower Upper
129 100
127 74.8 39.0 117.0

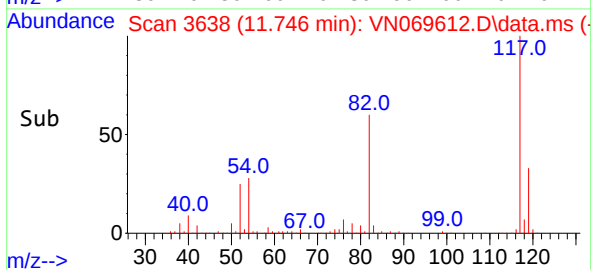
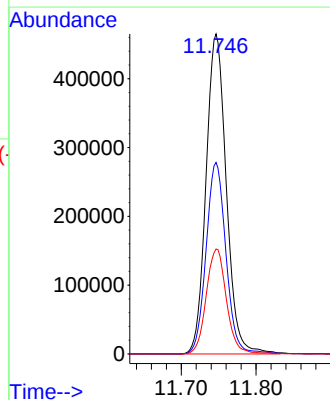
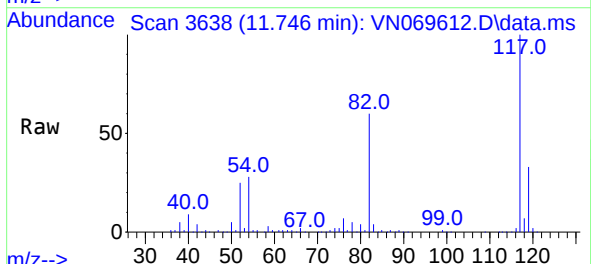
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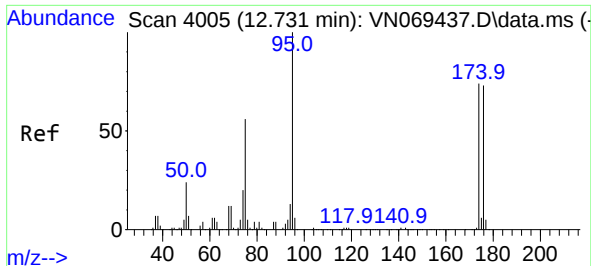
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069612.D
Acq: 22 Nov 2021 16:12

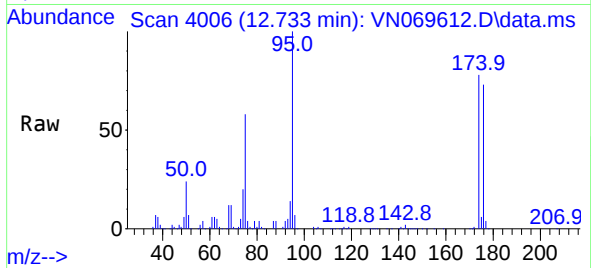
Tgt Ion:117 Resp: 877129
Ion Ratio Lower Upper
117 100
82 58.8 43.6 65.4
119 32.6 25.8 38.6





#60
4-Bromofluorobenzene
Concen: 23.942 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.000 min
Lab File: VN069612.D
Acq: 22 Nov 2021 16:12

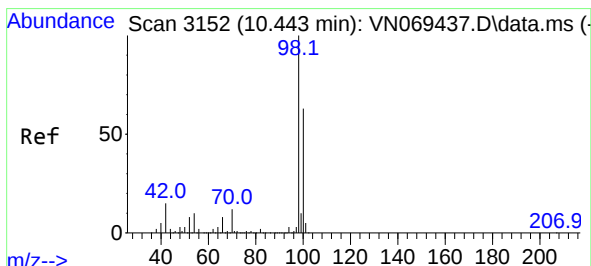
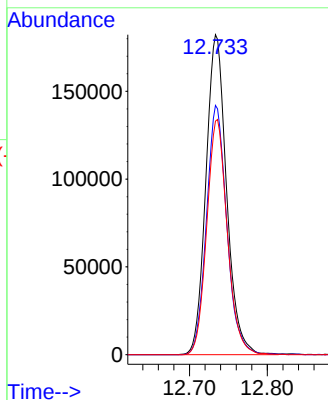
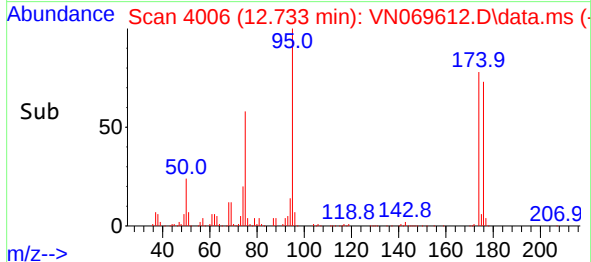
Instrument :
MSVOA_N
ClientSampleId :
14B-1



Tgt Ion: 95 Resp: 33606
Ion Ratio Lower Upper
95 100
174 76.6 62.9 94.3
176 72.9 61.0 91.4

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#63
Toluene-d8
Concen: 31.430 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069612.D
Acq: 22 Nov 2021 16:12

Tgt Ion: 98 Resp: 1272900
Ion Ratio Lower Upper
98 100
100 62.9 50.6 76.0

