

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
 Data File : VN069608.D
 Acq On : 22 Nov 2021 14:30
 Operator : JC/MD
 Sample : M4697-02 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Manual Integrations
 APPROVED

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

Quant Time: Nov 23 03:51:36 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	162555	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	899184	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	759120	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	441893	31.344	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	104.467%		
60) 4-Bromofluorobenzene	12.733	95	292101	24.045	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	80.167%		
63) Toluene-d8	10.443	98	1080800	30.835	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.800%		
Target Compounds						
15) Acetone	4.291	58	6080m	2.859	ug/l	Qvalue
25) Chloroform	7.820	83	2367703	122.007	ug/l	99
41) Bromodichloromethane	9.765	83	119418	8.593	ug/l #	93
53) Dibromochloromethane	11.240	129	3454	0.344	ug/l	94

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

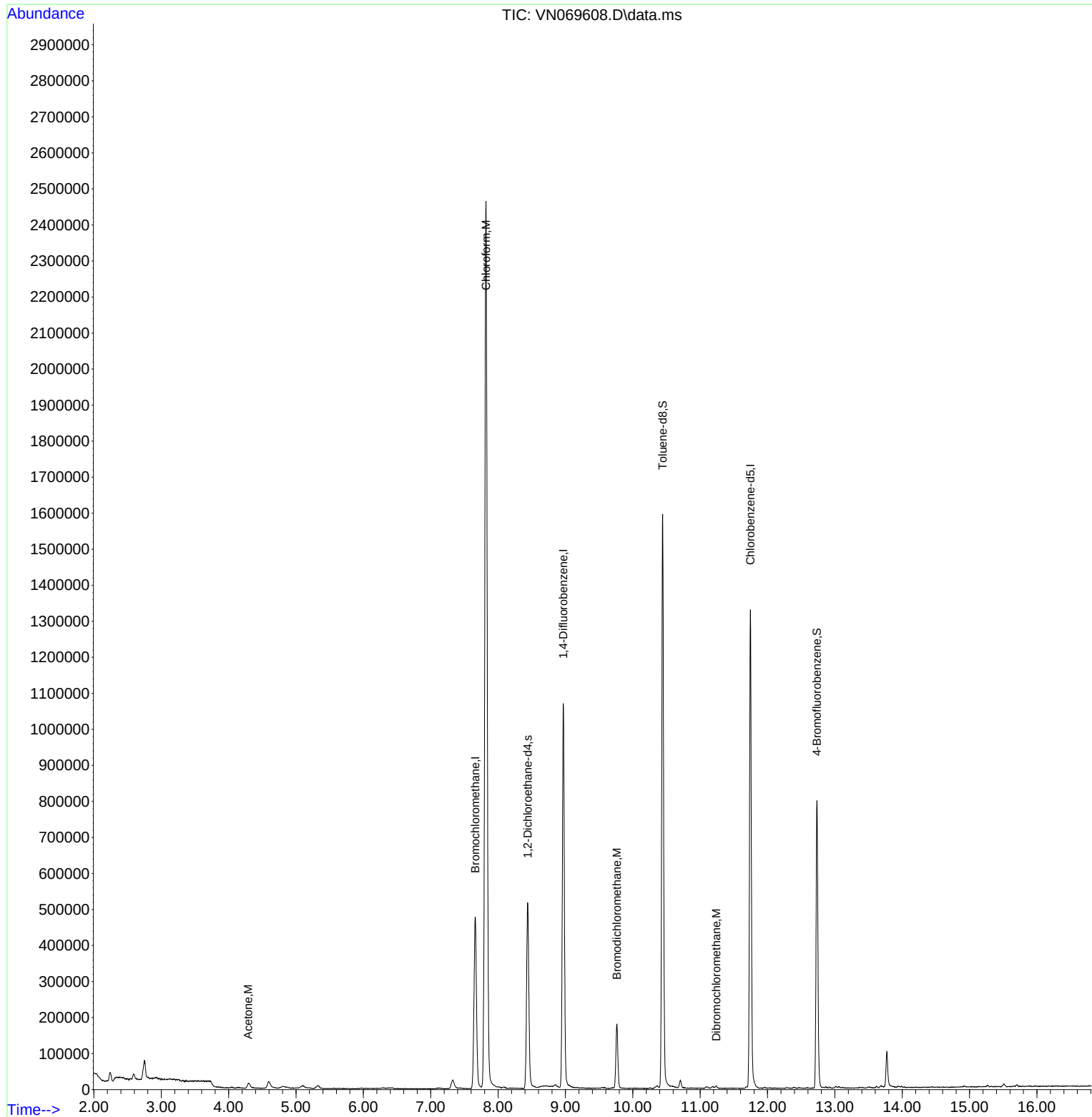
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
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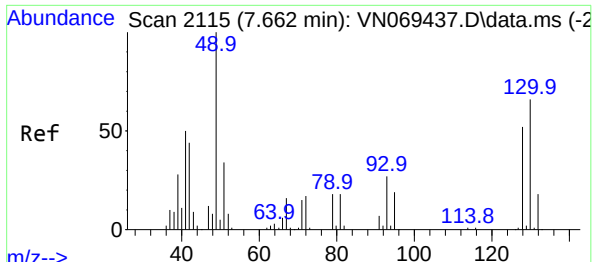
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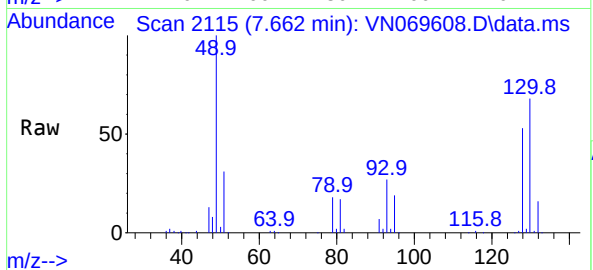
Quant Time: Nov 23 03:51:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Nov 10 14:36:17 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VN069608.D
Acq: 22 Nov 2021 14:30

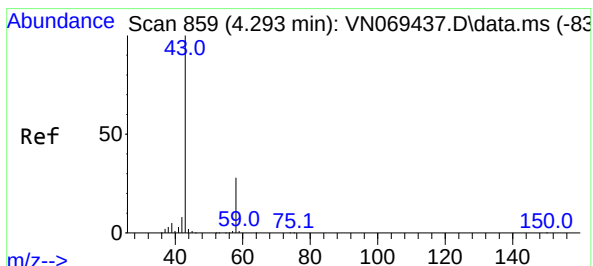
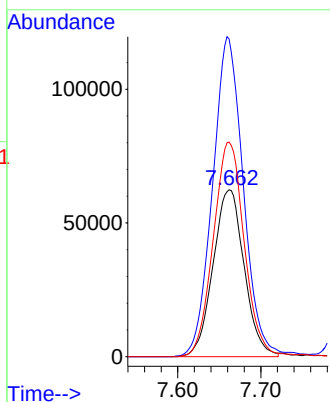
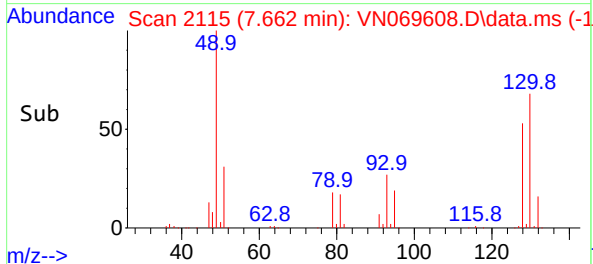
Instrument :
MSVOA_N
ClientSampleId :
14B-2



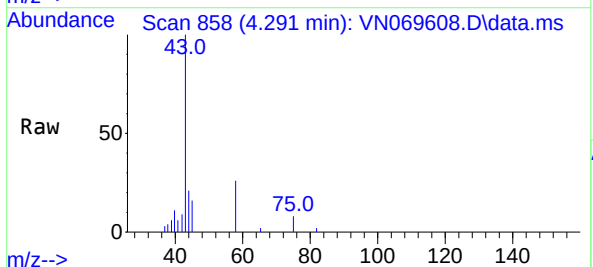
Tgt Ion:128 Resp: 16255
Ion Ratio Lower Upper
128 100
49 188.6 0.0 392.3
130 127.6 0.0 320.2

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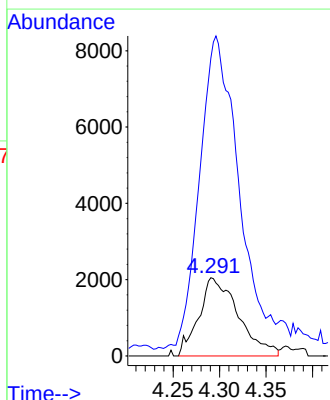
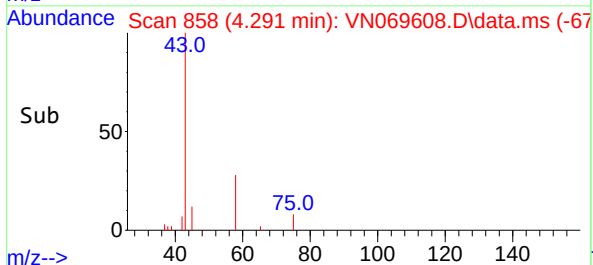
Reviewed By :John Carlone 11/23/2021
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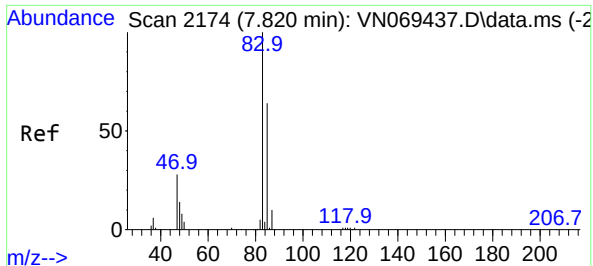


#15
Acetone
Concen: 2.859 ug/l m
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069608.D
Acq: 22 Nov 2021 14:30



Tgt Ion: 58 Resp: 6080
Ion Ratio Lower Upper
58 100
43 380.4 256.6 384.8





#25

Chloroform

Concen: 122.007 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN069608.D

Acq: 22 Nov 2021 14:30

Instrument :

MSVOA_N

ClientSampleId :

14B-2

Tgt Ion: 83 Resp: 236770

Ion Ratio Lower Upper

83 100

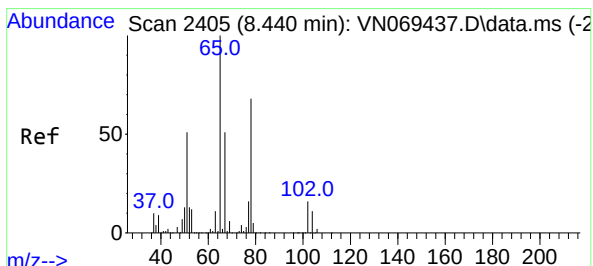
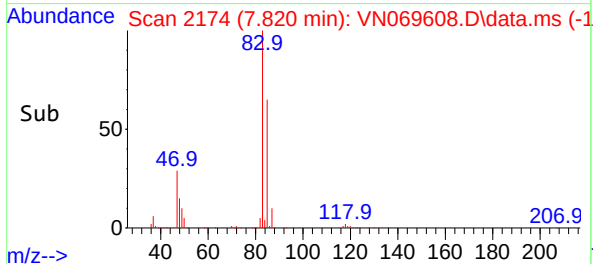
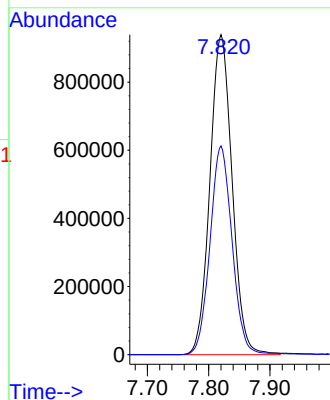
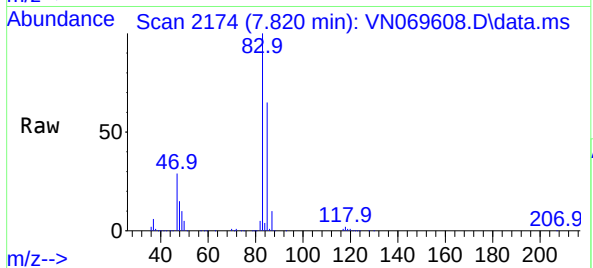
85 65.2 51.3 76.9

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#27

1,2-Dichloroethane-d4

Concen: 31.344 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VN069608.D

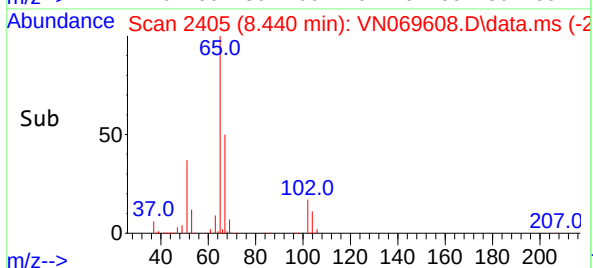
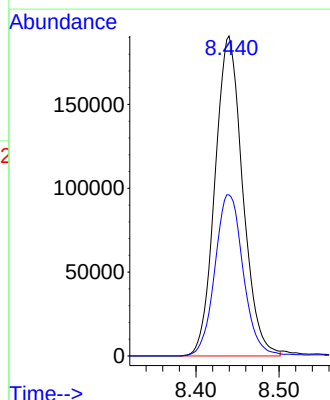
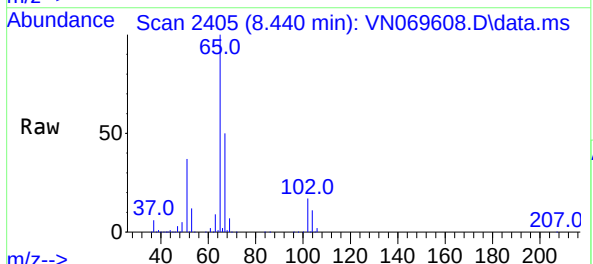
Acq: 22 Nov 2021 14:30

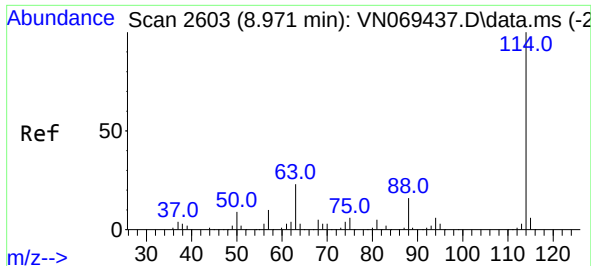
Tgt Ion: 65 Resp: 441893

Ion Ratio Lower Upper

65 100

67 51.5 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.003 min

Lab File: VN069608.D

Acq: 22 Nov 2021 14:30

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:114 Resp: 899184

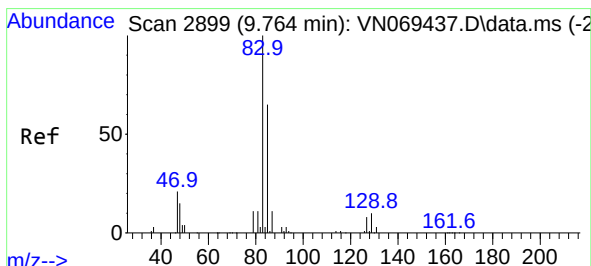
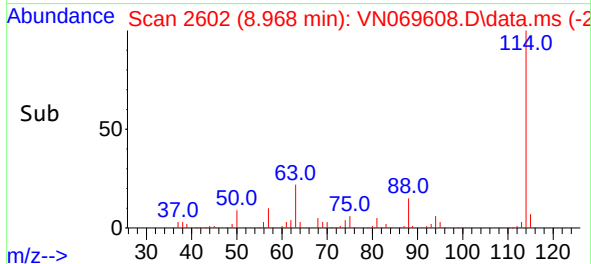
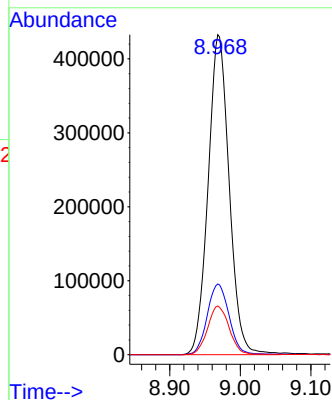
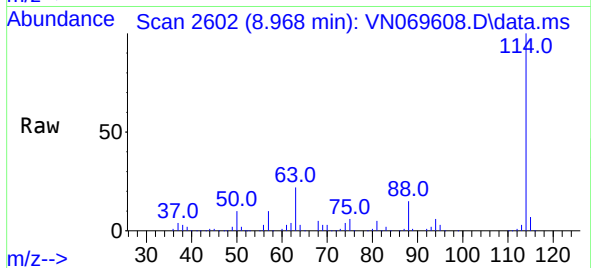
Ion	Ratio	Lower	Upper
114	100		
63	22.9	15.8	23.6
88	15.5	11.6	17.4

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#41

Bromodichloromethane

Concen: 8.593 ug/l

RT: 9.765 min Scan# 2899

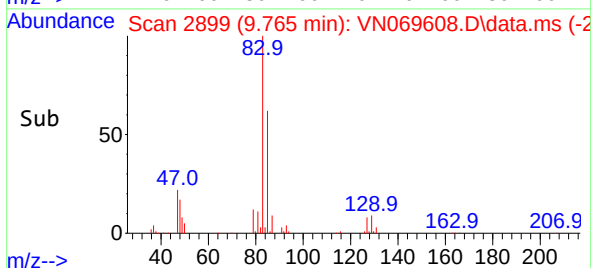
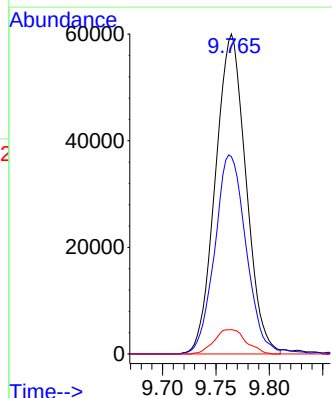
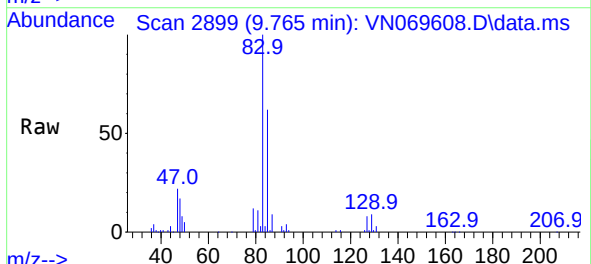
Delta R.T. 0.000 min

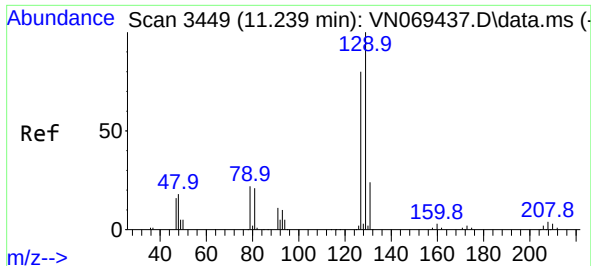
Lab File: VN069608.D

Acq: 22 Nov 2021 14:30

Tgt Ion: 83 Resp: 119418

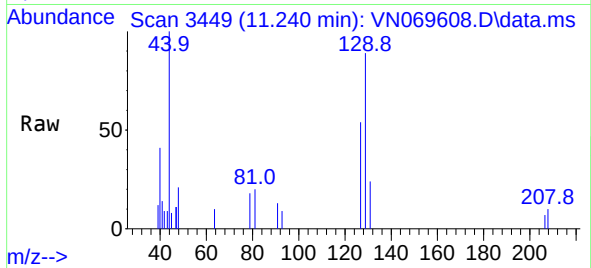
Ion	Ratio	Lower	Upper
83	100		
85	61.6	54.1	81.1
127	7.6	7.6	11.4





#53
Dibromochloromethane
Concen: 0.344 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069608.D
Acq: 22 Nov 2021 14:30

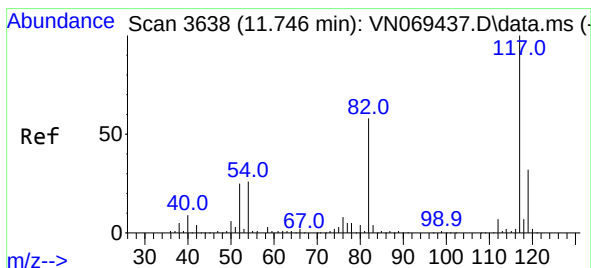
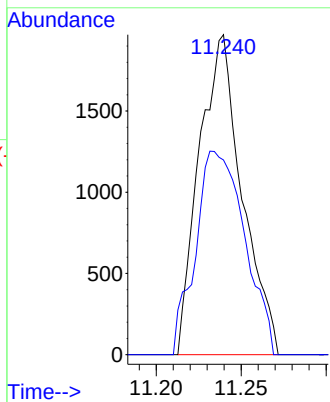
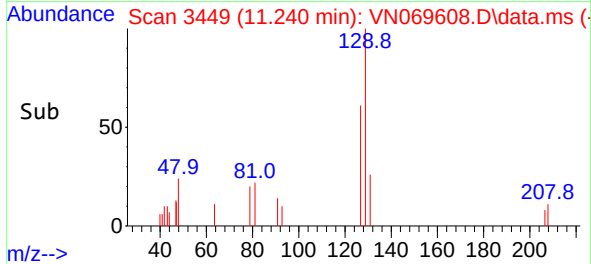
Instrument :
MSVOA_N
ClientSampleId :
14B-2



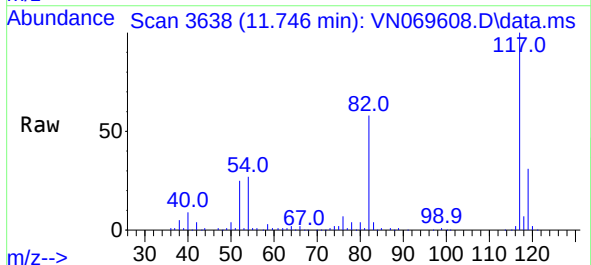
Tgt Ion:129 Resp: 3454
Ion Ratio Lower Upper
129 100
127 72.9 39.0 117.0

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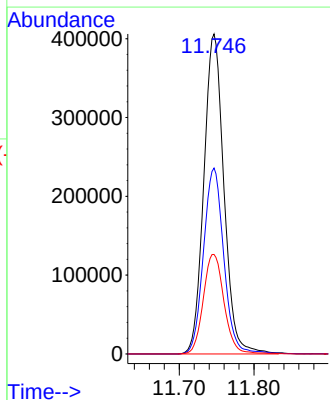
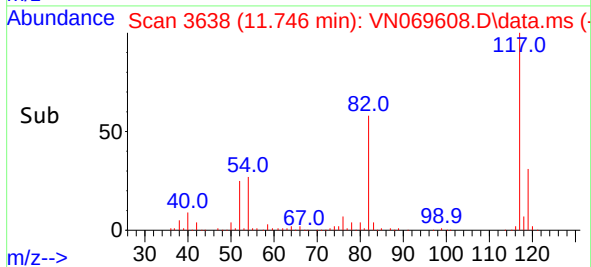
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

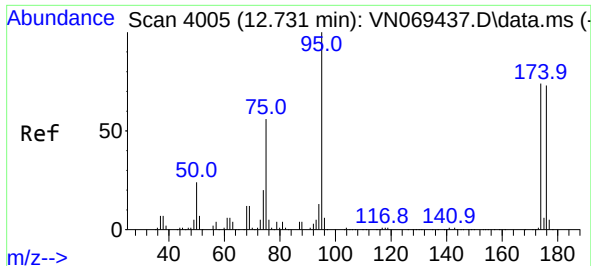


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069608.D
Acq: 22 Nov 2021 14:30



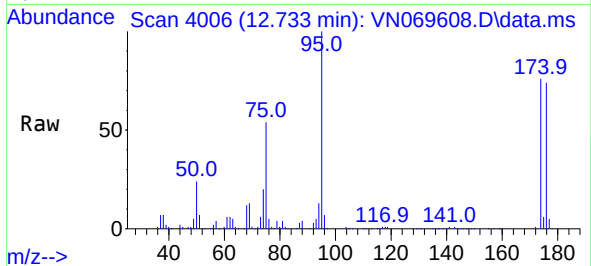
Tgt Ion:117 Resp: 759120
Ion Ratio Lower Upper
117 100
82 59.0 43.6 65.4
119 32.0 25.8 38.6





#60
4-Bromofluorobenzene
Concen: 24.045 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.000 min
Lab File: VN069608.D
Acq: 22 Nov 2021 14:30

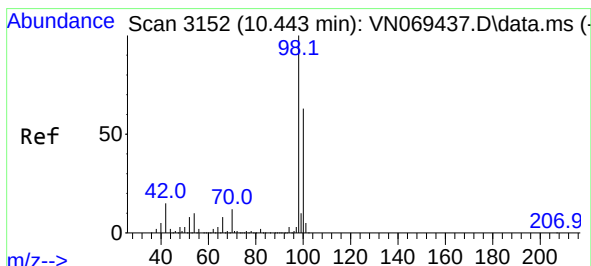
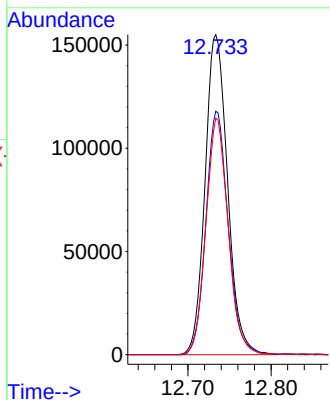
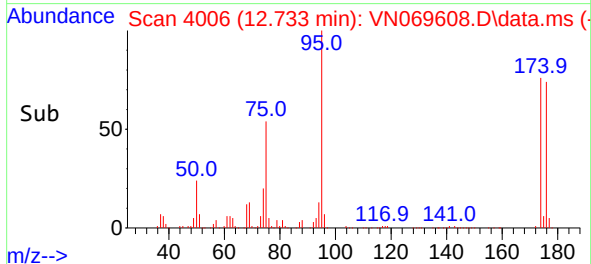
Instrument :
MSVOA_N
ClientSampleId :
14B-2



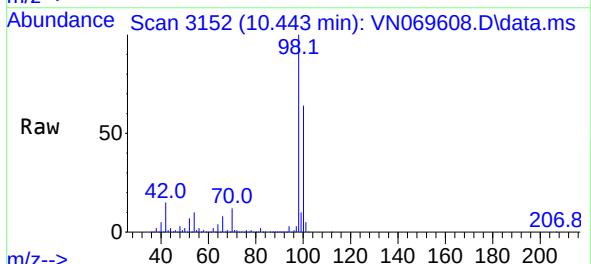
Tgt Ion: 95 Resp: 29210
Ion Ratio Lower Upper
95 100
174 75.3 62.9 94.3
176 72.6 61.0 91.4

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#63
Toluene-d8
Concen: 30.835 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069608.D
Acq: 22 Nov 2021 14:30



Tgt Ion: 98 Resp: 1080800
Ion Ratio Lower Upper
98 100
100 63.7 50.6 76.0

