

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
 Data File : VN069611.D
 Acq On : 22 Nov 2021 15:46
 Operator : JC/MD
 Sample : M4703-03 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Manual Integrations
 APPROVED

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

Quant Time: Nov 23 03:52:30 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	164815	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	907245	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	763103	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	453097	31.698	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.667%			
60) 4-Bromofluorobenzene	12.734	95	283210	23.192	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 77.300%			
63) Toluene-d8	10.443	98	1088239	30.885	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.967%			
Target Compounds						
15) Acetone	4.291	58	4063m	1.884	ug/l	Qvalue
25) Chloroform	7.820	83	1669846	84.867	ug/l	99
41) Bromodichloromethane	9.765	83	91216	6.505	ug/l	97
53) Dibromochloromethane	11.242	129	2627	0.259	ug/l	94

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

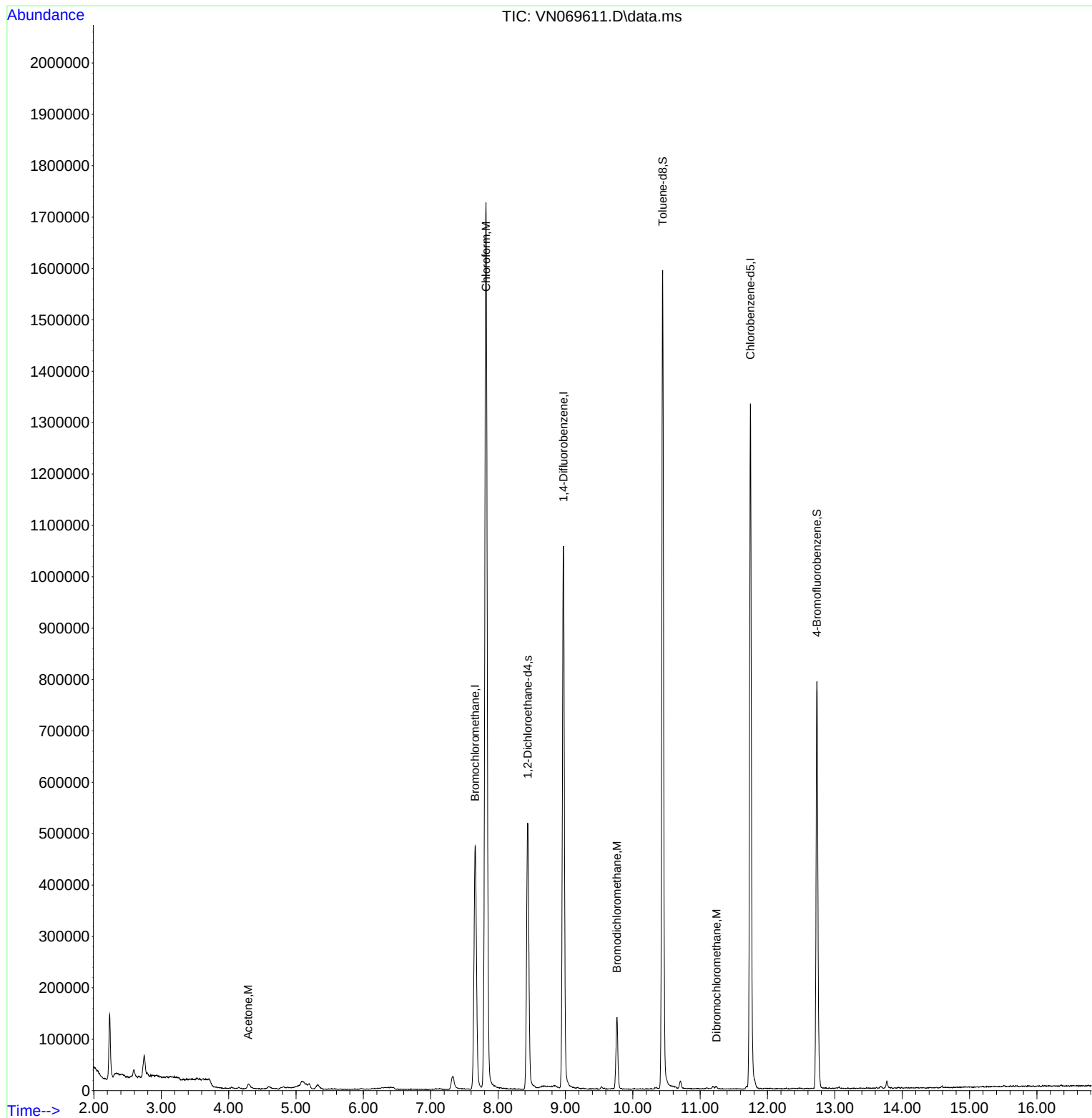
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
Data File : VN069611.D
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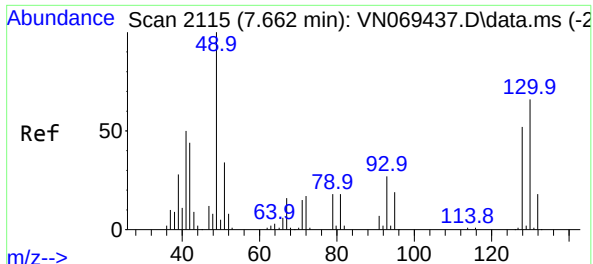
Instrument :
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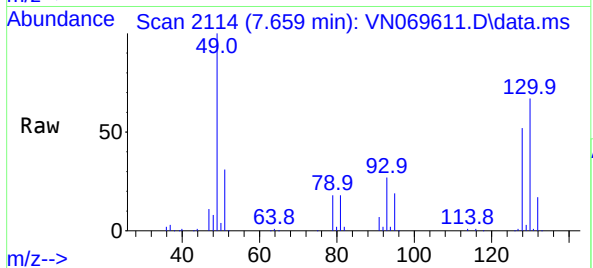
Quant Time: Nov 23 03:52:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Nov 10 14:36:17 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VN069611.D
Acq: 22 Nov 2021 15:46

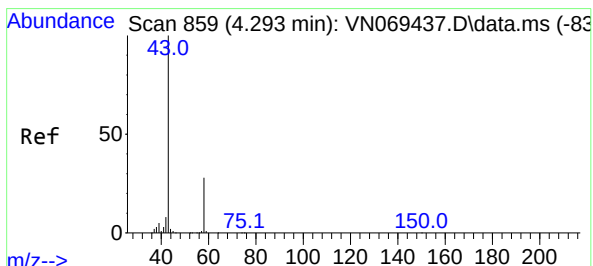
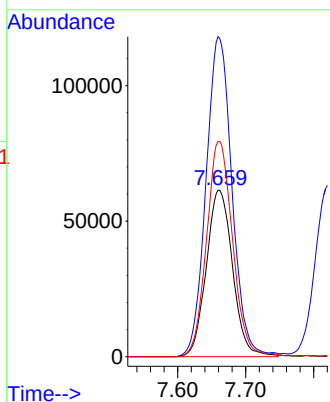
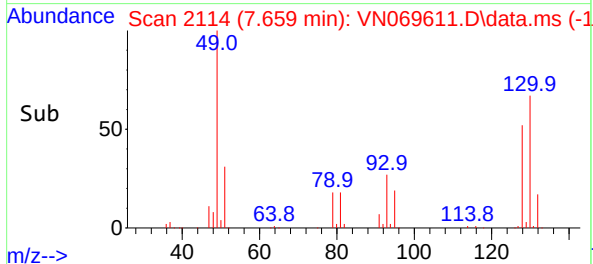
Instrument :
MSVOA_N
ClientSampleId :
14B-3



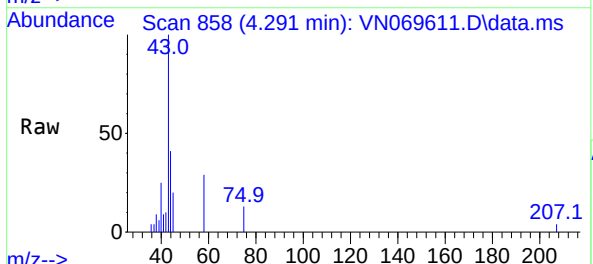
Tgt Ion:128 Resp: 16481
Ion Ratio Lower Upper
128 100
49 189.3 0.0 392.3
130 127.9 0.0 320.2

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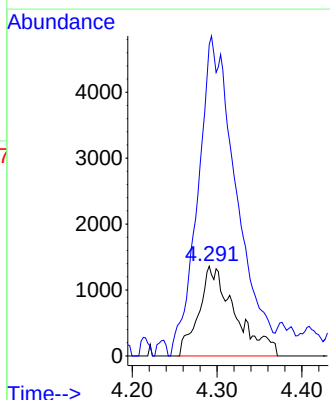
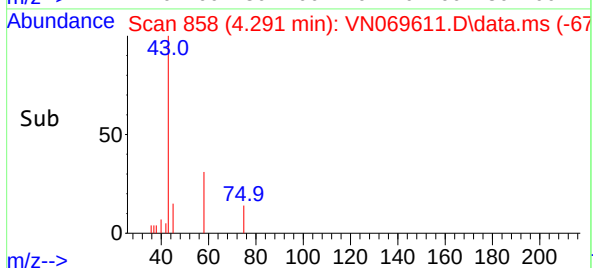
Reviewed By :John Carlone 11/23/2021
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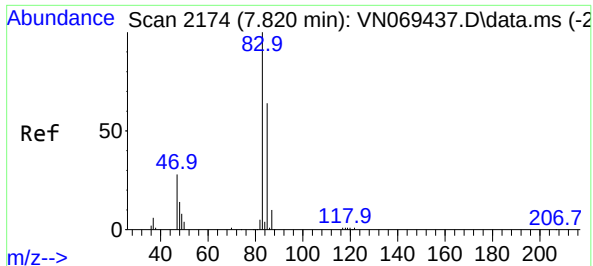


#15
Acetone
Concen: 1.884 ug/l m
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069611.D
Acq: 22 Nov 2021 15:46



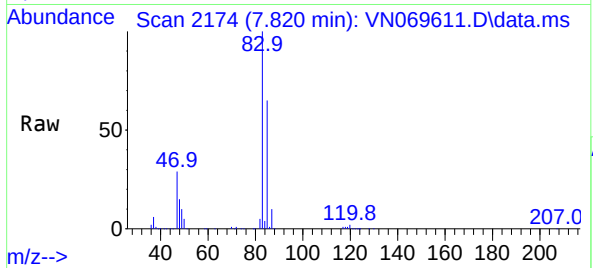
Tgt Ion: 58 Resp: 4063
Ion Ratio Lower Upper
58 100
43 346.8 256.6 384.8





#25
Chloroform
Concen: 84.867 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069611.D
Acq: 22 Nov 2021 15:46

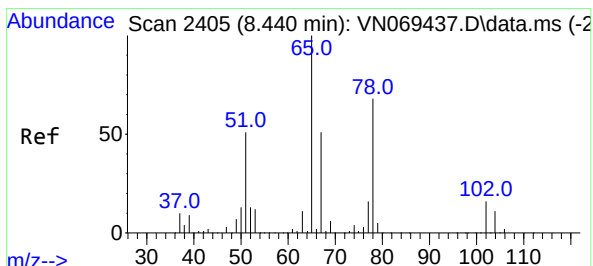
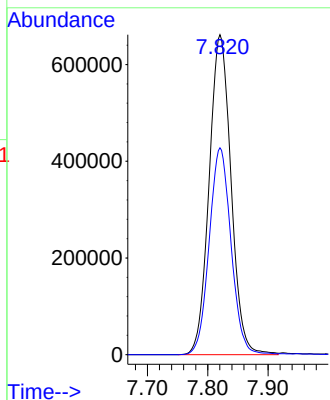
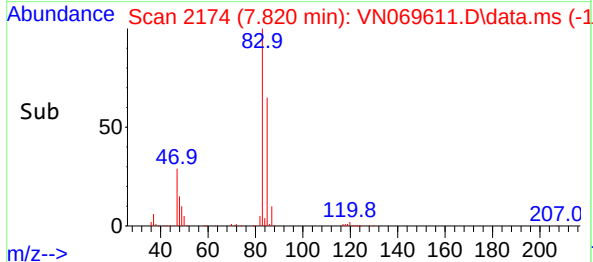
Instrument :
MSVOA_N
ClientSampleId :
14B-3



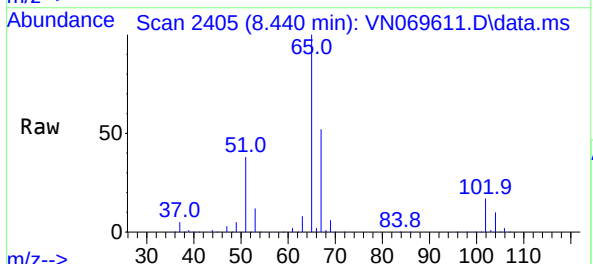
Tgt Ion: 83 Resp: 166984
Ion Ratio Lower Upper
83 100
85 64.7 51.3 76.9

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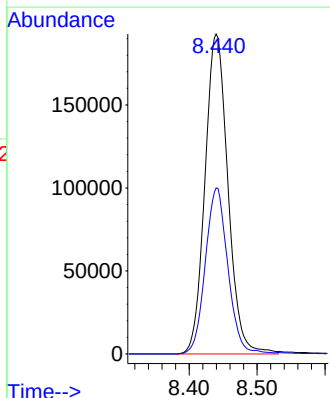
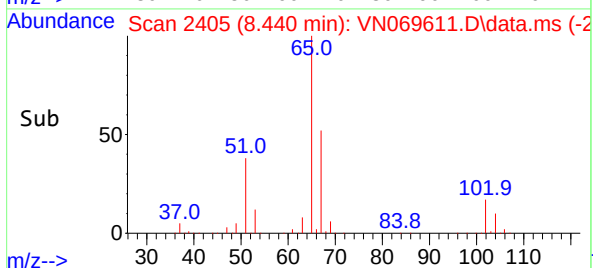
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

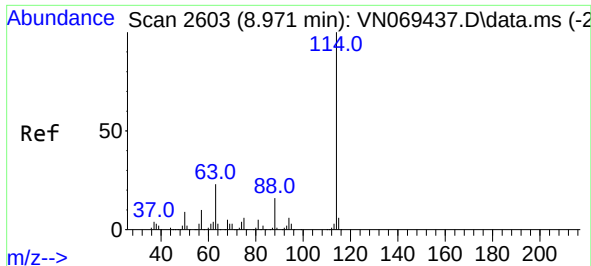


#27
1,2-Dichloroethane-d4
Concen: 31.698 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069611.D
Acq: 22 Nov 2021 15:46



Tgt Ion: 65 Resp: 453097
Ion Ratio Lower Upper
65 100
67 50.4 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: VN069611.D

Acq: 22 Nov 2021 15:46

Instrument :

MSVOA_N

ClientSampleId :

14B-3

Tgt Ion: 114 Resp: 90724

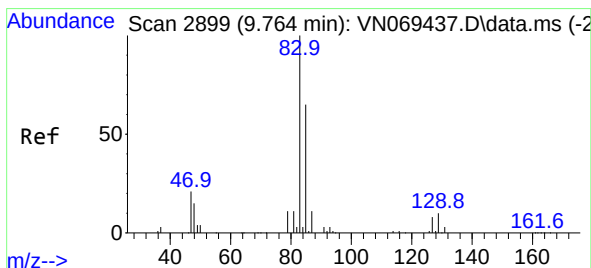
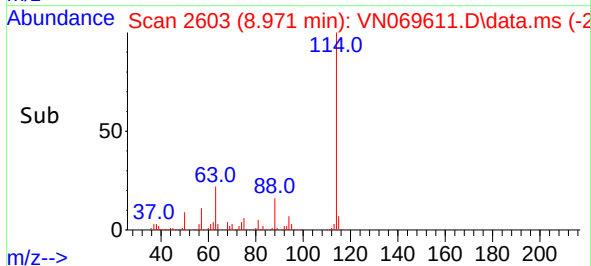
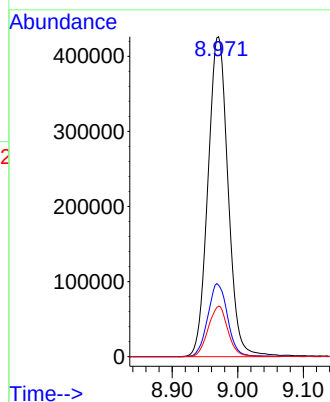
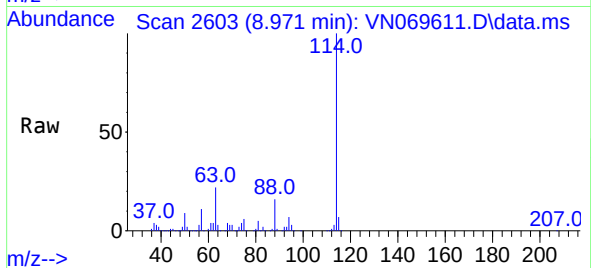
Ion	Ratio	Lower	Upper
114	100		
63	22.6	15.8	23.6
88	15.5	11.6	17.4

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#41

Bromodichloromethane

Concen: 6.505 ug/l

RT: 9.765 min Scan# 2899

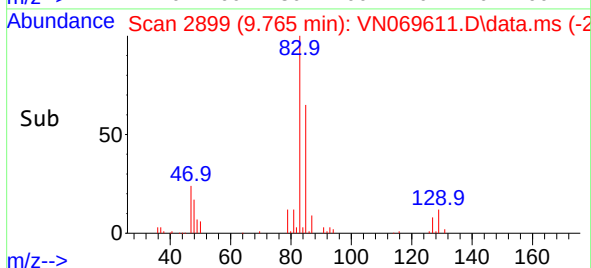
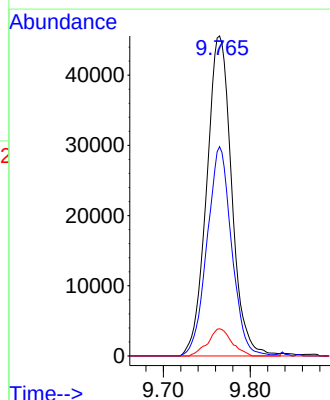
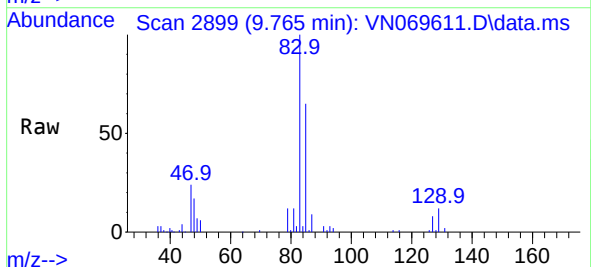
Delta R.T. 0.000 min

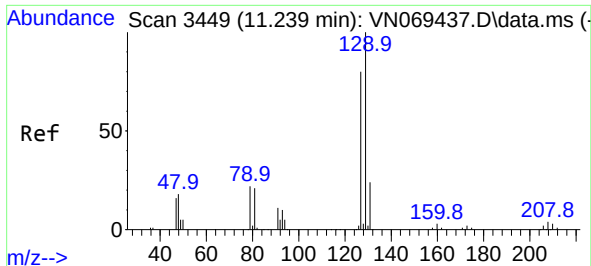
Lab File: VN069611.D

Acq: 22 Nov 2021 15:46

Tgt Ion: 83 Resp: 91216

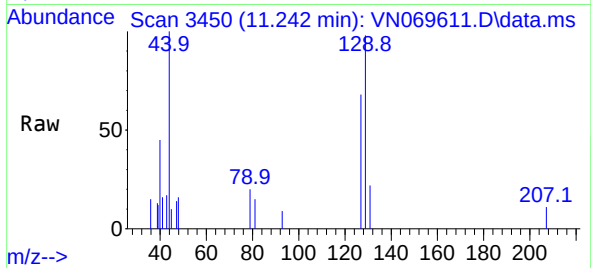
Ion	Ratio	Lower	Upper
83	100		
85	65.4	54.1	81.1
127	8.5	7.6	11.4





#53
Dibromochloromethane
Concen: 0.259 ug/l
RT: 11.242 min Scan# 3449
Delta R.T. 0.003 min
Lab File: VN069611.D
Acq: 22 Nov 2021 15:46

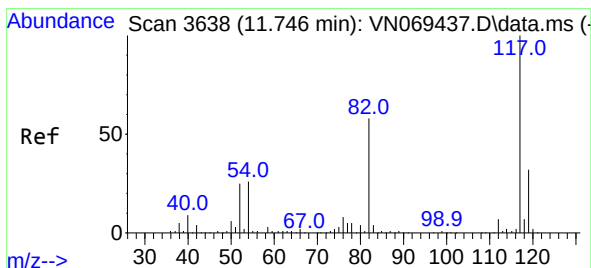
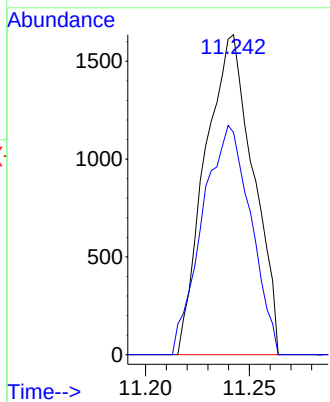
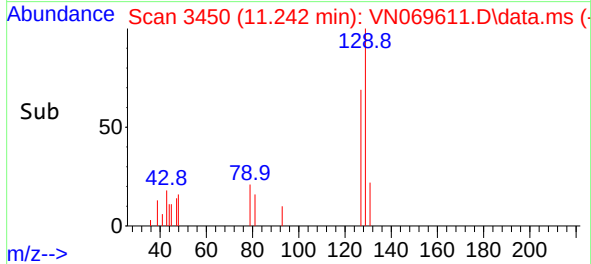
Instrument :
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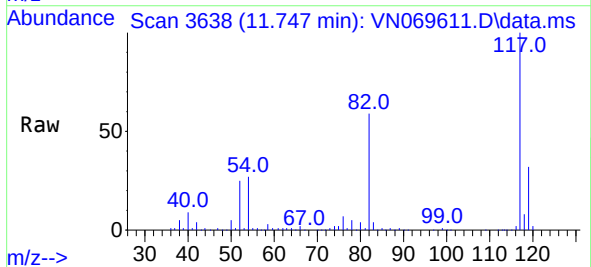
Tgt Ion:129 Resp: 262
Ion Ratio Lower Upper
129 100
127 72.4 39.0 117.0

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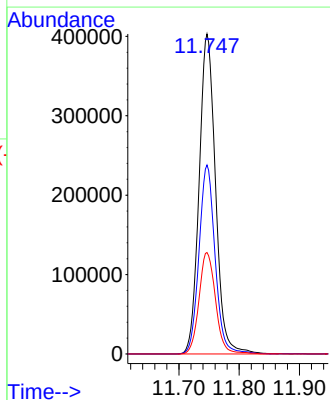
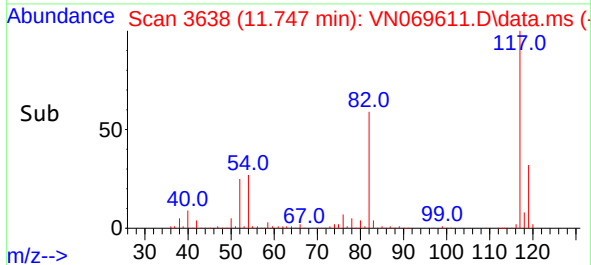
Reviewed By :John Carlone 11/23/2021
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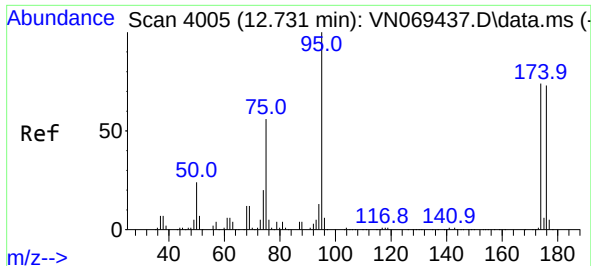


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069611.D
Acq: 22 Nov 2021 15:46



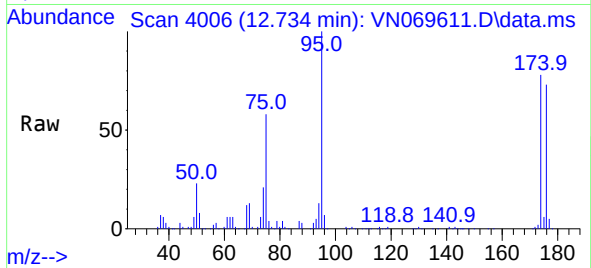
Tgt Ion:117 Resp: 763103
Ion Ratio Lower Upper
117 100
82 58.0 43.6 65.4
119 31.8 25.8 38.6





#60
4-Bromofluorobenzene
Concen: 23.192 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.000 min
Lab File: VN069611.D
Acq: 22 Nov 2021 15:46

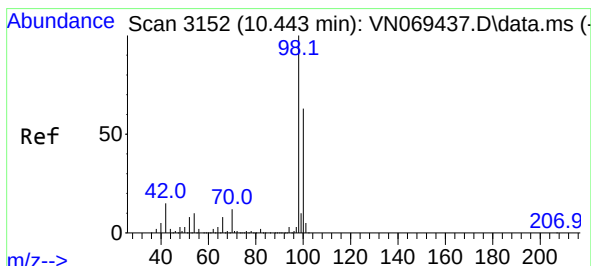
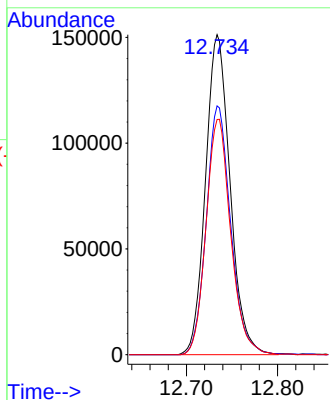
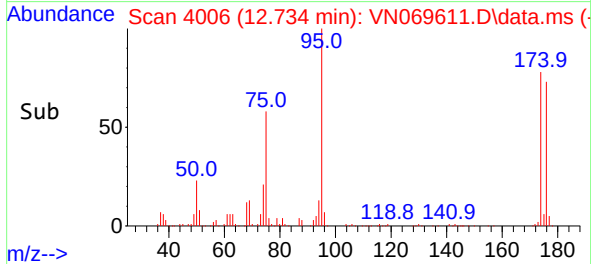
Instrument :
MSVOA_N
ClientSampleId :
14B-3



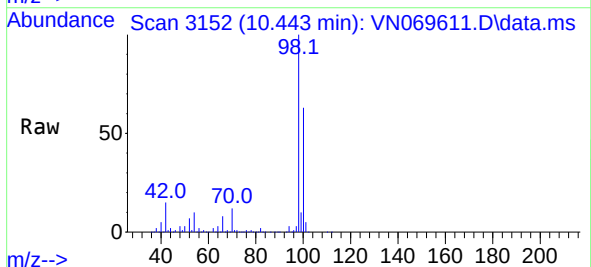
Tgt Ion: 95 Resp: 283210
Ion Ratio Lower Upper
95 100
174 77.2 62.9 94.3
176 73.9 61.0 91.4

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#63
Toluene-d8
Concen: 30.885 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069611.D
Acq: 22 Nov 2021 15:46



Tgt Ion: 98 Resp: 1088239
Ion Ratio Lower Upper
98 100
100 63.5 50.6 76.0

