

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
 Data File : VN069616.D
 Acq On : 22 Nov 2021 17:54
 Operator : JC/MD
 Sample : M4806-02 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 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 03:53:50 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	160400	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	865178	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	743825	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	437969	31.483	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.933%			
60) 4-Bromofluorobenzene	12.733	95	275270	23.126	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 77.100%			
63) Toluene-d8	10.443	98	1067163	31.072	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.567%			
Target Compounds						
15) Acetone	4.299	58	3821m	1.821	ug/l	Qvalue
25) Chloroform	7.820	83	1016173	53.067	ug/l	97
41) Bromodichloromethane	9.767	83	61543m	4.603	ug/l	

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

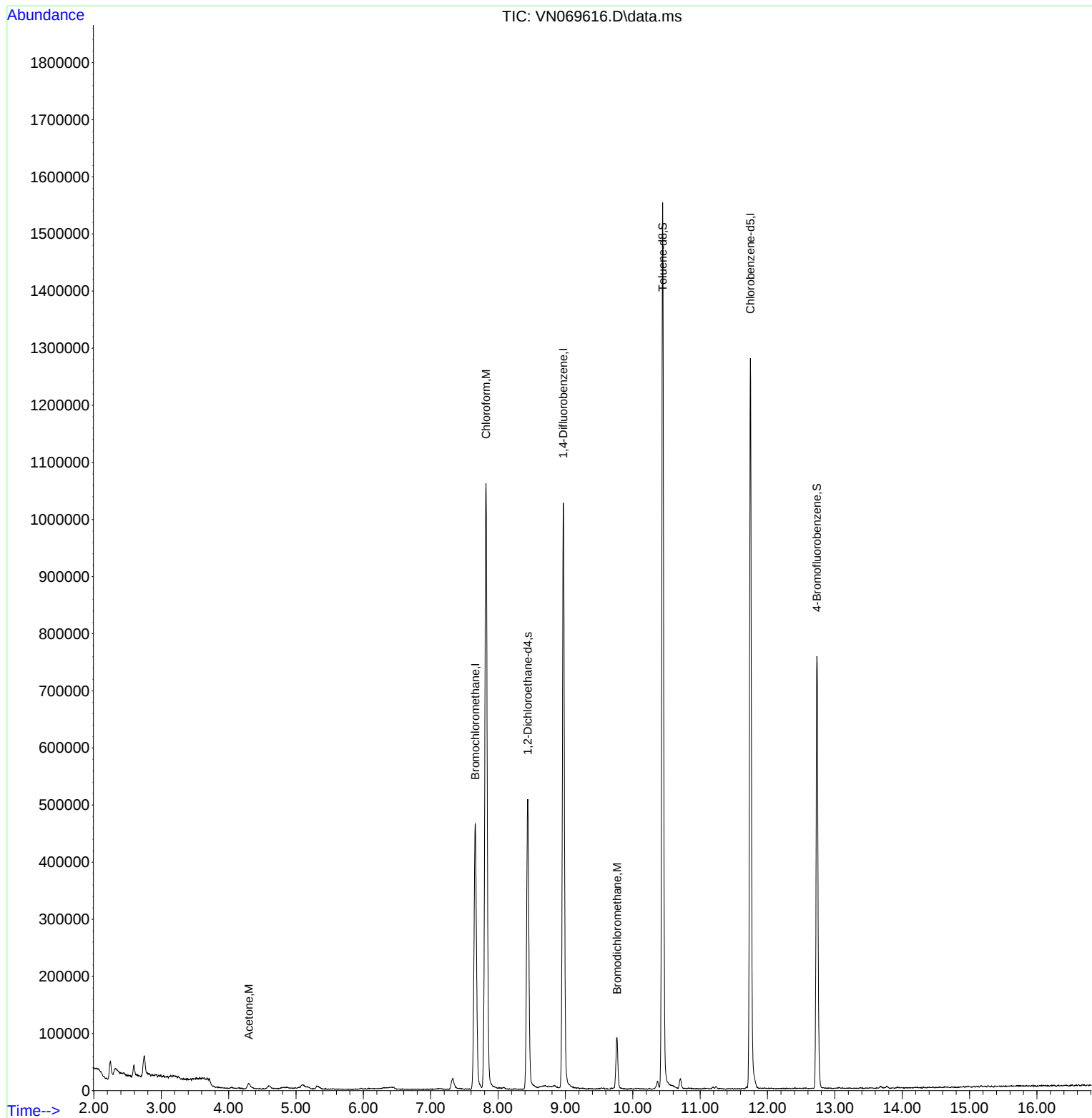
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
Data File : VN069616.D
Acq On : 22 Nov 2021 17:54
Operator : JC/MD
Sample : M4806-02 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

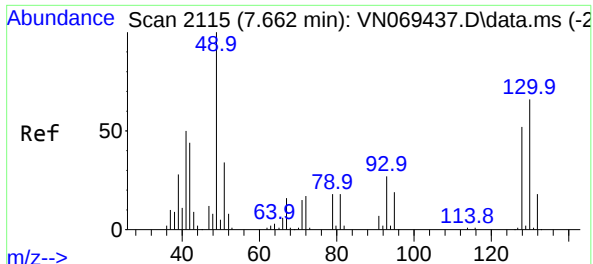
Instrument :
MSVOA_N
ClientSampleId :
14B-2

Quant Time: Nov 23 03:53:50 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

Manual Integrations
APPROVED

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





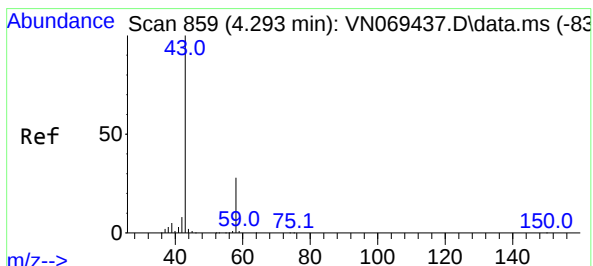
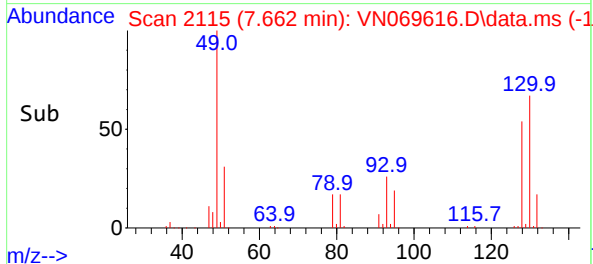
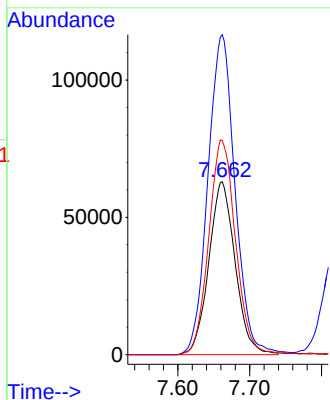
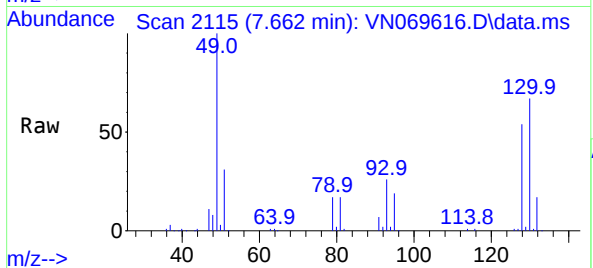
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VN069616.D
Acq: 22 Nov 2021 17:54

Instrument :
MSVOA_N
ClientSampleId :
14B-2

Tgt Ion:128 Resp: 160400
Ion Ratio Lower Upper
128 100
49 190.1 0.0 392.3
130 125.6 0.0 320.2

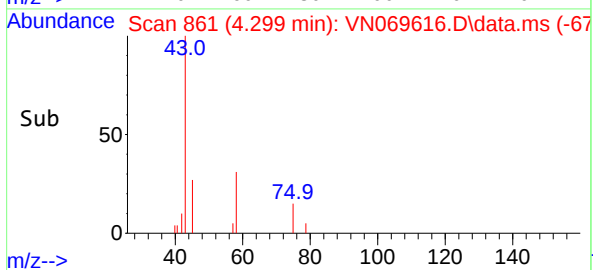
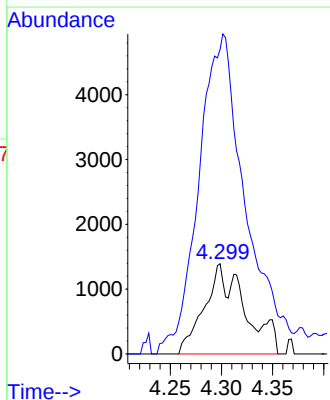
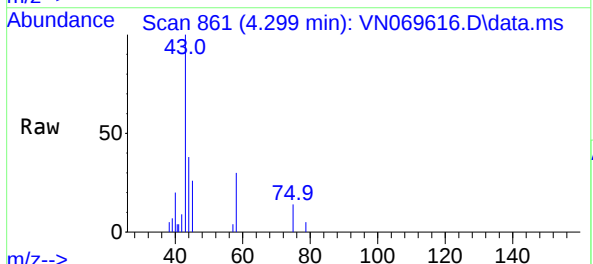
Manual Integrations
APPROVED

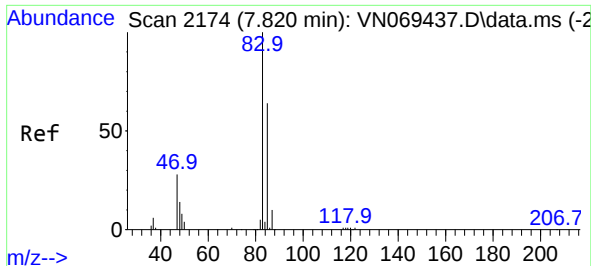
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#15
Acetone
Concen: 1.821 ug/l m
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN069616.D
Acq: 22 Nov 2021 17:54

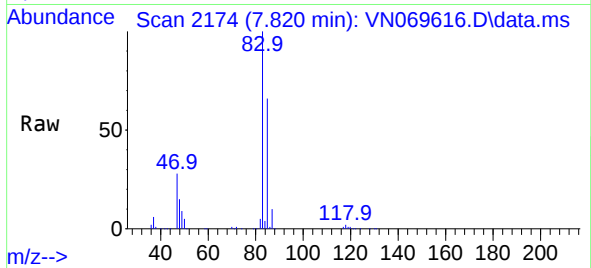
Tgt Ion: 58 Resp: 3821
Ion Ratio Lower Upper
58 100
43 337.8 256.6 384.8





#25
Chloroform
Concen: 53.067 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069616.D
Acq: 22 Nov 2021 17:54

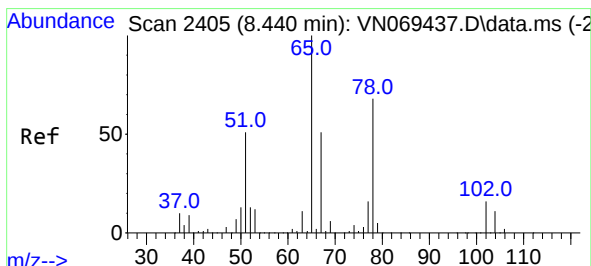
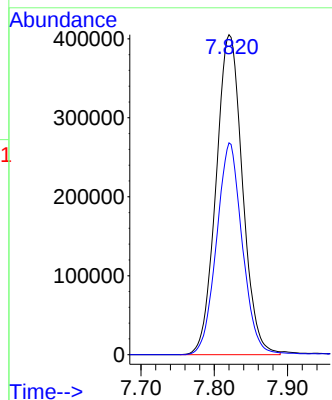
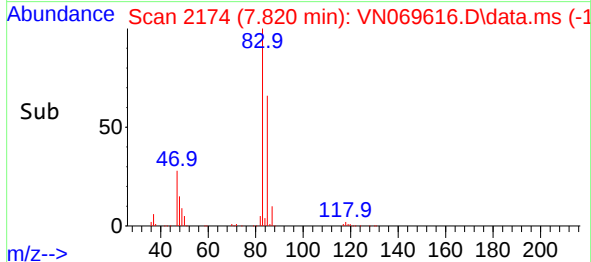
Instrument :
MSVOA_N
ClientSampleId :
14B-2



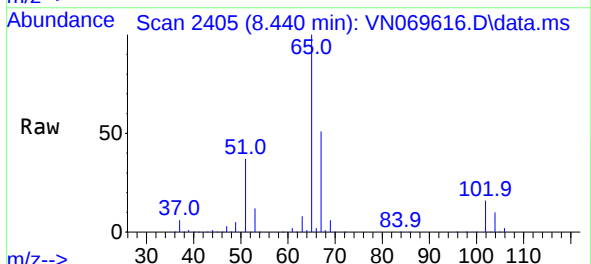
Tgt Ion: 83 Resp: 101617
Ion Ratio Lower Upper
83 100
85 66.2 51.3 76.9

Manual Integrations
APPROVED

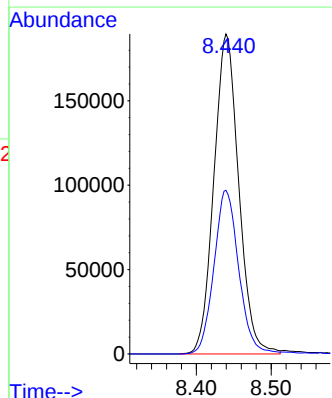
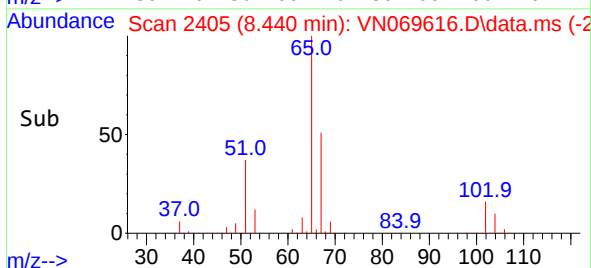
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

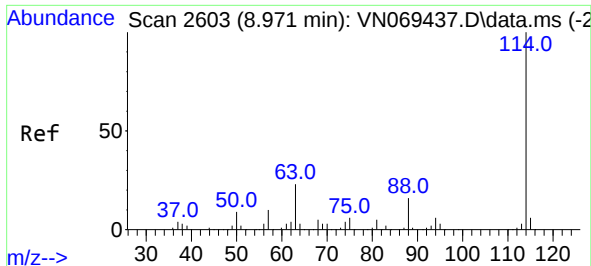


#27
1,2-Dichloroethane-d4
Concen: 31.483 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069616.D
Acq: 22 Nov 2021 17:54



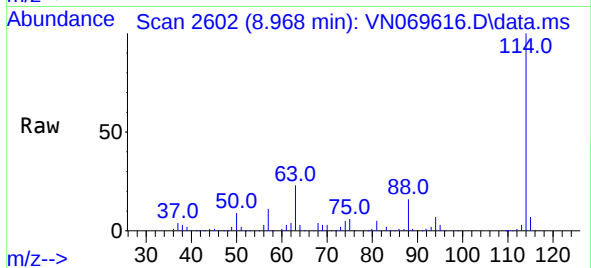
Tgt Ion: 65 Resp: 437969
Ion Ratio Lower Upper
65 100
67 50.8 40.2 60.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2603
Delta R.T. -0.003 min
Lab File: VN069616.D
Acq: 22 Nov 2021 17:54

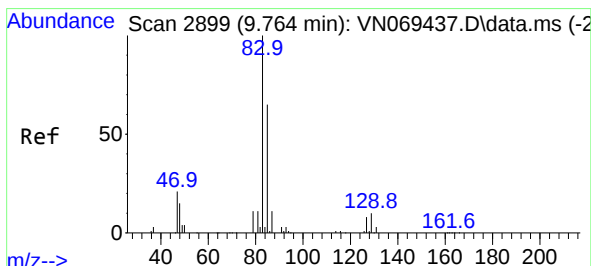
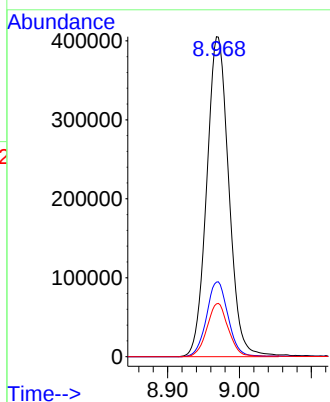
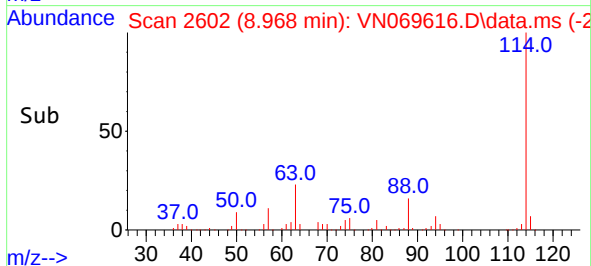
Instrument :
MSVOA_N
ClientSampleId :
14B-2



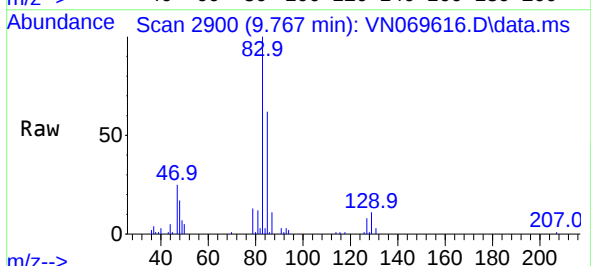
Tgt Ion:114 Resp: 865178
Ion Ratio Lower Upper
114 100
63 23.0 15.8 23.6
88 16.0 11.6 17.4

Manual Integrations
APPROVED

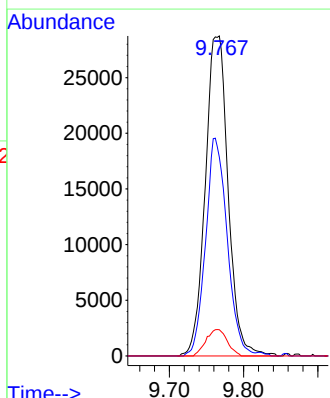
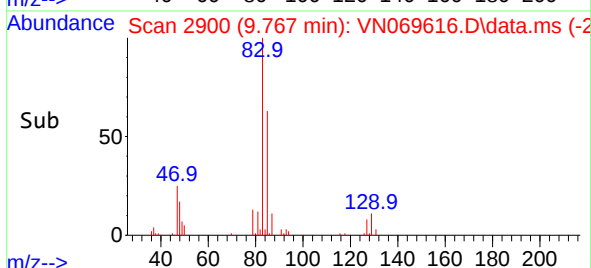
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

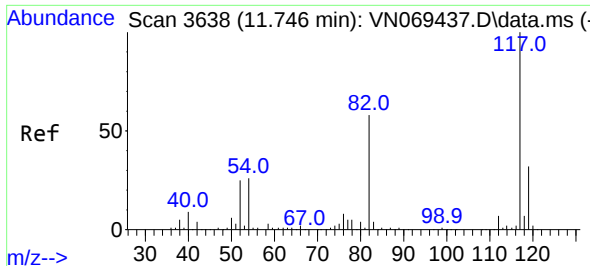


#41
Bromodichloromethane
Concen: 4.603 ug/l m
RT: 9.767 min Scan# 2900
Delta R.T. 0.003 min
Lab File: VN069616.D
Acq: 22 Nov 2021 17:54



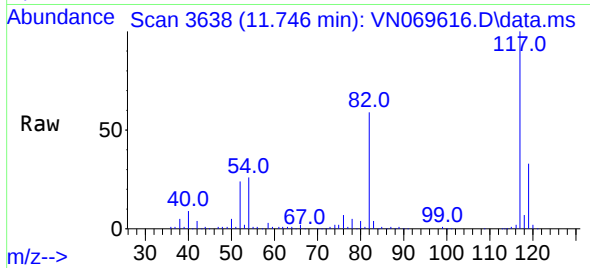
Tgt Ion: 83 Resp: 61543
Ion Ratio Lower Upper
83 100
85 62.2 54.1 81.1
127 8.2 7.6 11.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069616.D
Acq: 22 Nov 2021 17:54

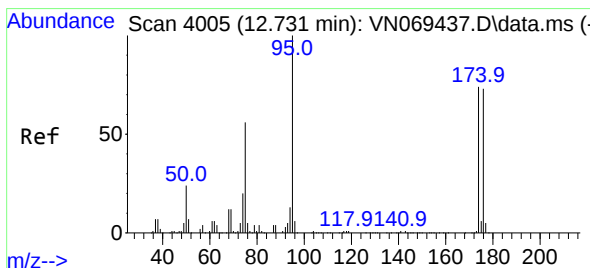
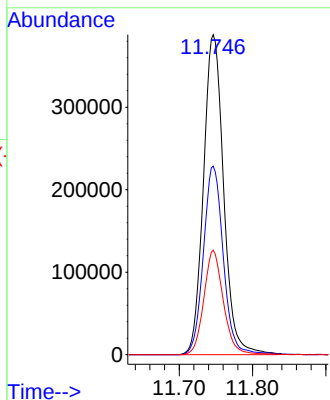
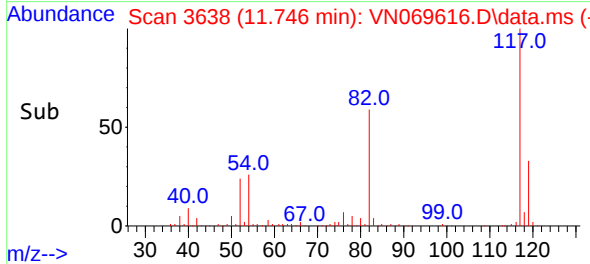
Instrument :
MSVOA_N
ClientSampleId :
14B-2



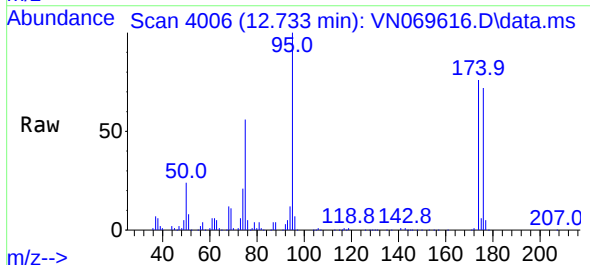
Tgt Ion: 117 Resp: 743825
Ion Ratio Lower Upper
117 100
82 58.1 43.6 65.4
119 31.4 25.8 38.6

Manual Integrations
APPROVED

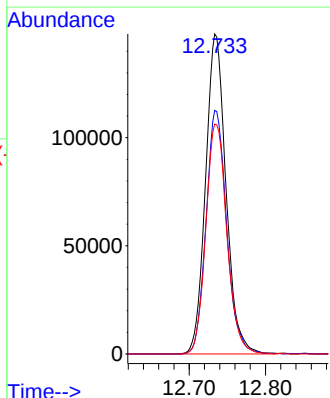
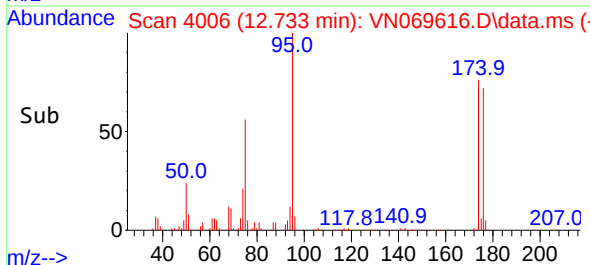
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

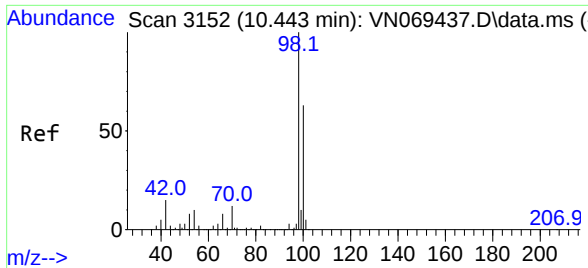


#60
4-Bromofluorobenzene
Concen: 23.126 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069616.D
Acq: 22 Nov 2021 17:54



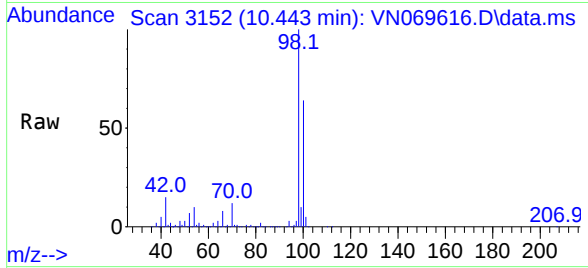
Tgt Ion: 95 Resp: 275270
Ion Ratio Lower Upper
95 100
174 76.9 62.9 94.3
176 74.0 61.0 91.4





#63
Toluene-d8
Concen: 31.072 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069616.D
Acq: 22 Nov 2021 17:54

Instrument :
MSVOA_N
ClientSampleId :
14B-2



Tgt Ion: 98 Resp: 1067163
Ion Ratio Lower Upper
98 100
100 63.3 50.6 76.0

Manual Integrations
APPROVED

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

