

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
 Data File : VN076898.D
 Acq On : 09 Mar 2023 13:15
 Operator : JC\MD
 Sample : 01852-02DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW5-IDWGW-20230308DL

Quant Time: Mar 10 01:31:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 09 04:16:54 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/10/2023
 Supervised By : Mahesh Dadoda 03/10/2023

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.819	128	43904	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	295346	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	321443	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	126691	31.394	ug/l	0.00
Spiked Amount	30.000	Range 91 - 110	Recovery	= 104.633%		
60) 4-Bromofluorobenzene	12.854	95	155718	25.596	ug/l	0.00
Spiked Amount	30.000	Range 63 - 112	Recovery	= 85.333%		
63) Toluene-d8	10.572	98	330794	29.258	ug/l	0.00
Spiked Amount	30.000	Range 91 - 112	Recovery	= 97.533%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.378	101	7958m	1.606	ug/l	
10) 1,1-Dichloroethene	4.354	96	3897	0.810	ug/l #	57
37) Trichloroethene	9.360	130	302640	57.575	ug/l	95

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

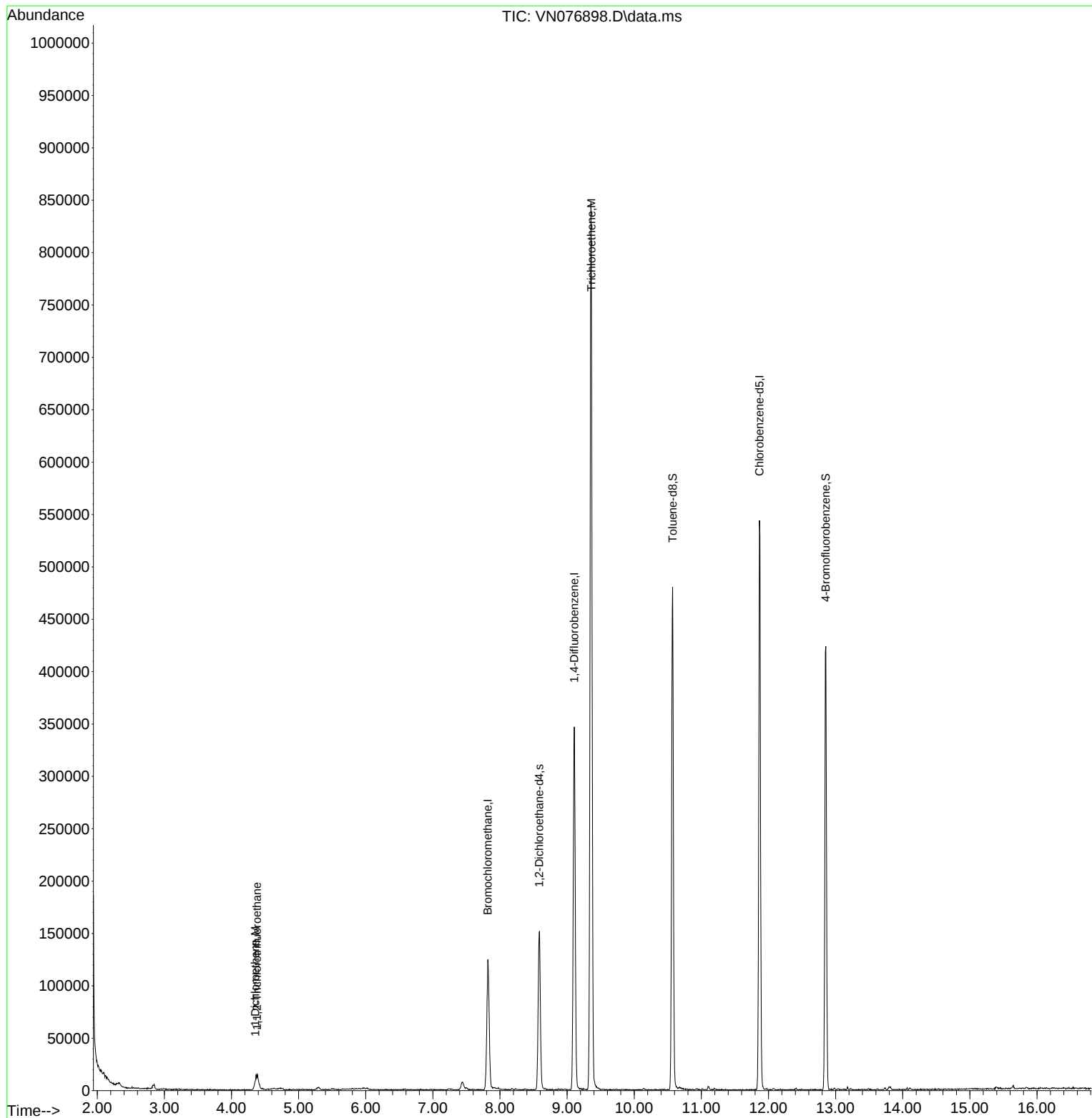
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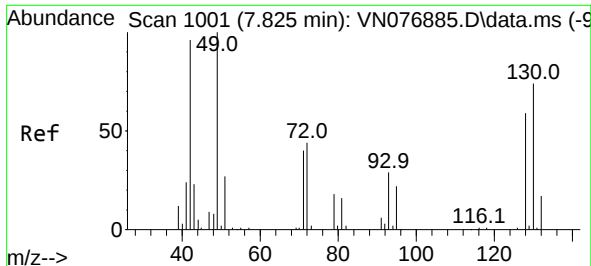
Instrument :
MSVOA_N
ClientSampleId :
RW5-IDWGW-20230308DL

Quant Time: Mar 10 01:31:28 2023
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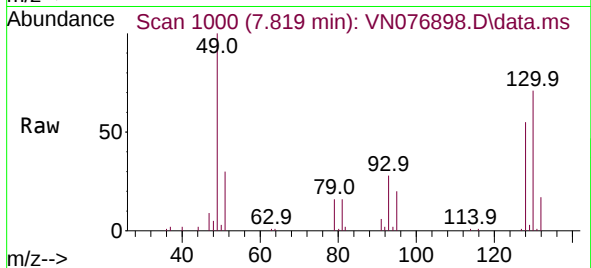
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN076898.D
Acq: 09 Mar 2023 13:15

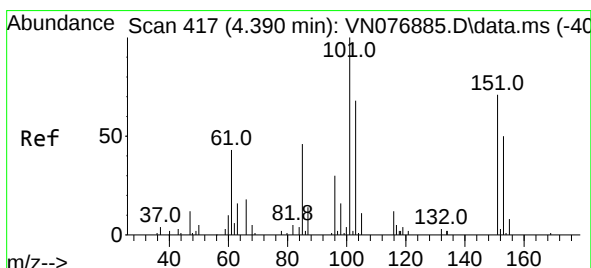
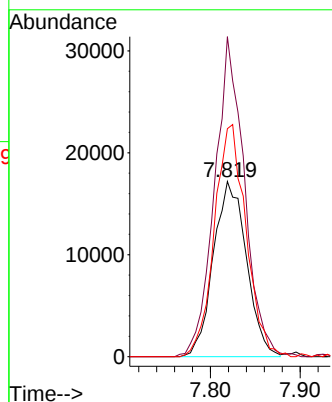
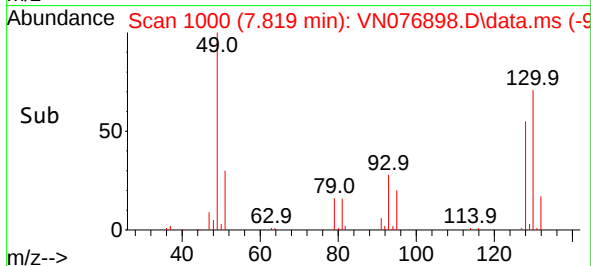
Instrument :
MSVOA_N
ClientSampleId :
RW5-IDWGW-20230308DL



Tgt Ion:128 Resp: 43904
Ion Ratio Lower Upper
128 100
49 164.1 0.0 461.8
130 127.1 0.0 295.3

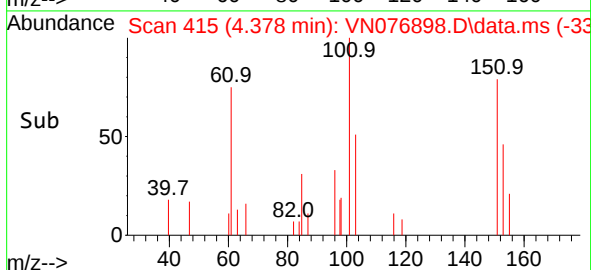
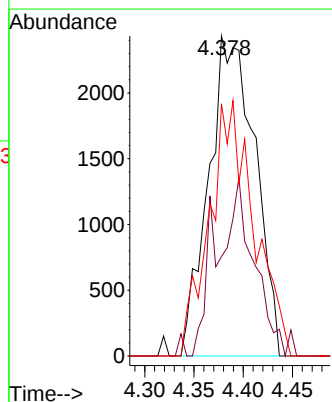
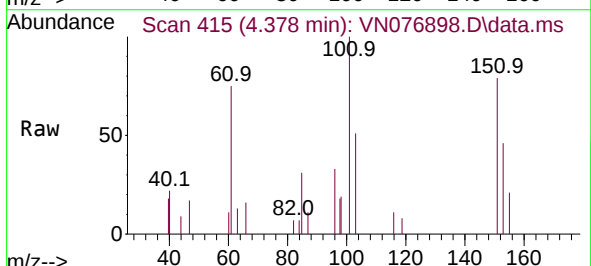
Manual Integrations
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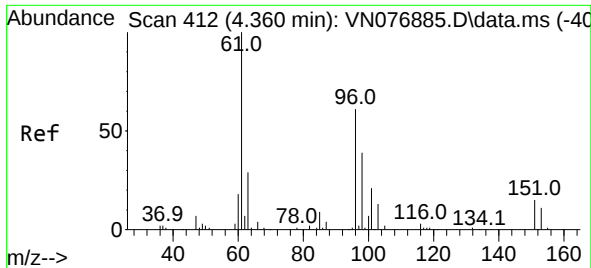
Reviewed By :John Carlone 03/10/2023
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#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.606 ug/l m
RT: 4.378 min Scan# 415
Delta R.T. -0.012 min
Lab File: VN076898.D
Acq: 09 Mar 2023 13:15

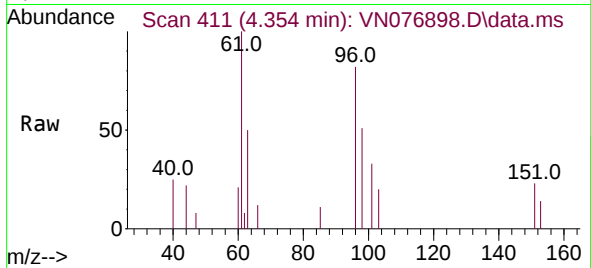
Tgt Ion:101 Resp: 7958
Ion Ratio Lower Upper
101 100
85 33.6 0.0 95.2
151 64.9 0.0 142.2





#10
 1,1-Dichloroethene
 Concen: 0.810 ug/l
 RT: 4.354 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN076898.D
 Acq: 09 Mar 2023 13:15

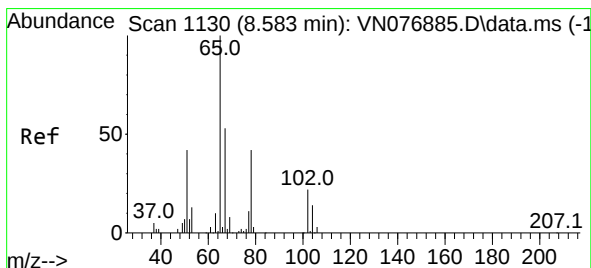
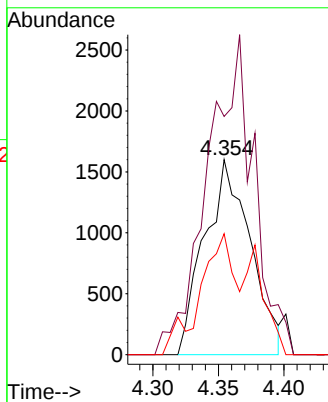
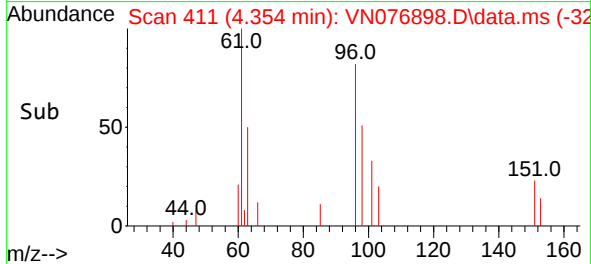
Instrument :
 MSVOA_N
 ClientSampleId :
 RW5-IDWGW-20230308DL



Tgt Ion: 96 Resp: 389
 Ion Ratio Lower Upper
 96 100
 61 100.6 137.1 205.7
 98 50.6 53.2 79.8

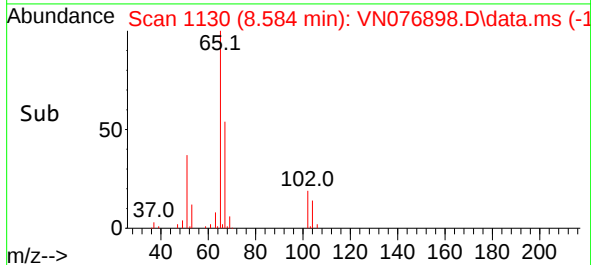
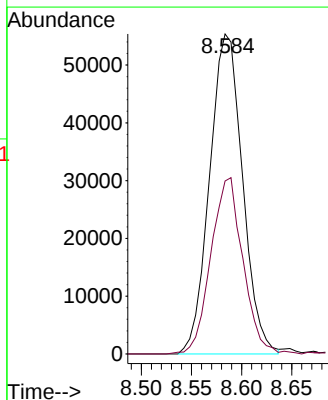
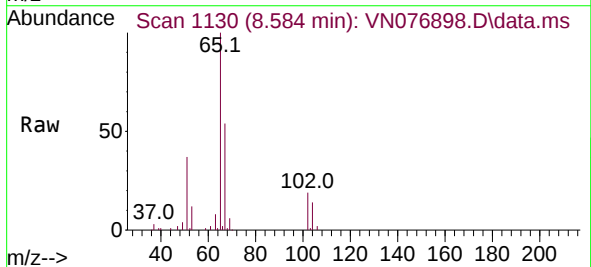
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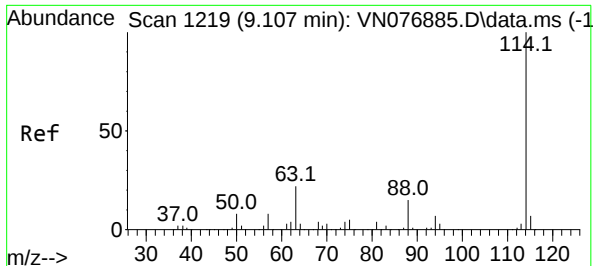
Reviewed By :John Carlone 03/10/2023
 Supervised By :Mahesh Dadoda 03/10/2023



#27
 1,2-Dichloroethane-d4
 Concen: 31.394 ug/l
 RT: 8.584 min Scan# 1130
 Delta R.T. 0.001 min
 Lab File: VN076898.D
 Acq: 09 Mar 2023 13:15

Tgt Ion: 65 Resp: 126691
 Ion Ratio Lower Upper
 65 100
 67 53.3 40.9 61.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076898.D

Acq: 09 Mar 2023 13:15

Instrument :

MSVOA_N

ClientSampleId :

RW5-IDWGW-20230308DL

Tgt Ion:114 Resp: 295340

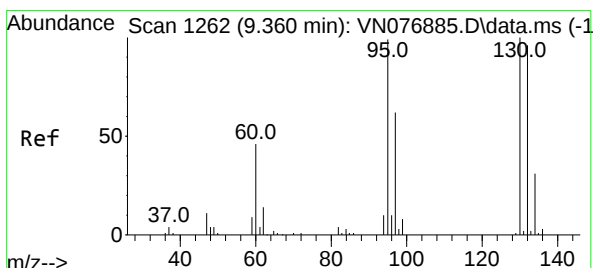
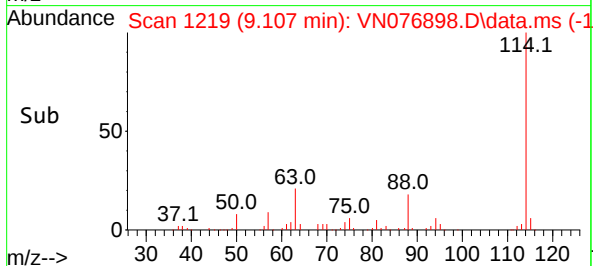
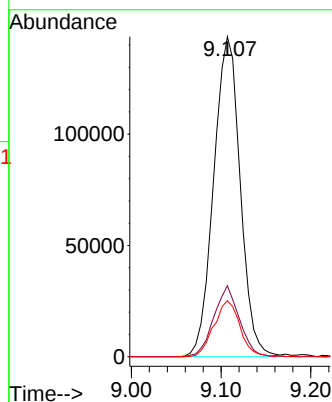
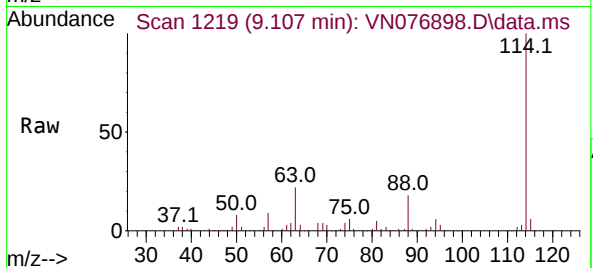
Ion	Ratio	Lower	Upper
114	100		
63	21.2	17.0	25.4
88	17.1	11.6	17.4

Manual Integrations

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Reviewed By :John Carlone 03/10/2023

Supervised By :Mahesh Dadoda 03/10/2023



#37

Trichloroethene

Concen: 57.575 ug/l

RT: 9.360 min Scan# 1262

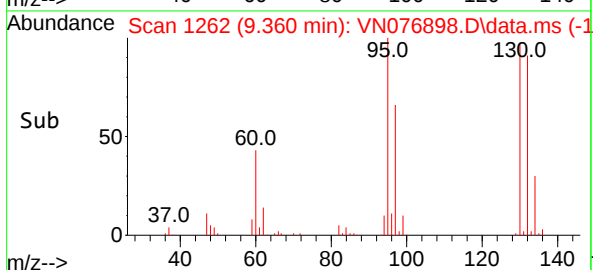
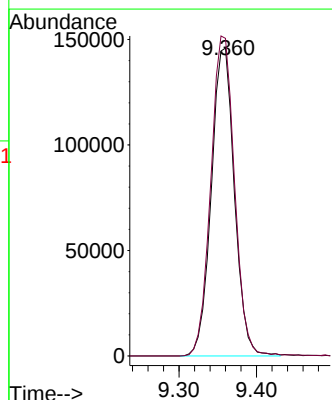
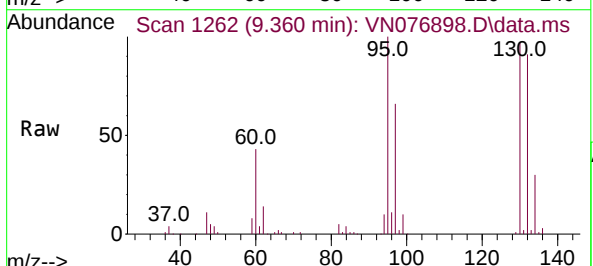
Delta R.T. 0.006 min

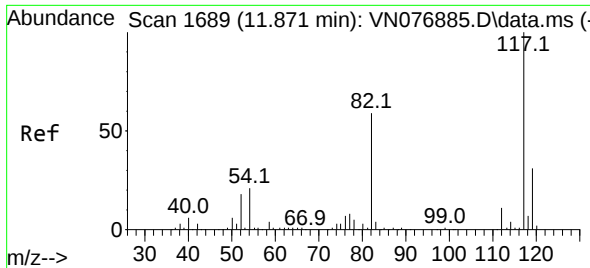
Lab File: VN076898.D

Acq: 09 Mar 2023 13:15

Tgt Ion:130 Resp: 302640

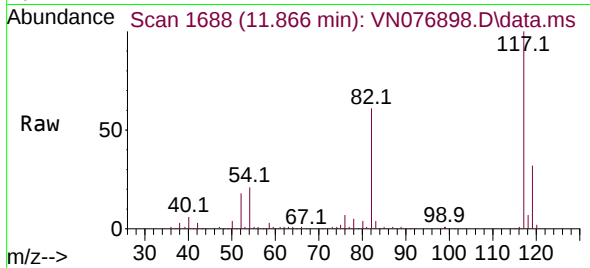
Ion	Ratio	Lower	Upper
130	100		
95	103.2	78.7	118.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN076898.D
Acq: 09 Mar 2023 13:15

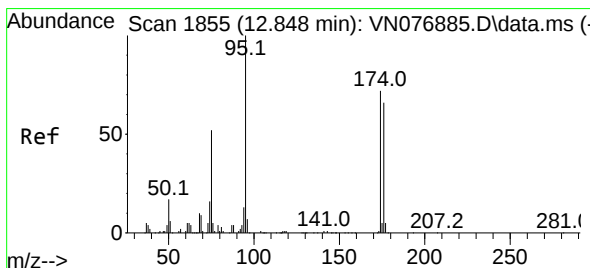
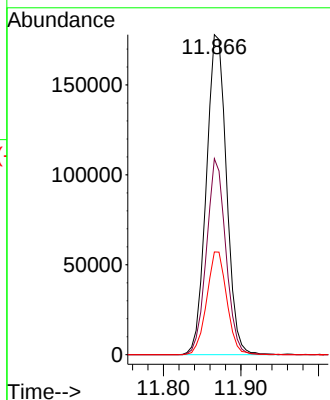
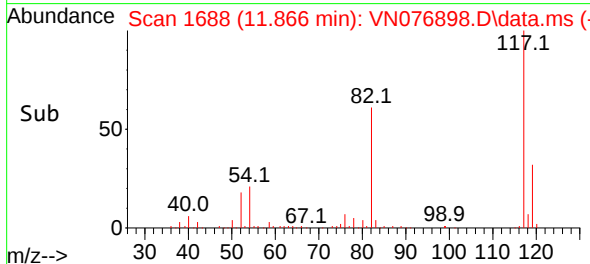
Instrument :
MSVOA_N
ClientSampleId :
RW5-IDWGW-20230308DL



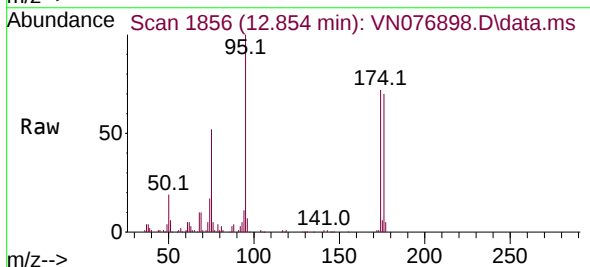
Tgt Ion:117 Resp: 32144
Ion Ratio Lower Upper
117 100
82 58.7 45.4 68.0
119 32.2 26.8 40.2

Manual Integrations
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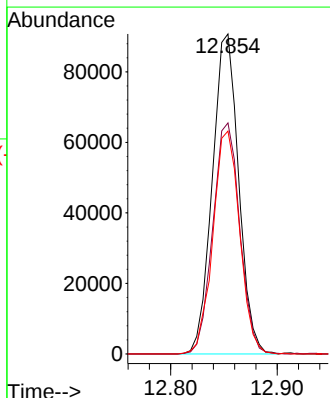
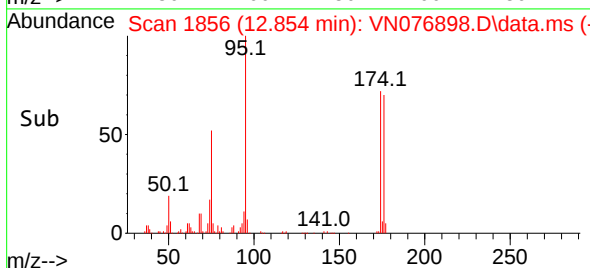
Reviewed By :John Carlone 03/10/2023
Supervised By :Mahesh Dadoda 03/10/2023

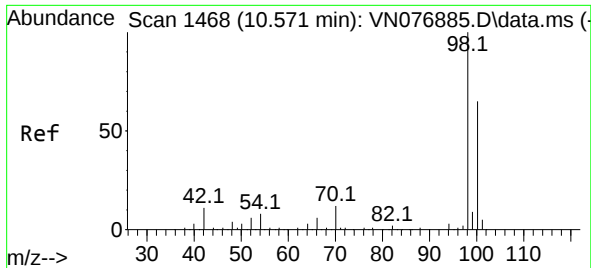


#60
4-Bromofluorobenzene
Concen: 25.596 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076898.D
Acq: 09 Mar 2023 13:15



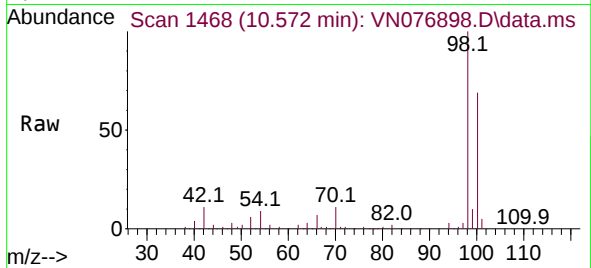
Tgt Ion: 95 Resp: 155718
Ion Ratio Lower Upper
95 100
174 73.9 64.2 96.4
176 70.7 61.4 92.0





#63
Toluene-d8
Concen: 29.258 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076898.D
Acq: 09 Mar 2023 13:15

Instrument :
MSVOA_N
ClientSampleId :
RW5-IDWGW-20230308DL



Tgt Ion: 98 Resp: 330794
Ion Ratio Lower Upper
98 100
100 65.3 53.8 80.6

Manual Integrations
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