

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070399.D
 Acq On : 30 Dec 2021 15:07
 Operator : JC/MD
 Sample : M5177-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Dec 31 05:19:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 01/03/2022
 Supervised By :mohammad ahmed 01/03/2022

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	973933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1686960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1519012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	513732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	714987	51.058	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.120%			
35) Dibromofluoromethane	8.024	113	499968	48.983	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.960%			
50) Toluene-d8	10.443	98	1928675	46.255	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 92.520%			
62) 4-Bromofluorobenzene	12.733	95	703460	46.711	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.420%			
Target Compounds						
16) Acetone	4.293	43	26798	2.948	ug/l	97
20) Methylene Chloride	5.101	84	7788m	0.619	ug/l	

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

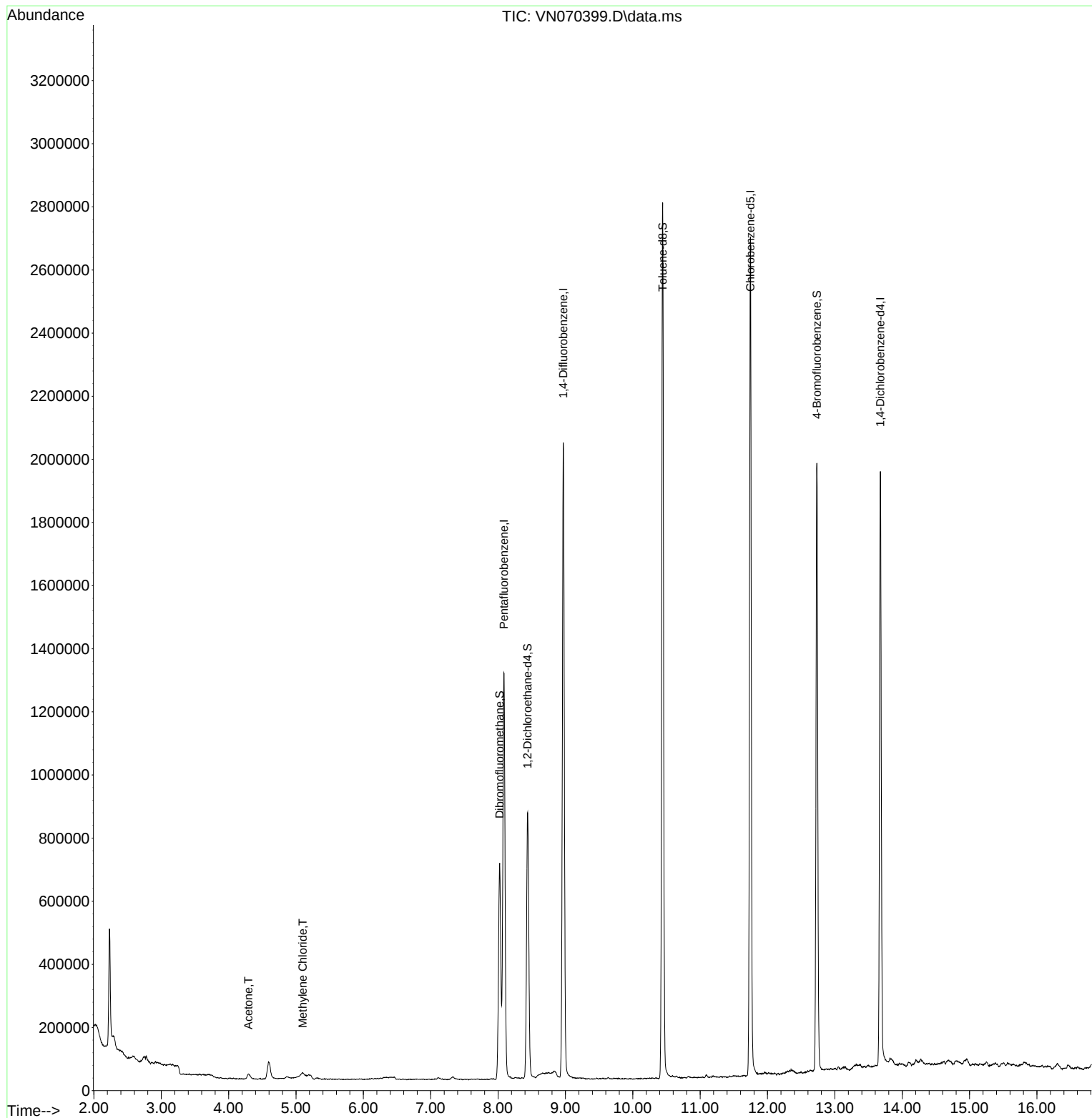
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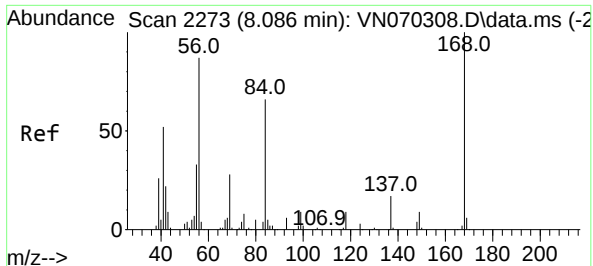
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ClientSampleId :
STORAGE-BLANK-WATER-REF-4

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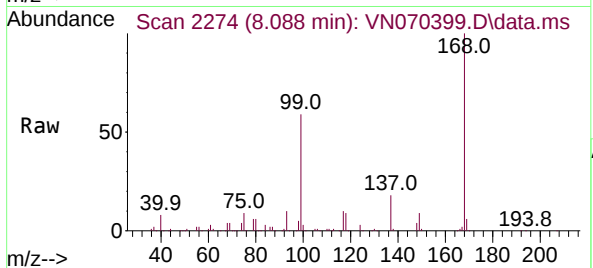
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

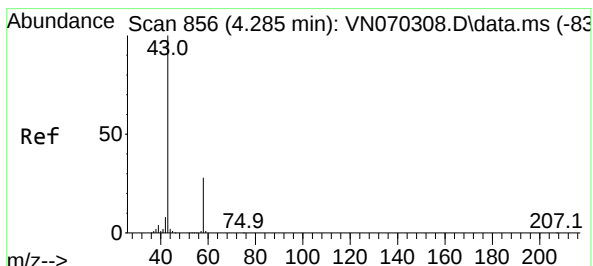
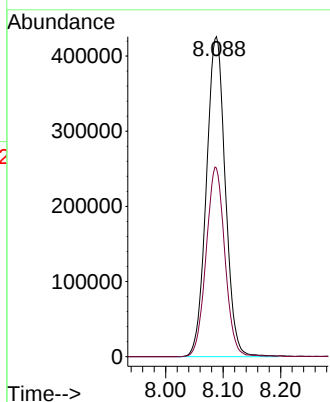
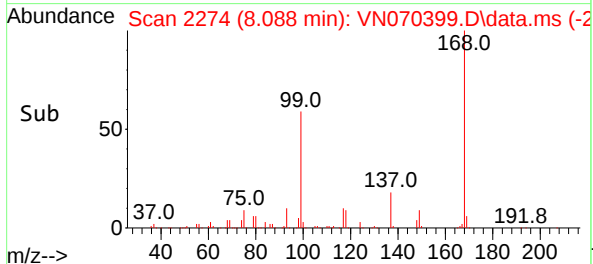
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4



Tgt Ion:168 Resp: 97393
Ion Ratio Lower Upper
168 100
99 59.0 41.3 61.9

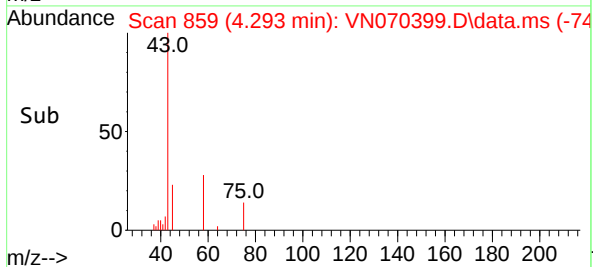
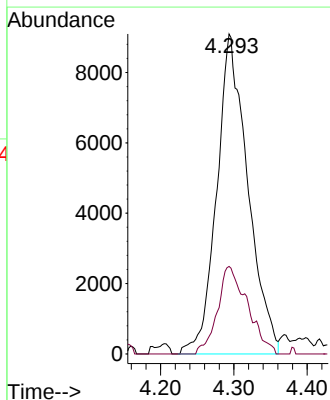
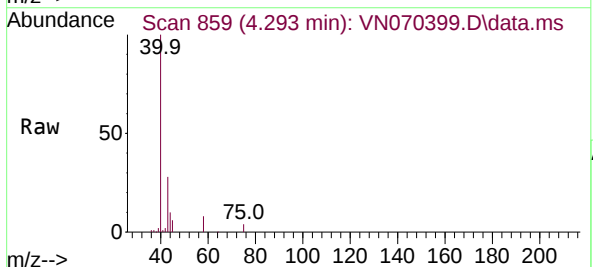
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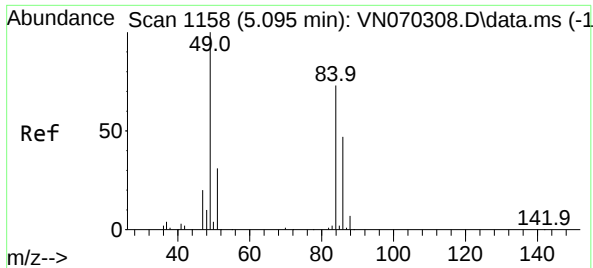
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#16
Acetone
Concen: 2.948 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

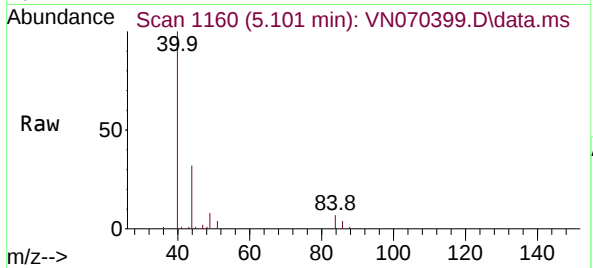
Tgt Ion: 43 Resp: 26798
Ion Ratio Lower Upper
43 100
58 27.4 23.1 34.7





#20
Methylene Chloride
Concen: 0.619 ug/l m
RT: 5.101 min Scan# 1158
Delta R.T. 0.006 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

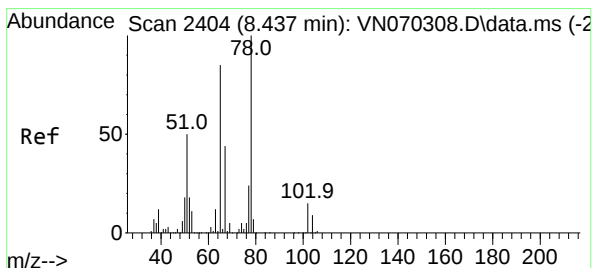
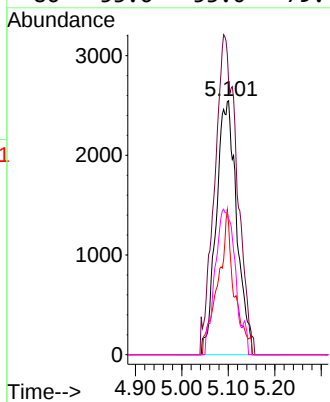
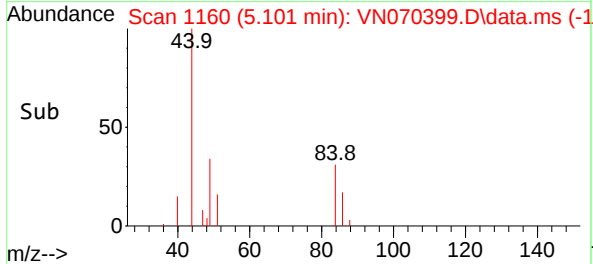
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-4



Tgt Ion: 84 Resp: 7788
Ion Ratio Lower Upper
84 100
49 107.9 93.5 140.3
51 51.4 29.4 44.2
86 53.6 53.0 79.4

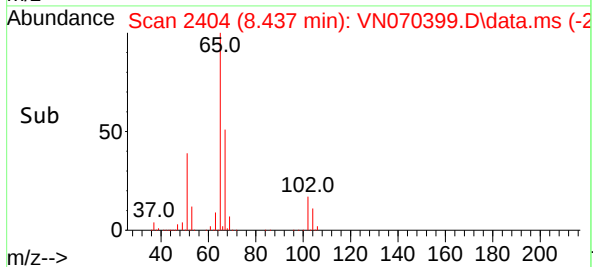
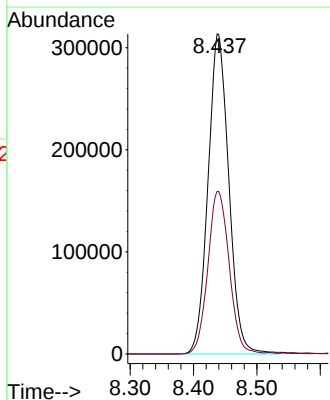
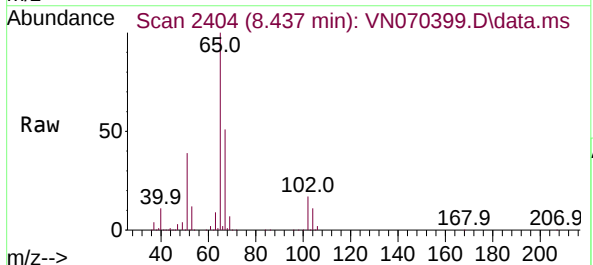
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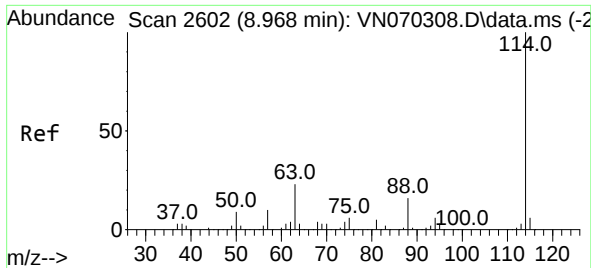
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#33
1,2-Dichloroethane-d4
Concen: 51.058 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

Tgt Ion: 65 Resp: 714987
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN070399.D

Acq: 30 Dec 2021 15:07

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

Tgt Ion:114 Resp: 168696

Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

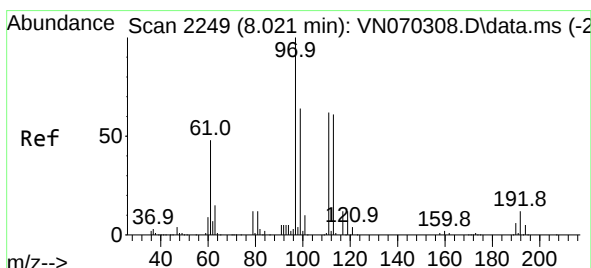
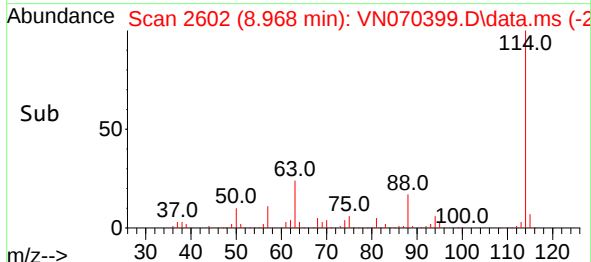
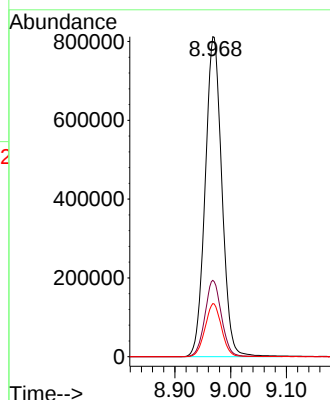
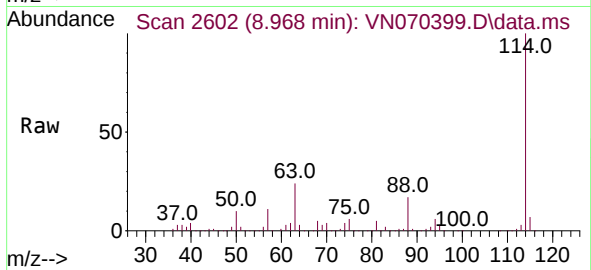
88 16.6 0.0 27.4

Manual Integrations

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#35

Dibromofluoromethane

Concen: 48.983 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.003 min

Lab File: VN070399.D

Acq: 30 Dec 2021 15:07

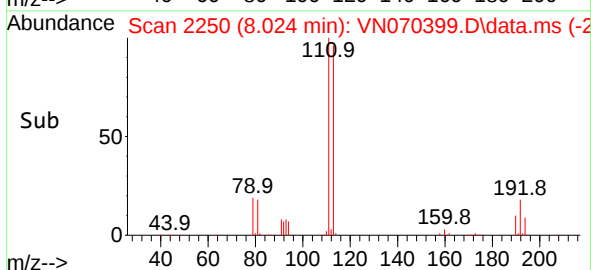
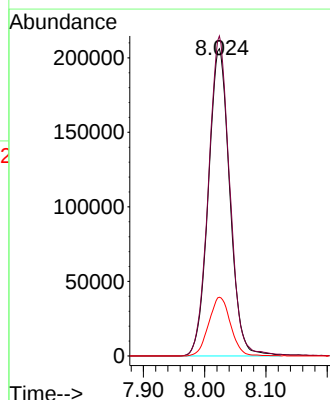
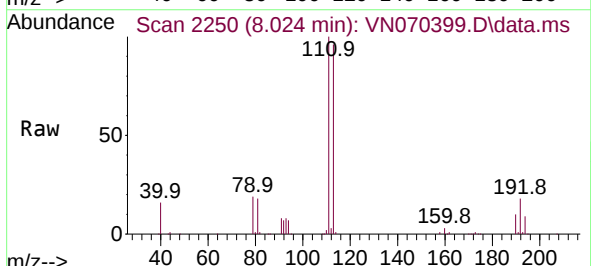
Tgt Ion:113 Resp: 499968

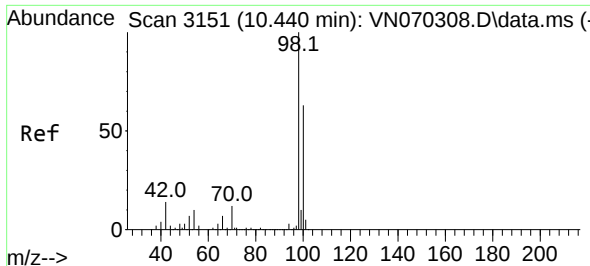
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

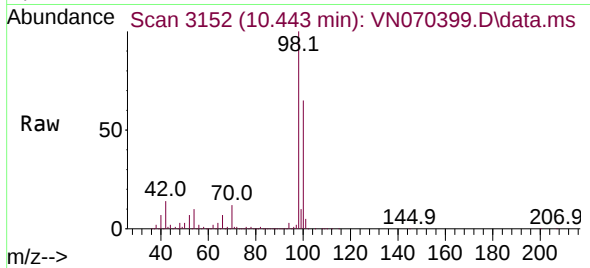
192 19.4 16.9 25.3





#50
Toluene-d8
Concen: 46.255 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

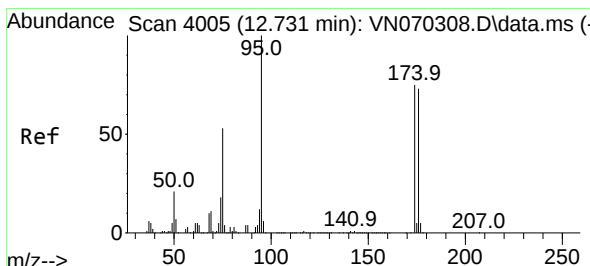
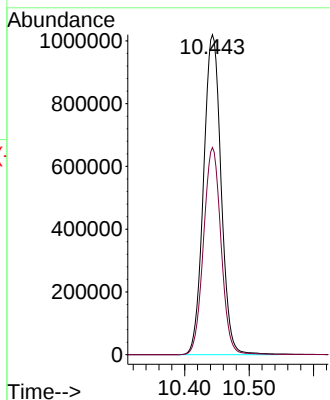
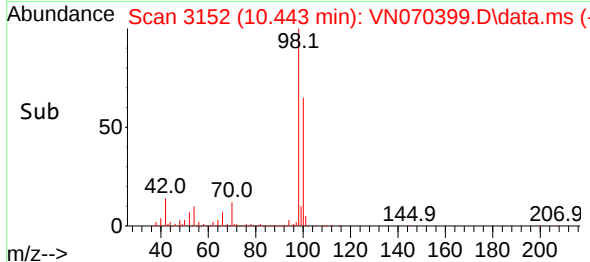
Instrument :
MSVOA_N
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STORAGE-BLANK-WATER-REF-4



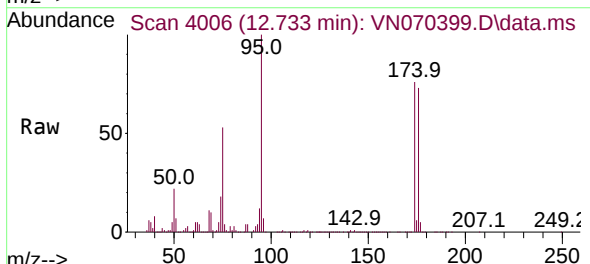
Tgt Ion: 98 Resp: 192867
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6

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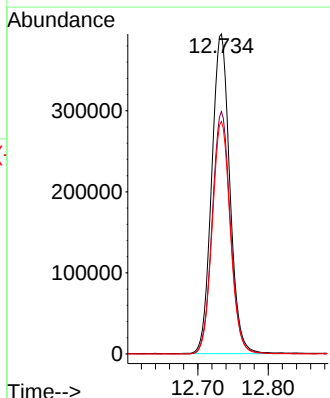
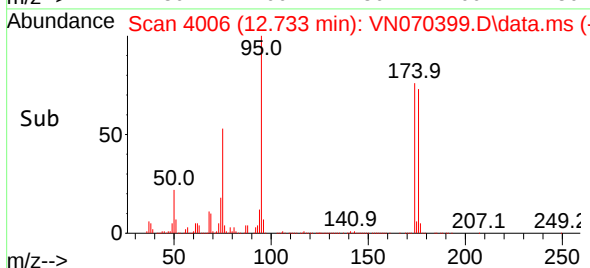
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022

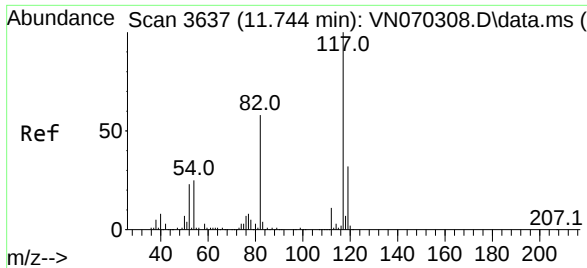


#62
4-Bromofluorobenzene
Concen: 46.711 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07



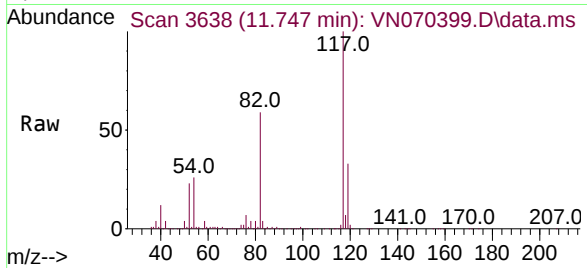
Tgt Ion: 95 Resp: 703460
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 72.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07

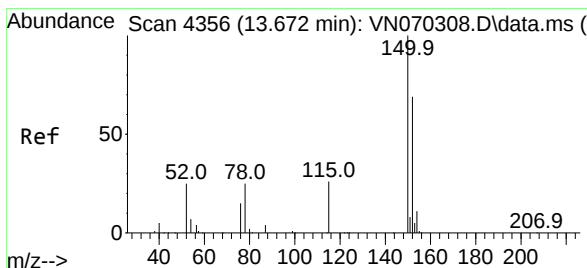
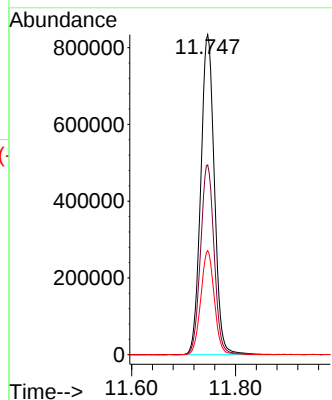
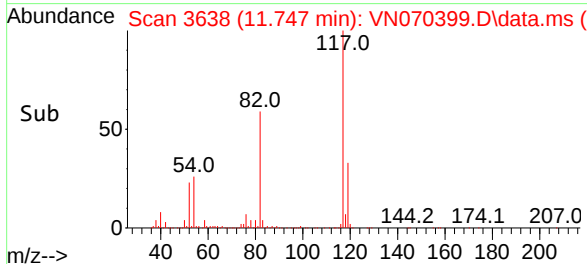
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-4



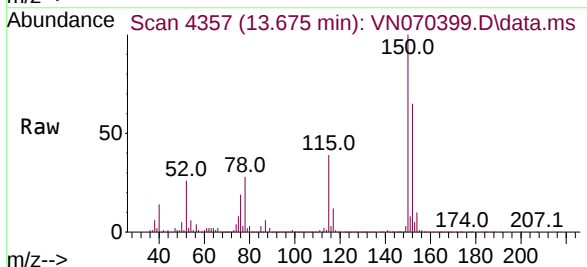
Tgt Ion:117 Resp: 151901
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.5 25.4 38.2

Manual Integrations
APPROVED

Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070399.D
Acq: 30 Dec 2021 15:07



Tgt Ion:152 Resp: 513732
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.5
150 155.8 0.0 344.4

