

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060722\
 Data File : VN072686.D
 Acq On : 07 Jun 2022 14:30
 Operator : JC\MD
 Sample : N3172-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/08/2022
 Supervised By : Mahesh Dadoda 06/08/2022

Quant Time: Jun 08 09:51:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	38095	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	223239	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.745	117	189145	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	131349	30.232	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.767%			
60) 4-Bromofluorobenzene	12.727	95	93742	24.096	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 80.333%			
63) Toluene-d8	10.439	98	326874	31.197	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.000%			
Target Compounds						
15) Acetone	4.287	58	3233m	5.641	ug/l	Qvalue
25) Chloroform	7.816	83	138481	22.533	ug/l	100
41) Bromodichloromethane	9.757	83	11484	2.261	ug/l #	95

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

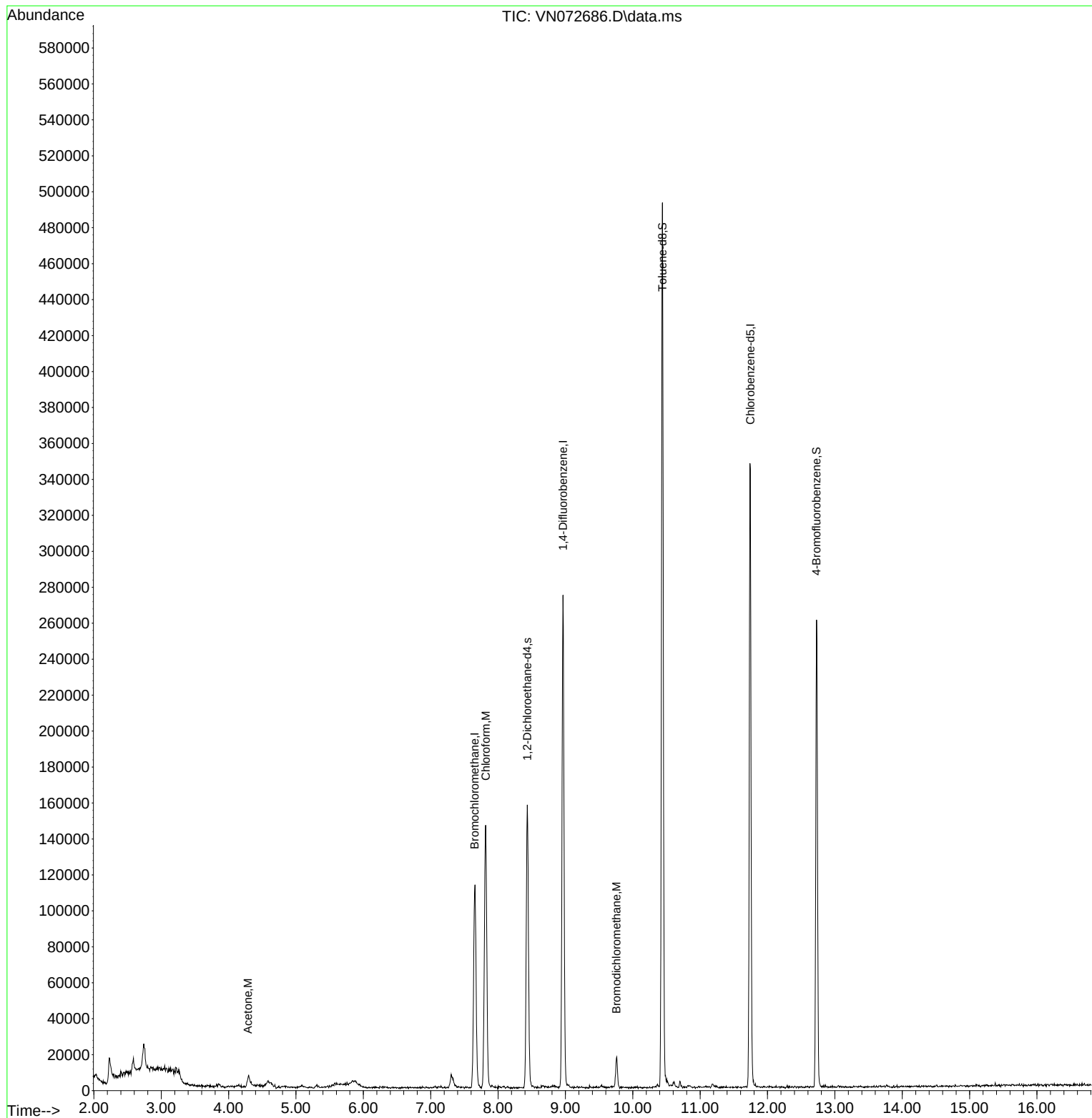
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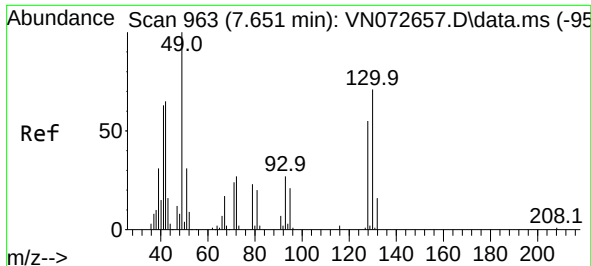
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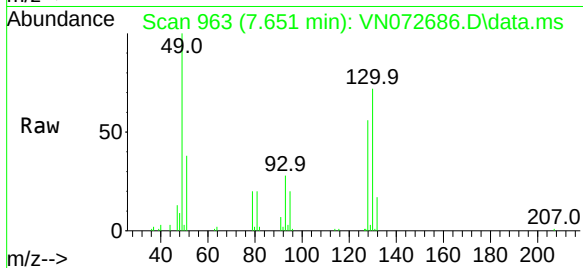
Quant Time: Jun 08 09:51:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 06 14:10:15 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072686.D
Acq: 07 Jun 2022 14:30

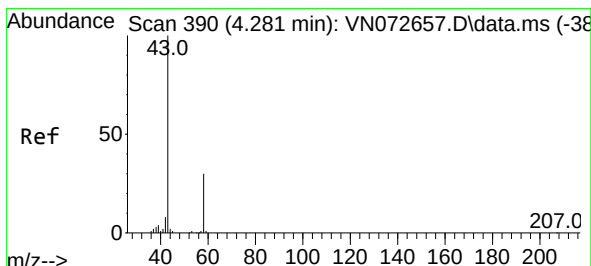
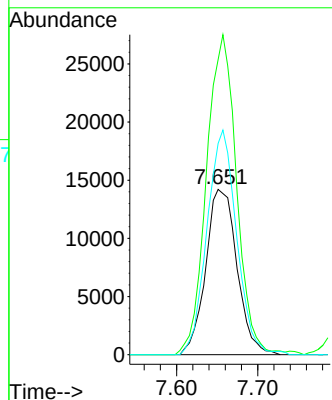
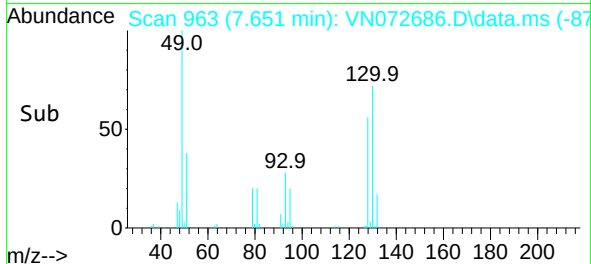
Instrument :
MSVOA_N
ClientSampleId :
14B-4



Tgt Ion: 128 Resp: 3809
Ion Ratio Lower Upper
128 100
49 184.6 0.0 392.3
130 128.5 0.0 320.2

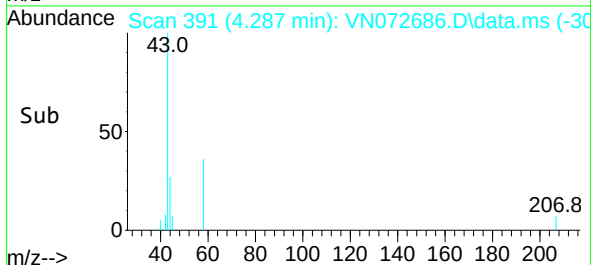
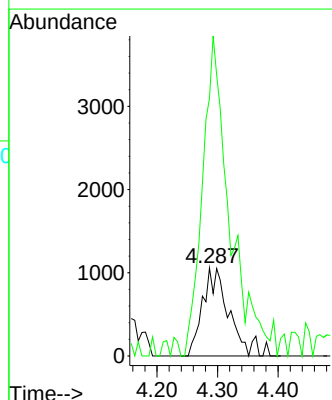
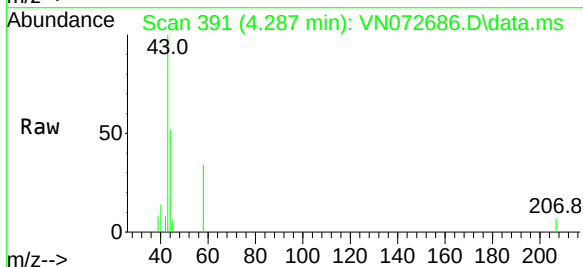
Manual Integrations
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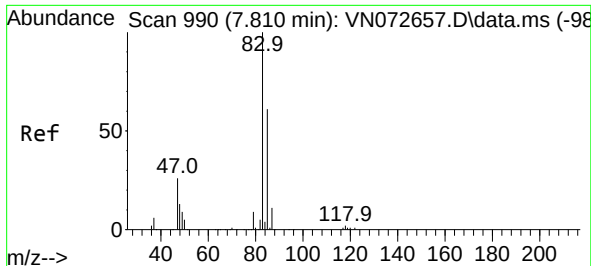
Reviewed By : John Carlone 06/08/2022
Supervised By : Mahesh Dadoda 06/08/2022



#15
Acetone
Concen: 5.641 ug/l m
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072686.D
Acq: 07 Jun 2022 14:30

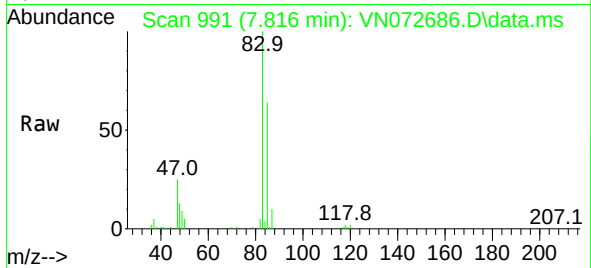
Tgt Ion: 58 Resp: 3233
Ion Ratio Lower Upper
58 100
43 292.8 256.6 384.8





#25
Chloroform
Concen: 22.533 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072686.D
Acq: 07 Jun 2022 14:30

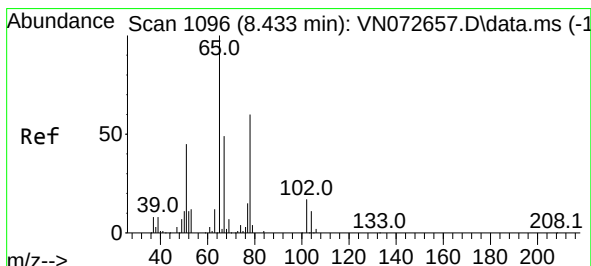
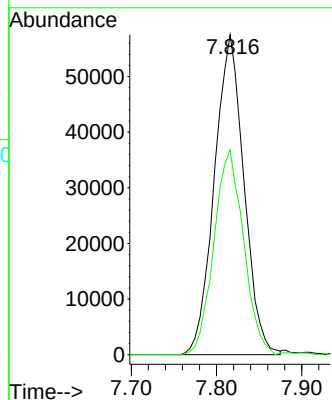
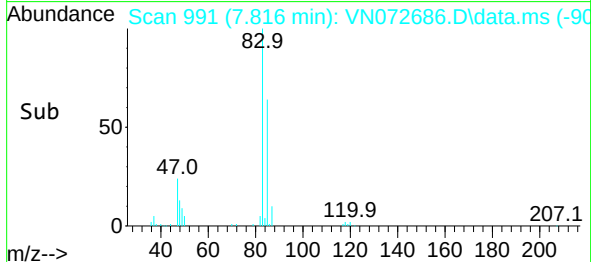
Instrument :
MSVOA_N
ClientSampleId :
14B-4



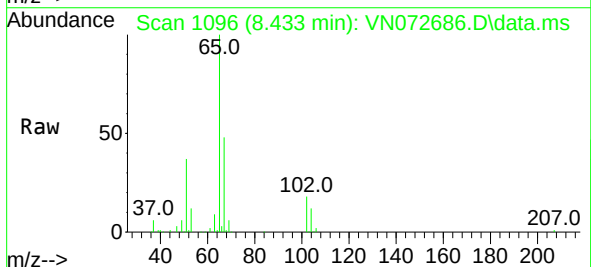
Tgt Ion: 83 Resp: 13848
Ion Ratio Lower Upper
83 100
85 64.1 51.3 76.9

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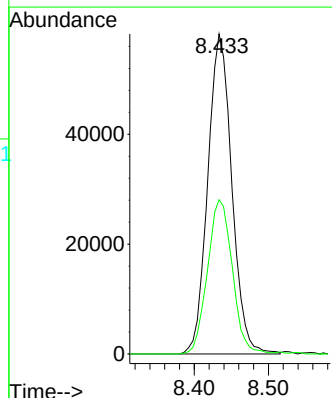
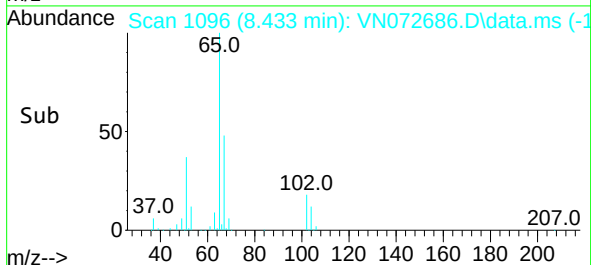
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

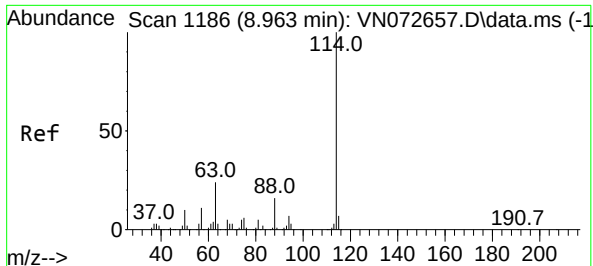


#27
1,2-Dichloroethane-d4
Concen: 30.232 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072686.D
Acq: 07 Jun 2022 14:30



Tgt Ion: 65 Resp: 131349
Ion Ratio Lower Upper
65 100
67 49.6 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072686.D

Acq: 07 Jun 2022 14:30

Instrument :

MSVOA_N

ClientSampleId :

14B-4

Tgt Ion: 114 Resp: 223239

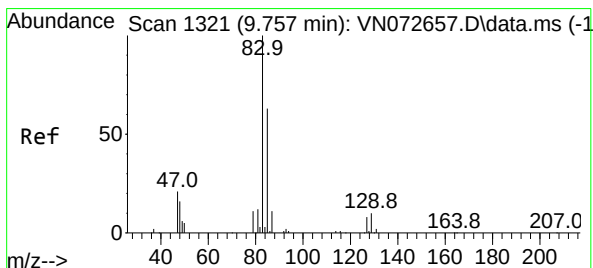
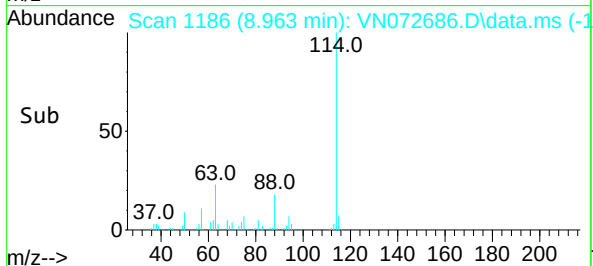
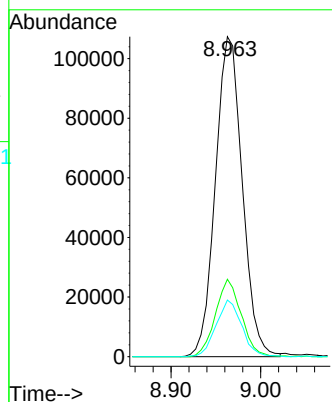
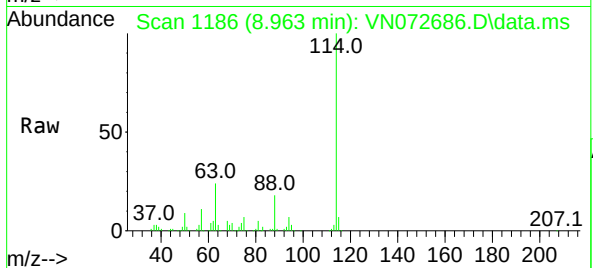
Ion	Ratio	Lower	Upper
114	100		
63	23.2	15.8	23.6
88	16.9	11.6	17.4

Manual Integrations

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#41

Bromodichloromethane

Concen: 2.261 ug/l

RT: 9.757 min Scan# 1321

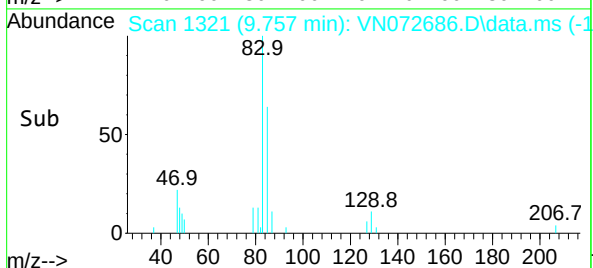
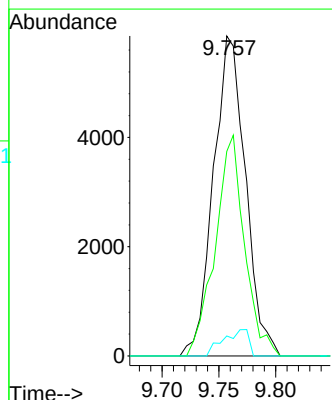
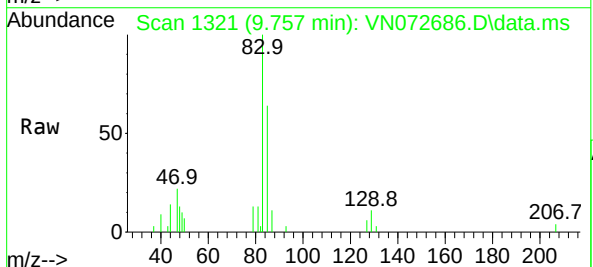
Delta R.T. 0.000 min

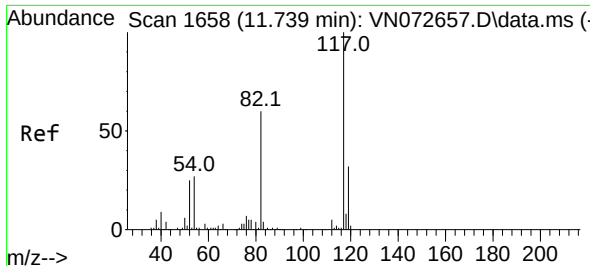
Lab File: VN072686.D

Acq: 07 Jun 2022 14:30

Tgt Ion: 83 Resp: 11484

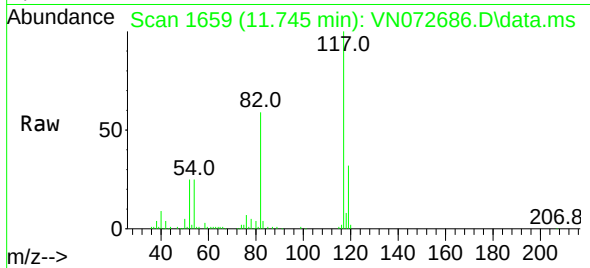
Ion	Ratio	Lower	Upper
83	100		
85	63.9	54.1	81.1
127	6.2	7.6	11.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN072686.D
Acq: 07 Jun 2022 14:30

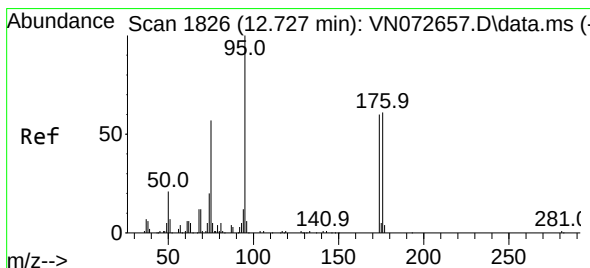
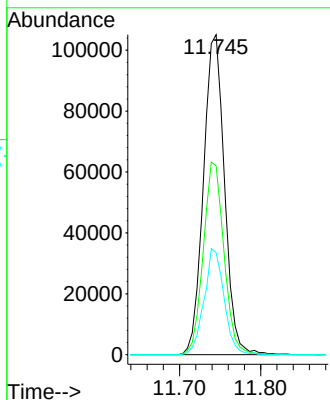
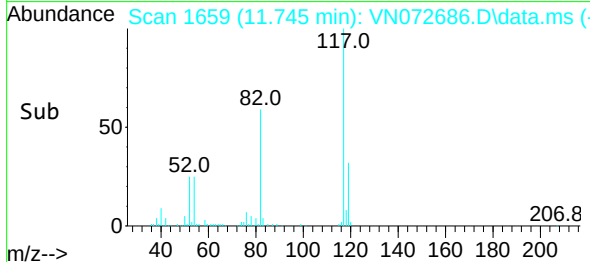
Instrument :
MSVOA_N
ClientSampleId :
14B-4



Tgt Ion: 117 Resp: 18914
Ion Ratio Lower Upper
117 100
82 59.3 43.6 65.4
119 31.3 25.8 38.6

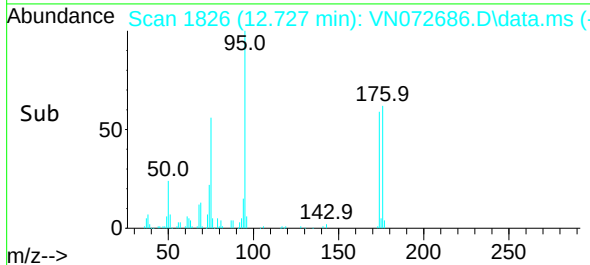
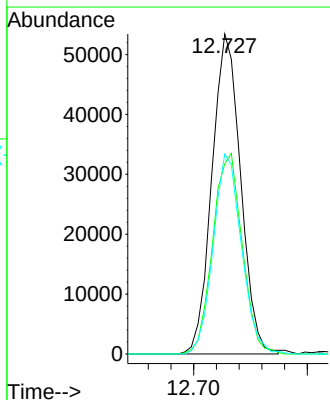
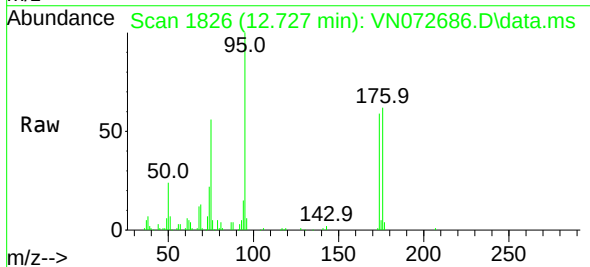
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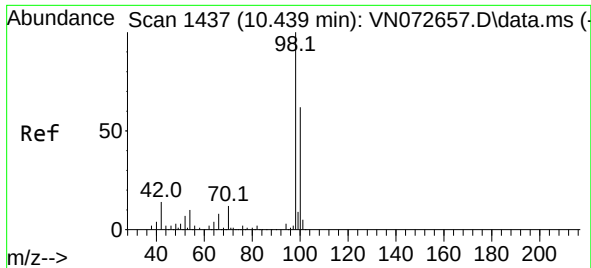
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#60
4-Bromofluorobenzene
Concen: 24.096 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072686.D
Acq: 07 Jun 2022 14:30

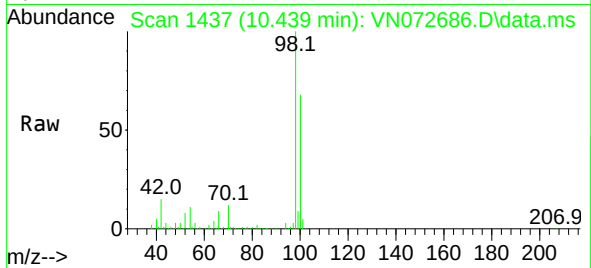
Tgt Ion: 95 Resp: 93742
Ion Ratio Lower Upper
95 100
174 64.2 62.9 94.3
176 61.5 61.0 91.4





#63
Toluene-d8
Concen: 31.197 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072686.D
Acq: 07 Jun 2022 14:30

Instrument :
MSVOA_N
ClientSampleId :
14B-4



Tgt Ion: 98 Resp: 326874
Ion Ratio Lower Upper
98 100
100 64.9 50.6 76.0

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