

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060722\
 Data File : VN072687.D
 Acq On : 07 Jun 2022 14:54
 Operator : JC\MD
 Sample : N3198-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Manual Integrations
 APPROVED

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

Quant Time: Jun 08 09:52:06 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	7.663	128	36443	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	8.963	114	217229	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.745	117	183885	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	129438	31.143	ug/l	0.00
Spiked Amount	30.000	Range 91 - 110	Recovery	= 103.800%		
60) 4-Bromofluorobenzene	12.727	95	92855	24.551	ug/l	0.00
Spiked Amount	30.000	Range 63 - 112	Recovery	= 81.833%		
63) Toluene-d8	10.439	98	321822	31.593	ug/l	0.00
Spiked Amount	30.000	Range 91 - 112	Recovery	= 105.300%		
Target Compounds						Qvalue
15) Acetone	4.299	58	2724m	4.968	ug/l	
25) Chloroform	7.816	83	130306	22.164	ug/l	100
41) Bromodichloromethane	9.763	83	8717	1.764	ug/l #	92

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

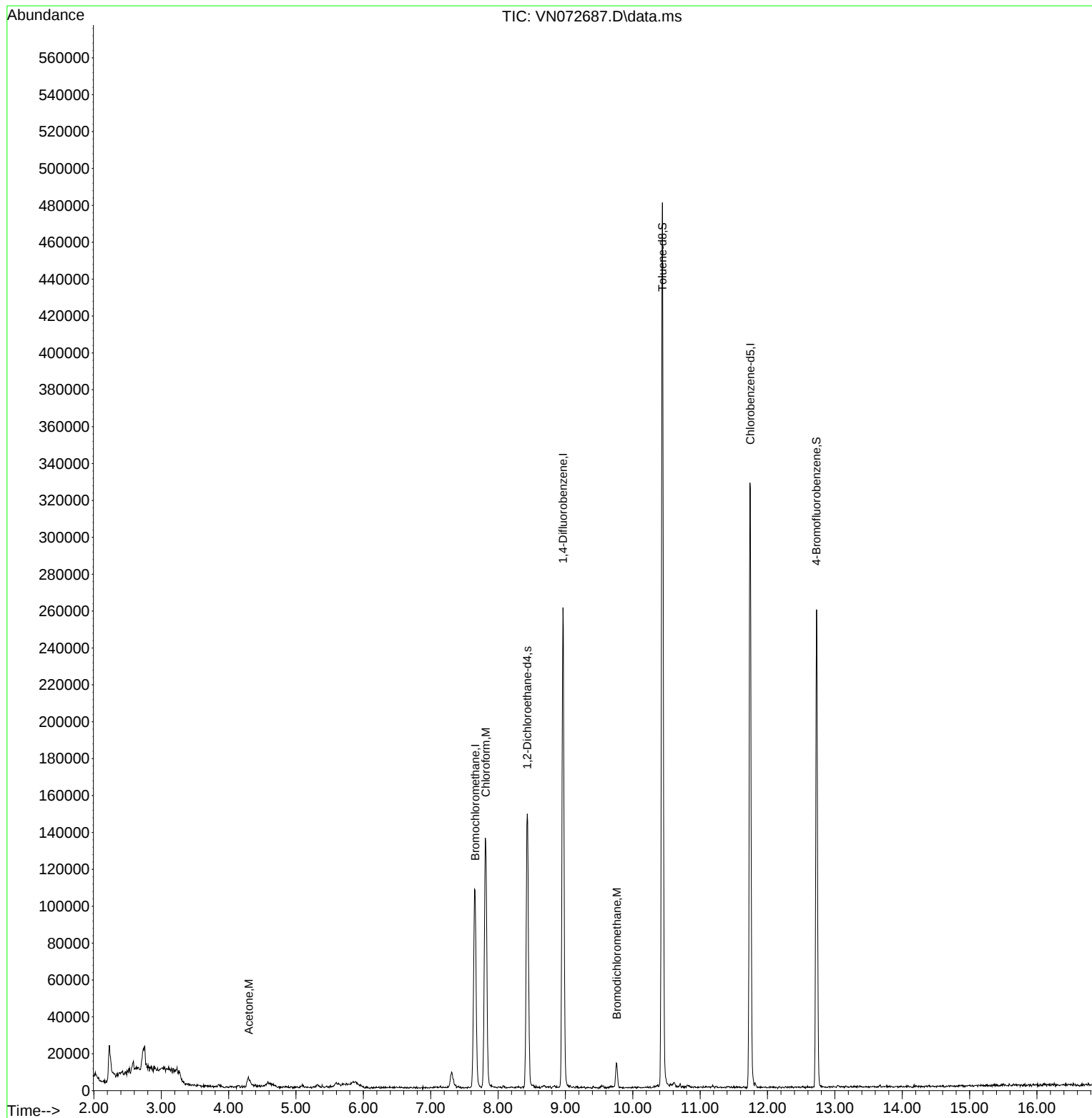
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060722\
Data File : VN072687.D
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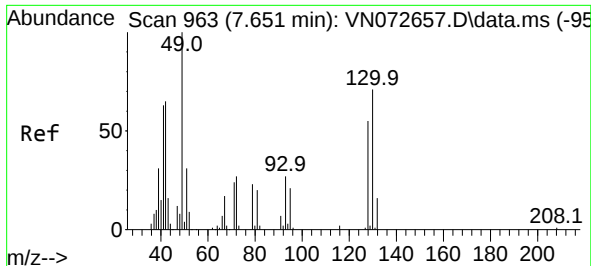
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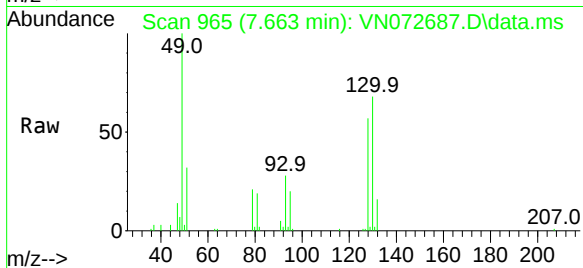
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 06 14:10:15 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.663 min Scan# 90
Delta R.T. 0.012 min
Lab File: VN072687.D
Acq: 07 Jun 2022 14:54

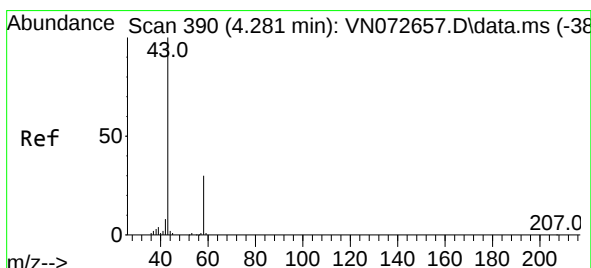
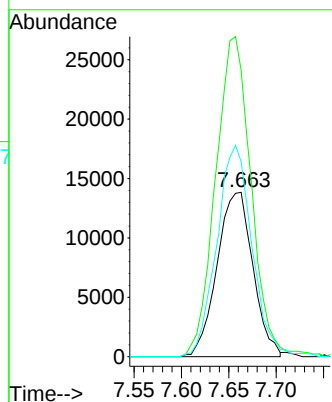
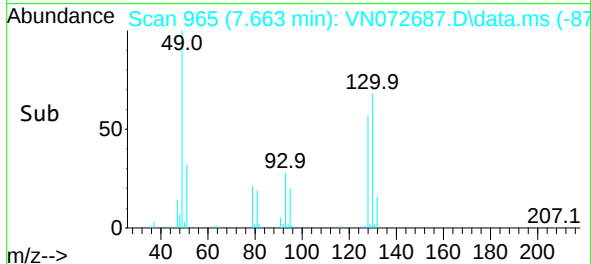
Instrument :
MSVOA_N
ClientSampleId :
14B-1



Tgt Ion:128 Resp: 3644
Ion Ratio Lower Upper
128 100
49 191.4 0.0 392.3
130 125.8 0.0 320.2

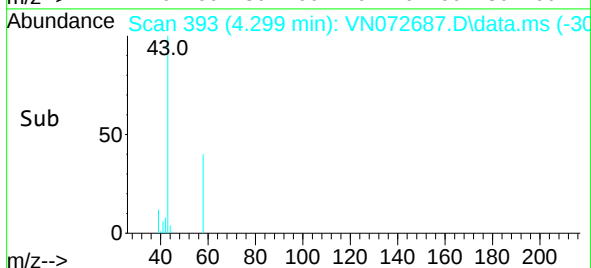
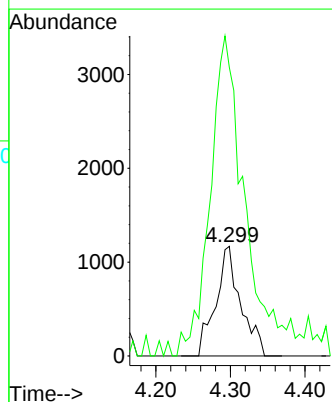
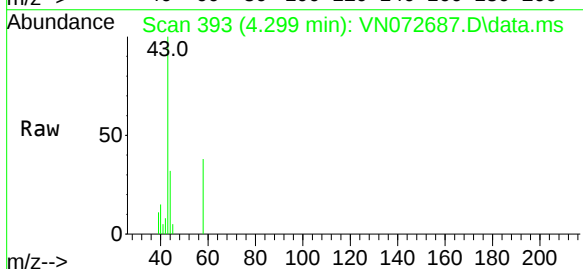
Manual Integrations
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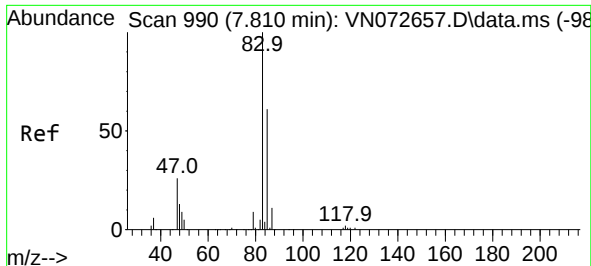
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#15
Acetone
Concen: 4.968 ug/l m
RT: 4.299 min Scan# 393
Delta R.T. 0.018 min
Lab File: VN072687.D
Acq: 07 Jun 2022 14:54

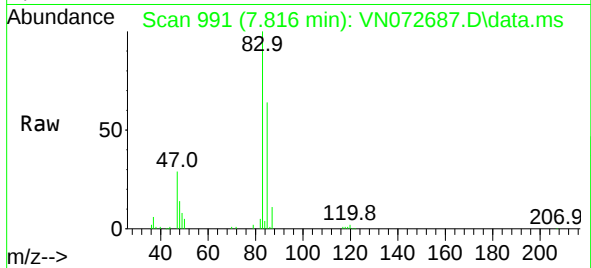
Tgt Ion: 58 Resp: 2724
Ion Ratio Lower Upper
58 100
43 263.4 256.6 384.8





#25
Chloroform
Concen: 22.164 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072687.D
Acq: 07 Jun 2022 14:54

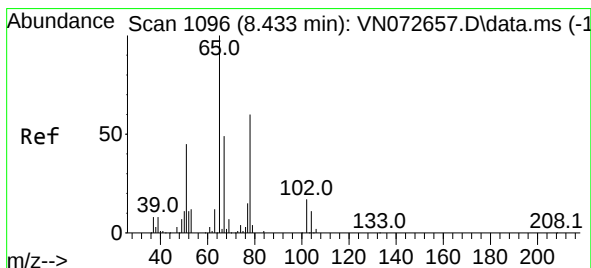
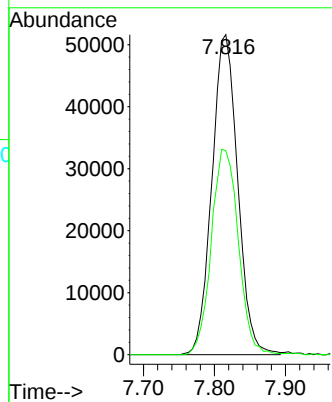
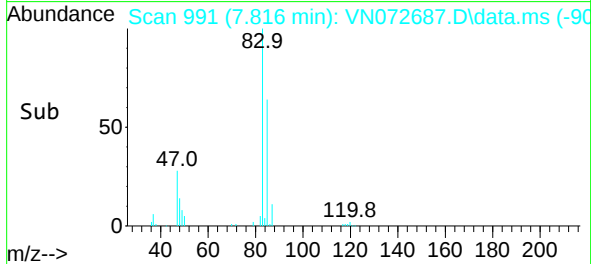
Instrument :
MSVOA_N
ClientSampleId :
14B-1



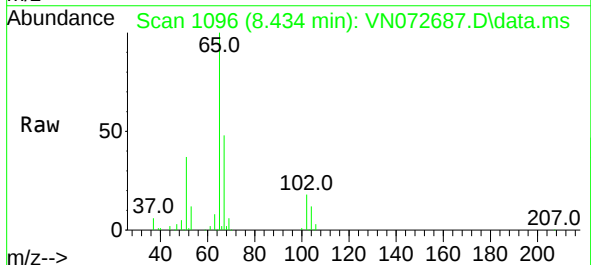
Tgt Ion: 83 Resp: 130300
Ion Ratio Lower Upper
83 100
85 63.8 51.3 76.9

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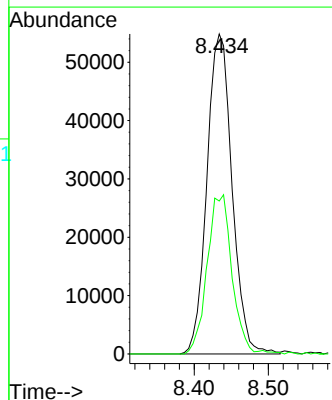
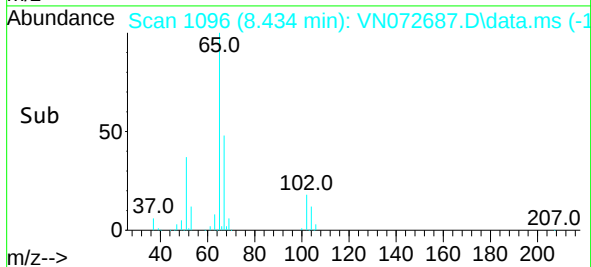
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

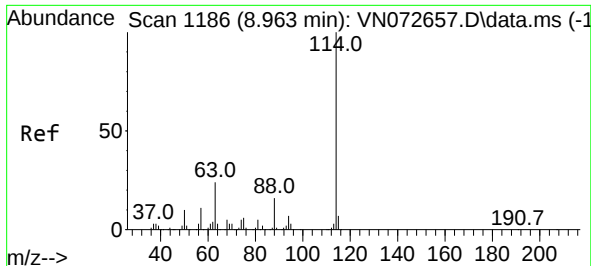


#27
1,2-Dichloroethane-d4
Concen: 31.143 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072687.D
Acq: 07 Jun 2022 14:54



Tgt Ion: 65 Resp: 129438
Ion Ratio Lower Upper
65 100
67 48.7 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: VN072687.D

Acq: 07 Jun 2022 14:54

Instrument :

MSVOA_N

ClientSampleId :

14B-1

Tgt Ion: 114 Resp: 217229

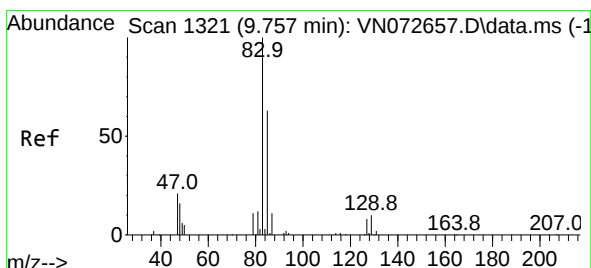
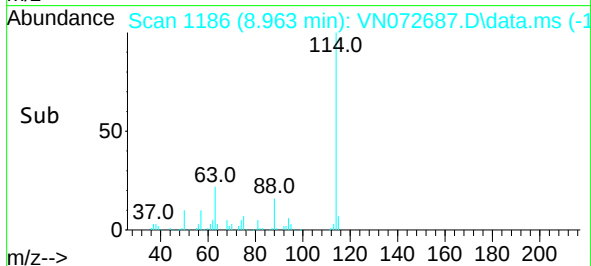
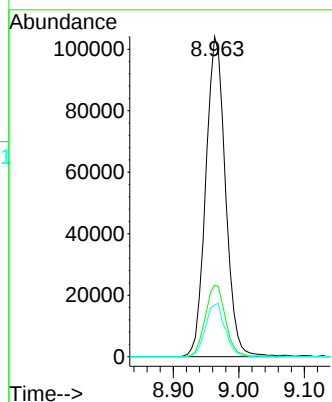
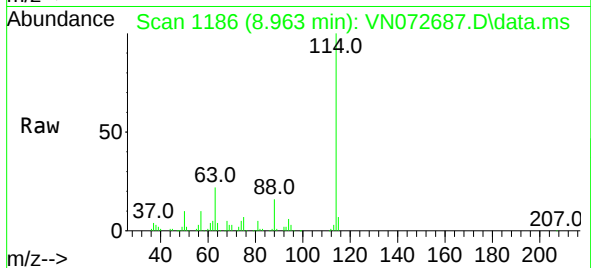
Ion	Ratio	Lower	Upper
114	100		
63	22.9	15.8	23.6
88	16.5	11.6	17.4

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#41

Bromodichloromethane

Concen: 1.764 ug/l

RT: 9.763 min Scan# 1322

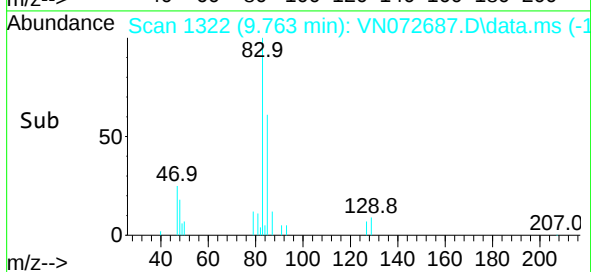
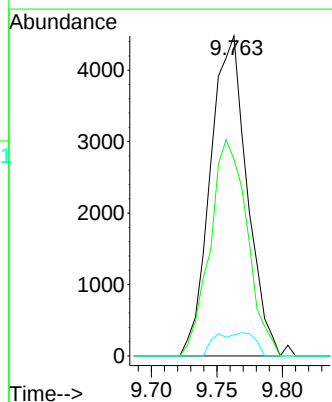
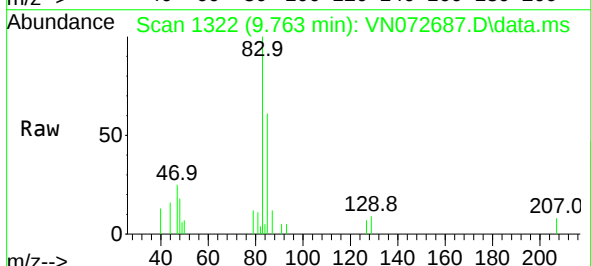
Delta R.T. 0.006 min

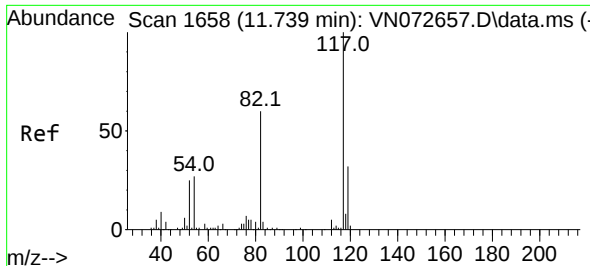
Lab File: VN072687.D

Acq: 07 Jun 2022 14:54

Tgt Ion: 83 Resp: 8717

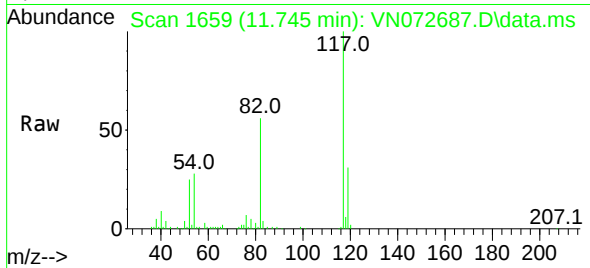
Ion	Ratio	Lower	Upper
83	100		
85	61.4	54.1	81.1
127	6.6	7.6	11.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN072687.D
Acq: 07 Jun 2022 14:54

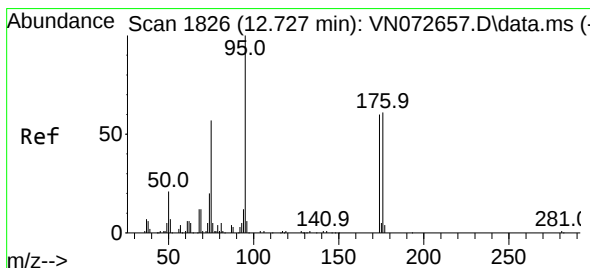
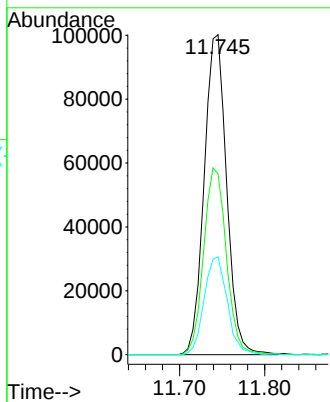
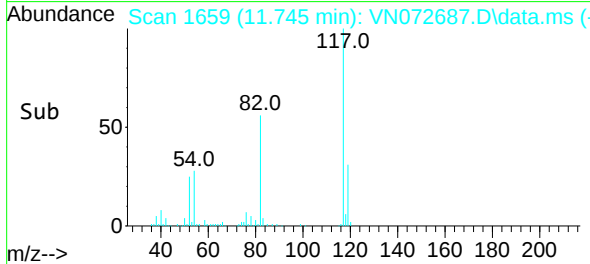
Instrument :
MSVOA_N
ClientSampleId :
14B-1



Tgt Ion:117 Resp: 18388
Ion Ratio Lower Upper
117 100
82 59.0 43.6 65.4
119 31.4 25.8 38.6

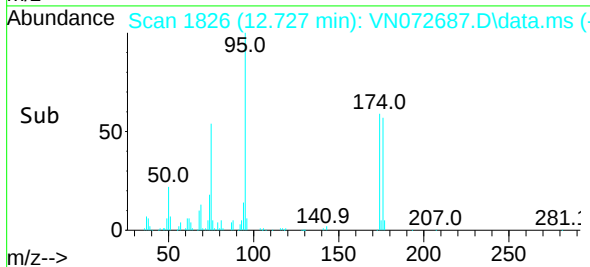
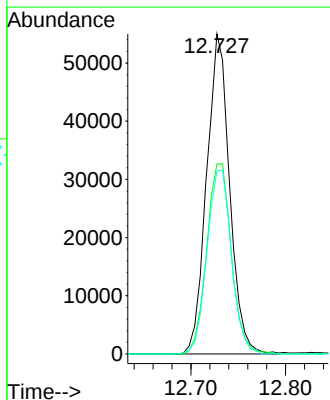
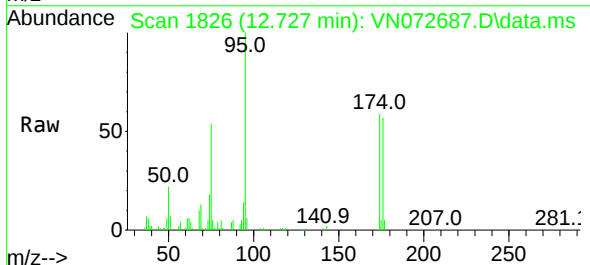
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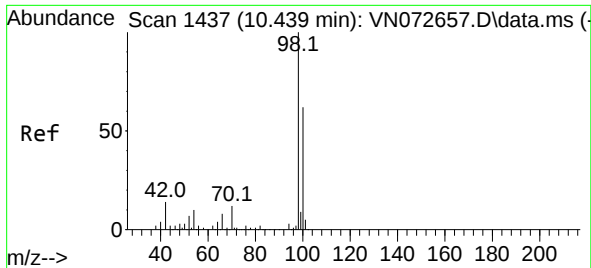
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#60
4-Bromofluorobenzene
Concen: 24.551 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072687.D
Acq: 07 Jun 2022 14:54

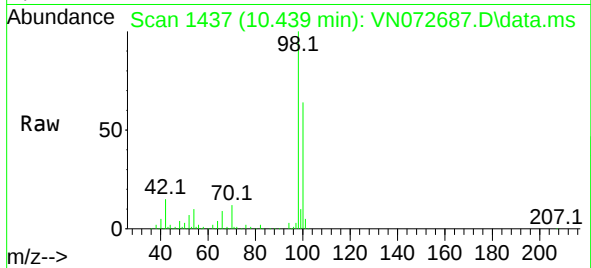
Tgt Ion: 95 Resp: 92855
Ion Ratio Lower Upper
95 100
174 63.8 62.9 94.3
176 61.1 61.0 91.4





#63
Toluene-d8
Concen: 31.593 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072687.D
Acq: 07 Jun 2022 14:54

Instrument :
MSVOA_N
ClientSampleId :
14B-1



Tgt Ion: 98 Resp: 32182
Ion Ratio Lower Upper
98 100
100 64.3 50.6 76.0

Manual Integrations
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