

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
 Data File : VN074070.D
 Acq On : 23 Aug 2022 16:01
 Operator : JC\MD
 Sample : N4291-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Y-7

Quant Time: Aug 24 01:21:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

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

Internal Standards						
1) Bromochloromethane	7.593	128	69984	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	361534	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	319229	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	183902	30.392	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.300%			
60) 4-Bromofluorobenzene	12.675	95	148595	26.289	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 87.633%			
63) Toluene-d8	10.381	98	508868	28.310	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 94.367%			
Target Compounds						
						Qvalue
15) Acetone	4.234	58	2641m	2.764	ug/l	
18) Methylene Chloride	5.016	84	1405	0.253	ug/l	92
25) Chloroform	7.745	83	324677	33.529	ug/l	100
37) Trichloroethene	9.151	130	1219	0.227	ug/l	90
41) Bromodichloromethane	9.698	83	13943	1.903	ug/l	91
61) Tetrachloroethene	10.916	164	4495	0.919	ug/l #	77

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

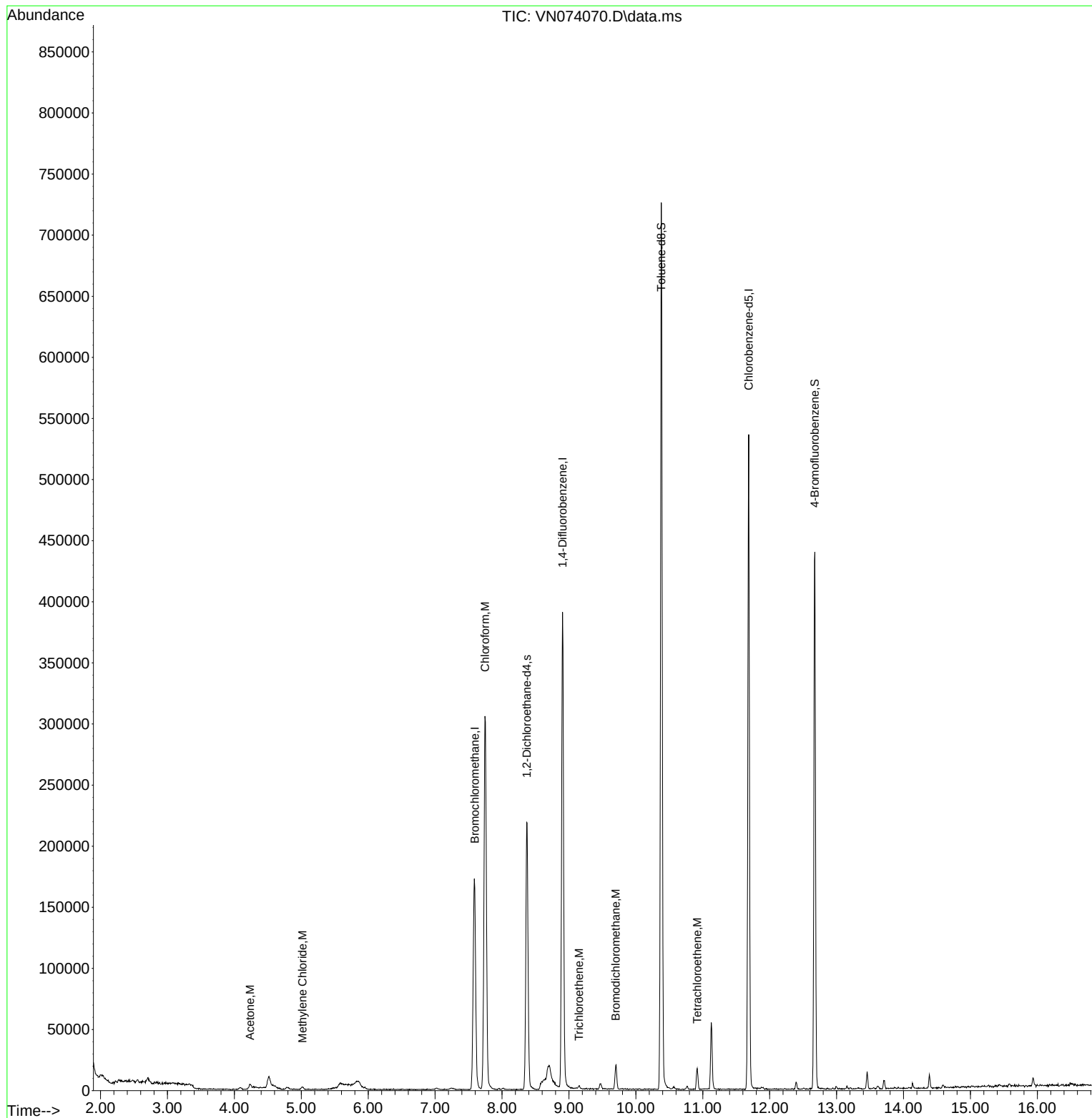
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
Data File : VN074070.D
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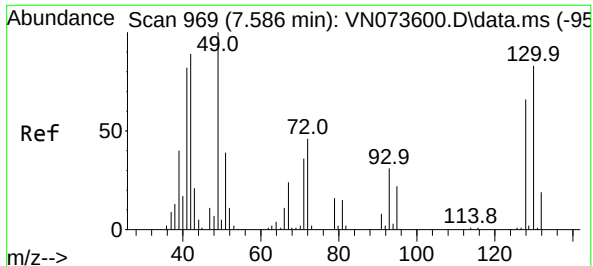
Instrument :
MSVOA_N
ClientSampleId :
Y-7

Quant Time: Aug 24 01:21:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
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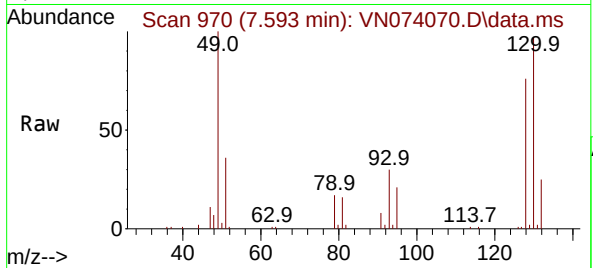
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.593 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074070.D
Acq: 23 Aug 2022 16:01

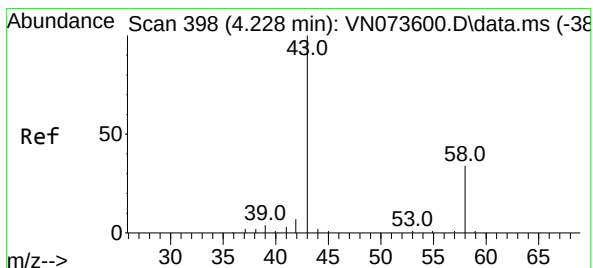
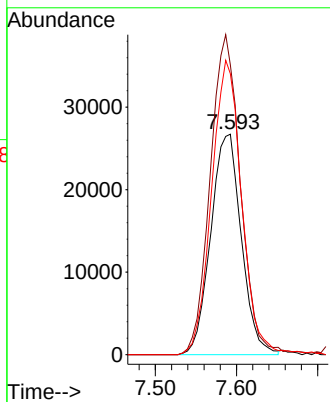
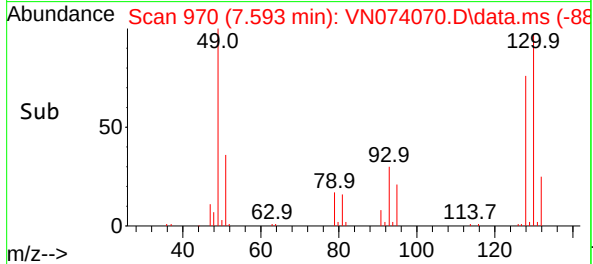
Instrument :
MSVOA_N
ClientSampleId :
Y-7



Tgt Ion:128 Resp: 69984
Ion Ratio Lower Upper
128 100
49 142.5 0.0 392.3
130 130.3 0.0 320.2

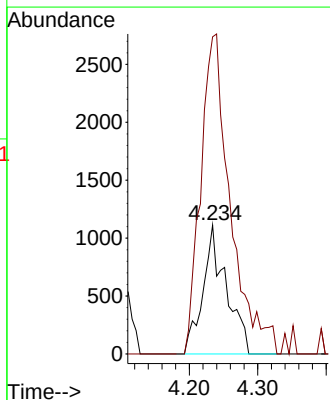
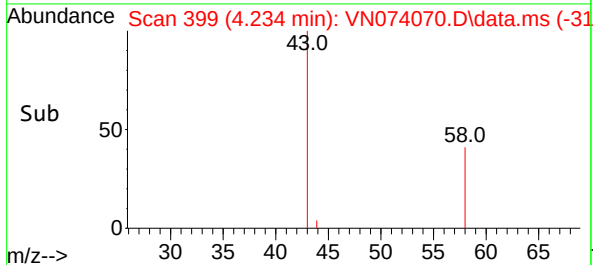
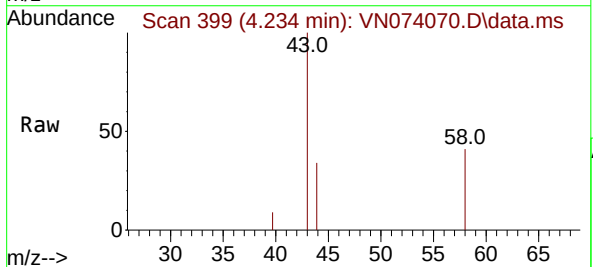
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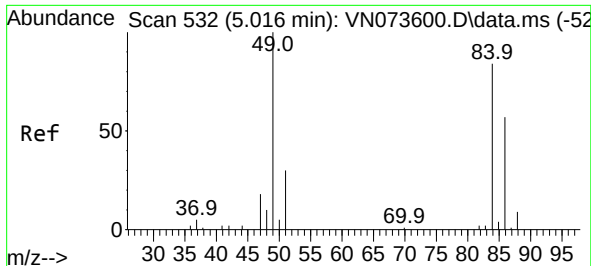
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#15
Acetone
Concen: 2.764 ug/l m
RT: 4.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: VN074070.D
Acq: 23 Aug 2022 16:01

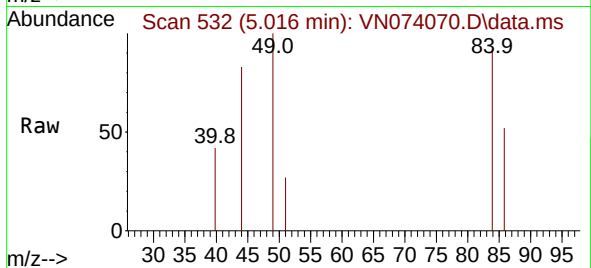
Tgt Ion: 58 Resp: 2641
Ion Ratio Lower Upper
58 100
43 246.0 256.6 384.8#





#18
Methylene Chloride
Concen: 0.253 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074070.D
Acq: 23 Aug 2022 16:01

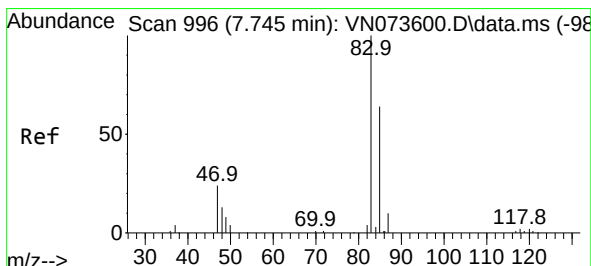
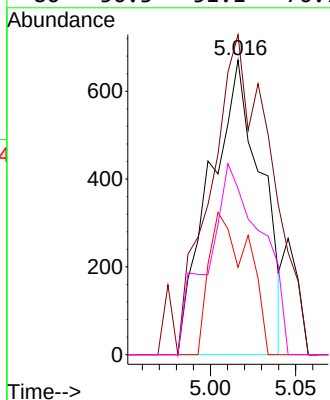
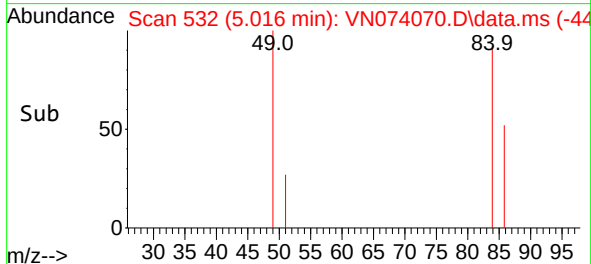
Instrument :
MSVOA_N
ClientSampleId :
Y-7



Tgt Ion: 84 Resp: 140
Ion Ratio Lower Upper
84 100
49 108.6 91.4 137.0
51 29.7 29.4 44.0
86 56.3 51.1 76.7

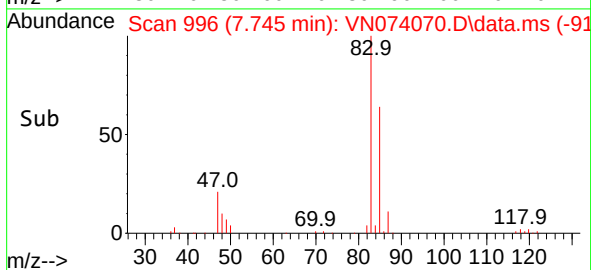
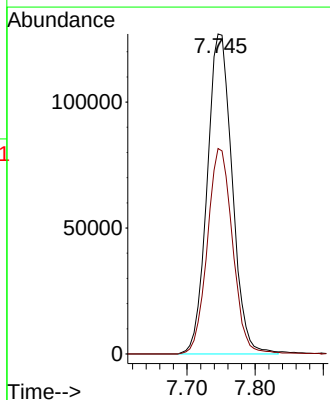
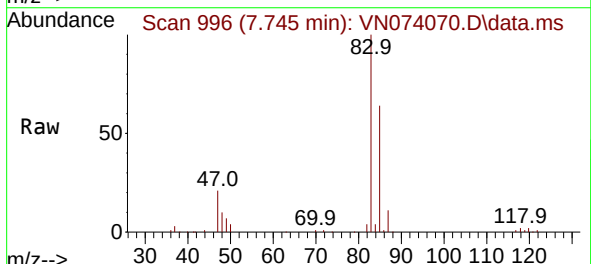
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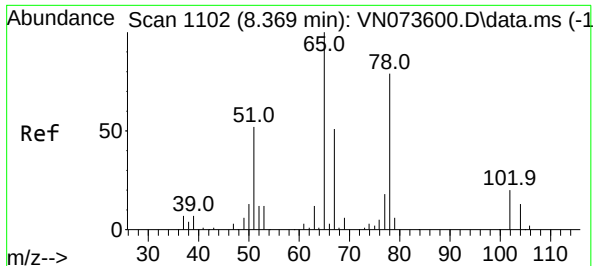
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#25
Chloroform
Concen: 33.529 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN074070.D
Acq: 23 Aug 2022 16:01

Tgt Ion: 83 Resp: 324677
Ion Ratio Lower Upper
83 100
85 64.2 51.3 76.9





#27

1,2-Dichloroethane-d4

Concen: 30.392 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074070.D

Acq: 23 Aug 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

Y-7

Tgt Ion: 65 Resp: 183902

Ion Ratio Lower Upper

65 100

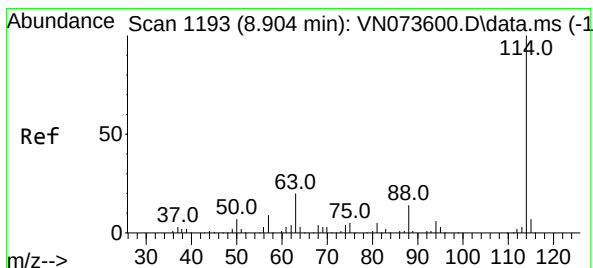
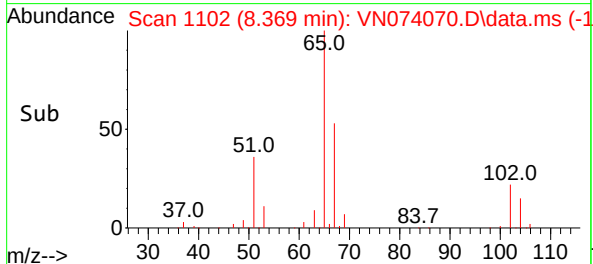
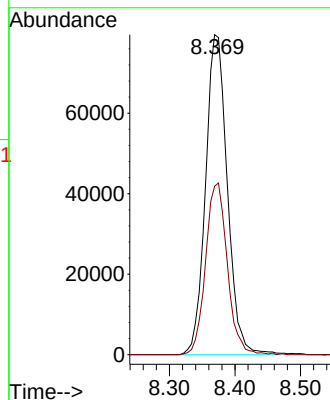
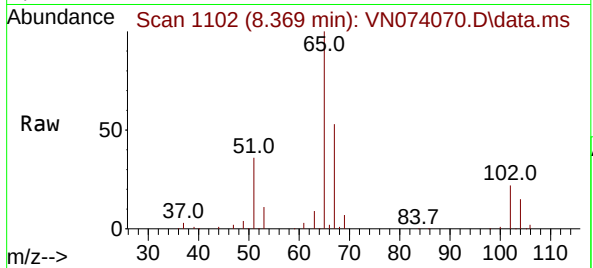
67 53.1 40.2 60.2

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074070.D

Acq: 23 Aug 2022 16:01

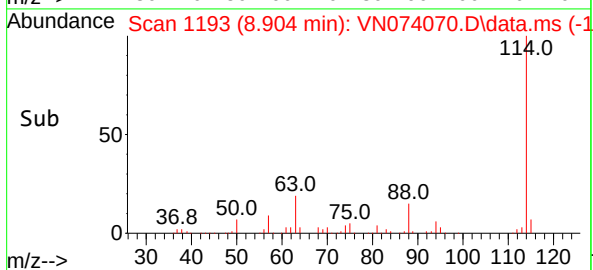
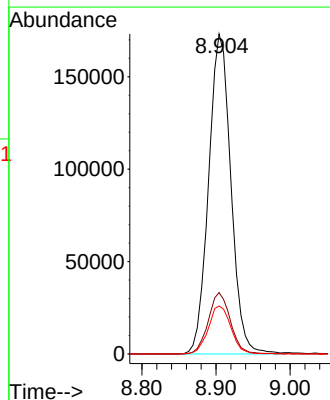
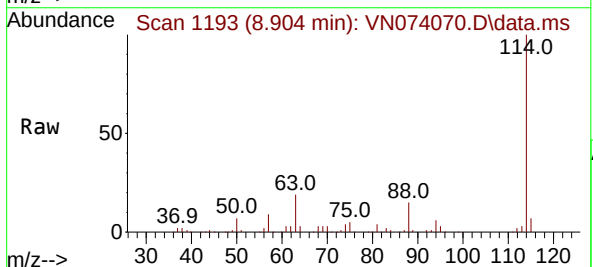
Tgt Ion:114 Resp: 361534

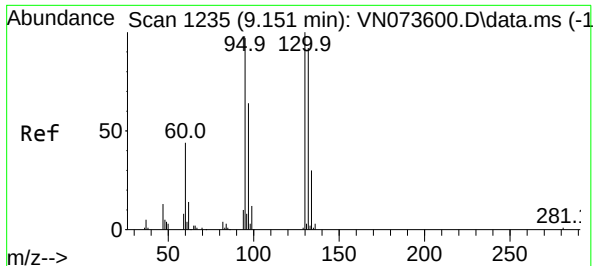
Ion Ratio Lower Upper

114 100

63 19.0 15.8 23.6

88 15.3 11.6 17.4





#37

Trichloroethene

Concen: 0.227 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VN074070.D

Acq: 23 Aug 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

Y-7

Tgt Ion:130 Resp: 1219

Ion Ratio Lower Upper

130 100

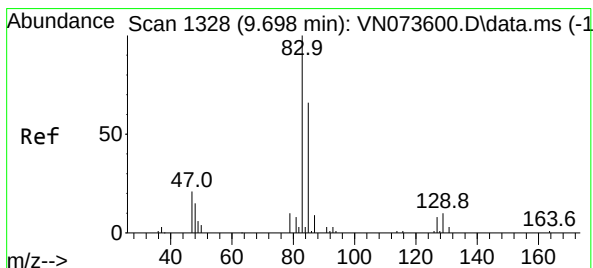
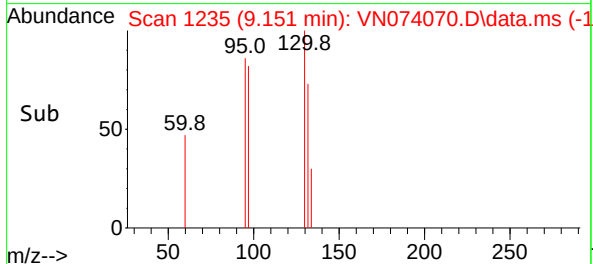
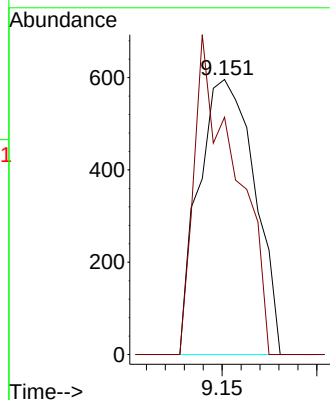
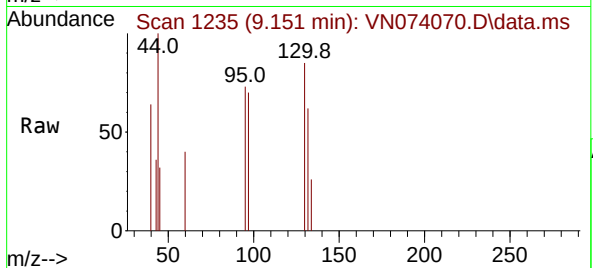
95 86.2 76.6 115.0

Manual Integrations

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Supervised By :Mahesh Dadoda 08/24/2022



#41

Bromodichloromethane

Concen: 1.903 ug/l

RT: 9.698 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VN074070.D

Acq: 23 Aug 2022 16:01

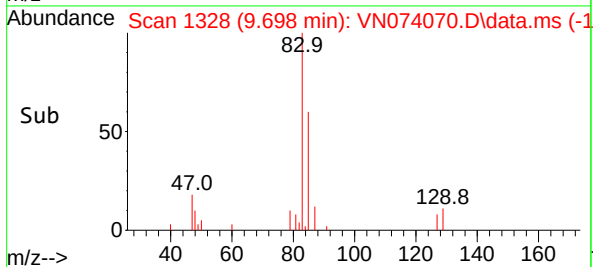
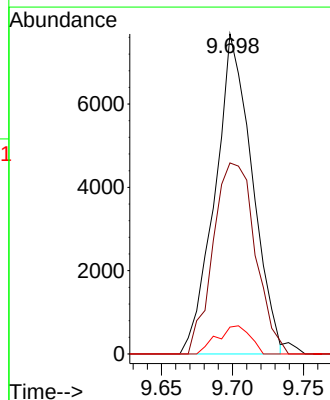
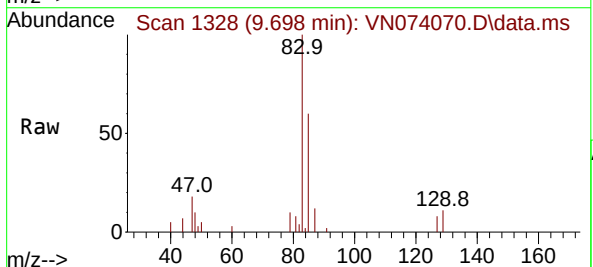
Tgt Ion: 83 Resp: 13943

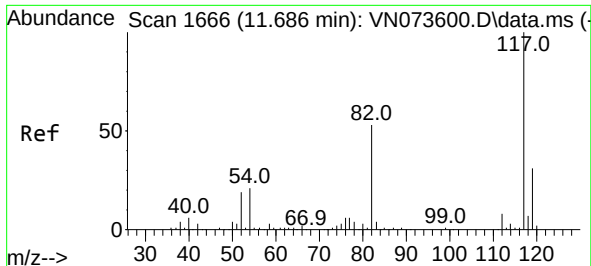
Ion Ratio Lower Upper

83 100

85 59.7 54.1 81.1

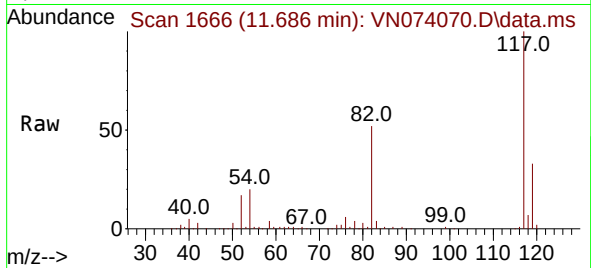
127 8.4 7.6 11.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074070.D
Acq: 23 Aug 2022 16:01

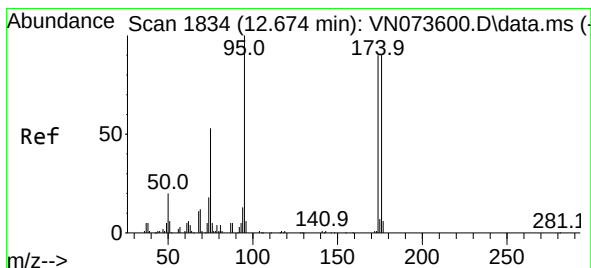
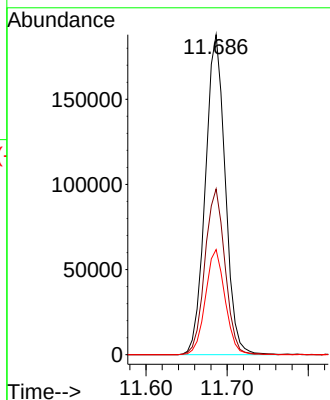
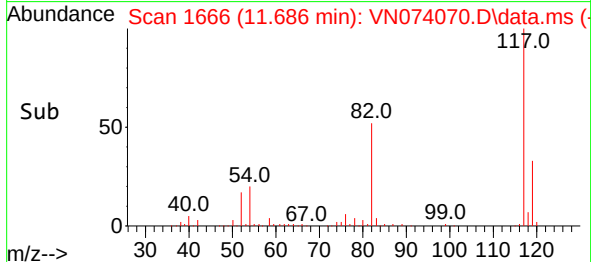
Instrument :
MSVOA_N
ClientSampleId :
Y-7



Tgt Ion: 117 Resp: 319229
Ion Ratio Lower Upper
117 100
82 52.5 43.6 65.4
119 32.5 25.8 38.6

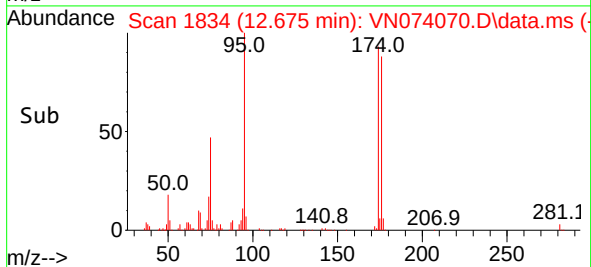
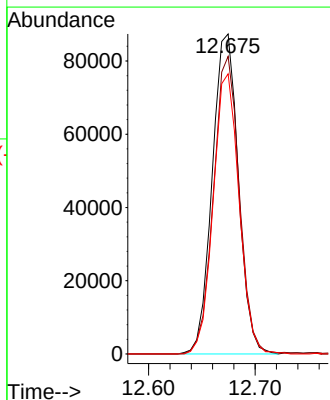
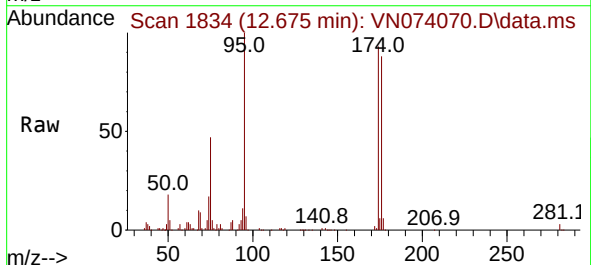
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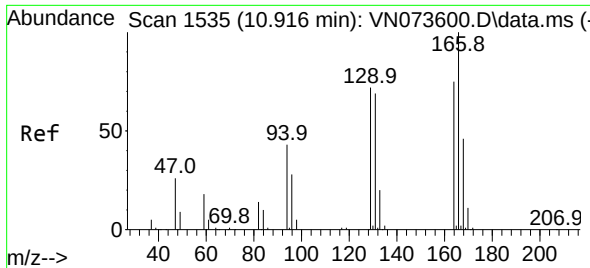
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#60
4-Bromofluorobenzene
Concen: 26.289 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074070.D
Acq: 23 Aug 2022 16:01

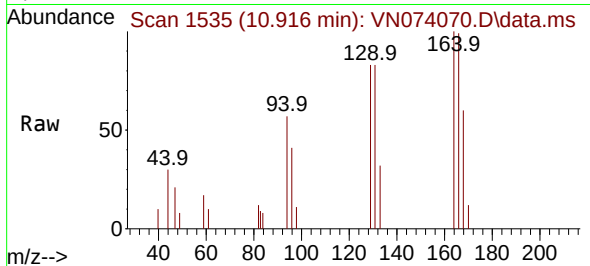
Tgt Ion: 95 Resp: 148595
Ion Ratio Lower Upper
95 100
174 92.1 62.9 94.3
176 86.7 61.0 91.4





#61
Tetrachloroethene
Concen: 0.919 ug/l
RT: 10.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074070.D
Acq: 23 Aug 2022 16:01

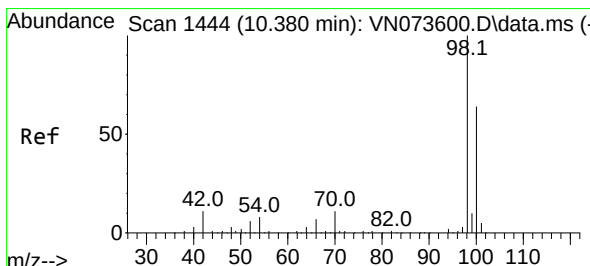
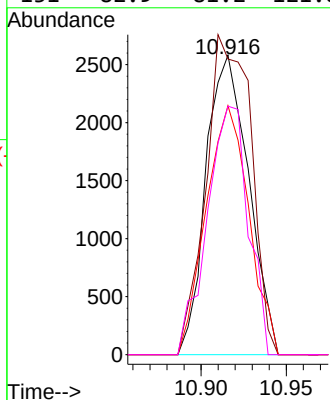
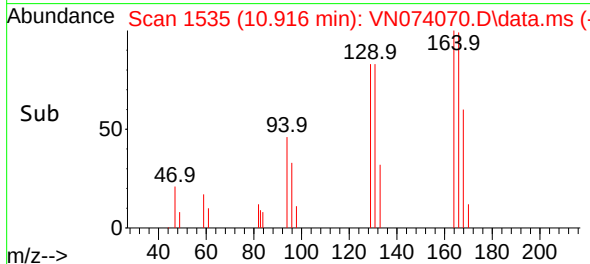
Instrument :
MSVOA_N
ClientSampleId :
Y-7



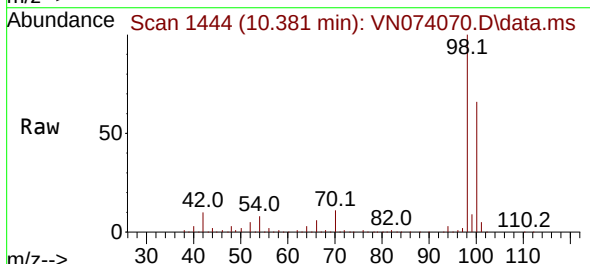
Tgt Ion:164 Resp: 449
Ion Ratio Lower Upper
164 100
166 98.7 105.8 158.8
129 83.1 82.5 123.7
131 82.9 81.2 121.8

Manual Integrations
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#63
Toluene-d8
Concen: 28.310 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074070.D
Acq: 23 Aug 2022 16:01



Tgt Ion: 98 Resp: 508868
Ion Ratio Lower Upper
98 100
100 65.1 50.6 76.0

