

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021622\
 Data File : VN070970.D
 Acq On : 16 Feb 2022 19:55
 Operator : JC\MD
 Sample : N1573-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23R

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/17/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 17 04:14:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	986212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1503670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1318949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	496055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	543420	48.237	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.480%		
35) Dibromofluoromethane	8.022	113	437400	48.905	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.820%		
50) Toluene-d8	10.439	98	1780314	49.566	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.140%		
62) 4-Bromofluorobenzene	12.727	95	556604	43.354	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.700%		
Target Compounds						Qvalue
16) Acetone	4.293	43	74020	11.931	ug/l	95
19) Methyl tert-butyl Ether	5.616	73	48253	1.425	ug/l #	55
31) Cyclohexane	8.086	56	103362	5.305	ug/l #	89
37) Ethyl Acetate	7.416	43	194236	12.360	ug/l	98
39) Methylcyclohexane	9.457	83	6779m	0.360	ug/l	
40) Benzene	8.457	78	34631	0.799	ug/l	98
73) Isopropylbenzene	12.574	105	44322	1.110	ug/l	100
78) n-propylbenzene	12.916	91	47407	1.057	ug/l	96
95) Naphthalene	15.504	128	22344	5.897	ug/l	97

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

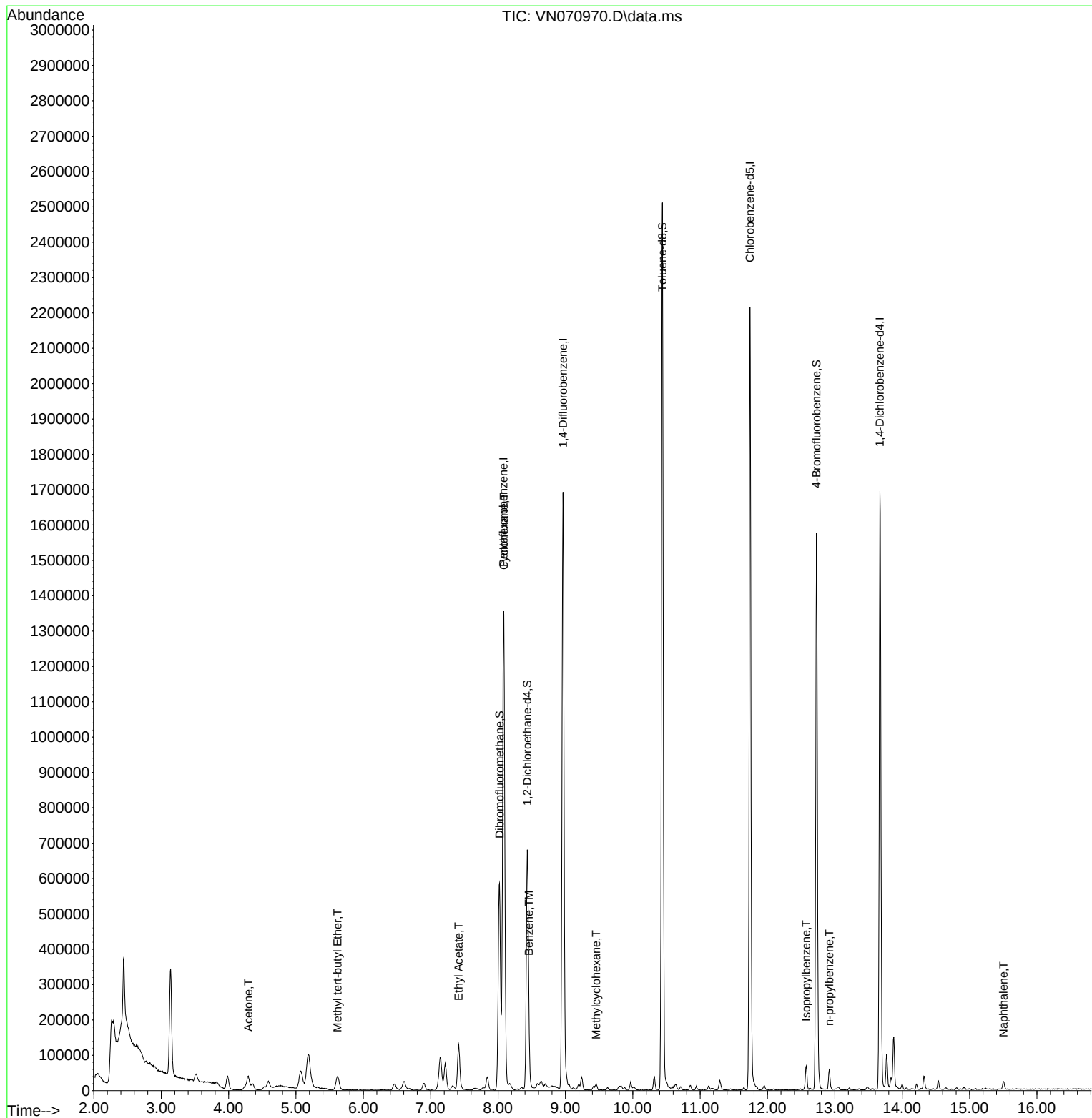
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021622\
Data File : VN070970.D
Acq On : 16 Feb 2022 19:55
Operator : JC\MD
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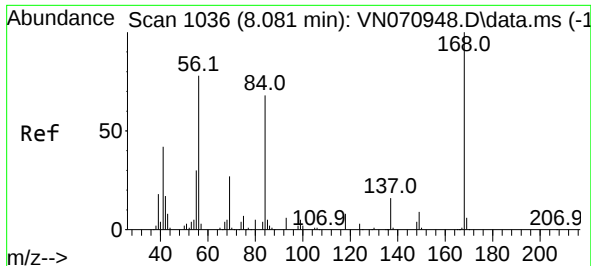
Instrument :
MSVOA_N
ClientSampleId :
MW-23R

Quant Time: Feb 17 04:14:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 16 07:52:42 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

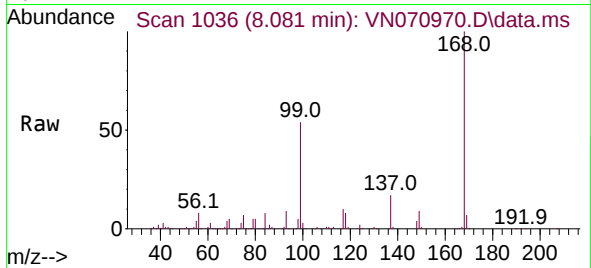
Reviewed By : John Carlone 02/17/2022
Supervised By : Mahesh Dadoda 02/21/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN070970.D
Acq: 16 Feb 2022 19:55

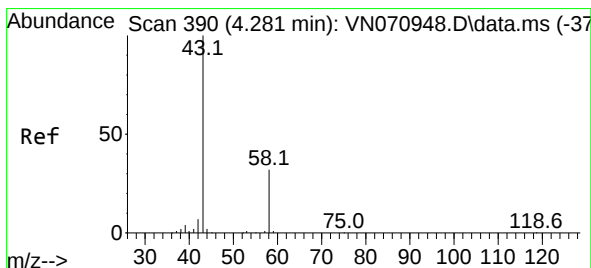
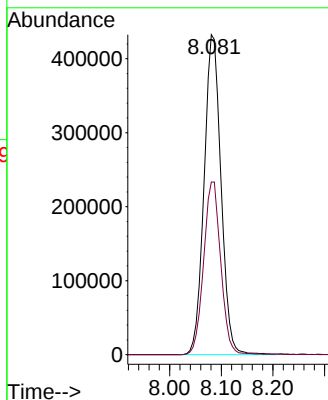
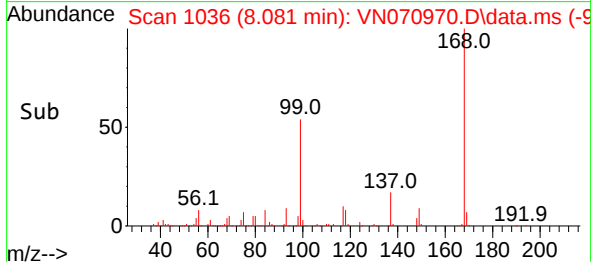
Instrument :
MSVOA_N
ClientSampleId :
MW-23R



Tgt Ion:168 Resp: 98621
Ion Ratio Lower Upper
168 100
99 53.9 41.3 61.9

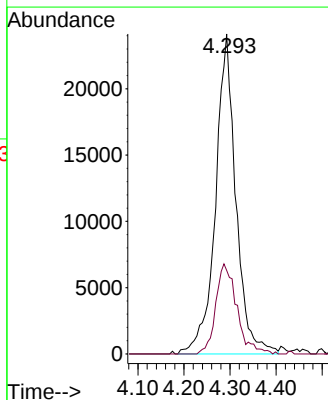
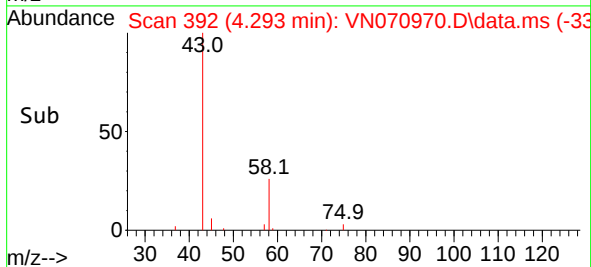
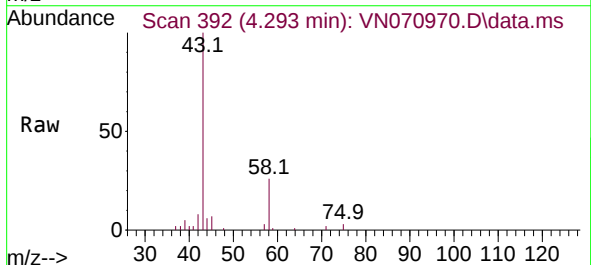
Manual Integrations
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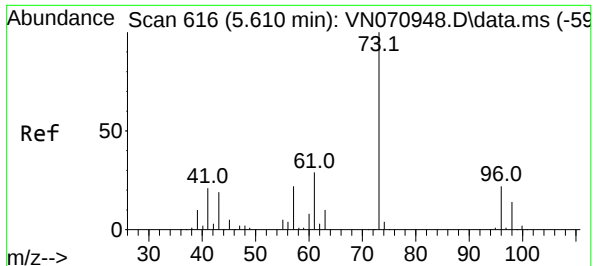
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#16
Acetone
Concen: 11.931 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN070970.D
Acq: 16 Feb 2022 19:55

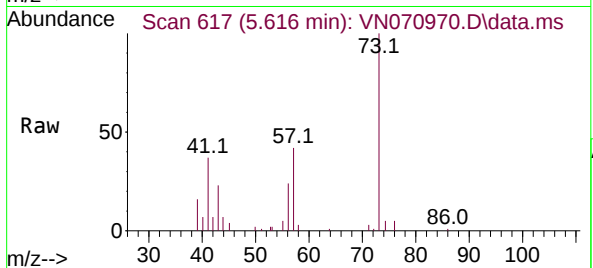
Tgt Ion: 43 Resp: 74020
Ion Ratio Lower Upper
43 100
58 26.1 23.1 34.7





#19
Methyl tert-butyl Ether
Concen: 1.425 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN070970.D
Acq: 16 Feb 2022 19:55

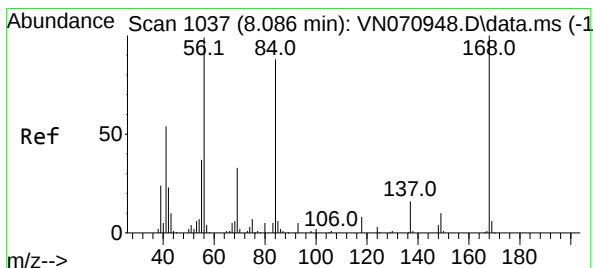
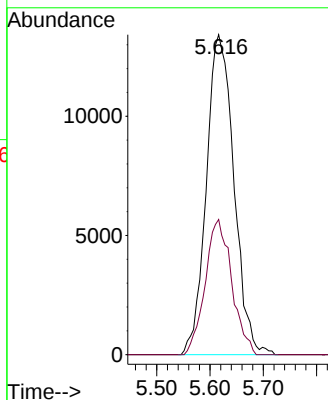
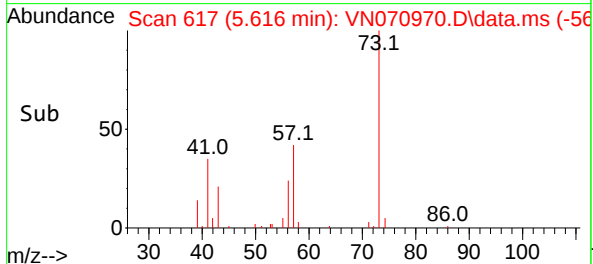
Instrument :
MSVOA_N
Client SampleId :
MW-23R



Tgt Ion: 73 Resp: 4825
Ion Ratio Lower Upper
73 100
57 42.2 16.8 25.2

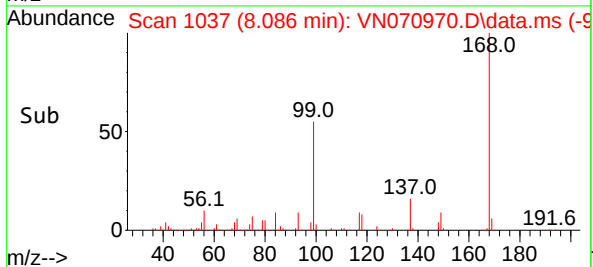
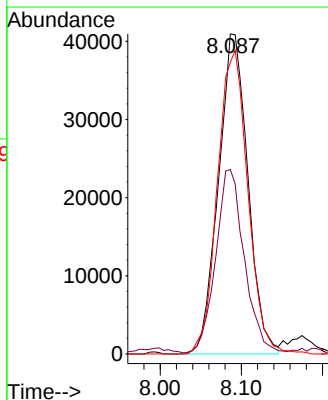
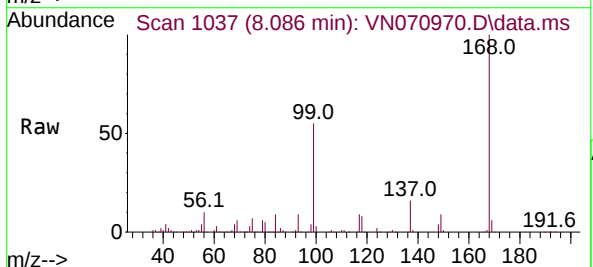
Manual Integrations
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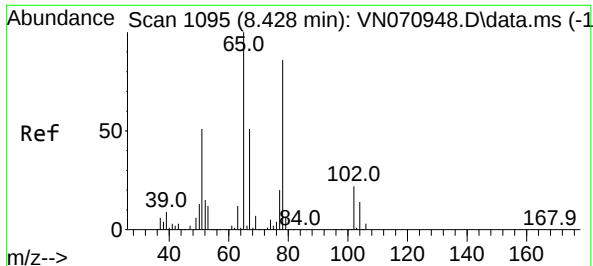
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#31
Cyclohexane
Concen: 5.305 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN070970.D
Acq: 16 Feb 2022 19:55

Tgt Ion: 56 Resp: 103362
Ion Ratio Lower Upper
56 100
69 56.9 27.1 40.7#
84 91.1 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 48.237 ug/l

RT: 8.434 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN070970.D

Acq: 16 Feb 2022 19:55

Instrument :

MSVOA_N

ClientSampleId :

MW-23R

Tgt Ion: 65 Resp: 543420

Ion Ratio Lower Upper

65 100

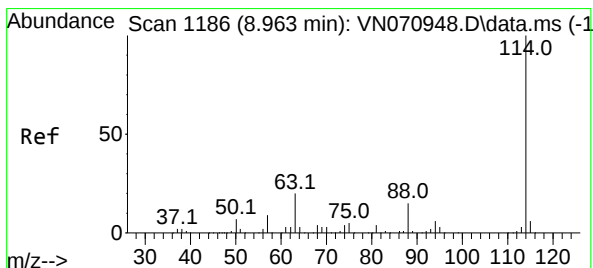
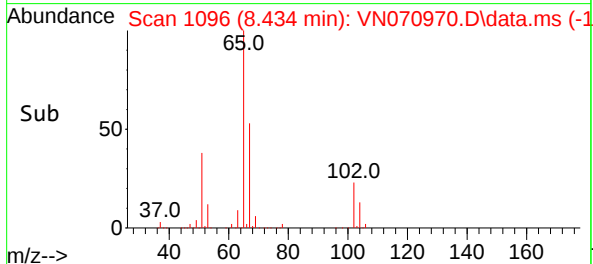
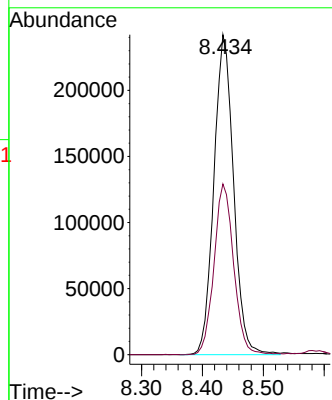
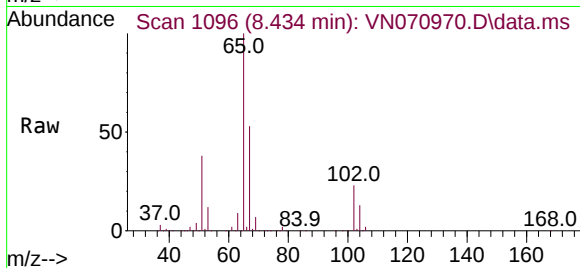
67 53.4 0.0 103.0

Manual Integrations

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Supervised By :Mahesh Dadoda 02/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN070970.D

Acq: 16 Feb 2022 19:55

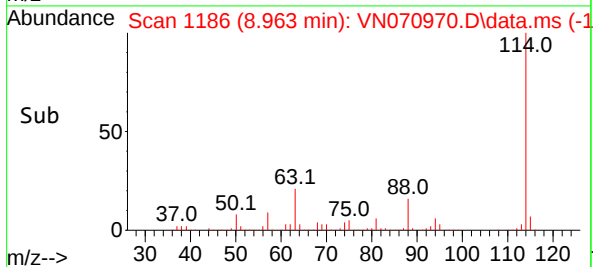
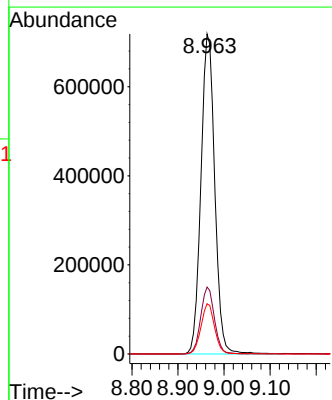
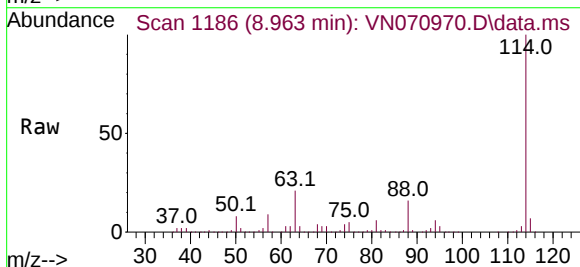
Tgt Ion:114 Resp: 1503670

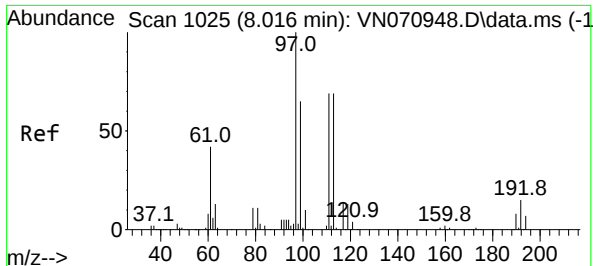
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.8

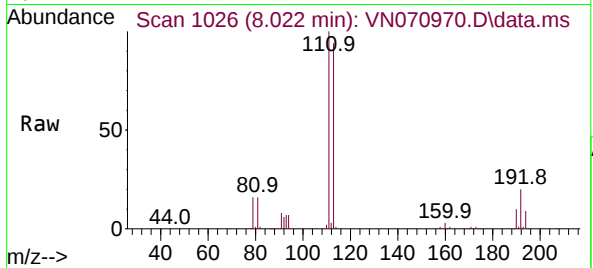
88 15.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.905 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN070970.D
Acq: 16 Feb 2022 19:55

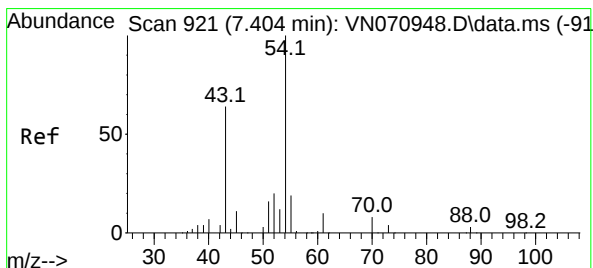
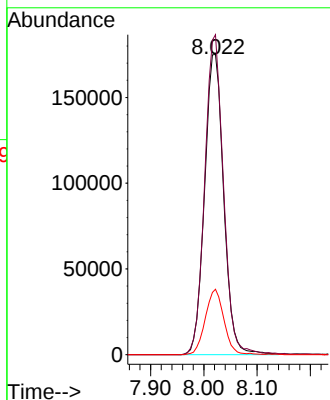
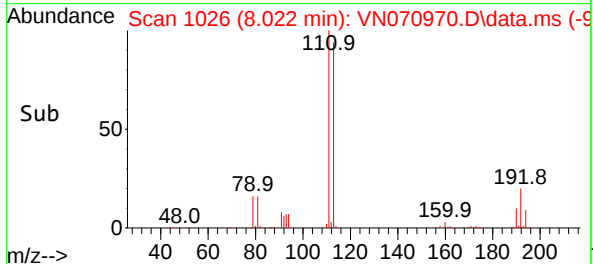
Instrument :
MSVOA_N
ClientSampleId :
MW-23R



Tgt Ion:113 Resp: 437400
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 21.2 16.9 25.3

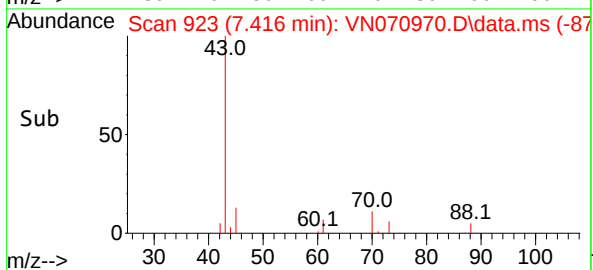
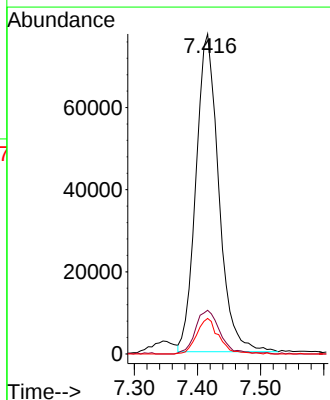
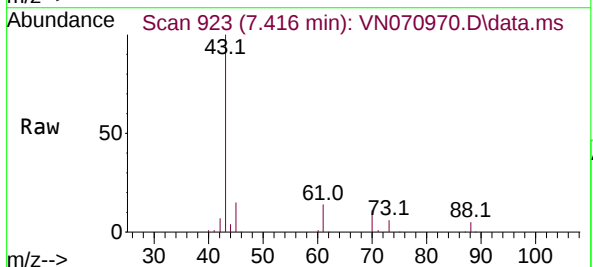
Manual Integrations
APPROVED

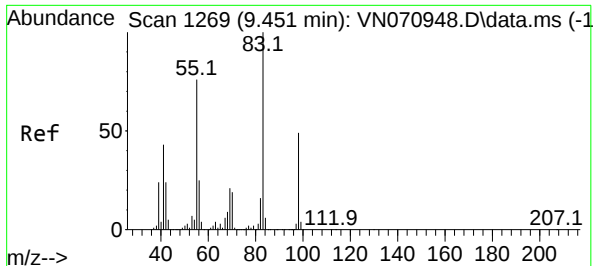
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#37
Ethyl Acetate
Concen: 12.360 ug/l
RT: 7.416 min Scan# 923
Delta R.T. 0.012 min
Lab File: VN070970.D
Acq: 16 Feb 2022 19:55

Tgt Ion: 43 Resp: 194236
Ion Ratio Lower Upper
43 100
61 14.8 11.5 17.3
70 10.9 7.9 11.9





#39

Methylcyclohexane

Concen: 0.360 ug/l m

RT: 9.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN070970.D

Acq: 16 Feb 2022 19:55

Instrument :

MSVOA_N

ClientSampleId :

MW-23R

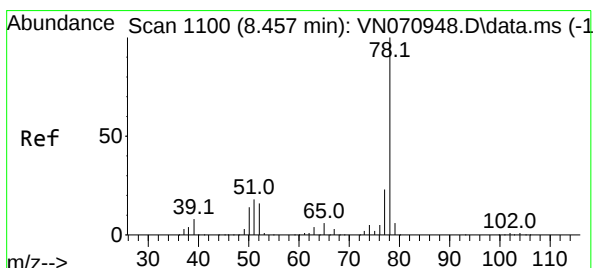
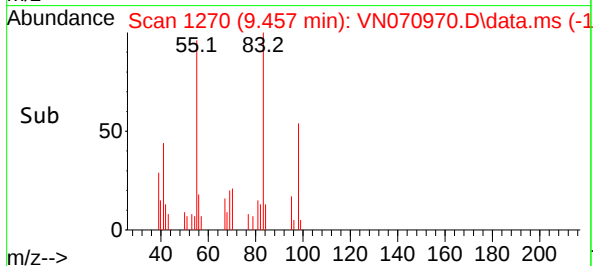
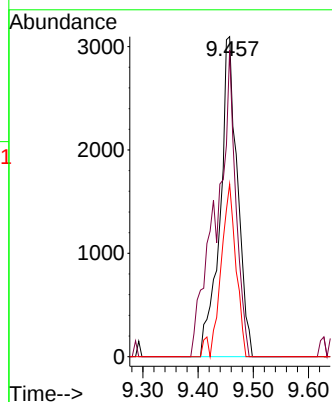
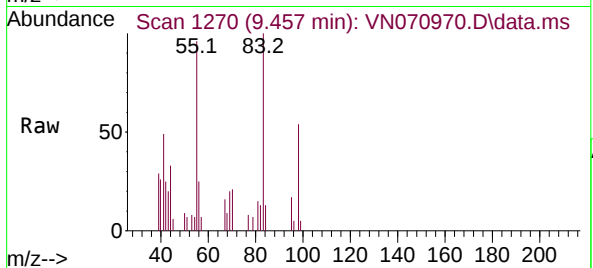
Tgt Ion: 83	Resp: 6779
Ion Ratio	Lower Upper
83	100
55	95.8 58.1 87.1
98	54.0 38.4 57.6

Manual Integrations

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Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022



#40

Benzene

Concen: 0.799 ug/l

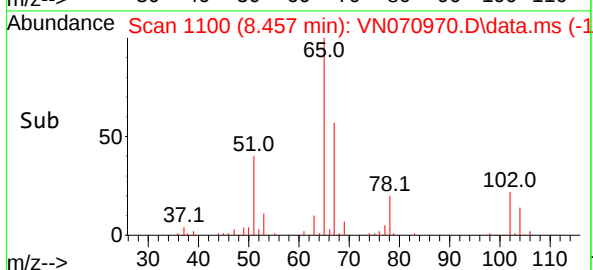
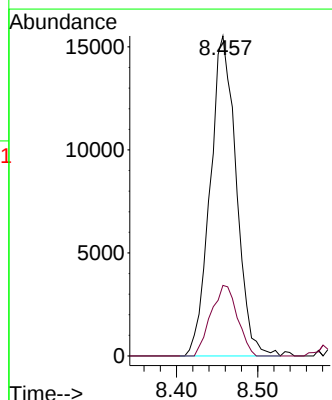
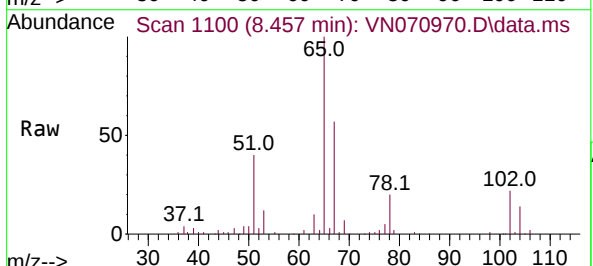
RT: 8.457 min Scan# 1100

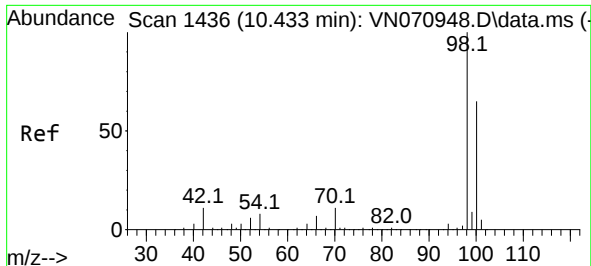
Delta R.T. 0.000 min

Lab File: VN070970.D

Acq: 16 Feb 2022 19:55

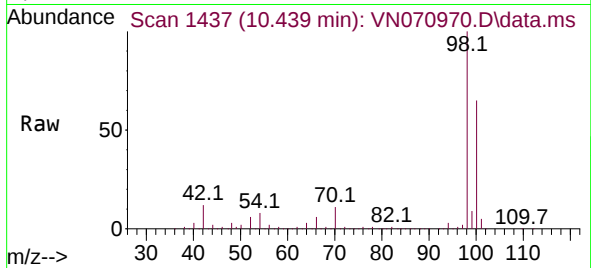
Tgt Ion: 78	Resp: 34631
Ion Ratio	Lower Upper
78	100
77	22.1 18.6 27.8





#50
Toluene-d8
Concen: 49.566 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN070970.D
Acq: 16 Feb 2022 19:55

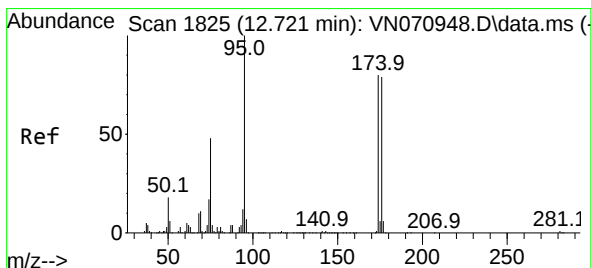
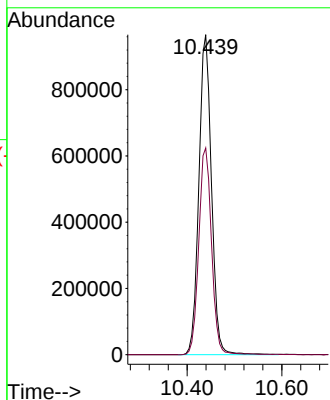
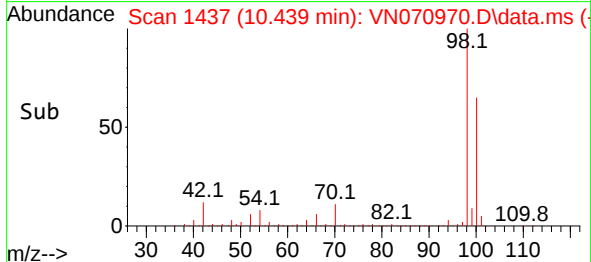
Instrument :
MSVOA_N
ClientSampleId :
MW-23R



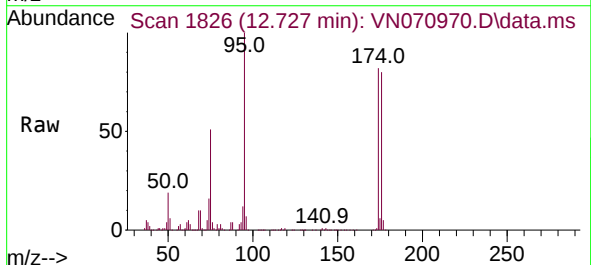
Tgt Ion: 98 Resp: 1780314
Ion Ratio Lower Upper
98 100
100 65.6 50.4 75.6

Manual Integrations
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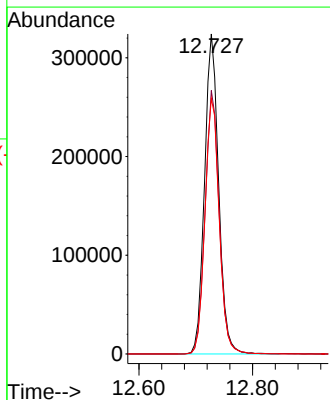
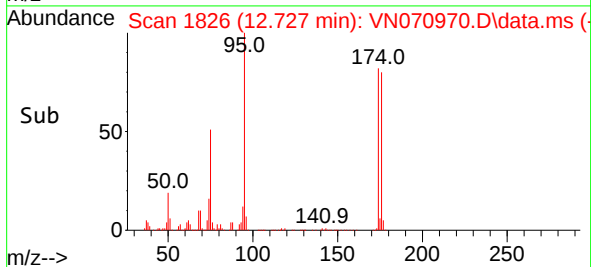
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022

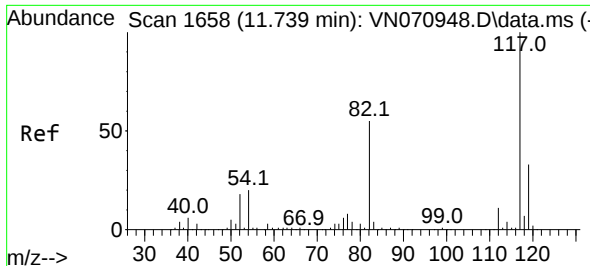


#62
4-Bromofluorobenzene
Concen: 43.354 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070970.D
Acq: 16 Feb 2022 19:55



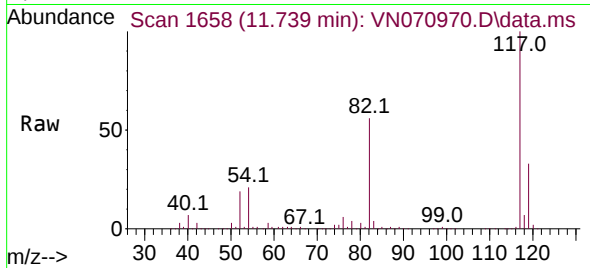
Tgt Ion: 95 Resp: 556604
Ion Ratio Lower Upper
95 100
174 82.2 0.0 187.2
176 81.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070970.D
Acq: 16 Feb 2022 19:55

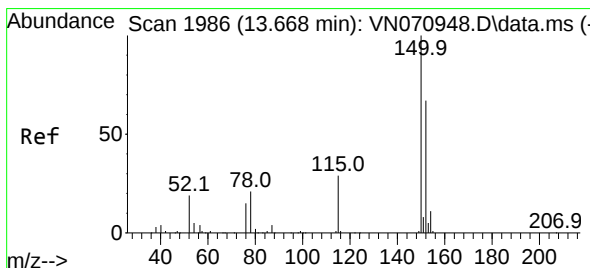
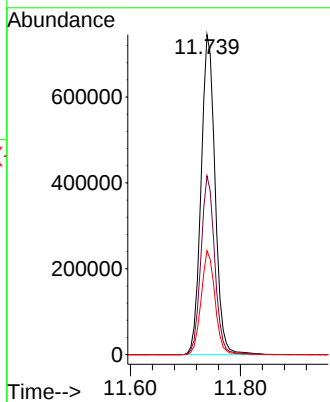
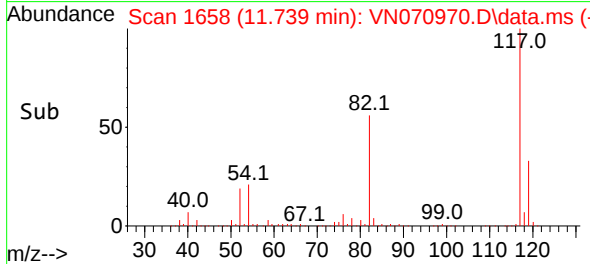
Instrument :
MSVOA_N
ClientSampleId :
MW-23R



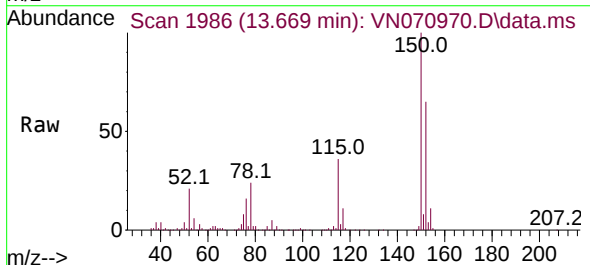
Tgt Ion:117 Resp: 1318949
Ion Ratio Lower Upper
117 100
82 55.9 42.4 63.6
119 32.5 25.4 38.2

Manual Integrations
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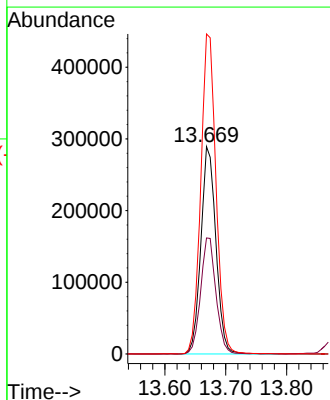
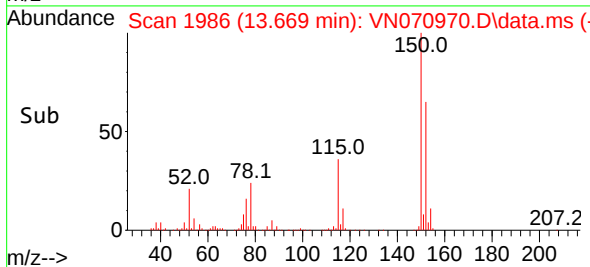
Reviewed By :John Carlone 02/17/2022
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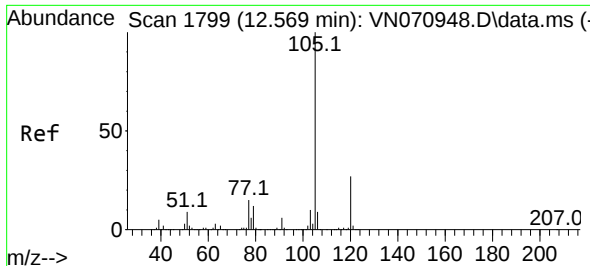


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN070970.D
Acq: 16 Feb 2022 19:55



Tgt Ion:152 Resp: 496055
Ion Ratio Lower Upper
152 100
115 57.2 27.5 82.5
150 156.8 0.0 344.4





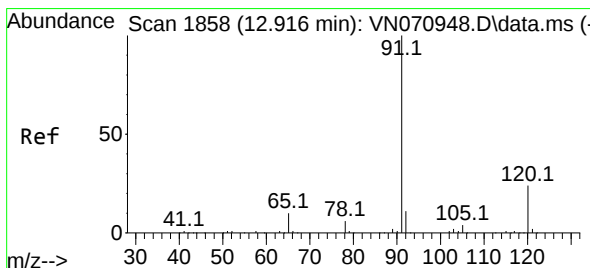
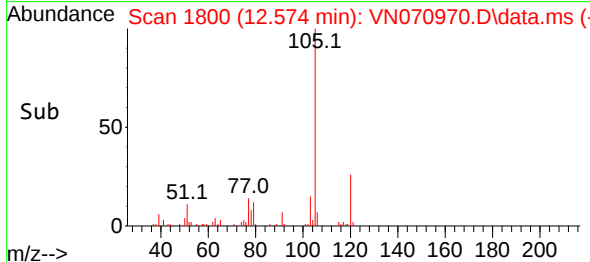
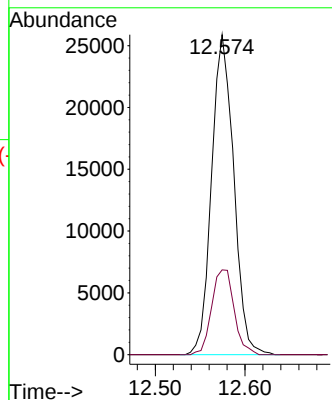
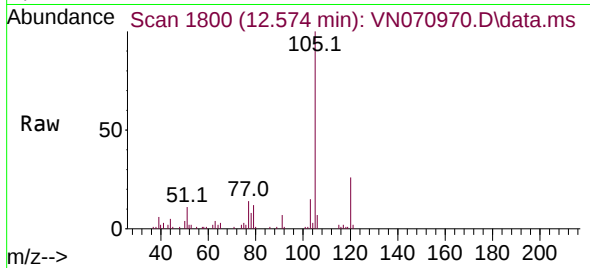
#73
Isopropylbenzene
Concen: 1.110 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.006 min
Lab File: VN070970.D
Acq: 16 Feb 2022 19:55

Instrument :
MSVOA_N
ClientSampleId :
MW-23R

Tgt Ion:105 Resp: 4432
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1

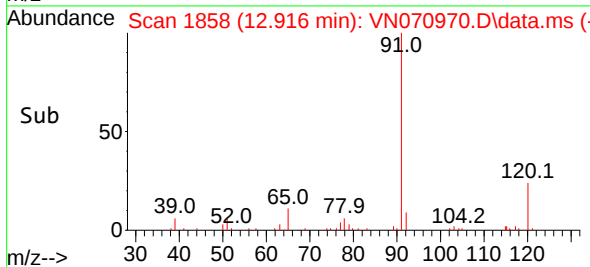
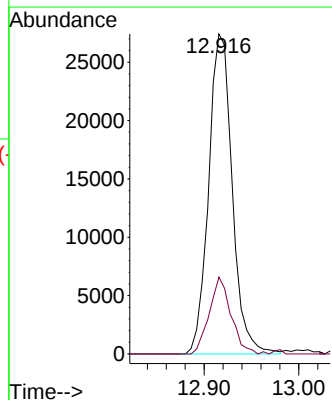
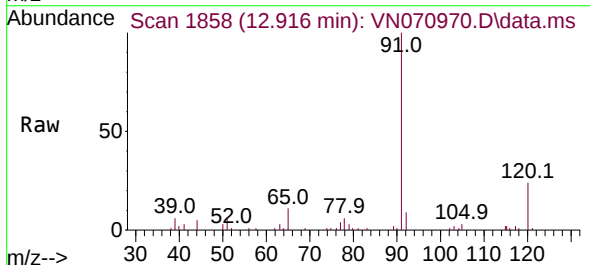
Manual Integrations
APPROVED

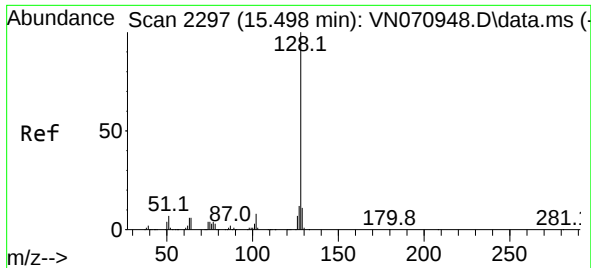
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/21/2022



#78
n-propylbenzene
Concen: 1.057 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN070970.D
Acq: 16 Feb 2022 19:55

Tgt Ion: 91 Resp: 47407
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





#95

Naphthalene

Concen: 5.897 ug/l

RT: 15.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN070970.D

Acq: 16 Feb 2022 19:55

Instrument :

MSVOA_N

ClientSampleId :

MW-23R

Tgt Ion:	128	Resp:	2234
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.5	15.7
129	9.6	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2022

Supervised By :Mahesh Dadoda 02/21/2022

