

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074963.D
 Acq On : 21 Oct 2022 15:47
 Operator : JC\MD
 Sample : N5222-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9

Quant Time: Oct 22 02:54:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	714856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1216768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	1248641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	677750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	809157	42.602	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.200%		
35) Dibromofluoromethane	8.171	113	618242	42.688	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.380%		
50) Toluene-d8	10.570	98	2592780	46.661	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.320%		
62) 4-Bromofluorobenzene	12.847	95	909326	46.393	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.780%		
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.800	73	39514m	0.857	ug/l	
30) Chloroform	7.941	83	16182	0.582	ug/l #	43
44) Trichloroethene	9.353	130	3842	0.278	ug/l	45
64) Tetrachloroethene	11.106	164	32004	3.134	ug/l	95
67) Ethyl Benzene	11.964	91	33564	0.501	ug/l	89
68) m/p-Xylenes	12.070	106	25329	0.969	ug/l	87
84) 1,2,4-Trimethylbenzene	13.482	105	47704	0.988	ug/l	93
85) sec-Butylbenzene	13.617	105	38268	0.644	ug/l #	78

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

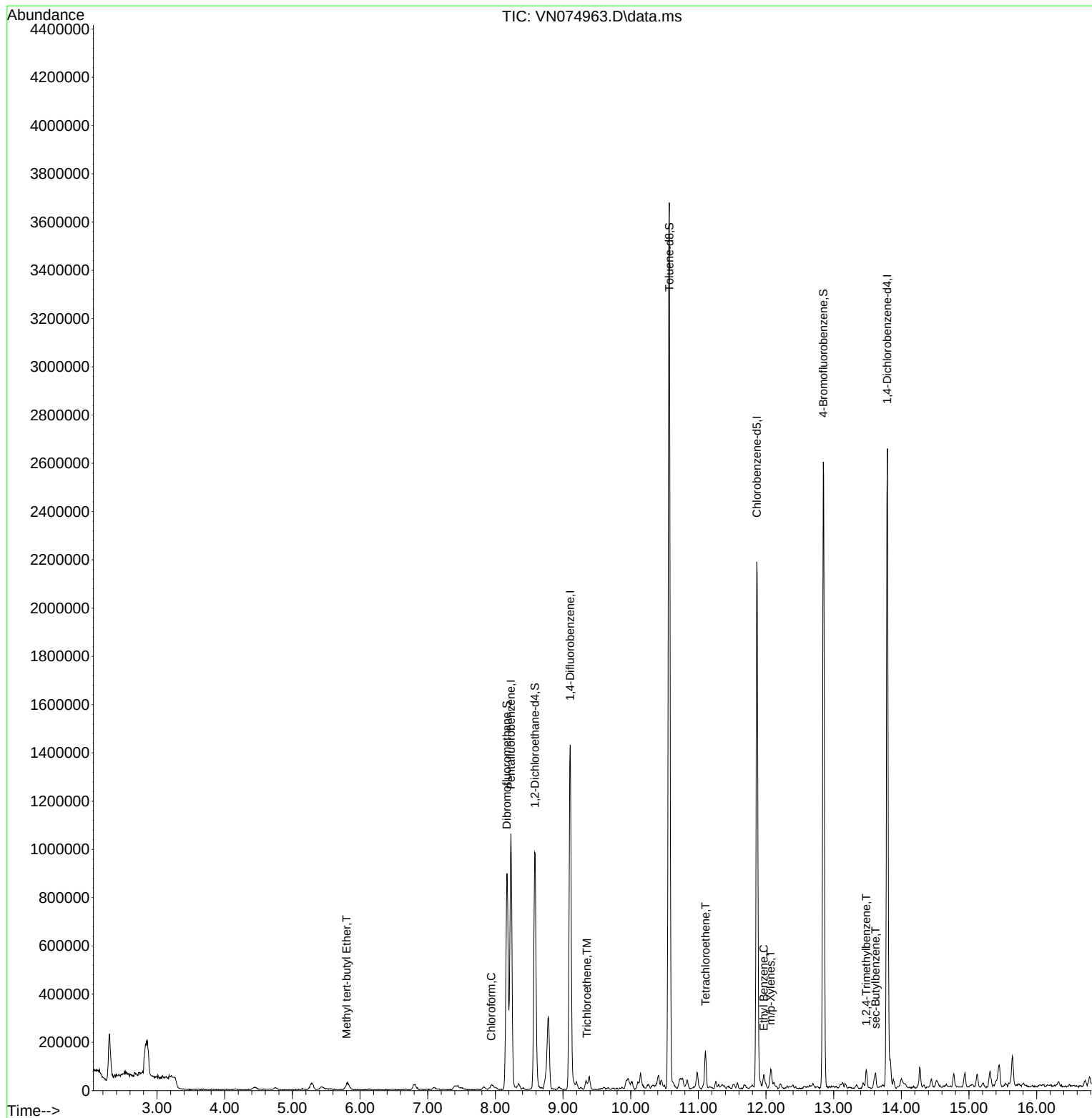
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074963.D
Acq On : 21 Oct 2022 15:47
Operator : JC\MD
Sample : N5222-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

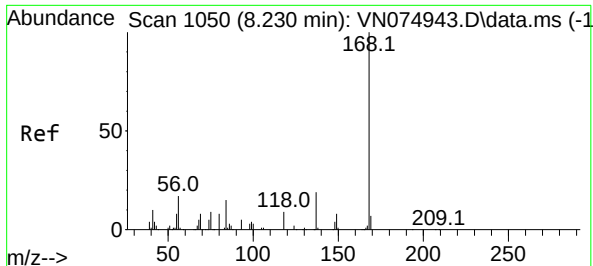
Instrument :
MSVOA_N
ClientSampleId :
MW-9

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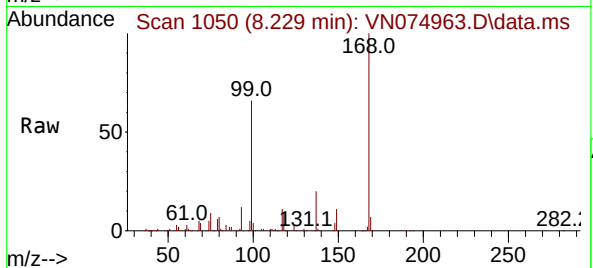
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 21 09:37:47 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN074963.D
Acq: 21 Oct 2022 15:47

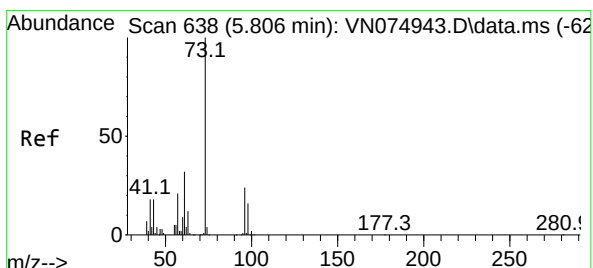
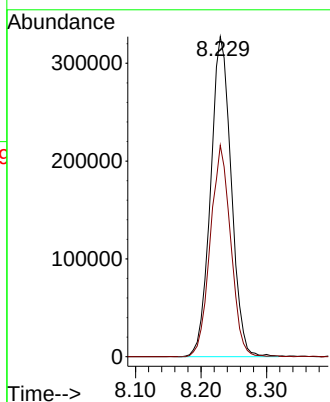
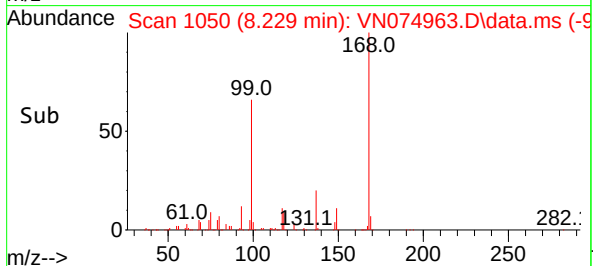
Instrument :
MSVOA_N
ClientSampleId :
MW-9



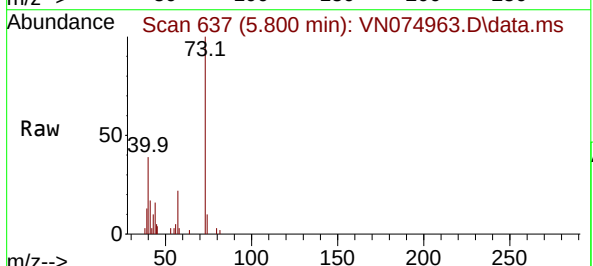
Tgt Ion:168 Resp: 714850
Ion Ratio Lower Upper
168 100
99 66.0 52.2 78.4

Manual Integrations
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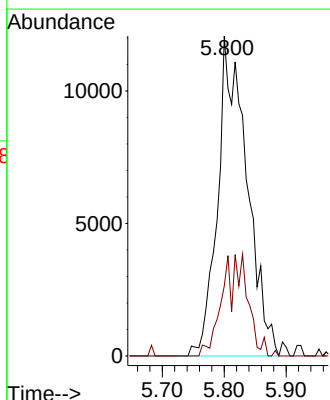
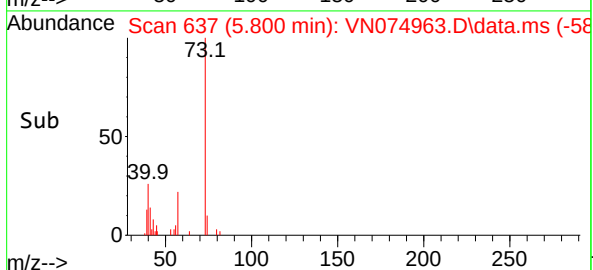
Reviewed By :John Carlone 10/24/2022
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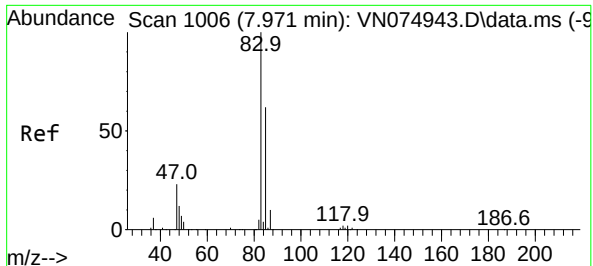


#19
Methyl tert-butyl Ether
Concen: 0.857 ug/l m
RT: 5.800 min Scan# 637
Delta R.T. -0.006 min
Lab File: VN074963.D
Acq: 21 Oct 2022 15:47



Tgt Ion: 73 Resp: 39514
Ion Ratio Lower Upper
73 100
57 21.9 16.9 25.3





#30

Chloroform

Concen: 0.582 ug/l

RT: 7.941 min Scan# 1006

Delta R.T. -0.030 min

Lab File: VN074963.D

Acq: 21 Oct 2022 15:47

Instrument :

MSVOA_N

ClientSampleId :

MW-9

Tgt Ion: 83 Resp: 1618

Ion Ratio Lower Upper

83 100

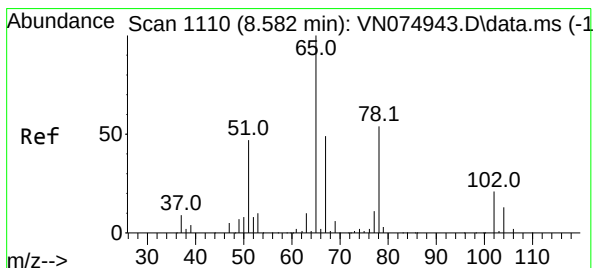
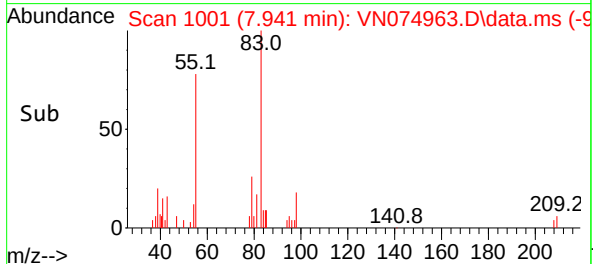
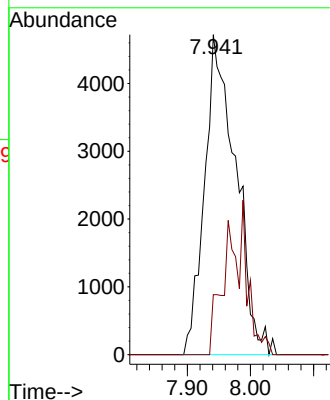
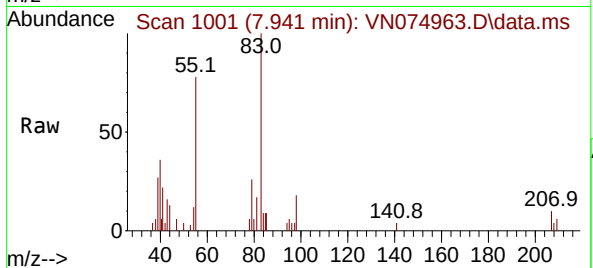
85 18.8 49.9 74.9

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 42.602 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN074963.D

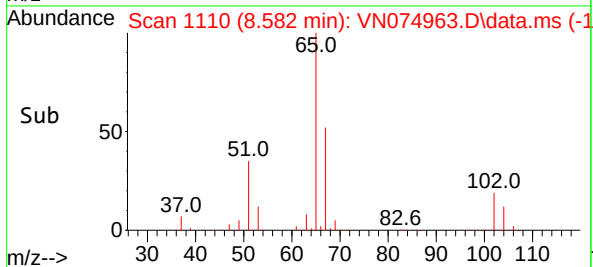
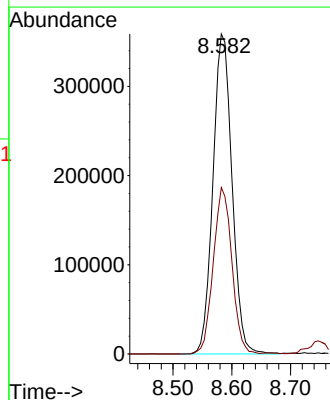
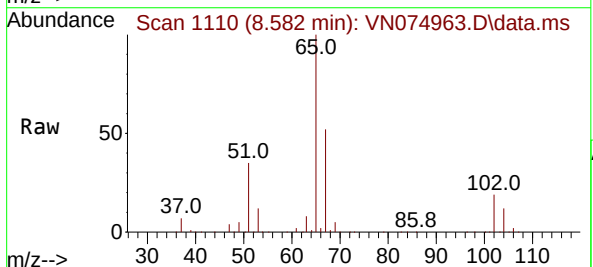
Acq: 21 Oct 2022 15:47

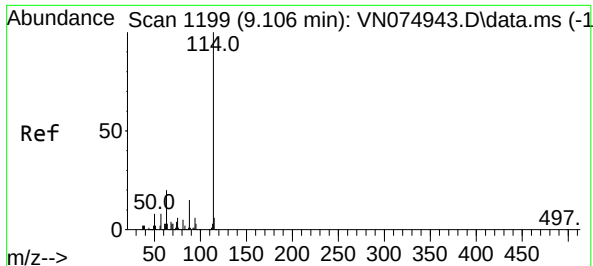
Tgt Ion: 65 Resp: 809157

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074963.D

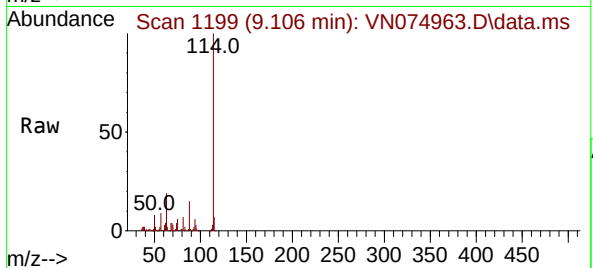
Acq: 21 Oct 2022 15:47

Instrument :

MSVOA_N

ClientSampleId :

MW-9



Tgt Ion:114 Resp: 121676

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.8

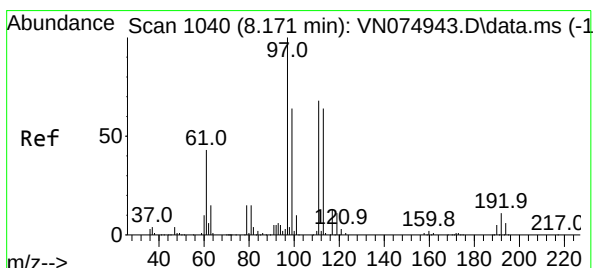
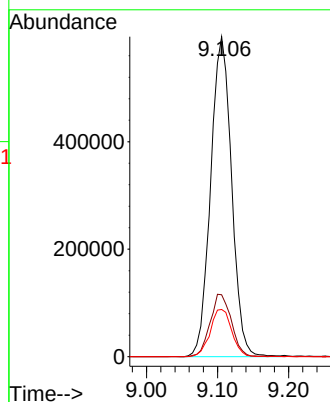
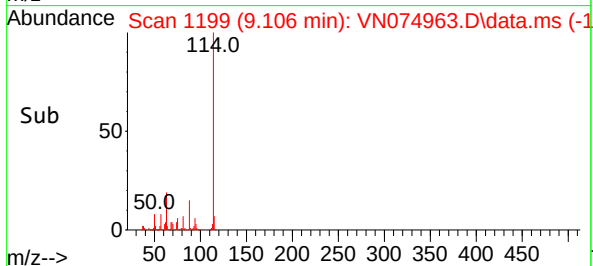
88 14.7 0.0 30.4

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#35

Dibromofluoromethane

Concen: 42.688 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN074963.D

Acq: 21 Oct 2022 15:47

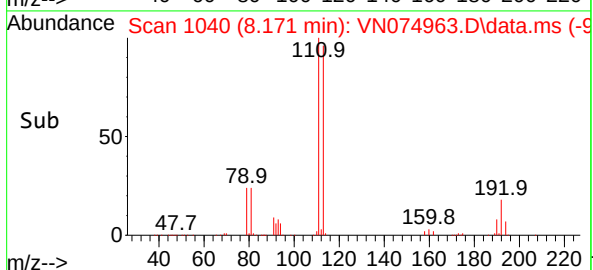
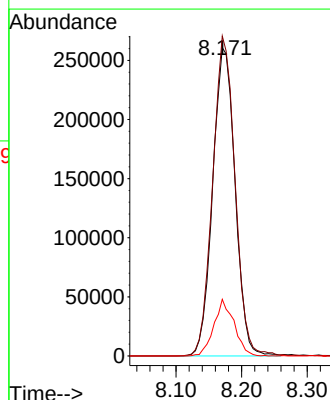
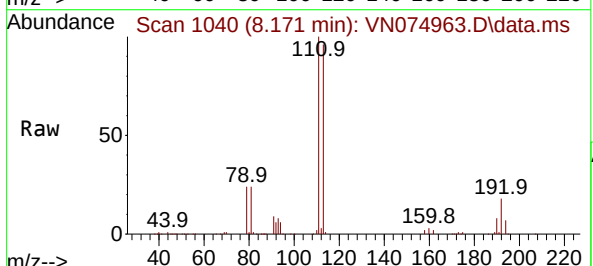
Tgt Ion:113 Resp: 618242

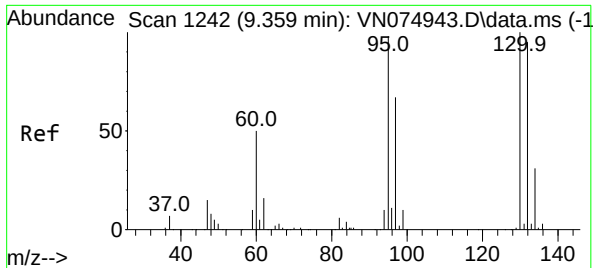
Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

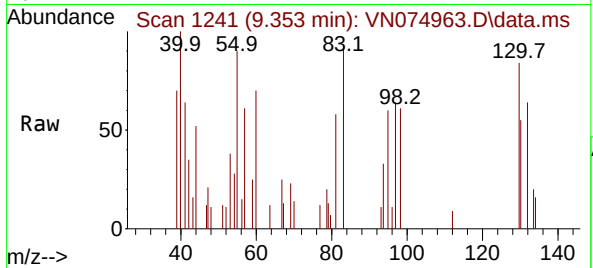
192 16.6 13.3 19.9





#44
Trichloroethene
Concen: 0.278 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN074963.D
Acq: 21 Oct 2022 15:47

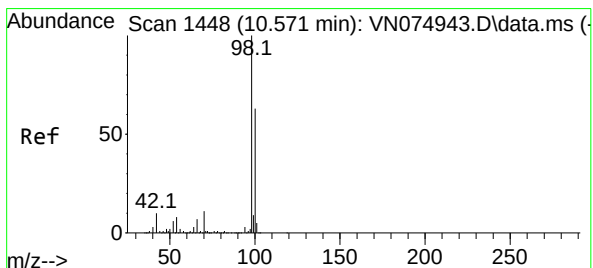
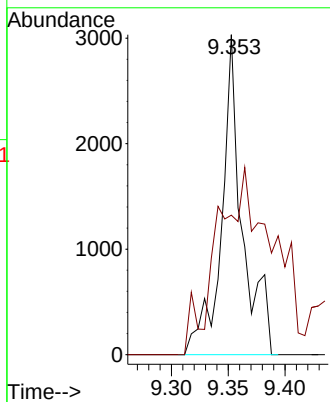
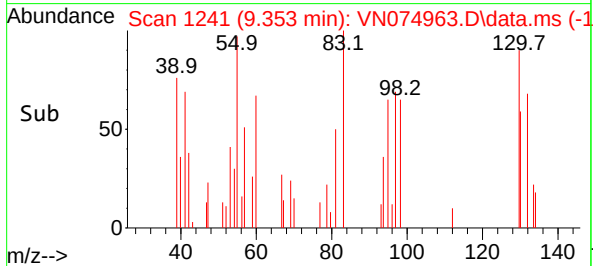
Instrument :
MSVOA_N
ClientSampleId :
MW-9



Tgt Ion:130 Resp: 384
Ion Ratio Lower Upper
130 100
95 43.6 0.0 195.8

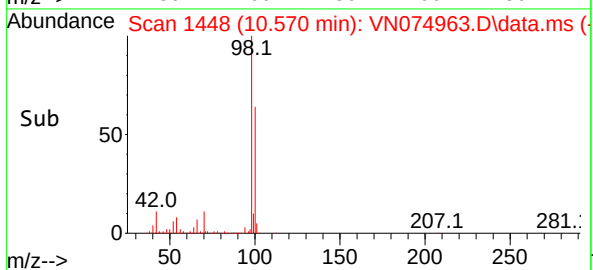
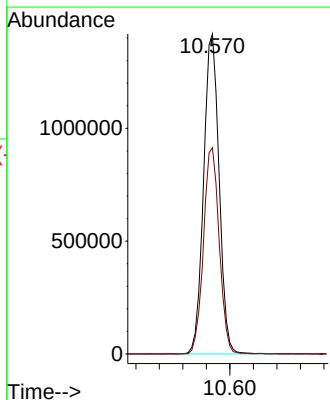
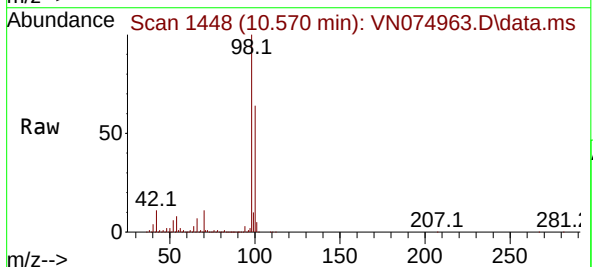
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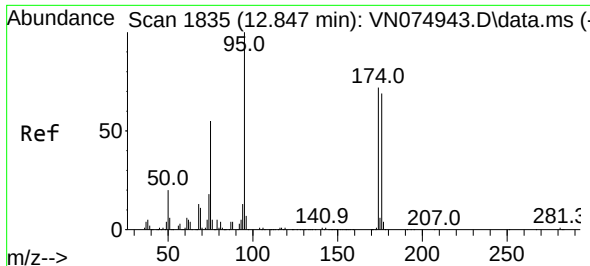
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#50
Toluene-d8
Concen: 46.661 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074963.D
Acq: 21 Oct 2022 15:47

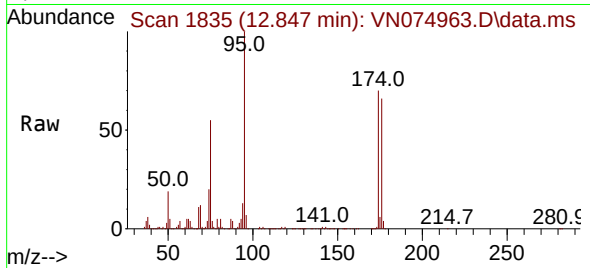
Tgt Ion: 98 Resp: 2592780
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.2





#62
4-Bromofluorobenzene
Concen: 46.393 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN074963.D
Acq: 21 Oct 2022 15:47

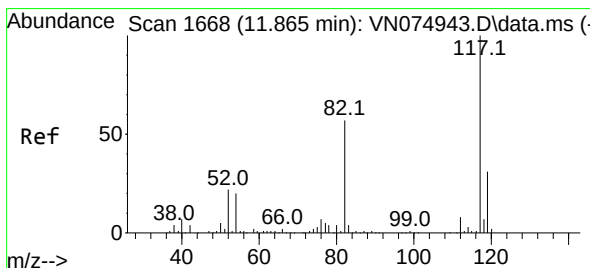
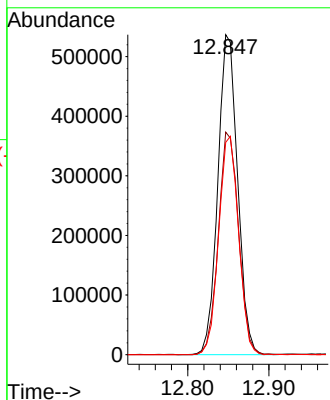
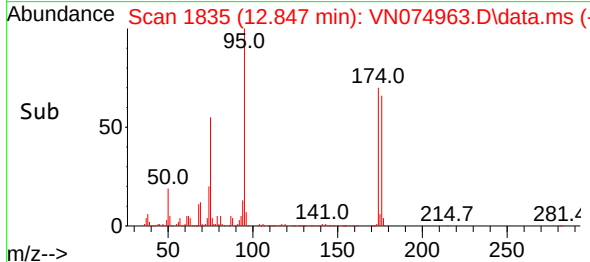
Instrument :
MSVOA_N
ClientSampleId :
MW-9



Tgt Ion: 95 Resp: 909320
Ion Ratio Lower Upper
95 100
174 71.2 0.0 143.0
176 68.6 0.0 138.2

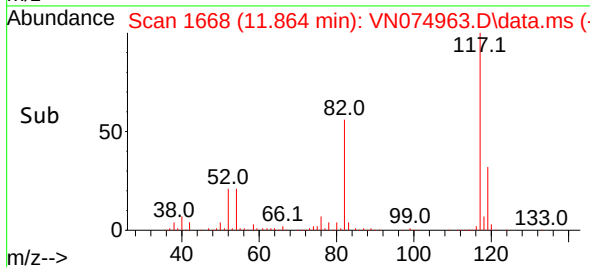
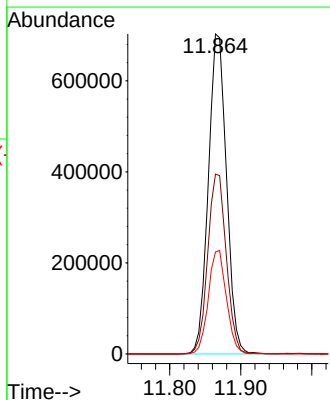
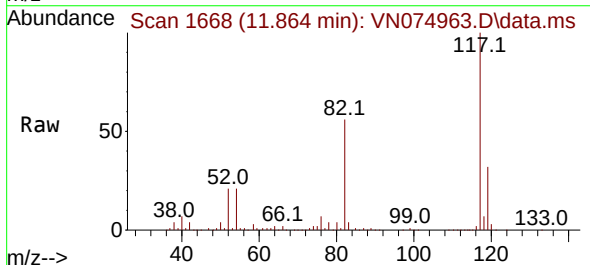
Manual Integrations
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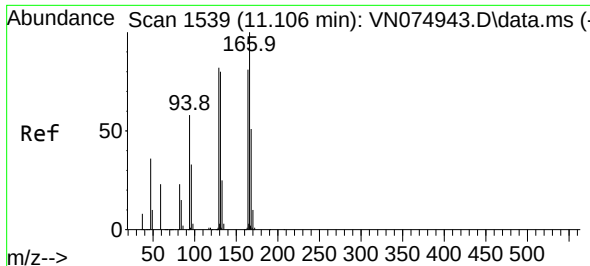
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN074963.D
Acq: 21 Oct 2022 15:47

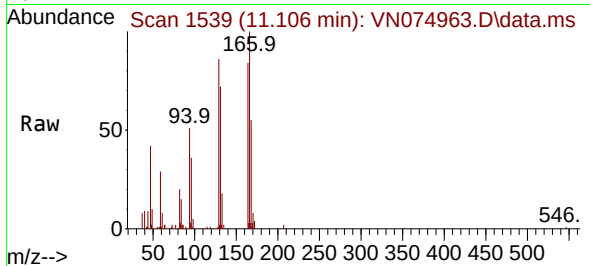
Tgt Ion:117 Resp: 1248641
Ion Ratio Lower Upper
117 100
82 56.2 45.6 68.4
119 31.8 25.1 37.7





#64
Tetrachloroethene
Concen: 3.134 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074963.D
Acq: 21 Oct 2022 15:47

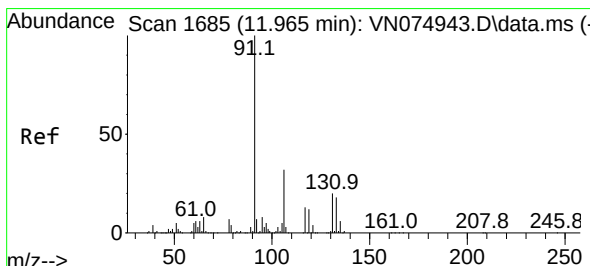
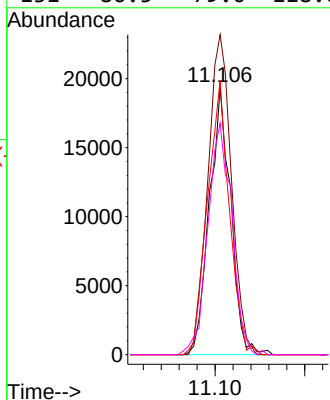
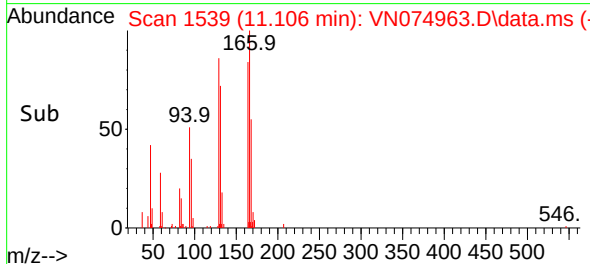
Instrument :
MSVOA_N
ClientSampleId :
MW-9



Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.7	98.6	148.0
129	102.5	81.2	121.8
131	86.5	79.0	118.6

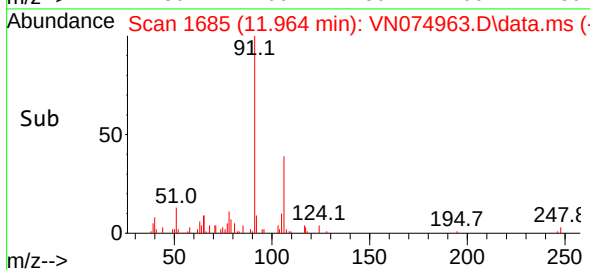
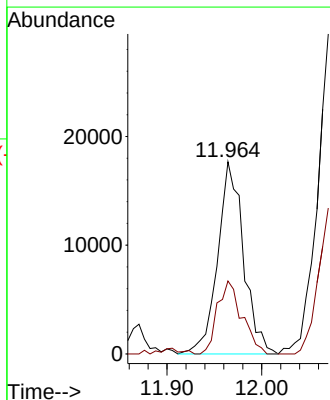
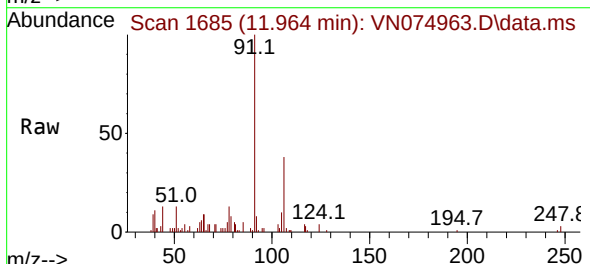
Manual Integrations
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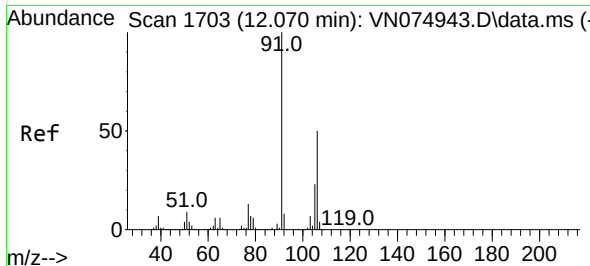
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#67
Ethyl Benzene
Concen: 0.501 ug/l
RT: 11.964 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074963.D
Acq: 21 Oct 2022 15:47

Tgt Ion	Ratio	Lower	Upper
91	100		
106	38.0	25.4	38.2





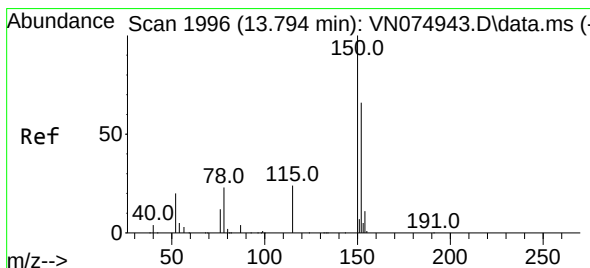
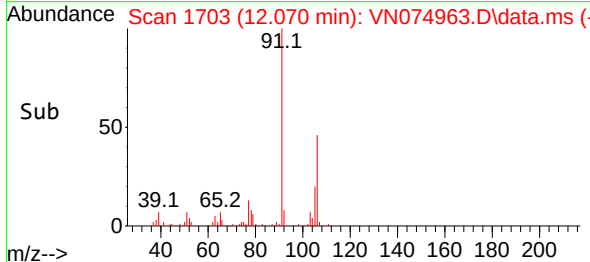
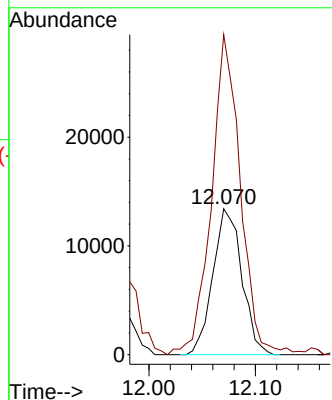
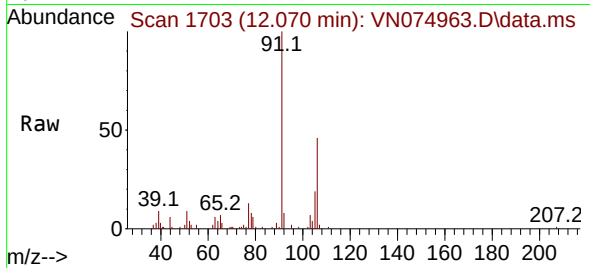
#68
m/p-Xylenes
Concen: 0.969 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN074963.D
Acq: 21 Oct 2022 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW-9

Tgt Ion:106 Resp: 25329
Ion Ratio Lower Upper
106 100
91 219.3 159.7 239.5

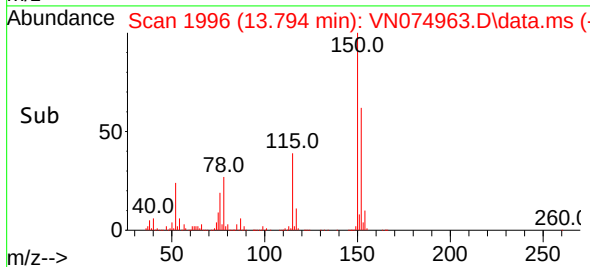
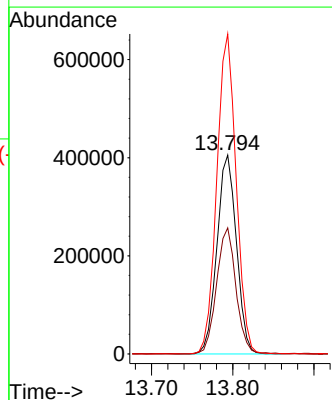
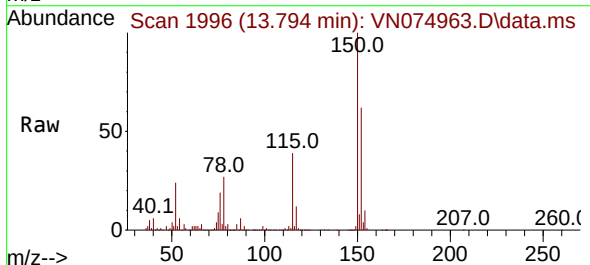
Manual Integrations
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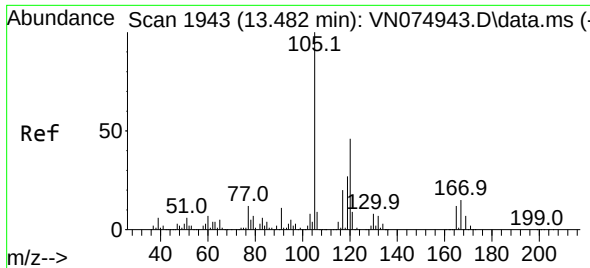
Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074963.D
Acq: 21 Oct 2022 15:47

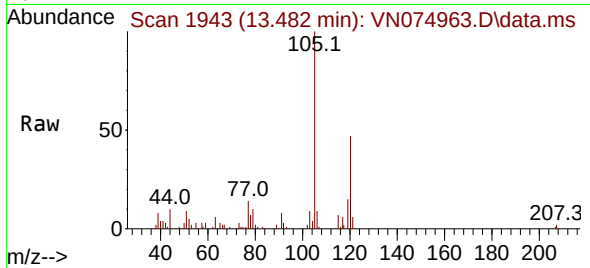
Tgt Ion:152 Resp: 677750
Ion Ratio Lower Upper
152 100
115 63.2 31.3 93.8
150 159.4 0.0 349.6





#84
1,2,4-Trimethylbenzene
Concen: 0.988 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074963.D
Acq: 21 Oct 2022 15:47

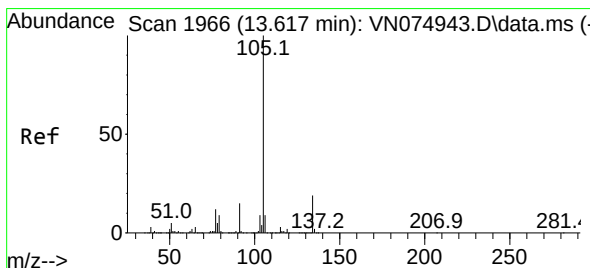
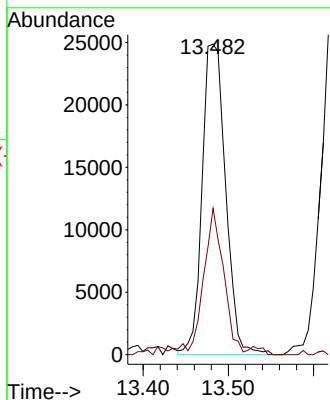
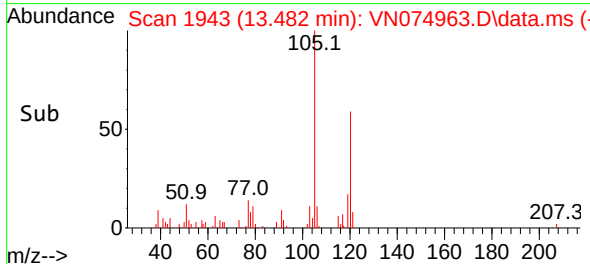
Instrument :
MSVOA_N
ClientSampleId :
MW-9



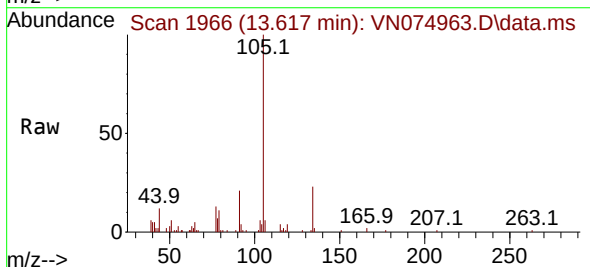
Tgt Ion:105 Resp: 47704
Ion Ratio Lower Upper
105 100
120 41.3 22.9 68.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#85
sec-Butylbenzene
Concen: 0.644 ug/l
RT: 13.617 min Scan# 1966
Delta R.T. -0.000 min
Lab File: VN074963.D
Acq: 21 Oct 2022 15:47



Tgt Ion:105 Resp: 38268
Ion Ratio Lower Upper
105 100
134 29.6 9.7 29.1#

