

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102422\
 Data File : VN074982.D
 Acq On : 24 Oct 2022 14:36
 Operator : JC\MD
 Sample : N5222-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022

Quant Time: Oct 25 06:39:15 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

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	334480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	555886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	496082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	358893	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	354235	39.860	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	79.720%		
35) Dibromofluoromethane	8.171	113	265571	40.138	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	80.280%		
50) Toluene-d8	10.570	98	1132657	44.618	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.240%		
62) 4-Bromofluorobenzene	12.853	95	491642	54.904	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.800%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.541	59	31652	16.846	ug/l #	72
16) Acetone	4.436	43	202159	56.159	ug/l #	63
25) 2-Butanone	7.506	43	94778	17.507	ug/l	90
31) Cyclohexane	8.265	56	646751	71.232	ug/l #	94
39) Methylcyclohexane	9.606	83	721343	73.065	ug/l	97
40) Benzene	8.612	78	8373721	325.966	ug/l	98
52) Toluene	10.635	92	283160	16.892	ug/l	99
67) Ethyl Benzene	11.953	91	22834183m	857.369	ug/l	
68) m/p-Xylenes	12.065	106	23069683m	2221.545	ug/l	
69) o-Xylene	12.400	106	1225527	117.811	ug/l	99
73) Isopropylbenzene	12.700	105	3388558	115.592	ug/l	100
78) n-propylbenzene	13.041	91	7074606	206.206	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	14261912	563.234	ug/l	95
84) 1,2,4-Trimethylbenzene	13.470	105	23996838m	938.280	ug/l	
85) sec-Butylbenzene	13.617	105	544097m	17.294	ug/l	
86) p-Isopropyltoluene	13.735	119	257631m	9.943	ug/l	
95) Naphthalene	15.629	128	23723239m	1088.011	ug/l	
96) 1,2,3-Trichlorobenzene	15.835	180	11919	2.064	ug/l #	80

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

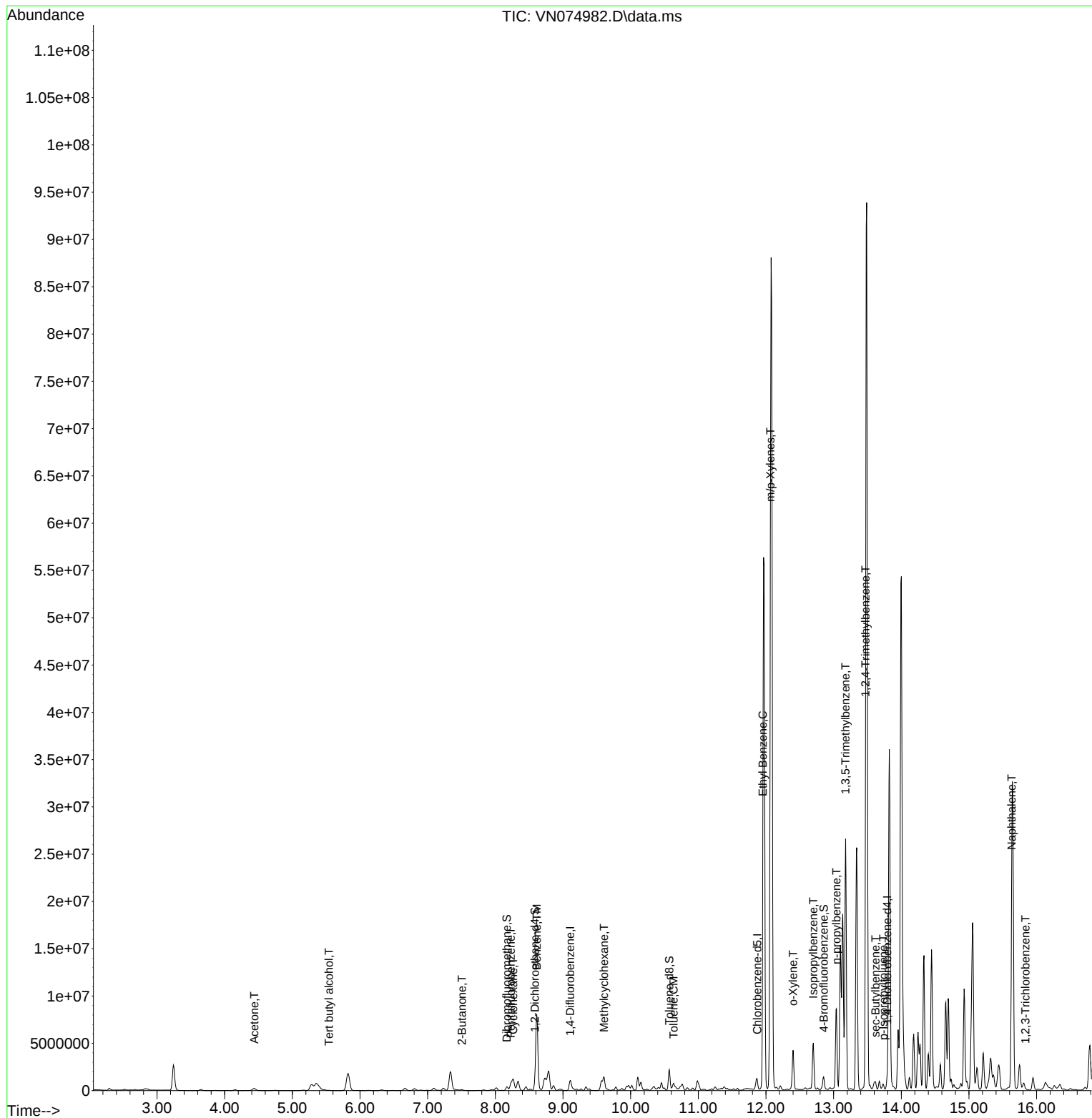
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102422\
Data File : VN074982.D
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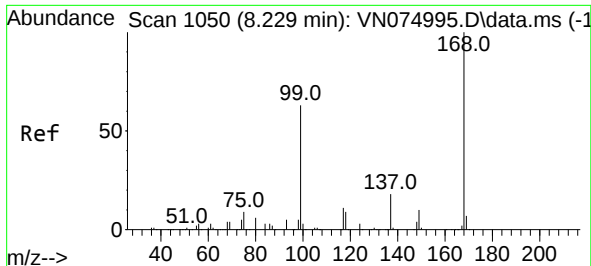
Instrument :
MSVOA_N
ClientSampleId :
MW-2

Quant Time: Oct 25 06:39:15 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

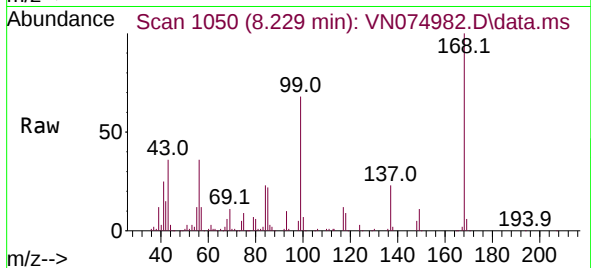
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

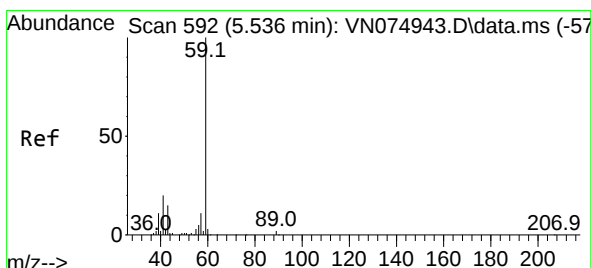
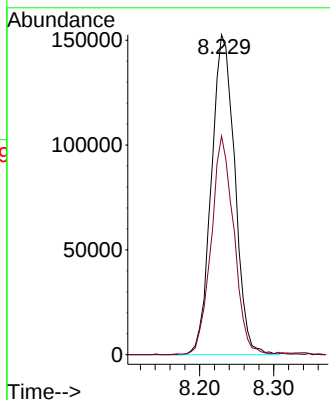
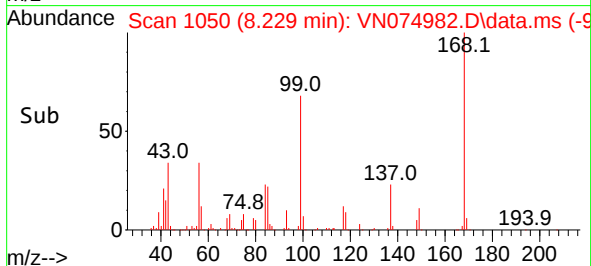
Instrument :
MSVOA_N
ClientSampleId :
MW-2



Tgt Ion:168 Resp: 334480
Ion Ratio Lower Upper
168 100
99 68.0 52.2 78.4

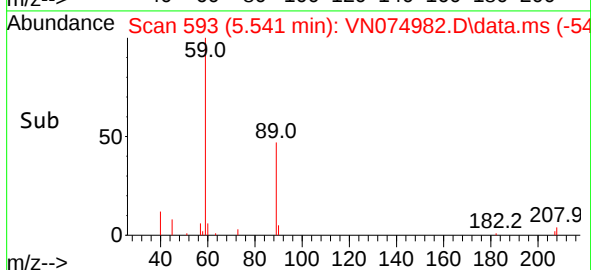
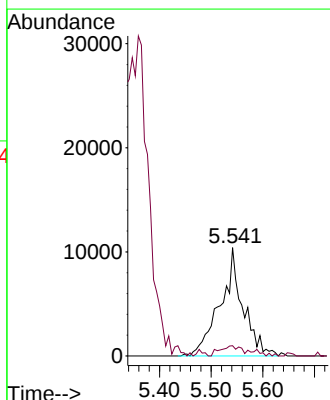
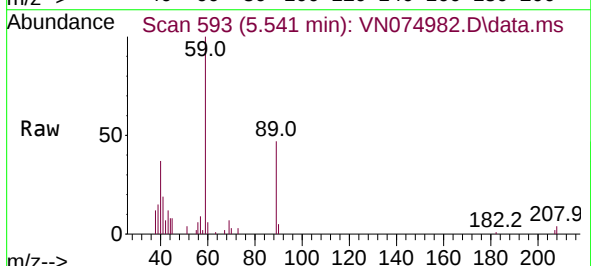
Manual Integrations
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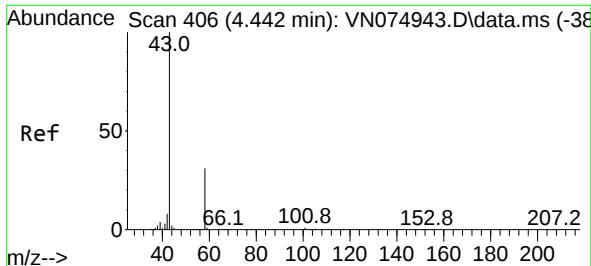
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#11
Tert butyl alcohol
Concen: 16.846 ug/l
RT: 5.541 min Scan# 593
Delta R.T. 0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

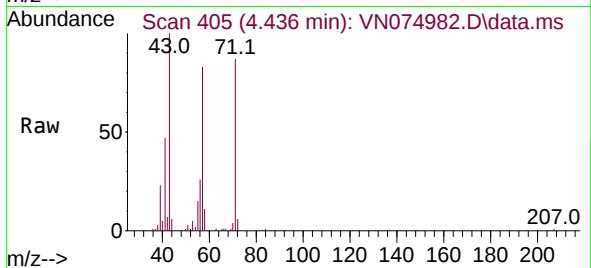
Tgt Ion: 59 Resp: 31652
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16
Acetone
Concen: 56.159 ug/l
RT: 4.436 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

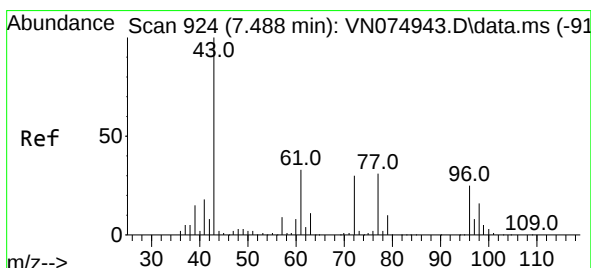
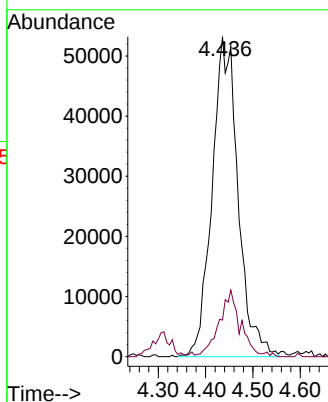
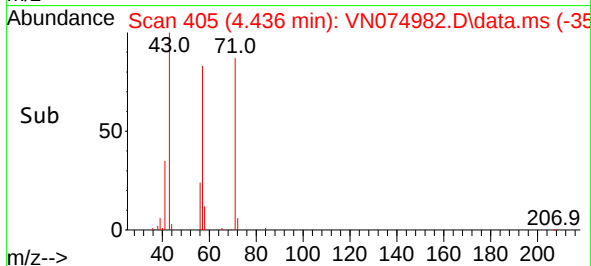
Instrument :
MSVOA_N
ClientSampleId :
MW-2



Tgt Ion: 43 Resp: 202159
Ion Ratio Lower Upper
43 100
58 11.5 25.7 38.5

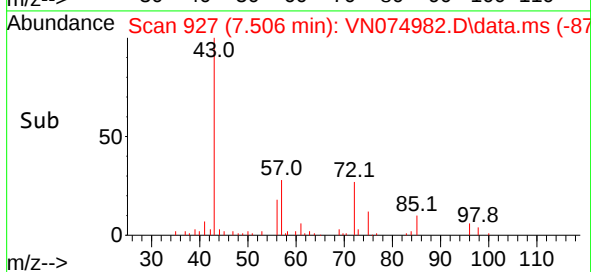
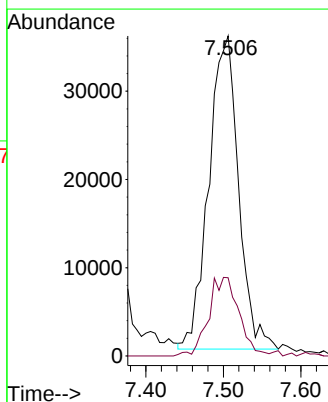
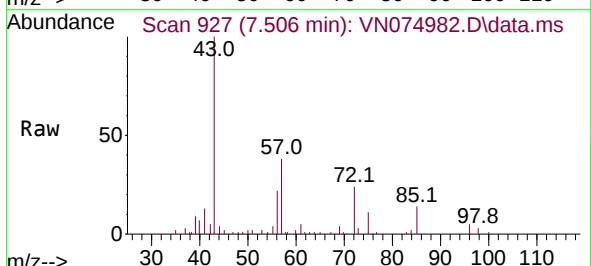
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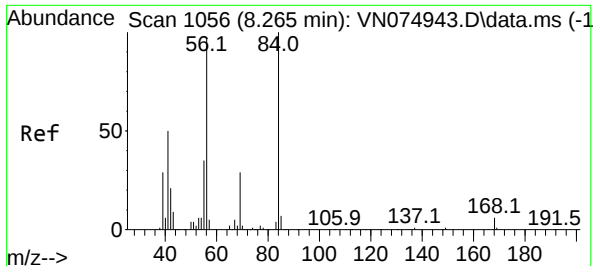
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#25
2-Butanone
Concen: 17.507 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.018 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

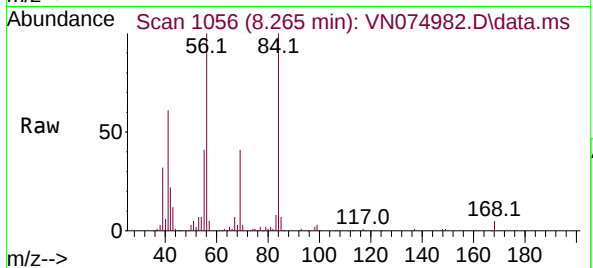
Tgt Ion: 43 Resp: 94778
Ion Ratio Lower Upper
43 100
72 24.5 23.9 35.9





#31
Cyclohexane
Concen: 71.232 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

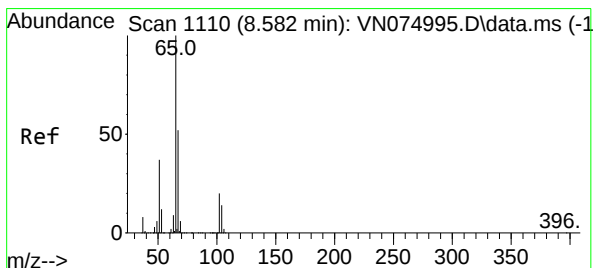
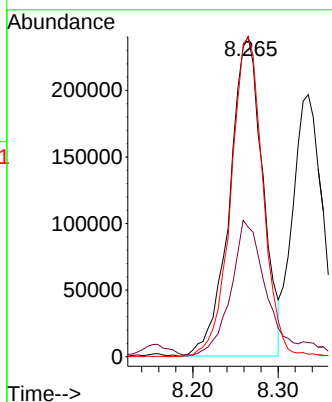
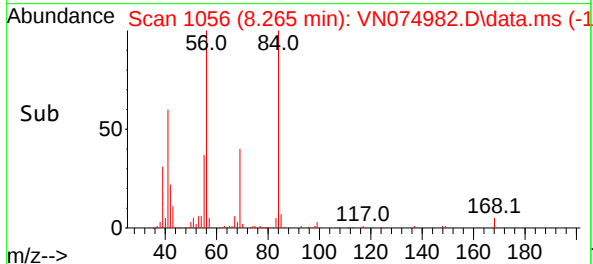
Instrument :
MSVOA_N
ClientSampleId :
MW-2



Tgt Ion: 56 Resp: 64675
Ion Ratio Lower Upper
56 100
69 39.5 24.2 36.2
84 100.1 82.8 124.2

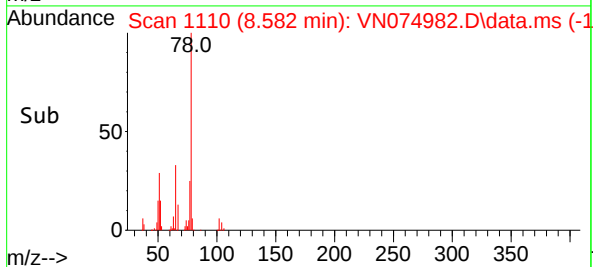
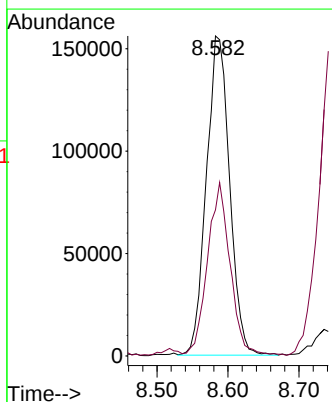
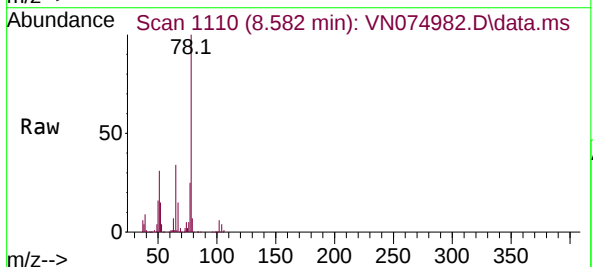
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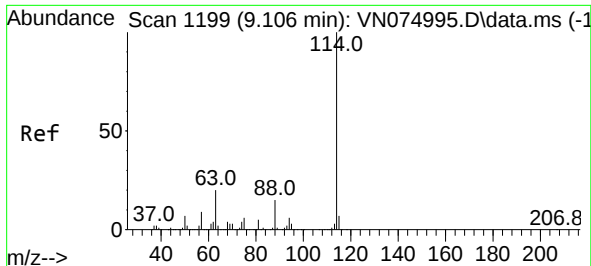
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#33
1,2-Dichloroethane-d4
Concen: 39.860 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

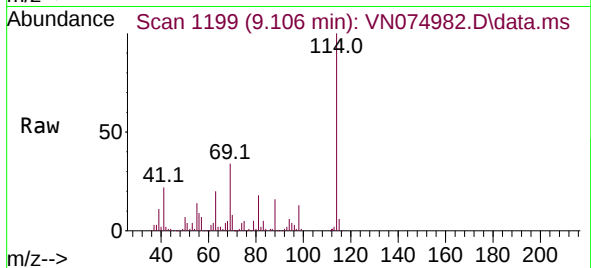
Tgt Ion: 65 Resp: 354235
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

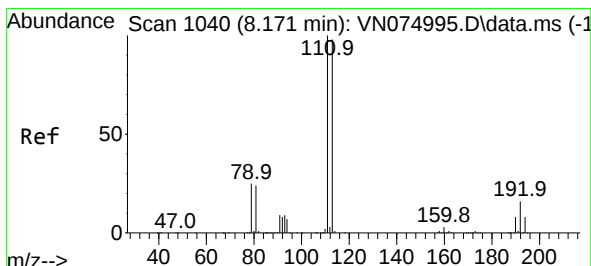
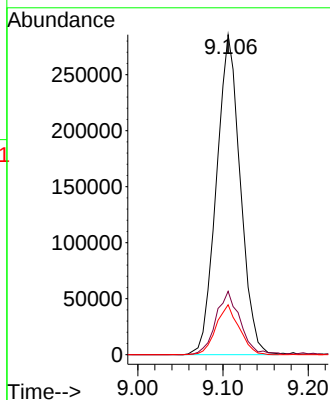
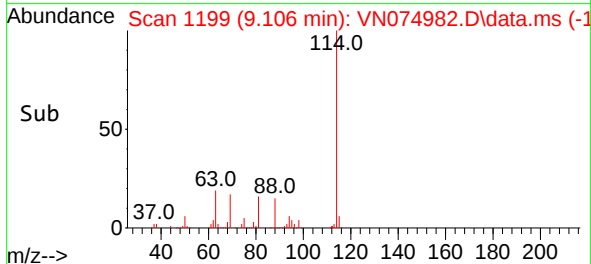
Instrument :
MSVOA_N
ClientSampleId :
MW-2



Tgt Ion:114 Resp: 555880
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.8
88 15.6 0.0 30.4

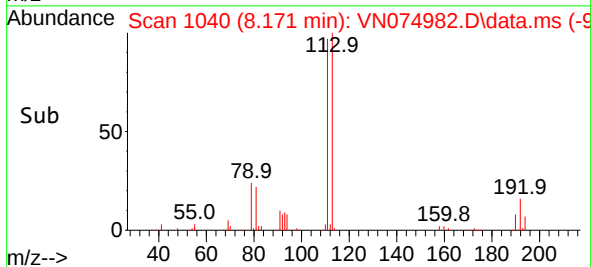
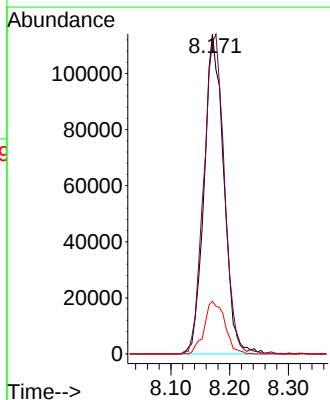
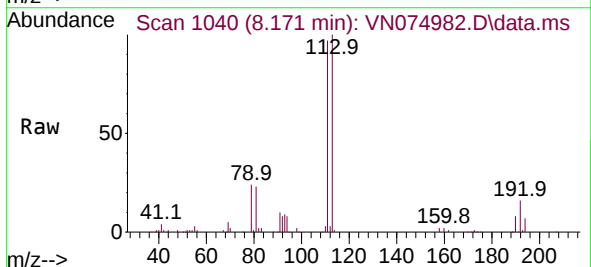
Manual Integrations
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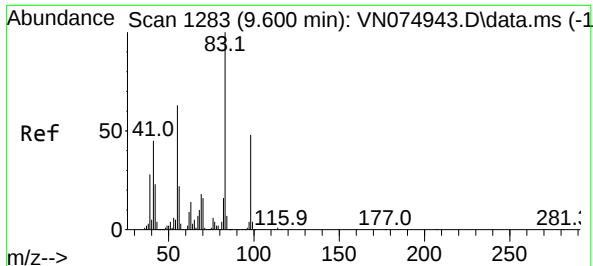
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#35
Dibromofluoromethane
Concen: 40.138 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion:113 Resp: 265571
Ion Ratio Lower Upper
113 100
111 103.9 83.4 125.2
192 17.2 13.3 19.9





#39

Methylcyclohexane

Concen: 73.065 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN074982.D

Acq: 24 Oct 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

MW-2

Tgt Ion: 83 Resp: 72134

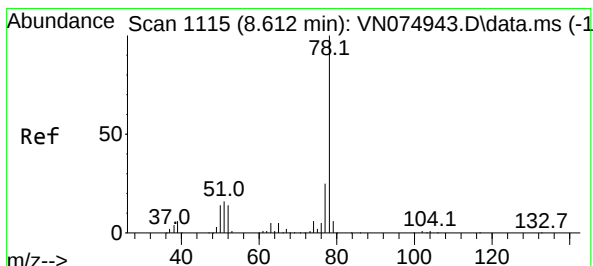
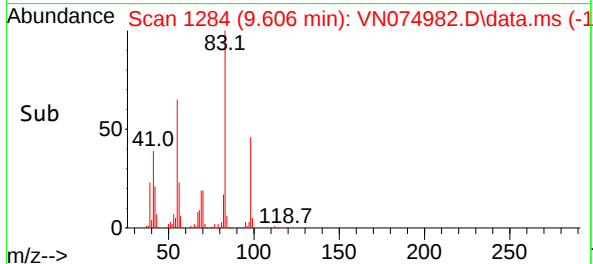
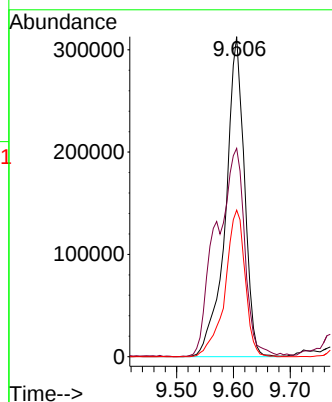
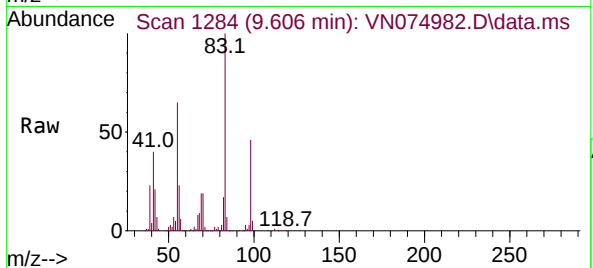
Ion	Ratio	Lower	Upper
83	100		
55	65.1	50.8	76.2
98	45.8	38.8	58.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#40

Benzene

Concen: 325.966 ug/l

RT: 8.612 min Scan# 1115

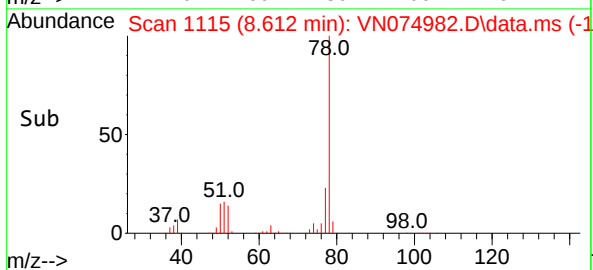
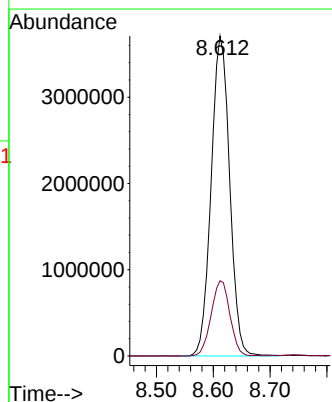
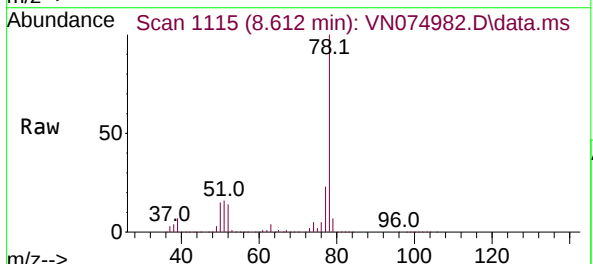
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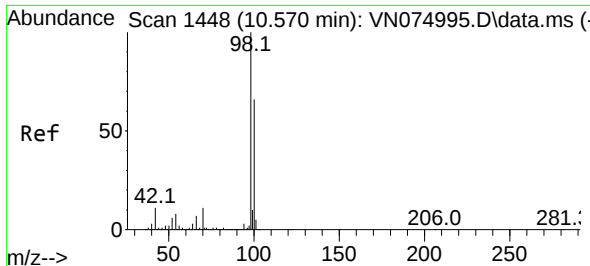
Lab File: VN074982.D

Acq: 24 Oct 2022 14:36

Tgt Ion: 78 Resp: 8373721

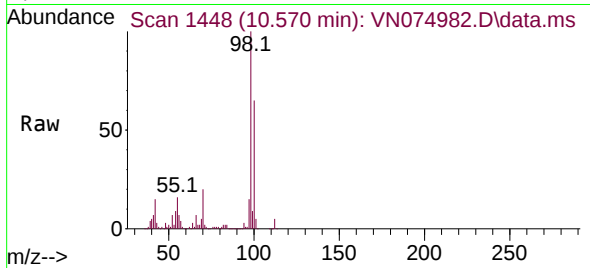
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.6	29.4





#50
Toluene-d8
Concen: 44.618 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

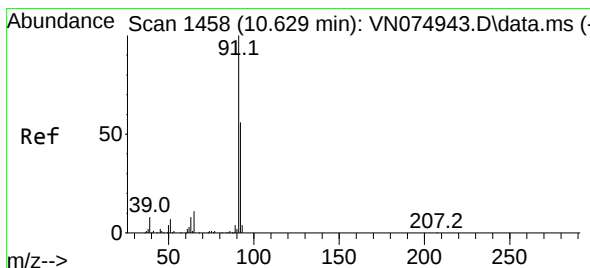
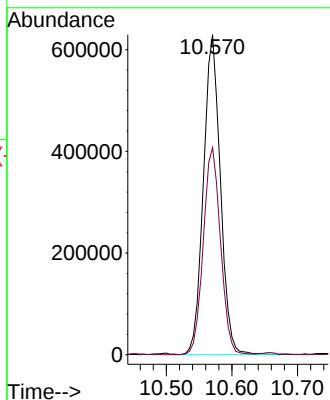
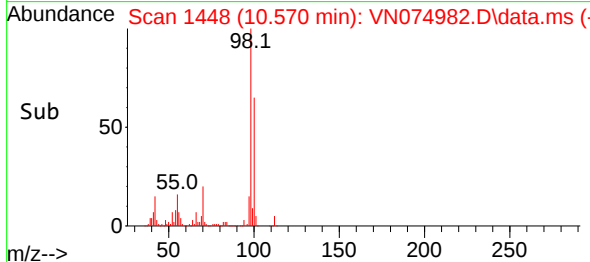
Instrument :
MSVOA_N
ClientSampleId :
MW-2



Tgt Ion: 98 Resp: 113265
Ion Ratio Lower Upper
98 100
100 65.8 51.4 77.2

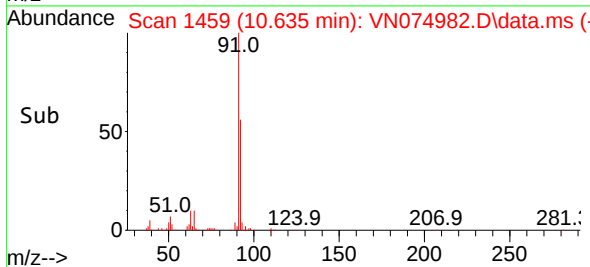
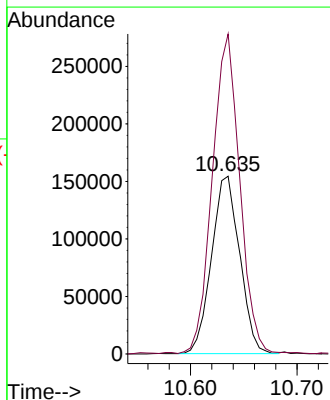
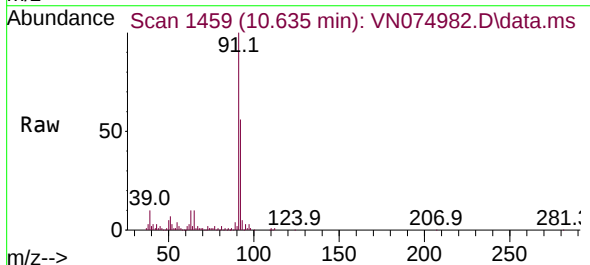
Manual Integrations
APPROVED

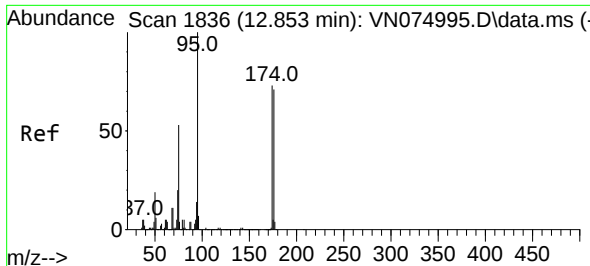
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#52
Toluene
Concen: 16.892 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

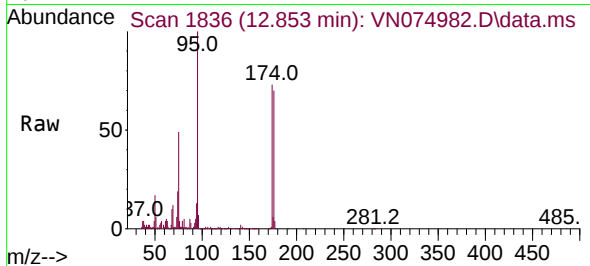
Tgt Ion: 92 Resp: 283160
Ion Ratio Lower Upper
92 100
91 175.9 139.2 208.8





#62
4-Bromofluorobenzene
Concen: 54.904 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

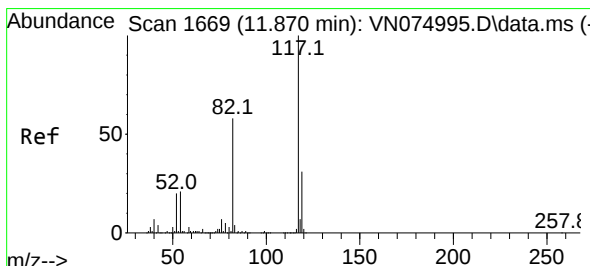
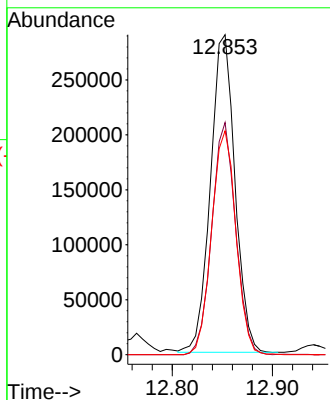
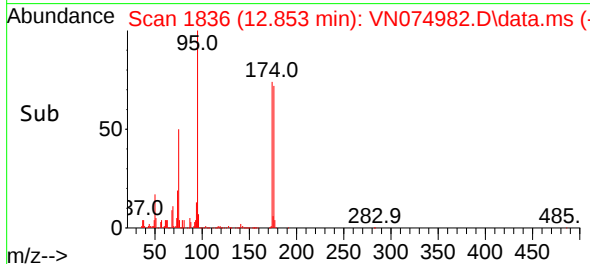
Instrument :
MSVOA_N
ClientSampleId :
MW-2



Tgt Ion: 95 Resp: 491642
Ion Ratio Lower Upper
95 100
174 71.0 0.0 143.0
176 69.8 0.0 138.2

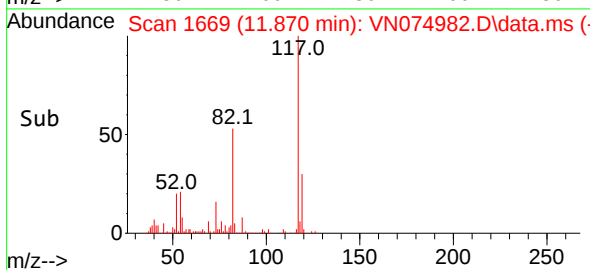
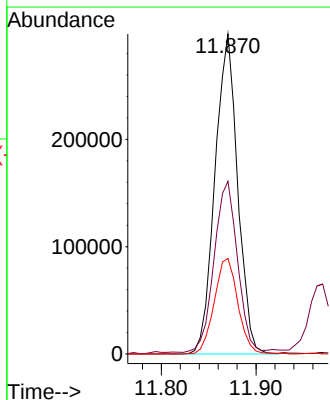
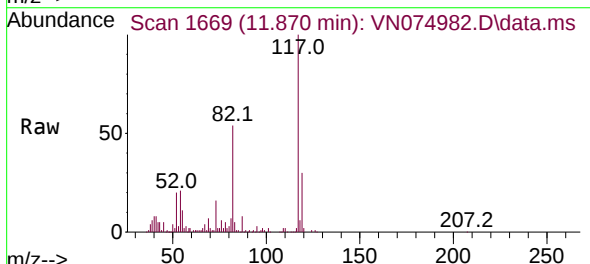
Manual Integrations
APPROVED

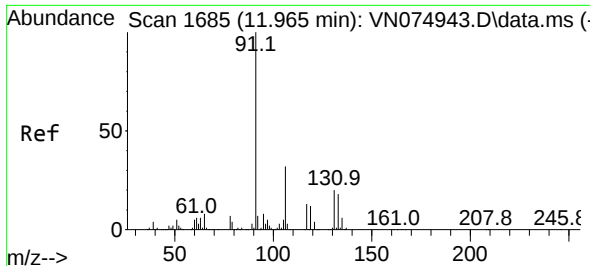
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

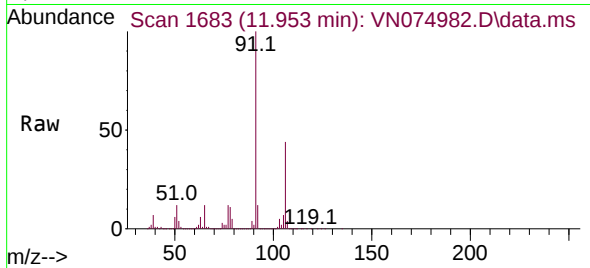
Tgt Ion:117 Resp: 496082
Ion Ratio Lower Upper
117 100
82 53.4 45.6 68.4
119 29.9 25.1 37.7





#67
Ethyl Benzene
Concen: 857.369 ug/l m
RT: 11.953 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

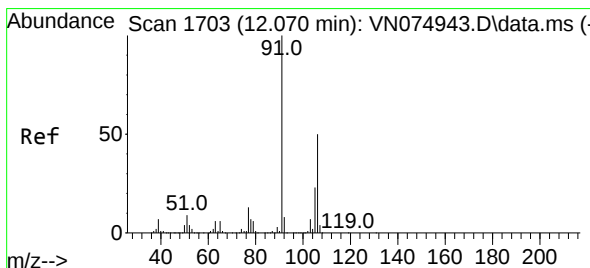
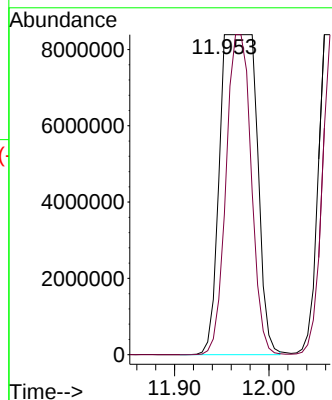
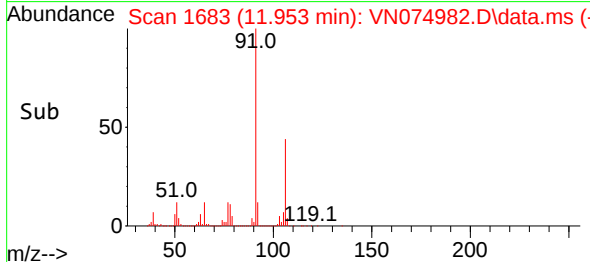
Instrument :
MSVOA_N
ClientSampleId :
MW-2



Tgt Ion: 91 Resp:2283418
Ion Ratio Lower Upper
91 100
106 43.8 25.4 38.2

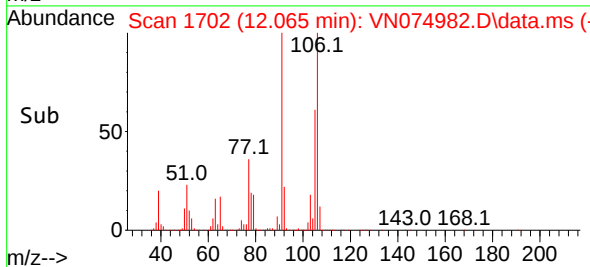
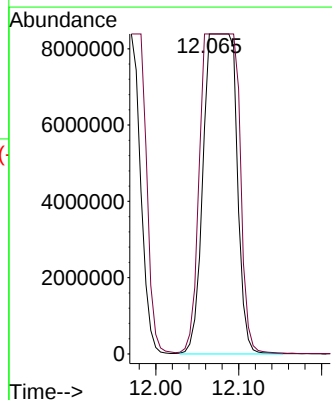
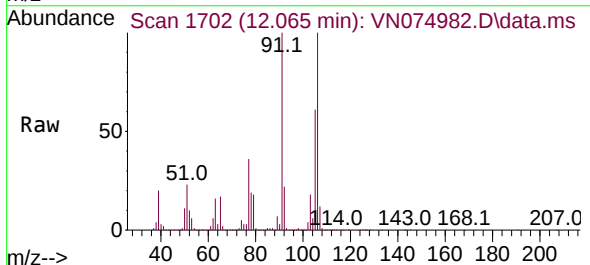
Manual Integrations
APPROVED

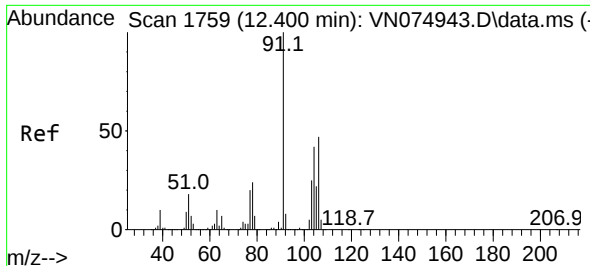
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#68
m/p-Xylenes
Concen: 2221.545 ug/l m
RT: 12.065 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

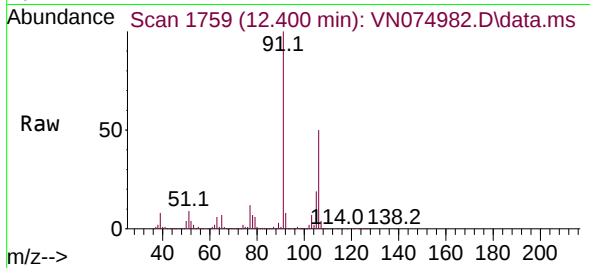
Tgt Ion:106 Resp:23069683
Ion Ratio Lower Upper
106 100
91 0.0 159.7 239.5





#69
o-Xylene
Concen: 117.811 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

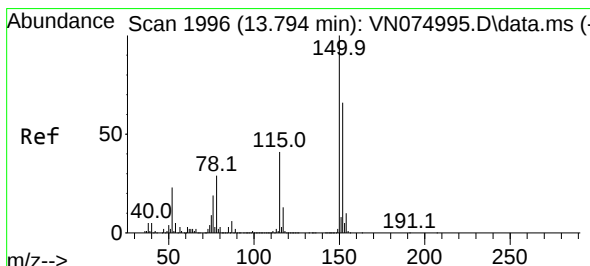
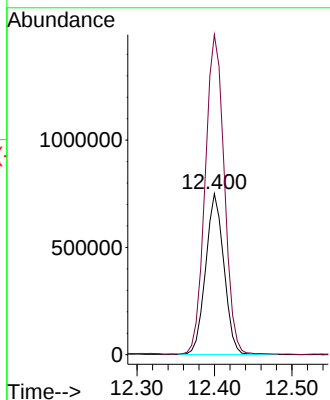
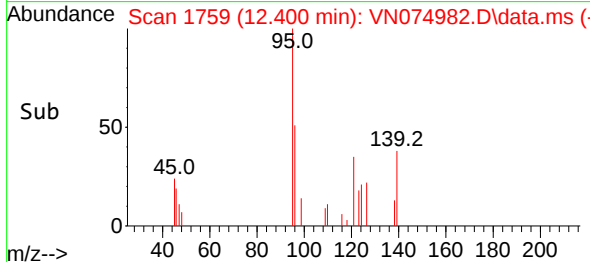
Instrument :
MSVOA_N
ClientSampleId :
MW-2



Tgt Ion:106 Resp: 122552
Ion Ratio Lower Upper
106 100
91 208.9 103.6 310.7

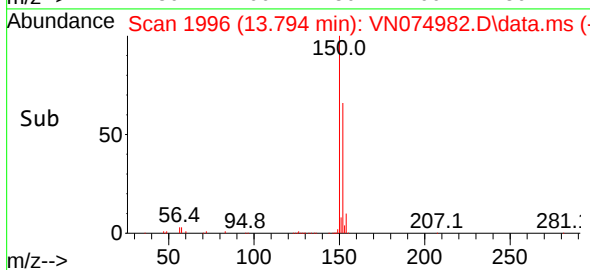
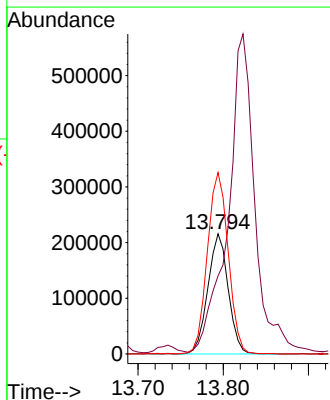
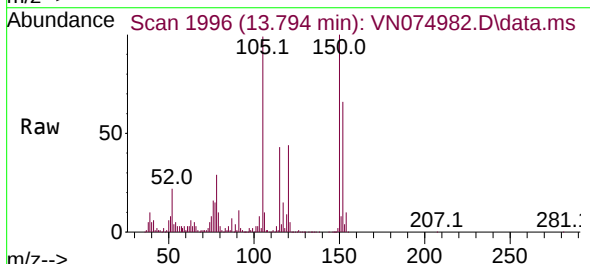
Manual Integrations
APPROVED

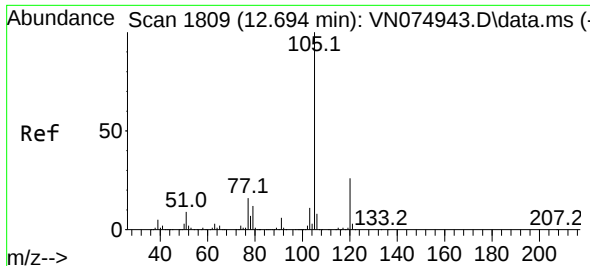
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

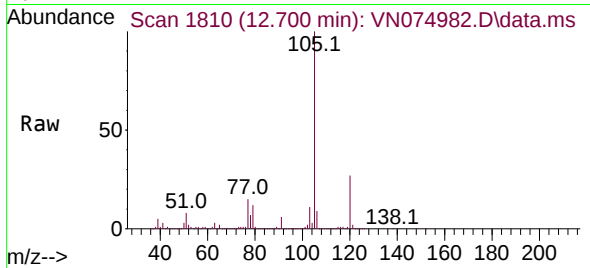
Tgt Ion:152 Resp: 358893
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8#
150 154.1 0.0 349.6





#73
Isopropylbenzene
Concen: 115.592 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

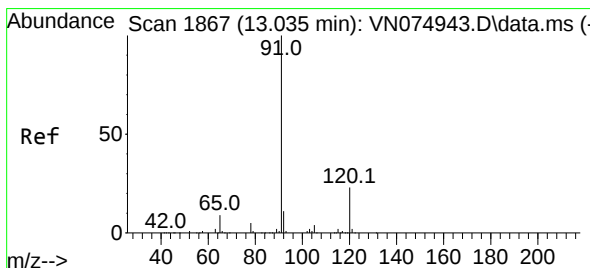
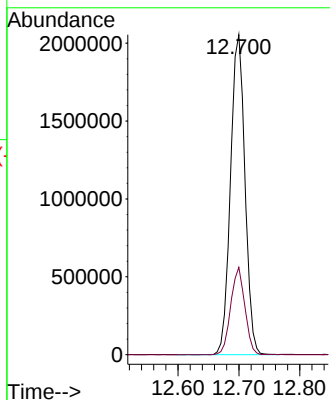
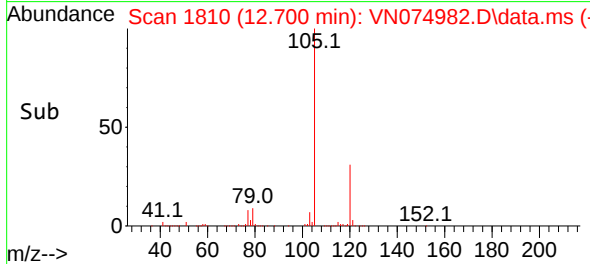
Instrument :
MSVOA_N
ClientSampleId :
MW-2



Tgt Ion:105 Resp: 338855
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

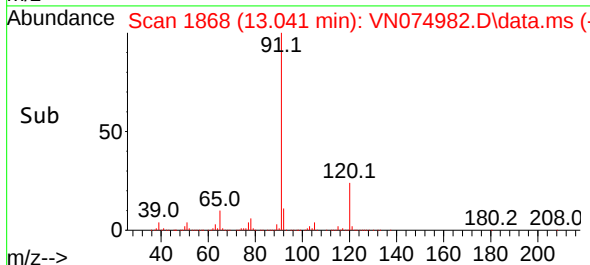
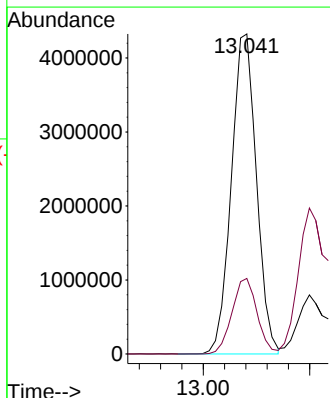
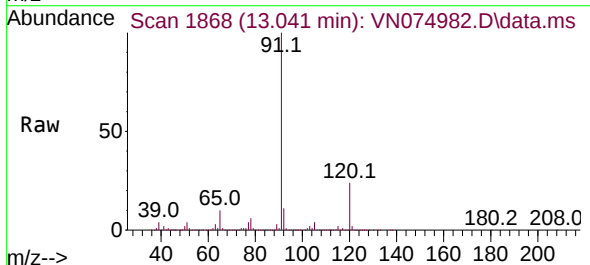
Manual Integrations
APPROVED

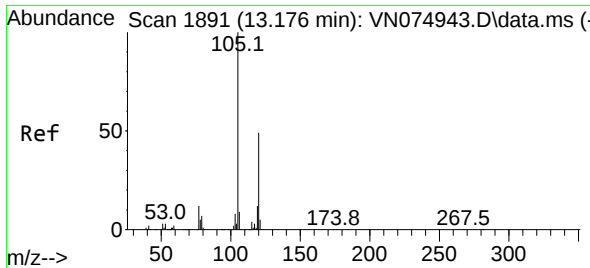
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#78
n-propylbenzene
Concen: 206.206 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

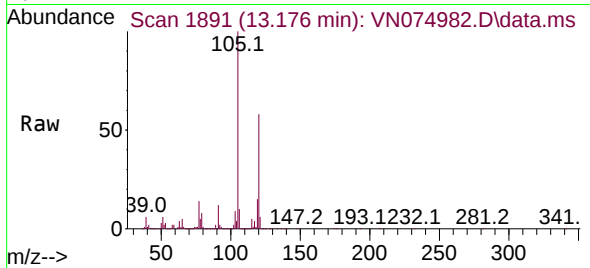
Tgt Ion: 91 Resp: 7074606
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.4





#80
1,3,5-Trimethylbenzene
Concen: 563.234 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

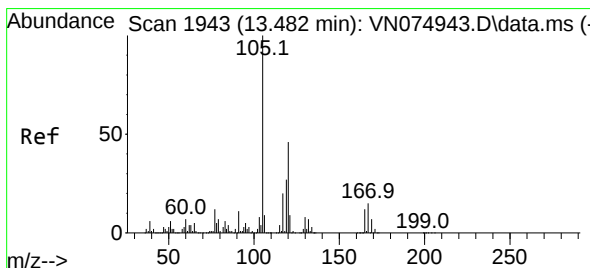
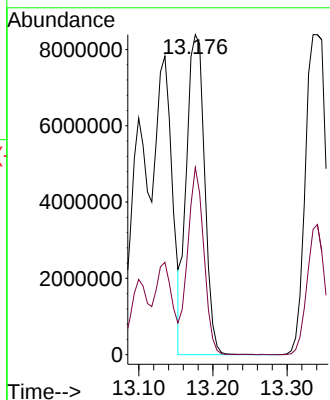
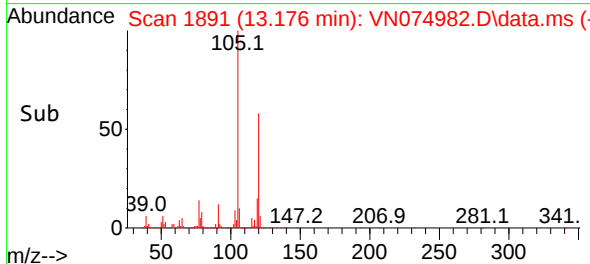
Instrument :
MSVOA_N
ClientSampleId :
MW-2



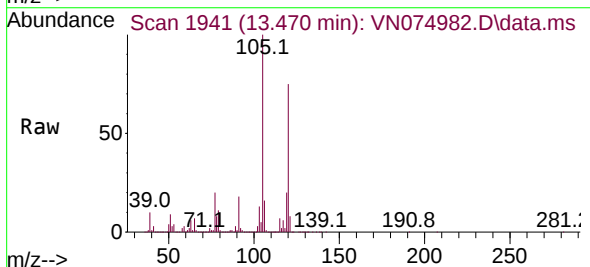
Tgt Ion:105 Resp:1426191
Ion Ratio Lower Upper
105 100
120 52.2 24.3 72.9

Manual Integrations
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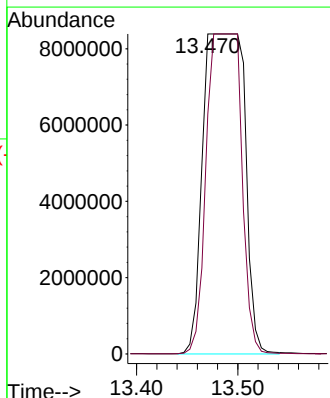
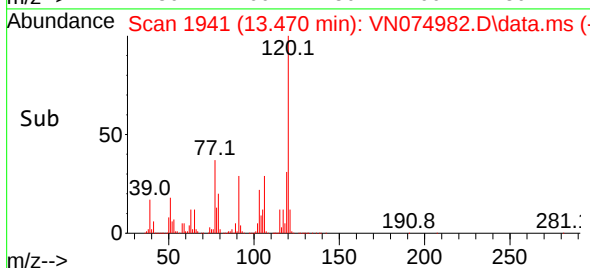
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

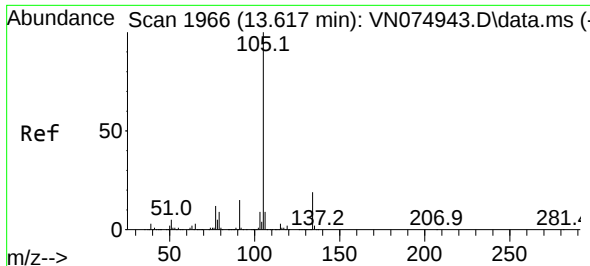


#84
1,2,4-Trimethylbenzene
Concen: 938.280 ug/l m
RT: 13.470 min Scan# 1941
Delta R.T. -0.012 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36



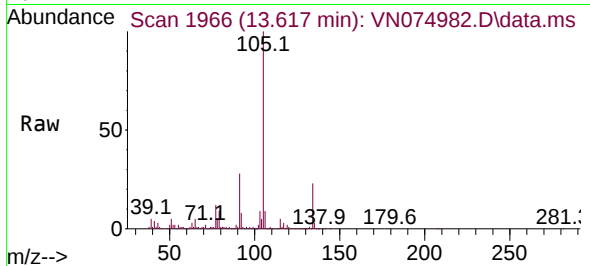
Tgt Ion:105 Resp:23996838
Ion Ratio Lower Upper
105 100
120 23.7 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 17.294 ug/l m
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074982.D
 Acq: 24 Oct 2022 14:36

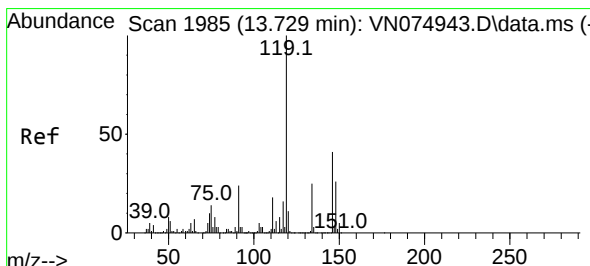
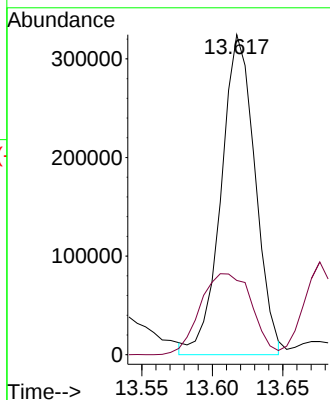
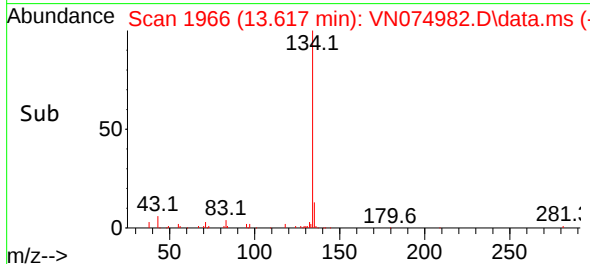
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2



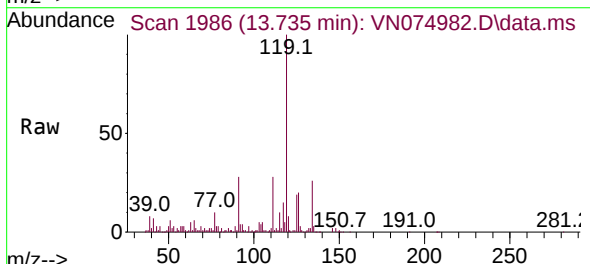
Tgt Ion:105 Resp: 544097
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#

Manual Integrations
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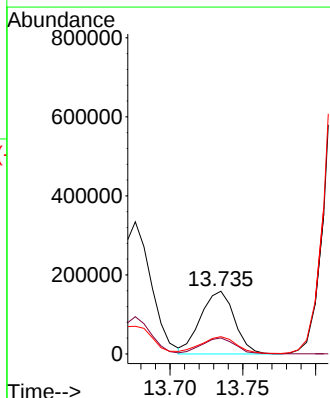
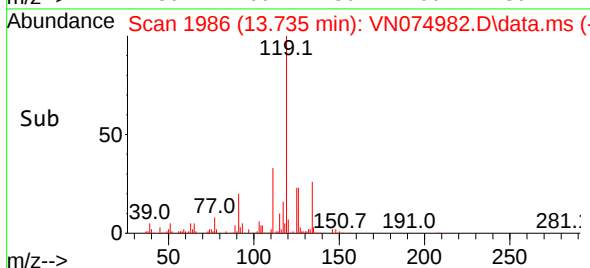
Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022

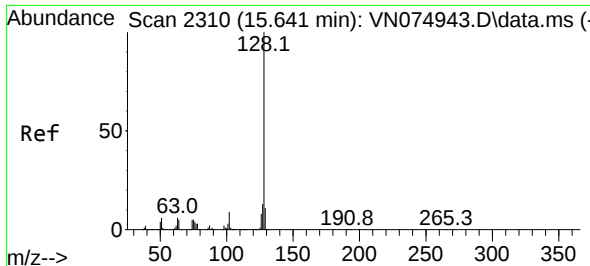


#86
 p-Isopropyltoluene
 Concen: 9.943 ug/l m
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN074982.D
 Acq: 24 Oct 2022 14:36



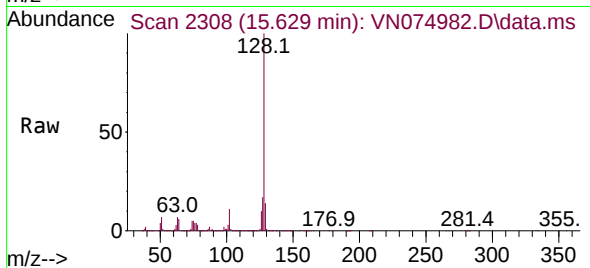
Tgt Ion:119 Resp: 257631
 Ion Ratio Lower Upper
 119 100
 134 55.5 12.9 38.7#
 91 0.0 11.9 35.5#





#95
Naphthalene
Concen: 1088.011 ug/l m
RT: 15.629 min Scan# 2308
Delta R.T. -0.012 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

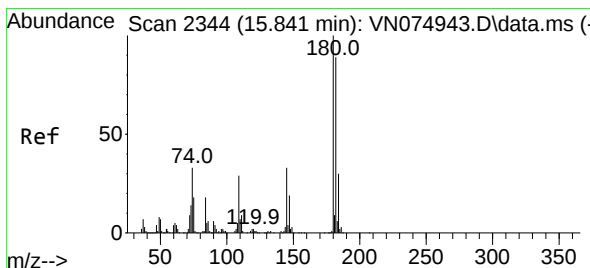
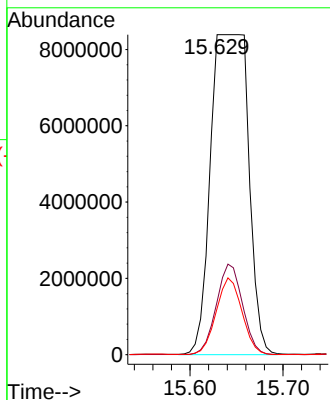
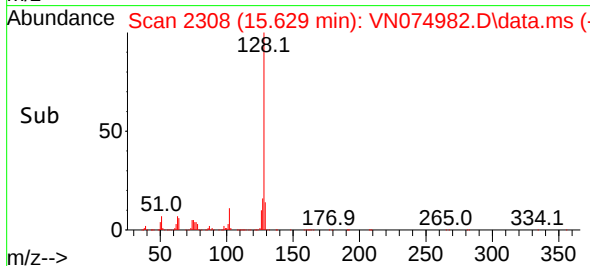
Instrument :
MSVOA_N
ClientSampleId :
MW-2



Tgt Ion:128 Resp:23723239
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6
129 0.0 8.6 12.8

Manual Integrations
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Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#96
1,2,3-Trichlorobenzene
Concen: 2.064 ug/l
RT: 15.835 min Scan# 2343
Delta R.T. -0.006 min
Lab File: VN074982.D
Acq: 24 Oct 2022 14:36

Tgt Ion:180 Resp: 11919
Ion Ratio Lower Upper
180 100
182 88.5 46.7 140.1
145 0.0 17.2 51.5

