

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081476.D
 Acq On : 19 Mar 2024 17:21
 Operator : JC\MD
 Sample : P1773-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6A

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/20/2024
 Supervised By :Mahesh Dadoda 03/20/2024

Quant Time: Mar 20 01:20:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	455222	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	787337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	685994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	312909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	285549	49.188	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.380%		
35) Dibromofluoromethane	8.165	113	245761	49.460	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.920%		
50) Toluene-d8	10.571	98	936905	52.161	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.320%		
62) 4-Bromofluorobenzene	12.847	95	313829	49.585	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	99.180%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	68033	36.262	ug/l	# 85
25) 2-Butanone	7.489	43	25509	7.927	ug/l	# 66
31) Cyclohexane	8.259	56	260071	27.530	ug/l	# 71
39) Methylcyclohexane	9.600	83	104245	11.163	ug/l	# 85
40) Benzene	8.606	78	95193	3.894	ug/l	# 87
52) Toluene	10.629	92	284667	18.320	ug/l	98
67) Ethyl Benzene	11.965	91	6894674	244.753	ug/l	98
68) m/p-Xylenes	12.076	106	2702191	255.878	ug/l	96
69) o-Xylene	12.400	106	789501	76.152	ug/l	96
73) Isopropylbenzene	12.700	105	329615	12.358	ug/l	97
78) n-propylbenzene	13.035	91	1026458	32.587	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	322429	14.636	ug/l	88
84) 1,2,4-Trimethylbenzene	13.482	105	3325374	150.184	ug/l	94
85) sec-Butylbenzene	13.618	105	63914m	2.353	ug/l	
86) p-Isopropyltoluene	13.729	119	19026	0.857	ug/l	# 71
89) n-Butylbenzene	14.059	91	50619	2.571	ug/l	# 81

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

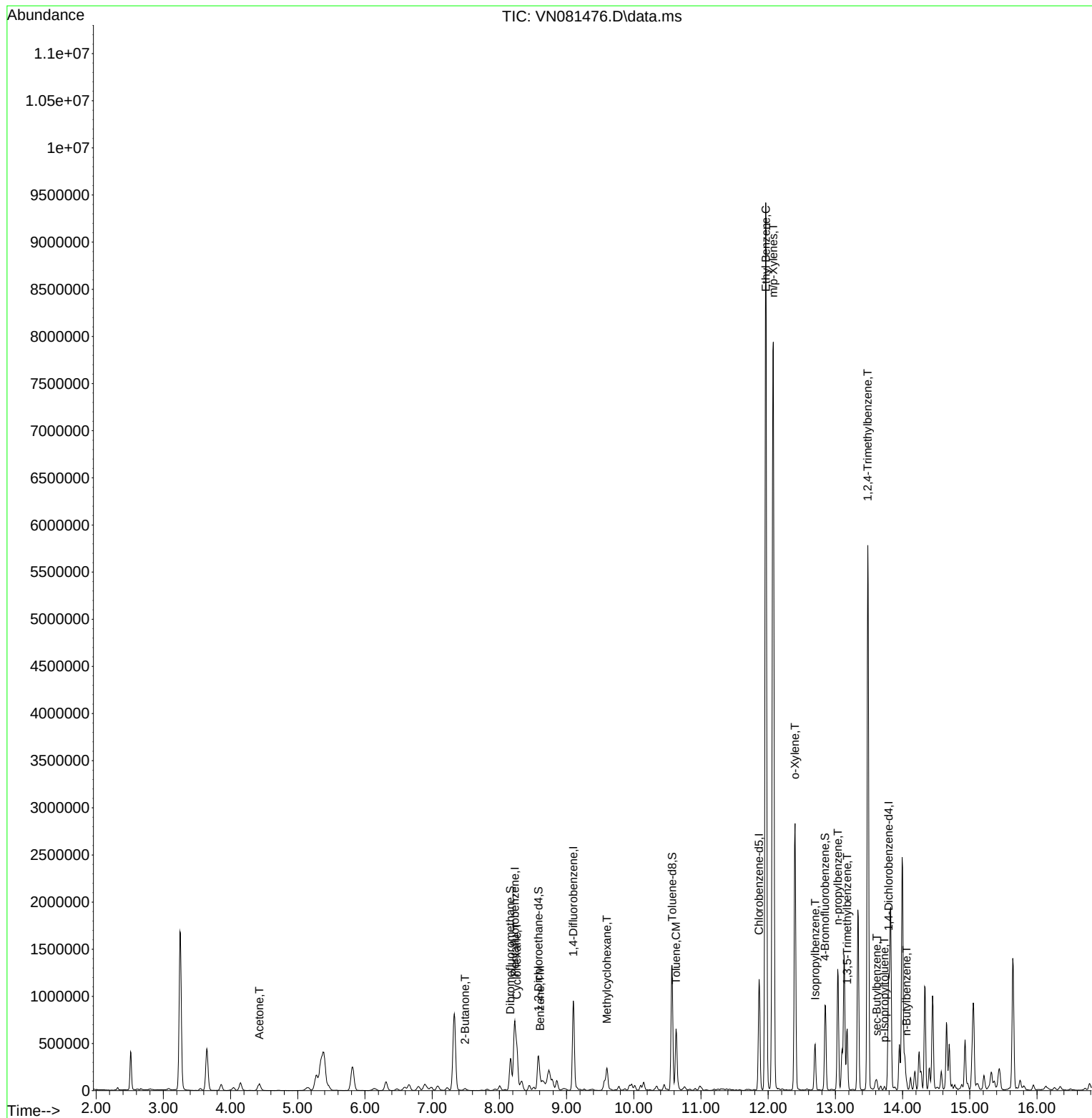
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
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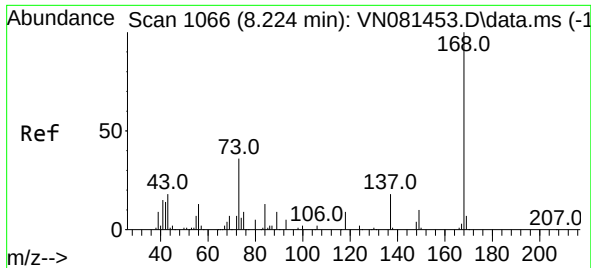
Instrument :
MSVOA_N
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
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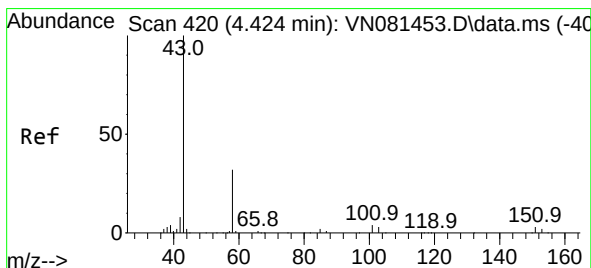
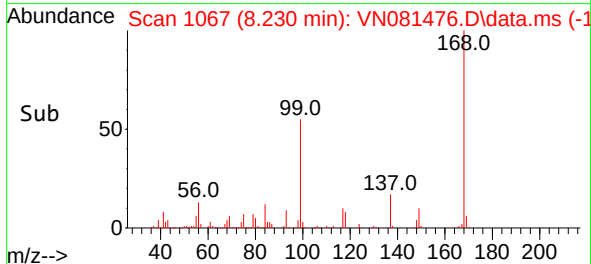
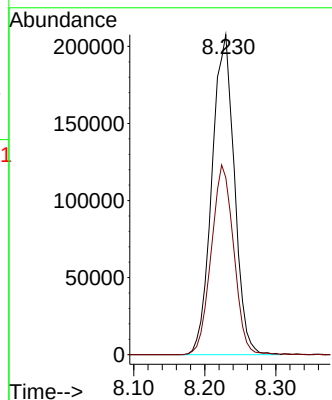
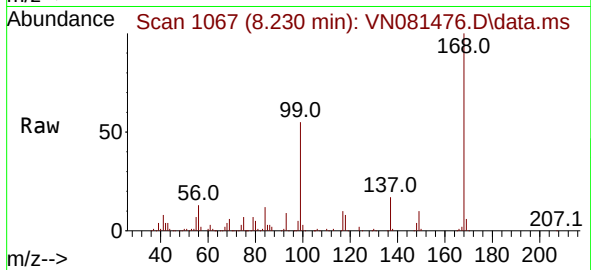
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
MW-6A

Tgt Ion:168 Resp: 45522
Ion Ratio Lower Upper
168 100
99 55.3 59.9 89.9

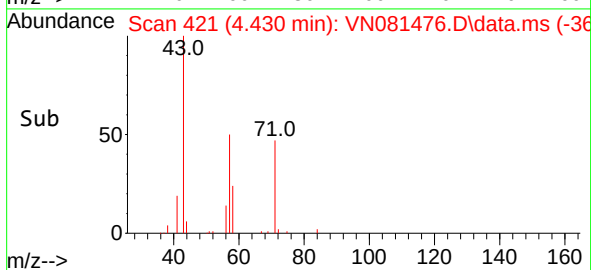
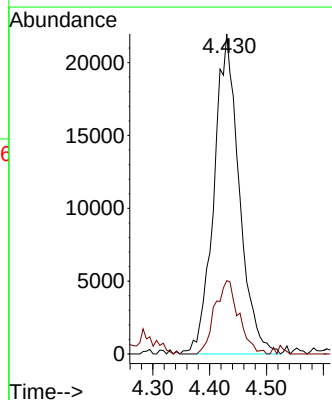
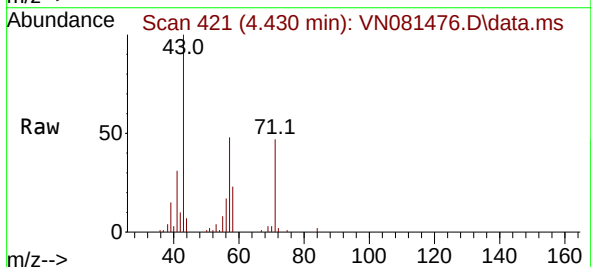
Manual Integrations
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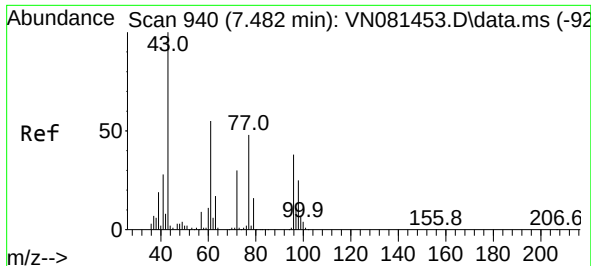
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#16
Acetone
Concen: 36.262 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21

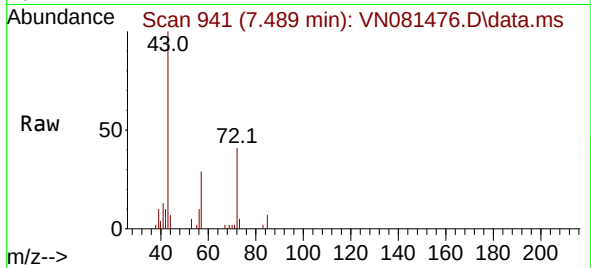
Tgt Ion: 43 Resp: 68033
Ion Ratio Lower Upper
43 100
58 22.9 24.8 37.2





#25
2-Butanone
Concen: 7.927 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21

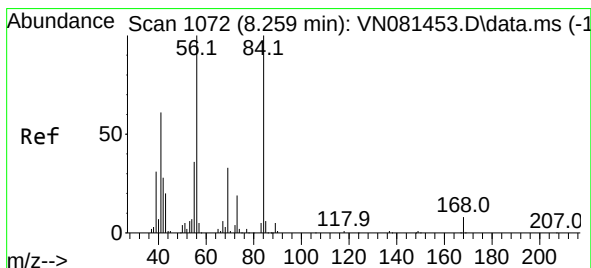
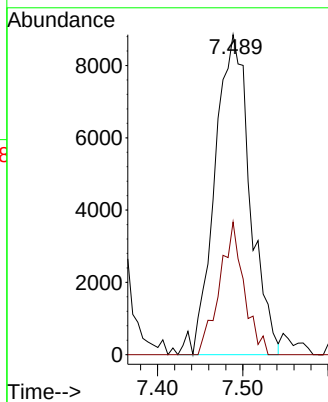
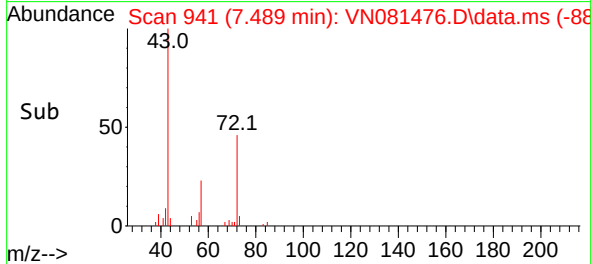
Instrument :
MSVOA_N
Client Sample Id :
MW-6A



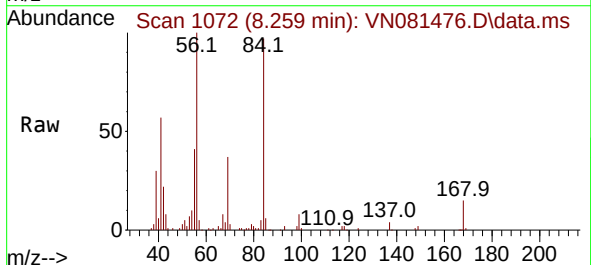
Tgt Ion: 43 Resp: 25509
Ion Ratio Lower Upper
43 100
72 41.4 19.5 29.3

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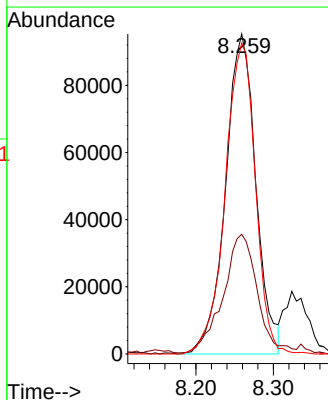
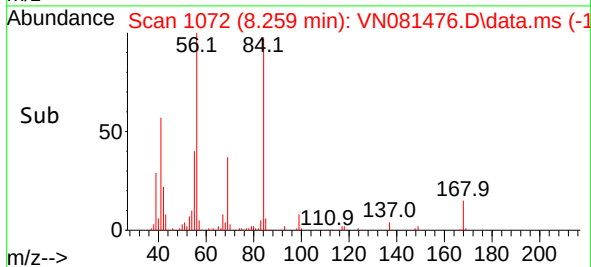
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

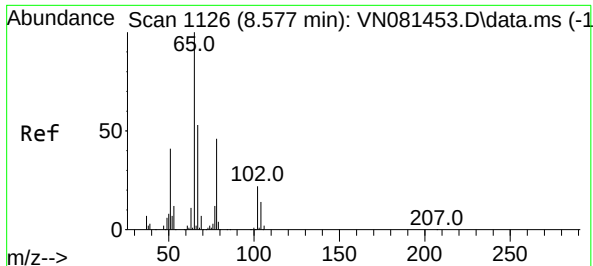


#31
Cyclohexane
Concen: 27.530 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21



Tgt Ion: 56 Resp: 260071
Ion Ratio Lower Upper
56 100
69 37.1 20.1 30.1#
84 97.1 56.9 85.3#





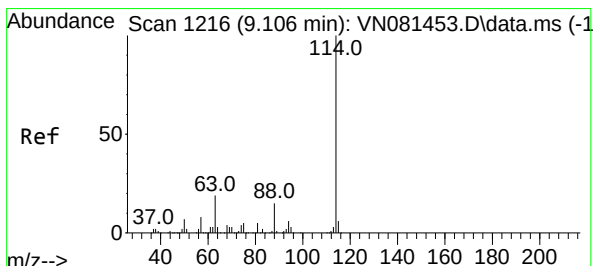
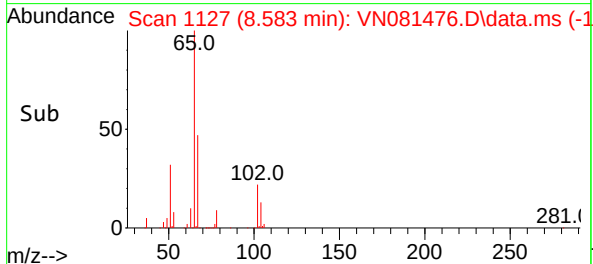
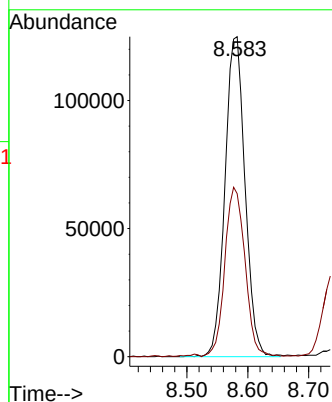
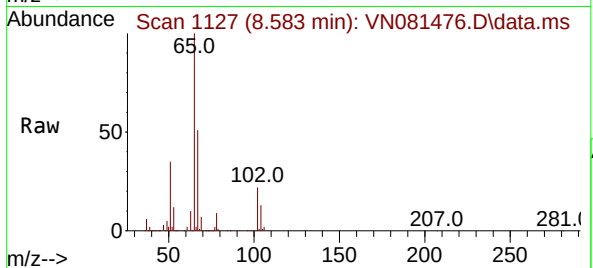
#33
1,2-Dichloroethane-d4
Concen: 49.188 ug/l
RT: 8.583 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
MW-6A

Tgt Ion: 65 Resp: 285549
Ion Ratio Lower Upper
65 100
67 53.4 0.0 102.4

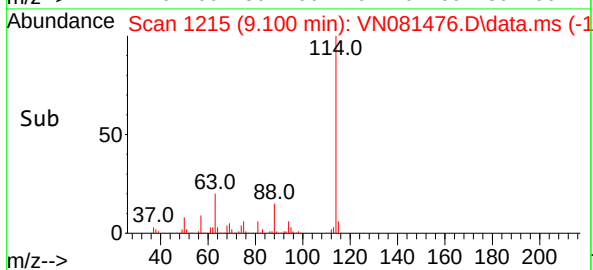
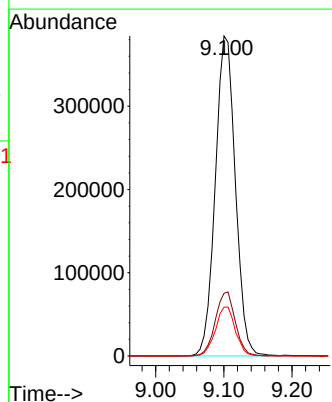
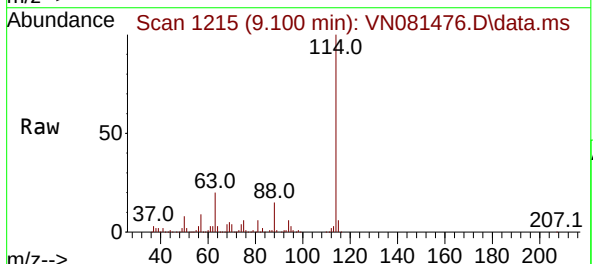
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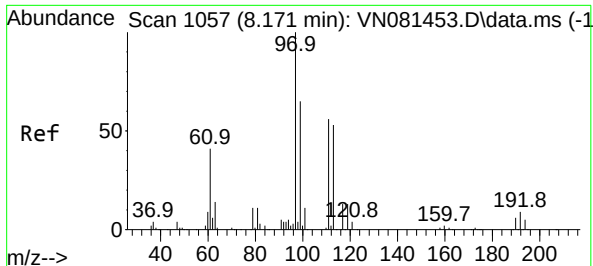
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21

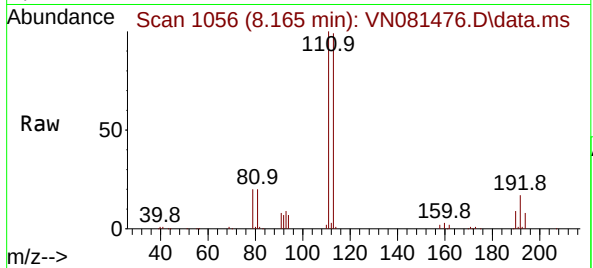
Tgt Ion:114 Resp: 787337
Ion Ratio Lower Upper
114 100
63 19.6 0.0 48.0
88 15.3 0.0 34.8





#35
Dibromofluoromethane
Concen: 49.460 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21

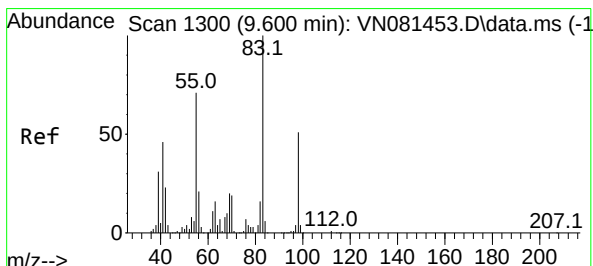
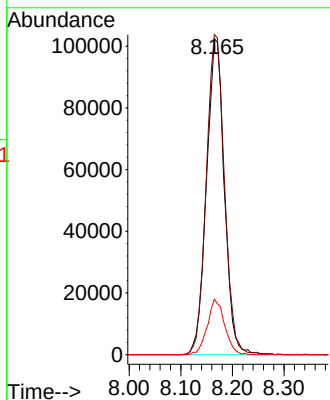
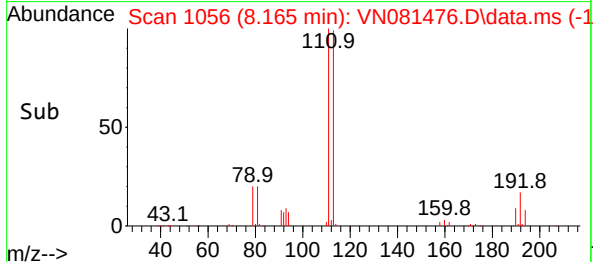
Instrument :
MSVOA_N
ClientSampleId :
MW-6A



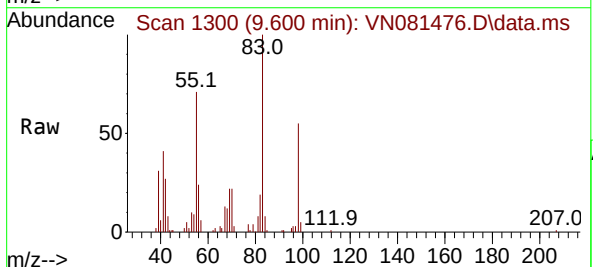
Tgt Ion: 113 Resp: 24576
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.1 12.5 18.7

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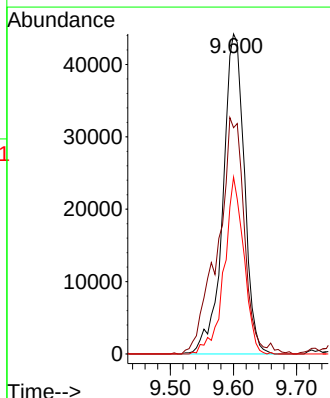
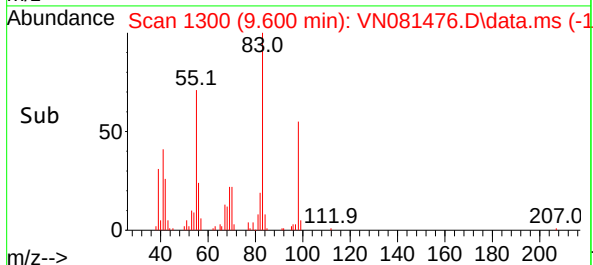
Reviewed By :John Carlone 03/20/2024
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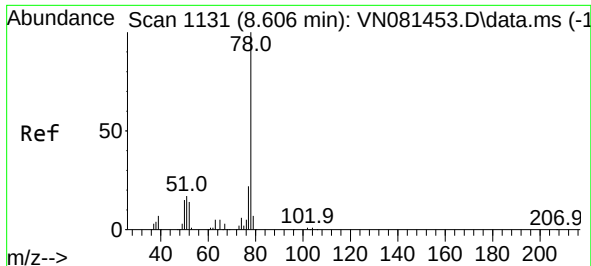


#39
Methylcyclohexane
Concen: 11.163 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21



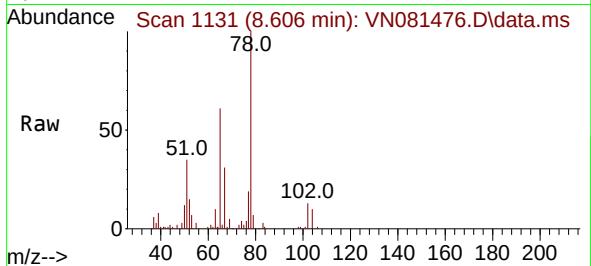
Tgt Ion: 83 Resp: 104245
Ion Ratio Lower Upper
83 100
55 70.7 65.7 98.5
98 55.3 33.8 50.6





#40
Benzene
Concen: 3.894 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21

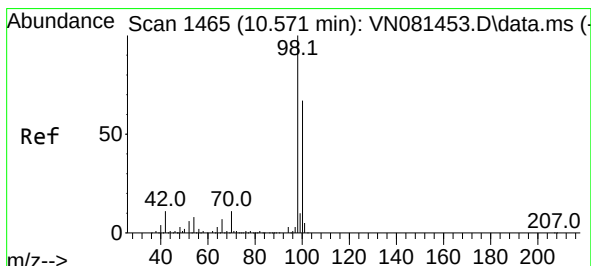
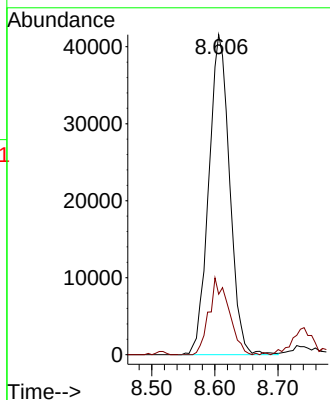
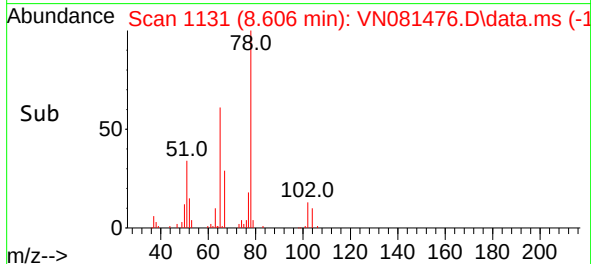
Instrument :
MSVOA_N
ClientSampleId :
MW-6A



Tgt Ion: 78 Resp: 95193
Ion Ratio Lower Upper
78 100
77 18.9 20.4 30.6

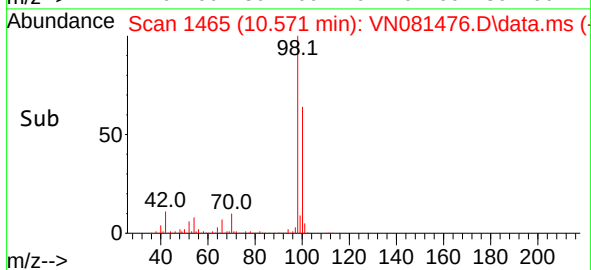
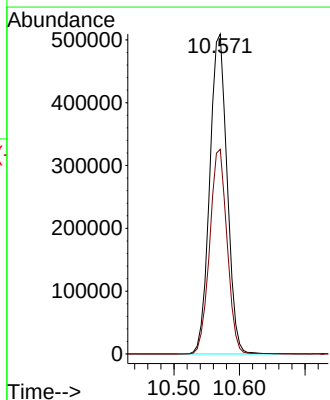
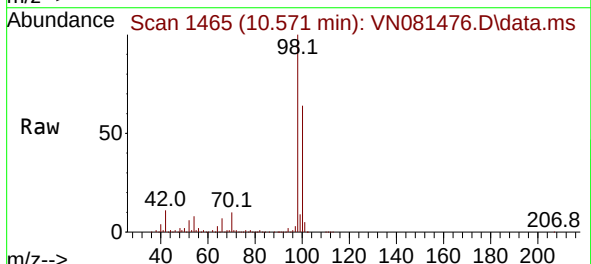
Manual Integrations
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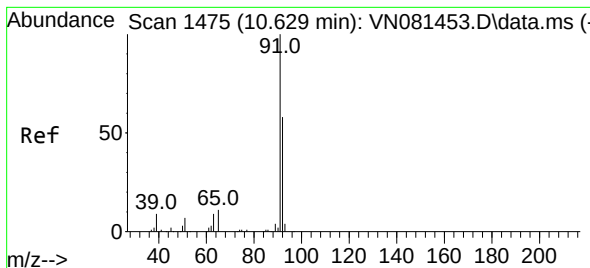
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#50
Toluene-d8
Concen: 52.161 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21

Tgt Ion: 98 Resp: 936905
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0





#52

Toluene

Concen: 18.320 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081476.D

Acq: 19 Mar 2024 17:21

Instrument :

MSVOA_N

ClientSampleId :

MW-6A

Tgt Ion: 92 Resp: 28466

Ion Ratio Lower Upper

92 100

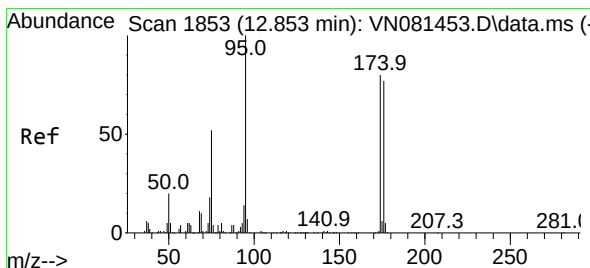
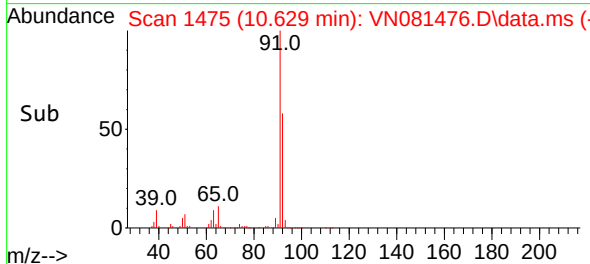
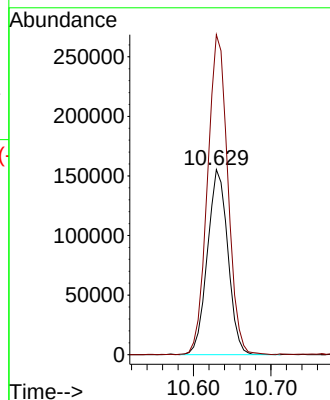
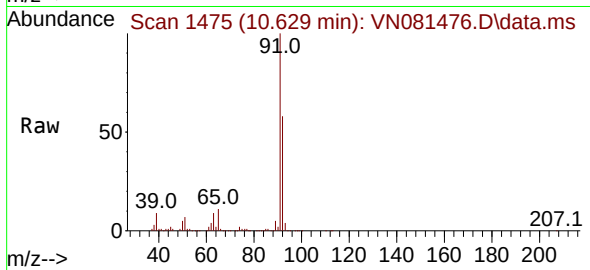
91 171.9 139.4 209.0

Manual Integrations

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Supervised By :Mahesh Dadoda 03/20/2024



#62

4-Bromofluorobenzene

Concen: 49.585 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN081476.D

Acq: 19 Mar 2024 17:21

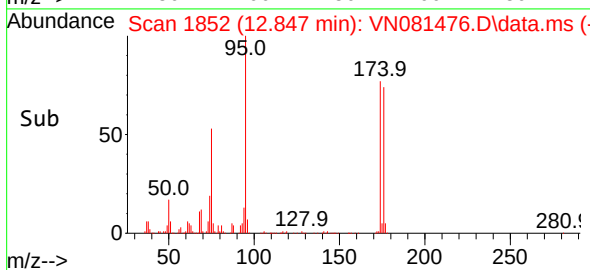
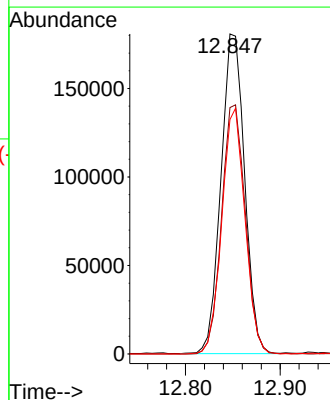
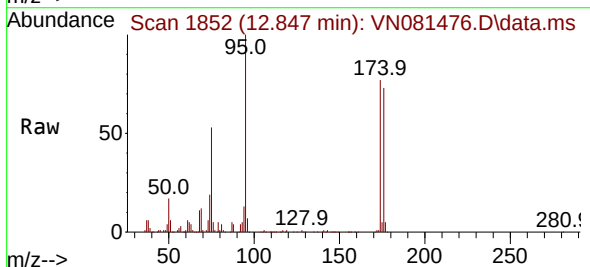
Tgt Ion: 95 Resp: 313829

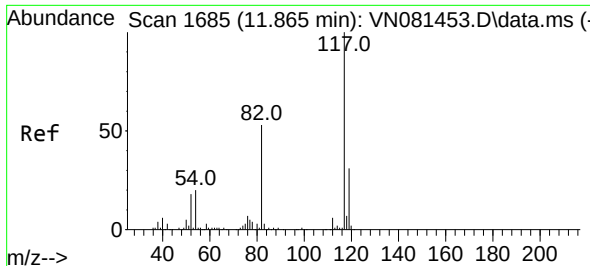
Ion Ratio Lower Upper

95 100

174 78.2 0.0 120.4

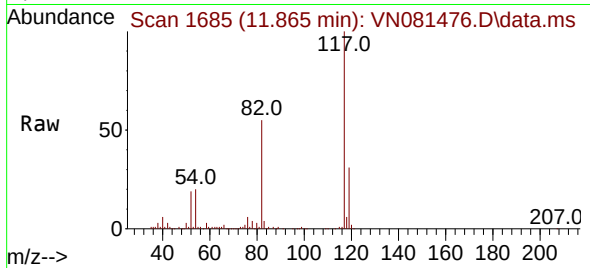
176 75.2 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21

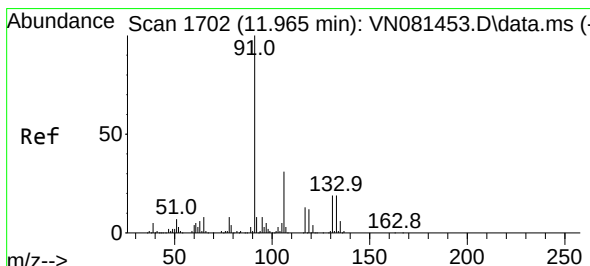
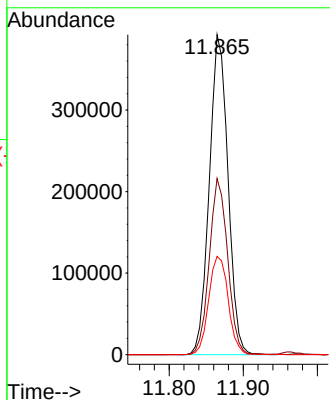
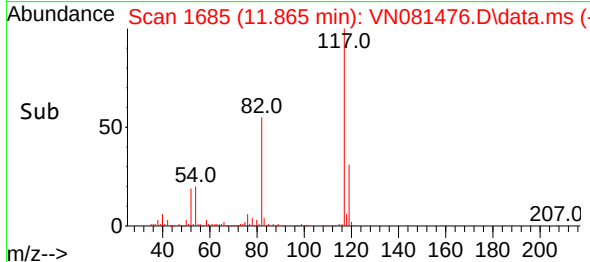
Instrument :
MSVOA_N
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MW-6A



Tgt Ion:117 Resp: 685994
Ion Ratio Lower Upper
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82 55.0 52.7 79.1
119 30.7 25.3 37.9

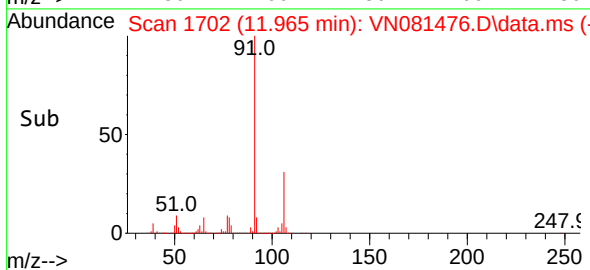
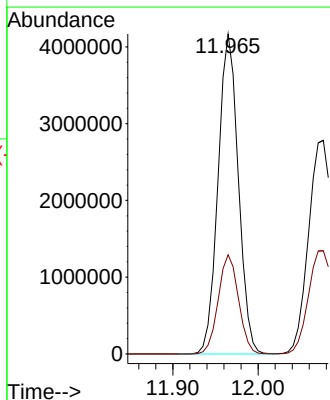
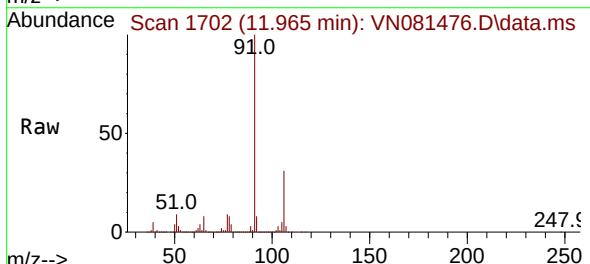
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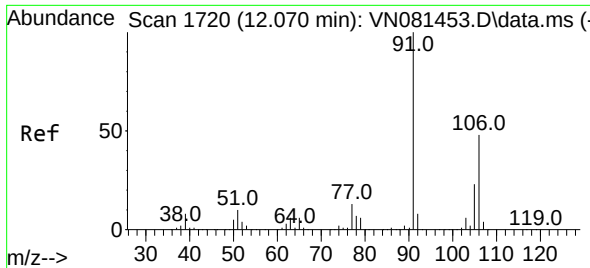
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#67
Ethyl Benzene
Concen: 244.753 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21

Tgt Ion: 91 Resp: 6894674
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.6





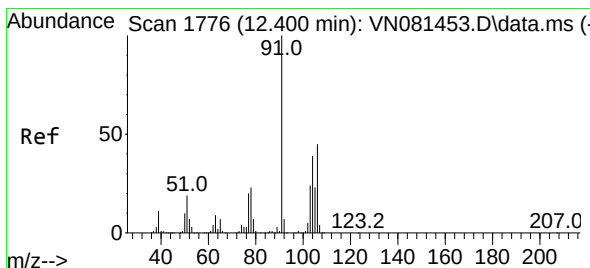
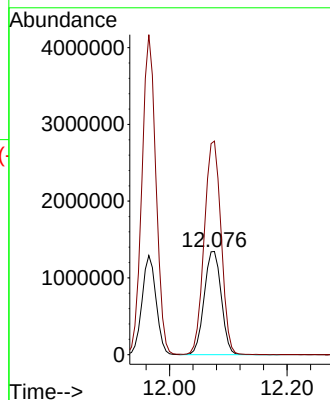
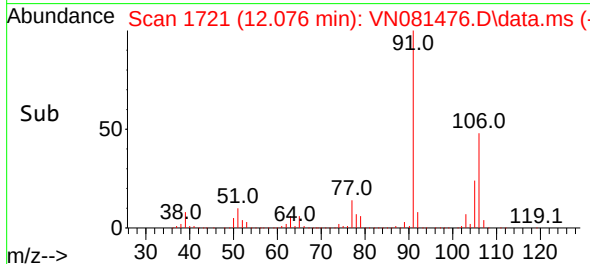
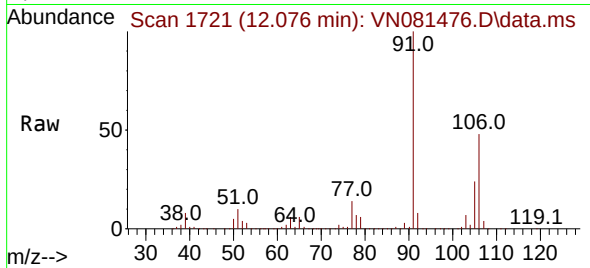
#68
m/p-Xylenes
Concen: 255.878 ug/l
RT: 12.076 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21

Instrument :
MSVOA_N
ClientSampleId :
MW-6A

Tgt Ion:106 Resp: 270219
Ion Ratio Lower Upper
106 100
91 204.5 169.0 253.6

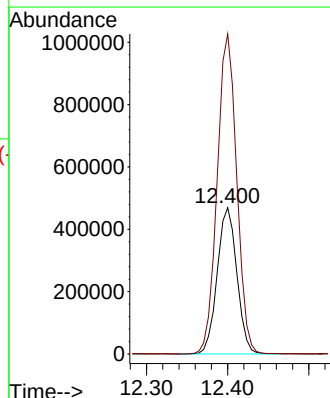
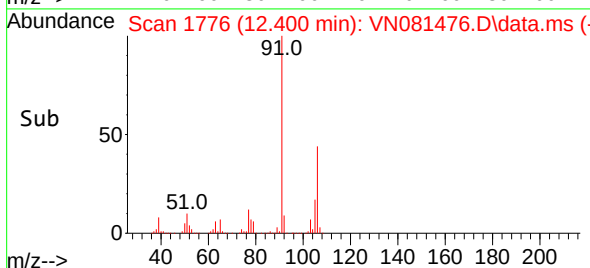
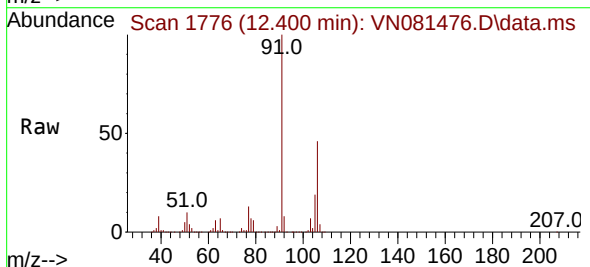
Manual Integrations
APPROVED

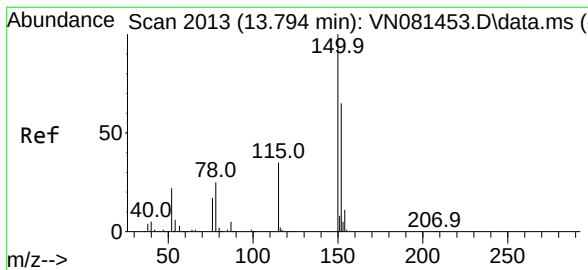
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#69
o-Xylene
Concen: 76.152 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21

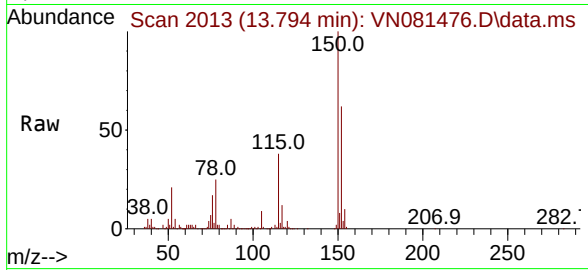
Tgt Ion:106 Resp: 789501
Ion Ratio Lower Upper
106 100
91 217.9 112.1 336.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21

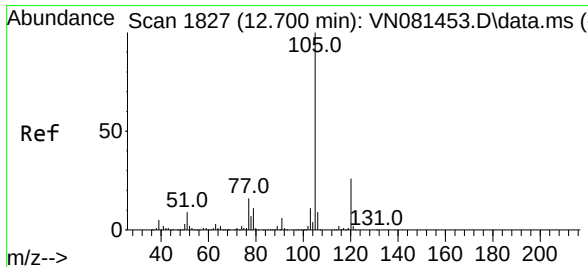
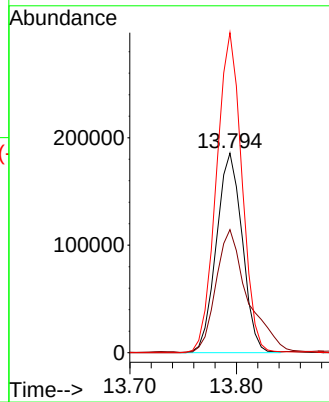
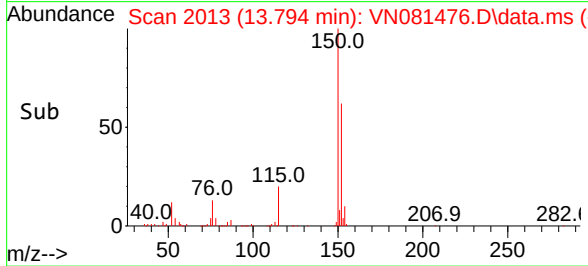
Instrument :
MSVOA_N
ClientSampleId :
MW-6A



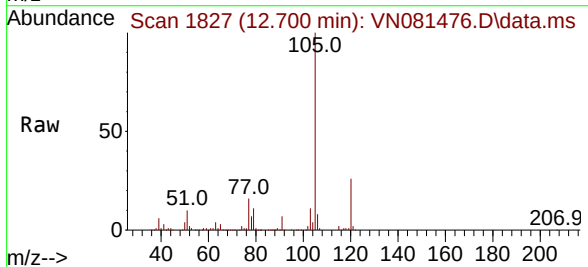
Tgt Ion:152 Resp: 312909
Ion Ratio Lower Upper
152 100
115 75.7 32.3 96.8
150 158.6 0.0 339.8

Manual Integrations
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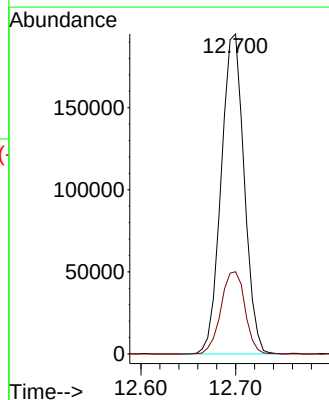
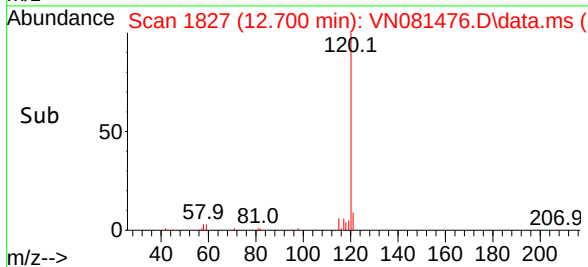
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

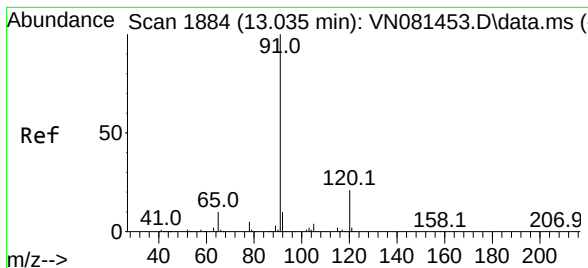


#73
Isopropylbenzene
Concen: 12.358 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21



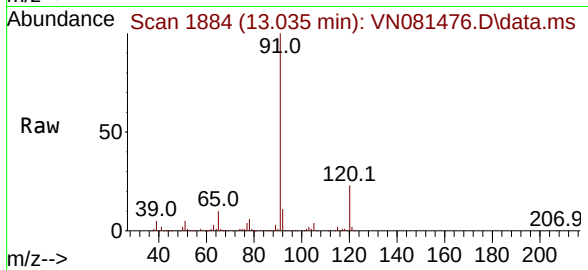
Tgt Ion:105 Resp: 329615
Ion Ratio Lower Upper
105 100
120 26.8 12.6 37.6





#78
n-propylbenzene
Concen: 32.587 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21

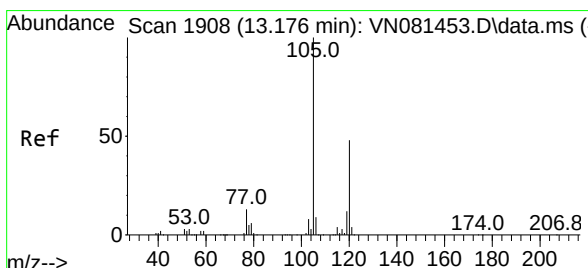
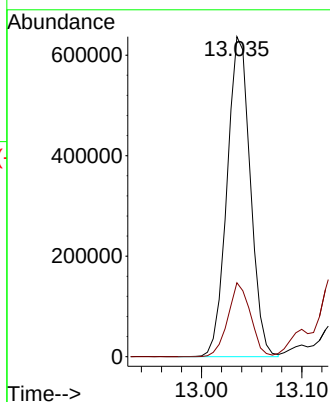
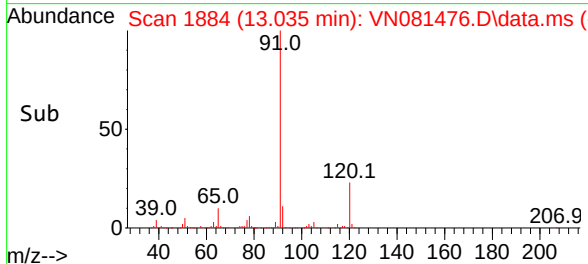
Instrument :
MSVOA_N
ClientSampleId :
MW-6A



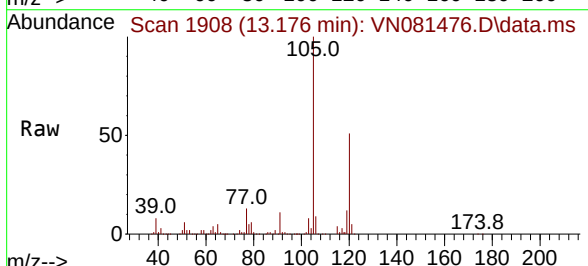
Tgt Ion: 91 Resp: 1026458
Ion Ratio Lower Upper
91 100
120 22.4 10.3 30.9

Manual Integrations
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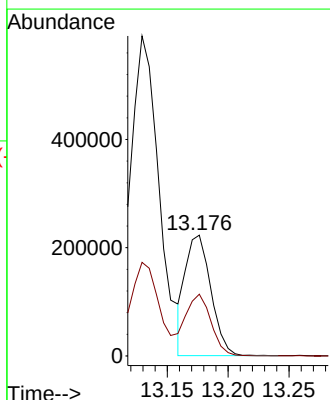
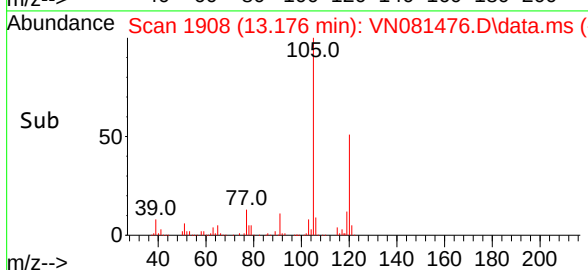
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

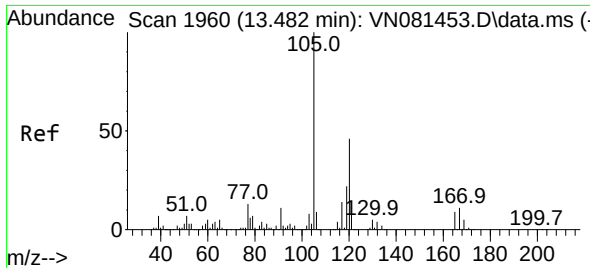


#80
1,3,5-Trimethylbenzene
Concen: 14.636 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21



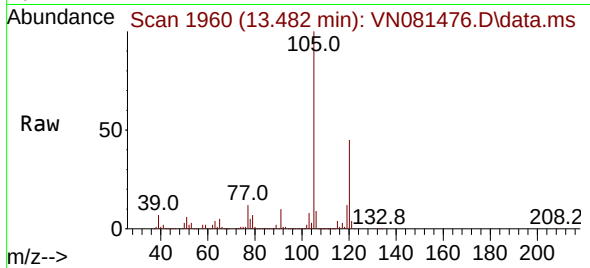
Tgt Ion:105 Resp: 322429
Ion Ratio Lower Upper
105 100
120 54.0 23.0 69.0





#84
1,2,4-Trimethylbenzene
Concen: 150.184 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21

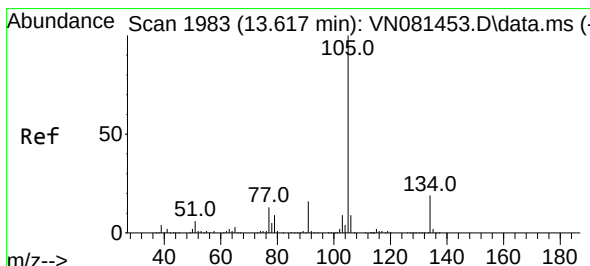
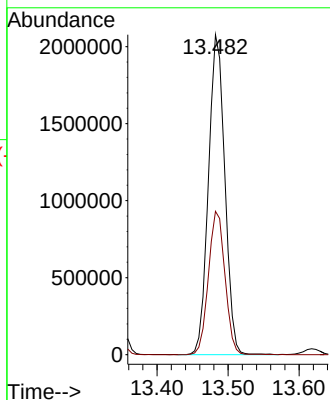
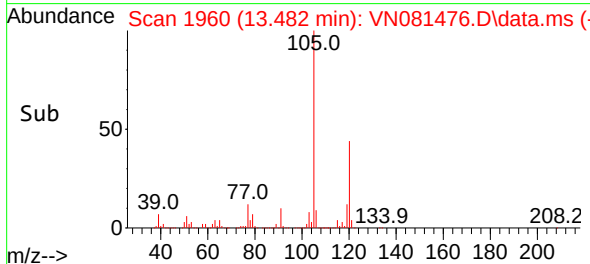
Instrument :
MSVOA_N
ClientSampleId :
MW-6A



Tgt Ion:105 Resp: 3325374
Ion Ratio Lower Upper
105 100
120 45.4 20.9 62.7

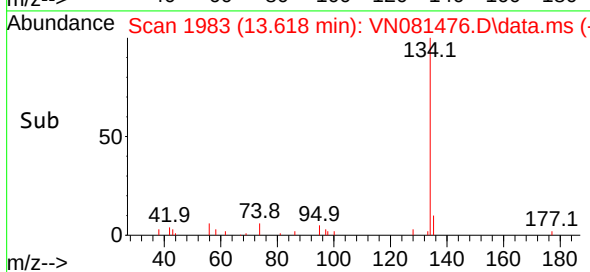
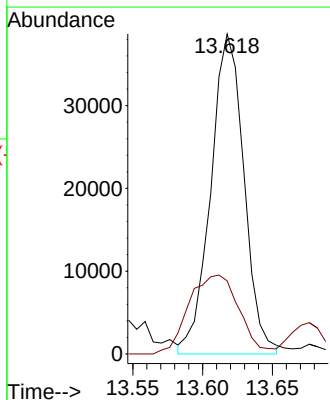
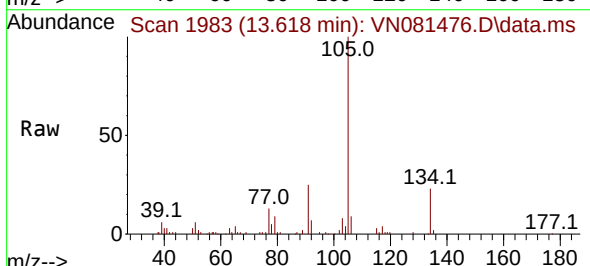
Manual Integrations
APPROVED

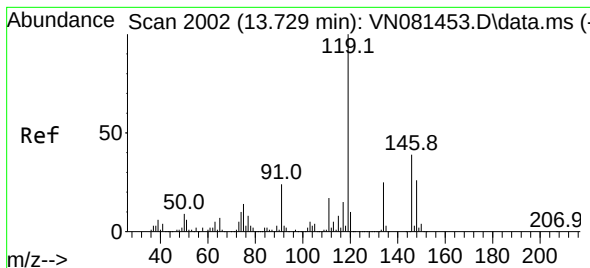
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#85
sec-Butylbenzene
Concen: 2.353 ug/l m
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21

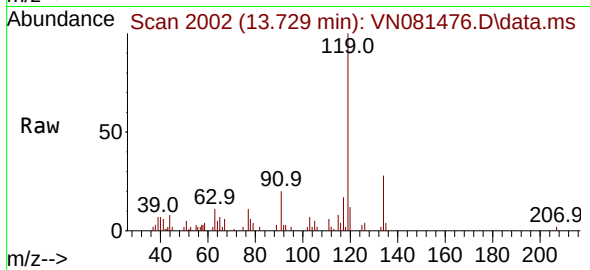
Tgt Ion:105 Resp: 63914
Ion Ratio Lower Upper
105 100
134 0.0 8.6 25.8#





#86
p-Isopropyltoluene
Concen: 0.857 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21

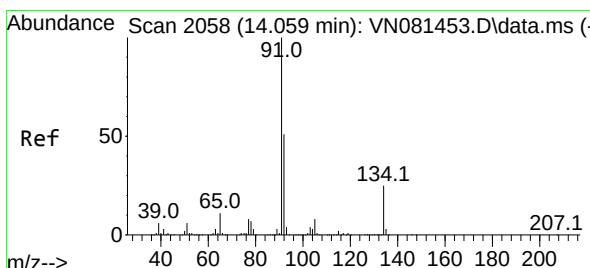
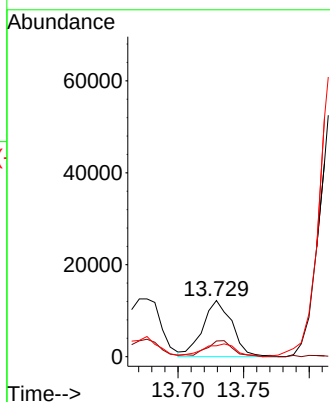
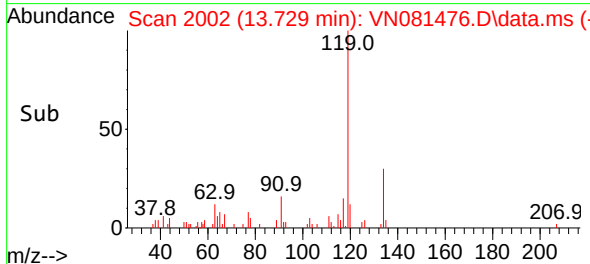
Instrument :
MSVOA_N
ClientSampleId :
MW-6A



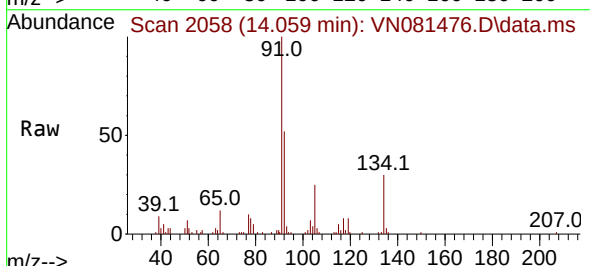
Tgt Ion:119 Resp: 19020
Ion Ratio Lower Upper
119 100
134 26.4 12.4 37.2
91 0.0 13.5 40.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#89
n-Butylbenzene
Concen: 2.571 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081476.D
Acq: 19 Mar 2024 17:21



Tgt Ion: 91 Resp: 50619
Ion Ratio Lower Upper
91 100
92 47.2 26.7 80.1
134 0.0 10.8 32.4

