

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081505.D
 Acq On : 20 Mar 2024 19:45
 Operator : JC\MD
 Sample : P1784-03DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2024
 Supervised By : Mahesh Dadoda 03/21/2024

Quant Time: Mar 21 01:25:49 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	8.229	168	525602	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	886310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	769663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	346398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	305500	45.578	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.160%		
35) Dibromofluoromethane	8.171	113	265784	47.516	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.040%		
50) Toluene-d8	10.570	98	1012189	50.059	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.120%		
62) 4-Bromofluorobenzene	12.853	95	347868	48.826	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	97.660%		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.259	56	138905	12.735	ug/l	# 69
39) Methylcyclohexane	9.600	83	145526	13.844	ug/l	86
52) Toluene	10.629	92	48593	2.778	ug/l	99
67) Ethyl Benzene	11.965	91	132966	4.207	ug/l	99
68) m/p-Xylenes	12.070	106	466047	39.334	ug/l	94
69) o-Xylene	12.400	106	226280	19.453	ug/l	94
73) Isopropylbenzene	12.700	105	52305	1.771	ug/l	92
78) n-propylbenzene	13.035	91	104963	3.010	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	147813	6.061	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	641023	26.152	ug/l	93
85) sec-Butylbenzene	13.623	105	13954m	0.464	ug/l	
86) p-Isopropyltoluene	13.723	119	10862	0.442	ug/l	91
89) n-Butylbenzene	14.059	91	10830	0.497	ug/l	# 67

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

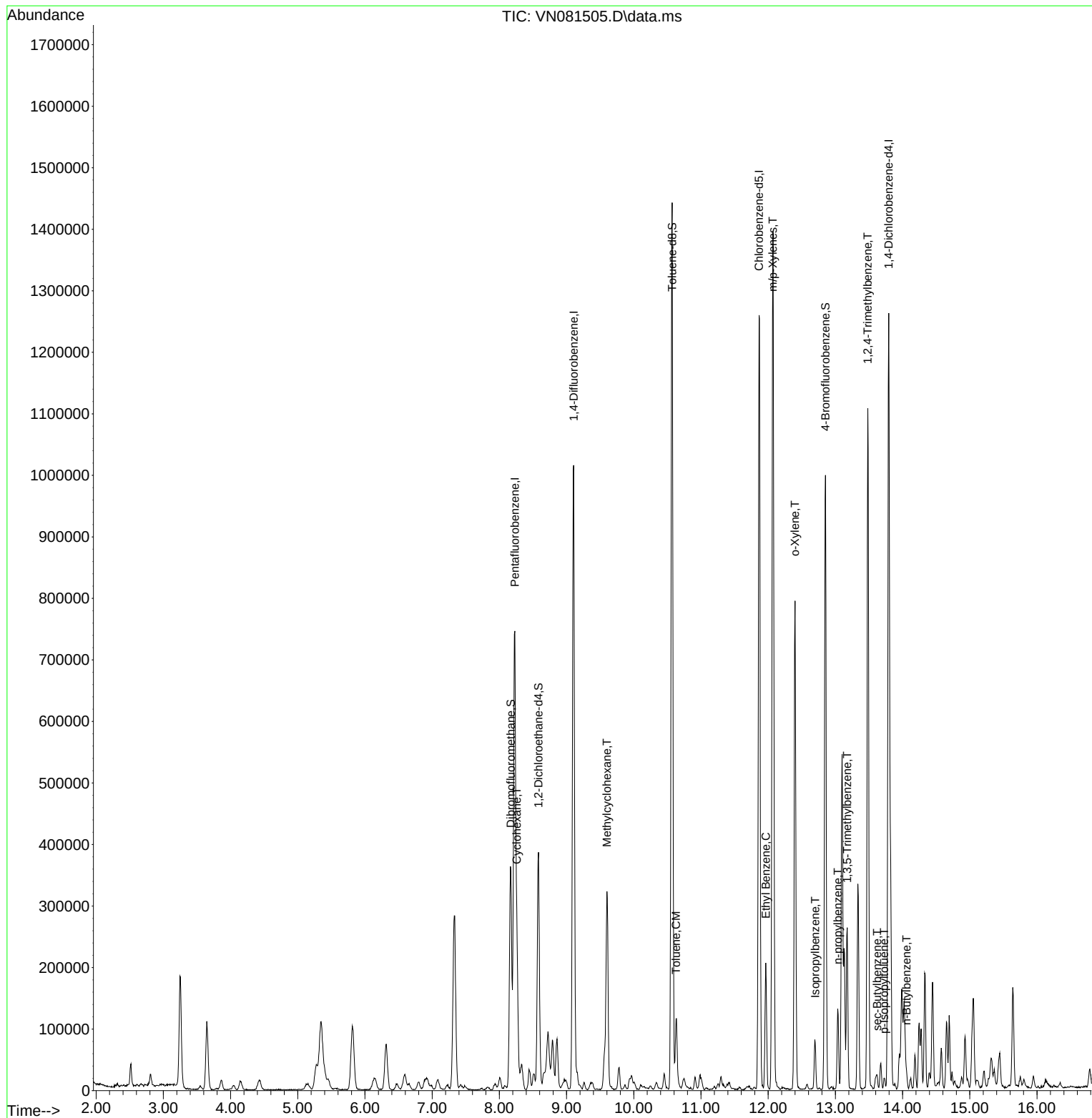
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081505.D
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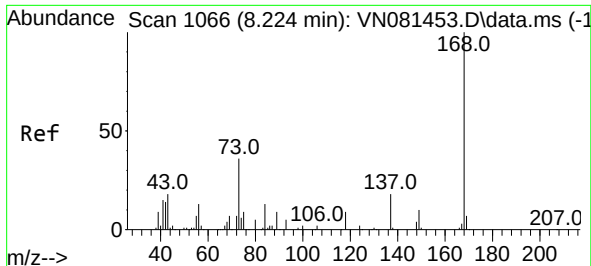
Instrument :
MSVOA_N
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Quant Time: Mar 21 01:25:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
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QLast Update : Tue Mar 19 06:00:00 2024
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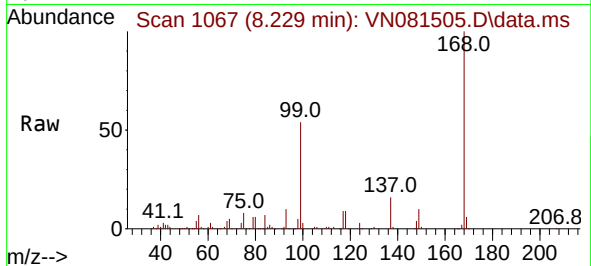
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

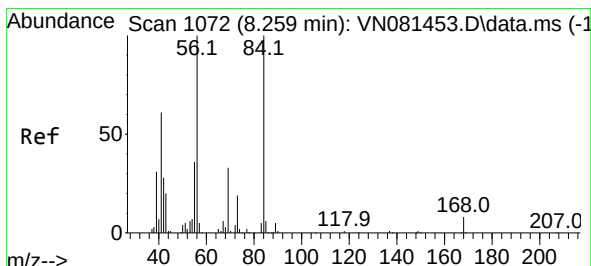
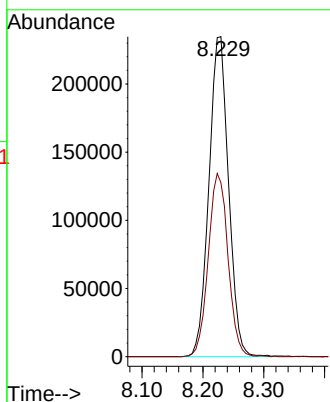
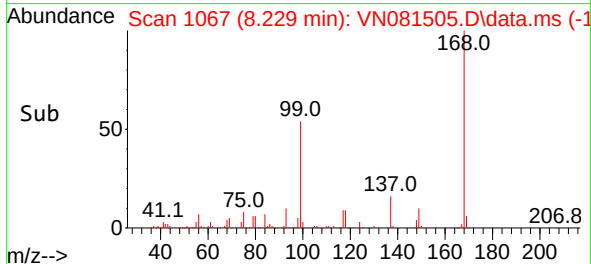
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL



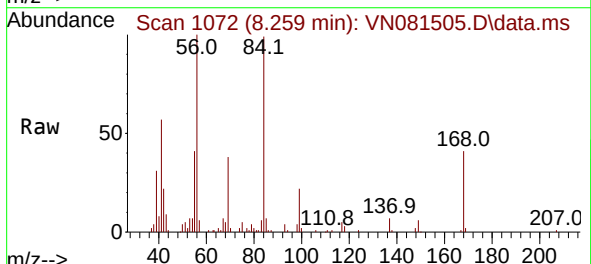
Tgt Ion:168 Resp: 525602
Ion Ratio Lower Upper
168 100
99 54.4 59.9 89.9

Manual Integrations
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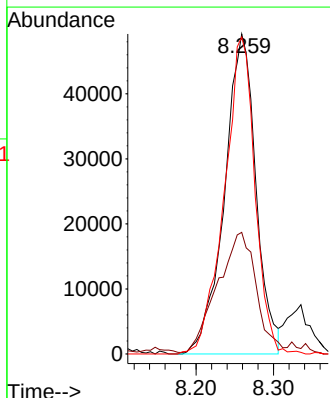
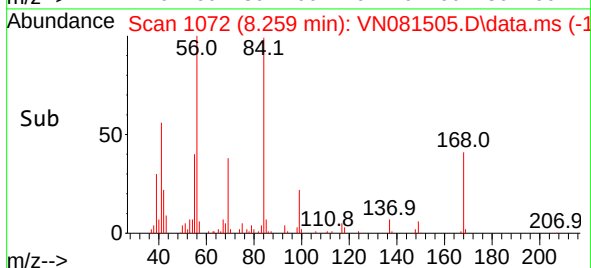
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

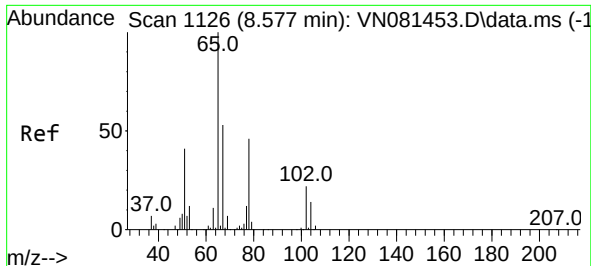


#31
Cyclohexane
Concen: 12.735 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45



Tgt Ion: 56 Resp: 138905
Ion Ratio Lower Upper
56 100
69 37.5 20.1 30.1#
84 99.1 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 45.578 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081505.D

Acq: 20 Mar 2024 19:45

Instrument :

MSVOA_N

ClientSampleId :

MW-3DL

Tgt Ion: 65 Resp: 305500

Ion Ratio Lower Upper

65 100

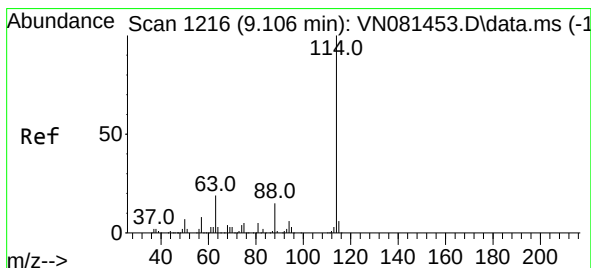
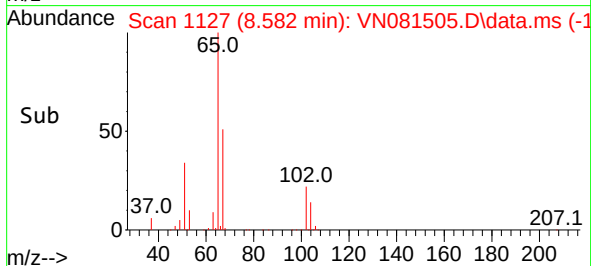
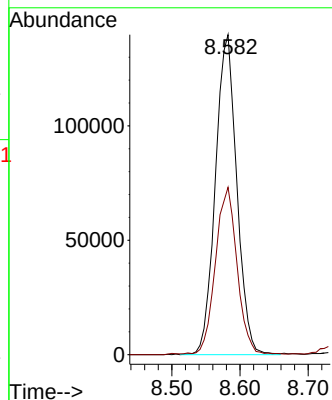
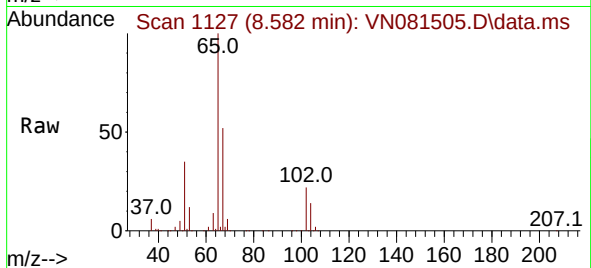
67 52.4 0.0 102.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN081505.D

Acq: 20 Mar 2024 19:45

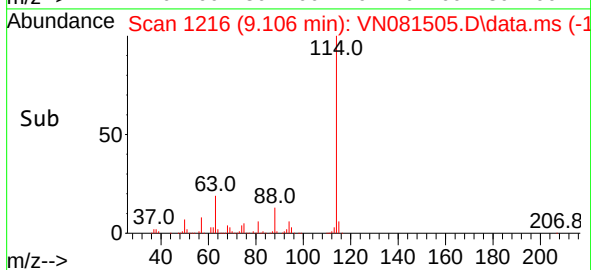
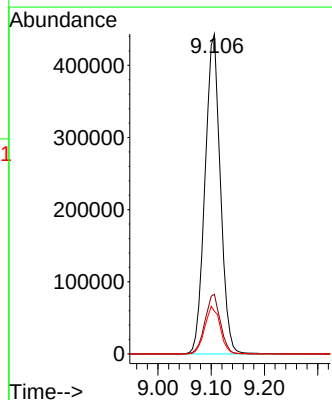
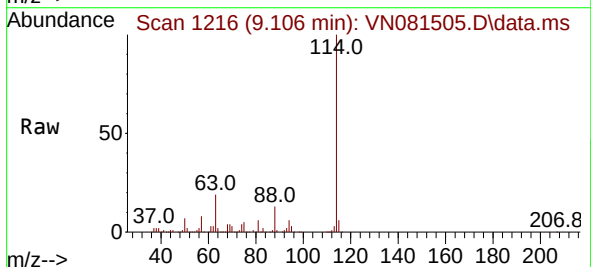
Tgt Ion:114 Resp: 886310

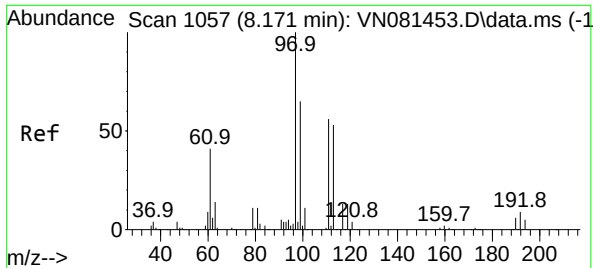
Ion Ratio Lower Upper

114 100

63 18.6 0.0 48.0

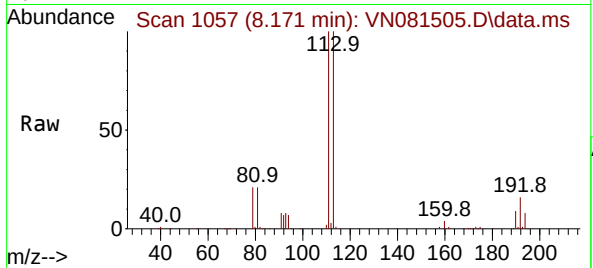
88 13.3 0.0 34.8





#35
Dibromofluoromethane
Concen: 47.516 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

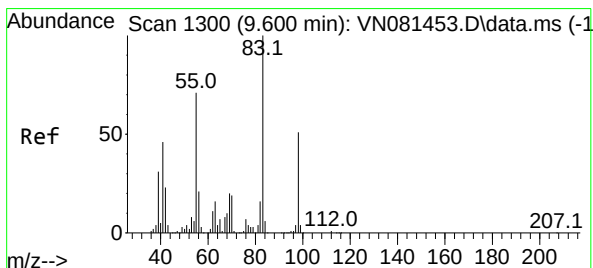
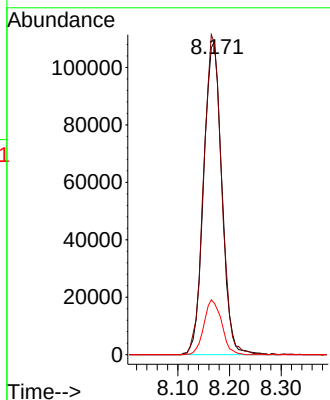
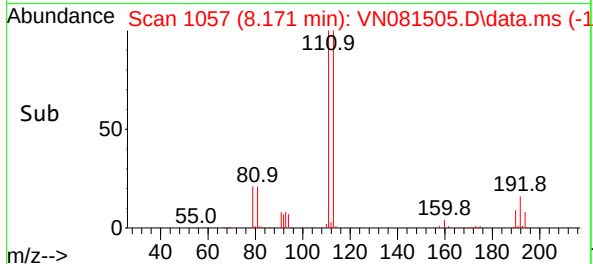
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL



Tgt Ion: 113 Resp: 265784
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 17.1 12.5 18.7

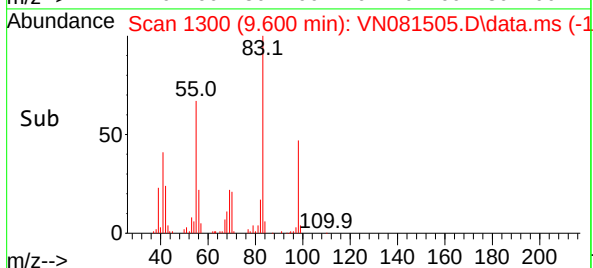
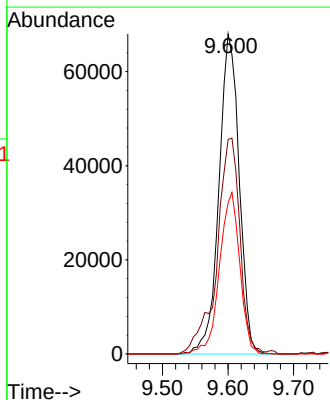
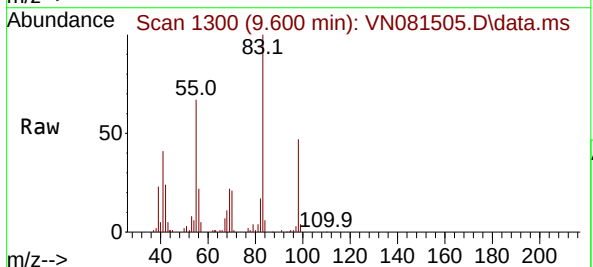
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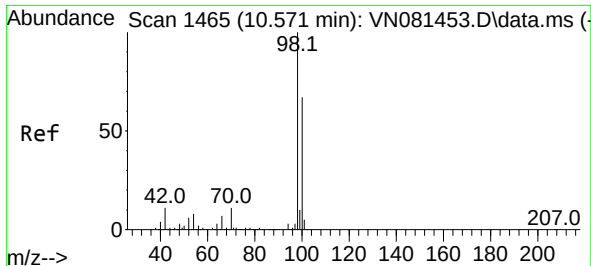
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#39
Methylcyclohexane
Concen: 13.844 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

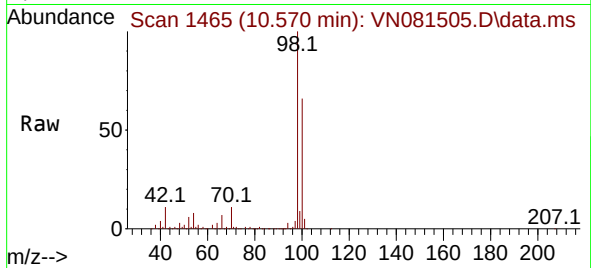
Tgt Ion: 83 Resp: 145526
Ion Ratio Lower Upper
83 100
55 67.1 65.7 98.5
98 47.3 33.8 50.6





#50
Toluene-d8
Concen: 50.059 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

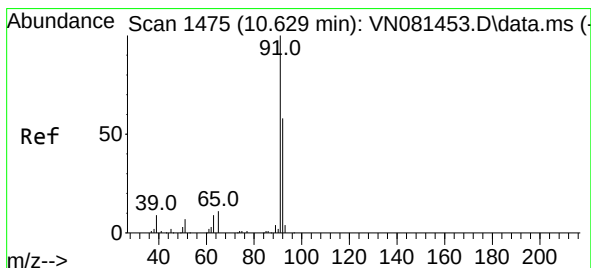
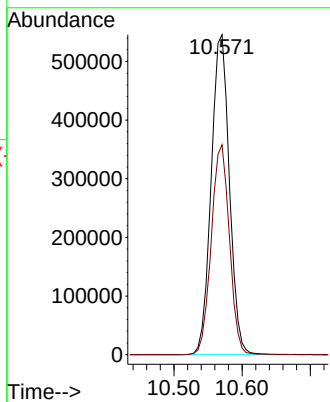
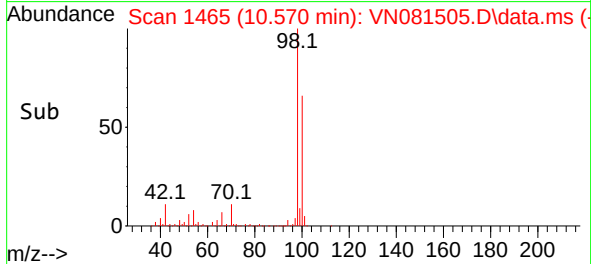
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL



Tgt Ion: 98 Resp: 1012189
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0

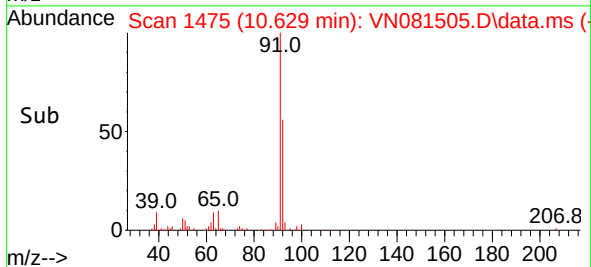
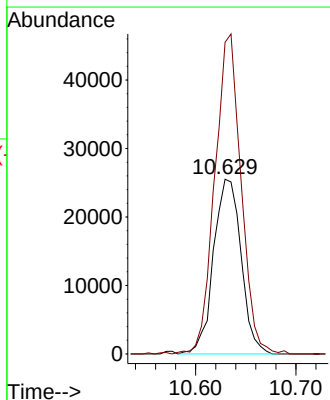
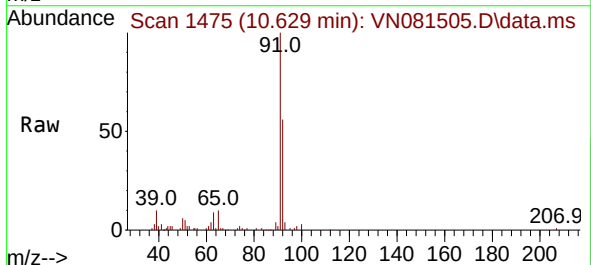
Manual Integrations
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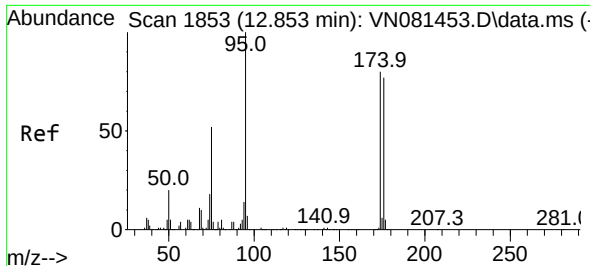
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#52
Toluene
Concen: 2.778 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

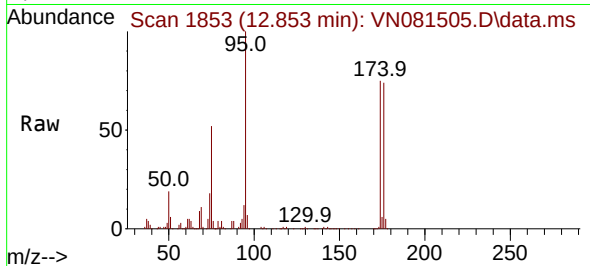
Tgt Ion: 92 Resp: 48593
Ion Ratio Lower Upper
92 100
91 174.9 139.4 209.0





#62
4-Bromofluorobenzene
Concen: 48.826 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

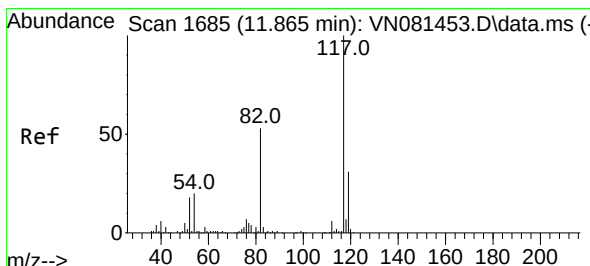
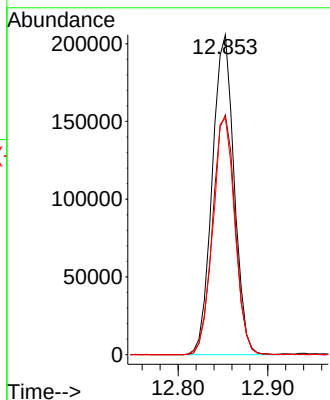
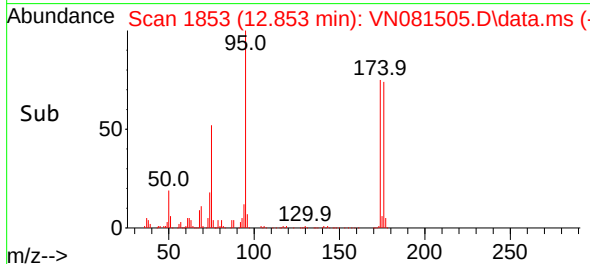
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL



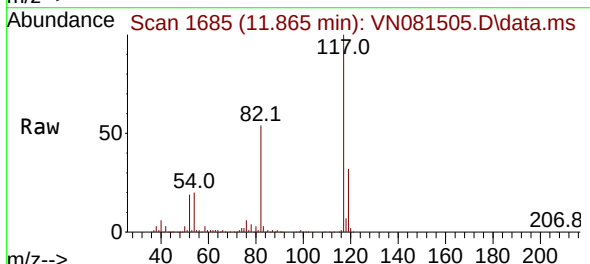
Tgt Ion: 95 Resp: 347868
Ion Ratio Lower Upper
95 100
174 77.1 0.0 120.4
176 75.0 0.0 121.0

Manual Integrations
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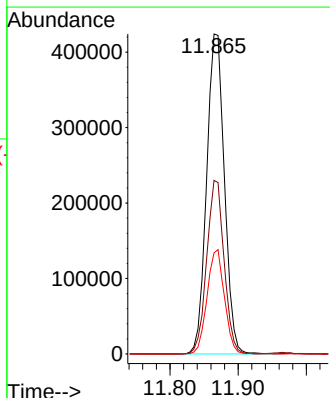
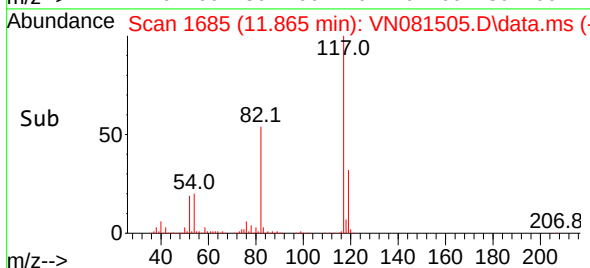
Reviewed By :John Carlone 03/21/2024
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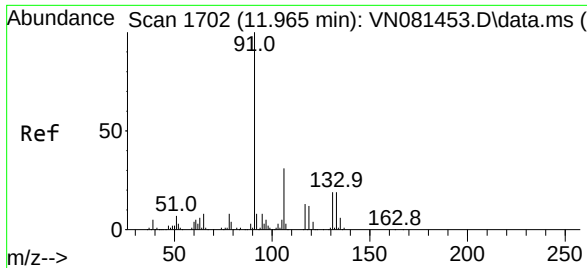


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45



Tgt Ion:117 Resp: 769663
Ion Ratio Lower Upper
117 100
82 54.2 52.7 79.1
119 31.6 25.3 37.9





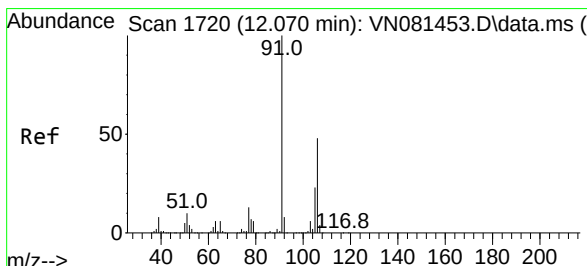
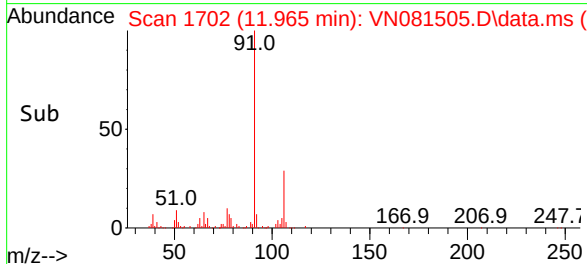
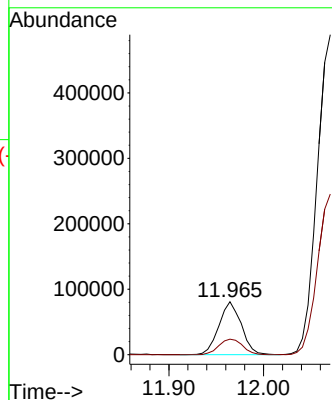
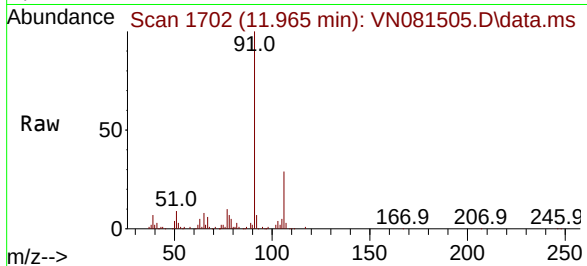
#67
Ethyl Benzene
Concen: 4.207 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :
MW-3DL

Tgt Ion: 91 Resp: 132960
Ion Ratio Lower Upper
91 100
106 29.3 23.8 35.6

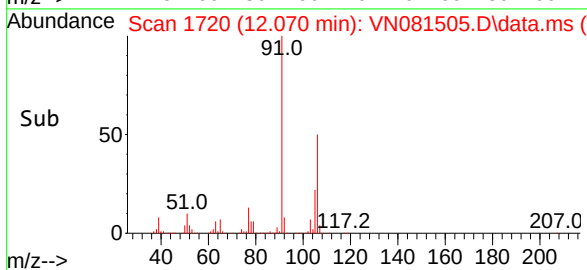
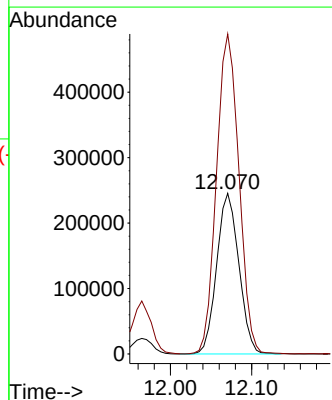
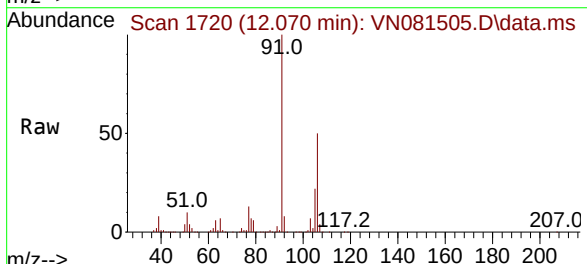
Manual Integrations
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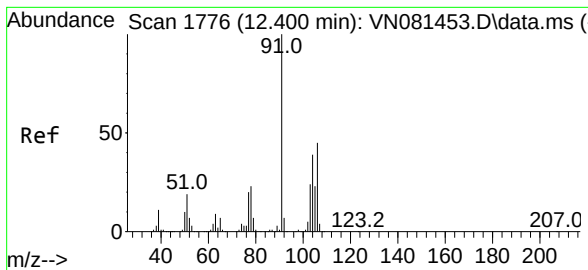
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#68
m/p-Xylenes
Concen: 39.334 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

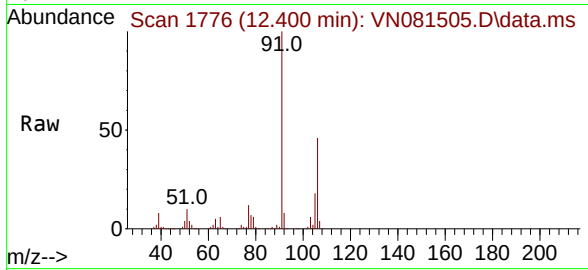
Tgt Ion:106 Resp: 466047
Ion Ratio Lower Upper
106 100
91 202.0 169.0 253.6





#69
o-Xylene
Concen: 19.453 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

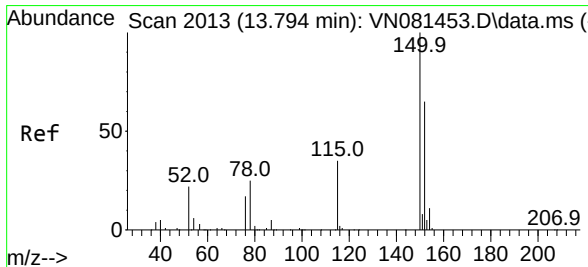
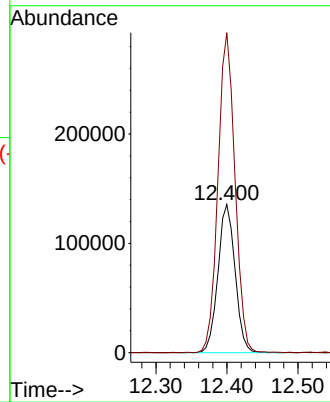
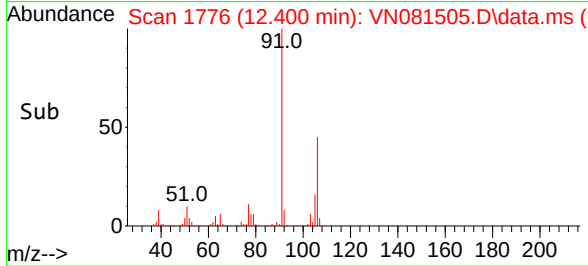
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MW-3DL



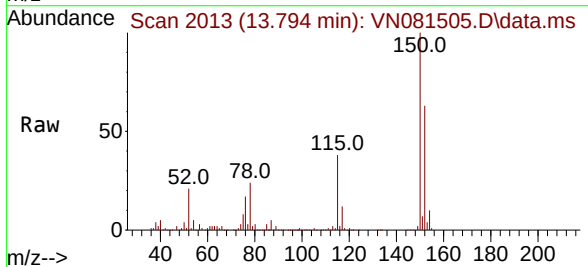
Tgt Ion:106 Resp: 226280
Ion Ratio Lower Upper
106 100
91 214.6 112.1 336.3

Manual Integrations
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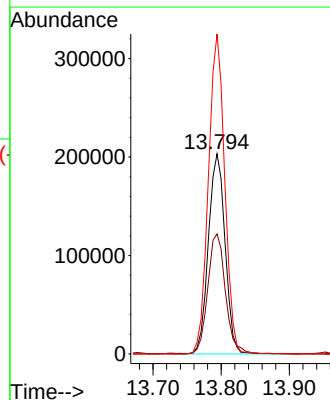
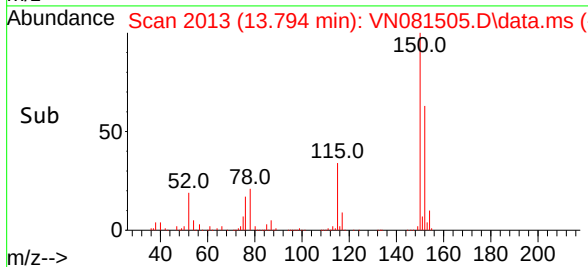
Reviewed By :John Carlone 03/21/2024
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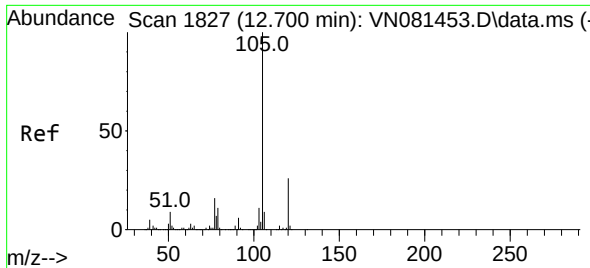


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45



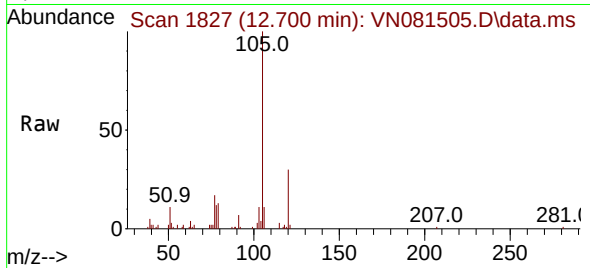
Tgt Ion:152 Resp: 346398
Ion Ratio Lower Upper
152 100
115 63.3 32.3 96.8
150 156.0 0.0 339.8





#73
Isopropylbenzene
Concen: 1.771 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45

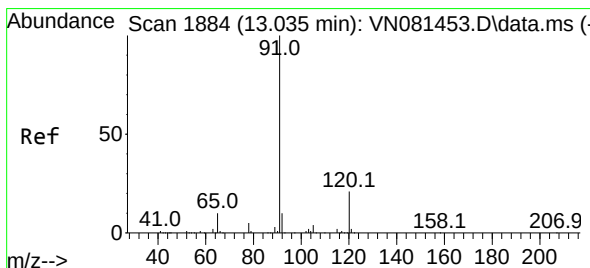
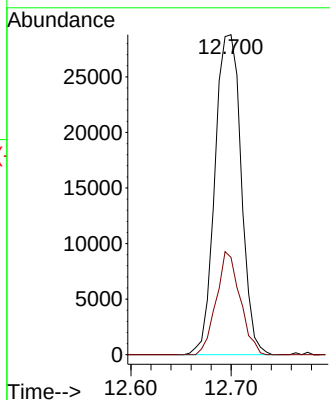
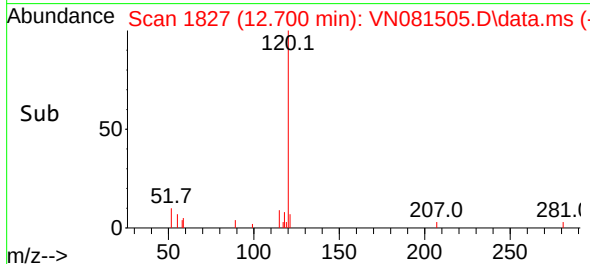
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL



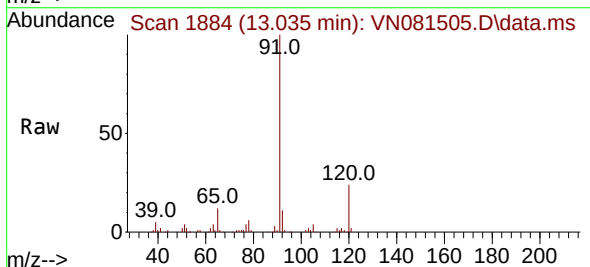
Tgt Ion:105 Resp: 52305
Ion Ratio Lower Upper
105 100
120 29.2 12.6 37.6

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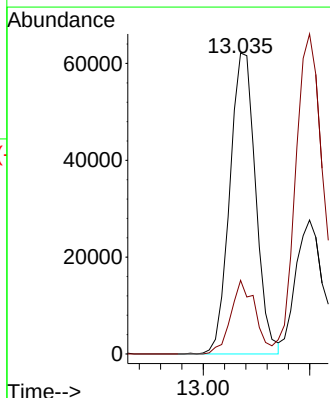
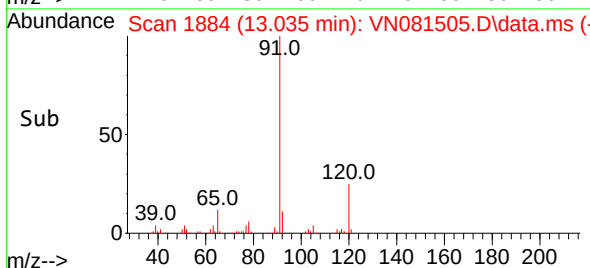
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

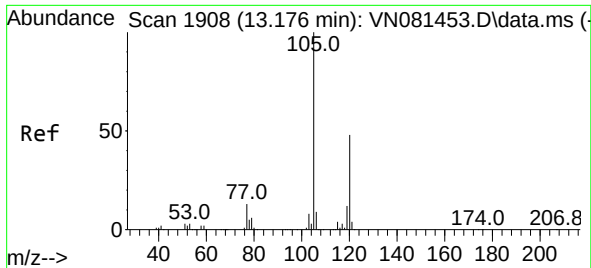


#78
n-propylbenzene
Concen: 3.010 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081505.D
Acq: 20 Mar 2024 19:45



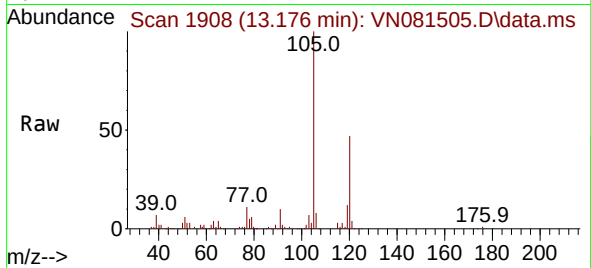
Tgt Ion: 91 Resp: 104963
Ion Ratio Lower Upper
91 100
120 23.2 10.3 30.9





#80
 1,3,5-Trimethylbenzene
 Concen: 6.061 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN081505.D
 Acq: 20 Mar 2024 19:45

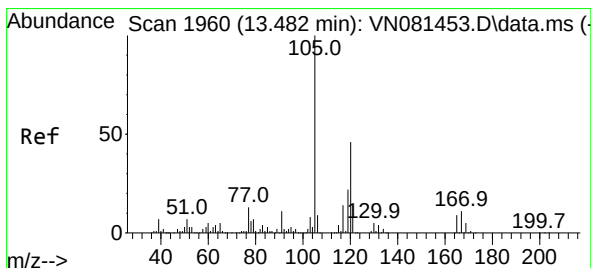
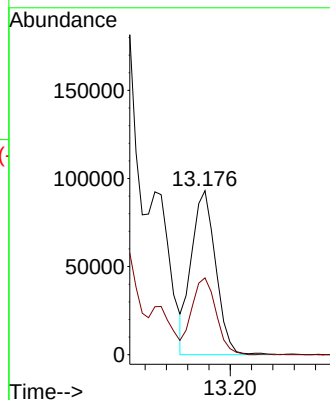
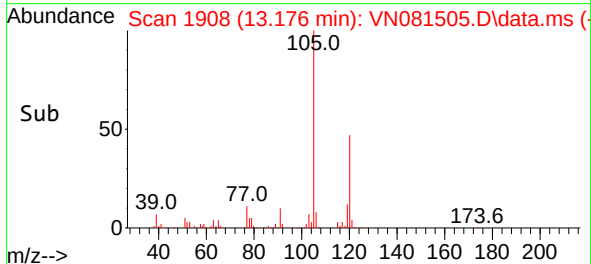
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3DL



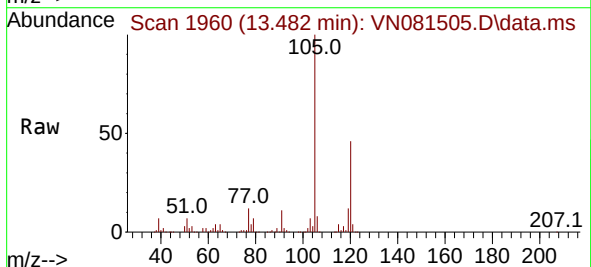
Tgt Ion:105 Resp: 147811
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.0 69.0

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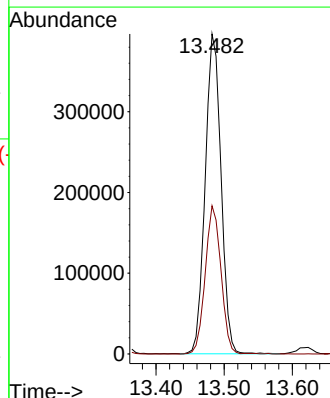
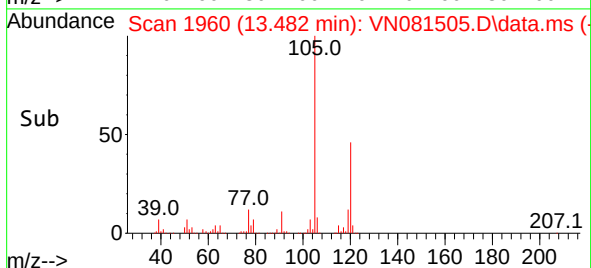
Reviewed By :John Carlone 03/21/2024
 Supervised By :Mahesh Dadoda 03/21/2024

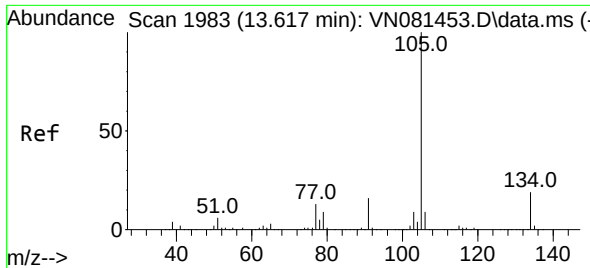


#84
 1,2,4-Trimethylbenzene
 Concen: 26.152 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN081505.D
 Acq: 20 Mar 2024 19:45



Tgt Ion:105 Resp: 641023
 Ion Ratio Lower Upper
 105 100
 120 46.0 20.9 62.7





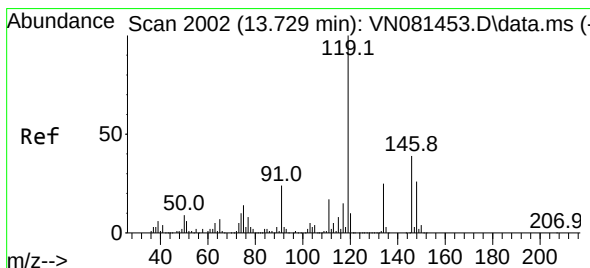
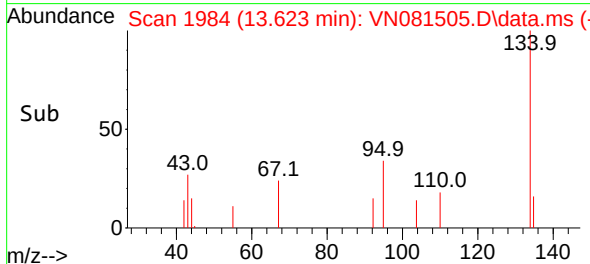
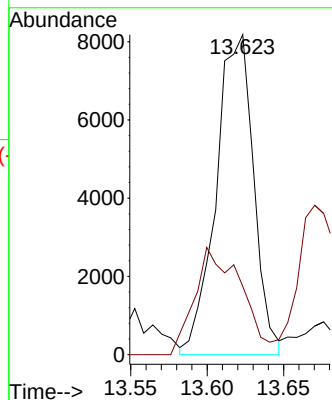
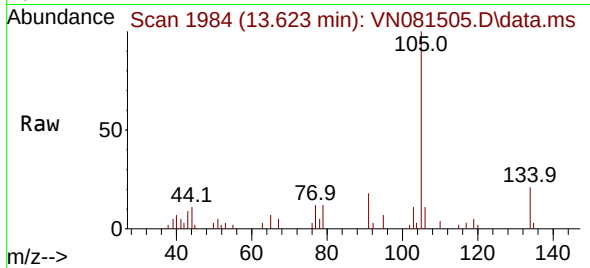
#85
 sec-Butylbenzene
 Concen: 0.464 ug/l m
 RT: 13.623 min Scan# 1983
 Delta R.T. 0.006 min
 Lab File: VN081505.D
 Acq: 20 Mar 2024 19:45

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3DL

Tgt Ion:105 Resp: 13954
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.6 25.8

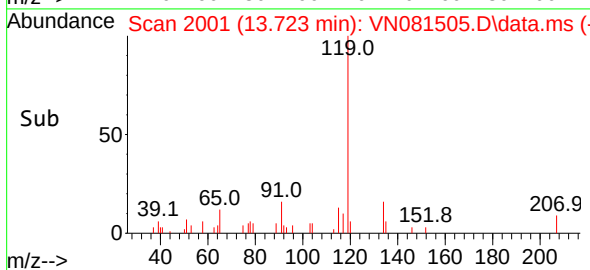
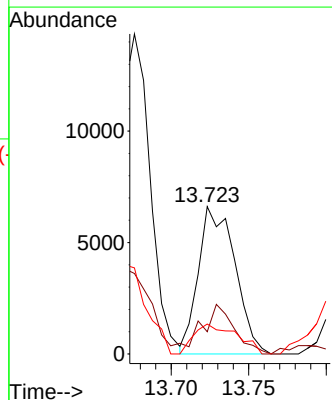
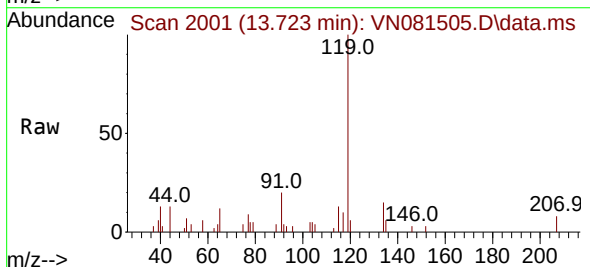
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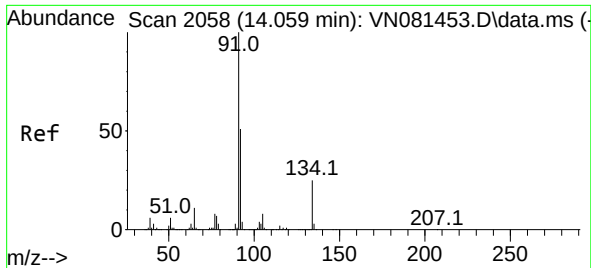
Reviewed By :John Carlone 03/21/2024
 Supervised By :Mahesh Dadoda 03/21/2024



#86
 p-Isopropyltoluene
 Concen: 0.442 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN081505.D
 Acq: 20 Mar 2024 19:45

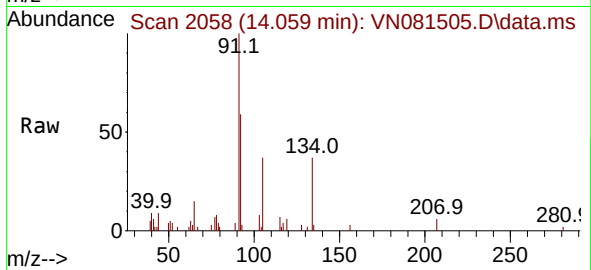
Tgt Ion:119 Resp: 10862
 Ion Ratio Lower Upper
 119 100
 134 30.6 12.4 37.2
 91 23.7 13.5 40.4





#89
 n-Butylbenzene
 Concen: 0.497 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. -0.000 min
 Lab File: VN081505.D
 Acq: 20 Mar 2024 19:45

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3DL



Tgt Ion: 91 Resp: 10830

Ion	Ratio	Lower	Upper
91	100		
92	72.9	26.7	80.1
134	0.0	10.8	32.4

Manual Integrations
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Reviewed By :John Carlone 03/21/2024
 Supervised By :Mahesh Dadoda 03/21/2024

