

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
 Data File : VN081118.D
 Acq On : 21 Feb 2024 14:22
 Operator : JC\MD
 Sample : P1546-06 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1329

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2024
 Supervised By : Semsettin Yesilyurt 02/22/2024

Quant Time: Feb 22 04:46:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	333850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	624497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	559961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	249526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	201955	49.353	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.700%		
35) Dibromofluoromethane	8.165	113	173057	49.006	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.020%		
50) Toluene-d8	10.565	98	589790	47.024	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.040%		
62) 4-Bromofluorobenzene	12.853	95	229779	48.756	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.520%		
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.600	83	5520	0.783	ug/l #	81
40) Benzene	8.606	78	67195	3.837	ug/l	97
52) Toluene	10.629	92	1892522	170.712	ug/l	98
67) Ethyl Benzene	11.965	91	1346519	62.091	ug/l	99
68) m/p-Xylenes	12.071	106	1892851	227.715	ug/l	96
69) o-Xylene	12.400	106	877897	106.545	ug/l	96
73) Isopropylbenzene	12.694	105	74325	3.404	ug/l	99
78) n-propylbenzene	13.035	91	281422	11.198	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	408391	23.071	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	1533369	86.931	ug/l	94
85) sec-Butylbenzene	13.617	105	19861m	0.933	ug/l	
86) p-Isopropyltoluene	13.729	119	9730m	0.551	ug/l	
89) n-Butylbenzene	14.053	91	26910	1.748	ug/l #	81
95) Naphthalene	15.641	128	291026	16.047	ug/l	99

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

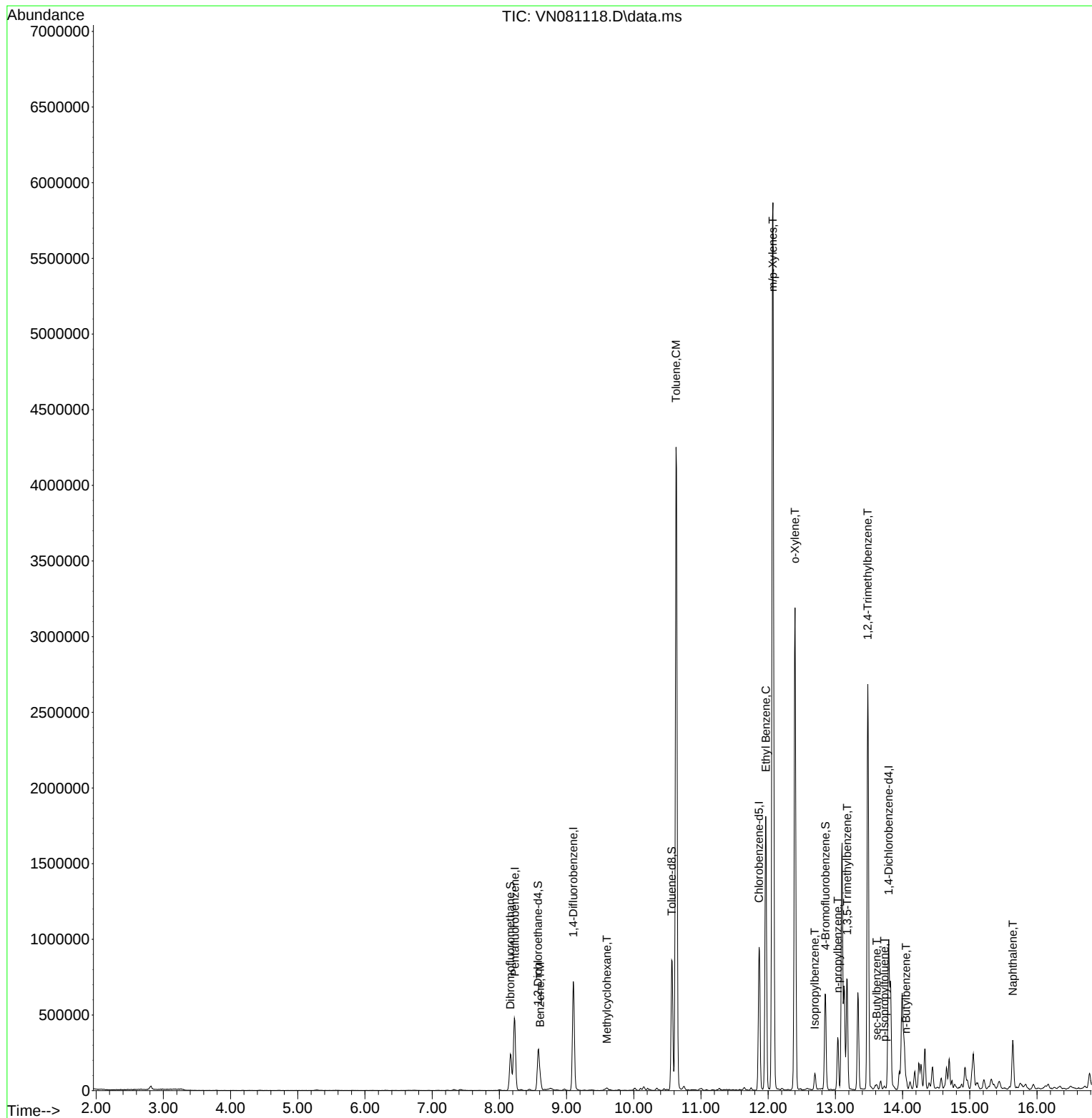
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
Data File : VN081118.D
Acq On : 21 Feb 2024 14:22
Operator : JC\MD
Sample : P1546-06 50X
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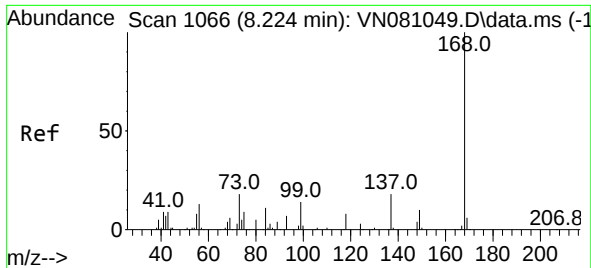
Instrument :
MSVOA_N
ClientSampleId :
1329

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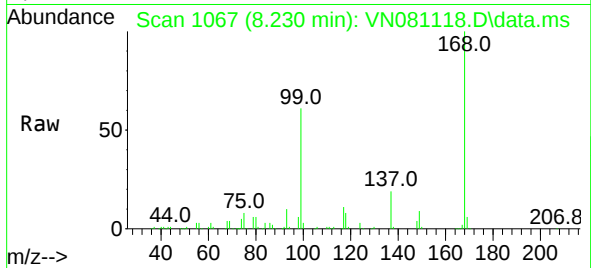
Quant Time: Feb 22 04:46:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081118.D
Acq: 21 Feb 2024 14:22

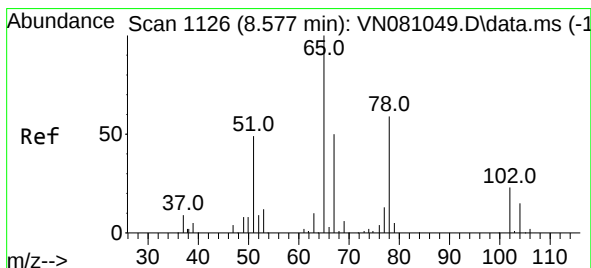
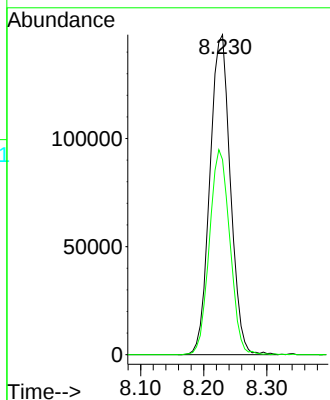
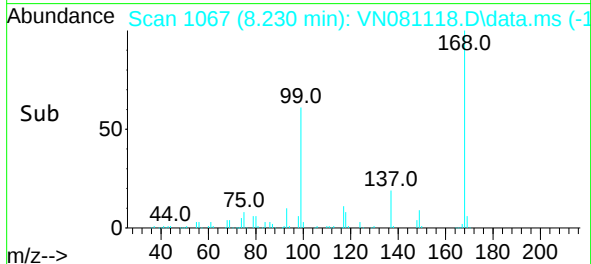
Instrument :
MSVOA_N
ClientSampleId :
1329



Tgt Ion:168 Resp: 333850
Ion Ratio Lower Upper
168 100
99 61.0 59.9 89.9

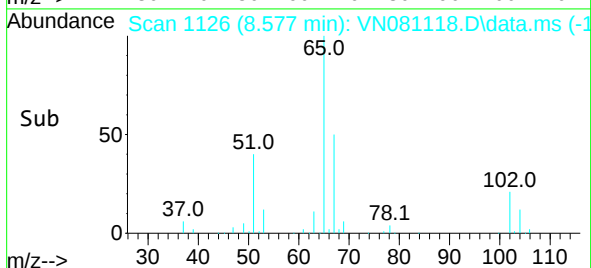
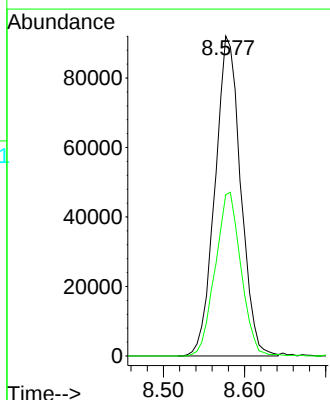
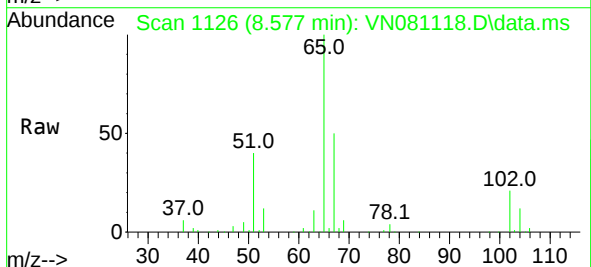
Manual Integrations
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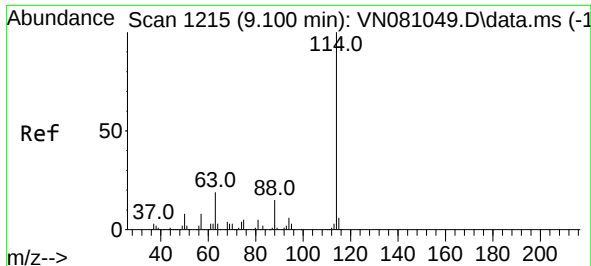
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#33
1,2-Dichloroethane-d4
Concen: 49.353 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081118.D
Acq: 21 Feb 2024 14:22

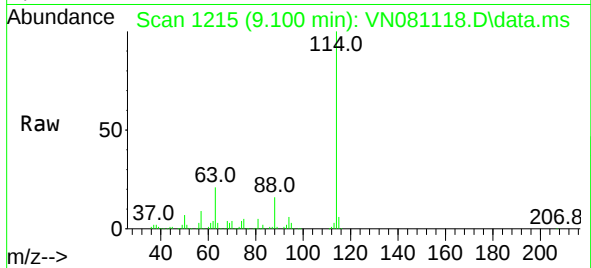
Tgt Ion: 65 Resp: 201955
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11329
Delta R.T. -0.000 min
Lab File: VN081118.D
Acq: 21 Feb 2024 14:22

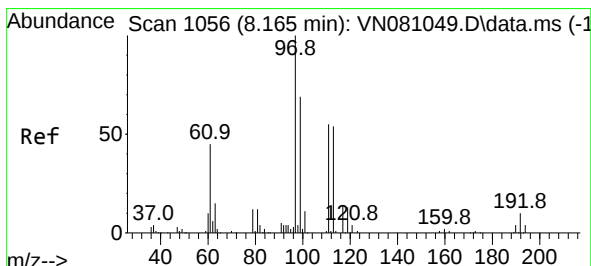
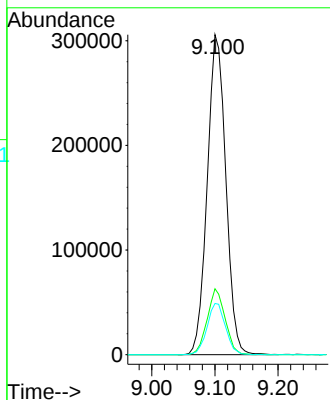
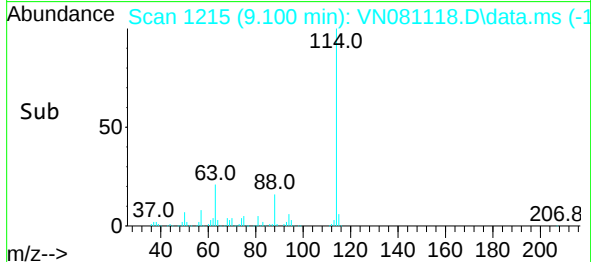
Instrument :
MSVOA_N
ClientSampleId :
1329



Tgt Ion:114 Resp: 62449
Ion Ratio Lower Upper
114 100
63 20.6 0.0 48.0
88 16.0 0.0 34.8

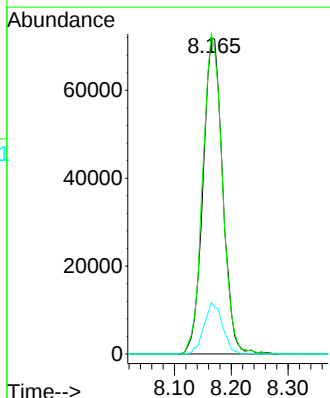
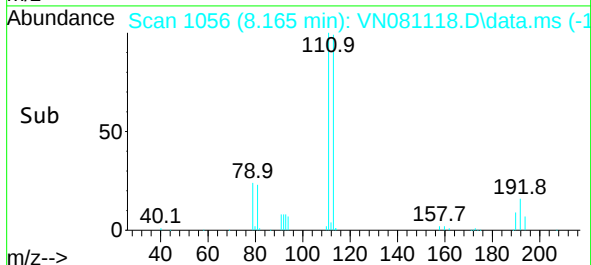
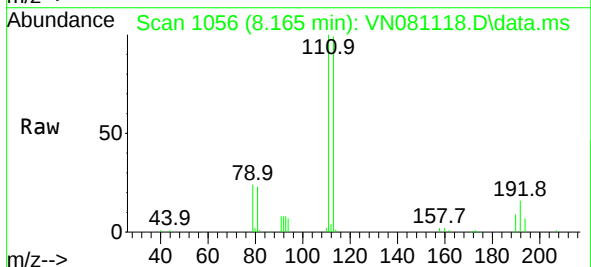
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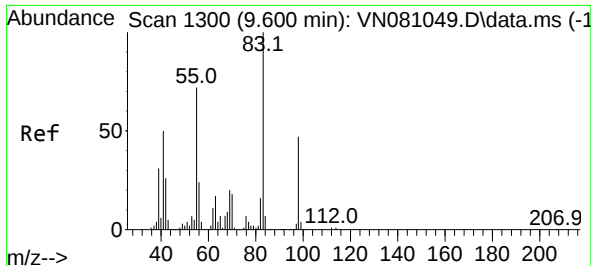
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#35
Dibromofluoromethane
Concen: 49.006 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081118.D
Acq: 21 Feb 2024 14:22

Tgt Ion:113 Resp: 173057
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 15.2 12.5 18.7





#39

Methylcyclohexane

Concen: 0.783 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081118.D

Acq: 21 Feb 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

1329

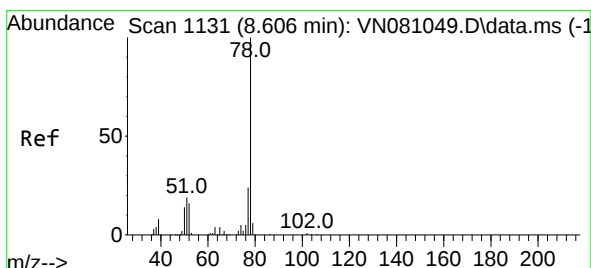
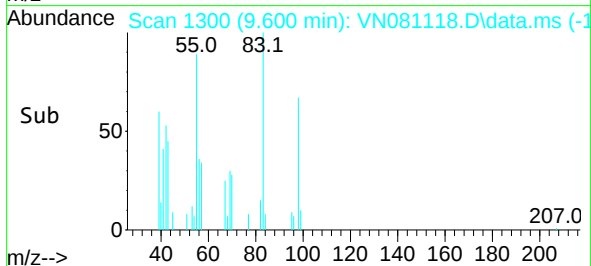
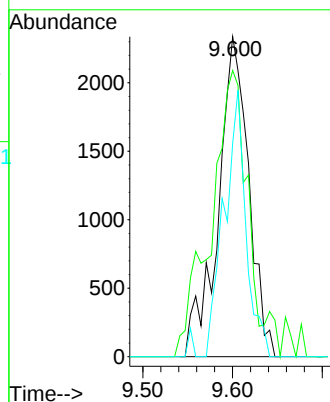
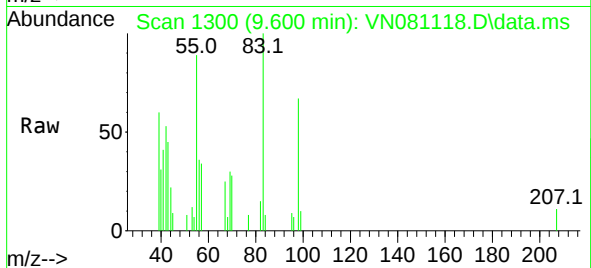
Tgt Ion: 83	Resp: 5520
Ion Ratio	Lower Upper
83 100	
55 89.4	65.7 98.5
98 66.7	33.8 50.6

Manual Integrations

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#40

Benzene

Concen: 3.837 ug/l

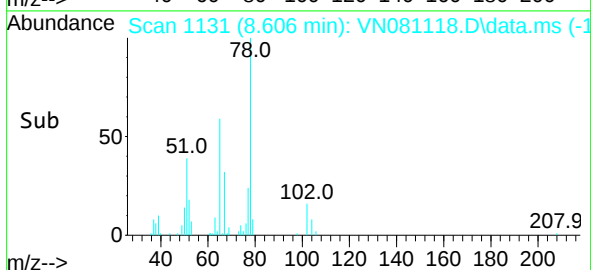
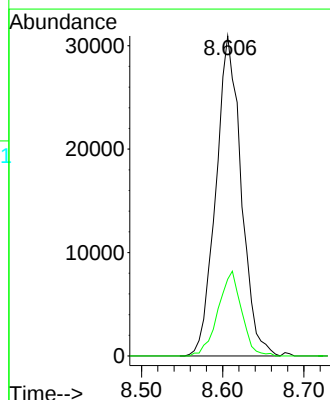
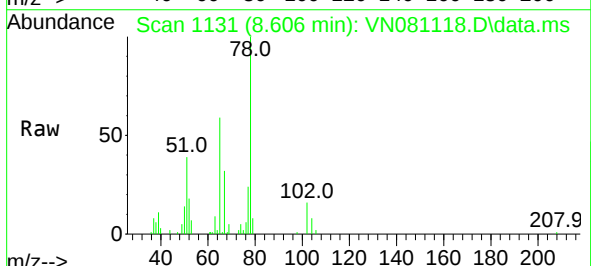
RT: 8.606 min Scan# 1131

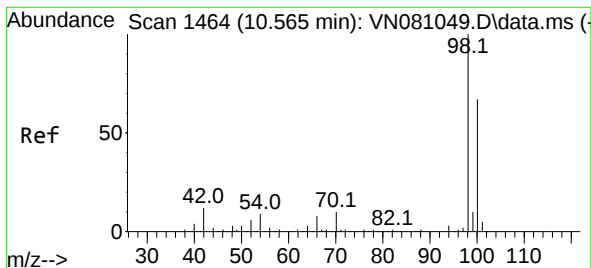
Delta R.T. -0.000 min

Lab File: VN081118.D

Acq: 21 Feb 2024 14:22

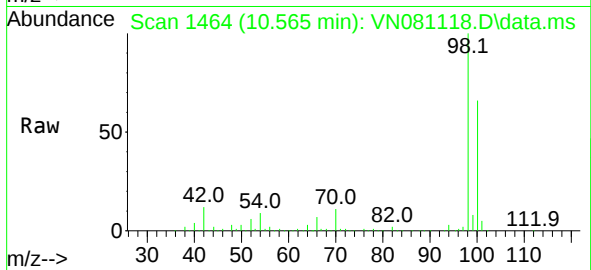
Tgt Ion: 78	Resp: 67195
Ion Ratio	Lower Upper
78 100	
77 24.0	20.4 30.6





#50
Toluene-d8
Concen: 47.024 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081118.D
Acq: 21 Feb 2024 14:22

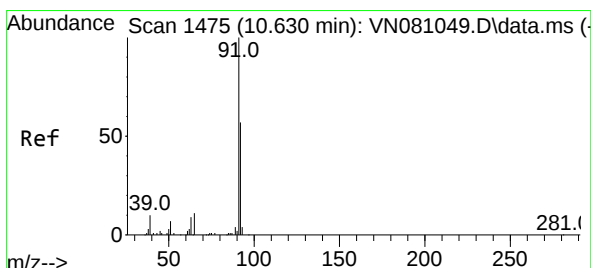
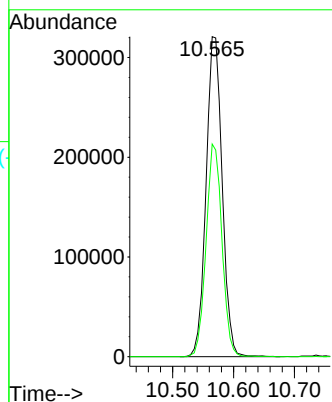
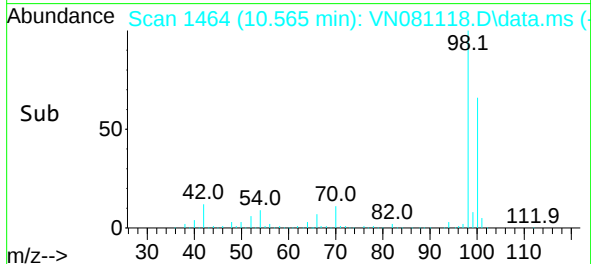
Instrument :
MSVOA_N
ClientSampleId :
1329



Tgt Ion: 98 Resp: 589790
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0

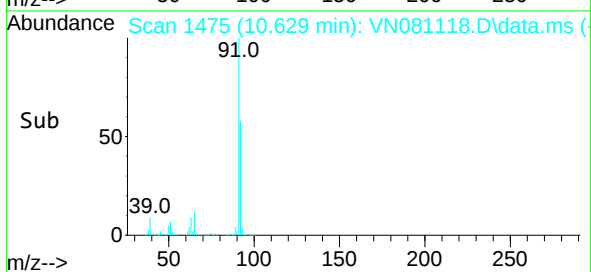
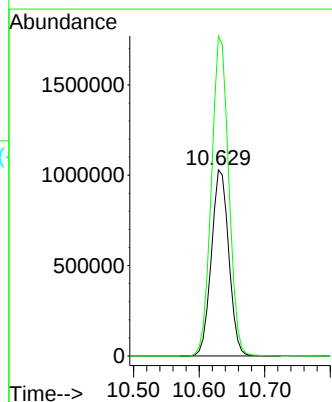
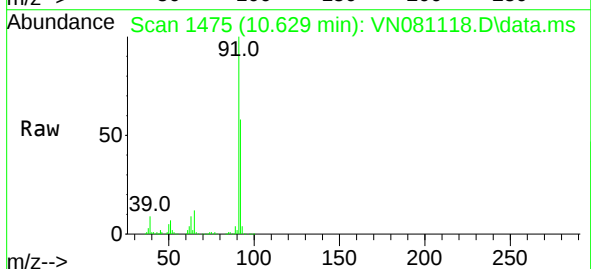
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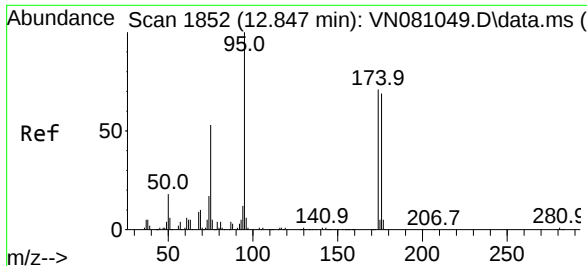
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#52
Toluene
Concen: 170.712 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081118.D
Acq: 21 Feb 2024 14:22

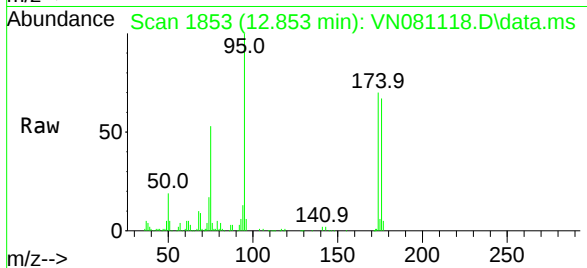
Tgt Ion: 92 Resp: 1892522
Ion Ratio Lower Upper
92 100
91 171.3 139.4 209.0





#62
4-Bromofluorobenzene
Concen: 48.756 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081118.D
Acq: 21 Feb 2024 14:22

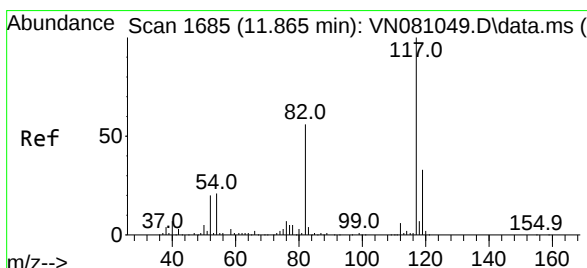
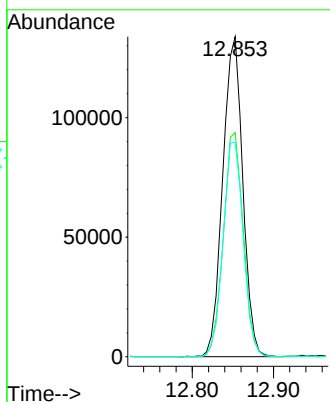
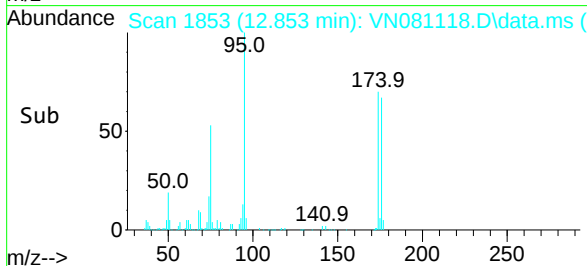
Instrument :
MSVOA_N
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1329



Tgt Ion: 95 Resp: 229779
Ion Ratio Lower Upper
95 100
174 69.4 0.0 120.4
176 67.4 0.0 121.0

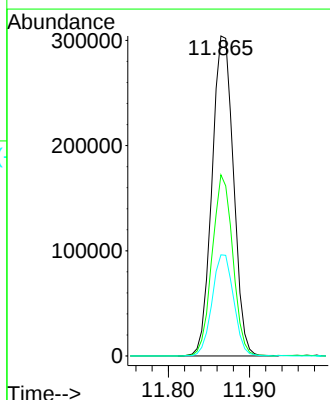
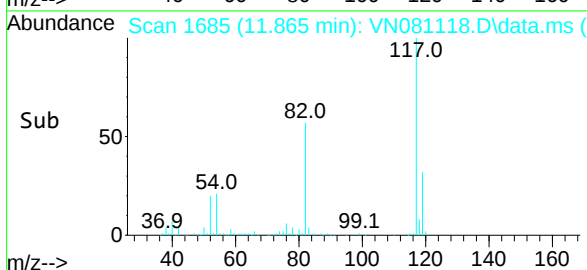
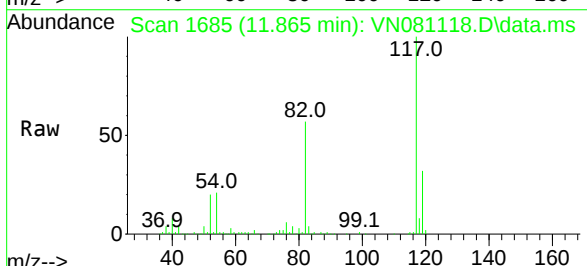
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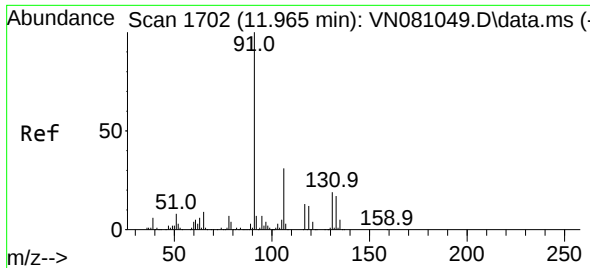
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081118.D
Acq: 21 Feb 2024 14:22

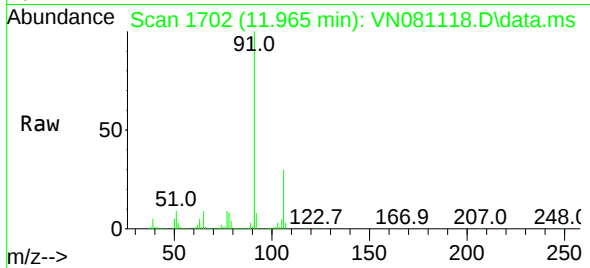
Tgt Ion:117 Resp: 559961
Ion Ratio Lower Upper
117 100
82 56.6 52.7 79.1
119 31.6 25.3 37.9





#67
Ethyl Benzene
Concen: 62.091 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081118.D
Acq: 21 Feb 2024 14:22

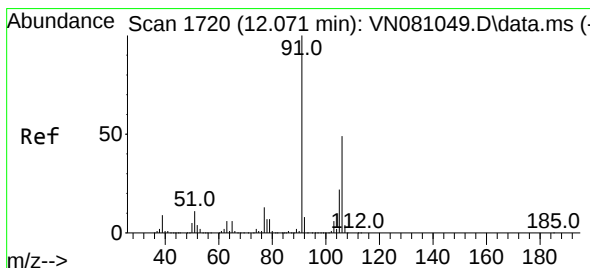
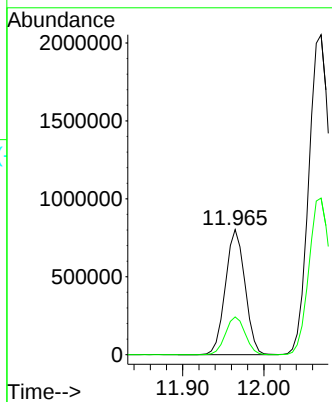
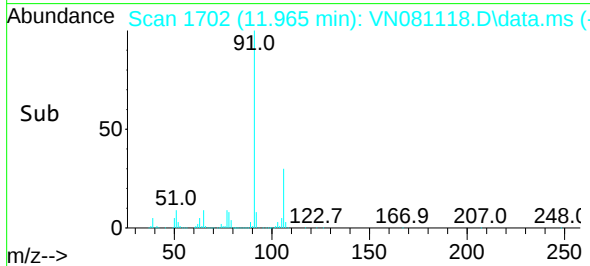
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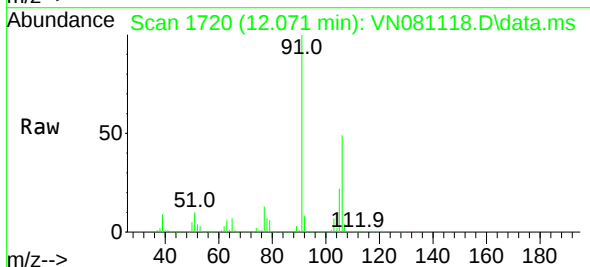
Tgt Ion: 91 Resp: 1346519
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.6

Manual Integrations
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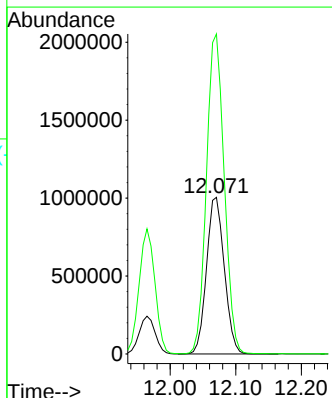
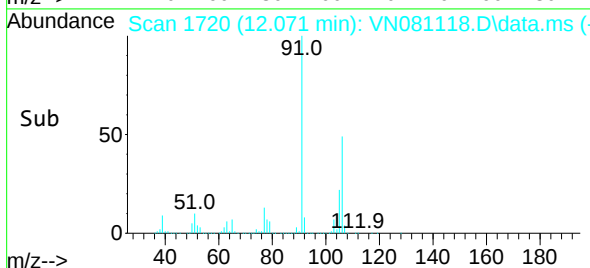
Reviewed By :John Carlone 02/22/2024
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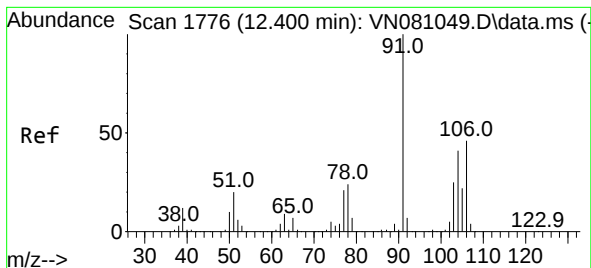


#68
m/p-Xylenes
Concen: 227.715 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081118.D
Acq: 21 Feb 2024 14:22



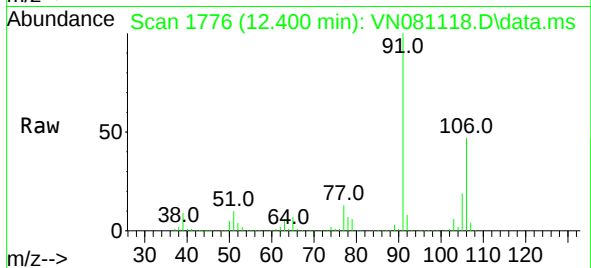
Tgt Ion:106 Resp: 1892851
Ion Ratio Lower Upper
106 100
91 204.3 169.0 253.6





#69
o-Xylene
Concen: 106.545 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081118.D
Acq: 21 Feb 2024 14:22

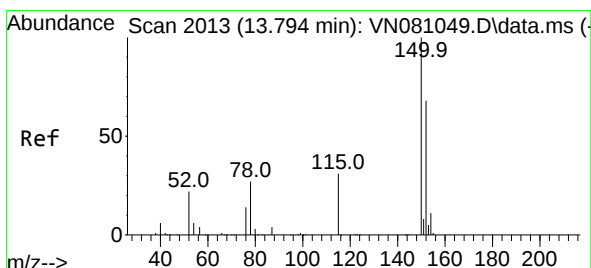
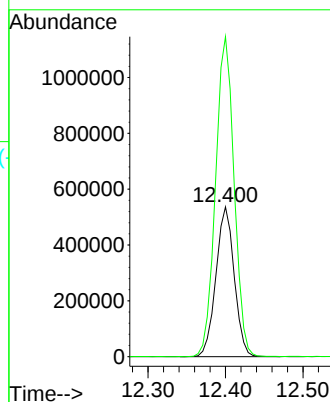
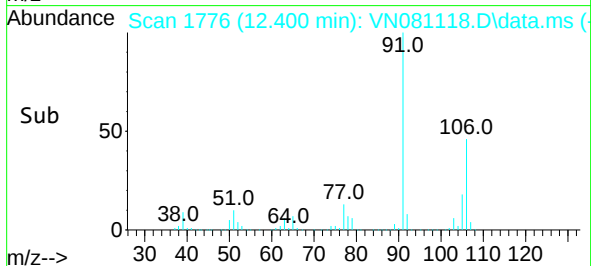
Instrument :
MSVOA_N
ClientSampleId :
1329



Tgt Ion:106 Resp: 87789
Ion Ratio Lower Upper
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91 217.2 112.1 336.3

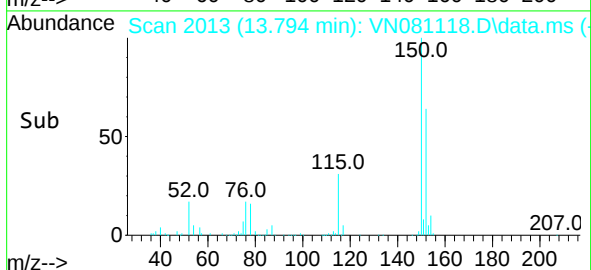
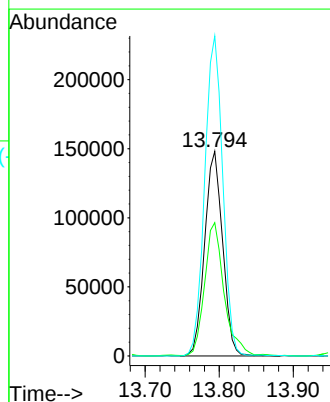
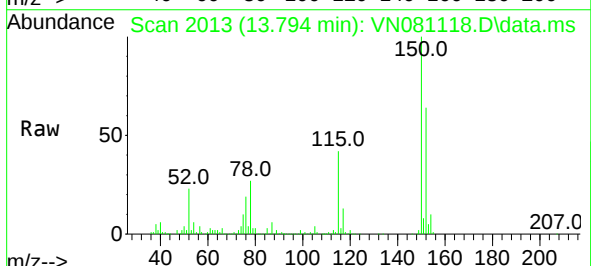
Manual Integrations
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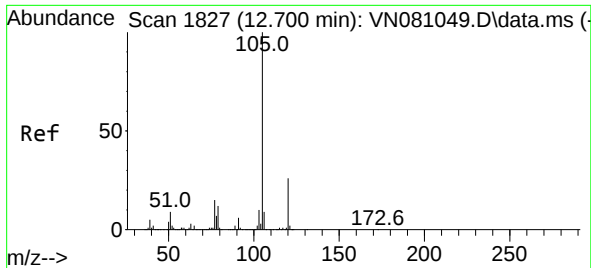
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081118.D
Acq: 21 Feb 2024 14:22

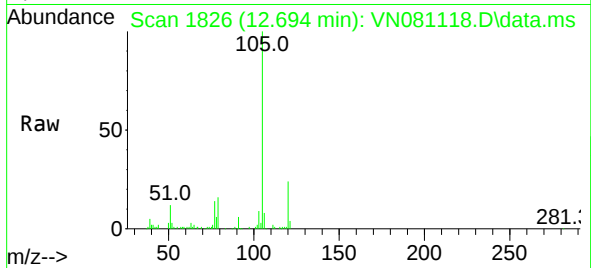
Tgt Ion:152 Resp: 249526
Ion Ratio Lower Upper
152 100
115 70.0 32.3 96.8
150 156.9 0.0 339.8





#73
Isopropylbenzene
Concen: 3.404 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081118.D
Acq: 21 Feb 2024 14:22

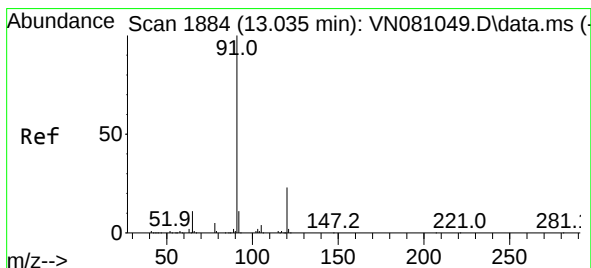
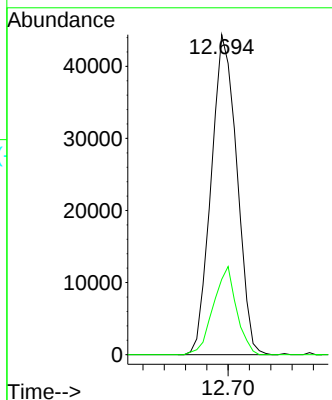
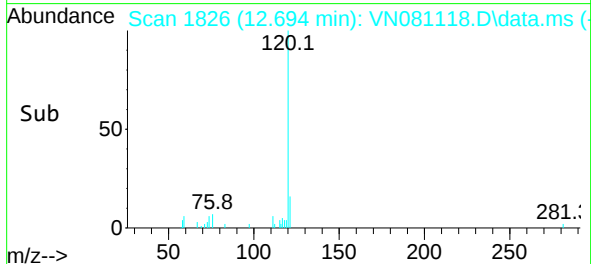
Instrument :
MSVOA_N
ClientSampleId :
1329



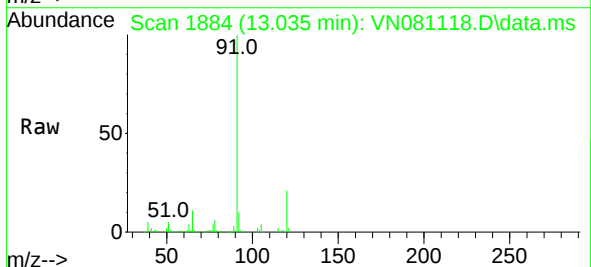
Tgt Ion:105 Resp: 74329
Ion Ratio Lower Upper
105 100
120 24.8 12.6 37.6

Manual Integrations
APPROVED

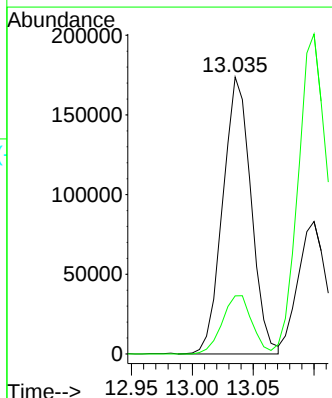
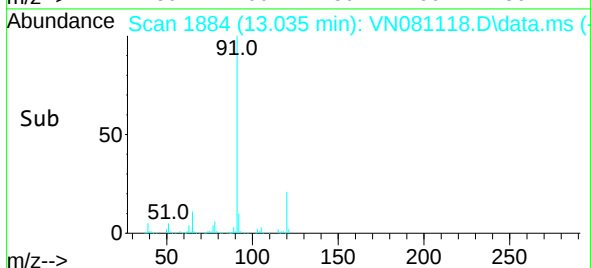
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

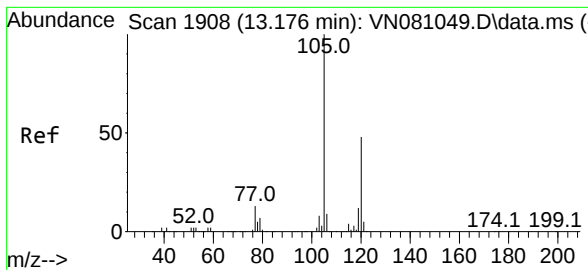


#78
n-propylbenzene
Concen: 11.198 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081118.D
Acq: 21 Feb 2024 14:22



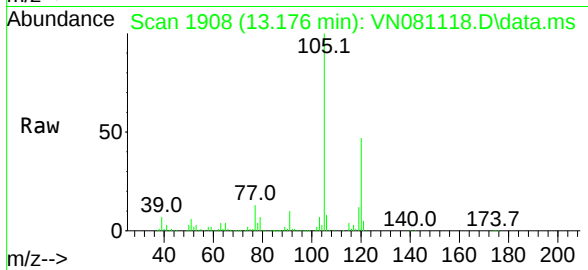
Tgt Ion: 91 Resp: 281422
Ion Ratio Lower Upper
91 100
120 22.1 10.3 30.9





#80
 1,3,5-Trimethylbenzene
 Concen: 23.071 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN081118.D
 Acq: 21 Feb 2024 14:22

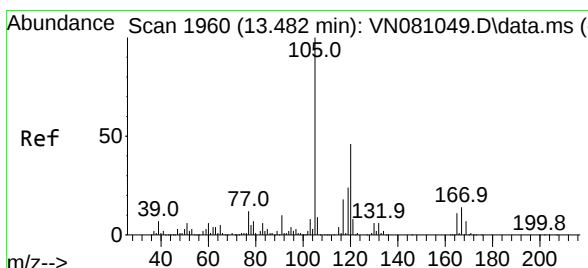
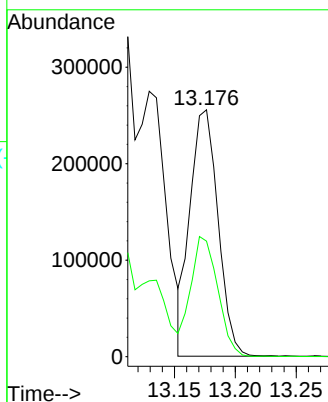
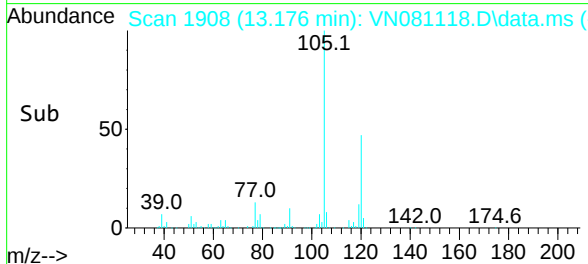
Instrument :
 MSVOA_N
 ClientSampleId :
 1329



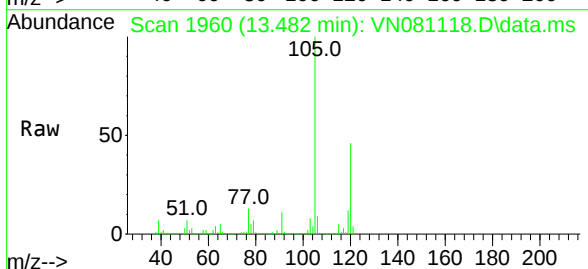
Tgt Ion:105 Resp: 40839
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.0 69.0

Manual Integrations
 APPROVED

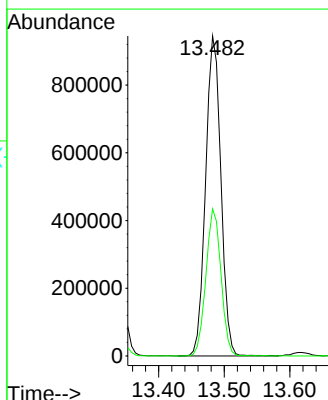
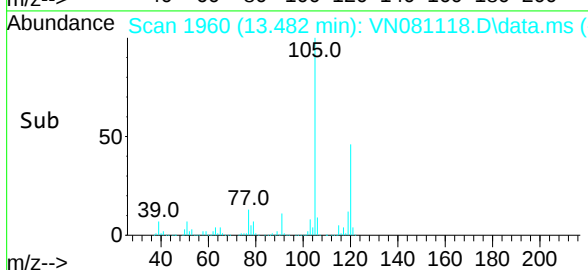
Reviewed By :John Carbone 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024

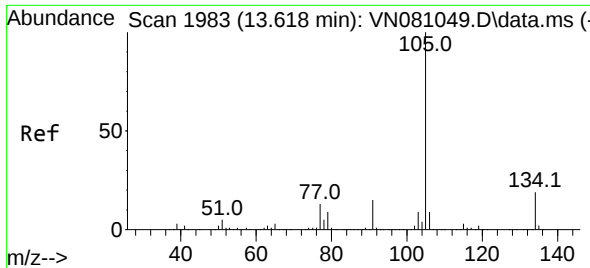


#84
 1,2,4-Trimethylbenzene
 Concen: 86.931 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN081118.D
 Acq: 21 Feb 2024 14:22



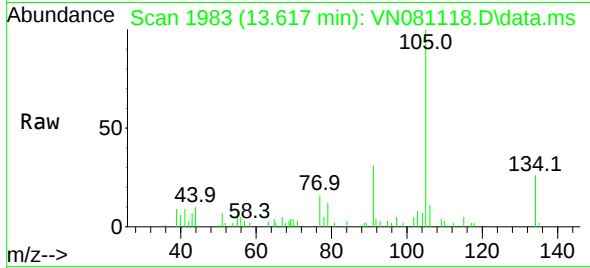
Tgt Ion:105 Resp: 1533369
 Ion Ratio Lower Upper
 105 100
 120 45.3 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 0.933 ug/l m
 RT: 13.617 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN081118.D
 Acq: 21 Feb 2024 14:22

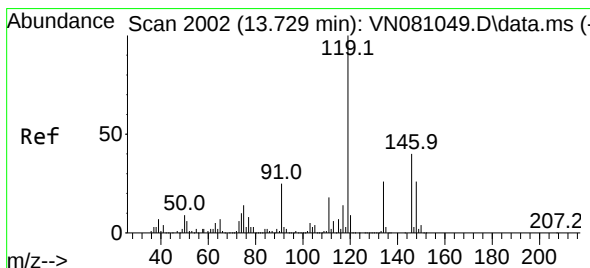
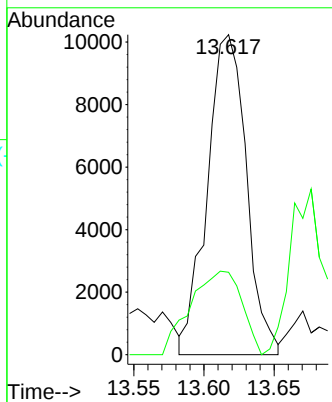
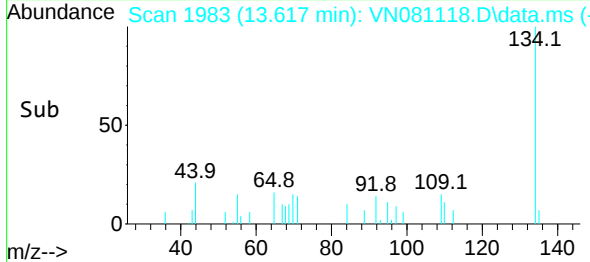
Instrument :
 MSVOA_N
 ClientSampleId :
 1329



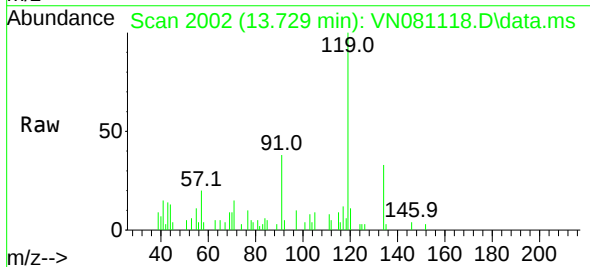
Tgt Ion:105 Resp: 1986
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.6 25.8

Manual Integrations
 APPROVED

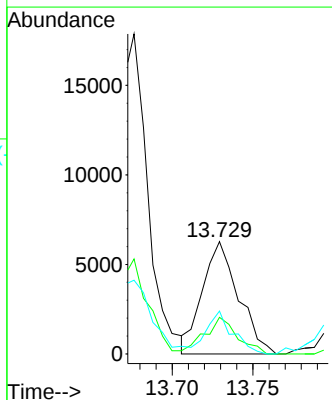
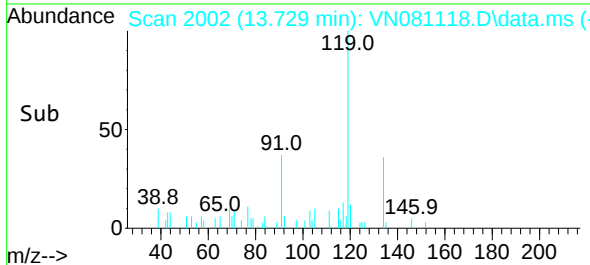
Reviewed By :John Carlone 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024

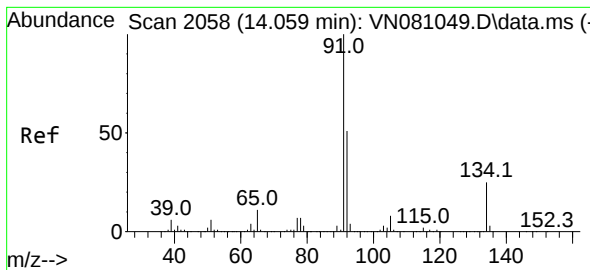


#86
 p-Isopropyltoluene
 Concen: 0.551 ug/l m
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081118.D
 Acq: 21 Feb 2024 14:22



Tgt Ion:119 Resp: 9730
 Ion Ratio Lower Upper
 119 100
 134 88.8 12.4 37.2#
 91 73.4 13.5 40.4#





#89

n-Butylbenzene

Concen: 1.748 ug/l

RT: 14.053 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VN081118.D

Acq: 21 Feb 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

1329

Tgt Ion: 91 Resp: 26910

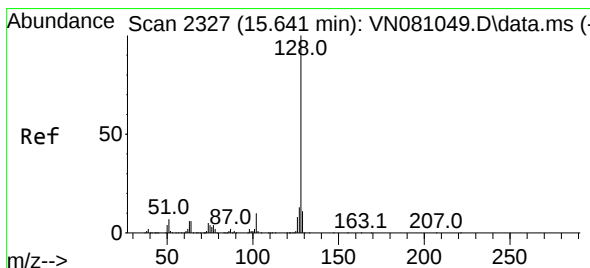
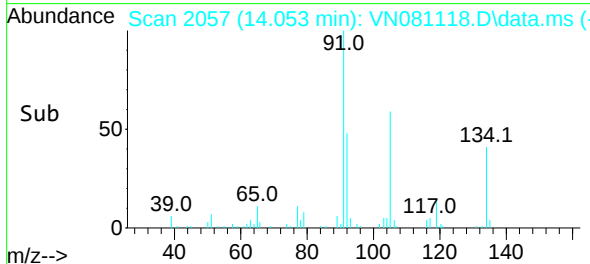
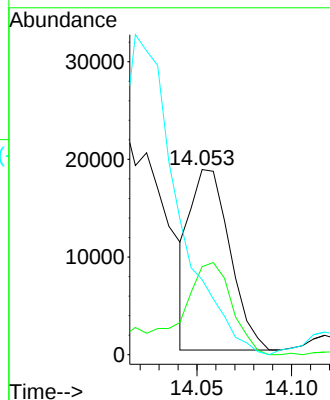
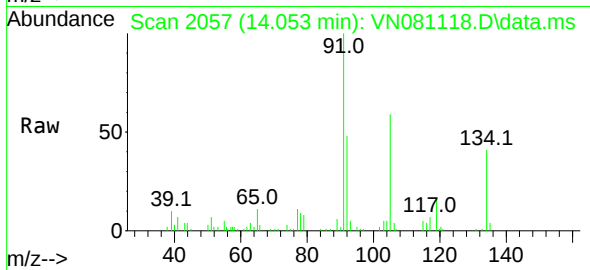
Ion	Ratio	Lower	Upper
91	100		
92	59.0	26.7	80.1
134	0.0	10.8	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#95

Naphthalene

Concen: 16.047 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081118.D

Acq: 21 Feb 2024 14:22

Tgt Ion:128 Resp: 291026

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.0	15.0
129	10.9	8.7	13.1

