

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
 Data File : VN081119.D
 Acq On : 21 Feb 2024 14:46
 Operator : JC\MD
 Sample : P1546-07 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1330

Manual Integrations
 APPROVED

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

Quant Time: Feb 22 04:47:27 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	8.224	168	347249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	648292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	571698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	257474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	201929	47.442	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.880%		
35) Dibromofluoromethane	8.165	113	172773	47.130	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.260%		
50) Toluene-d8	10.565	98	575921	44.233	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.460%		
62) 4-Bromofluorobenzene	12.853	95	226871	46.372	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.740%		
Target Compounds						
					Qvalue	
40) Benzene	8.600	78	82924	4.562	ug/l #	90
52) Toluene	10.629	92	1937775	168.378	ug/l	99
67) Ethyl Benzene	11.965	91	1177945	53.202	ug/l	97
68) m/p-Xylenes	12.070	106	1697138	199.978	ug/l	96
69) o-Xylene	12.400	106	803559	95.521	ug/l	96
73) Isopropylbenzene	12.694	105	57337	2.545	ug/l	98
78) n-propylbenzene	13.035	91	195619	7.543	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	297186	16.271	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	1176494	64.640	ug/l	94
85) sec-Butylbenzene	13.611	105	11681m	0.532	ug/l	
86) p-Isopropyltoluene	13.729	119	6668m	0.366	ug/l	
89) n-Butylbenzene	14.053	91	11127	0.700	ug/l #	66
95) Naphthalene	15.641	128	246629	13.179	ug/l	98

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

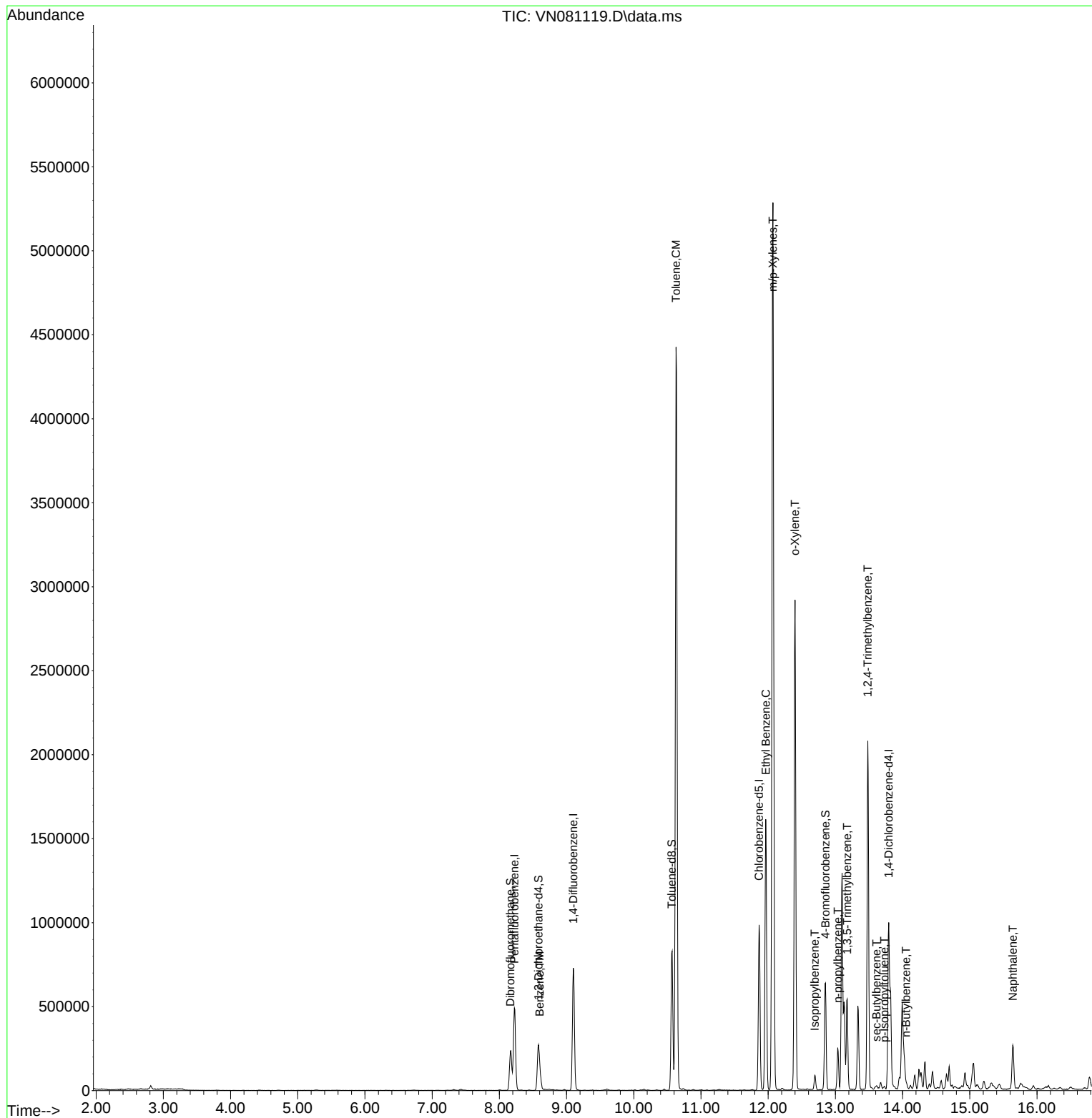
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
Data File : VN081119.D
Acq On : 21 Feb 2024 14:46
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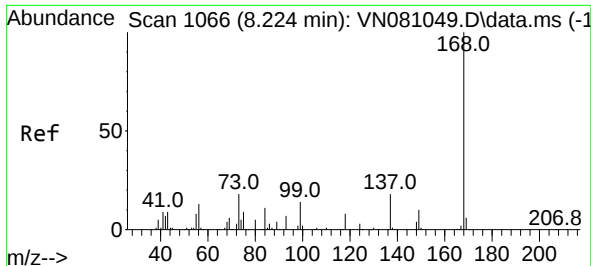
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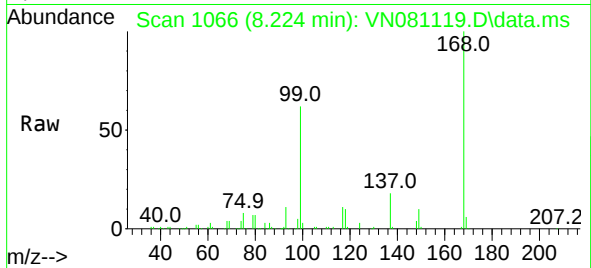
Quant Time: Feb 22 04:47:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081119.D
Acq: 21 Feb 2024 14:46

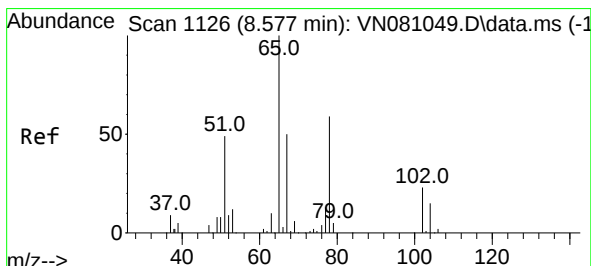
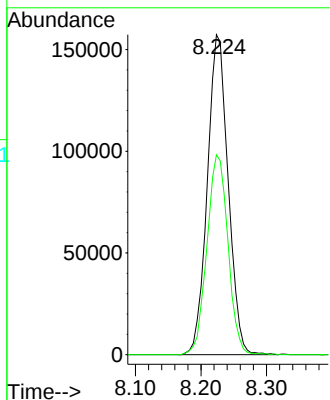
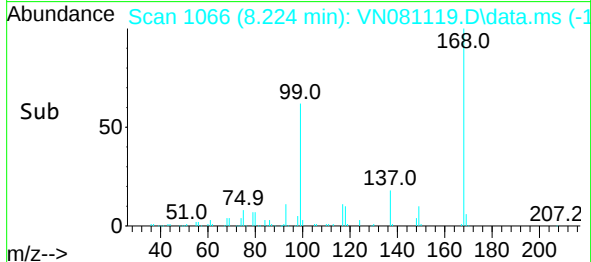
Instrument :
MSVOA_N
ClientSampleId :
1330



Tgt Ion:168 Resp: 347249
Ion Ratio Lower Upper
168 100
99 62.5 59.9 89.9

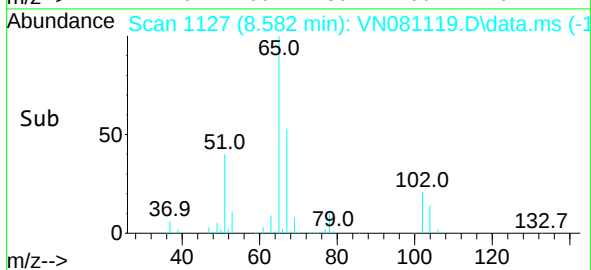
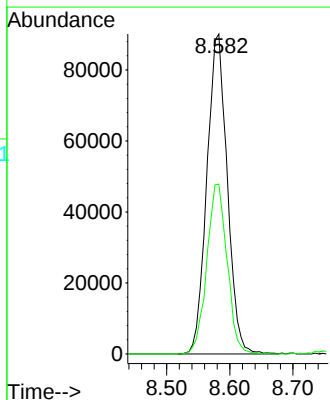
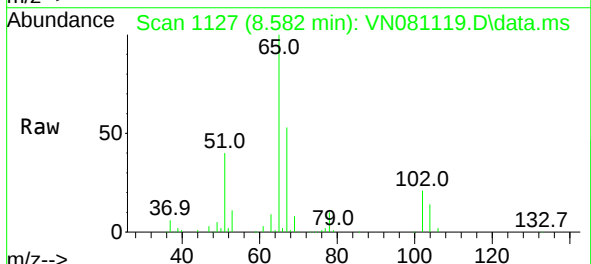
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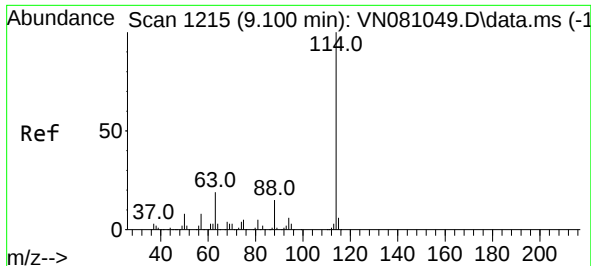
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#33
1,2-Dichloroethane-d4
Concen: 47.442 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081119.D
Acq: 21 Feb 2024 14:46

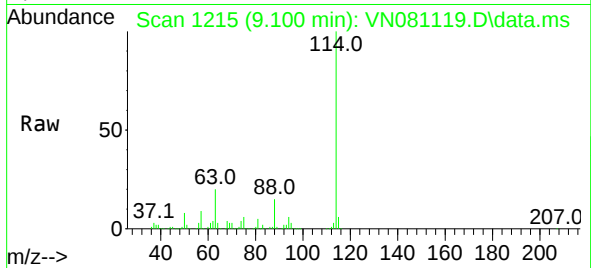
Tgt Ion: 65 Resp: 201929
Ion Ratio Lower Upper
65 100
67 52.9 0.0 102.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11330
Delta R.T. -0.000 min
Lab File: VN081119.D
Acq: 21 Feb 2024 14:46

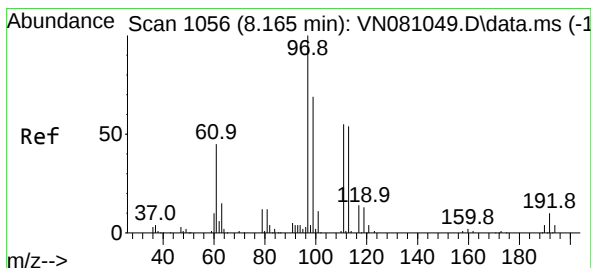
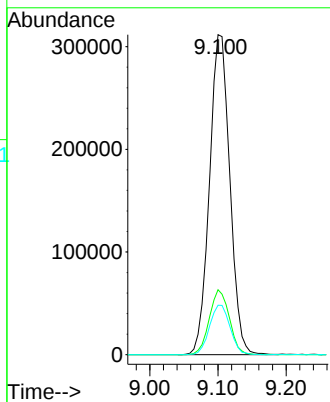
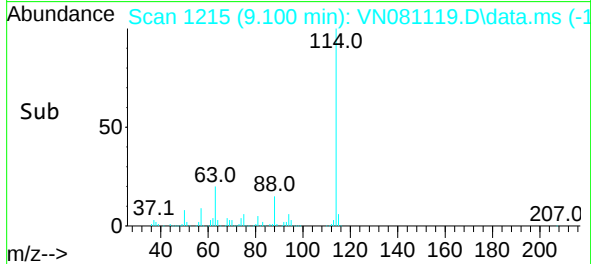
Instrument :
MSVOA_N
ClientSampleId :
1330



Tgt Ion:114 Resp: 648292
Ion Ratio Lower Upper
114 100
63 20.3 0.0 48.0
88 15.4 0.0 34.8

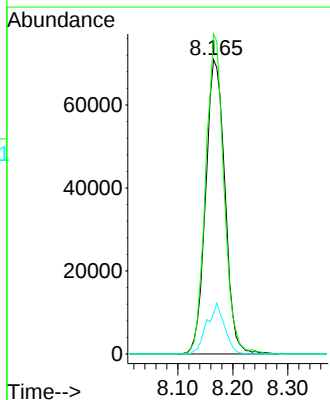
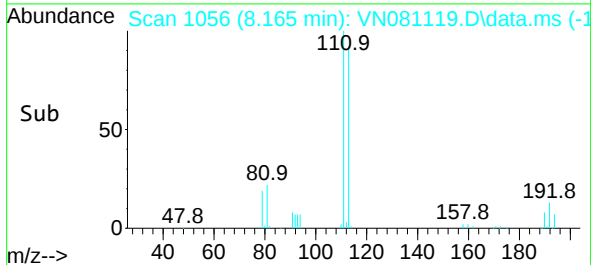
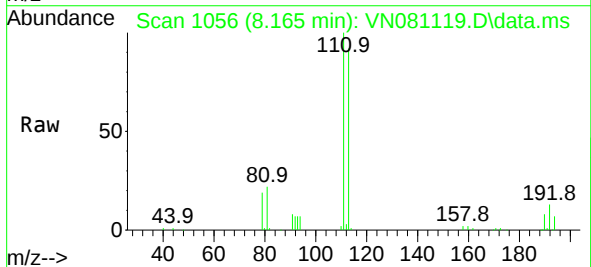
Manual Integrations
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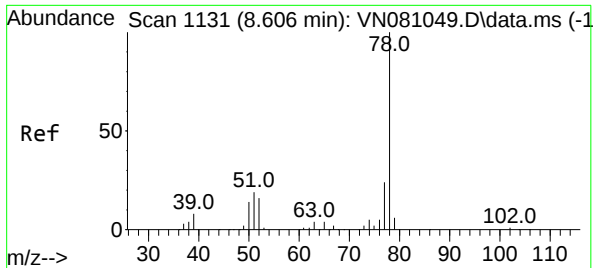
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#35
Dibromofluoromethane
Concen: 47.130 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081119.D
Acq: 21 Feb 2024 14:46

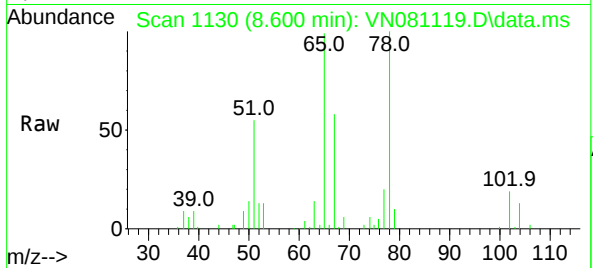
Tgt Ion:113 Resp: 172773
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 15.9 12.5 18.7





#40
Benzene
Concen: 4.562 ug/l
RT: 8.600 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN081119.D
Acq: 21 Feb 2024 14:46

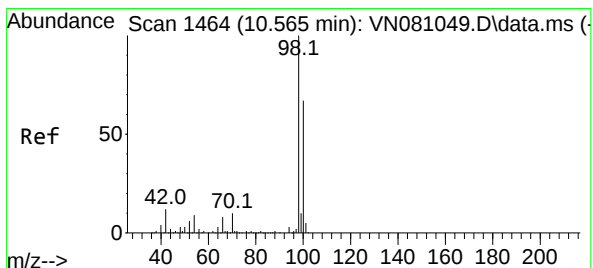
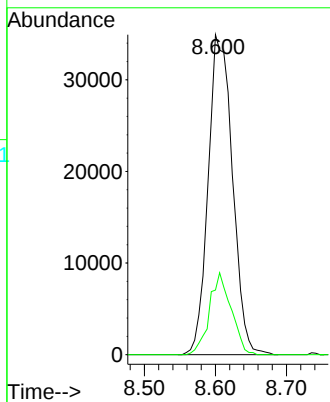
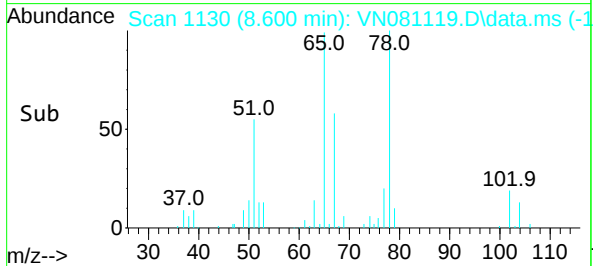
Instrument :
MSVOA_N
ClientSampleId :
1330



Tgt Ion: 78 Resp: 82924
Ion Ratio Lower Upper
78 100
77 20.2 20.4 30.6

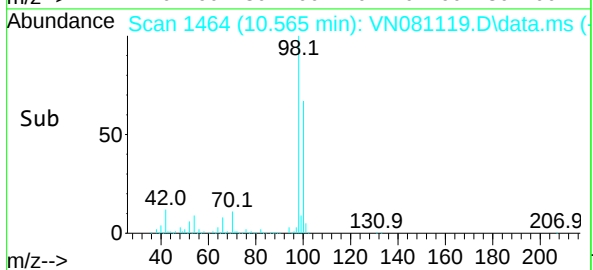
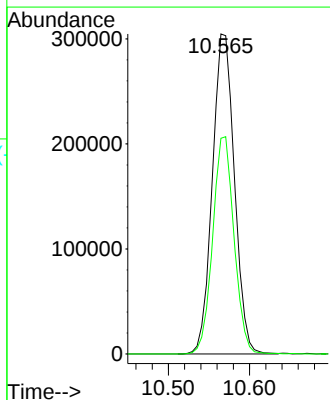
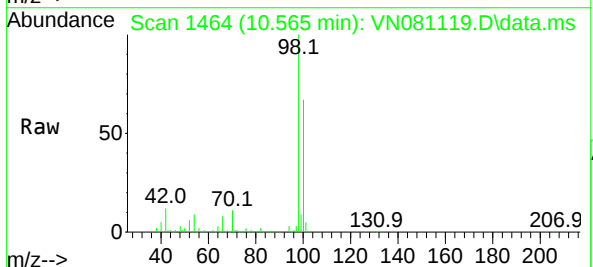
Manual Integrations
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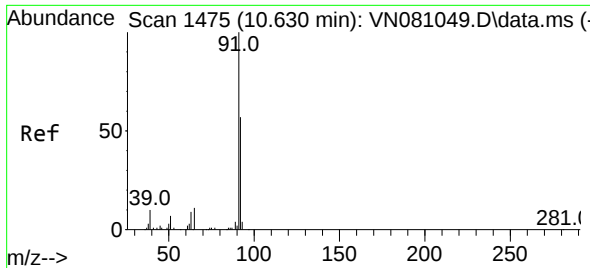
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#50
Toluene-d8
Concen: 44.233 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081119.D
Acq: 21 Feb 2024 14:46

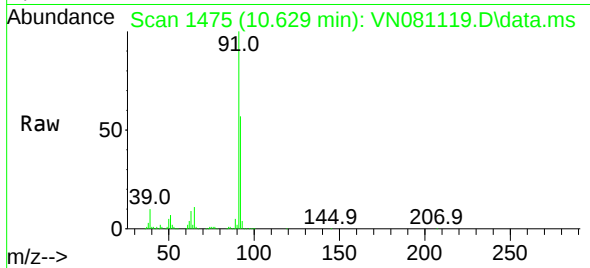
Tgt Ion: 98 Resp: 575921
Ion Ratio Lower Upper
98 100
100 65.8 51.4 77.0





#52
Toluene
Concen: 168.378 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081119.D
Acq: 21 Feb 2024 14:46

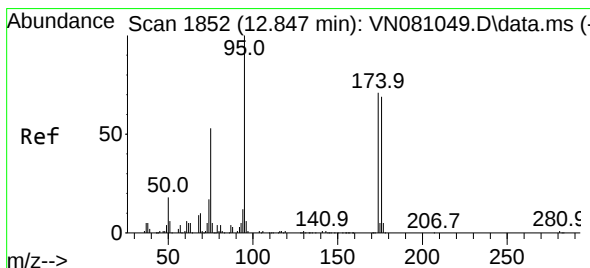
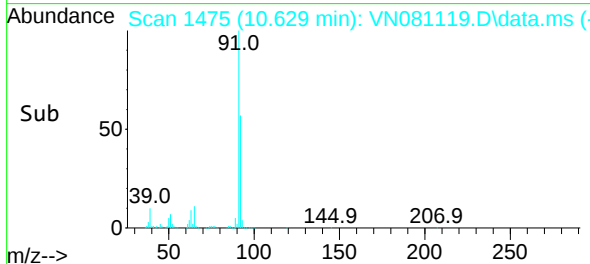
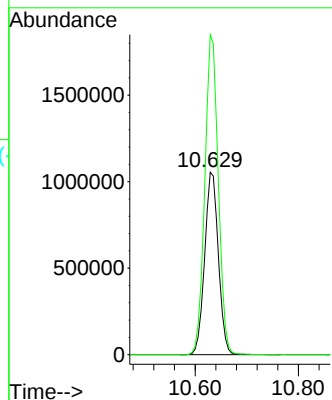
Instrument :
MSVOA_N
ClientSampleId :
1330



Tgt Ion: 92 Resp: 1937775
Ion Ratio Lower Upper
92 100
91 172.5 139.4 209.0

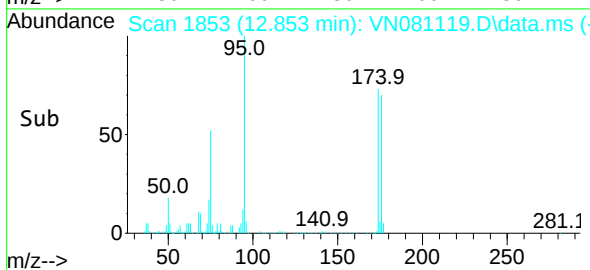
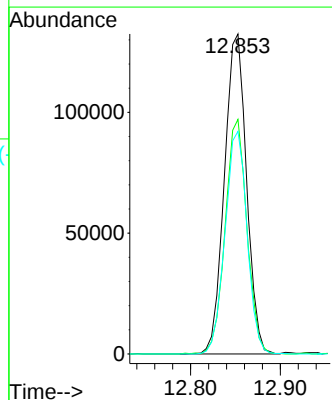
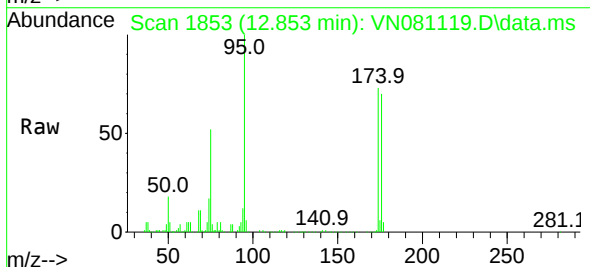
Manual Integrations
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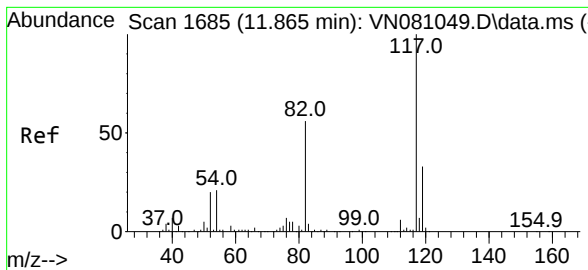
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#62
4-Bromofluorobenzene
Concen: 46.372 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081119.D
Acq: 21 Feb 2024 14:46

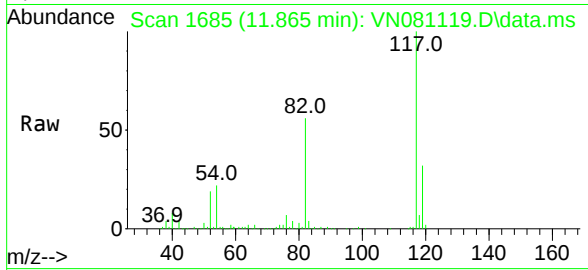
Tgt Ion: 95 Resp: 226871
Ion Ratio Lower Upper
95 100
174 72.1 0.0 120.4
176 69.2 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081119.D
Acq: 21 Feb 2024 14:46

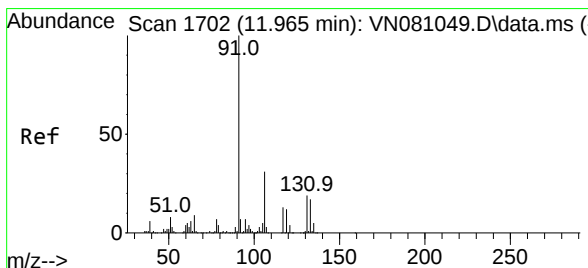
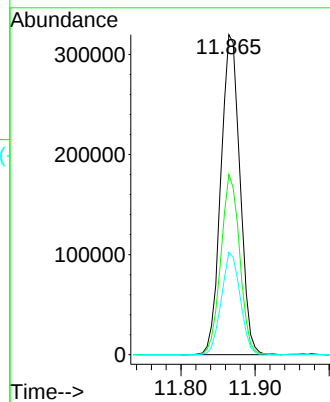
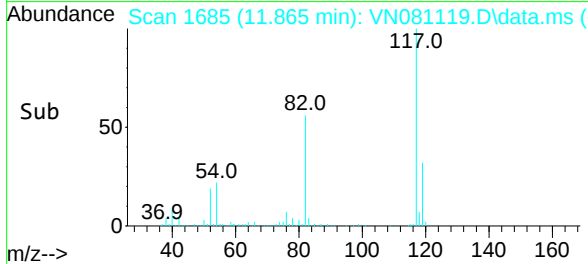
Instrument :
MSVOA_N
ClientSampleId :
1330



Tgt Ion:117 Resp: 571698
Ion Ratio Lower Upper
117 100
82 56.3 52.7 79.1
119 32.0 25.3 37.9

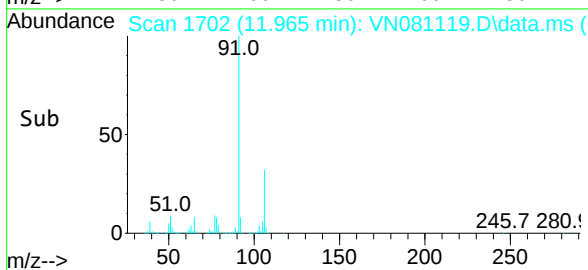
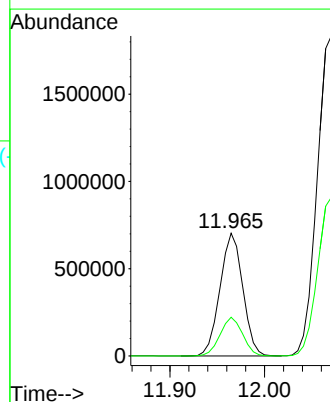
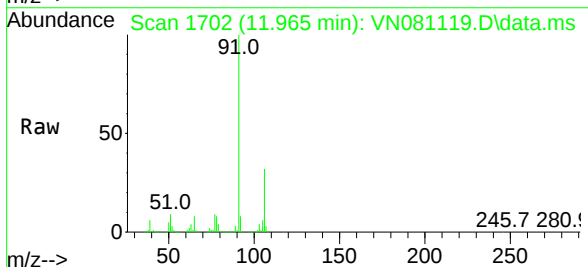
Manual Integrations
APPROVED

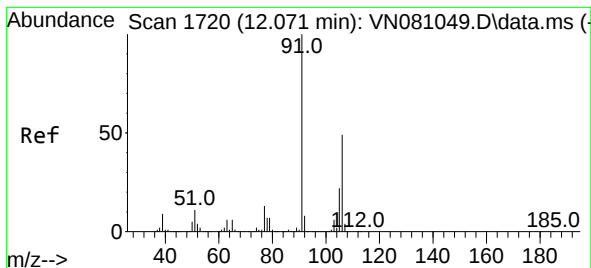
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#67
Ethyl Benzene
Concen: 53.202 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081119.D
Acq: 21 Feb 2024 14:46

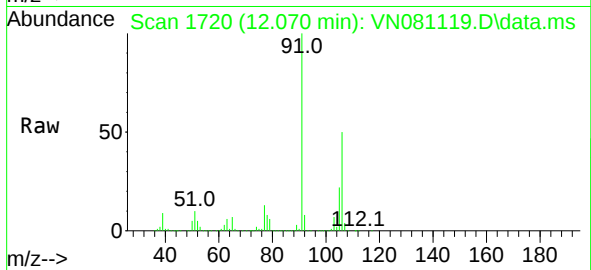
Tgt Ion: 91 Resp: 1177945
Ion Ratio Lower Upper
91 100
106 31.6 23.8 35.6





#68
m/p-Xylenes
Concen: 199.978 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081119.D
Acq: 21 Feb 2024 14:46

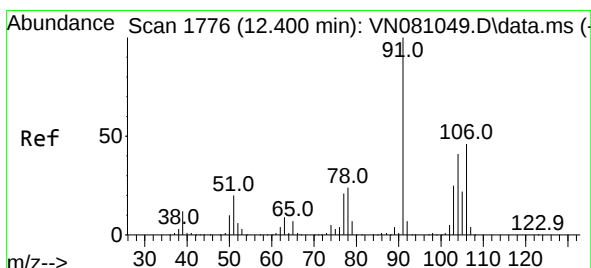
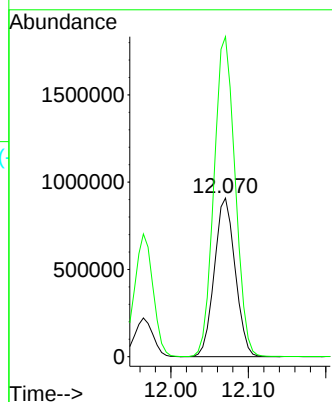
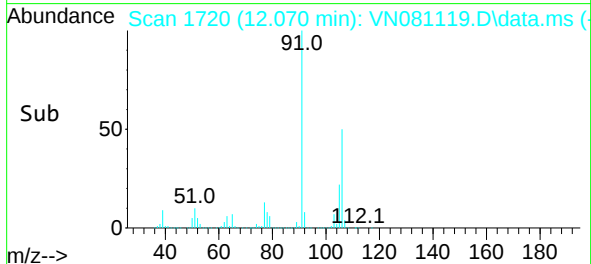
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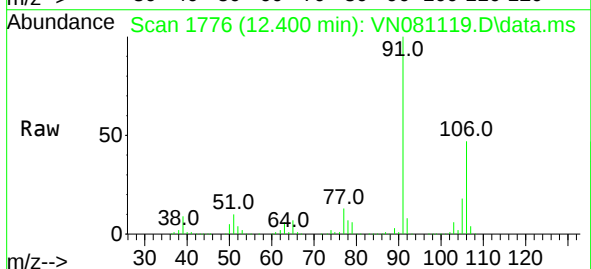
Tgt Ion:106 Resp: 1697138
Ion Ratio Lower Upper
106 100
91 204.9 169.0 253.6

Manual Integrations
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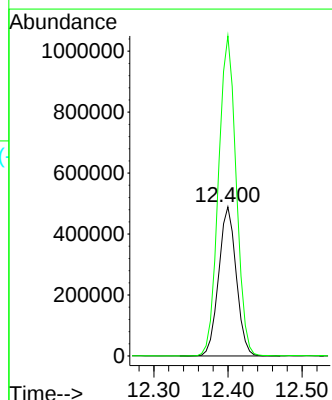
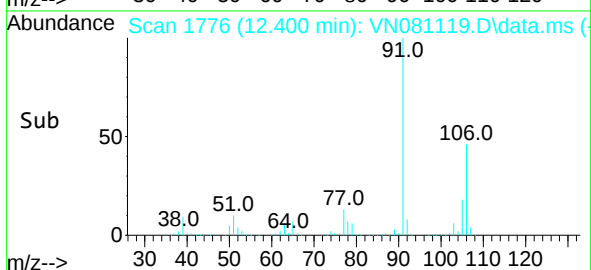
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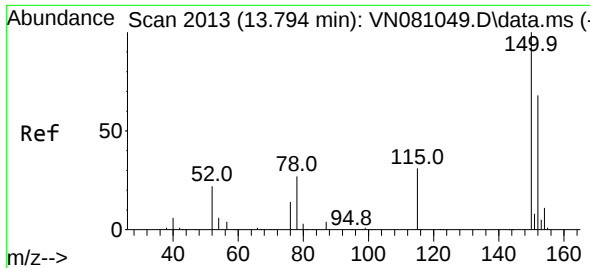


#69
o-Xylene
Concen: 95.521 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081119.D
Acq: 21 Feb 2024 14:46



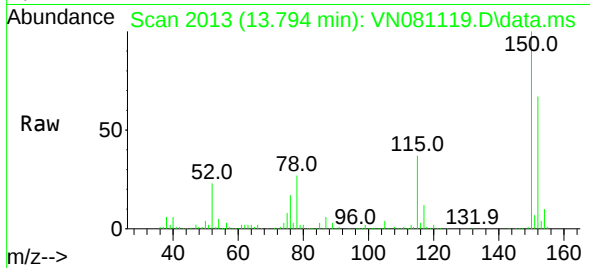
Tgt Ion:106 Resp: 803559
Ion Ratio Lower Upper
106 100
91 217.0 112.1 336.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081119.D
Acq: 21 Feb 2024 14:46

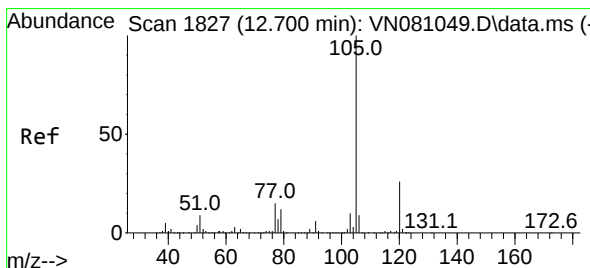
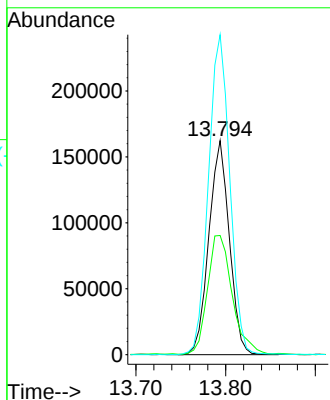
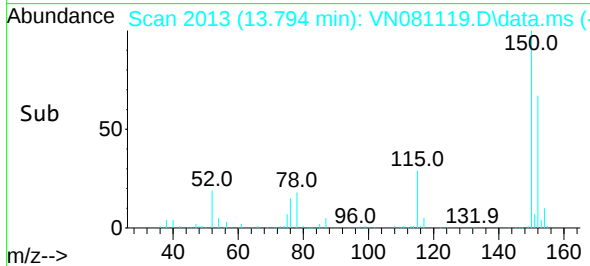
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1330



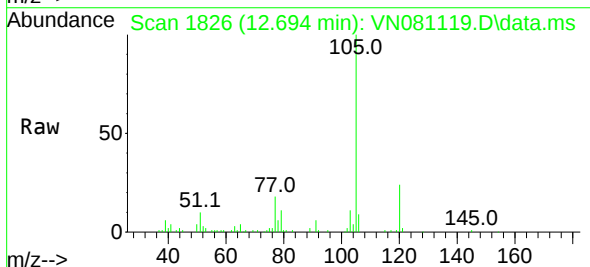
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Ion Ratio Lower Upper
152 100
115 66.6 32.3 96.8
150 155.5 0.0 339.8

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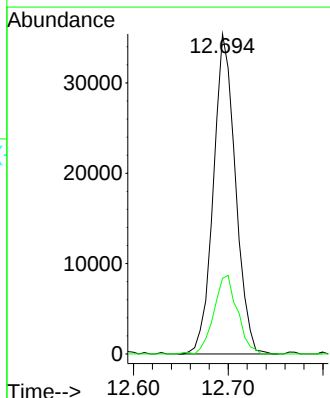
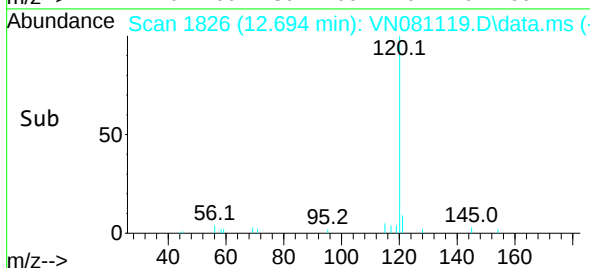
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

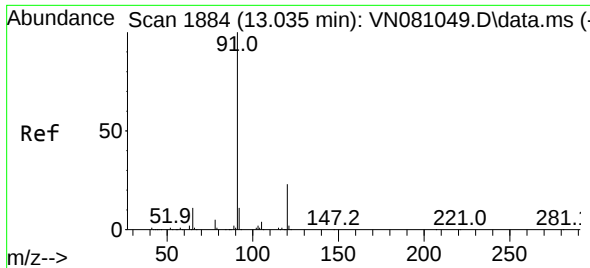


#73
Isopropylbenzene
Concen: 2.545 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081119.D
Acq: 21 Feb 2024 14:46



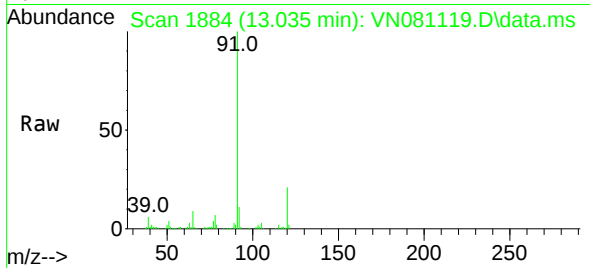
Tgt Ion:105 Resp: 57337
Ion Ratio Lower Upper
105 100
120 26.2 12.6 37.6





#78
n-propylbenzene
Concen: 7.543 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081119.D
Acq: 21 Feb 2024 14:46

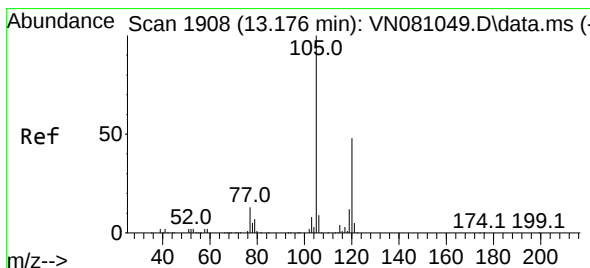
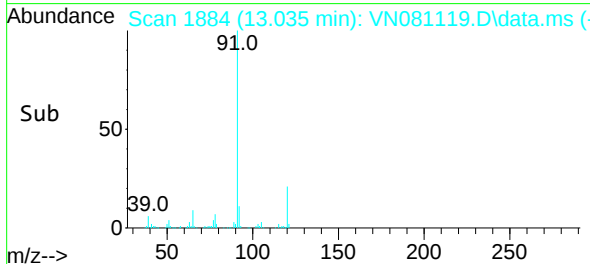
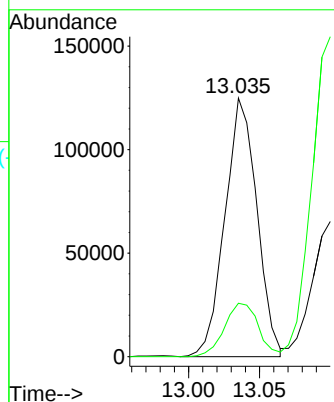
Instrument :
MSVOA_N
ClientSampleId :
1330



Tgt Ion: 91 Resp: 195619
Ion Ratio Lower Upper
91 100
120 22.1 10.3 30.9

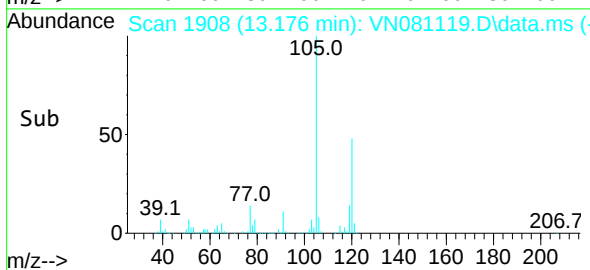
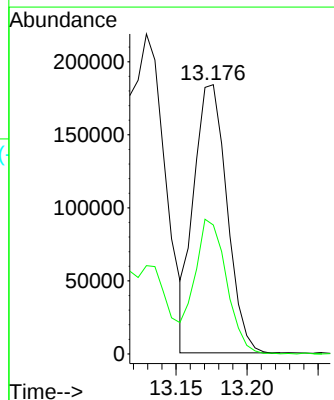
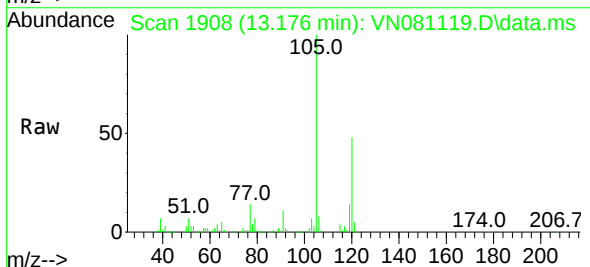
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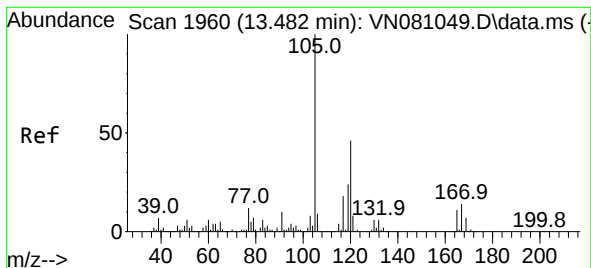
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#80
1,3,5-Trimethylbenzene
Concen: 16.271 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081119.D
Acq: 21 Feb 2024 14:46

Tgt Ion:105 Resp: 297186
Ion Ratio Lower Upper
105 100
120 48.4 23.0 69.0





#84

1,2,4-Trimethylbenzene

Concen: 64.640 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN081119.D

Acq: 21 Feb 2024 14:46

Instrument :

MSVOA_N

ClientSampleId :

1330

Tgt Ion:105 Resp: 117649

Ion Ratio Lower Upper

105 100

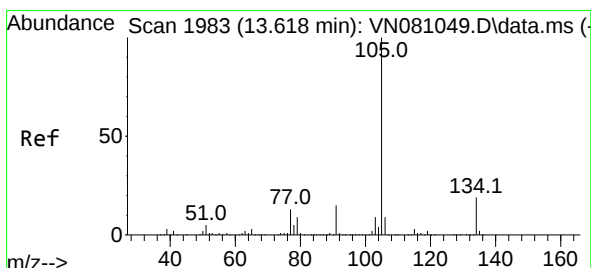
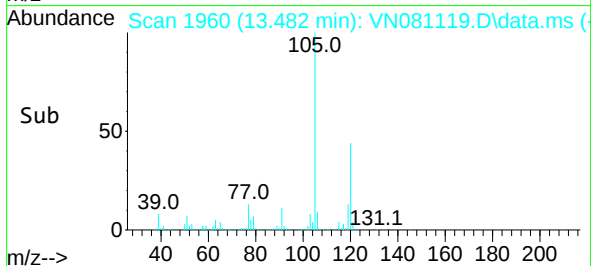
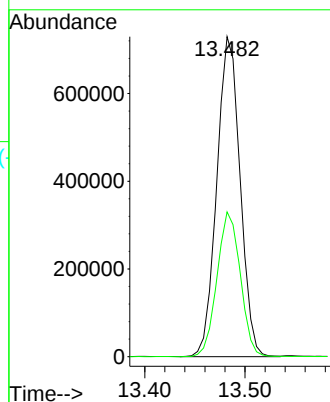
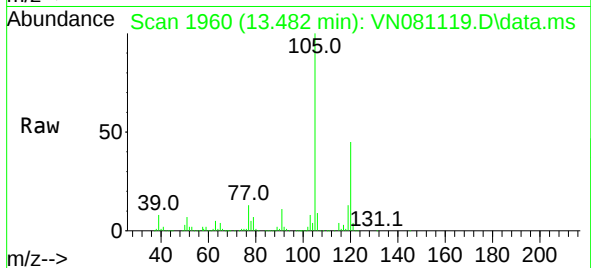
120 45.3 20.9 62.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2024

Supervised By :Semsettin Yesilyurt 02/22/2024



#85

sec-Butylbenzene

Concen: 0.532 ug/l m

RT: 13.611 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN081119.D

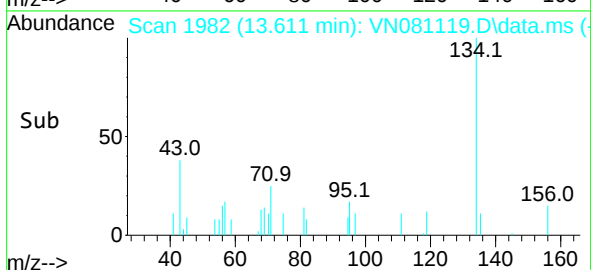
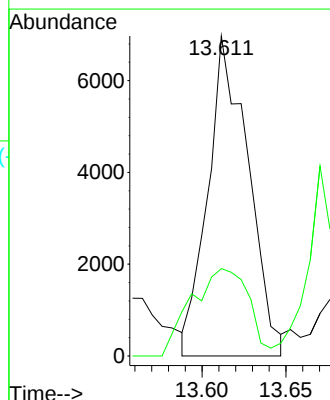
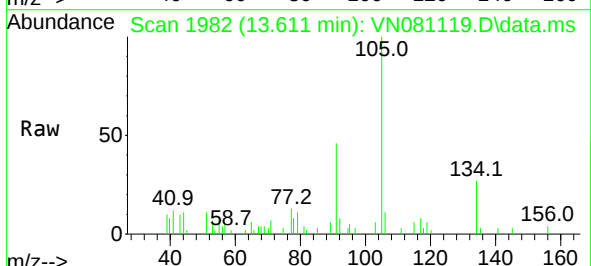
Acq: 21 Feb 2024 14:46

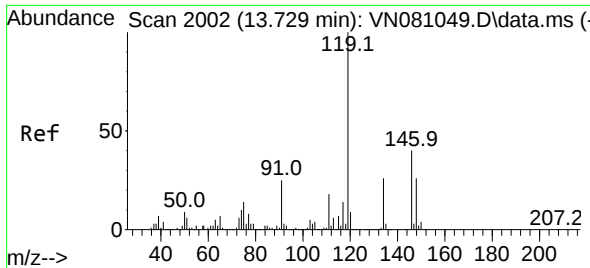
Tgt Ion:105 Resp: 11681

Ion Ratio Lower Upper

105 100

134 0.0 8.6 25.8#





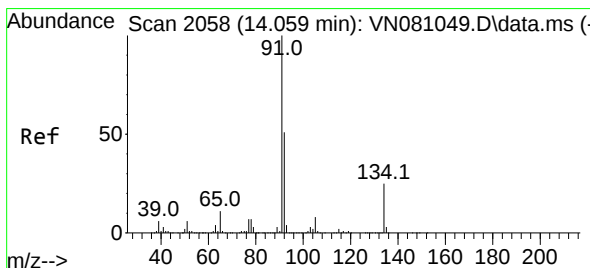
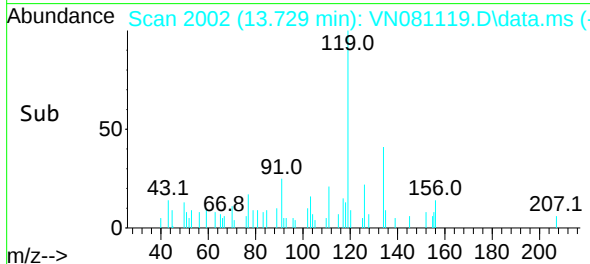
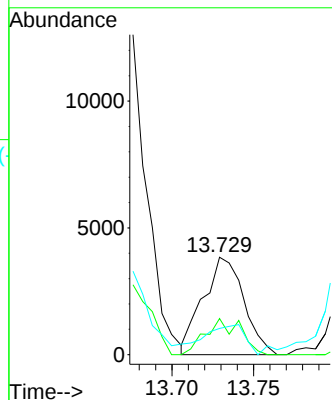
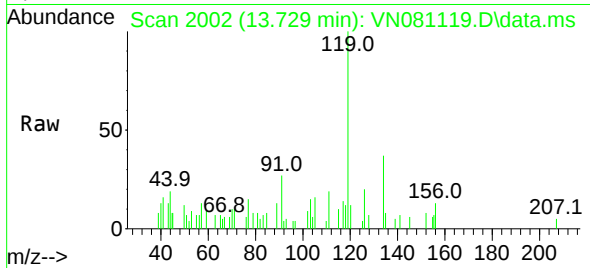
#86
p-Isopropyltoluene
Concen: 0.366 ug/l m
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN081119.D
Acq: 21 Feb 2024 14:46

Instrument :
MSVOA_N
ClientSampleId :
1330

Tgt Ion:119 Resp: 6668
Ion Ratio Lower Upper
119 100
134 81.9 12.4 37.2
91 71.9 13.5 40.4

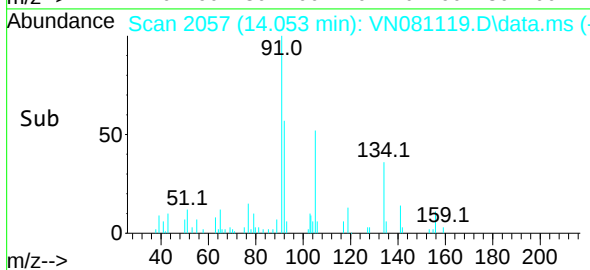
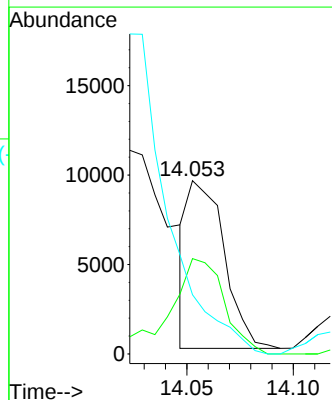
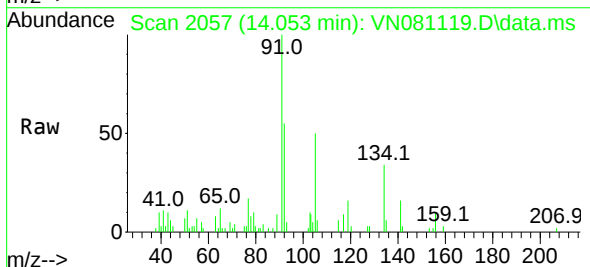
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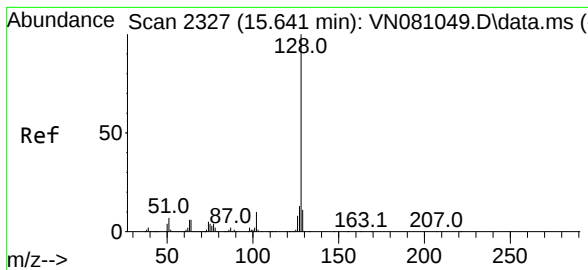
Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024



#89
n-Butylbenzene
Concen: 0.700 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN081119.D
Acq: 21 Feb 2024 14:46

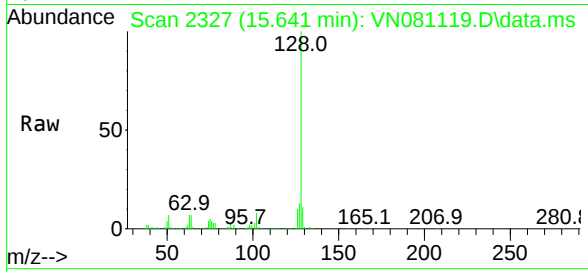
Tgt Ion: 91 Resp: 11127
Ion Ratio Lower Upper
91 100
92 74.2 26.7 80.1
134 0.0 10.8 32.4





#95
Naphthalene
Concen: 13.179 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081119.D
Acq: 21 Feb 2024 14:46

Instrument :
MSVOA_N
ClientSampleId :
1330



Tgt Ion:128 Resp: 246629
Ion Ratio Lower Upper
128 100
127 13.6 10.0 15.0
129 10.8 8.7 13.1

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

