

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092724\
 Data File : VN084203.D
 Acq On : 27 Sep 2024 15:05
 Operator : JC\MD
 Sample : P4144-08ME 10X
 Misc : 5.11g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 5-SBGME

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024

Quant Time: Sep 27 15:39:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	162848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120415	49.039	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.080%		
35) Dibromofluoromethane	8.171	113	94343	51.769	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.540%		
50) Toluene-d8	10.565	98	343248	54.483	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	108.960%		
62) 4-Bromofluorobenzene	12.847	95	126364	48.615	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.240%		
Target Compounds						
						Qvalue
31) Cyclohexane	8.253	56	10563m	2.976	ug/l	
39) Methylcyclohexane	9.600	83	11642	3.729	ug/l	97
40) Benzene	8.606	78	117444	14.225	ug/l	99
52) Toluene	10.629	92	149347	29.574	ug/l	98
67) Ethyl Benzene	11.965	91	62624	6.460	ug/l	96
68) m/p-Xylenes	12.065	106	239404	66.520	ug/l	99
69) o-Xylene	12.400	106	196041	56.268	ug/l	98
70) Styrene	12.412	104	79392	13.885	ug/l #	66
73) Isopropylbenzene	12.700	105	9796	1.020	ug/l	98
78) n-propylbenzene	13.035	91	24563	2.199	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	298639	36.895	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	567639	69.813	ug/l	99
95) Naphthalene	15.641	128	16616026	2417.947	ug/l	98

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

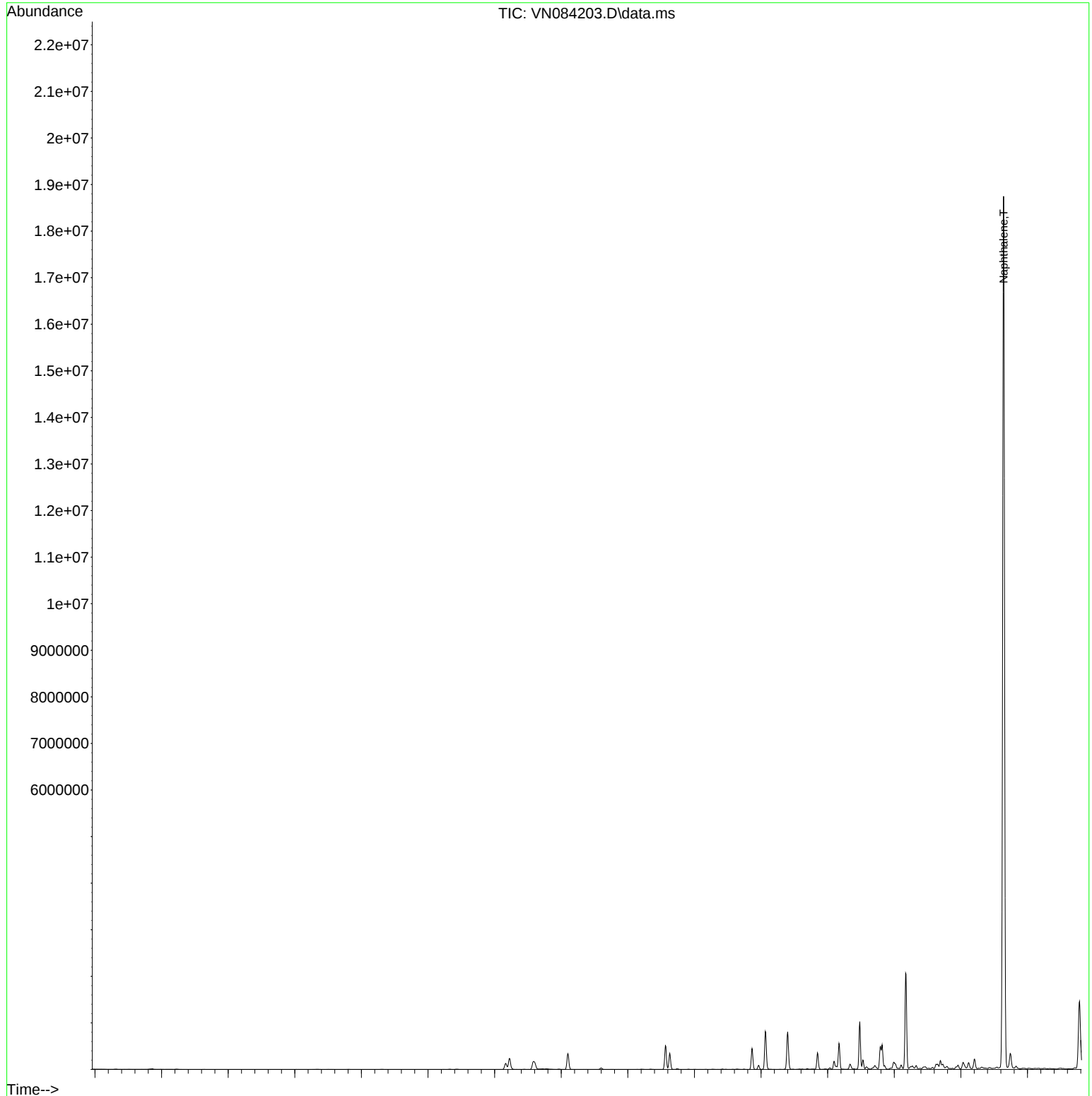
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092724\
Data File : VN084203.D
Acq On : 27 Sep 2024 15:05
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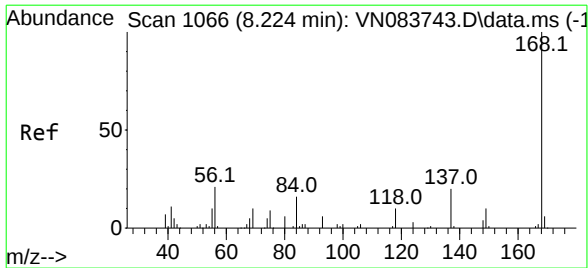
Instrument :
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ClientSampleId :
5-SBGME

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Supervised By :Mahesh Dadoda 09/30/2024

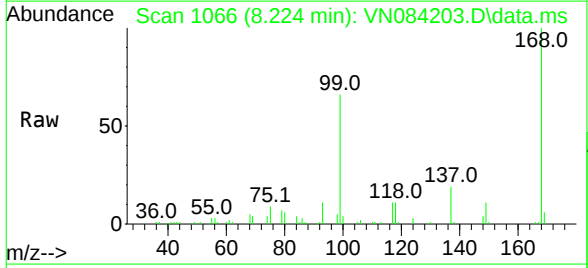
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN084203.D
 Acq: 27 Sep 2024 15:05

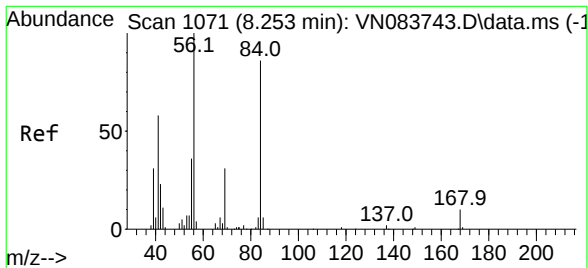
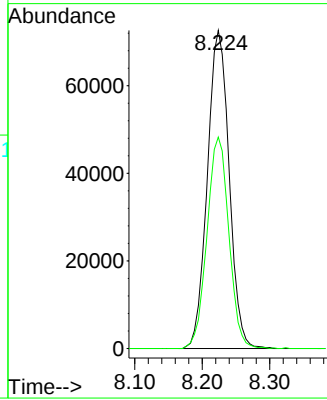
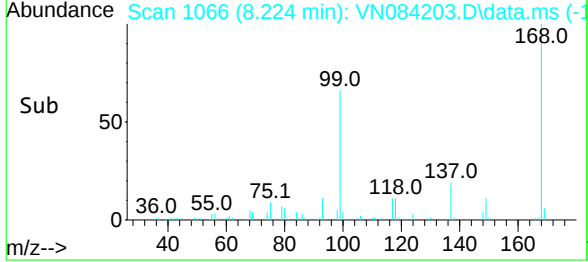
Instrument :
 MSVOA_N
 ClientSampleId :
 5-SBGME



Tgt Ion: 168 Resp: 162848
 Ion Ratio Lower Upper
 168 100
 99 66.5 54.2 81.2

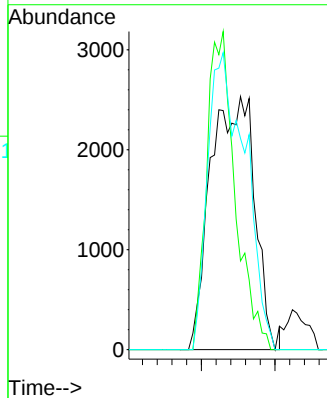
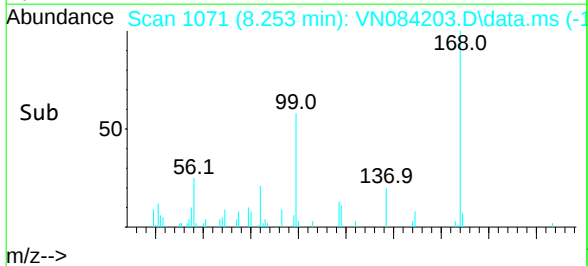
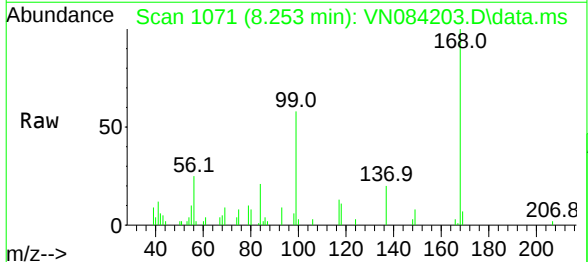
Manual Integrations
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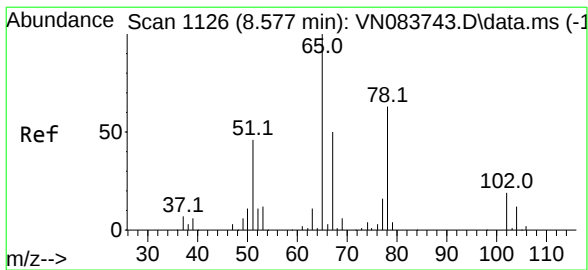
Reviewed By : Semsettin Yesilyurt 09/30/2024
 Supervised By : Mahesh Dadoda 09/30/2024



#31
 Cyclohexane
 Concen: 2.976 ug/l m
 RT: 8.253 min Scan# 1071
 Delta R.T. 0.000 min
 Lab File: VN084203.D
 Acq: 27 Sep 2024 15:05

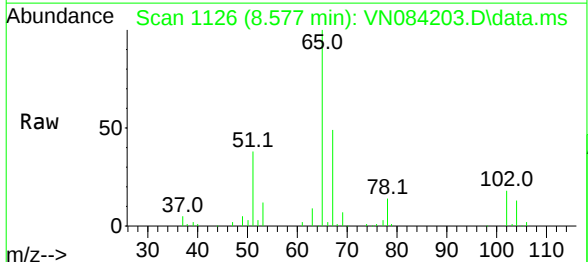
Tgt Ion: 56 Resp: 10563
 Ion Ratio Lower Upper
 56 100
 69 35.0 26.9 40.3
 84 83.5 69.2 103.8





#33
 1,2-Dichloroethane-d4
 Concen: 49.039 ug/l
 RT: 8.577 min Scan# 1116
 Delta R.T. 0.000 min
 Lab File: VN084203.D
 Acq: 27 Sep 2024 15:05

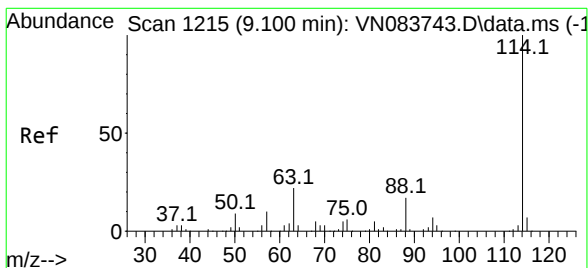
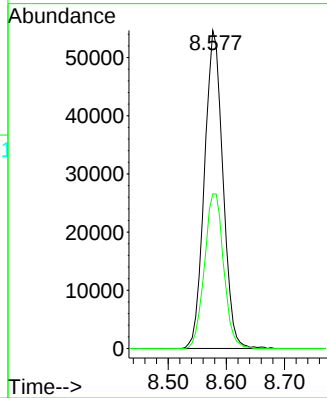
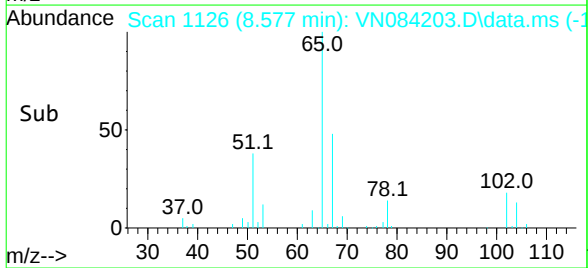
Instrument :
 MSVOA_N
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 5-SBGME



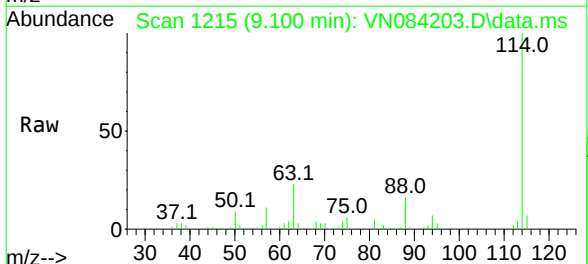
Tgt Ion: 65 Resp: 120415
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.8

Manual Integrations
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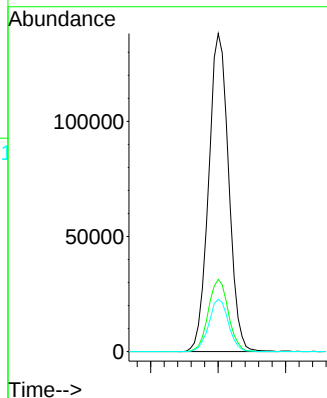
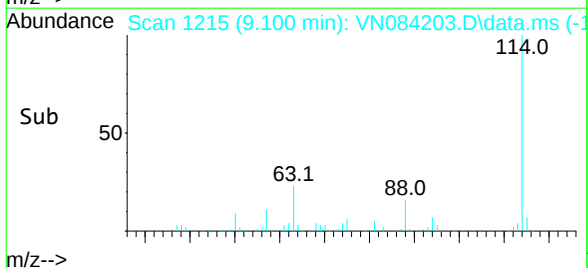
Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024

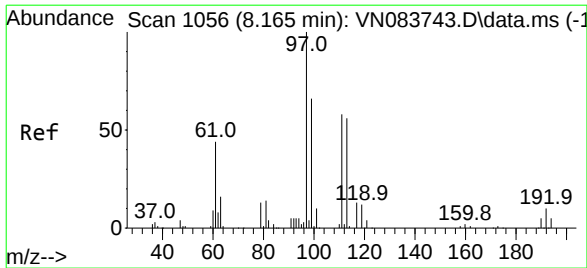


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084203.D
 Acq: 27 Sep 2024 15:05



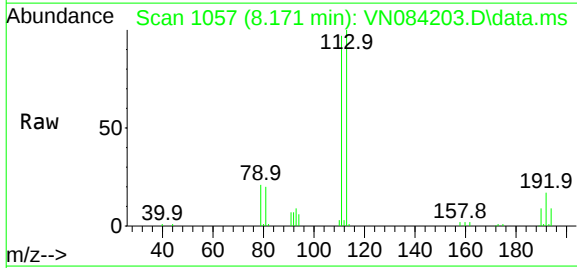
Tgt Ion:114 Resp: 284666
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.4
 88 16.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.769 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN084203.D
Acq: 27 Sep 2024 15:05

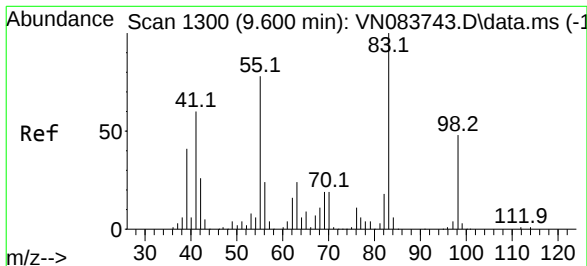
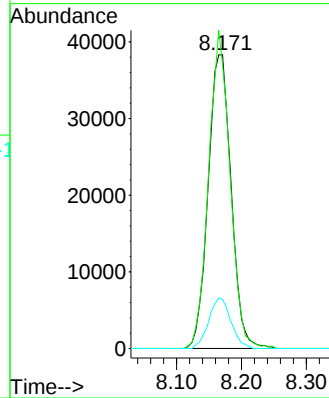
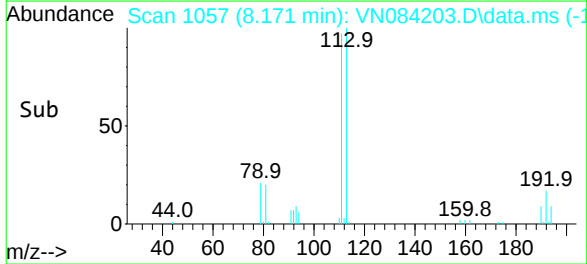
Instrument :
MSVOA_N
ClientSampleId :
5-SBGME



Tgt Ion: 113 Resp: 94343
Ion Ratio Lower Upper
113 100
111 100.8 82.6 124.0
192 16.6 14.3 21.5

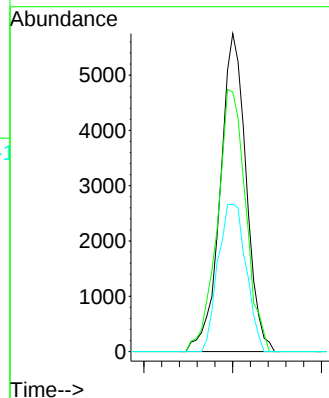
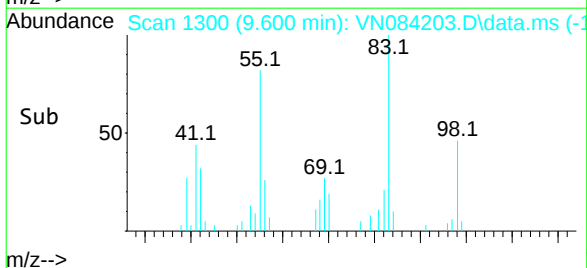
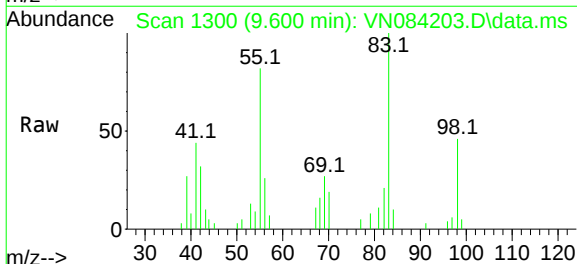
Manual Integrations
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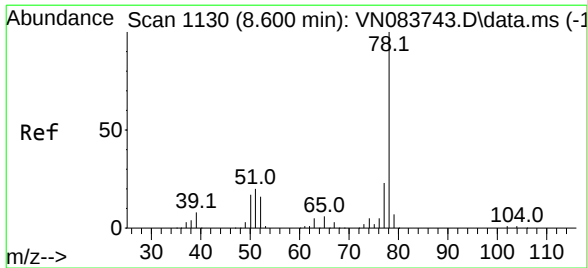
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#39
Methylcyclohexane
Concen: 3.729 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084203.D
Acq: 27 Sep 2024 15:05

Tgt Ion: 83 Resp: 11642
Ion Ratio Lower Upper
83 100
55 81.6 62.2 93.4
98 46.3 37.6 56.4





#40

Benzene

Concen: 14.225 ug/l

RT: 8.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN084203.D

Acq: 27 Sep 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

5-SBGME

Tgt Ion: 78 Resp: 117444

Ion Ratio Lower Upper

78 100

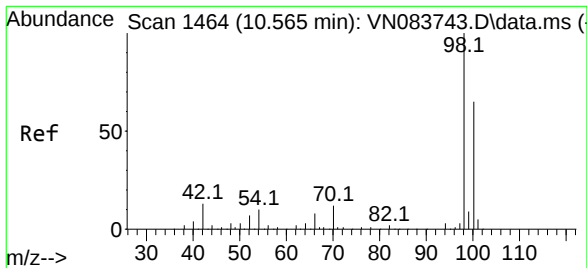
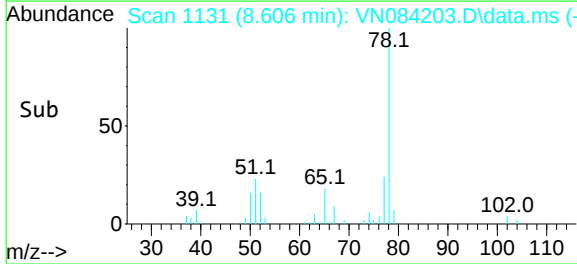
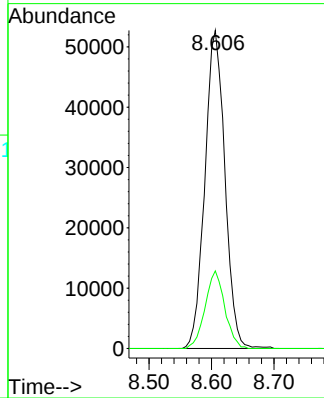
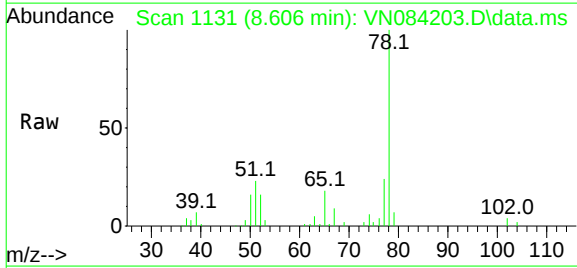
77 24.4 19.0 28.6

Manual Integrations

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Supervised By :Mahesh Dadoda 09/30/2024



#50

Toluene-d8

Concen: 54.483 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084203.D

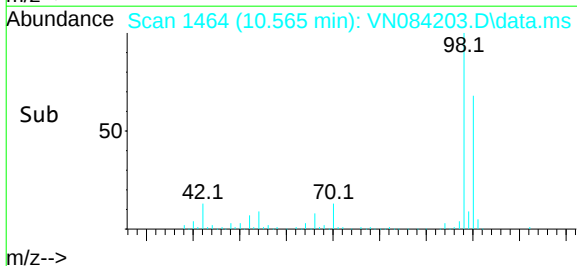
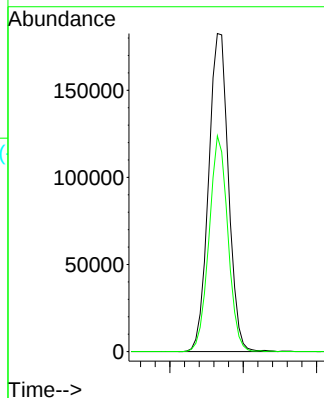
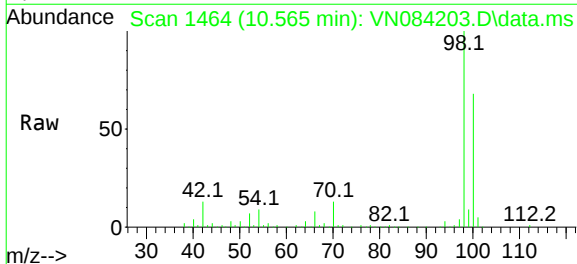
Acq: 27 Sep 2024 15:05

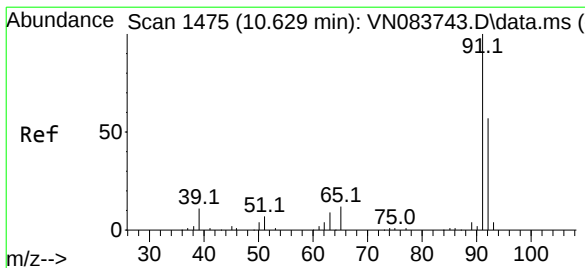
Tgt Ion: 98 Resp: 343248

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0





#52

Toluene

Concen: 29.574 ug/l

RT: 10.629 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN084203.D

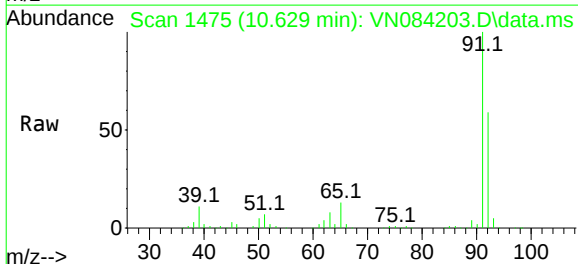
Acq: 27 Sep 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

5-SBGME



Tgt Ion: 92 Resp: 149347

Ion Ratio Lower Upper

92 100

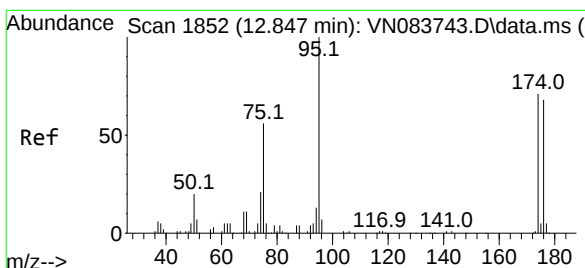
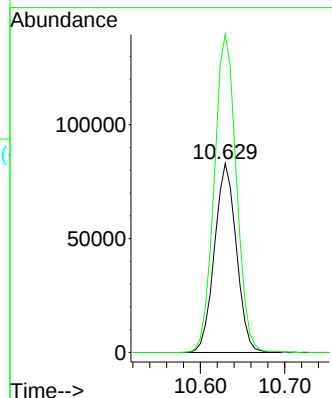
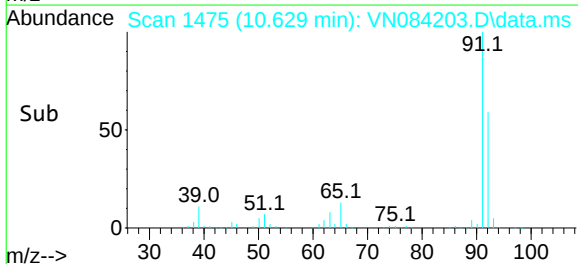
91 171.0 134.7 202.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/30/2024

Supervised By :Mahesh Dadoda 09/30/2024



#62

4-Bromofluorobenzene

Concen: 48.615 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084203.D

Acq: 27 Sep 2024 15:05

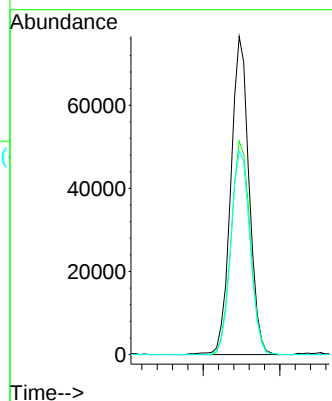
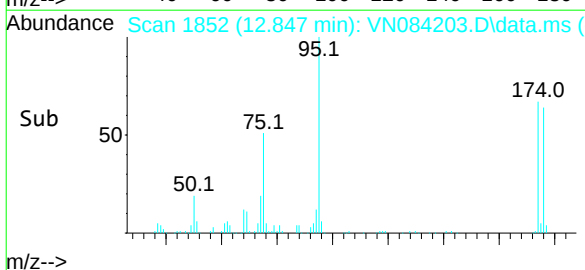
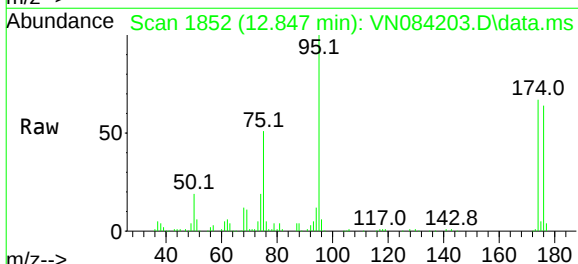
Tgt Ion: 95 Resp: 126364

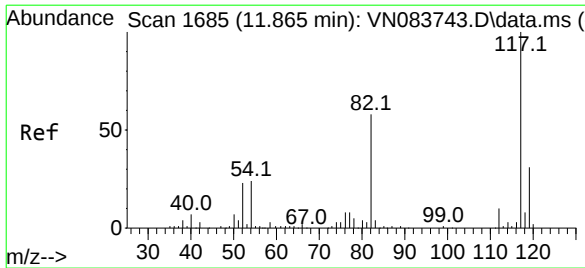
Ion Ratio Lower Upper

95 100

174 69.9 0.0 139.8

176 67.2 0.0 131.4





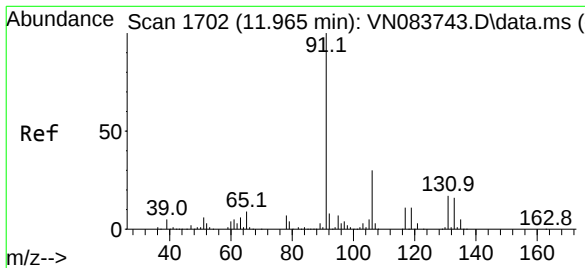
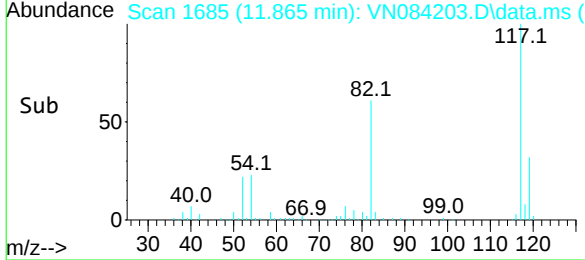
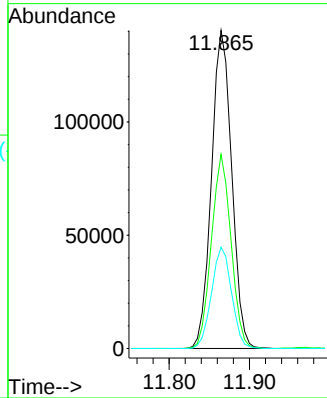
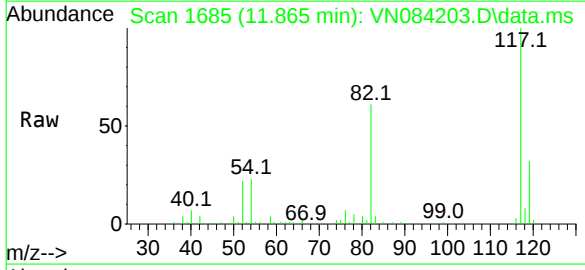
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084203.D
Acq: 27 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
5-SBGME

Tgt Ion: 117 Resp: 245526
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.0
119 31.8 26.3 39.5

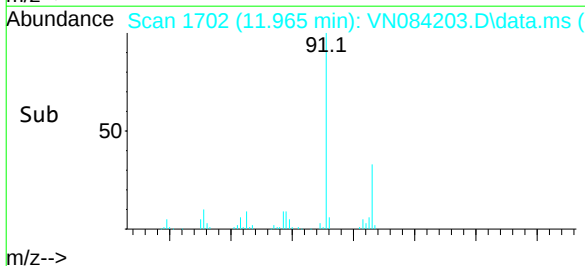
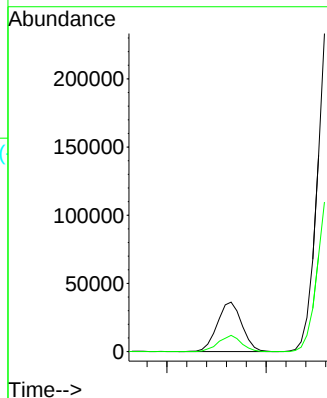
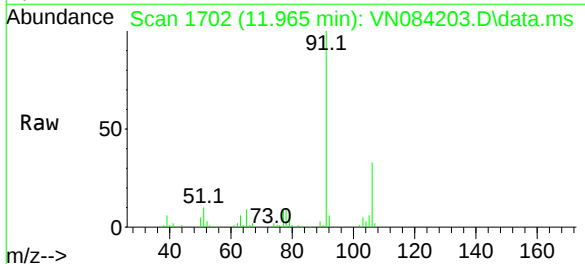
Manual Integrations
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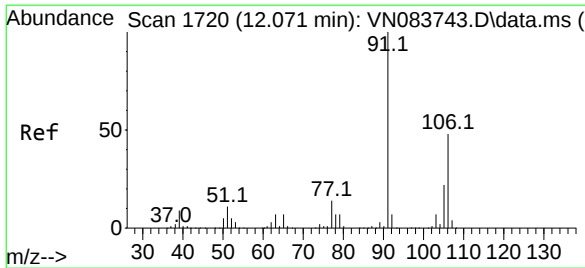
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#67
Ethyl Benzene
Concen: 6.460 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084203.D
Acq: 27 Sep 2024 15:05

Tgt Ion: 91 Resp: 62624
Ion Ratio Lower Upper
91 100
106 32.8 24.3 36.5





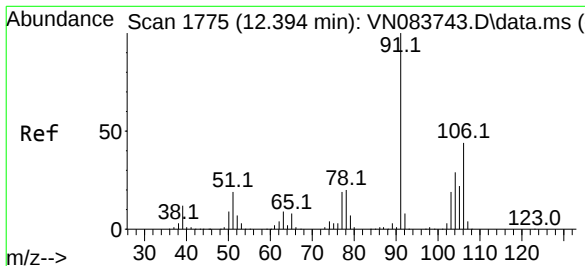
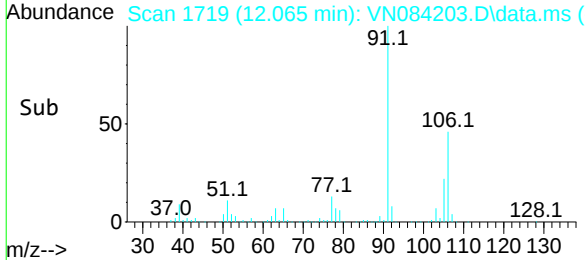
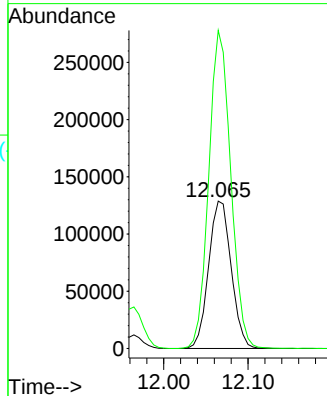
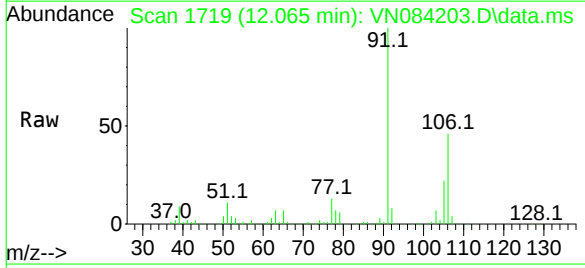
#68
m/p-Xylenes
Concen: 66.520 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084203.D
Acq: 27 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
5-SBGME

Tgt Ion:106 Resp: 239404
Ion Ratio Lower Upper
106 100
91 210.4 169.2 253.8

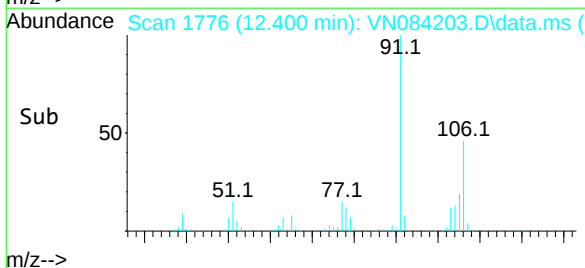
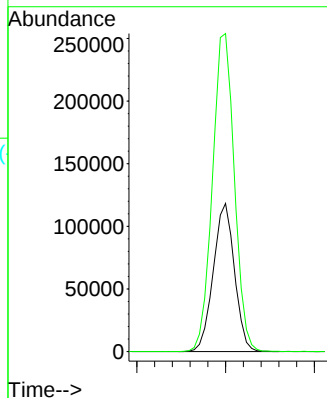
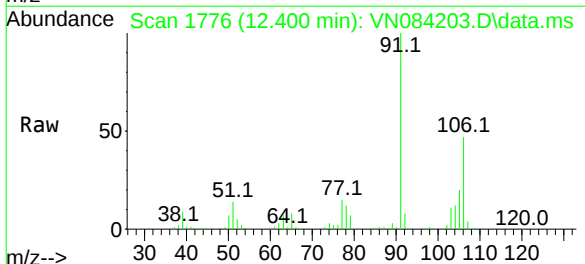
Manual Integrations
APPROVED

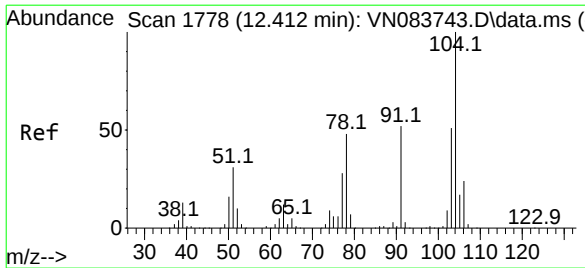
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#69
o-Xylene
Concen: 56.268 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084203.D
Acq: 27 Sep 2024 15:05

Tgt Ion:106 Resp: 196041
Ion Ratio Lower Upper
106 100
91 222.2 112.9 338.6





#70

Styrene

Concen: 13.885 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN084203.D

Acq: 27 Sep 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

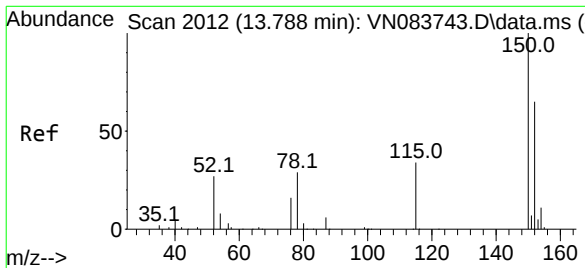
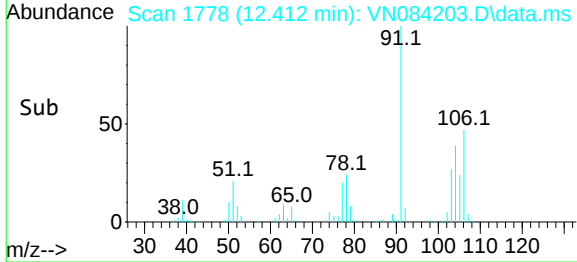
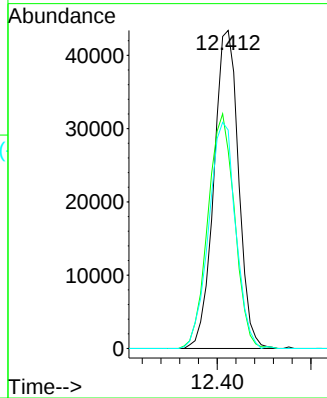
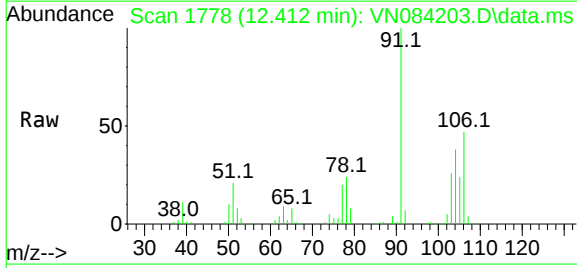
5-SBGME

Tgt Ion:	104	Resp:	79392
Ion Ratio	Lower	Upper	
104	100		
78	79.7	43.3	64.9#
103	77.7	43.4	65.2#

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

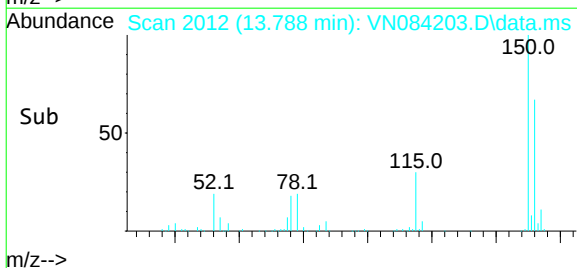
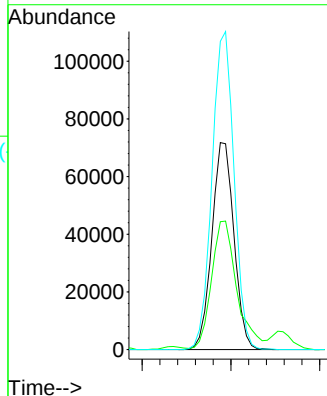
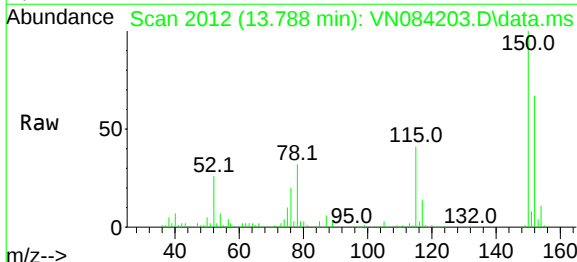
RT: 13.788 min Scan# 2012

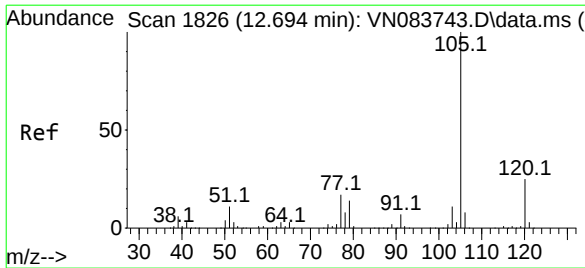
Delta R.T. 0.000 min

Lab File: VN084203.D

Acq: 27 Sep 2024 15:05

Tgt Ion:	152	Resp:	124095
Ion Ratio	Lower	Upper	
152	100		
115	70.8	32.2	96.6
150	153.1	0.0	348.6





#73

Isopropylbenzene

Concen: 1.020 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.006 min

Lab File: VN084203.D

Acq: 27 Sep 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

5-SBGME

Tgt Ion:105 Resp: 9796

Ion Ratio Lower Upper

105 100

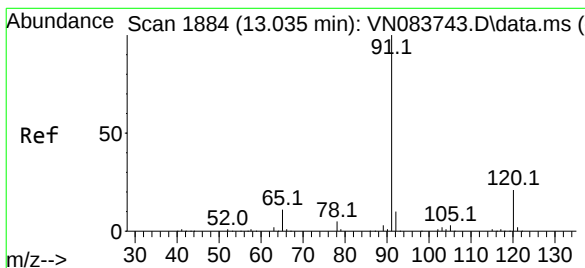
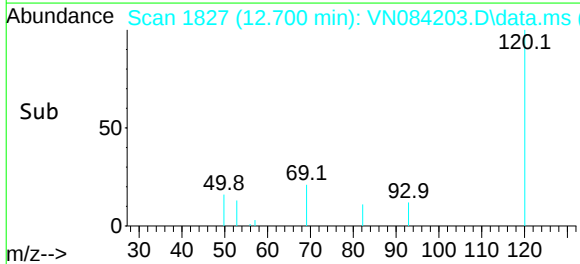
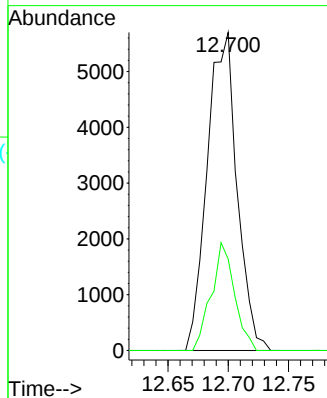
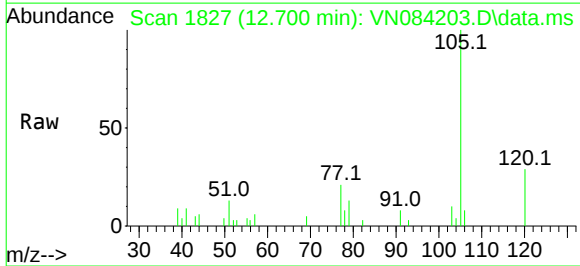
120 26.4 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2024

Supervised By :Mahesh Dadoda 09/30/2024



#78

n-propylbenzene

Concen: 2.199 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084203.D

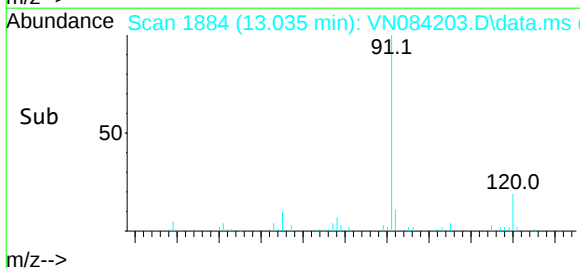
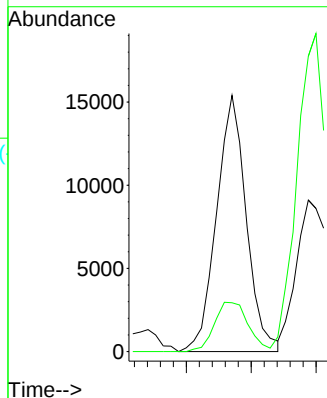
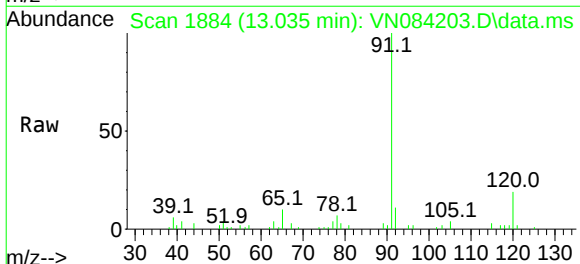
Acq: 27 Sep 2024 15:05

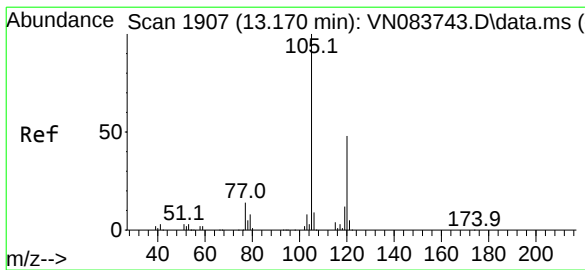
Tgt Ion: 91 Resp: 24563

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0





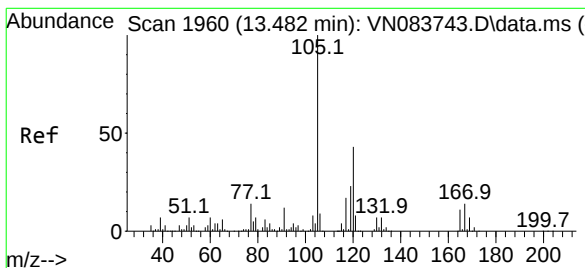
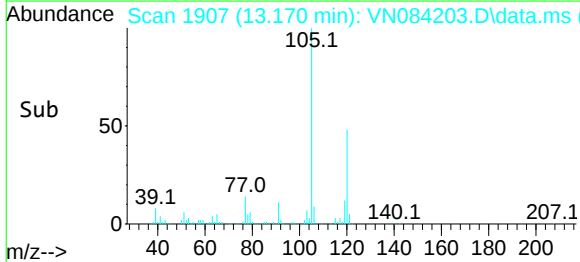
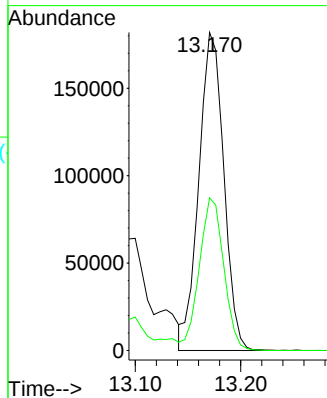
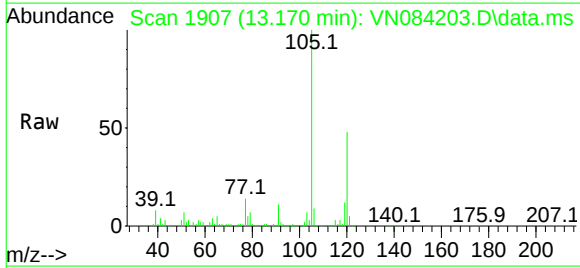
#80
1,3,5-Trimethylbenzene
Concen: 36.895 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084203.D
Acq: 27 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
5-SBGME

Tgt Ion:105 Resp: 298639
Ion Ratio Lower Upper
105 100
120 47.2 23.4 70.3

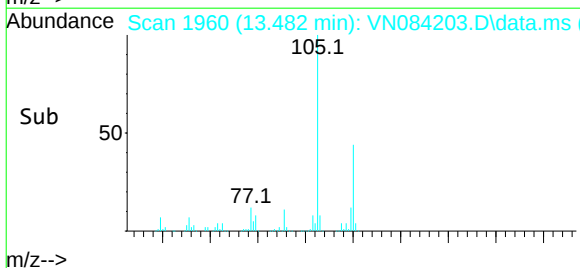
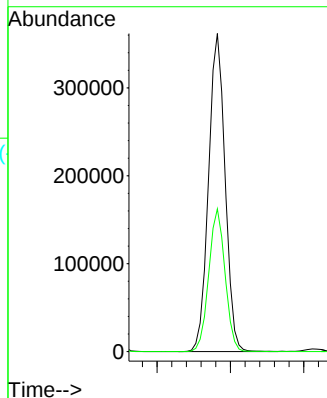
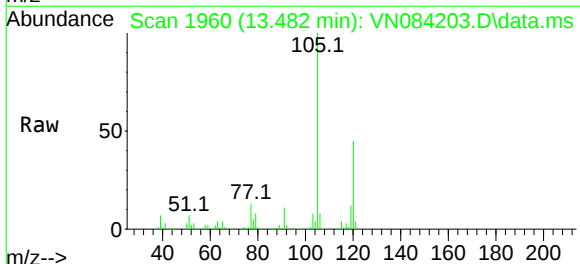
Manual Integrations
APPROVED

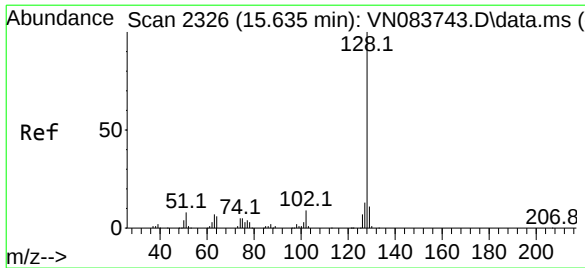
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#84
1,2,4-Trimethylbenzene
Concen: 69.813 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084203.D
Acq: 27 Sep 2024 15:05

Tgt Ion:105 Resp: 567639
Ion Ratio Lower Upper
105 100
120 44.1 21.8 65.4





#95
Naphthalene
Concen: 2417.947 ug/l
RT: 15.641 min Scan# 23
Delta R.T. 0.006 min
Lab File: VN084203.D
Acq: 27 Sep 2024 15:05

Instrument :
MSVOA_N
ClientSampleId :
5-SBGME

Tgt Ion:128 Resp:16616026
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 11.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024

