

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083963.D
 Acq On : 18 Sep 2024 05:33
 Operator : JC\MD
 Sample : P3964-01
 Misc : 4.16g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024

Quant Time: Sep 18 06:04:52 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	8.218	168	159393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122214	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124243	51.694	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.380%			
35) Dibromofluoromethane	8.165	113	85680	49.215	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.440%			
50) Toluene-d8	10.565	98	332482	55.244	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.480%			
62) 4-Bromofluorobenzene	12.847	95	127254	51.249	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.500%			
Target Compounds						
52) Toluene	10.624	92	3665	0.760	ug/l	92
67) Ethyl Benzene	11.965	91	104572	11.090	ug/l	98
68) m/p-Xylenes	12.065	106	354252	101.195	ug/l	97
69) o-Xylene	12.394	106	206739	61.005	ug/l	97
73) Isopropylbenzene	12.694	105	222121	23.492	ug/l	100
78) n-propylbenzene	13.035	91	560181	50.920	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	1070392	134.274	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	4070766	508.361	ug/l	99
85) sec-Butylbenzene	13.618	105	80305m	8.682	ug/l	
86) p-Isopropyltoluene	13.729	119	35152m	4.534	ug/l	
89) n-Butylbenzene	14.053	91	165804m	23.817	ug/l	

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

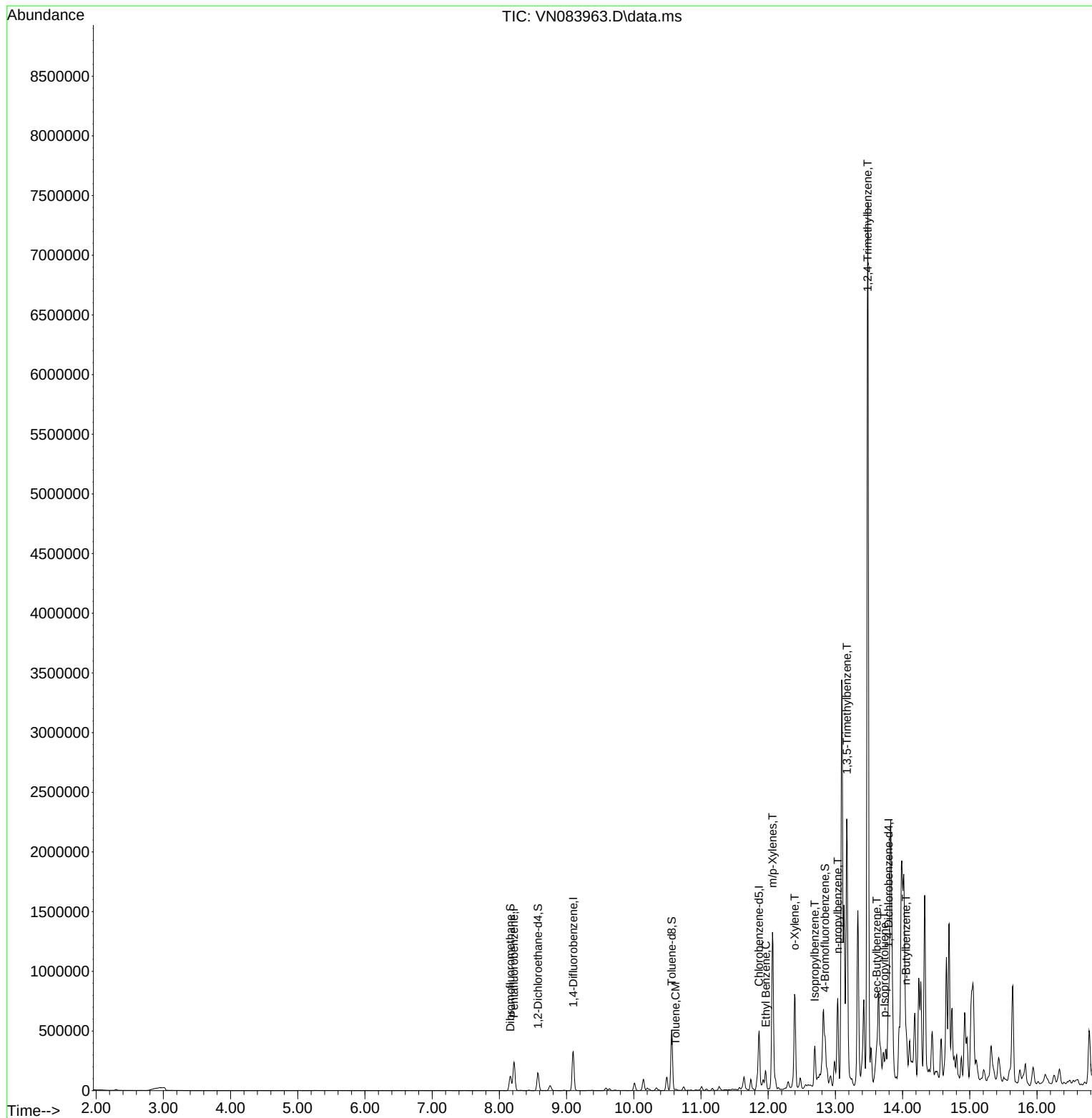
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083963.D
Acq On : 18 Sep 2024 05:33
Operator : JC\MD
Sample : P3964-01
Misc : 4.16g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 39 Sample Multiplier: 1

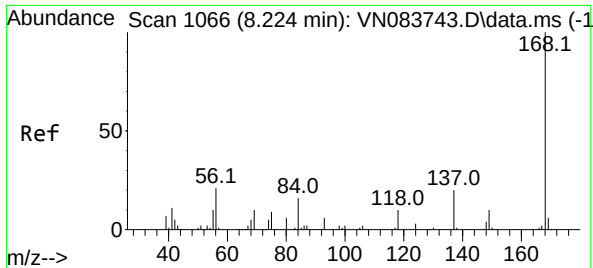
Instrument :
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FDF-1

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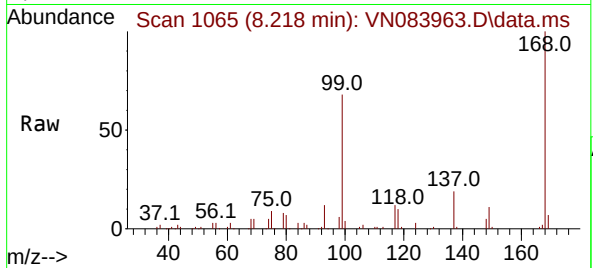
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083963.D
Acq: 18 Sep 2024 05:33

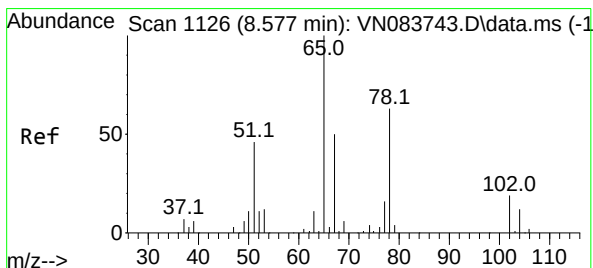
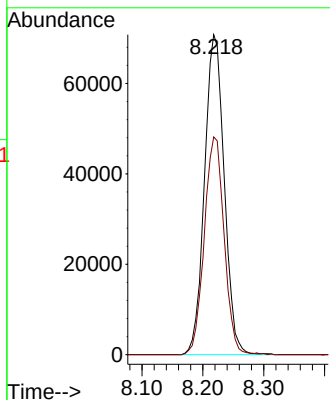
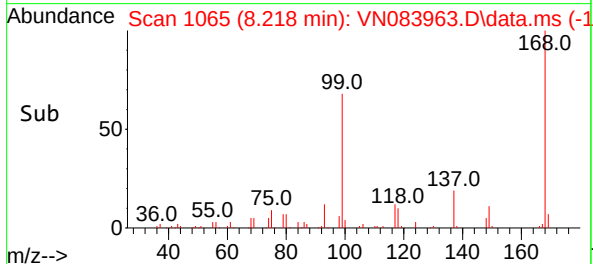
Instrument :
MSVOA_N
ClientSampleId :
FDF-1



Tgt Ion:168 Resp: 15939
Ion Ratio Lower Upper
168 100
99 68.1 54.2 81.2

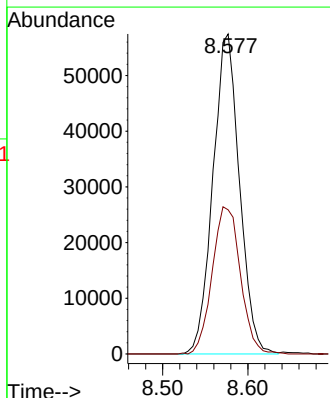
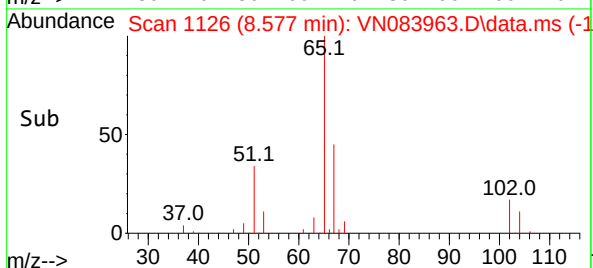
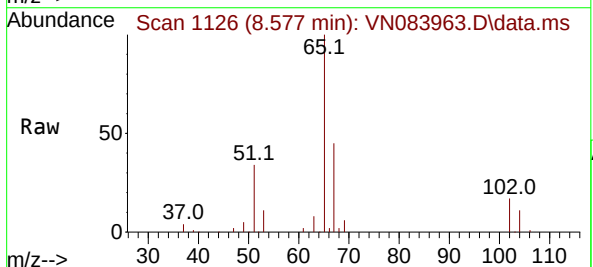
Manual Integrations
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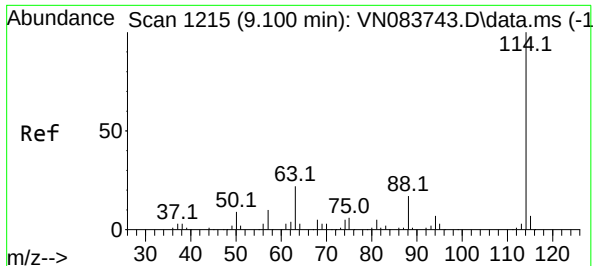
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#33
1,2-Dichloroethane-d4
Concen: 51.694 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083963.D
Acq: 18 Sep 2024 05:33

Tgt Ion: 65 Resp: 124243
Ion Ratio Lower Upper
65 100
67 48.8 0.0 100.8





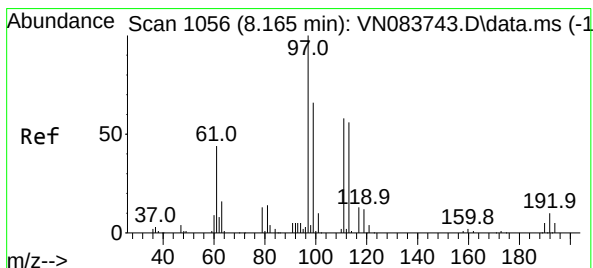
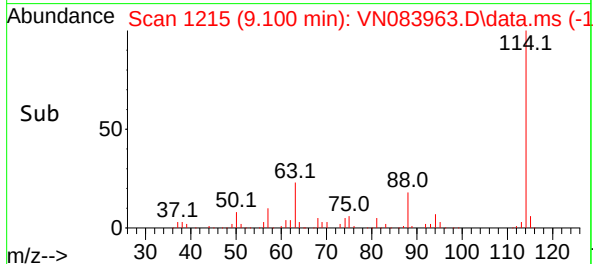
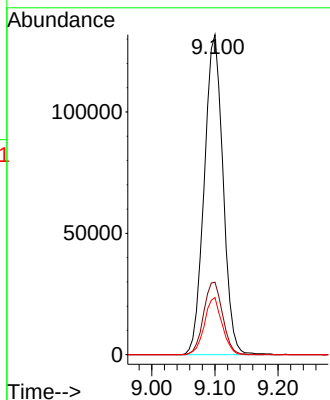
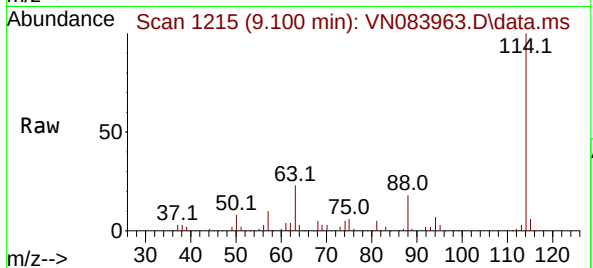
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083963.D
Acq: 18 Sep 2024 05:33

Instrument :
MSVOA_N
ClientSampleId :
FDF-1

Tgt Ion:114 Resp: 271939
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.4
88 17.8 0.0 32.6

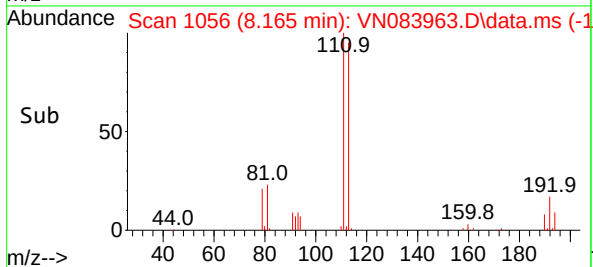
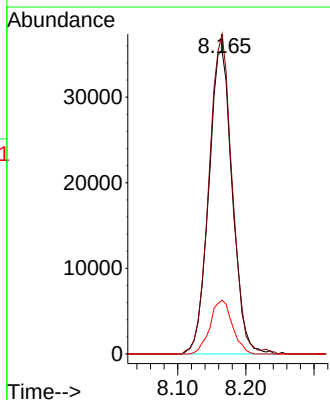
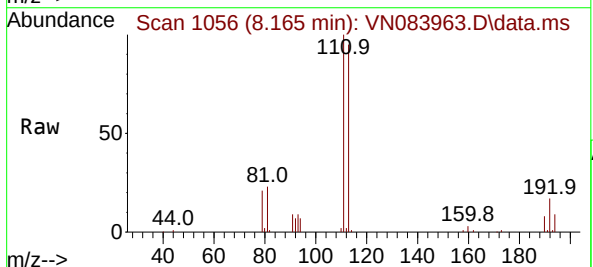
Manual Integrations
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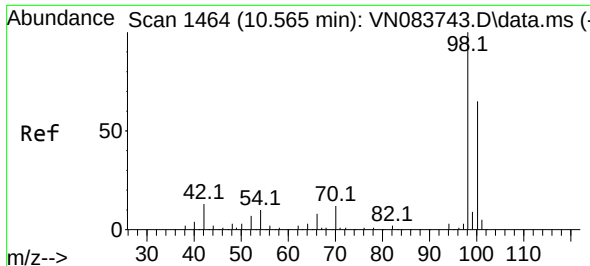
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#35
Dibromofluoromethane
Concen: 49.215 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083963.D
Acq: 18 Sep 2024 05:33

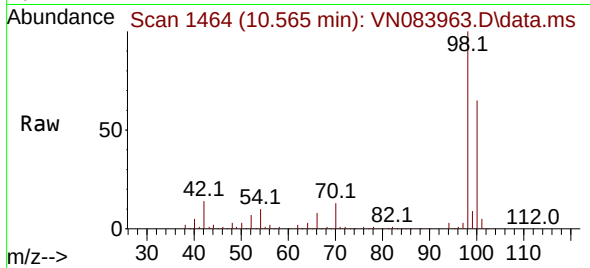
Tgt Ion:113 Resp: 85680
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 16.7 14.3 21.5





#50
Toluene-d8
Concen: 55.244 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083963.D
Acq: 18 Sep 2024 05:33

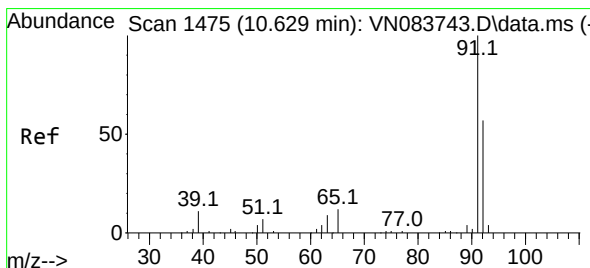
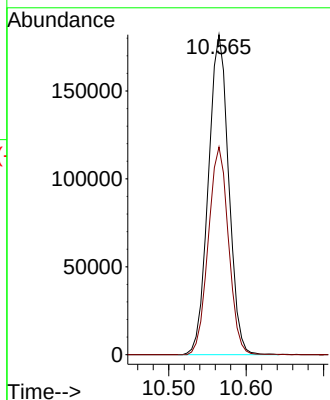
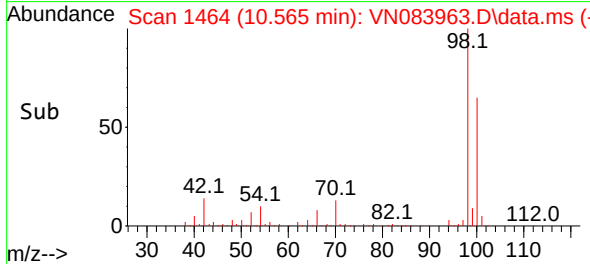
Instrument :
MSVOA_N
ClientSampleId :
FDF-1



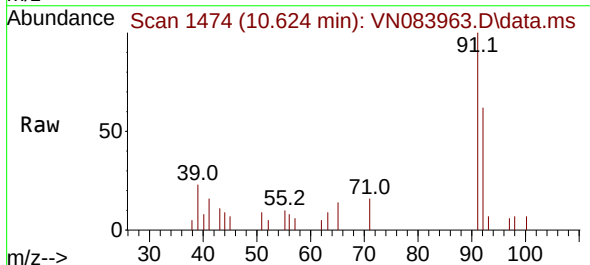
Tgt Ion: 98 Resp: 33248
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

Manual Integrations
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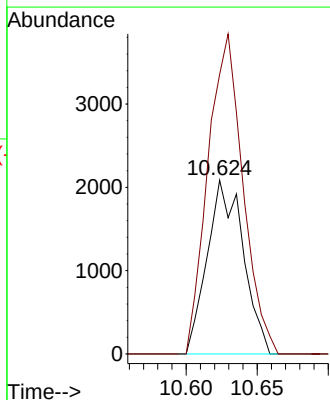
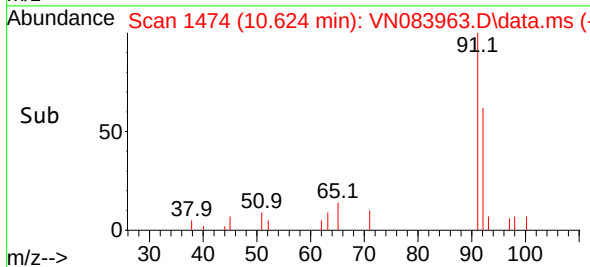
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

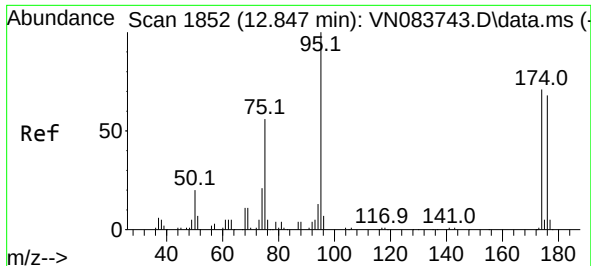


#52
Toluene
Concen: 0.760 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN083963.D
Acq: 18 Sep 2024 05:33



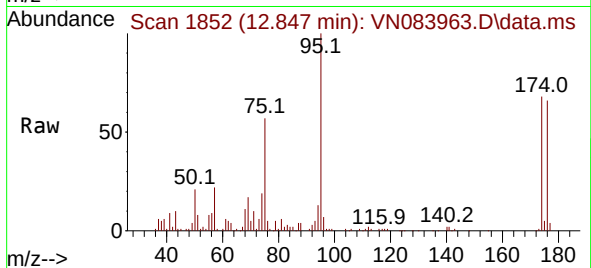
Tgt Ion: 92 Resp: 3665
Ion Ratio Lower Upper
92 100
91 179.7 134.7 202.1





#62
4-Bromofluorobenzene
Concen: 51.249 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083963.D
Acq: 18 Sep 2024 05:33

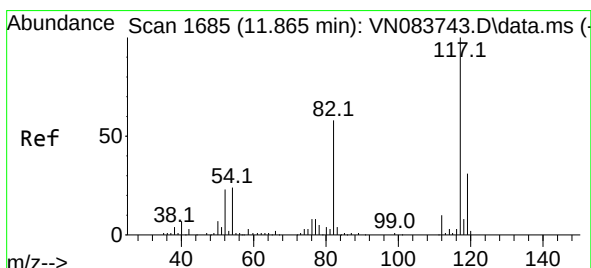
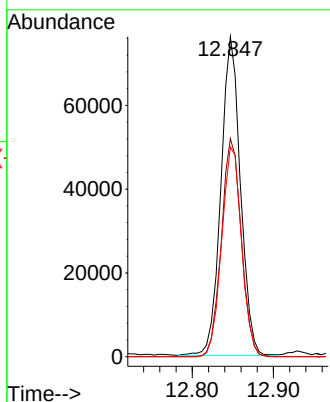
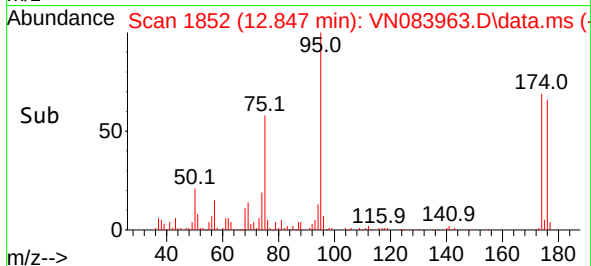
Instrument :
MSVOA_N
ClientSampleId :
FDF-1



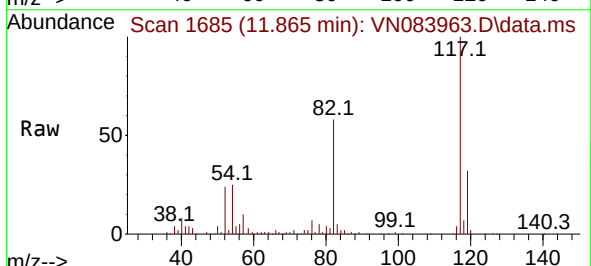
Tgt Ion: 95 Resp: 127254
Ion Ratio Lower Upper
95 100
174 69.4 0.0 139.8
176 67.0 0.0 131.4

Manual Integrations
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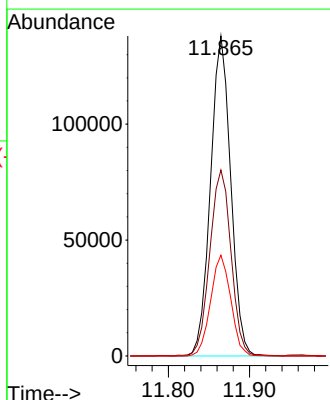
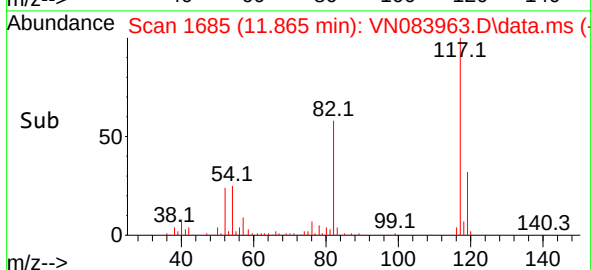
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

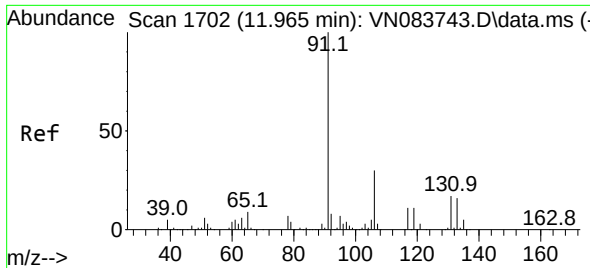


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083963.D
Acq: 18 Sep 2024 05:33



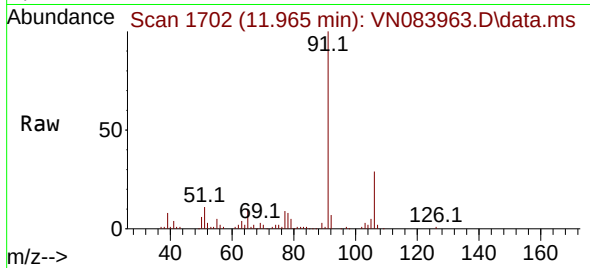
Tgt Ion:117 Resp: 238820
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.0
119 31.5 26.3 39.5





#67
Ethyl Benzene
Concen: 11.090 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN083963.D
Acq: 18 Sep 2024 05:33

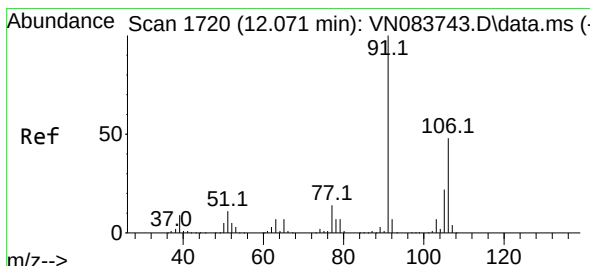
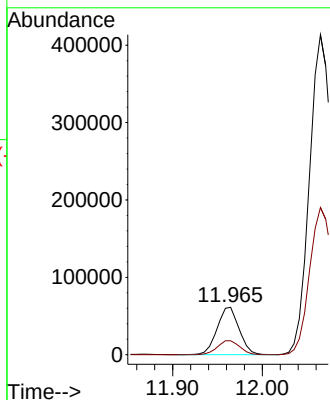
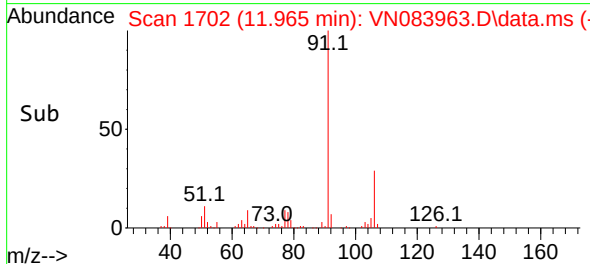
Instrument :
MSVOA_N
ClientSampleId :
FDF-1



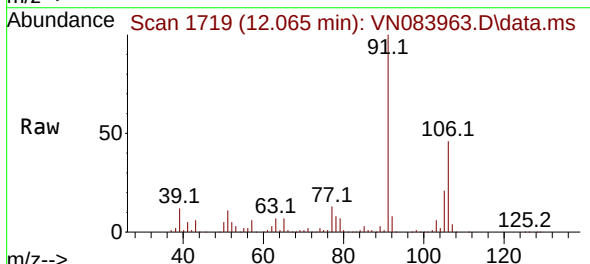
Tgt Ion: 91 Resp: 104572
Ion Ratio Lower Upper
91 100
106 29.4 24.3 36.5

Manual Integrations
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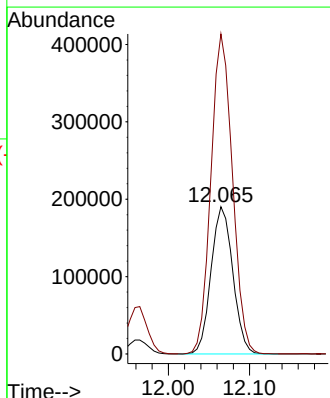
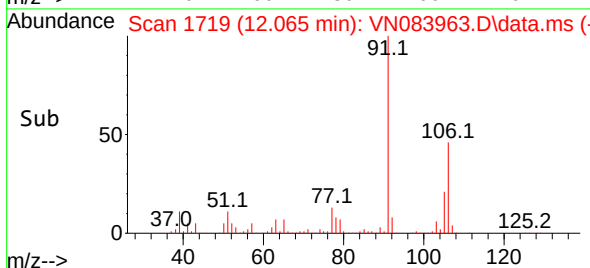
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

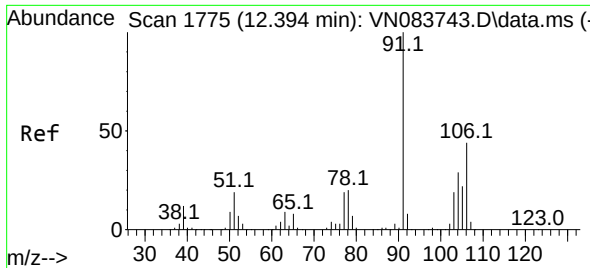


#68
m/p-Xylenes
Concen: 101.195 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083963.D
Acq: 18 Sep 2024 05:33



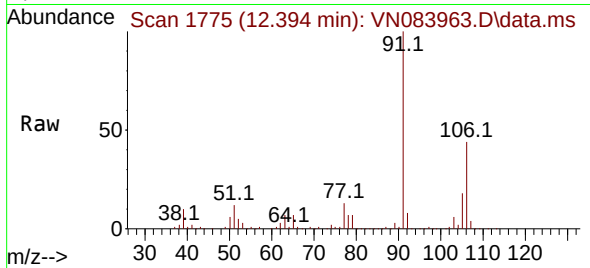
Tgt Ion:106 Resp: 354252
Ion Ratio Lower Upper
106 100
91 215.5 169.2 253.8





#69
o-Xylene
Concen: 61.005 ug/l
RT: 12.394 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083963.D
Acq: 18 Sep 2024 05:33

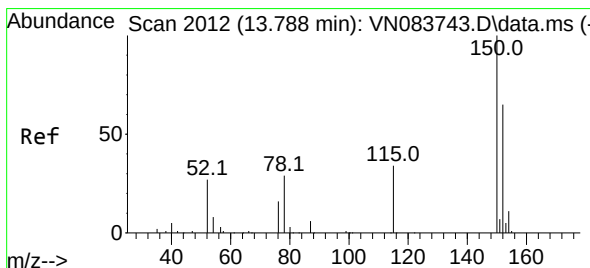
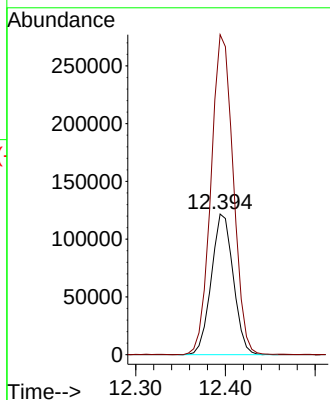
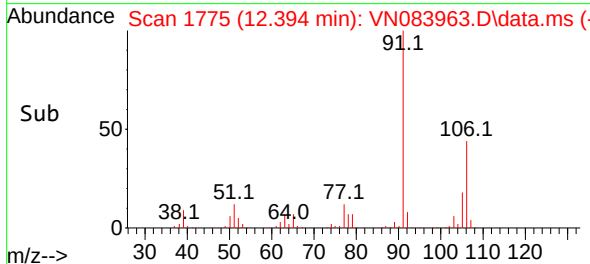
Instrument :
MSVOA_N
ClientSampleId :
FDF-1



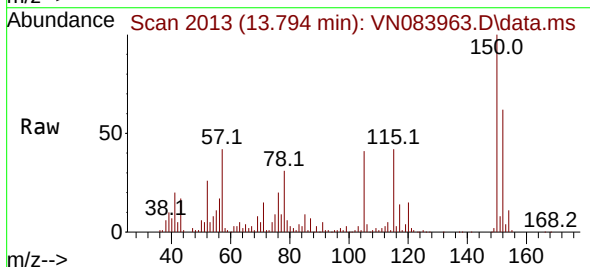
Tgt Ion:106 Resp: 206739
Ion Ratio Lower Upper
106 100
91 230.9 112.9 338.6

Manual Integrations
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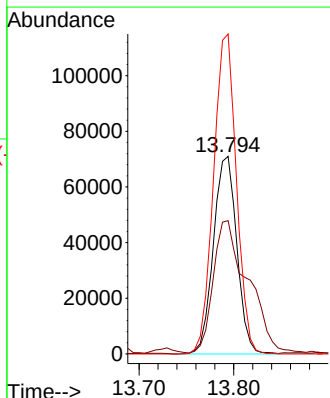
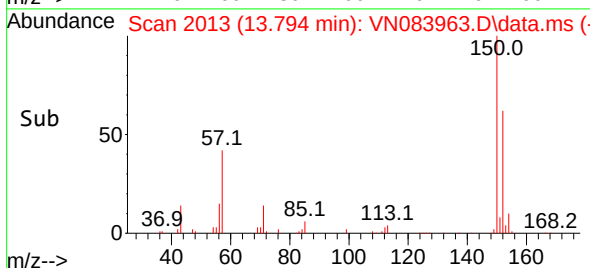
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

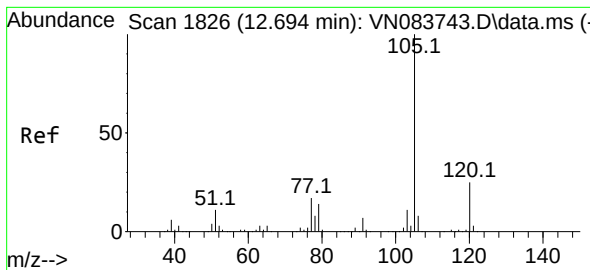


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083963.D
Acq: 18 Sep 2024 05:33



Tgt Ion:152 Resp: 122214
Ion Ratio Lower Upper
152 100
115 98.4 32.2 96.6#
150 158.0 0.0 348.6





#73

Isopropylbenzene

Concen: 23.492 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083963.D

Acq: 18 Sep 2024 05:33

Instrument :

MSVOA_N

ClientSampleId :

FDF-1

Tgt Ion:105 Resp: 22212

Ion Ratio Lower Upper

105 100

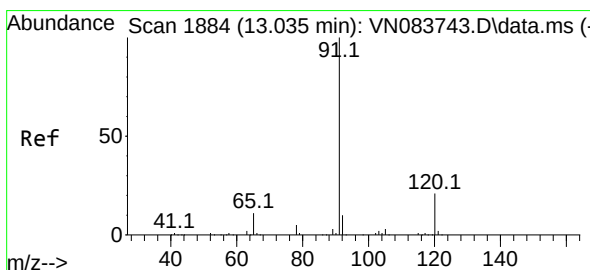
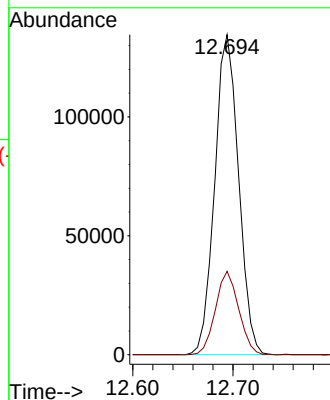
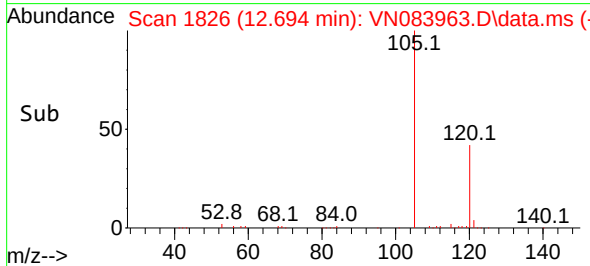
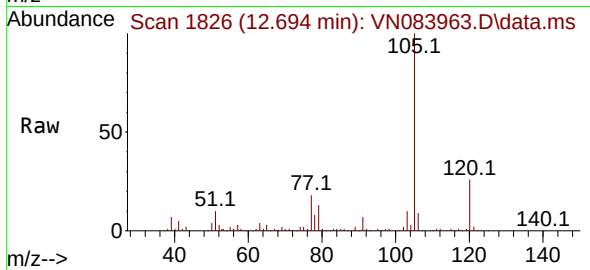
120 25.3 12.6 37.8

Manual Integrations

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Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#78

n-propylbenzene

Concen: 50.920 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083963.D

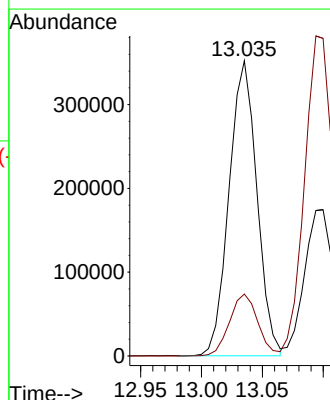
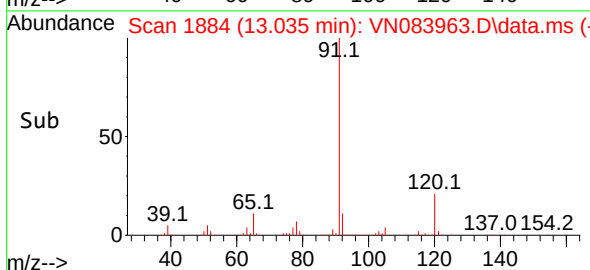
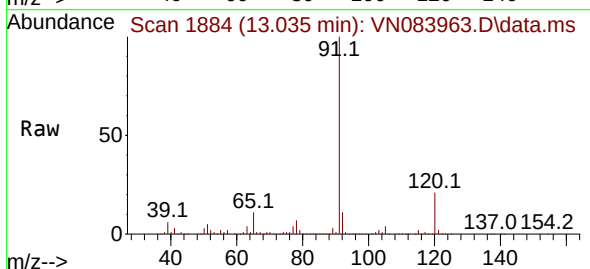
Acq: 18 Sep 2024 05:33

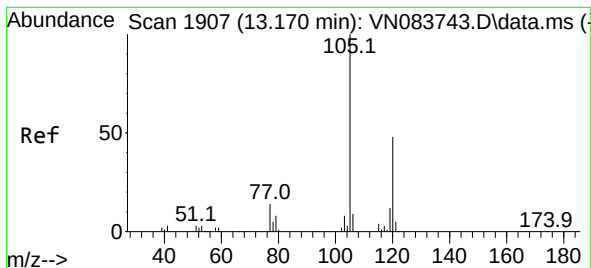
Tgt Ion: 91 Resp: 560181

Ion Ratio Lower Upper

91 100

120 21.4 11.0 33.0





#80

1,3,5-Trimethylbenzene

Concen: 134.274 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083963.D

Acq: 18 Sep 2024 05:33

Instrument :

MSVOA_N

ClientSampleId :

FDF-1

Tgt Ion:105 Resp: 1070392

Ion Ratio Lower Upper

105 100

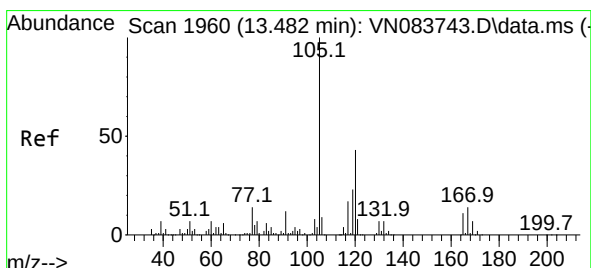
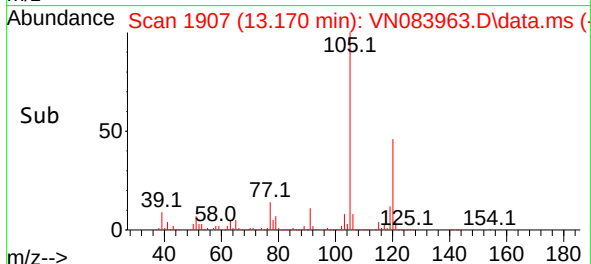
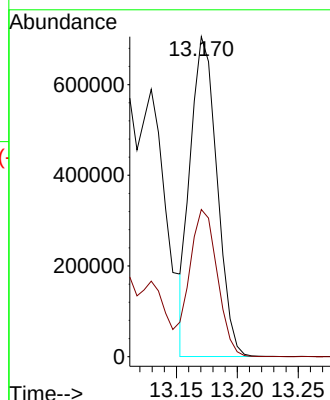
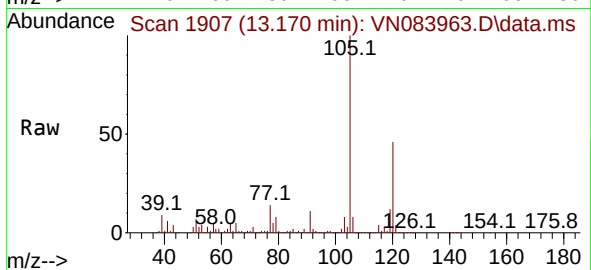
120 49.0 23.4 70.3

Manual Integrations

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Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#84

1,2,4-Trimethylbenzene

Concen: 508.361 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083963.D

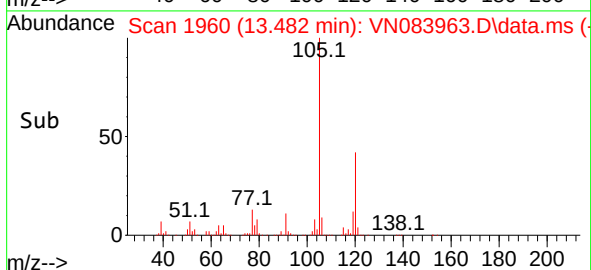
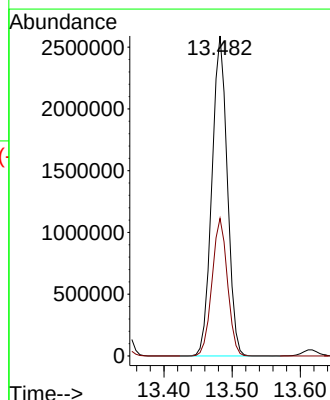
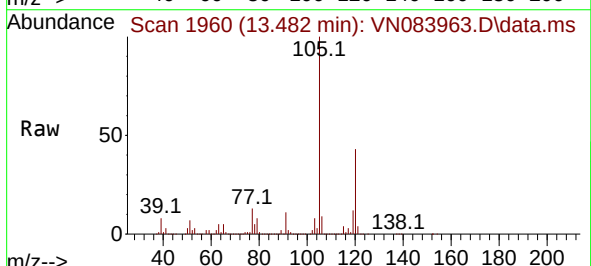
Acq: 18 Sep 2024 05:33

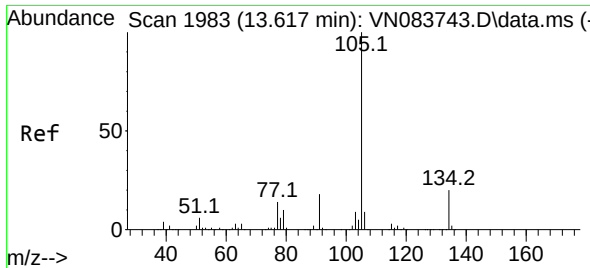
Tgt Ion:105 Resp: 4070766

Ion Ratio Lower Upper

105 100

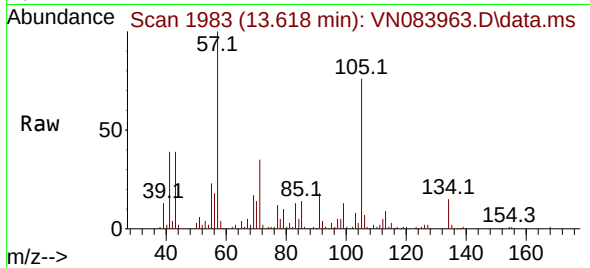
120 43.0 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 8.682 ug/l m
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083963.D
 Acq: 18 Sep 2024 05:33

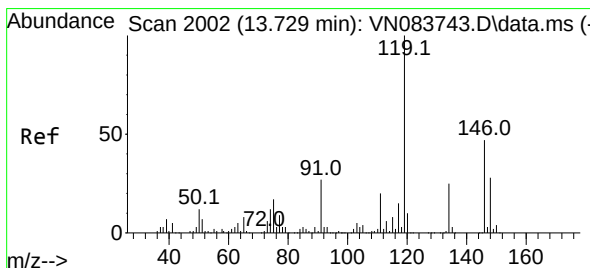
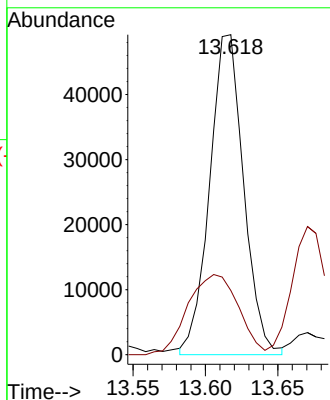
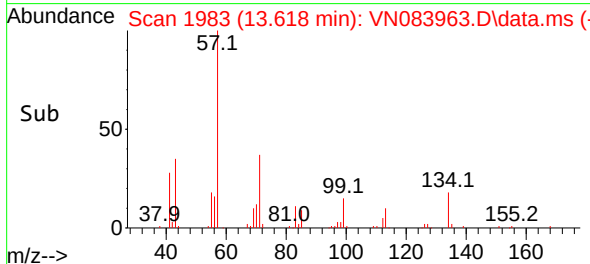
Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-1



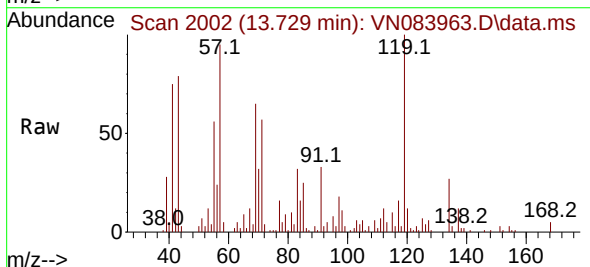
Tgt Ion:105 Resp: 80309
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#

Manual Integrations
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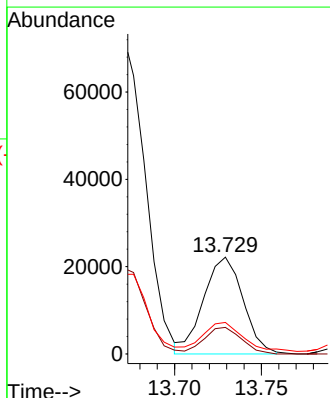
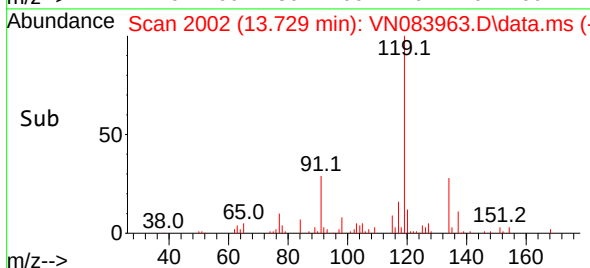
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024

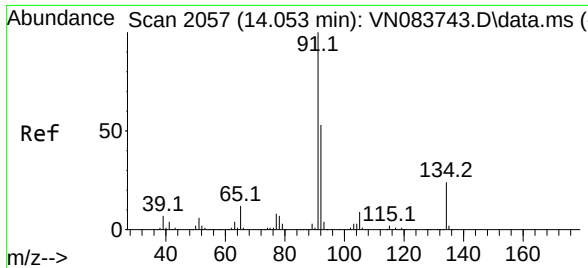


#86
 p-Isopropyltoluene
 Concen: 4.534 ug/l m
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083963.D
 Acq: 18 Sep 2024 05:33



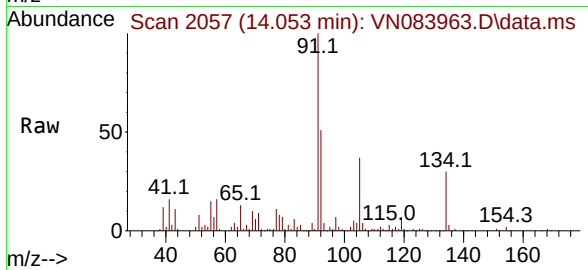
Tgt Ion:119 Resp: 35152
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.8 38.3#
 91 0.0 12.9 38.7#





#89
 n-Butylbenzene
 Concen: 23.817 ug/l m
 RT: 14.053 min Scan# 2057
 Delta R.T. 0.000 min
 Lab File: VN083963.D
 Acq: 18 Sep 2024 05:33

Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-1



Tgt Ion:	91	Resp:	165804
Ion Ratio	Lower	Upper	
91	100		
92	0.0	26.7	80.1
134	0.0	12.2	36.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024

