

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083964.D
 Acq On : 18 Sep 2024 05:57
 Operator : JC\MD
 Sample : P3964-03
 Misc : 8.12g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-3

Manual Integrations
 APPROVED

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

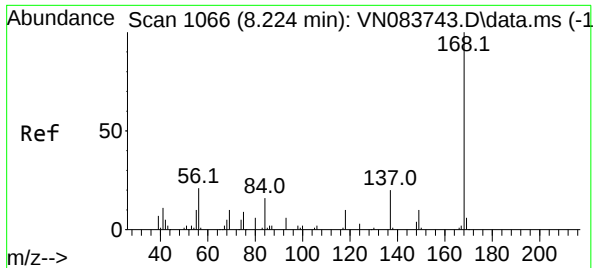
Quant Time: Sep 18 06:17:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	178708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	298174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128916	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127668	47.378	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.760%		
35) Dibromofluoromethane	8.165	113	89814	47.051	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.100%		
50) Toluene-d8	10.565	98	372324	56.421	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	112.840%		
62) 4-Bromofluorobenzene	12.847	95	150278	55.196	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	110.400%		
Target Compounds						
					Qvalue	
40) Benzene	8.600	78	16691	1.930	ug/l	100
52) Toluene	10.629	92	71560	13.528	ug/l	100
67) Ethyl Benzene	11.965	91	1128254	109.497	ug/l	100
68) m/p-Xylenes	12.070	106	4904533	1282.071	ug/l	100
69) o-Xylene	12.400	106	1794216	484.486	ug/l	100
73) Isopropylbenzene	12.694	105	1188911	119.204	ug/l	99
78) n-propylbenzene	13.035	91	2103008	181.222	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	4930418	586.338	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	15644144	1852.090	ug/l	94
85) sec-Butylbenzene	13.617	105	274631m	28.148	ug/l	
86) p-Isopropyltoluene	13.729	119	130434m	15.948	ug/l	
89) n-Butylbenzene	14.053	91	411551	56.045	ug/l	# 68

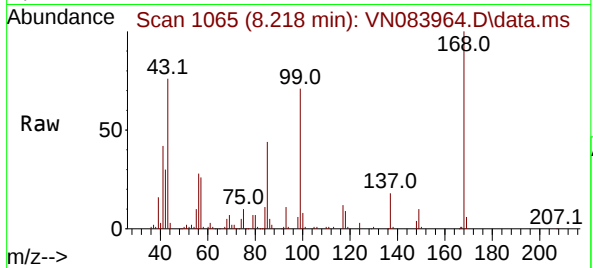
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

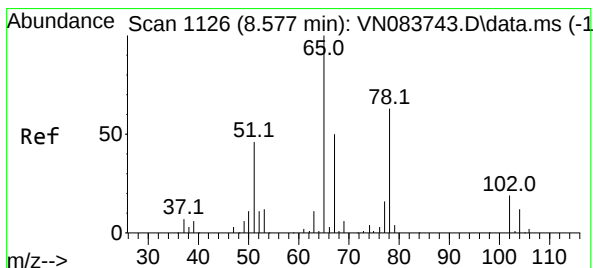
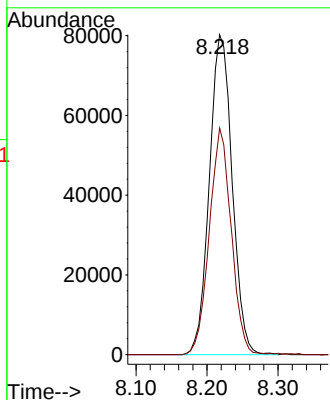
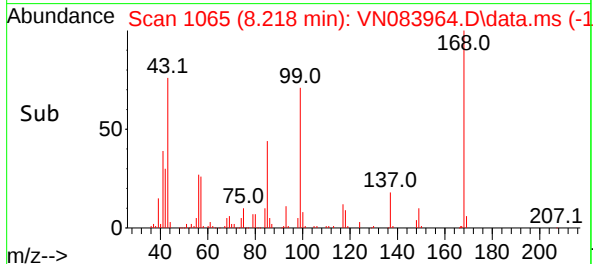
Instrument :
MSVOA_N
ClientSampleId :
FDF-3



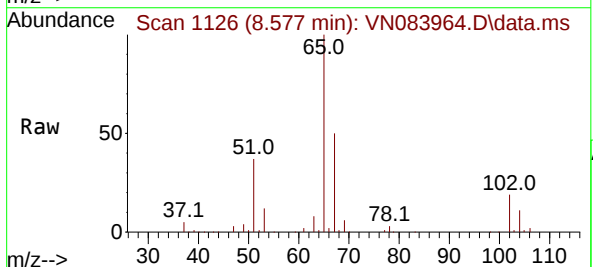
Tgt Ion:168 Resp: 178708
Ion Ratio Lower Upper
168 100
99 70.9 54.2 81.2

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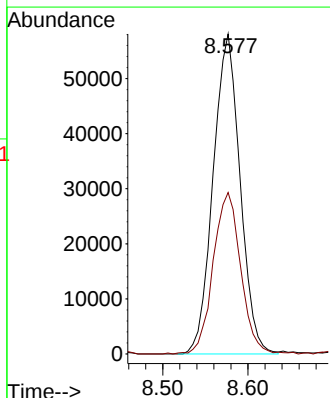
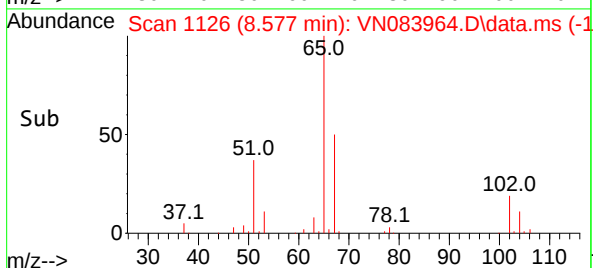
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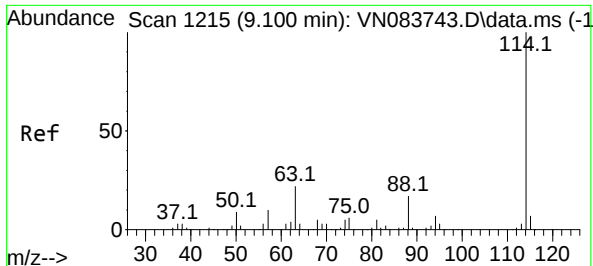


#33
1,2-Dichloroethane-d4
Concen: 47.378 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57



Tgt Ion: 65 Resp: 127668
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN083964.D

Acq: 18 Sep 2024 05:57

Instrument :

MSVOA_N

ClientSampleId :

FDF-3

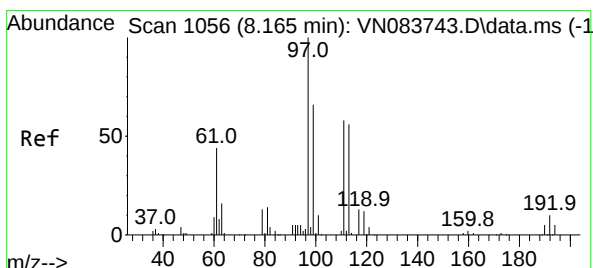
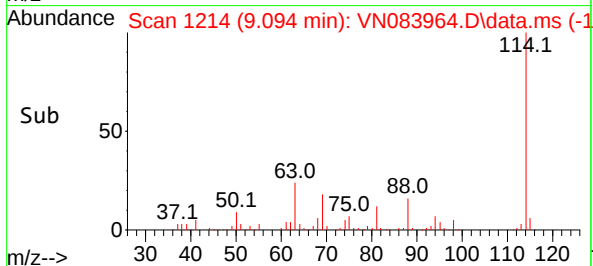
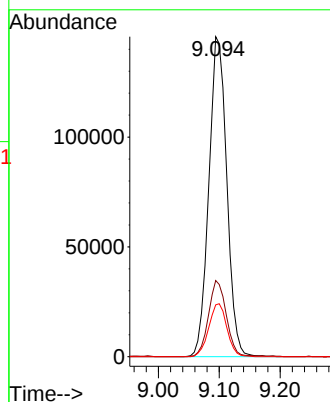
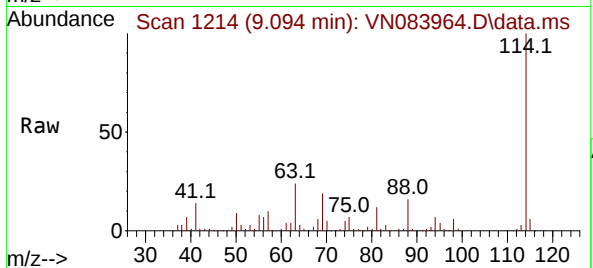
Tgt Ion:114	Resp:	298174
Ion Ratio	Lower	Upper
114	100	
63	23.8	0.0 43.4
88	16.2	0.0 32.6

Manual Integrations

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#35

Dibromofluoromethane

Concen: 47.051 ug/l

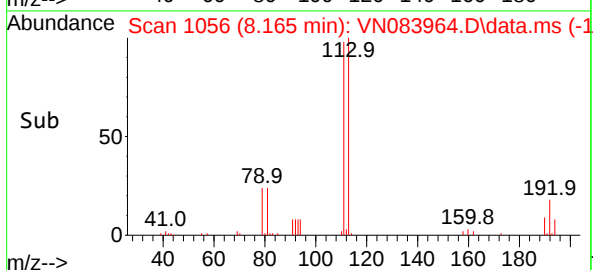
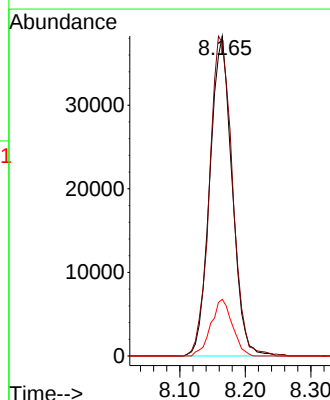
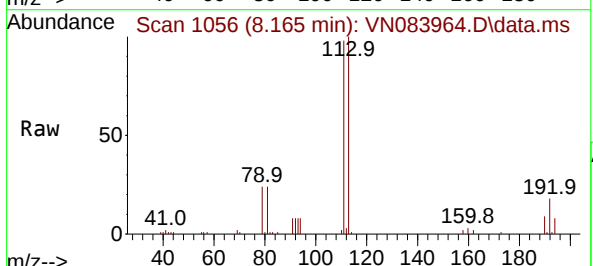
RT: 8.165 min Scan# 1056

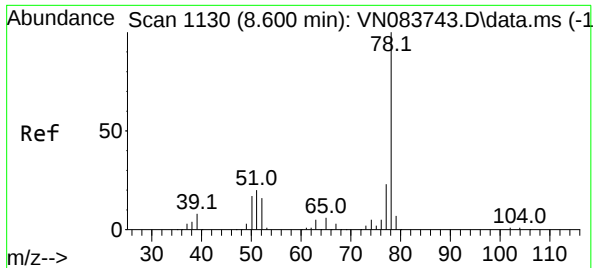
Delta R.T. -0.000 min

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Tgt Ion:113	Resp:	89814
Ion Ratio	Lower	Upper
113	100	
111	103.3	82.6 124.0
192	17.1	14.3 21.5





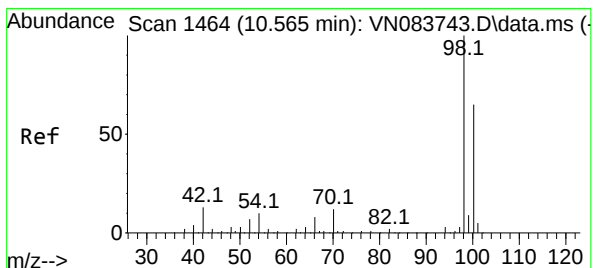
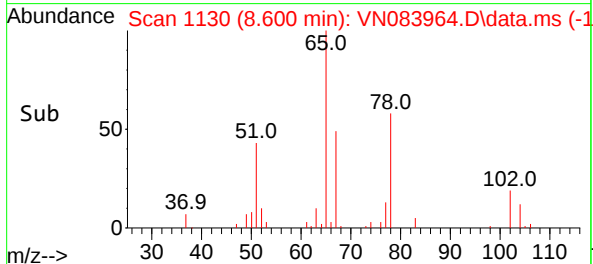
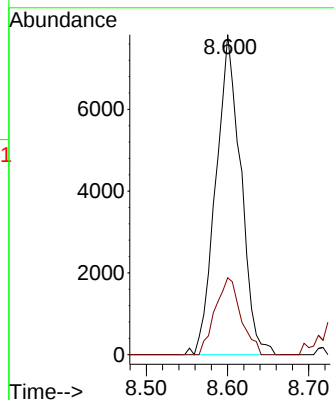
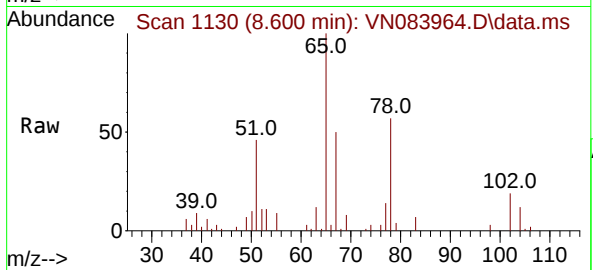
#40
Benzene
Concen: 1.930 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Instrument :
MSVOA_N
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Tgt Ion: 78 Resp: 1669
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6

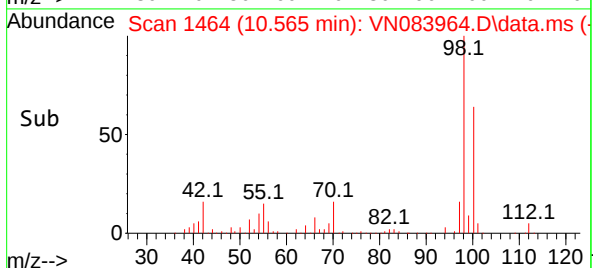
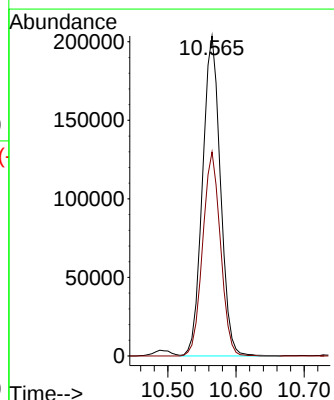
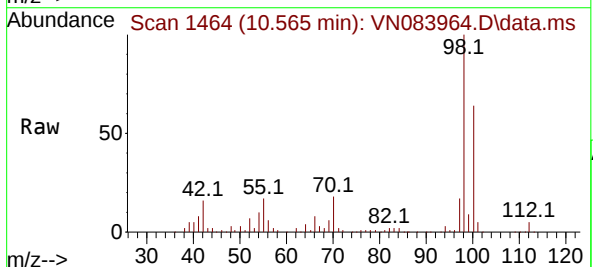
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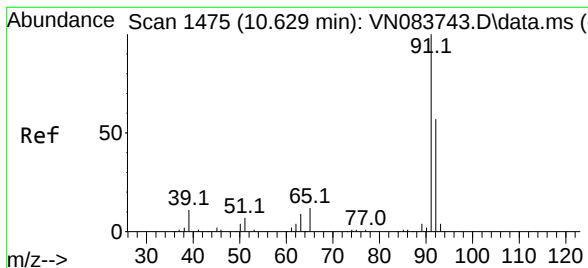
Reviewed By :John Carlone 09/18/2024
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#50
Toluene-d8
Concen: 56.421 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

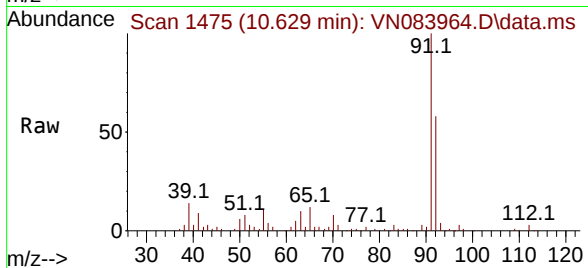
Tgt Ion: 98 Resp: 372324
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0





#52
Toluene
Concen: 13.528 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

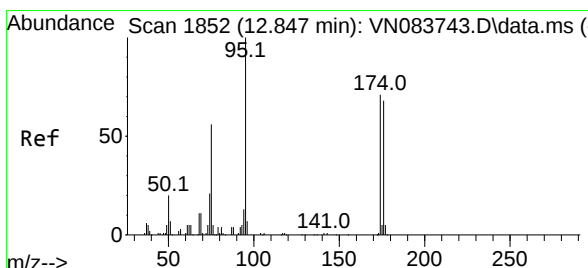
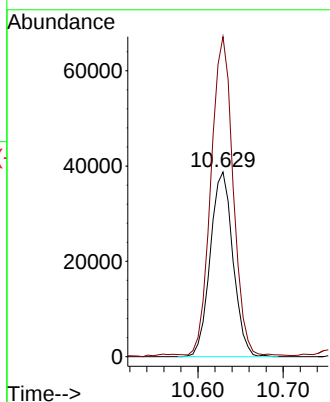
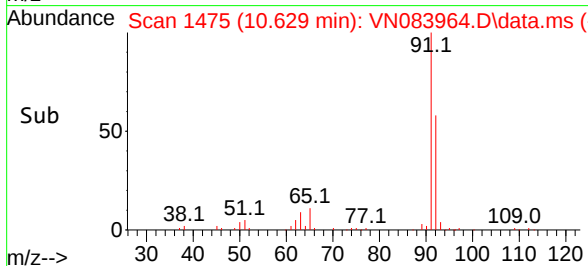
Instrument :
MSVOA_N
ClientSampleId :
FDF-3



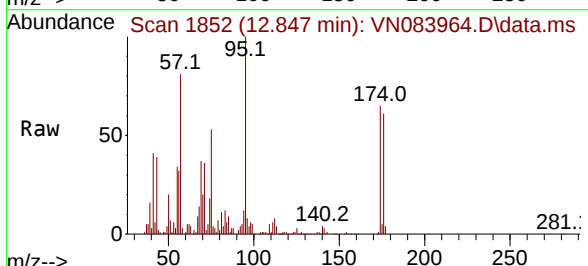
Tgt Ion: 92 Resp: 71560
Ion Ratio Lower Upper
92 100
91 168.4 134.7 202.1

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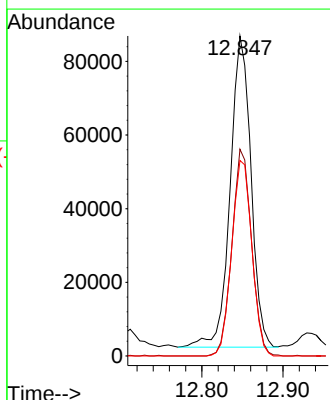
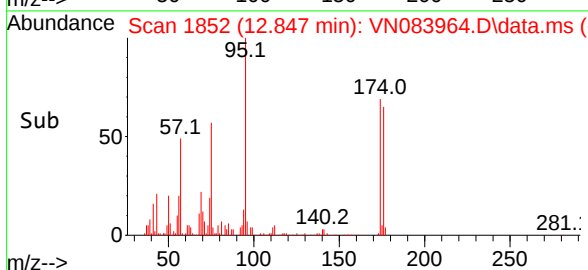
Reviewed By :John Carlone 09/18/2024
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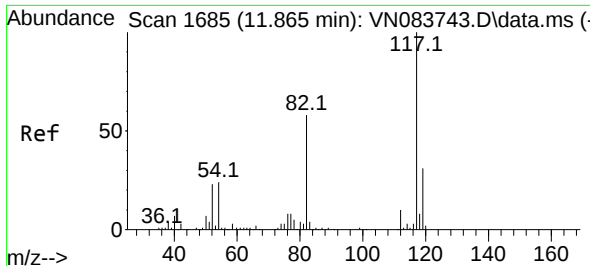


#62
4-Bromofluorobenzene
Concen: 55.196 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57



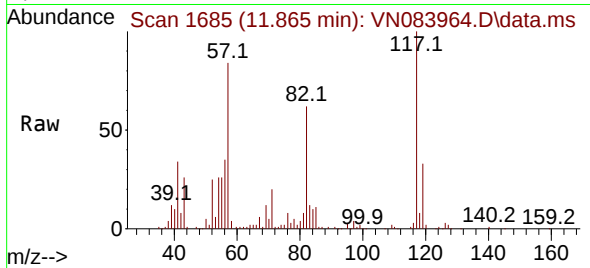
Tgt Ion: 95 Resp: 150278
Ion Ratio Lower Upper
95 100
174 62.8 0.0 139.8
176 60.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

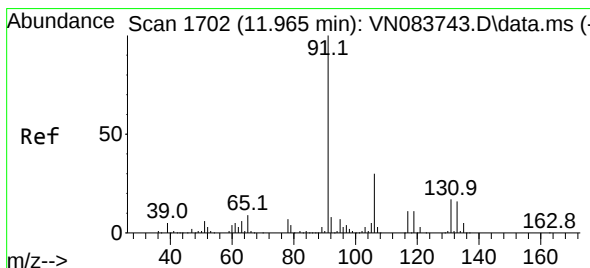
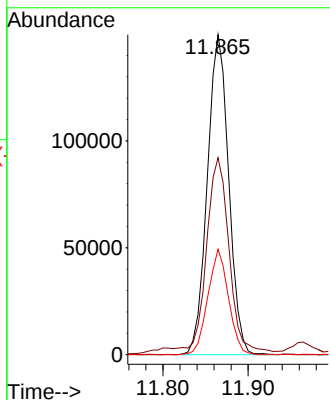
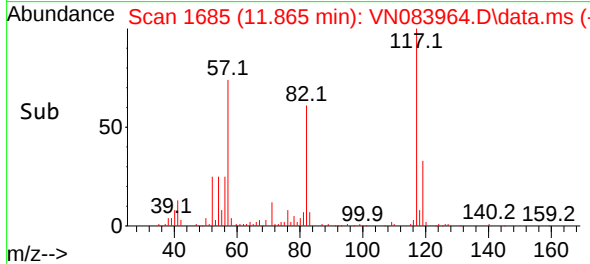
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 260978
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.0
119 33.0 26.3 39.5

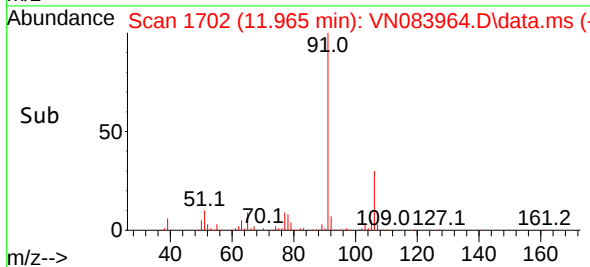
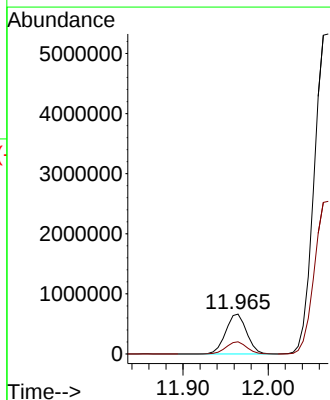
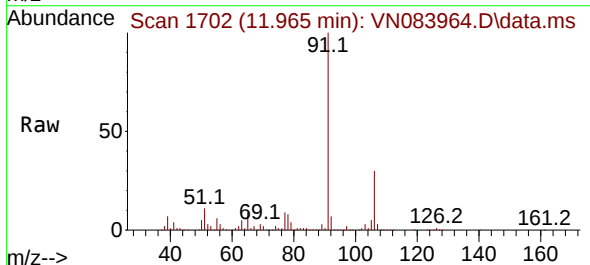
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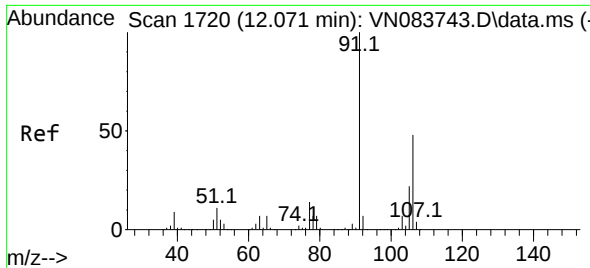
Reviewed By :John Carlone 09/18/2024
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#67
Ethyl Benzene
Concen: 109.497 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

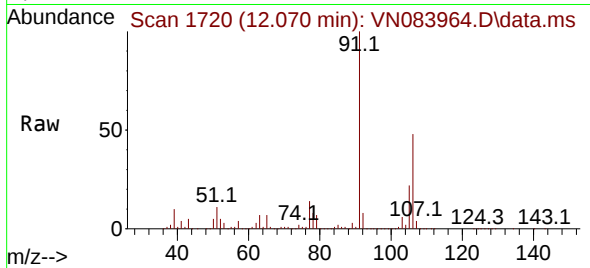
Tgt Ion: 91 Resp: 1128254
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5





#68
m/p-Xylenes
Concen: 1282.071 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

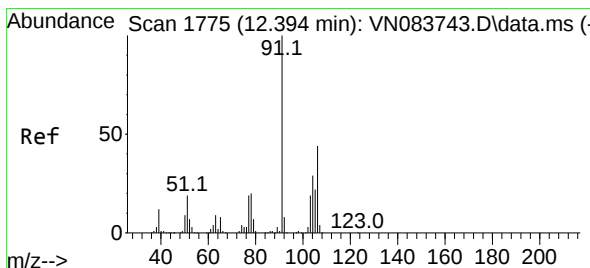
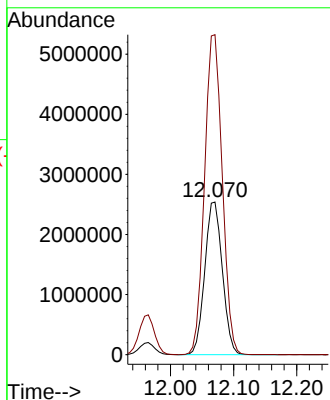
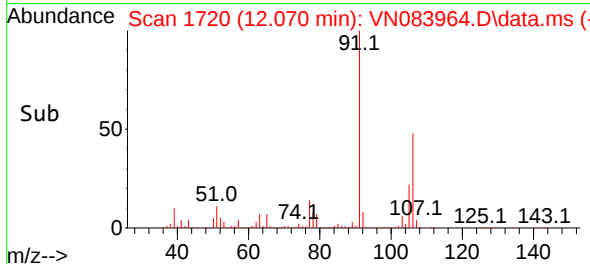
Instrument :
MSVOA_N
ClientSampleId :
FDF-3



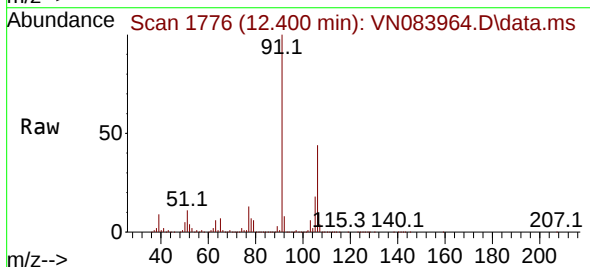
Tgt Ion:106 Resp: 490453
Ion Ratio Lower Upper
106 100
91 211.1 169.2 253.8

Manual Integrations
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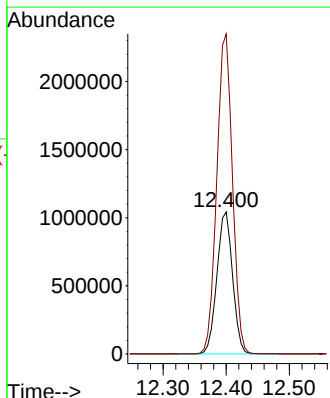
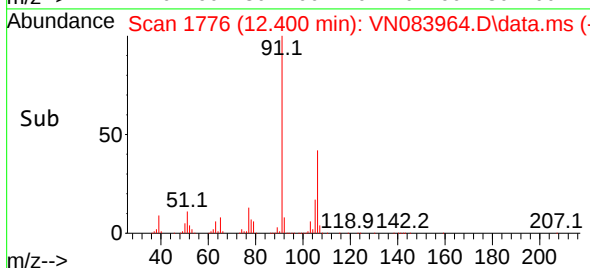
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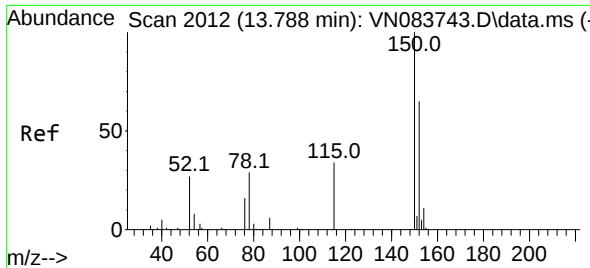


#69
o-Xylene
Concen: 484.486 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57



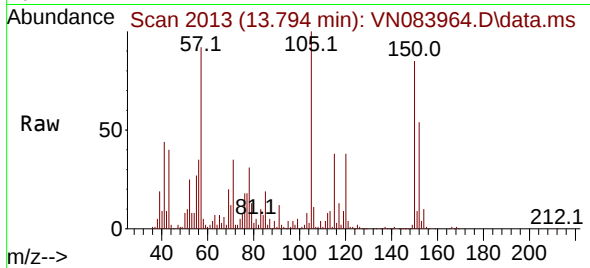
Tgt Ion:106 Resp: 1794216
Ion Ratio Lower Upper
106 100
91 225.5 112.9 338.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

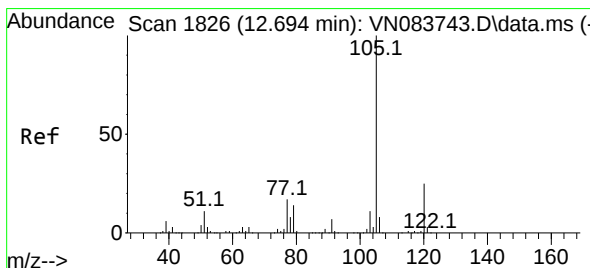
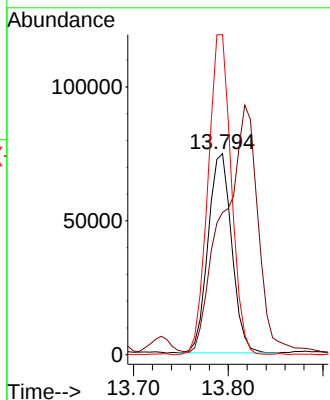
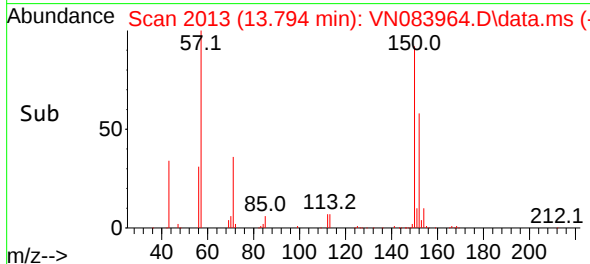
Instrument :
MSVOA_N
ClientSampleId :
FDF-3



Tgt Ion:152 Resp: 128910
Ion Ratio Lower Upper
152 100
115 0.0 32.2 96.6
150 158.4 0.0 348.6

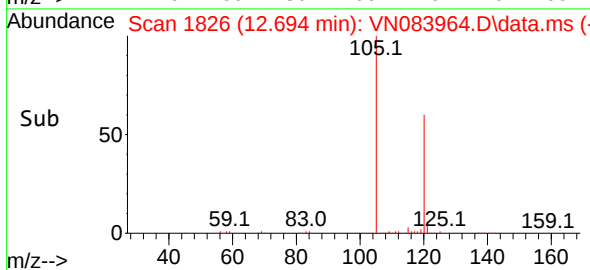
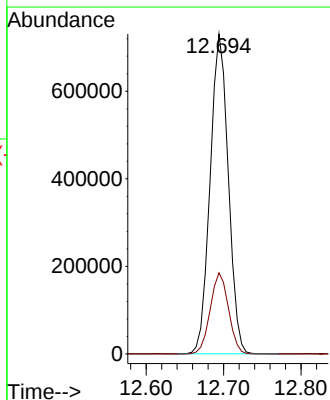
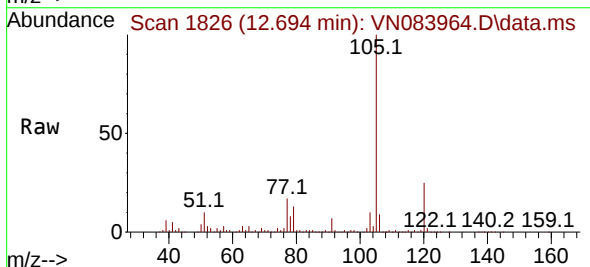
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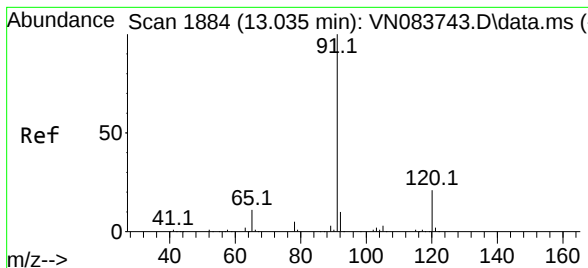
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#73
Isopropylbenzene
Concen: 119.204 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

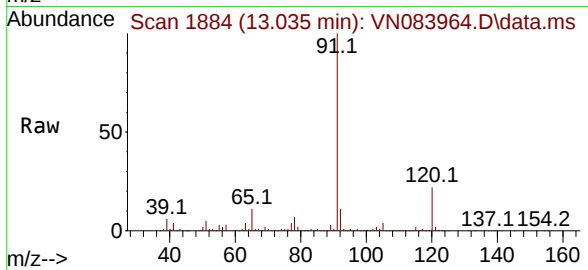
Tgt Ion:105 Resp: 1188911
Ion Ratio Lower Upper
105 100
120 25.5 12.6 37.8





#78
n-propylbenzene
Concen: 181.222 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

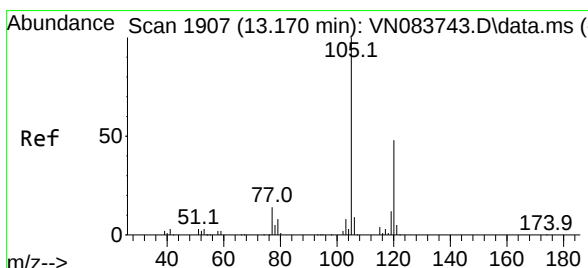
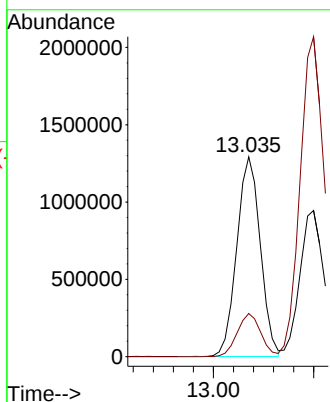
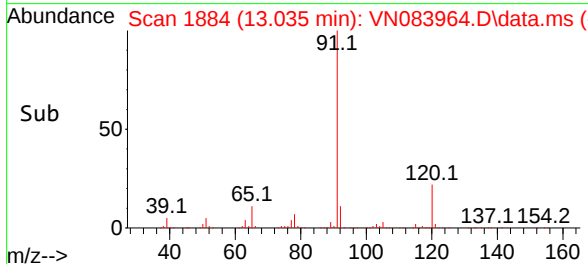
Instrument :
MSVOA_N
ClientSampleId :
FDF-3



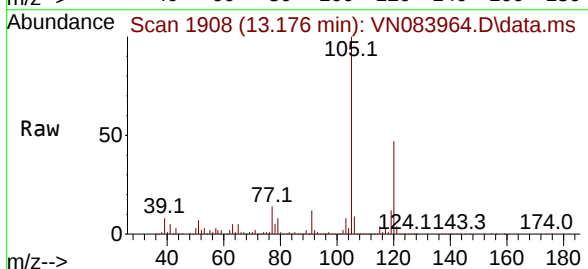
Tgt Ion: 91 Resp: 2103008
Ion Ratio Lower Upper
91 100
120 21.9 11.0 33.0

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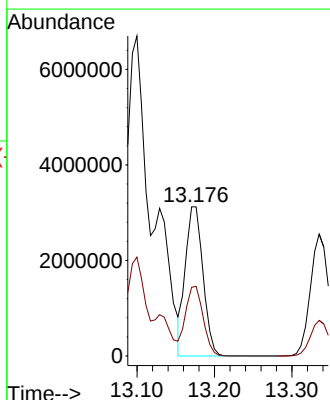
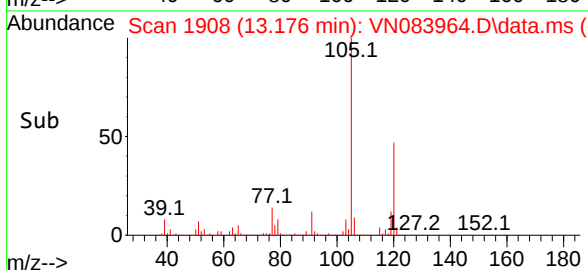
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

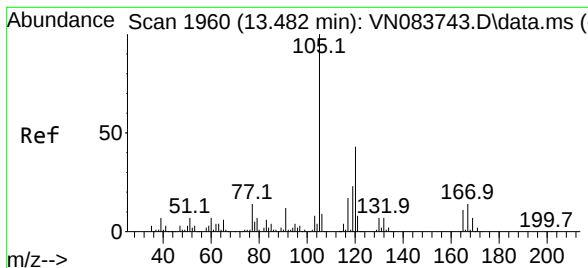


#80
1,3,5-Trimethylbenzene
Concen: 586.338 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57



Tgt Ion:105 Resp: 4930418
Ion Ratio Lower Upper
105 100
120 46.6 23.4 70.3





#84

1,2,4-Trimethylbenzene

Concen: 1852.090 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN083964.D

Acq: 18 Sep 2024 05:57

Instrument :

MSVOA_N

ClientSampleId :

FDF-3

Tgt Ion:105 Resp:1564414

Ion Ratio Lower Upper

105 100

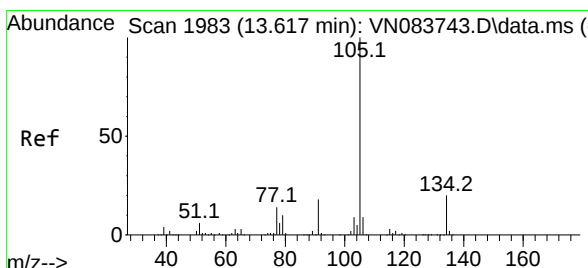
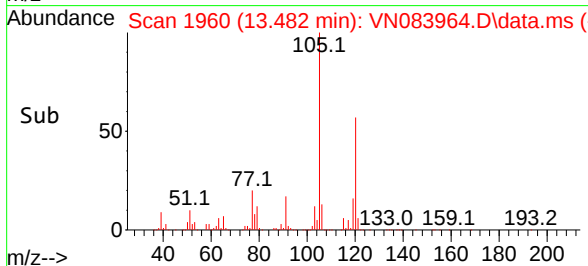
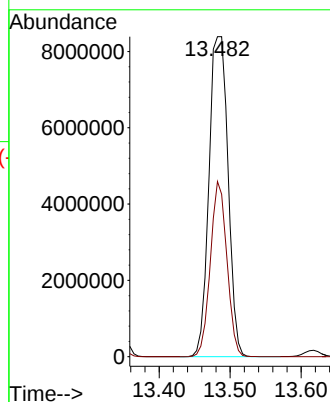
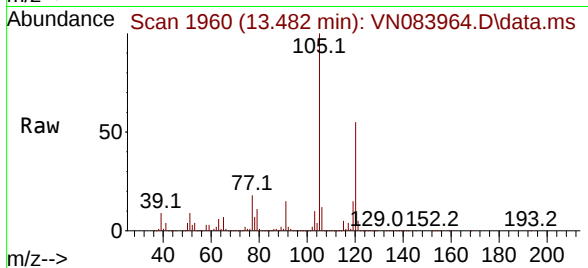
120 47.4 21.8 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#85

sec-Butylbenzene

Concen: 28.148 ug/l m

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN083964.D

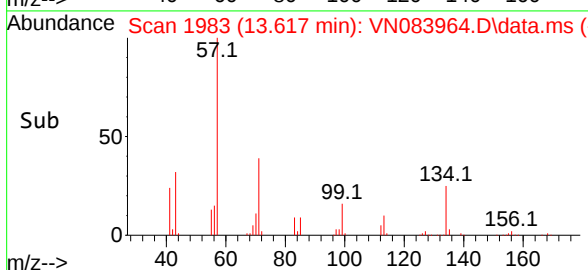
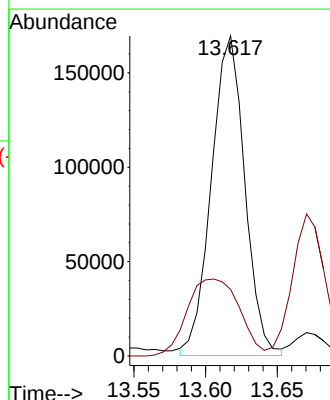
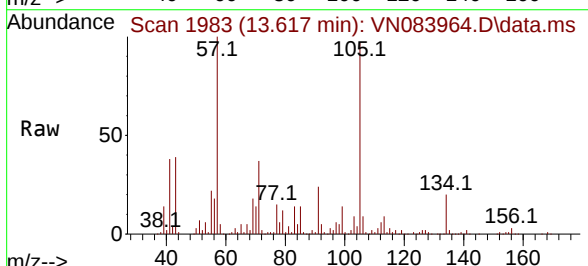
Acq: 18 Sep 2024 05:57

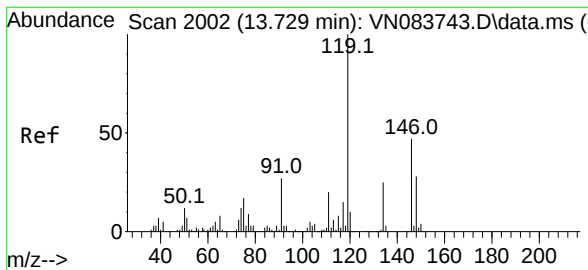
Tgt Ion:105 Resp: 274631

Ion Ratio Lower Upper

105 100

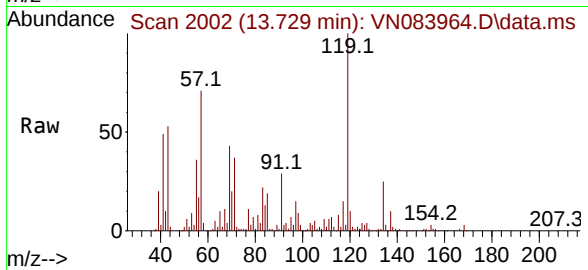
134 0.0 9.7 29.1#





#86
p-Isopropyltoluene
Concen: 15.948 ug/l m
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

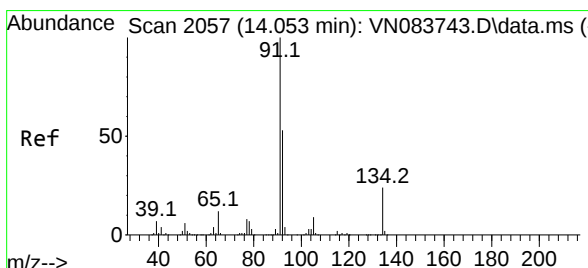
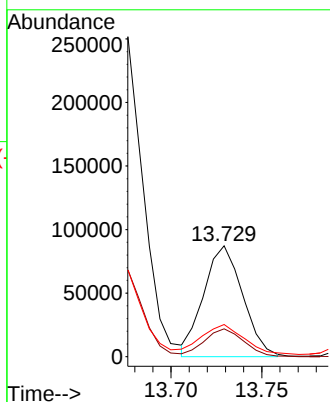
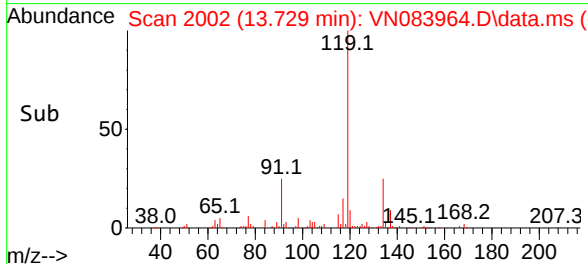
Instrument :
MSVOA_N
ClientSampleId :
FDF-3



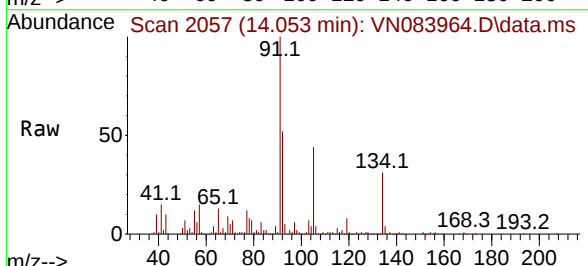
Tgt Ion:119 Resp: 130434
Ion Ratio Lower Upper
119 100
134 91.4 12.8 38.3
91 79.6 12.9 38.7

Manual Integrations
APPROVED

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



#89
n-Butylbenzene
Concen: 56.045 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57



Tgt Ion: 91 Resp: 411551
Ion Ratio Lower Upper
91 100
92 70.6 26.7 80.1
134 0.0 12.2 36.4

