

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083972.D
 Acq On : 18 Sep 2024 09:08
 Operator : JC\MD
 Sample : P3964-02
 Misc : 11.34g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-2

Quant Time: Sep 18 09:27:16 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	196821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	336538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	157412	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	141878	47.806	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.620%		
35) Dibromofluoromethane	8.165	113	100828	46.799	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.600%		
50) Toluene-d8	10.565	98	421039	56.529	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	113.060%#		
62) 4-Bromofluorobenzene	12.853	95	179655	58.464	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	116.920%		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.600	83	216735	58.718	ug/l #	82
40) Benzene	8.600	78	65703	6.732	ug/l	100
52) Toluene	10.629	92	951122	159.313	ug/l	98
67) Ethyl Benzene	11.965	91	7590336	658.390	ug/l	100
68) m/p-Xylenes	12.065	106	20157648	4709.554	ug/l #	1
69) o-Xylene	12.400	106	10985818	2651.334	ug/l	70
73) Isopropylbenzene	12.694	105	5568280	457.227	ug/l	99
78) n-propylbenzene	13.035	91	9477191	668.835	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	14459562	1408.279	ug/l	89
84) 1,2,4-Trimethylbenzene	13.476	105	24117707m	2338.381	ug/l	
85) sec-Butylbenzene	13.617	105	692084	58.093	ug/l #	59
86) p-Isopropyltoluene	13.729	119	319821m	32.025	ug/l	
89) n-Butylbenzene	14.053	91	942768	105.144	ug/l #	74

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

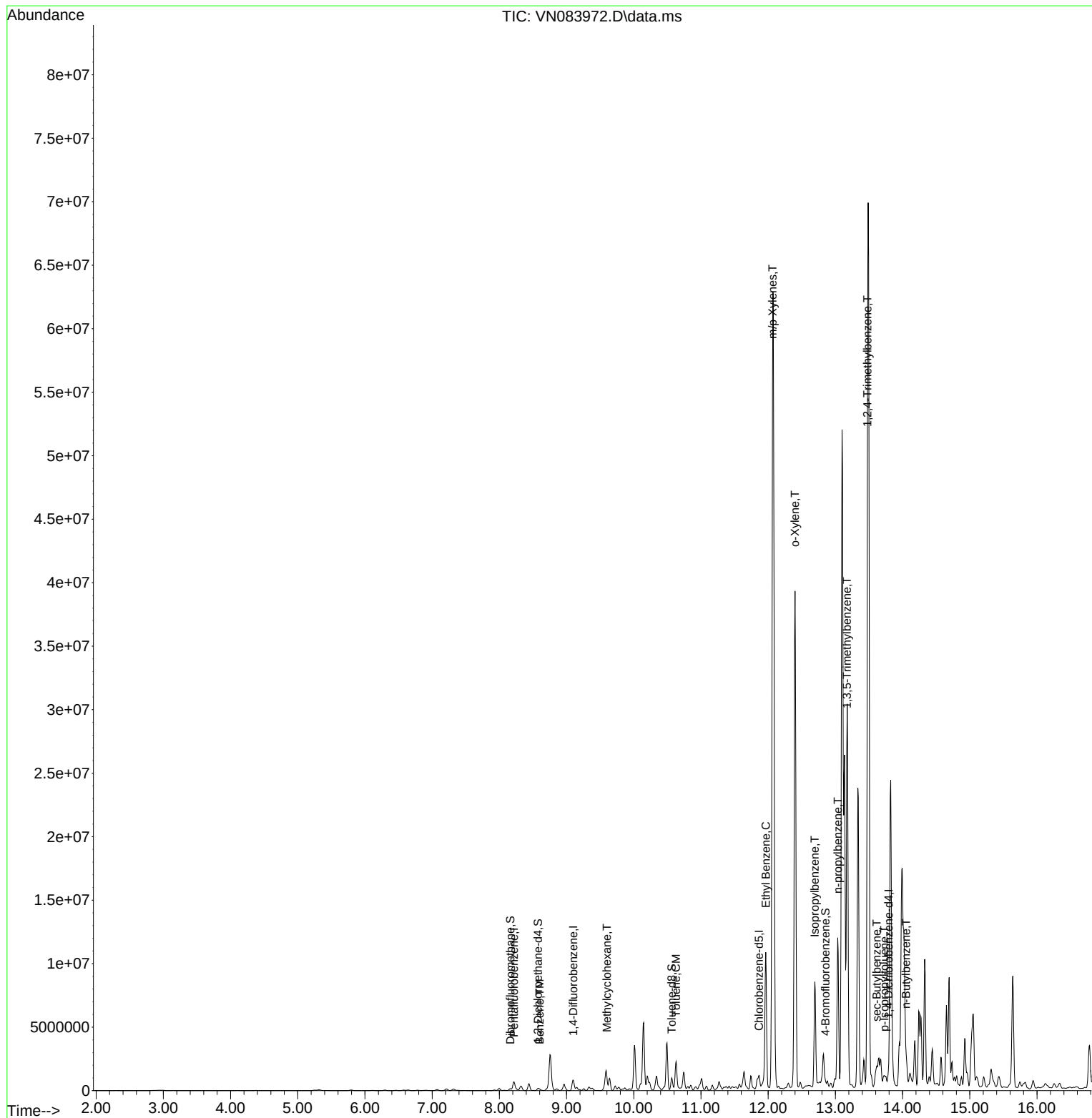
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083972.D
Acq On : 18 Sep 2024 09:08
Operator : JC\MD
Sample : P3964-02
Misc : 11.34g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 48 Sample Multiplier: 1

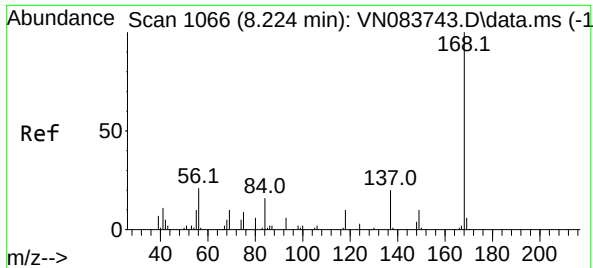
Instrument :
MSVOA_N
ClientSampleId :
FDF-2

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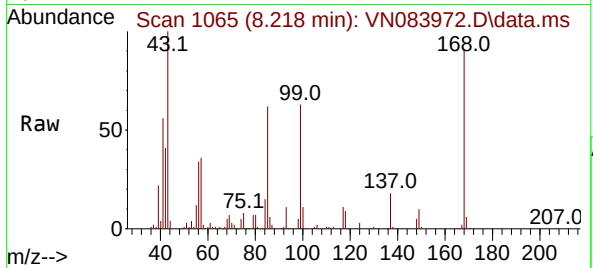
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

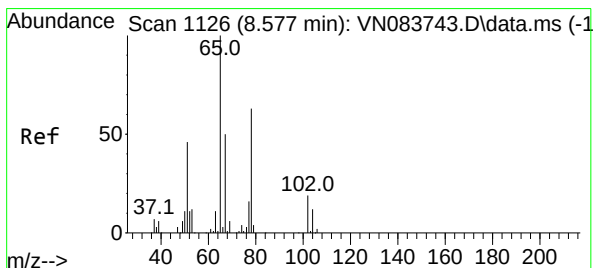
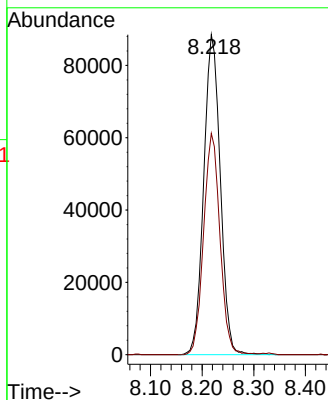
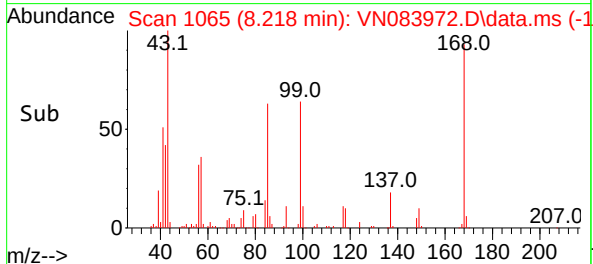
Instrument :
MSVOA_N
ClientSampleId :
FDF-2



Tgt Ion:168 Resp: 19682
Ion Ratio Lower Upper
168 100
99 69.2 54.2 81.2

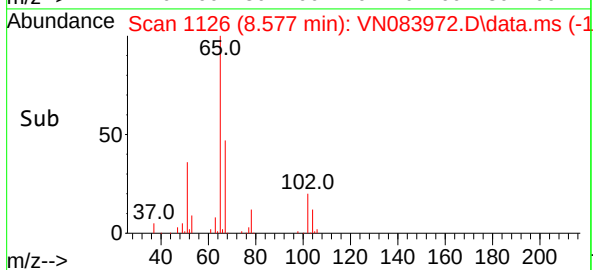
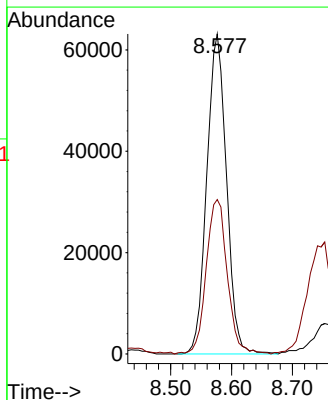
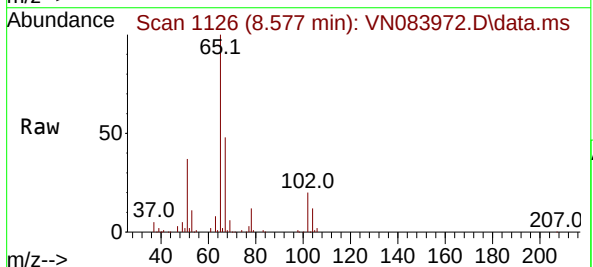
Manual Integrations
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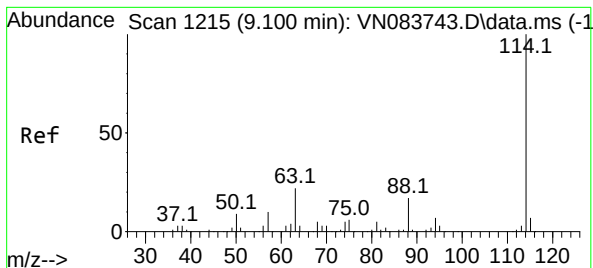
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#33
1,2-Dichloroethane-d4
Concen: 47.806 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

Tgt Ion: 65 Resp: 141878
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

Instrument :

MSVOA_N

ClientSampleId :

FDF-2

Tgt Ion:114 Resp: 336538

Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.4

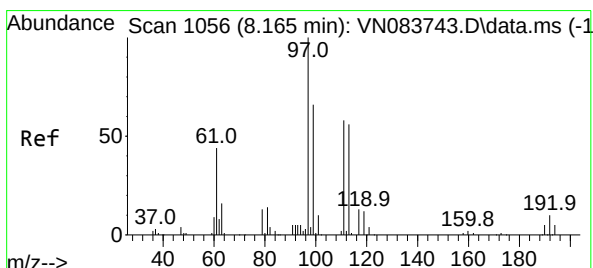
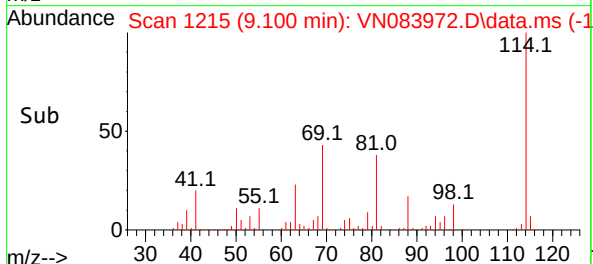
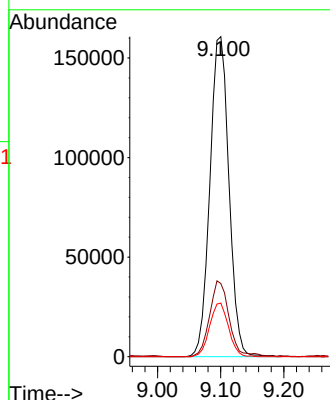
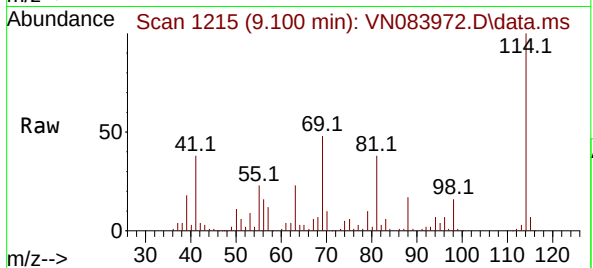
88 16.8 0.0 32.6

Manual Integrations

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#35

Dibromofluoromethane

Concen: 46.799 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

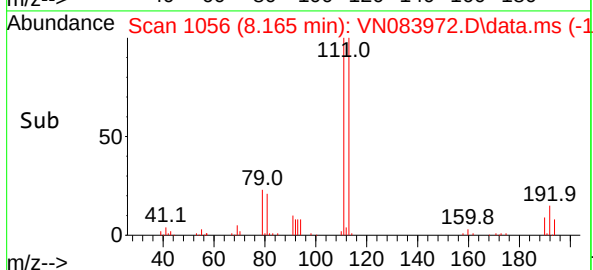
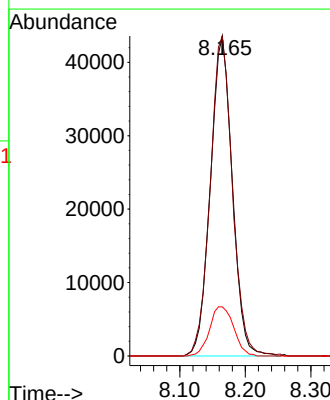
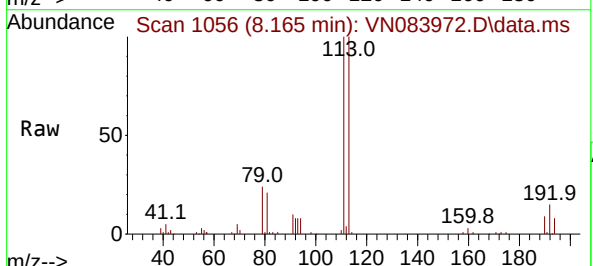
Tgt Ion:113 Resp: 100828

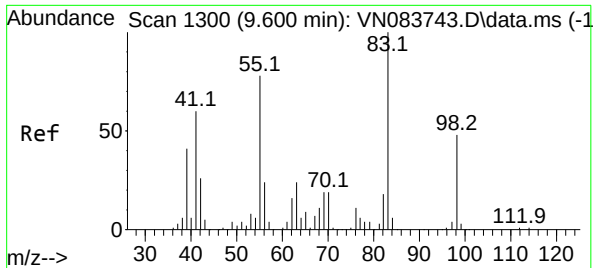
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

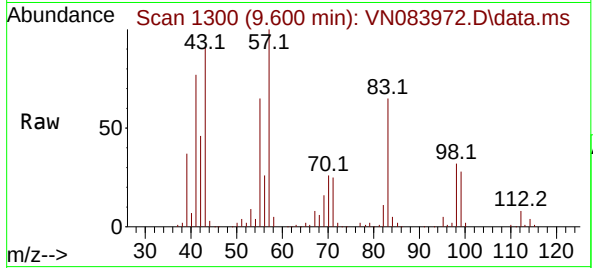
192 17.0 14.3 21.5





#39
Methylcyclohexane
Concen: 58.718 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

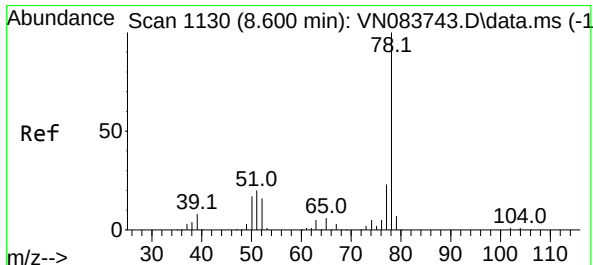
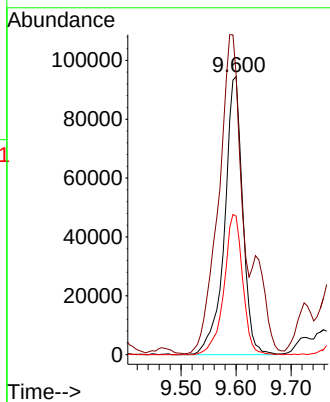
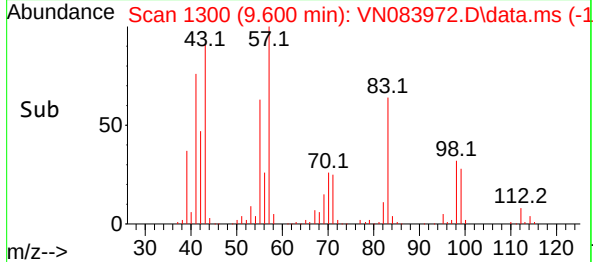
Instrument :
MSVOA_N
ClientSampleId :
FDF-2



Tgt Ion: 83 Resp: 21673
Ion Ratio Lower Upper
83 100
55 100.2 62.2 93.4
98 49.8 37.6 56.4

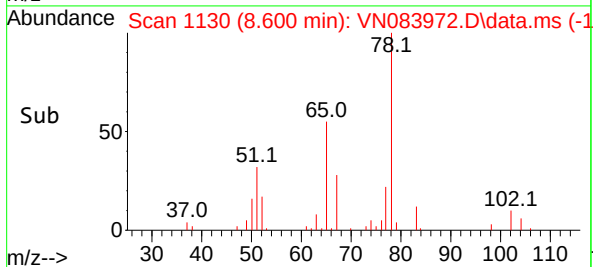
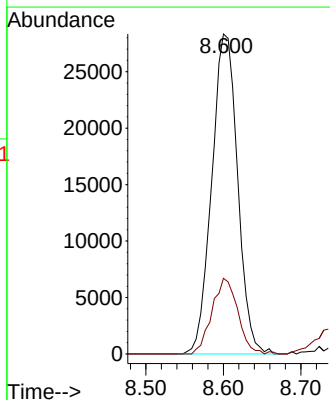
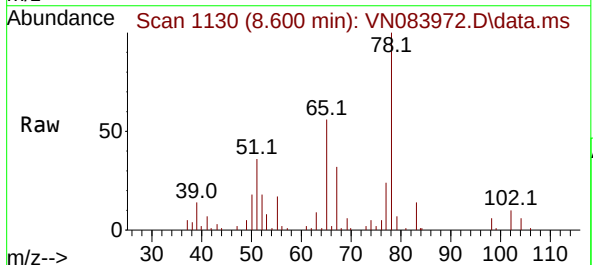
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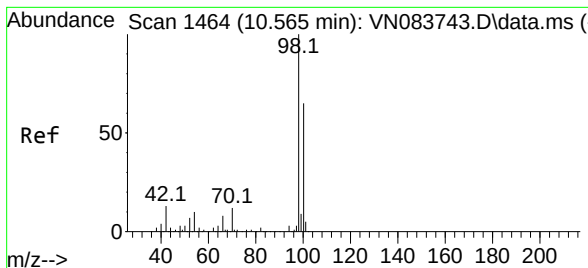
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#40
Benzene
Concen: 6.732 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

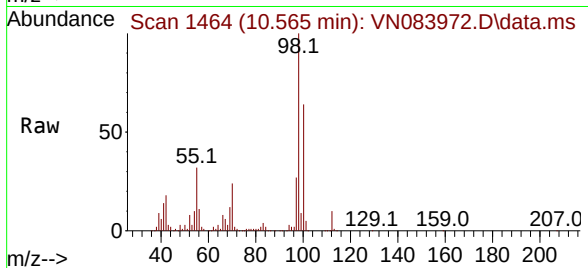
Tgt Ion: 78 Resp: 65703
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





#50
Toluene-d8
Concen: 56.529 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

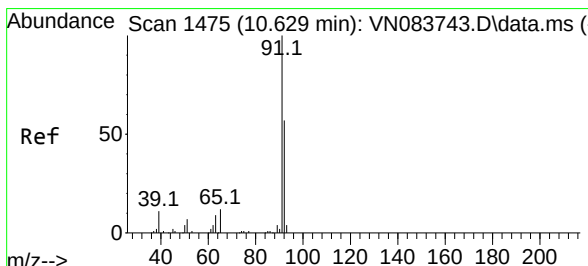
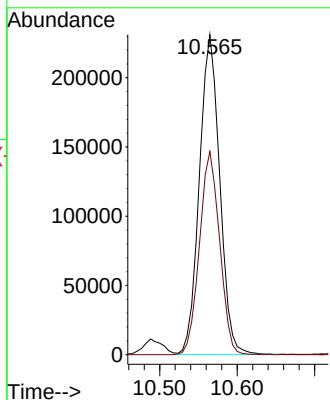
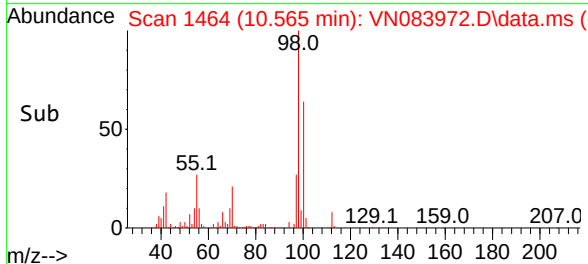
Instrument :
MSVOA_N
ClientSampleId :
FDF-2



Tgt Ion: 98 Resp: 421039
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0

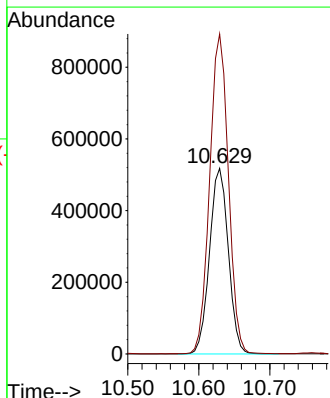
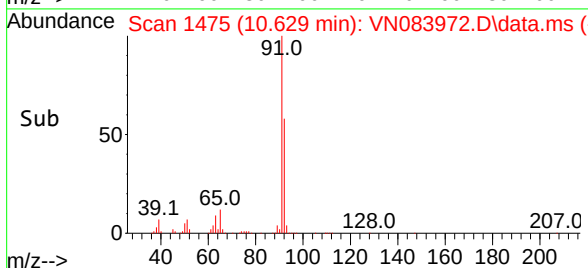
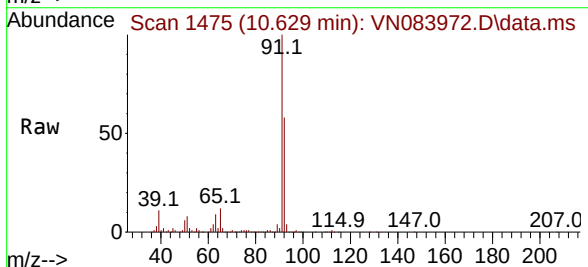
Manual Integrations
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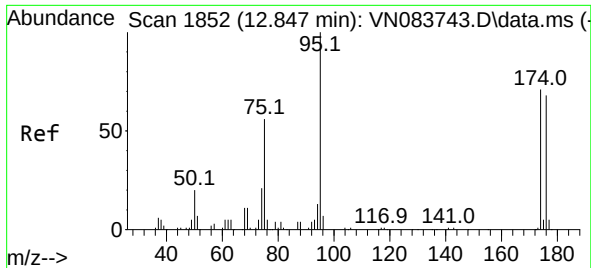
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#52
Toluene
Concen: 159.313 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

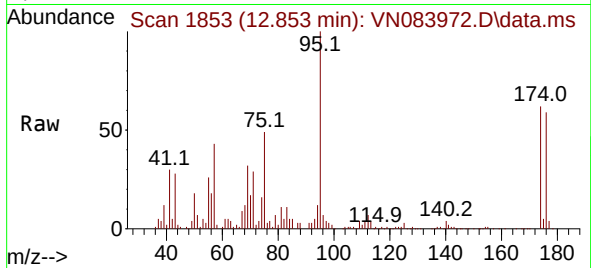
Tgt Ion: 92 Resp: 951122
Ion Ratio Lower Upper
92 100
91 171.7 134.7 202.1





#62
4-Bromofluorobenzene
Concen: 58.464 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

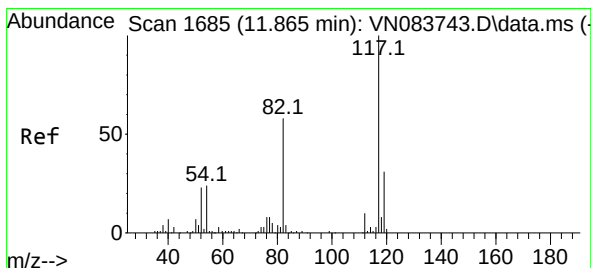
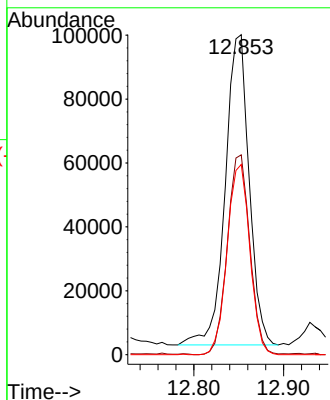
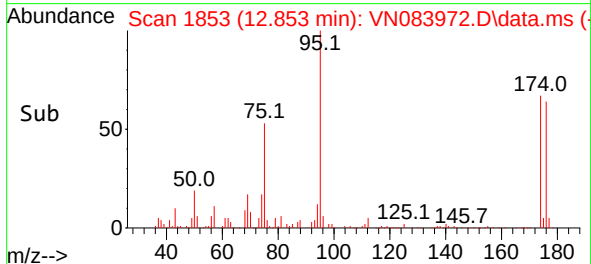
Instrument :
MSVOA_N
ClientSampleId :
FDF-2



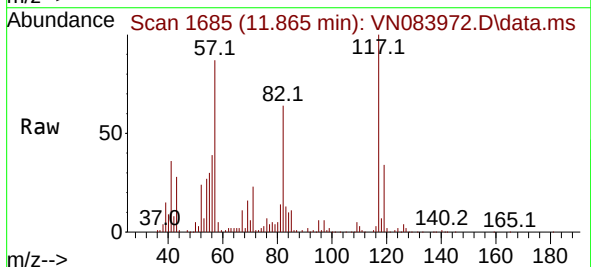
Tgt Ion: 95 Resp: 179658
Ion Ratio Lower Upper
95 100
174 60.9 0.0 139.8
176 58.1 0.0 131.4

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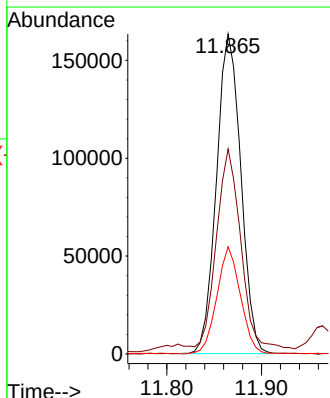
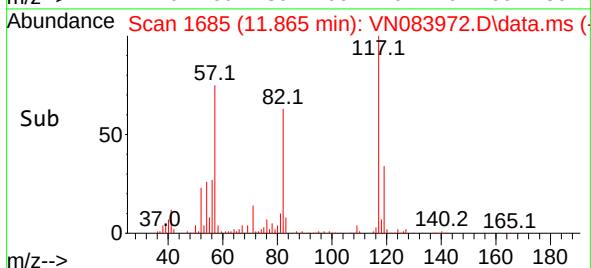
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

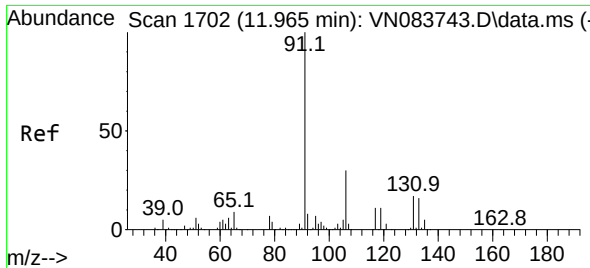


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08



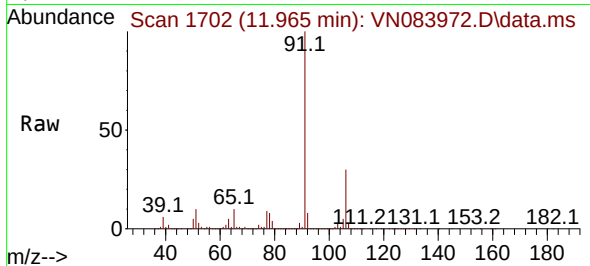
Tgt Ion:117 Resp: 291997
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.0
119 33.4 26.3 39.5





#67
Ethyl Benzene
Concen: 658.390 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

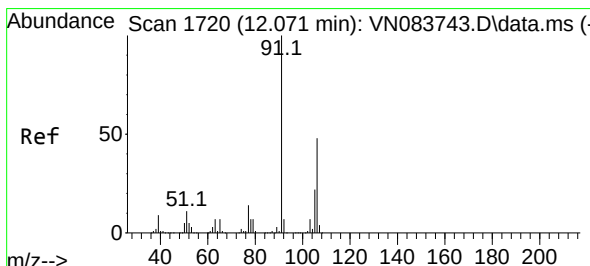
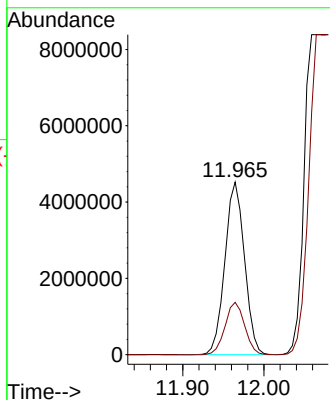
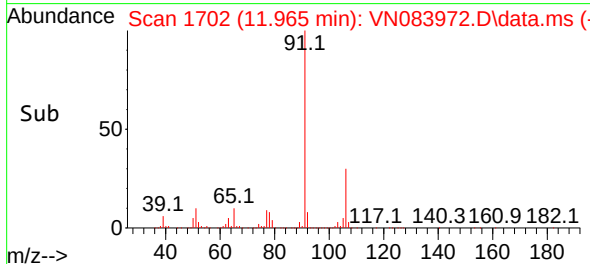
Instrument :
MSVOA_N
ClientSampleId :
FDF-2



Tgt Ion: 91 Resp: 7590330
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

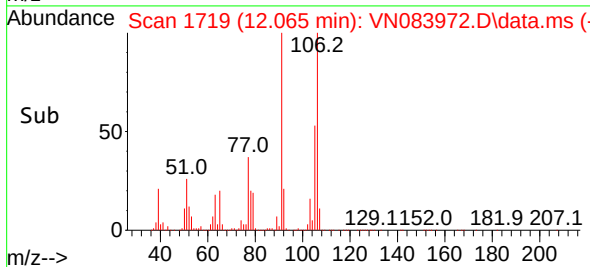
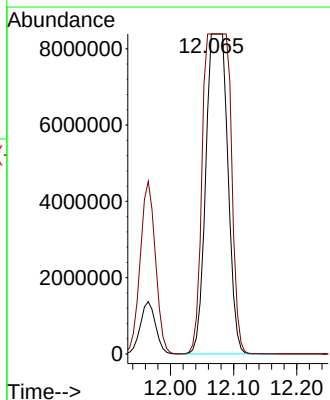
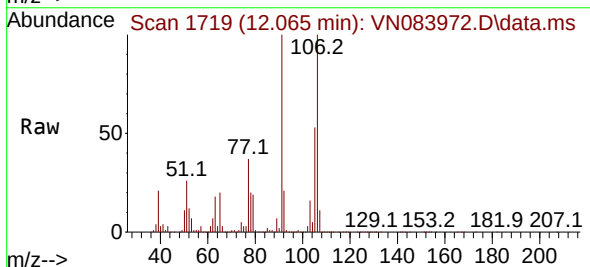
Manual Integrations
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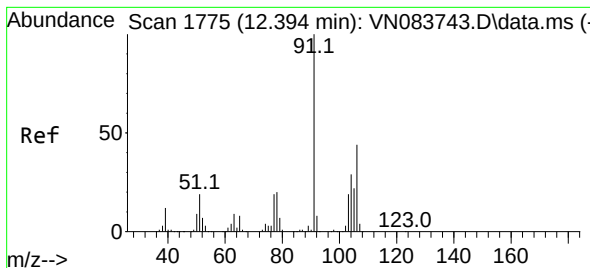
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#68
m/p-Xylenes
Concen: 4709.554 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

Tgt Ion:106 Resp:20157648
Ion Ratio Lower Upper
106 100
91 0.0 169.2 253.8#





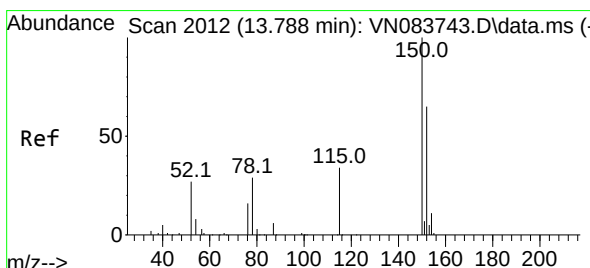
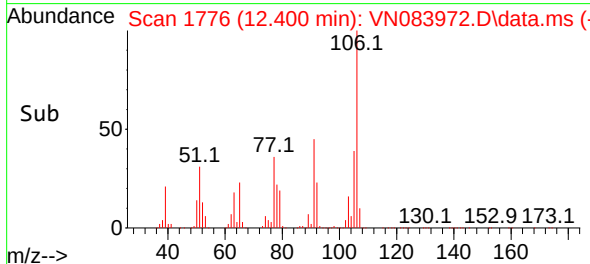
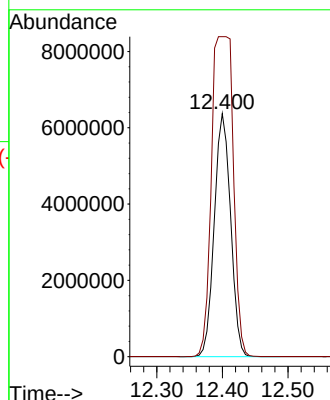
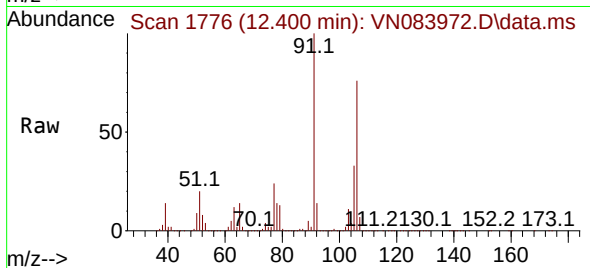
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o-Xylene
Concen: 2651.334 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

Instrument :
MSVOA_N
ClientSampleId :
FDF-2

Tgt Ion:106 Resp:10985818
Ion Ratio Lower Upper
106 100
91 175.9 112.9 338.6

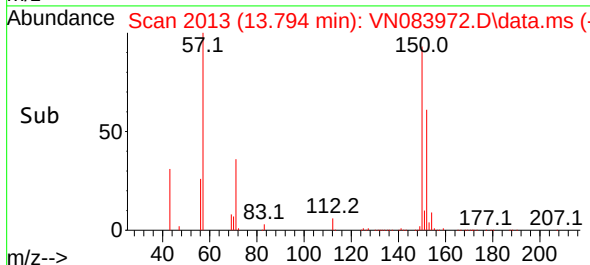
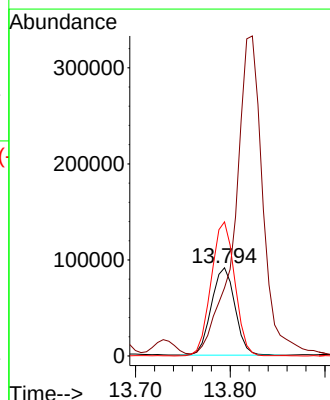
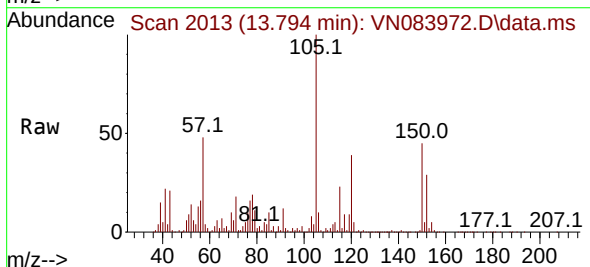
Manual Integrations
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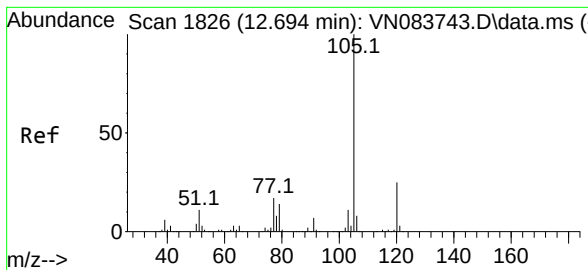
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

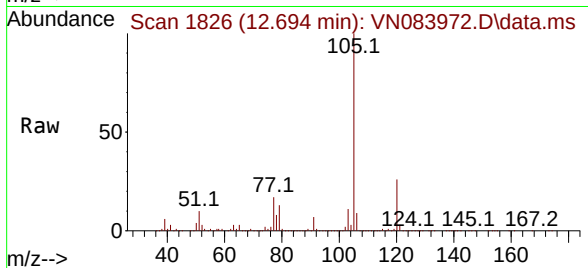
Tgt Ion:152 Resp: 157412
Ion Ratio Lower Upper
152 100
115 0.0 32.2 96.6#
150 153.9 0.0 348.6





#73
Isopropylbenzene
Concen: 457.227 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

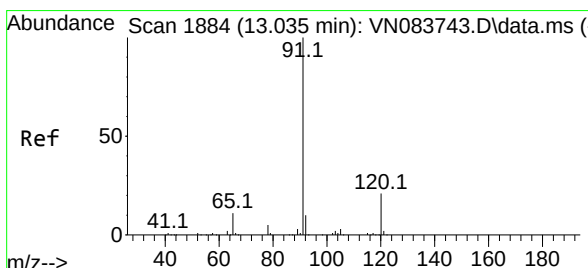
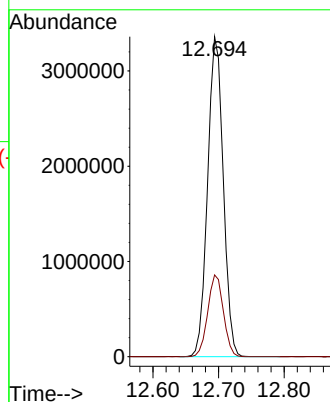
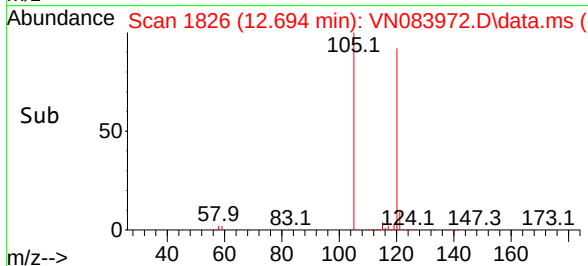
Instrument :
MSVOA_N
ClientSampleId :
FDF-2



Tgt Ion:105 Resp: 5568280
Ion Ratio Lower Upper
105 100
120 25.6 12.6 37.8

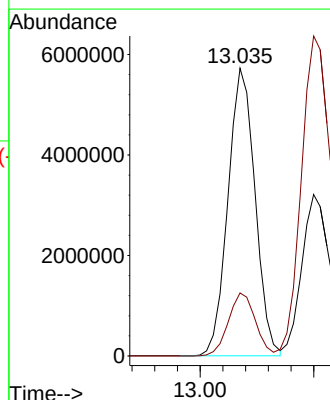
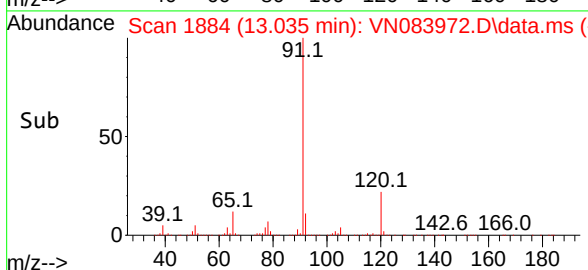
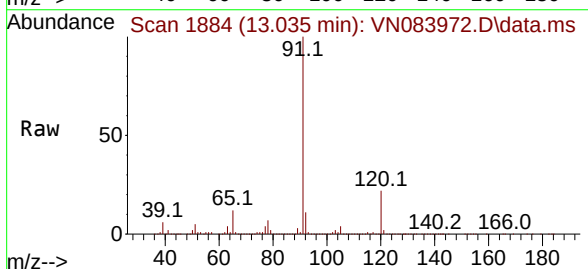
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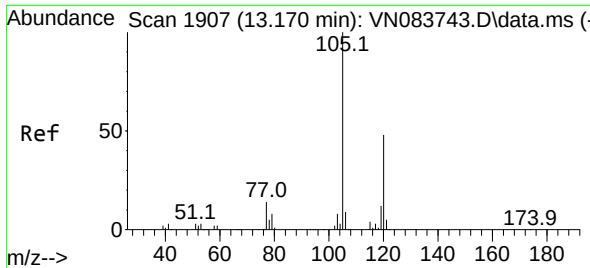
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#78
n-propylbenzene
Concen: 668.835 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

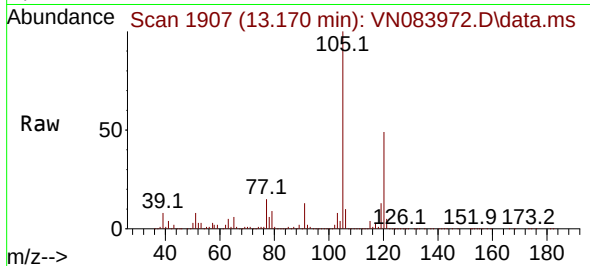
Tgt Ion: 91 Resp: 9477191
Ion Ratio Lower Upper
91 100
120 21.8 11.0 33.0





#80
 1,3,5-Trimethylbenzene
 Concen: 1408.279 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN083972.D
 Acq: 18 Sep 2024 09:08

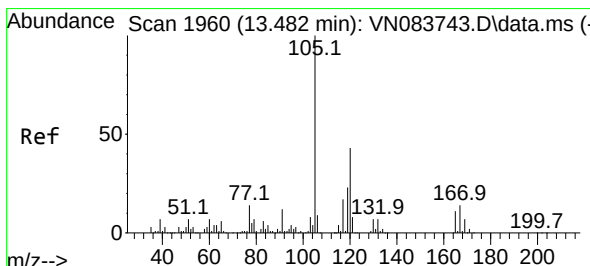
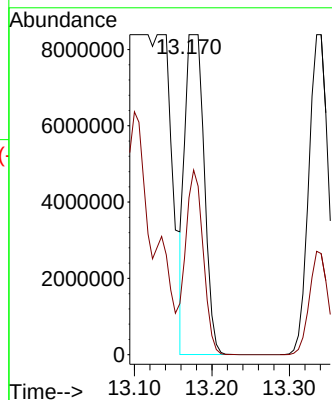
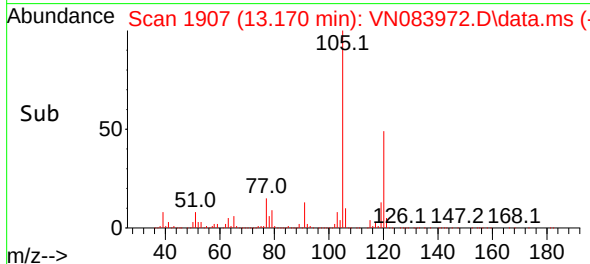
Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-2



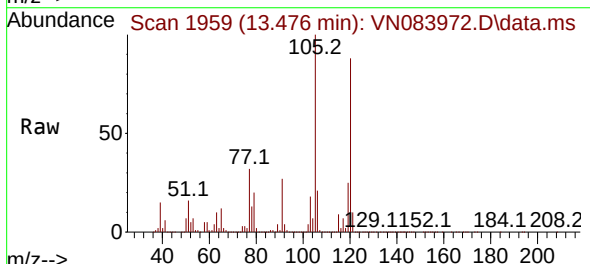
Tgt Ion:105 Resp:1445956
 Ion Ratio Lower Upper
 105 100
 120 54.2 23.4 70.3

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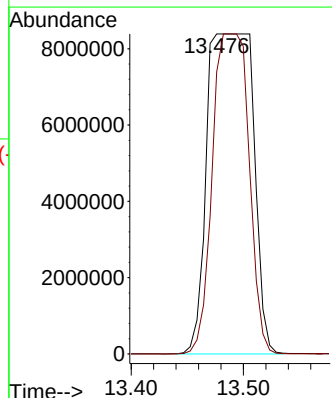
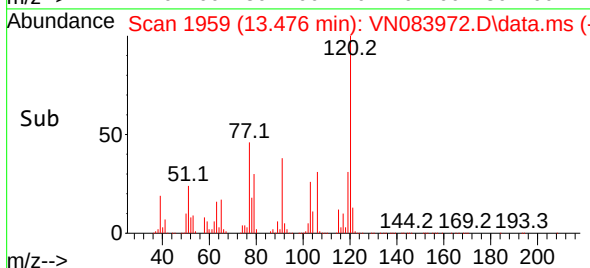
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024

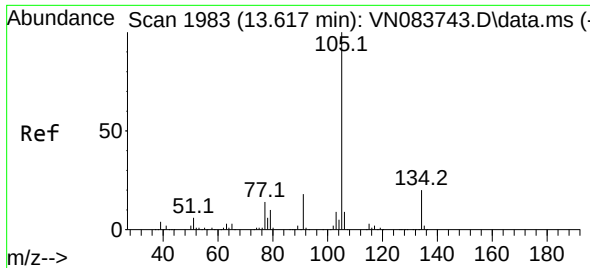


#84
 1,2,4-Trimethylbenzene
 Concen: 2338.381 ug/l m
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.006 min
 Lab File: VN083972.D
 Acq: 18 Sep 2024 09:08



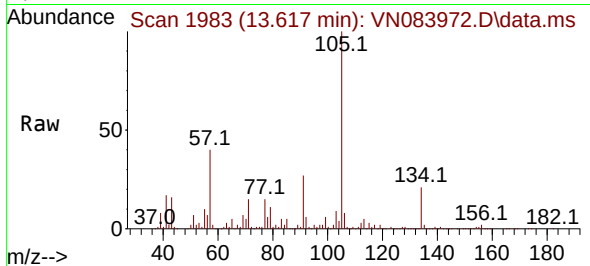
Tgt Ion:105 Resp:24117707
 Ion Ratio Lower Upper
 105 100
 120 18.7 21.8 65.4#





#85
 sec-Butylbenzene
 Concen: 58.093 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083972.D
 Acq: 18 Sep 2024 09:08

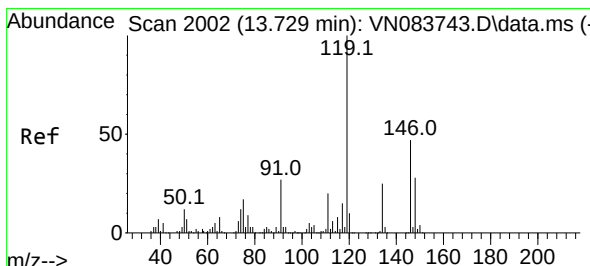
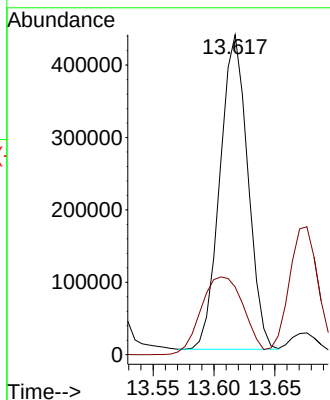
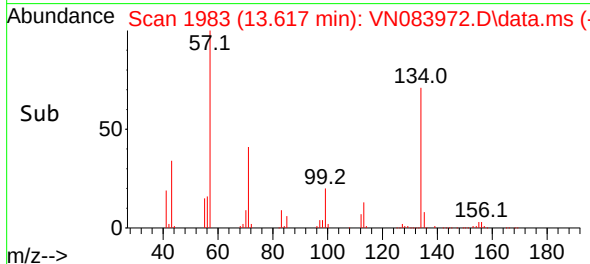
Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-2



Tgt Ion:105 Resp: 692084
 Ion Ratio Lower Upper
 105 100
 134 37.9 9.7 29.1

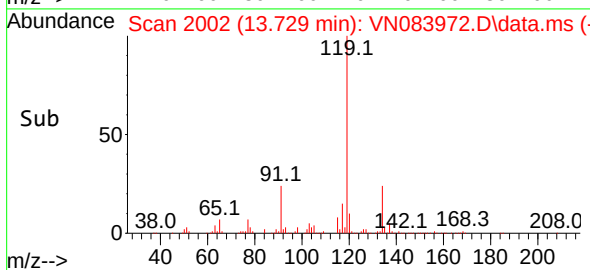
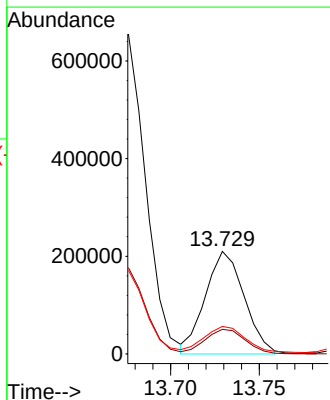
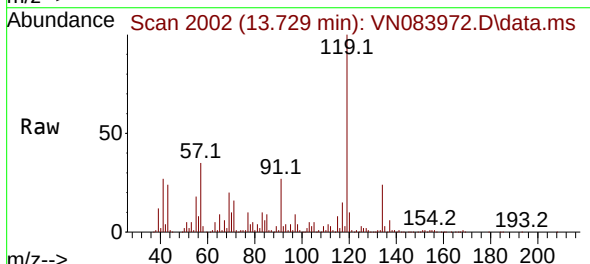
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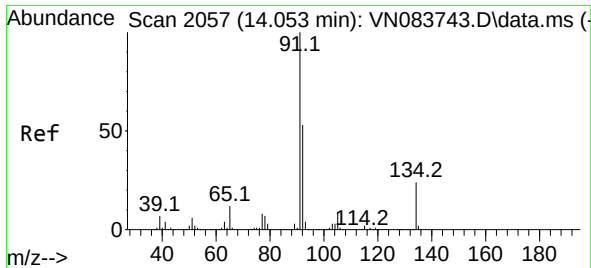
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024



#86
 p-Isopropyltoluene
 Concen: 32.025 ug/l m
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083972.D
 Acq: 18 Sep 2024 09:08

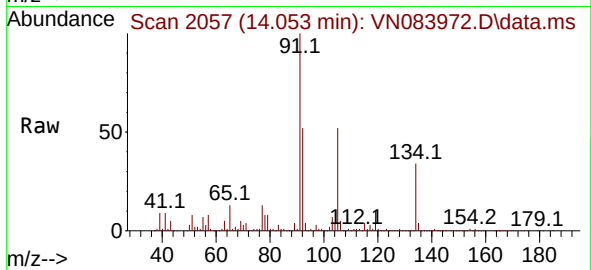
Tgt Ion:119 Resp: 319821
 Ion Ratio Lower Upper
 119 100
 134 92.3 12.8 38.3#
 91 82.6 12.9 38.7#





#89
 n-Butylbenzene
 Concen: 105.144 ug/l
 RT: 14.053 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: VN083972.D
 Acq: 18 Sep 2024 09:08

Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-2



Tgt Ion: 91 Resp: 942768

Ion	Ratio	Lower	Upper
91	100		
92	64.4	26.7	80.1
134	0.0	12.2	36.4

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

