

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083968.D
 Acq On : 18 Sep 2024 07:33
 Operator : JC\MD
 Sample : P3964-07
 Misc : 7.88g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-4

Manual Integrations
 APPROVED

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

Quant Time: Sep 18 07:56:17 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	197134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	333678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142149	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138532	46.605	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.200%		
35) Dibromofluoromethane	8.165	113	100577	47.083	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.160%		
50) Toluene-d8	10.565	98	422705	57.240	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	114.480%#		
62) 4-Bromofluorobenzene	12.847	95	170760	56.046	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	112.100%		
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.594	83	558375	152.573	ug/l #	67
40) Benzene	8.600	78	106754	11.031	ug/l	97
52) Toluene	10.629	92	381649	64.474	ug/l	98
67) Ethyl Benzene	11.965	91	6833392	613.030	ug/l	100
68) m/p-Xylenes	12.071	106	15208173	3674.852	ug/l #	1
69) o-Xylene	12.400	106	6364948	1588.729	ug/l	96
73) Isopropylbenzene	12.694	105	3388411	308.106	ug/l	99
78) n-propylbenzene	13.035	91	6130950	479.139	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	8802205	949.334	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	19674885	2112.445	ug/l	70
85) sec-Butylbenzene	13.618	105	458374m	42.607	ug/l	
86) p-Isopropyltoluene	13.729	119	203746m	22.592	ug/l	
89) n-Butylbenzene	14.053	91	631593m	78.003	ug/l	

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

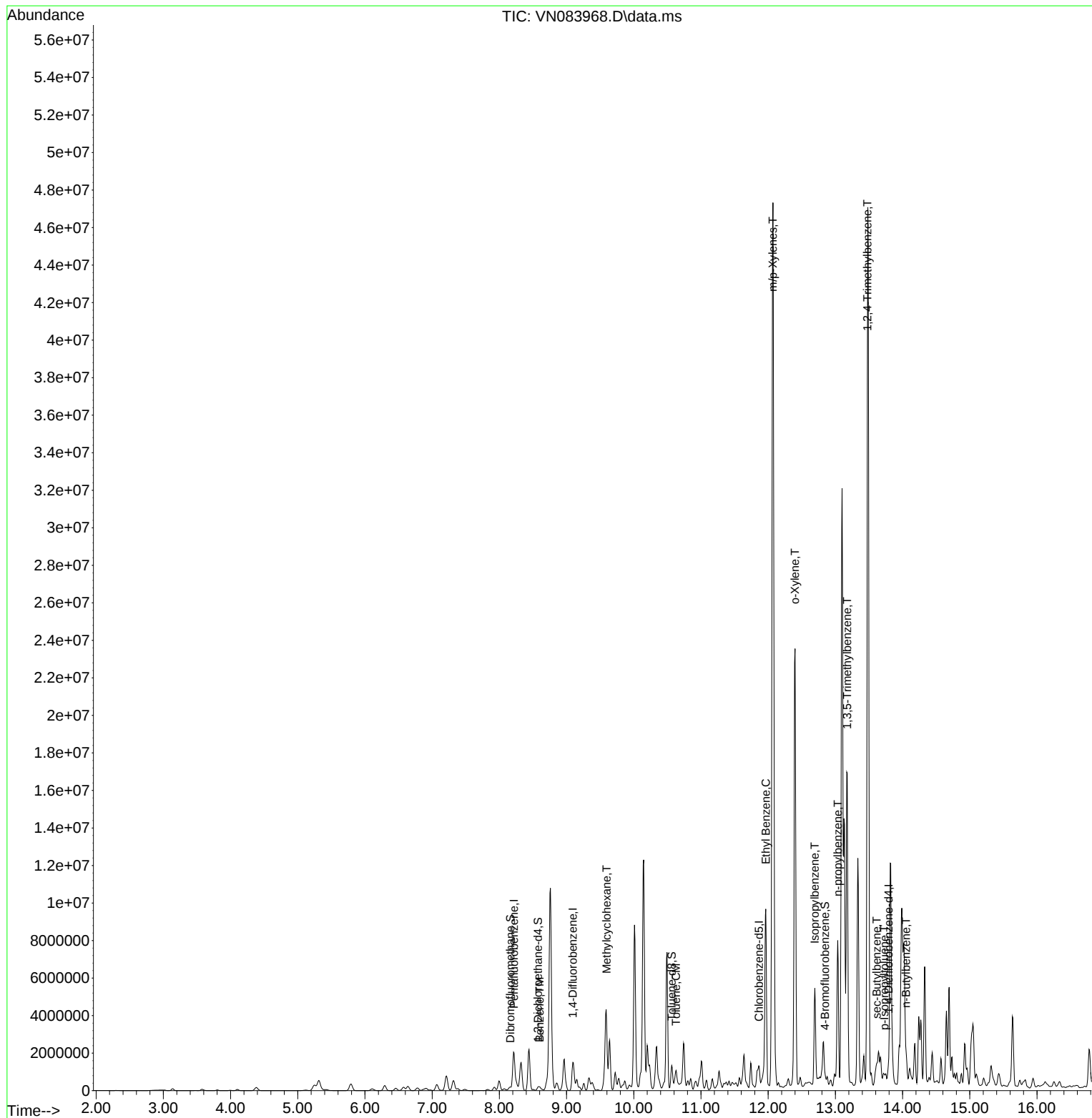
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083968.D
Acq On : 18 Sep 2024 07:33
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Sample : P3964-07
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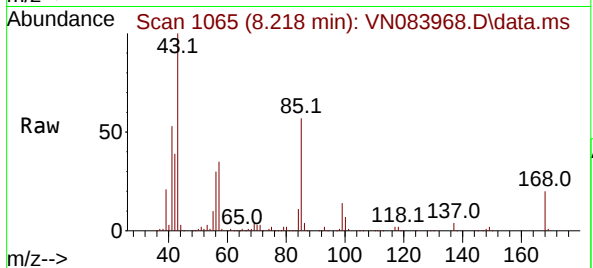
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083968.D
Acq: 18 Sep 2024 07:33

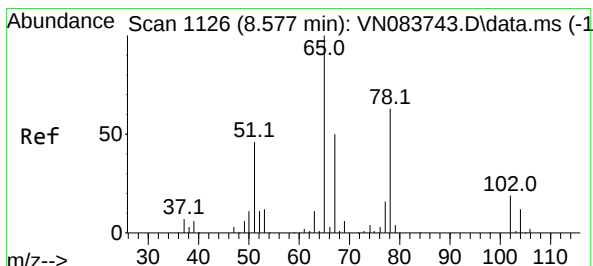
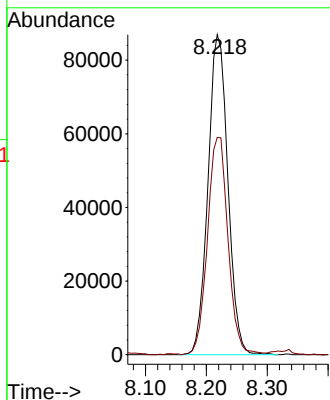
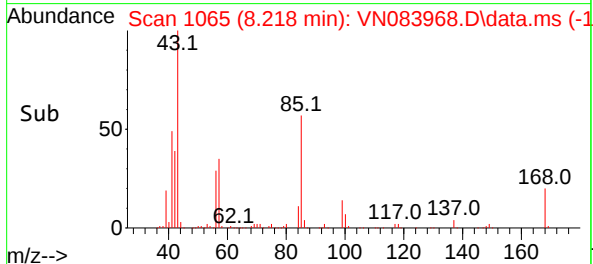
Instrument :
MSVOA_N
ClientSampleId :
FDF-4



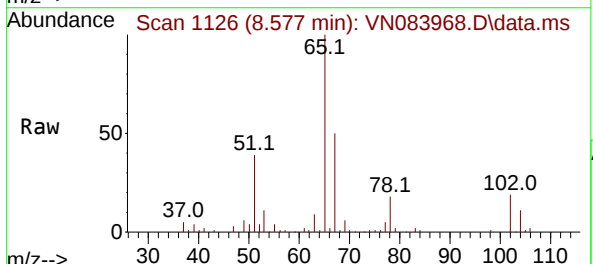
Tgt Ion:168 Resp: 197134
Ion Ratio Lower Upper
168 100
99 67.6 54.2 81.2

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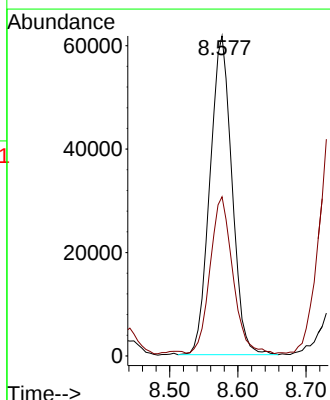
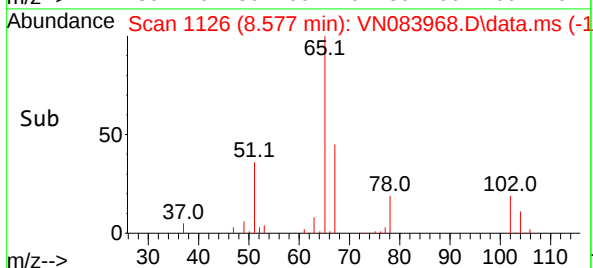
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

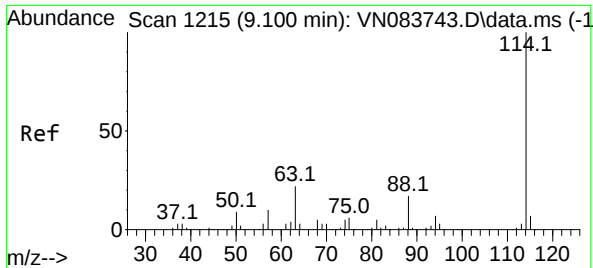


#33
1,2-Dichloroethane-d4
Concen: 46.605 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083968.D
Acq: 18 Sep 2024 07:33



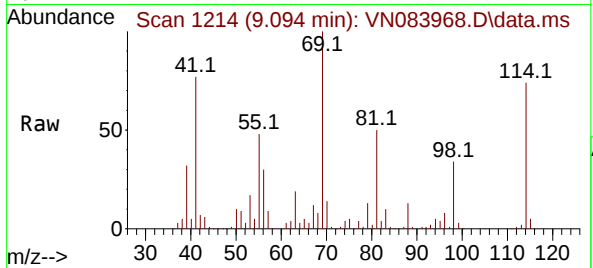
Tgt Ion: 65 Resp: 138532
Ion Ratio Lower Upper
65 100
67 49.9 0.0 100.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 114
Delta R.T. -0.006 min
Lab File: VN083968.D
Acq: 18 Sep 2024 07:33

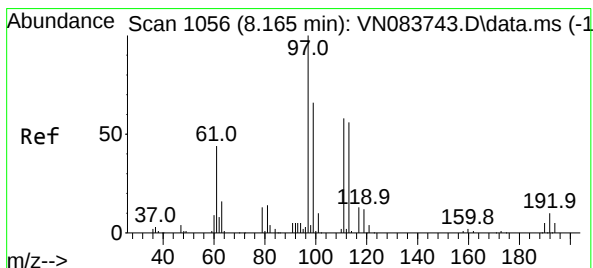
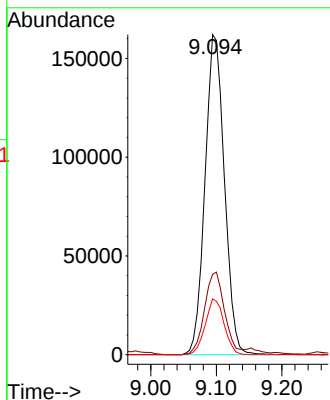
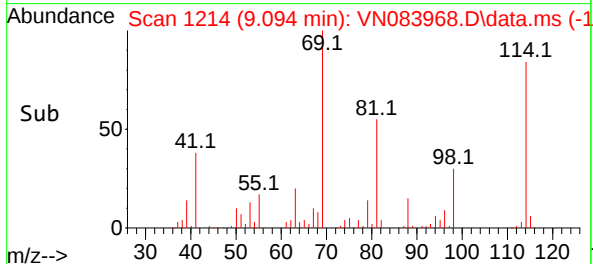
Instrument :
MSVOA_N
ClientSampleId :
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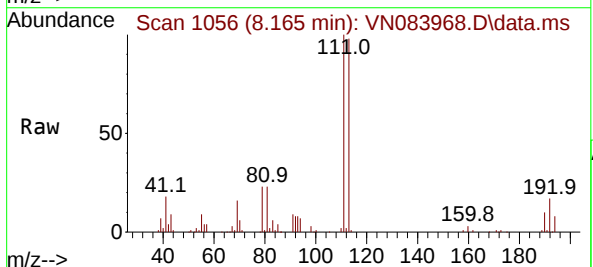
Tgt Ion:114 Resp: 333678
Ion Ratio Lower Upper
114 100
63 25.1 0.0 43.4
88 17.4 0.0 32.6

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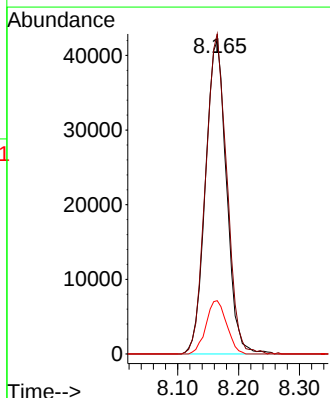
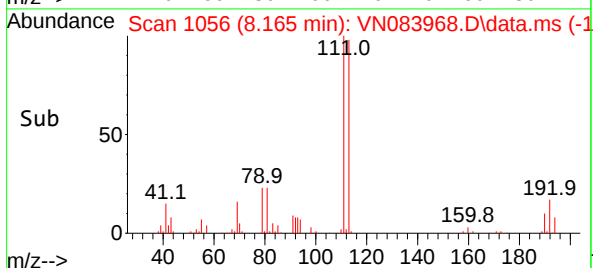
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

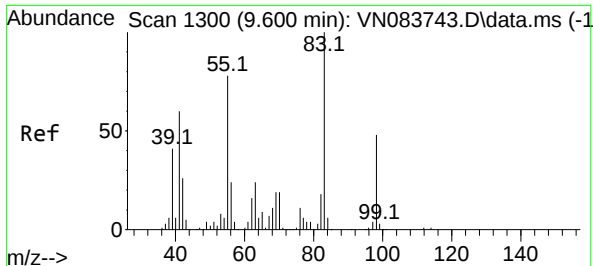


#35
Dibromofluoromethane
Concen: 47.083 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083968.D
Acq: 18 Sep 2024 07:33



Tgt Ion:113 Resp: 100577
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 16.7 14.3 21.5





#39

Methylcyclohexane

Concen: 152.573 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN083968.D

Acq: 18 Sep 2024 07:33

Instrument :

MSVOA_N

ClientSampleId :

FDF-4

Tgt Ion: 83 Resp: 55837

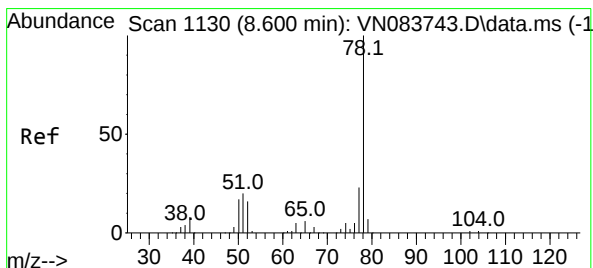
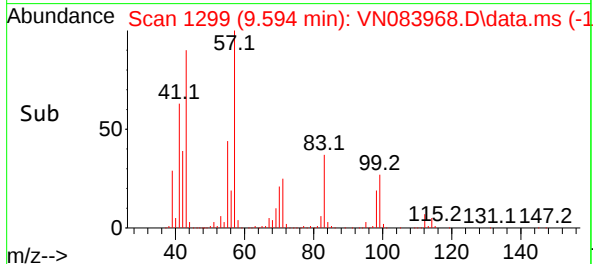
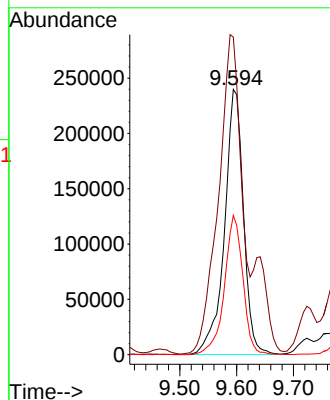
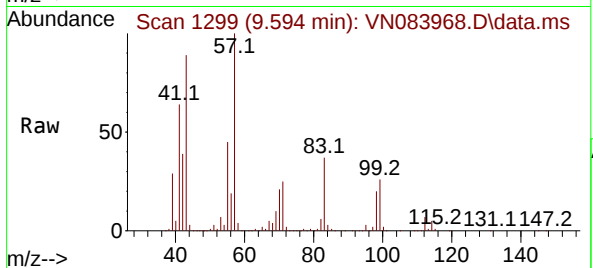
Ion	Ratio	Lower	Upper
83	100		
55	119.6	62.2	93.4
98	52.5	37.6	56.4

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Supervised By :Mahesh Dadoda 09/18/2024



#40

Benzene

Concen: 11.031 ug/l

RT: 8.600 min Scan# 1130

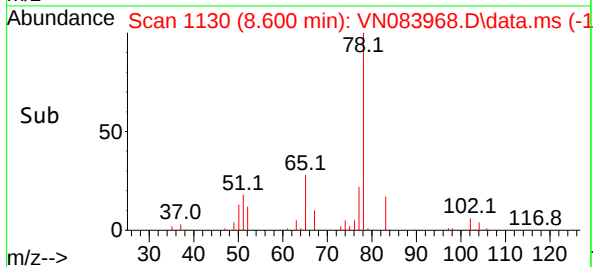
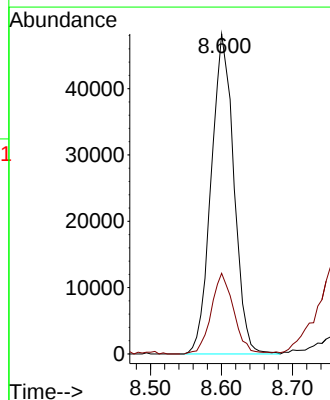
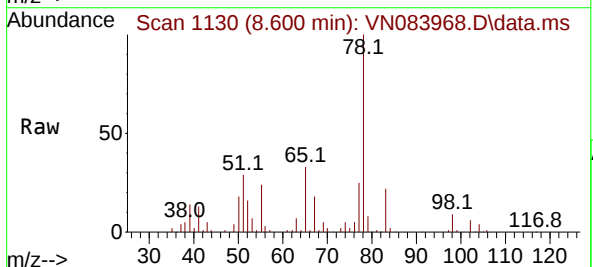
Delta R.T. 0.000 min

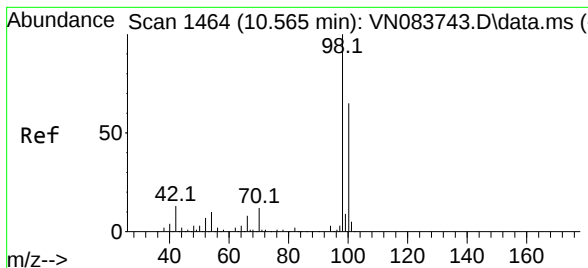
Lab File: VN083968.D

Acq: 18 Sep 2024 07:33

Tgt Ion: 78 Resp: 106754

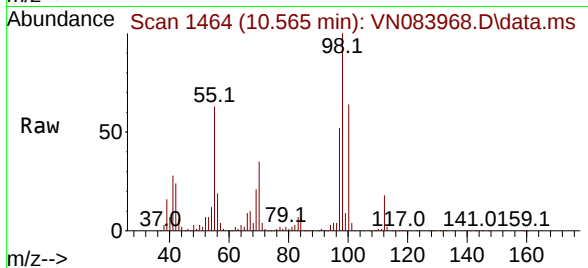
Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.0	28.6





#50
Toluene-d8
Concen: 57.240 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083968.D
Acq: 18 Sep 2024 07:33

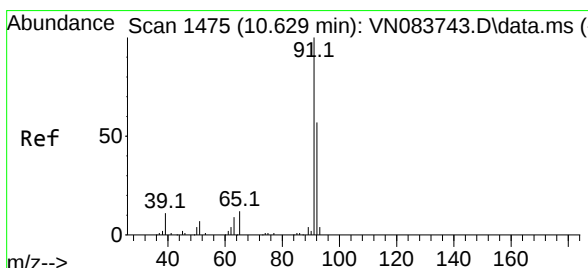
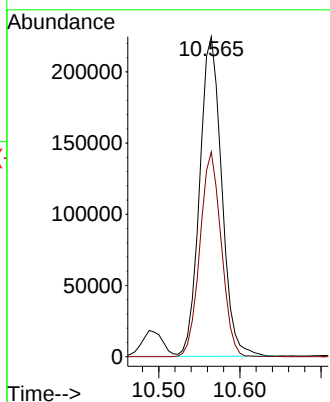
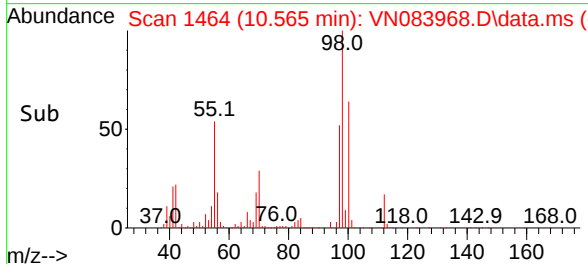
Instrument :
MSVOA_N
ClientSampleId :
FDF-4



Tgt Ion: 98 Resp: 422705
Ion Ratio Lower Upper
98 100
100 62.0 52.0 78.0

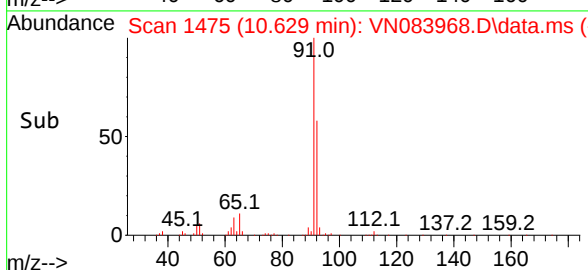
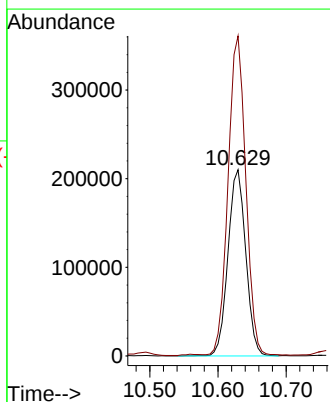
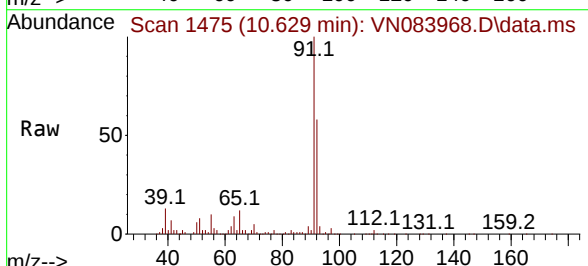
Manual Integrations
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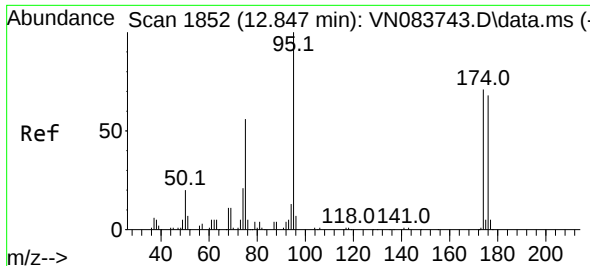
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#52
Toluene
Concen: 64.474 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083968.D
Acq: 18 Sep 2024 07:33

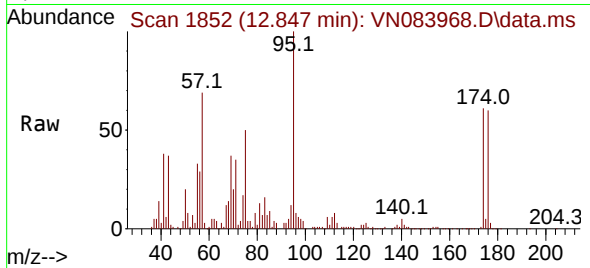
Tgt Ion: 92 Resp: 381649
Ion Ratio Lower Upper
92 100
91 170.6 134.7 202.1





#62
4-Bromofluorobenzene
Concen: 56.046 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083968.D
Acq: 18 Sep 2024 07:33

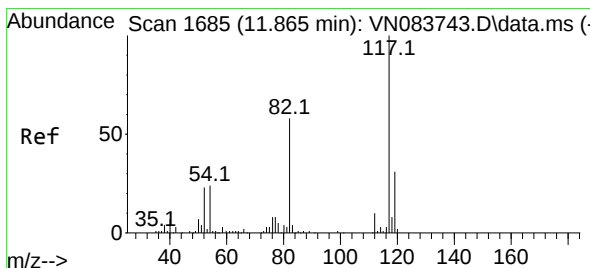
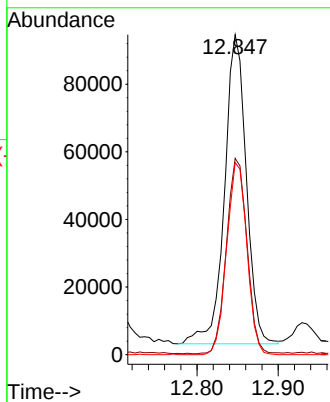
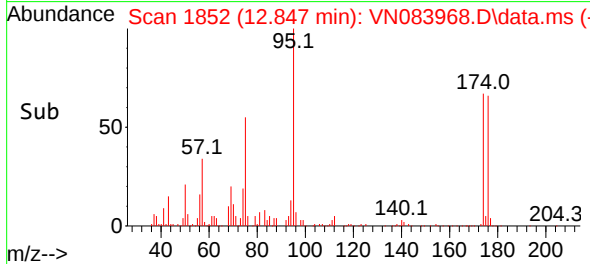
Instrument :
MSVOA_N
ClientSampleId :
FDF-4



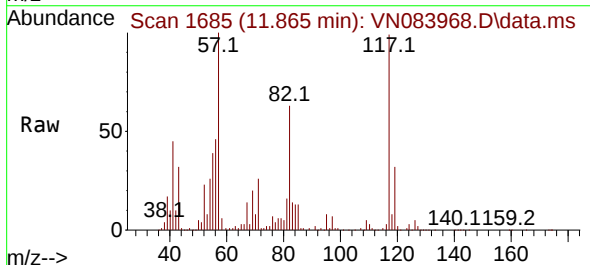
Tgt Ion: 95 Resp: 170760
Ion Ratio Lower Upper
95 100
174 59.5 0.0 139.8
176 57.4 0.0 131.4

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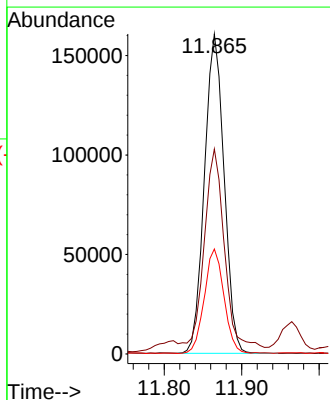
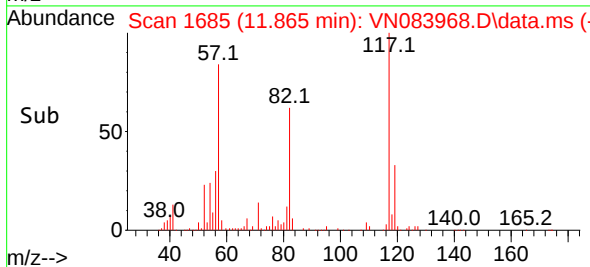
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

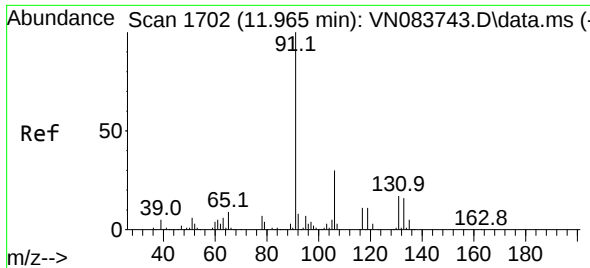


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083968.D
Acq: 18 Sep 2024 07:33



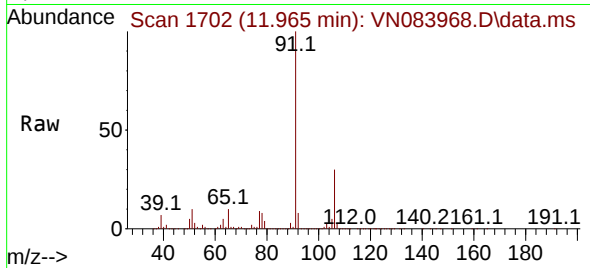
Tgt Ion:117 Resp: 282329
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.0
119 32.7 26.3 39.5





#67
Ethyl Benzene
Concen: 613.030 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083968.D
Acq: 18 Sep 2024 07:33

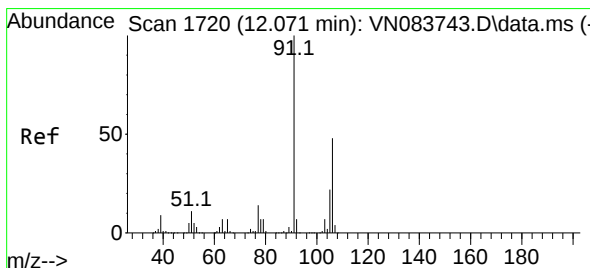
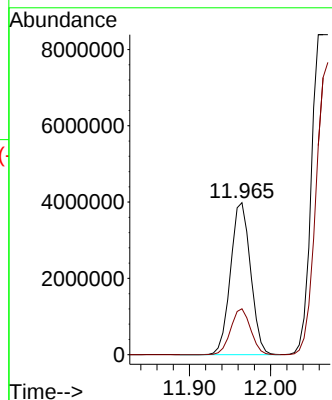
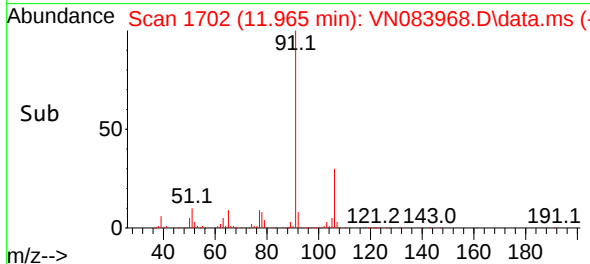
Instrument :
MSVOA_N
ClientSampleId :
FDF-4



Tgt Ion: 91 Resp: 6833392
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5

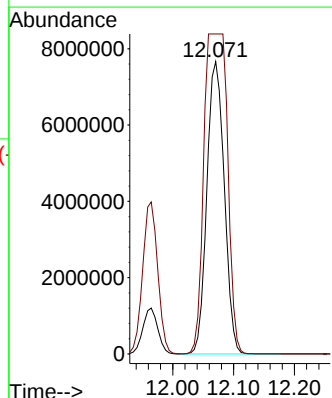
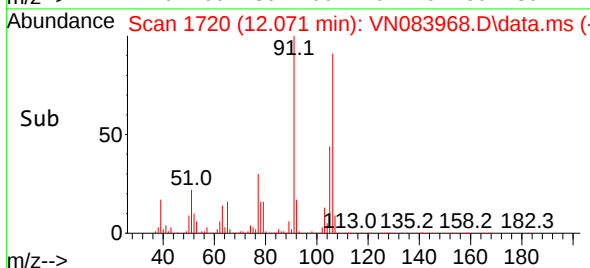
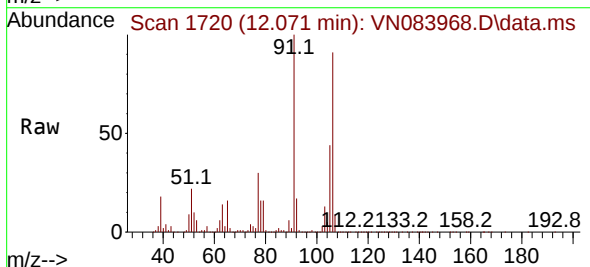
Manual Integrations
APPROVED

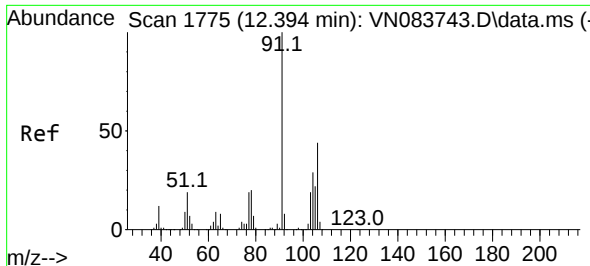
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#68
m/p-Xylenes
Concen: 3674.852 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083968.D
Acq: 18 Sep 2024 07:33

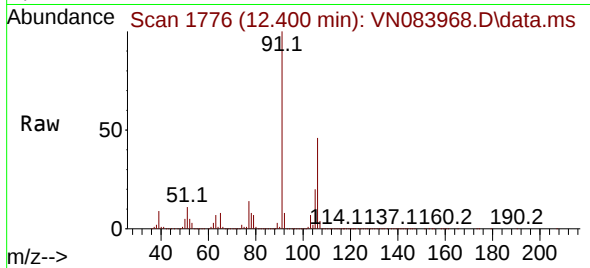
Tgt Ion:106 Resp:15208173
Ion Ratio Lower Upper
106 100
91 0.0 169.2 253.8#





#69
o-Xylene
Concen: 1588.729 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083968.D
Acq: 18 Sep 2024 07:33

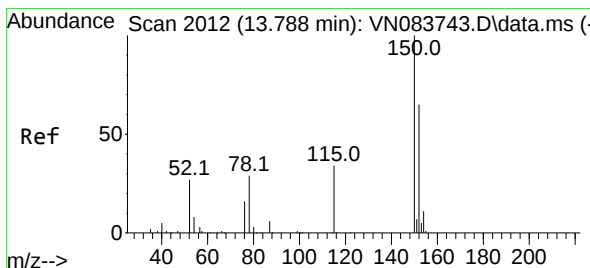
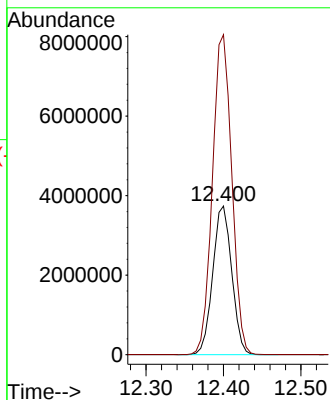
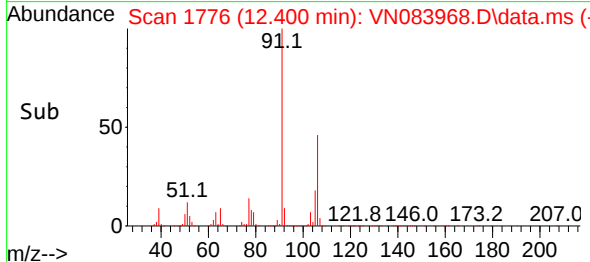
Instrument :
MSVOA_N
ClientSampleId :
FDF-4



Tgt Ion:106 Resp: 636494
Ion Ratio Lower Upper
106 100
91 219.4 112.9 338.6

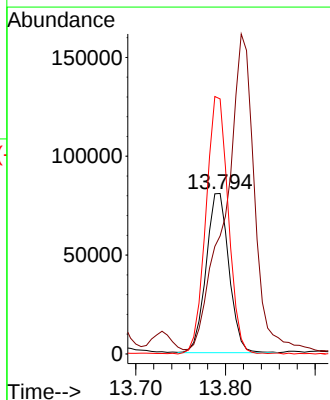
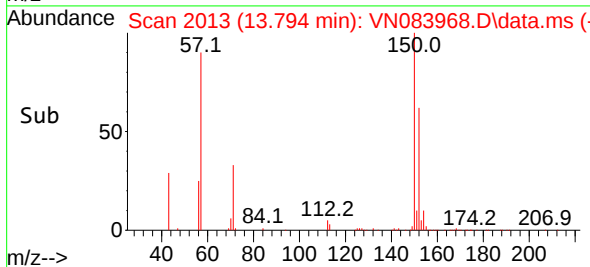
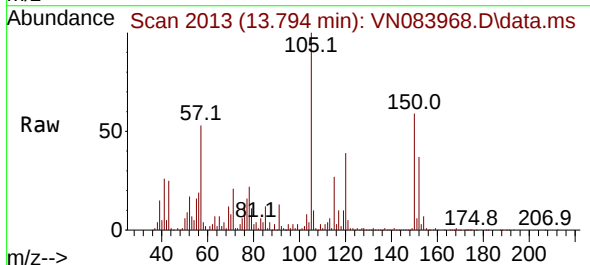
Manual Integrations
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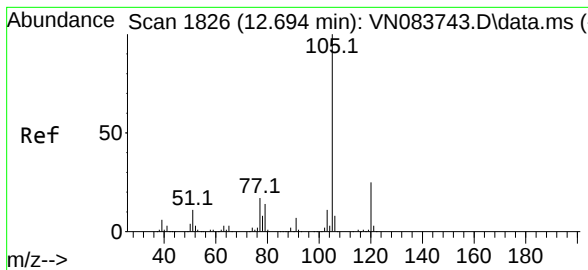
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083968.D
Acq: 18 Sep 2024 07:33

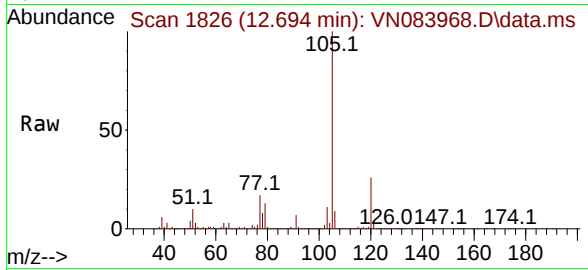
Tgt Ion:152 Resp: 142149
Ion Ratio Lower Upper
152 100
115 0.0 32.2 96.6#
150 159.0 0.0 348.6





#73
Isopropylbenzene
Concen: 308.106 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083968.D
Acq: 18 Sep 2024 07:33

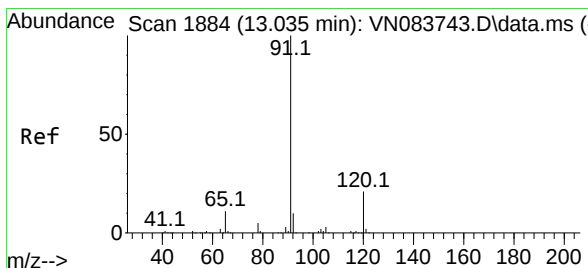
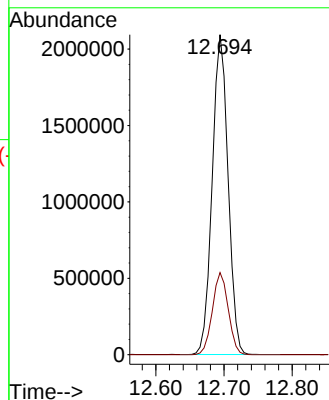
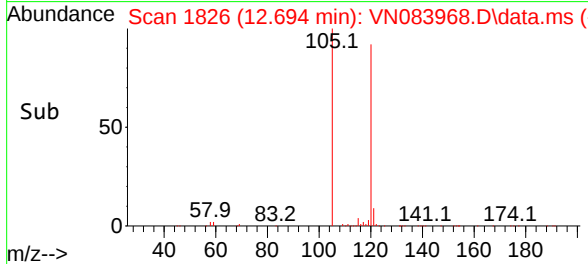
Instrument :
MSVOA_N
ClientSampleId :
FDF-4



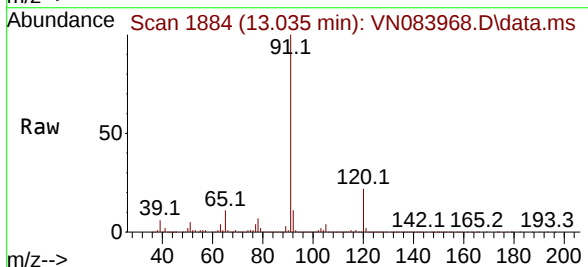
Tgt Ion:105 Resp: 338841
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.8

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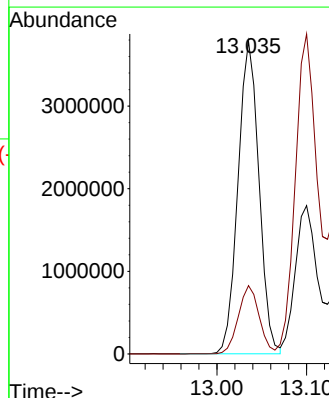
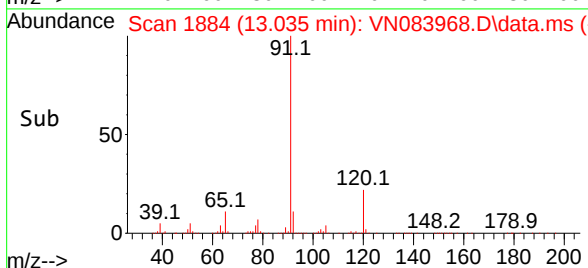
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

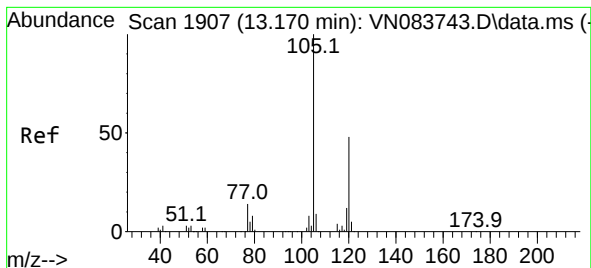


#78
n-propylbenzene
Concen: 479.139 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083968.D
Acq: 18 Sep 2024 07:33



Tgt Ion: 91 Resp: 6130950
Ion Ratio Lower Upper
91 100
120 21.8 11.0 33.0





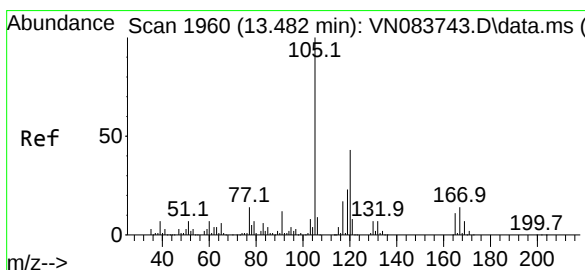
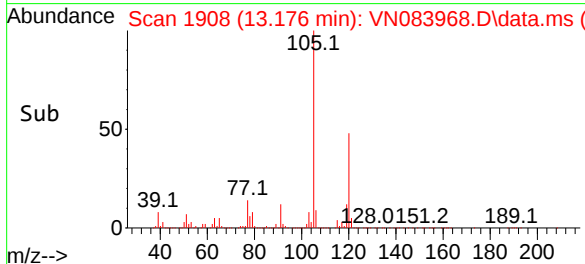
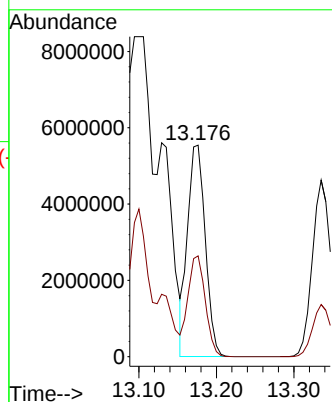
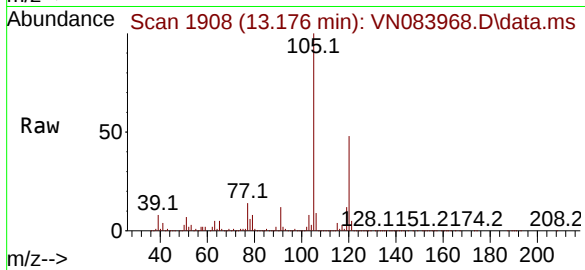
#80
1,3,5-Trimethylbenzene
Concen: 949.334 ug/l
RT: 13.176 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN083968.D
Acq: 18 Sep 2024 07:33

Instrument :
MSVOA_N
ClientSampleId :
FDF-4

Tgt Ion:105 Resp: 880220
Ion Ratio Lower Upper
105 100
120 46.8 23.4 70.3

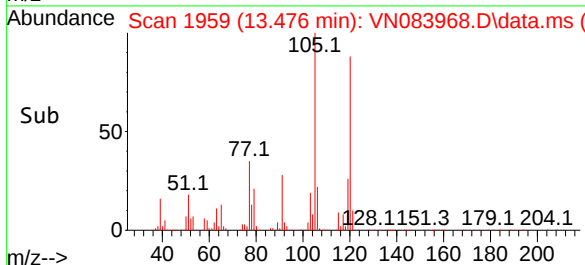
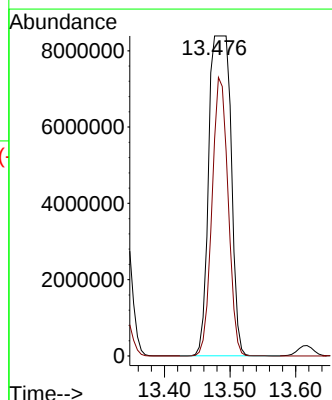
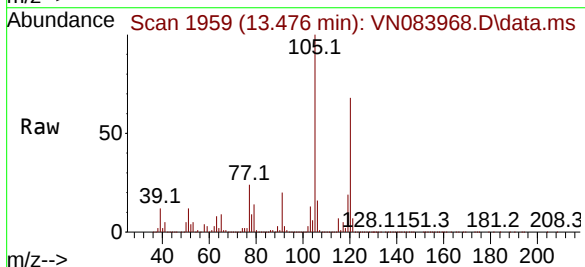
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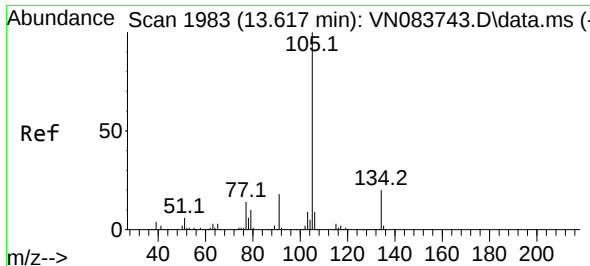
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#84
1,2,4-Trimethylbenzene
Concen: 2112.445 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN083968.D
Acq: 18 Sep 2024 07:33

Tgt Ion:105 Resp:19674885
Ion Ratio Lower Upper
105 100
120 63.2 21.8 65.4





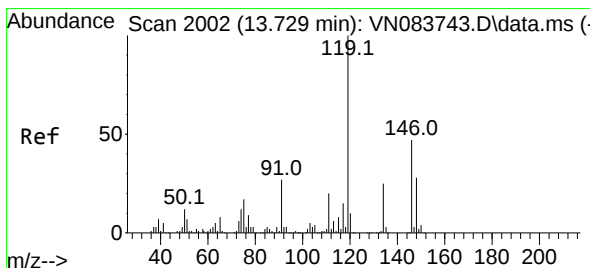
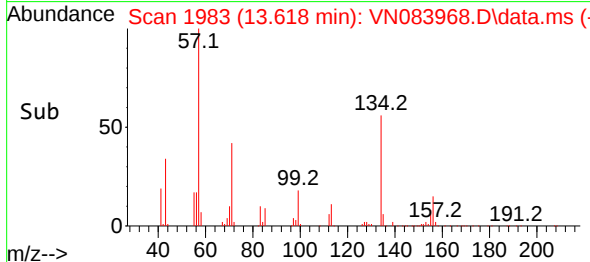
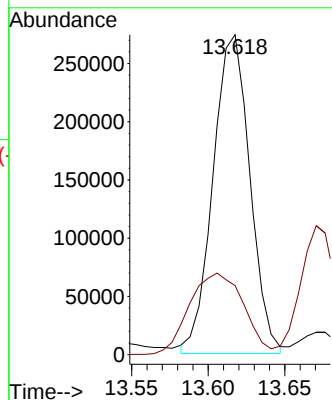
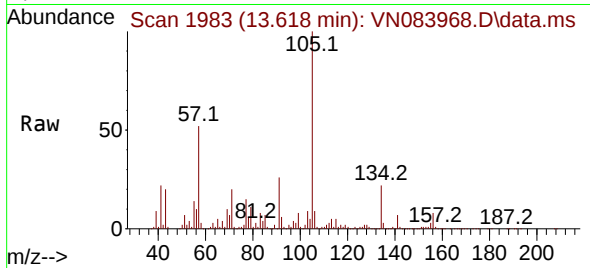
#85
 sec-Butylbenzene
 Concen: 42.607 ug/l m
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083968.D
 Acq: 18 Sep 2024 07:33

Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-4

Tgt Ion:105 Resp: 458374
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#

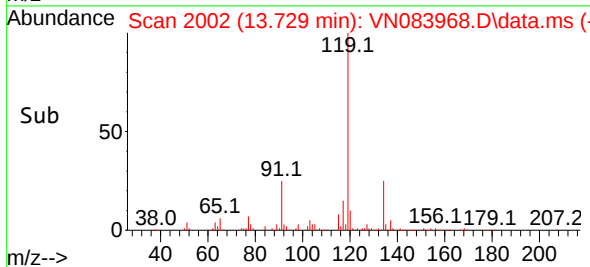
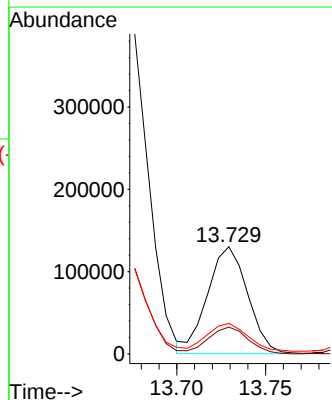
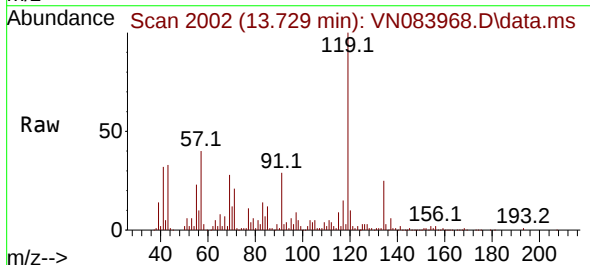
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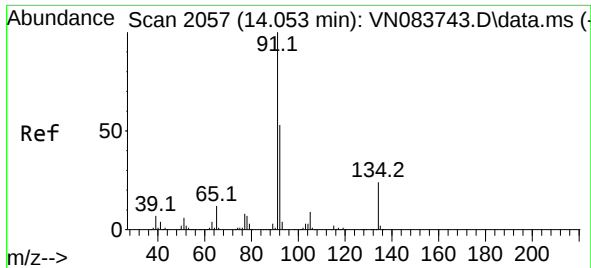
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024



#86
 p-Isopropyltoluene
 Concen: 22.592 ug/l m
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083968.D
 Acq: 18 Sep 2024 07:33

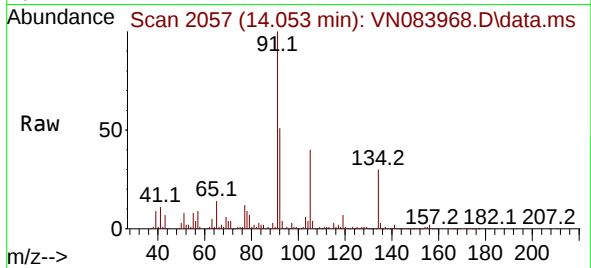
Tgt Ion:119 Resp: 203746
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.8 38.3#
 91 0.0 12.9 38.7#





#89
 n-Butylbenzene
 Concen: 78.003 ug/l m
 RT: 14.053 min Scan# 2057
 Delta R.T. 0.000 min
 Lab File: VN083968.D
 Acq: 18 Sep 2024 07:33

Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-4



Tgt Ion: 91 Resp: 63159
 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

