

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN084026.D
 Acq On : 19 Sep 2024 10:56
 Operator : JC\MD
 Sample : P3964-08DL 10X
 Misc : 2.91g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-5DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2024
 Supervised By : Mahesh Dadoda 09/19/2024

Quant Time: Sep 19 13:34:59 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	163289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123148	50.016	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.040%			
35) Dibromofluoromethane	8.165	113	89065	49.047	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.100%			
50) Toluene-d8	10.565	98	344796	54.924	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.840%			
62) 4-Bromofluorobenzene	12.847	95	134187	51.809	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.620%			
Target Compounds						
52) Toluene	10.630	92	4050	0.805	ug/l	97
67) Ethyl Benzene	11.965	91	181043	18.409	ug/l	98
68) m/p-Xylenes	12.065	106	426653	116.856	ug/l	99
69) o-Xylene	12.400	106	191626	54.216	ug/l	98
73) Isopropylbenzene	12.694	105	144738	15.369	ug/l	99
78) n-propylbenzene	13.035	91	322442	29.428	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	435726	54.880	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	1487110	186.461	ug/l	99
86) p-Isopropyltoluene	13.729	119	12247m	1.586	ug/l	
89) n-Butylbenzene	14.053	91	46986	6.777	ug/l #	83

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

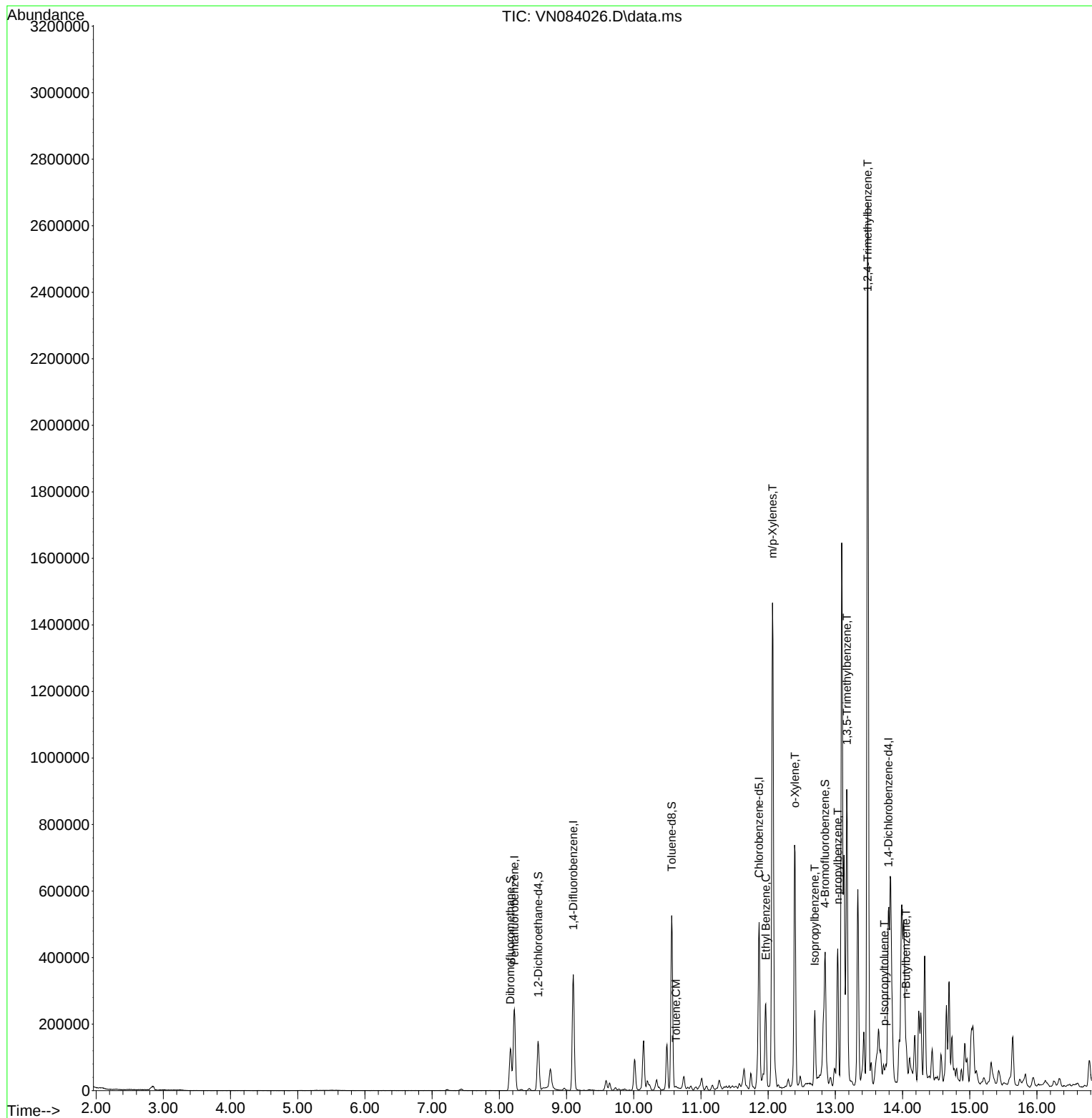
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN084026.D
Acq On : 19 Sep 2024 10:56
Operator : JC\MD
Sample : P3964-08DL 10X
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ALS Vial : 56 Sample Multiplier: 1

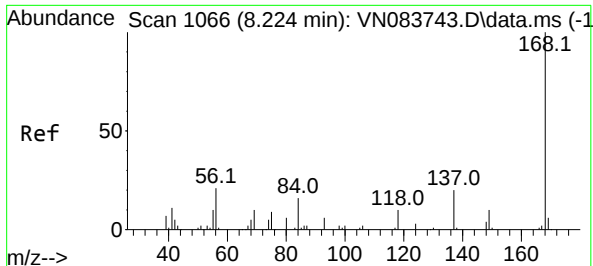
Instrument :
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ClientSampleId :
FDF-5DL

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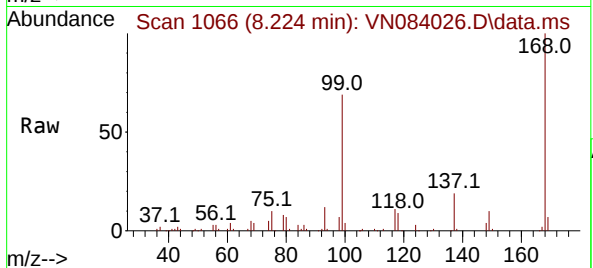
Quant Time: Sep 19 13:34:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084026.D
Acq: 19 Sep 2024 10:56

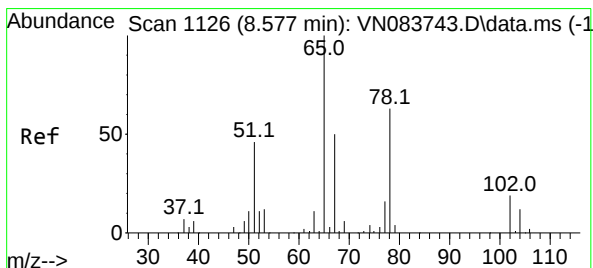
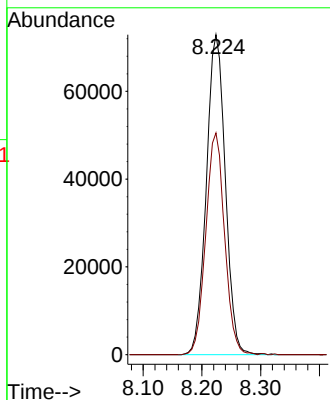
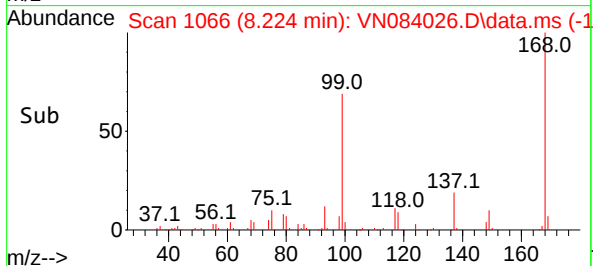
Instrument :
MSVOA_N
ClientSampleId :
FDF-5DL



Tgt Ion:168 Resp: 163289
Ion Ratio Lower Upper
168 100
99 69.3 54.2 81.2

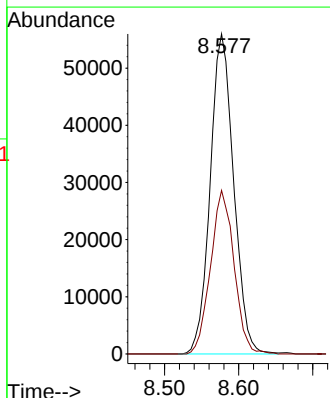
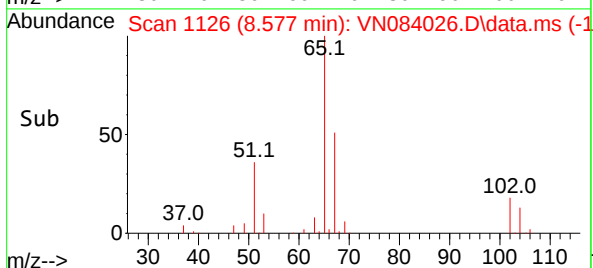
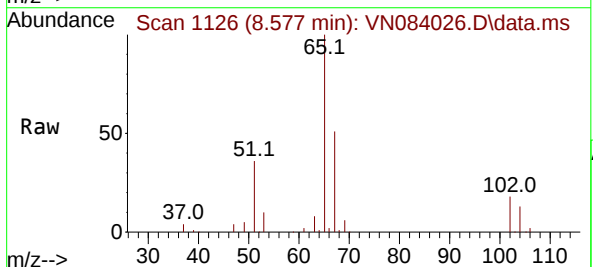
Manual Integrations
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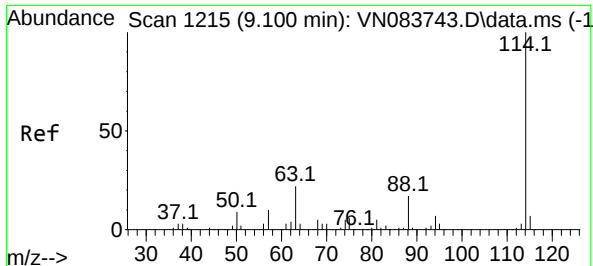
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#33
1,2-Dichloroethane-d4
Concen: 50.016 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084026.D
Acq: 19 Sep 2024 10:56

Tgt Ion: 65 Resp: 123148
Ion Ratio Lower Upper
65 100
67 51.1 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: VN084026.D

Acq: 19 Sep 2024 10:56

Instrument :

MSVOA_N

ClientSampleId :

FDF-5DL

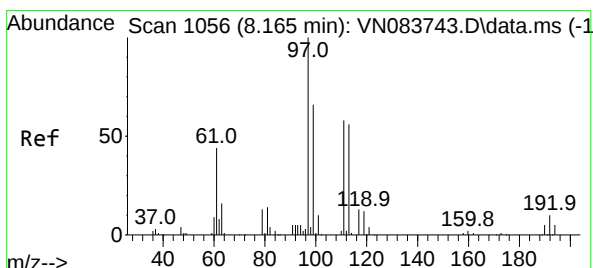
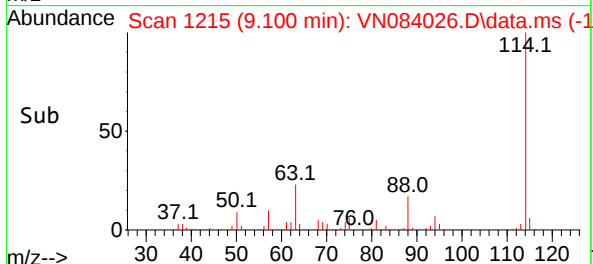
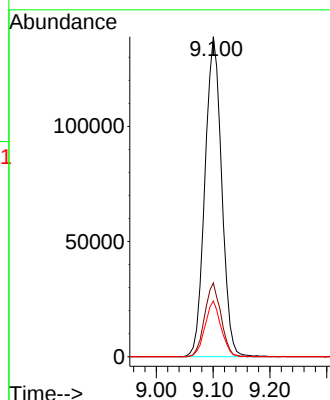
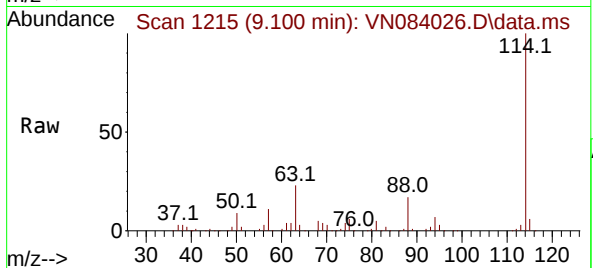
Tgt Ion:114 Resp: 28365
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 43.4
 88 17.4 0.0 32.6

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#35

Dibromofluoromethane

Concen: 49.047 ug/l

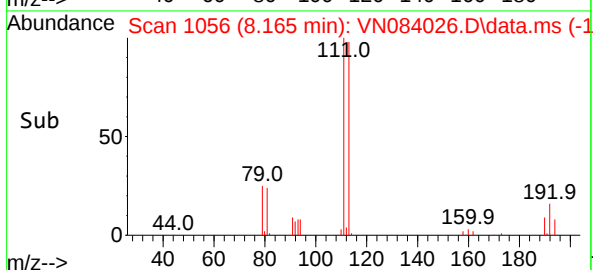
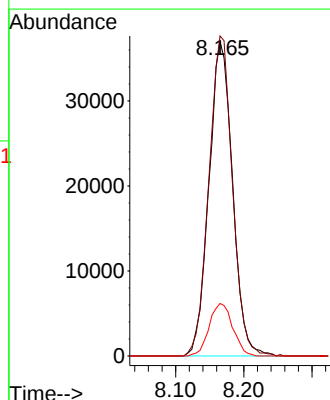
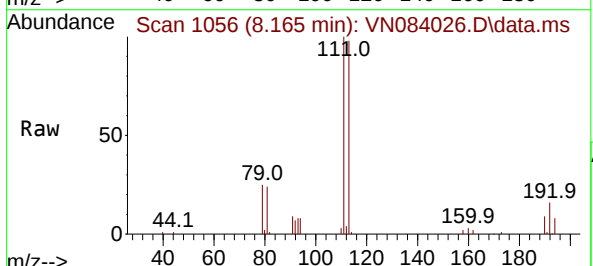
RT: 8.165 min Scan# 1056

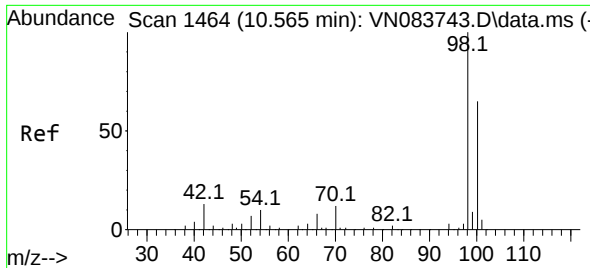
Delta R.T. 0.000 min

Lab File: VN084026.D

Acq: 19 Sep 2024 10:56

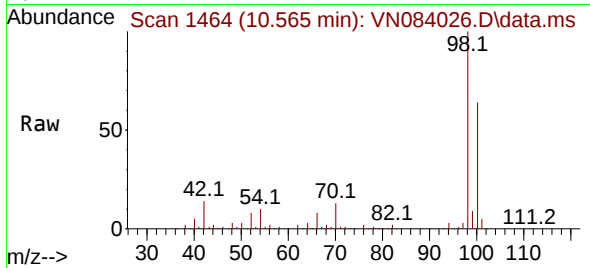
Tgt Ion:113 Resp: 89065
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.6 124.0
 192 16.7 14.3 21.5





#50
Toluene-d8
Concen: 54.924 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084026.D
Acq: 19 Sep 2024 10:56

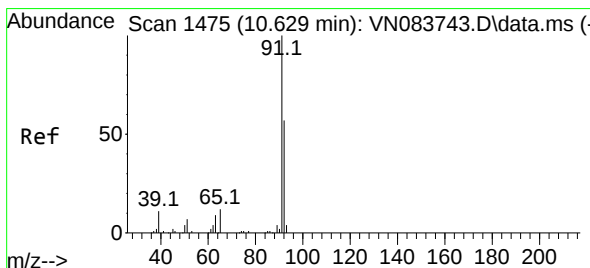
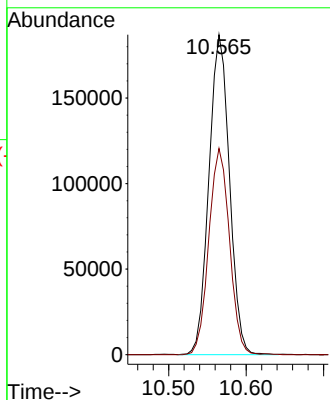
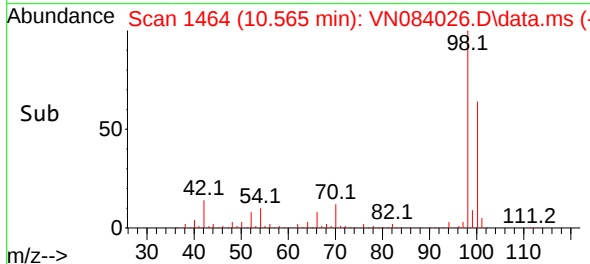
Instrument :
MSVOA_N
ClientSampleId :
FDF-5DL



Tgt Ion: 98 Resp: 344790
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

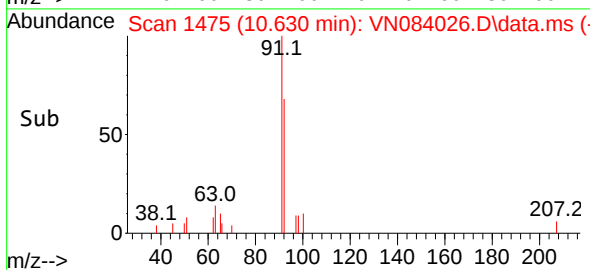
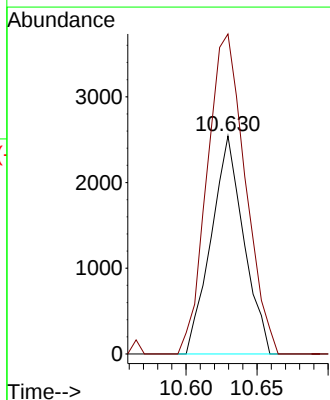
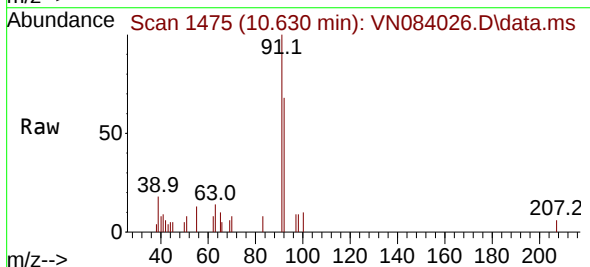
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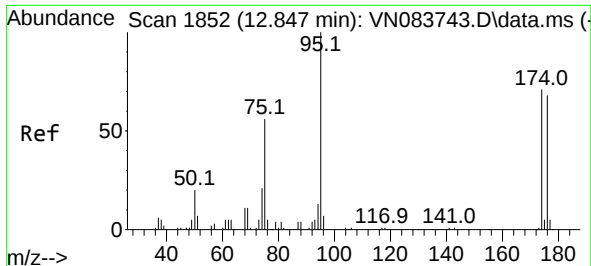
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#52
Toluene
Concen: 0.805 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084026.D
Acq: 19 Sep 2024 10:56

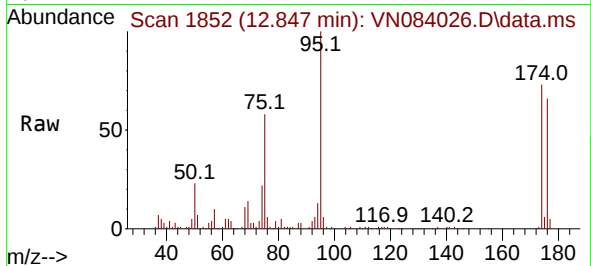
Tgt Ion: 92 Resp: 4050
Ion Ratio Lower Upper
92 100
91 172.2 134.7 202.1





#62
4-Bromofluorobenzene
Concen: 51.809 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084026.D
Acq: 19 Sep 2024 10:56

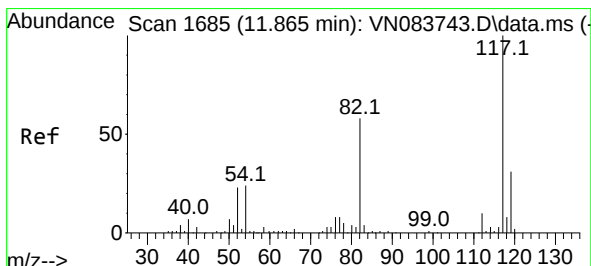
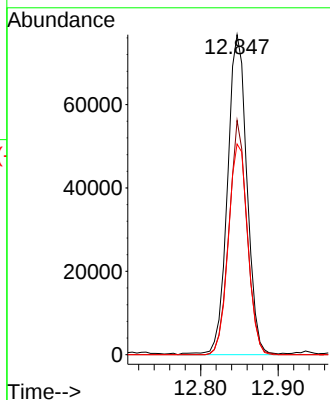
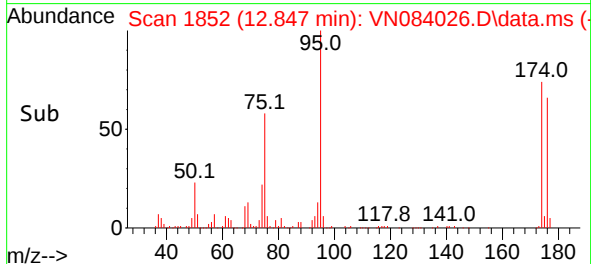
Instrument :
MSVOA_N
ClientSampleId :
FDF-5DL



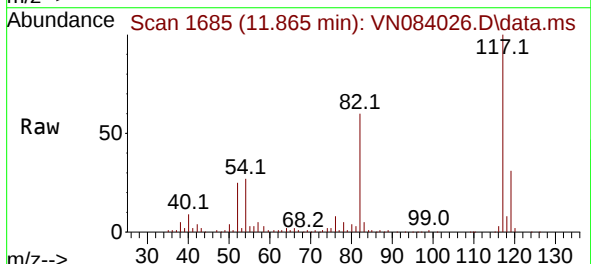
Tgt Ion: 95 Resp: 13418
Ion Ratio Lower Upper
95 100
174 67.6 0.0 139.8
176 65.5 0.0 131.4

Manual Integrations
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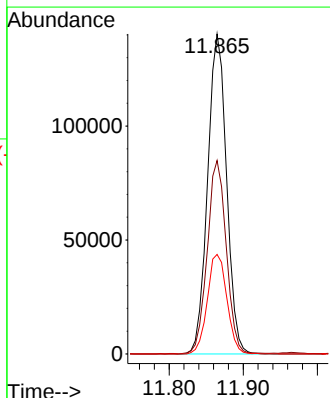
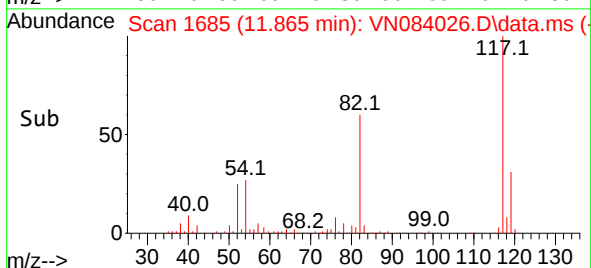
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

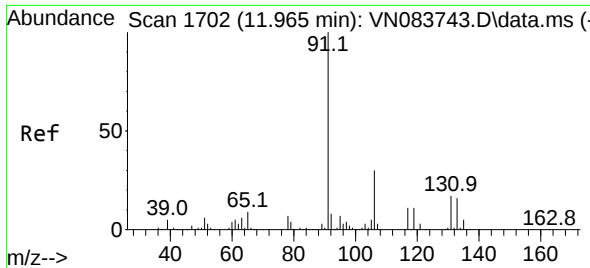


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084026.D
Acq: 19 Sep 2024 10:56



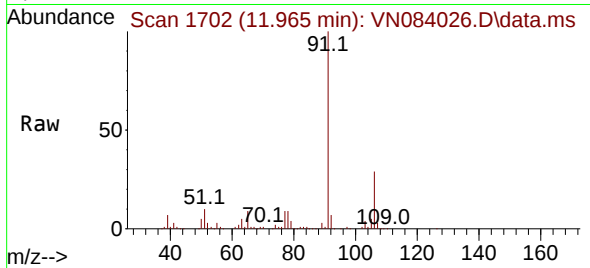
Tgt Ion:117 Resp: 249081
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.0
119 31.1 26.3 39.5





#67
Ethyl Benzene
Concen: 18.409 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084026.D
Acq: 19 Sep 2024 10:56

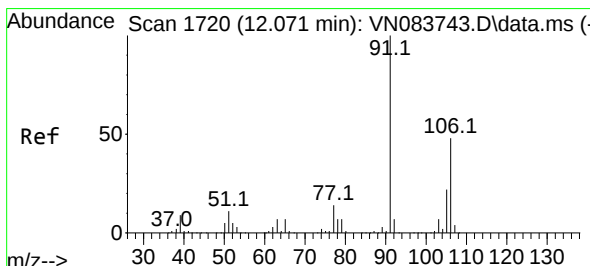
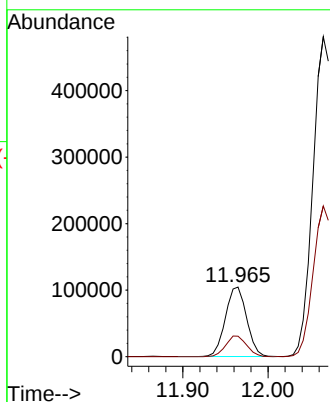
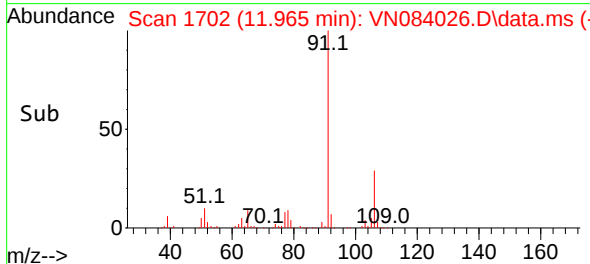
Instrument :
MSVOA_N
ClientSampleId :
FDF-5DL



Tgt Ion: 91 Resp: 181043
Ion Ratio Lower Upper
91 100
106 29.4 24.3 36.5

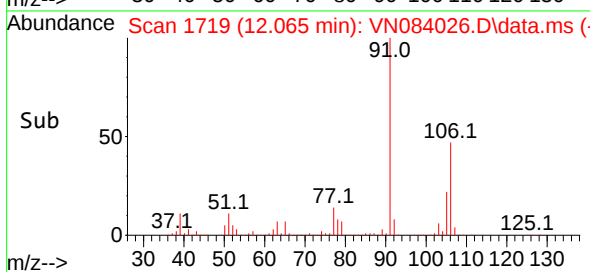
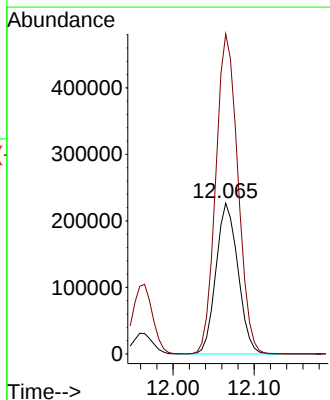
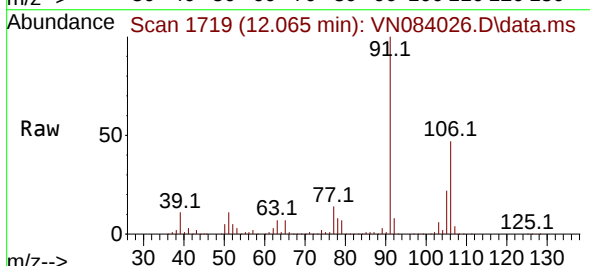
Manual Integrations
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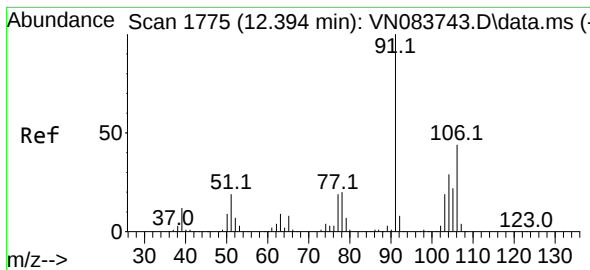
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#68
m/p-Xylenes
Concen: 116.856 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084026.D
Acq: 19 Sep 2024 10:56

Tgt Ion:106 Resp: 426653
Ion Ratio Lower Upper
106 100
91 213.3 169.2 253.8





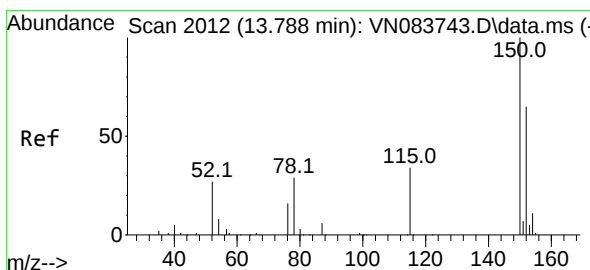
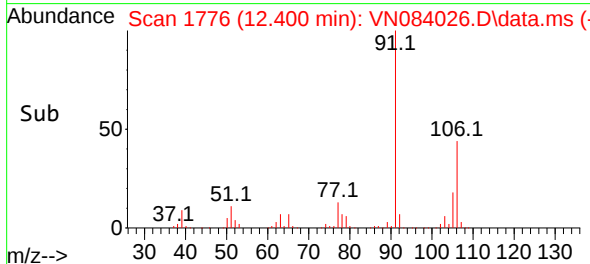
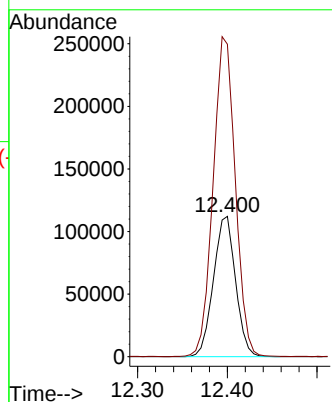
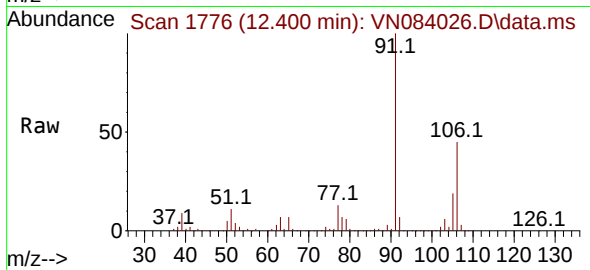
#69
o-Xylene
Concen: 54.216 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN084026.D
Acq: 19 Sep 2024 10:56

Instrument :
MSVOA_N
ClientSampleId :
FDF-5DL

Tgt Ion:106 Resp: 191620
Ion Ratio Lower Upper
106 100
91 229.3 112.9 338.6

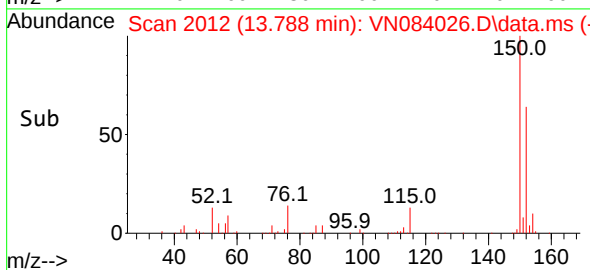
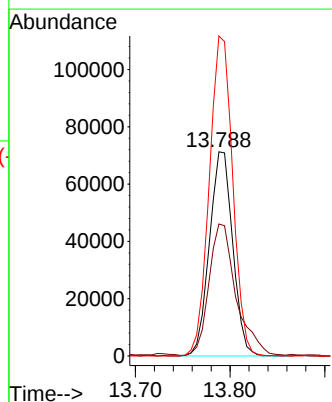
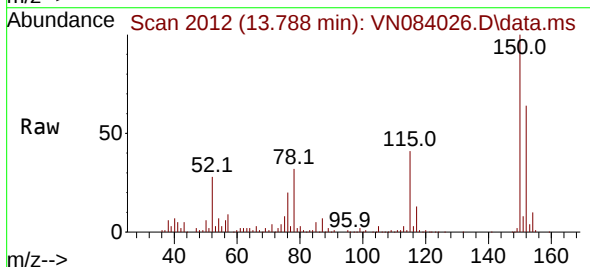
Manual Integrations
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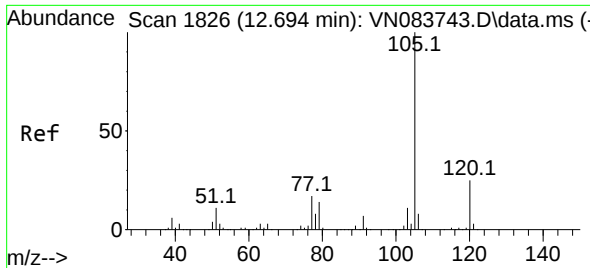
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN084026.D
Acq: 19 Sep 2024 10:56

Tgt Ion:152 Resp: 121723
Ion Ratio Lower Upper
152 100
115 74.6 32.2 96.6
150 157.5 0.0 348.6





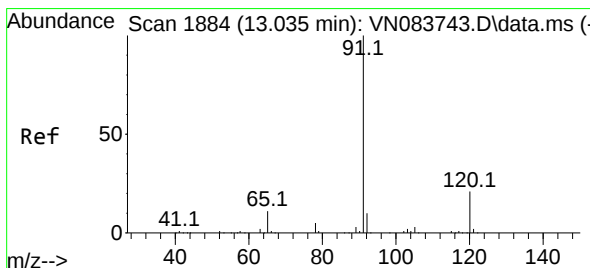
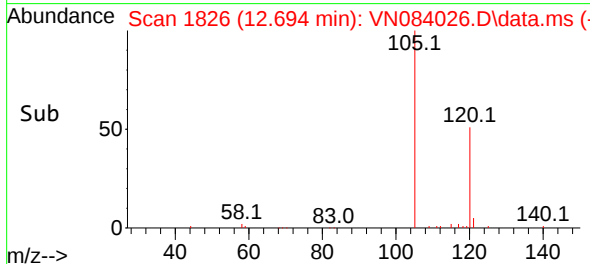
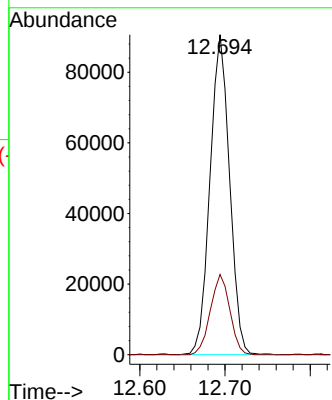
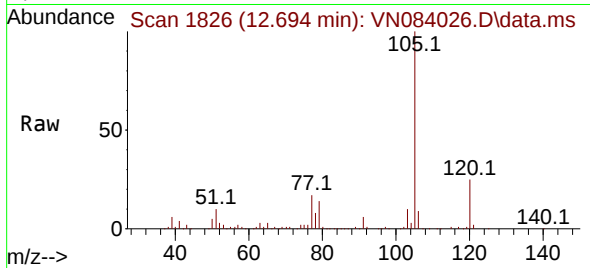
#73
Isopropylbenzene
Concen: 15.369 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084026.D
Acq: 19 Sep 2024 10:56

Instrument :
MSVOA_N
ClientSampleId :
FDF-5DL

Tgt Ion:105 Resp: 144738
Ion Ratio Lower Upper
105 100
120 24.9 12.6 37.8

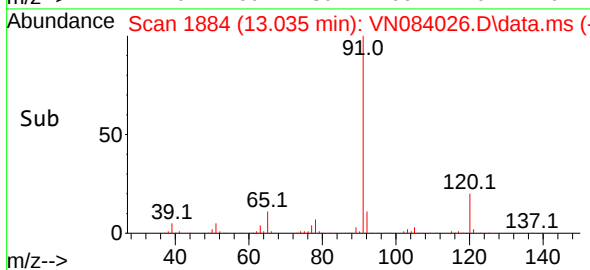
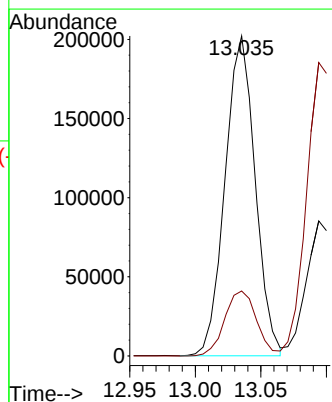
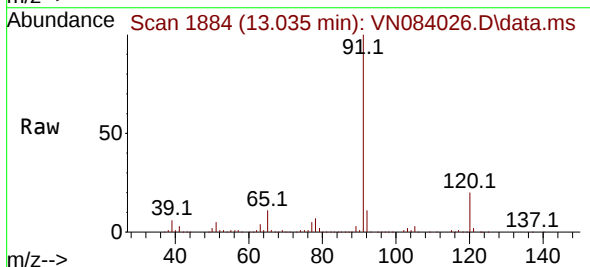
Manual Integrations
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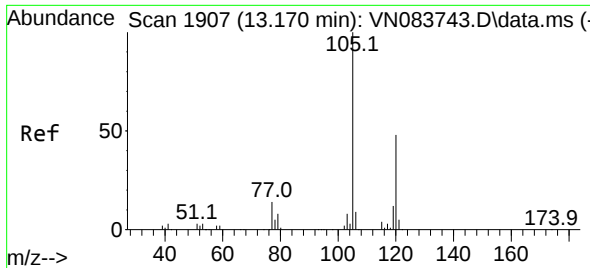
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#78
n-propylbenzene
Concen: 29.428 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084026.D
Acq: 19 Sep 2024 10:56

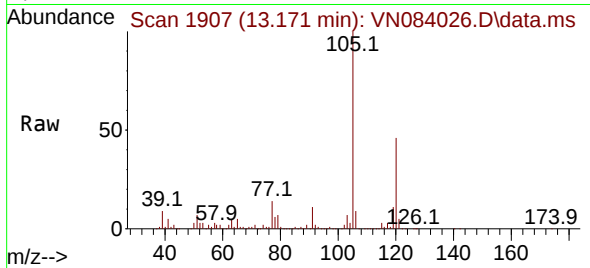
Tgt Ion: 91 Resp: 322442
Ion Ratio Lower Upper
91 100
120 21.6 11.0 33.0





#80
 1,3,5-Trimethylbenzene
 Concen: 54.880 ug/l
 RT: 13.171 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VN084026.D
 Acq: 19 Sep 2024 10:56

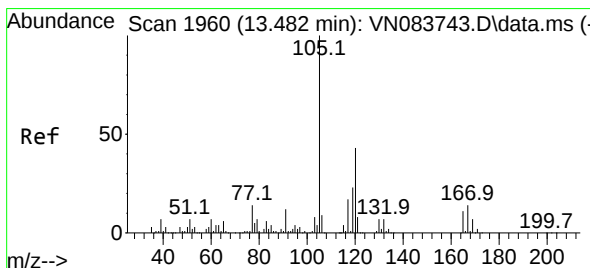
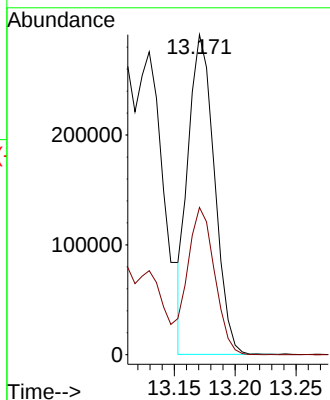
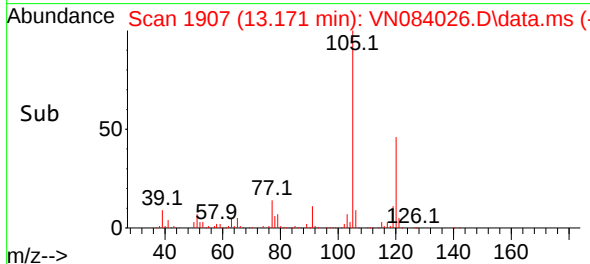
Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-5DL



Tgt Ion:105 Resp: 435720
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.4 70.3

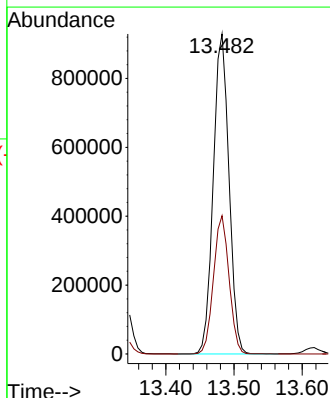
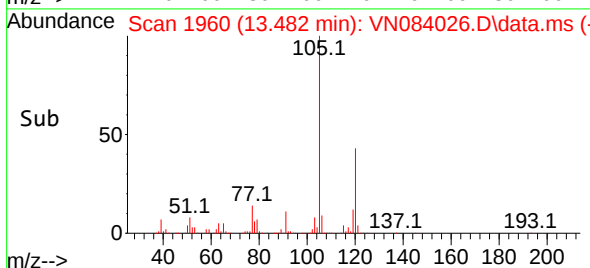
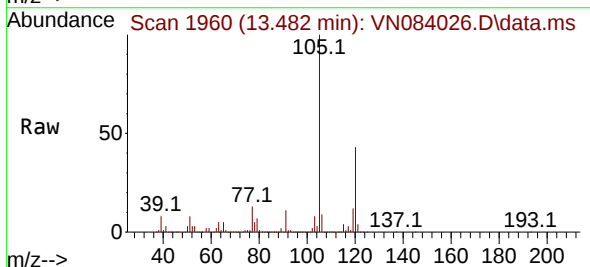
Manual Integrations
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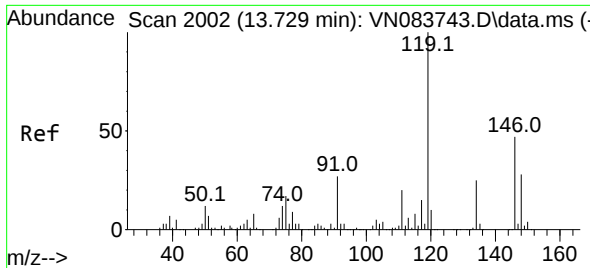
Reviewed By :John Carlone 09/19/2024
 Supervised By :Mahesh Dadoda 09/19/2024



#84
 1,2,4-Trimethylbenzene
 Concen: 186.461 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN084026.D
 Acq: 19 Sep 2024 10:56

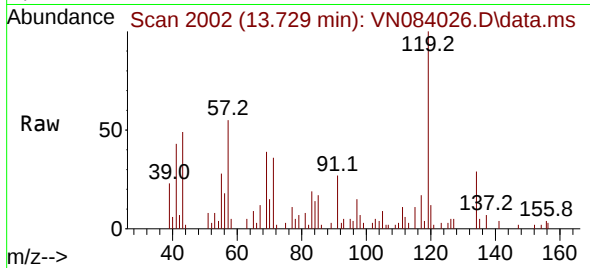
Tgt Ion:105 Resp: 1487110
 Ion Ratio Lower Upper
 105 100
 120 42.9 21.8 65.4





#86
p-Isopropyltoluene
Concen: 1.586 ug/l m
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084026.D
Acq: 19 Sep 2024 10:56

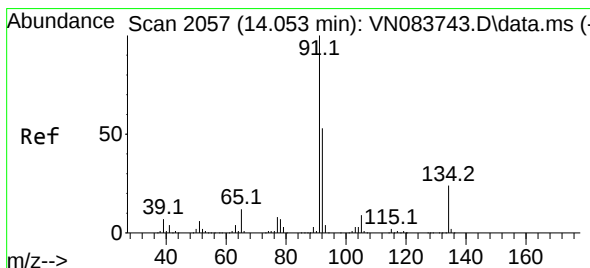
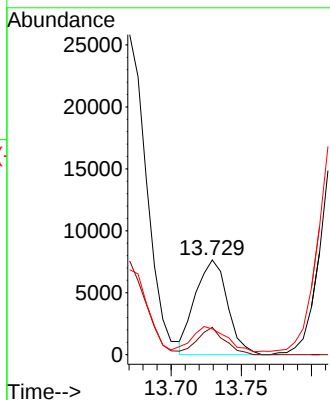
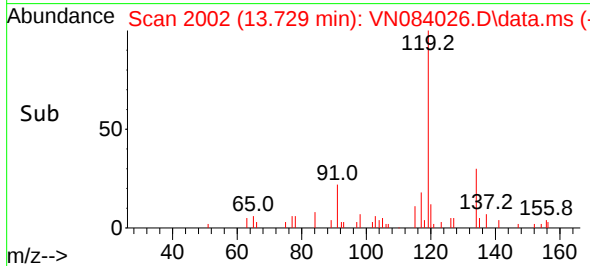
Instrument :
MSVOA_N
ClientSampleId :
FDF-5DL



Tgt Ion:119 Resp: 1224
Ion Ratio Lower Upper
119 100
134 94.2 12.8 38.3
91 83.3 12.9 38.7

Manual Integrations
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Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#89
n-Butylbenzene
Concen: 6.777 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084026.D
Acq: 19 Sep 2024 10:56

Tgt Ion: 91 Resp: 46986
Ion Ratio Lower Upper
91 100
92 52.1 26.7 80.1
134 0.0 12.2 36.4

