

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
 Data File : VN084374.D
 Acq On : 09 Oct 2024 17:56
 Operator : JC\MD
 Sample : P4358-04DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 24-ADL

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/10/2024
 Supervised By :Mahesh Dadoda 10/10/2024

Quant Time: Oct 10 01:24:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	182024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	322820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130406	48.319	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.640%		
35) Dibromofluoromethane	8.165	113	102257	48.048	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.100%		
50) Toluene-d8	10.565	98	392171	50.086	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.180%		
62) 4-Bromofluorobenzene	12.847	95	146747	51.444	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.880%		
Target Compounds					Qvalue	
16) Acetone	4.430	43	22591	19.486	ug/l	97
40) Benzene	8.606	78	278672	28.933	ug/l	99
43) Isopropyl Acetate	8.688	43	39641m	6.381	ug/l	
51) 4-Methyl-2-Pentanone	10.447	43	7600	2.517	ug/l	92
52) Toluene	10.629	92	186088	31.684	ug/l	99
67) Ethyl Benzene	11.965	91	35693	3.204	ug/l	100
68) m/p-Xylenes	12.065	106	111987	27.178	ug/l	97
69) o-Xylene	12.394	106	121861	31.259	ug/l	99
70) Styrene	12.412	104	38949	5.898	ug/l #	57
80) 1,3,5-Trimethylbenzene	13.170	105	38381	4.768	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	101759	12.549	ug/l	94
95) Naphthalene	15.641	128	4516725	631.748	ug/l	99

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

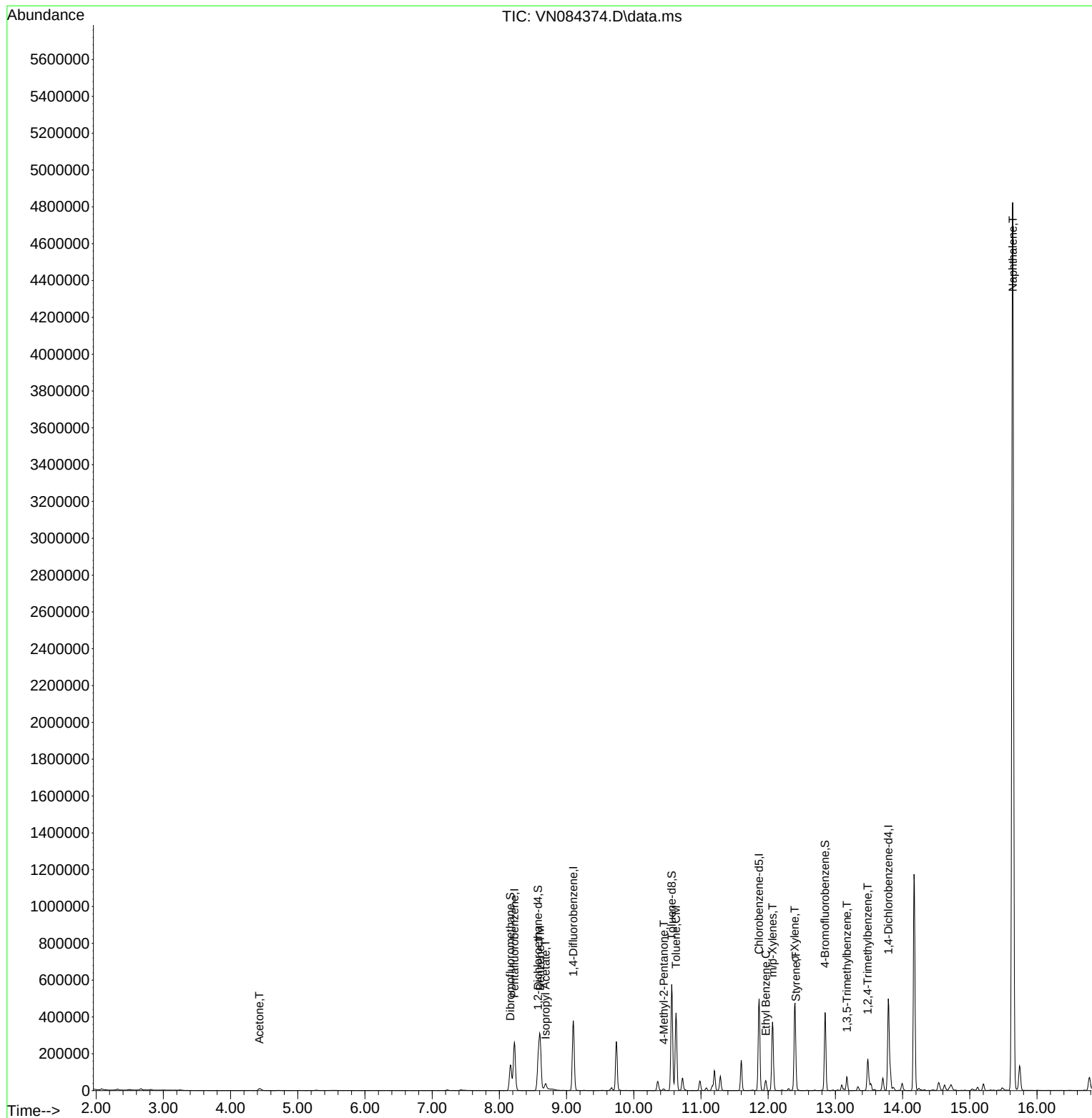
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
Data File : VN084374.D
Acq On : 09 Oct 2024 17:56
Operator : JC\MD
Sample : P4358-04DL 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

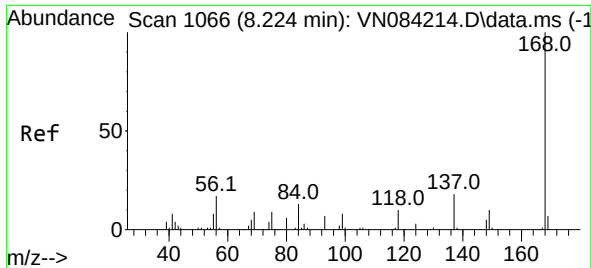
Instrument :
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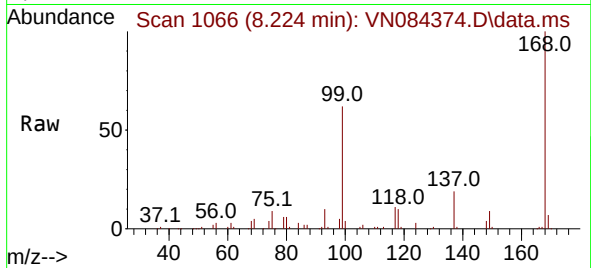
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084374.D
Acq: 09 Oct 2024 17:56

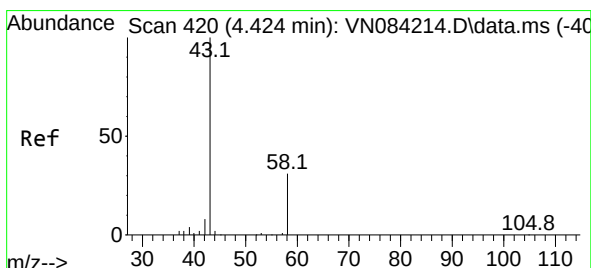
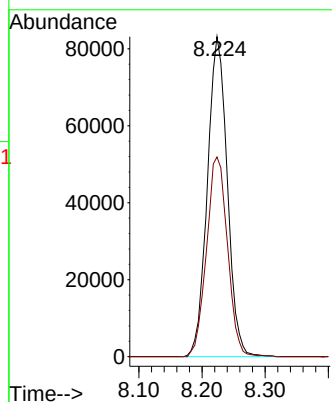
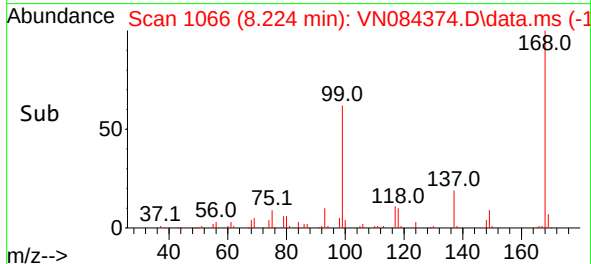
Instrument :
MSVOA_N
ClientSampleId :
24-ADL



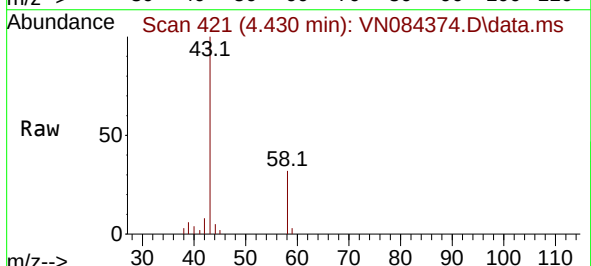
Tgt Ion:168 Resp: 182024
Ion Ratio Lower Upper
168 100
99 62.4 54.2 81.2

Manual Integrations
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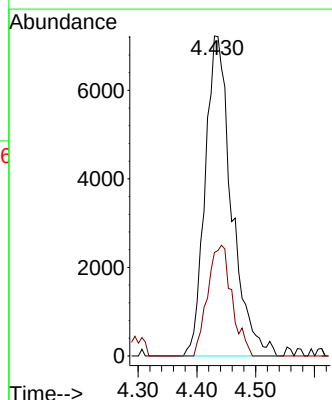
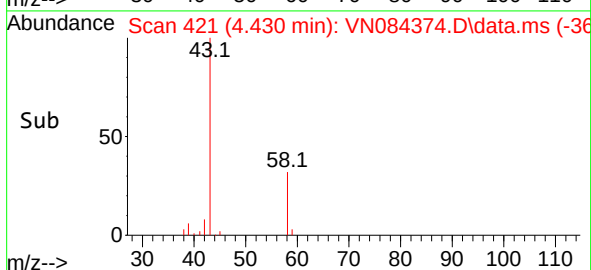
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024

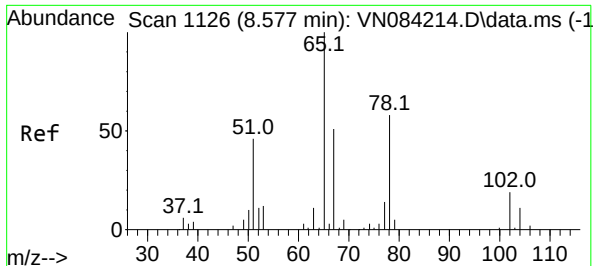


#16
Acetone
Concen: 19.486 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084374.D
Acq: 09 Oct 2024 17:56



Tgt Ion: 43 Resp: 22591
Ion Ratio Lower Upper
43 100
58 32.4 24.4 36.6





#33

1,2-Dichloroethane-d4

Concen: 48.319 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084374.D

Acq: 09 Oct 2024 17:56

Instrument :

MSVOA_N

ClientSampleId :

24-ADL

Tgt Ion: 65 Resp: 130400

Ion Ratio Lower Upper

65 100

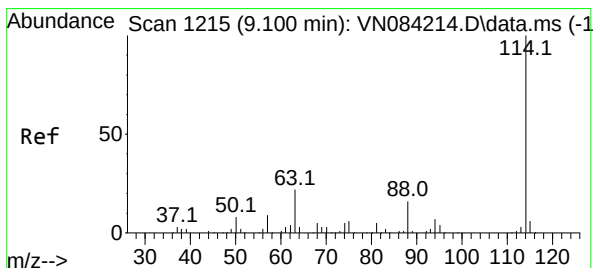
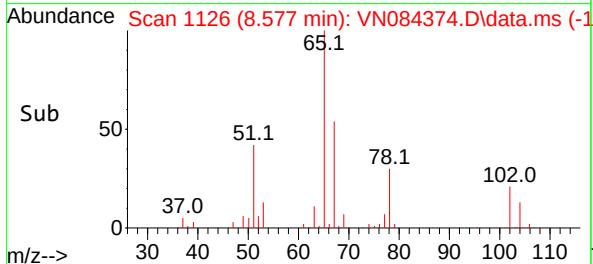
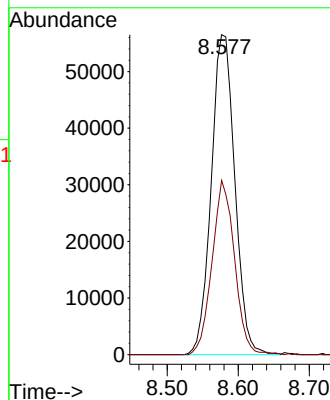
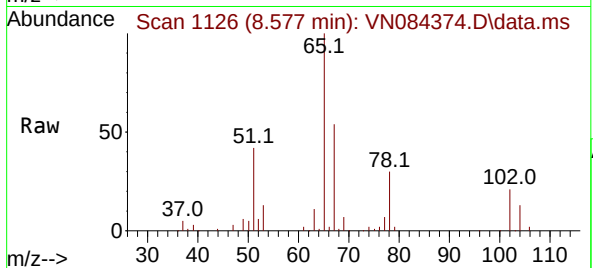
67 51.9 0.0 102.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084374.D

Acq: 09 Oct 2024 17:56

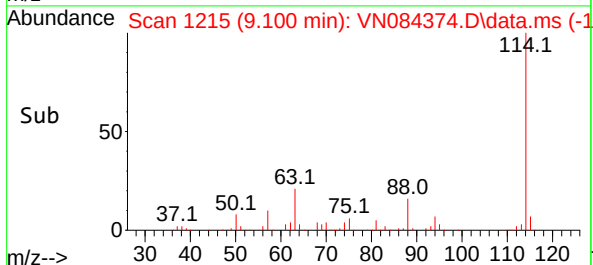
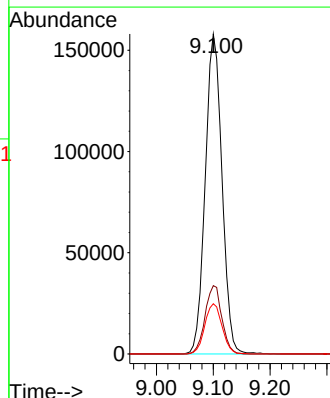
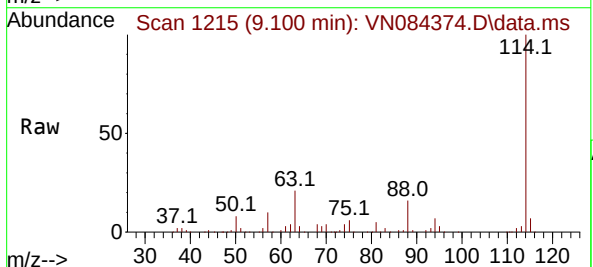
Tgt Ion:114 Resp: 322820

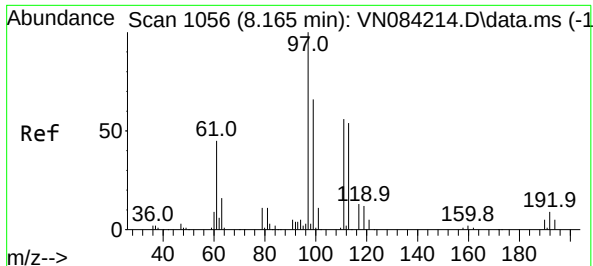
Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.8

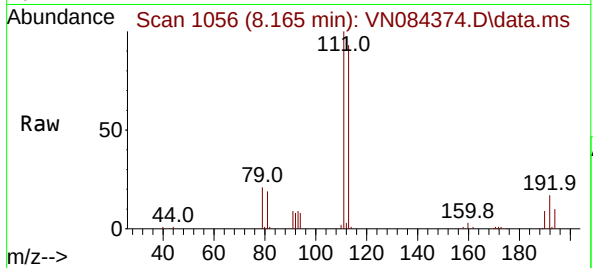
88 15.7 0.0 31.6





#35
Dibromofluoromethane
Concen: 48.048 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084374.D
Acq: 09 Oct 2024 17:56

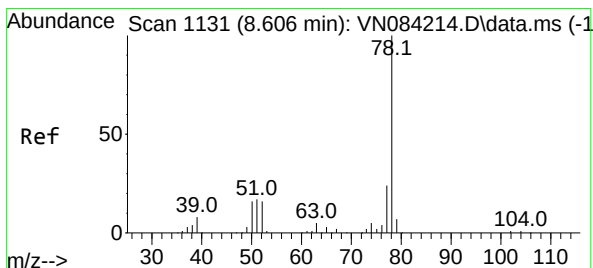
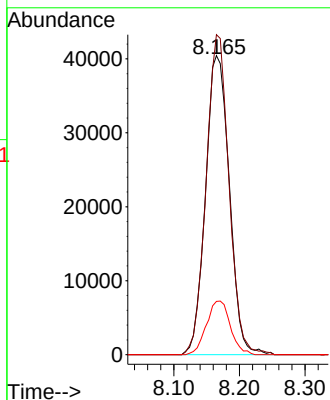
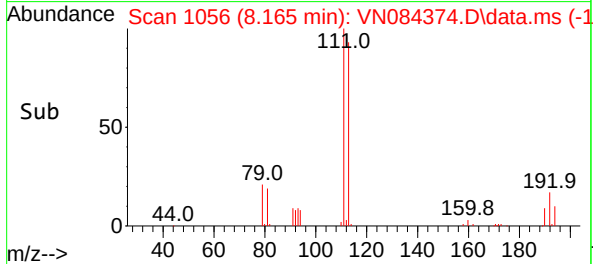
Instrument :
MSVOA_N
ClientSampleId :
24-ADL



Tgt Ion:113 Resp: 10225
Ion Ratio Lower Upper
113 100
111 102.5 83.3 124.9
192 17.9 13.5 20.3

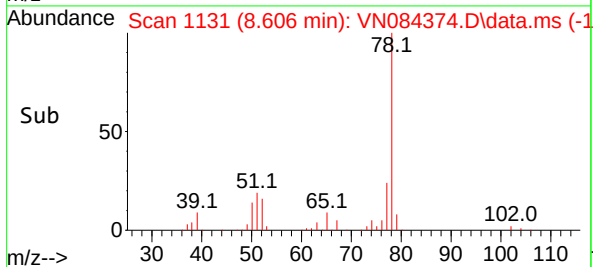
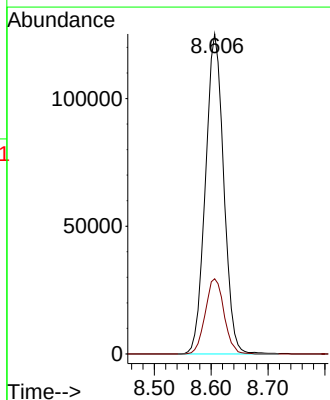
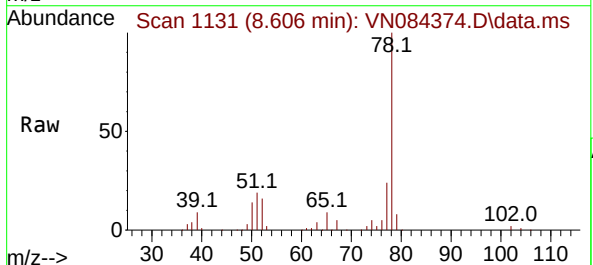
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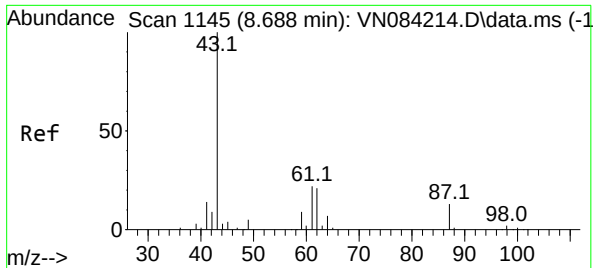
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#40
Benzene
Concen: 28.933 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084374.D
Acq: 09 Oct 2024 17:56

Tgt Ion: 78 Resp: 278672
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7





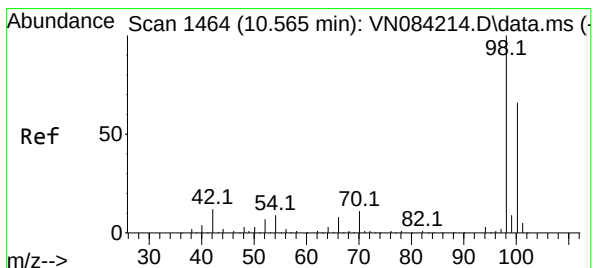
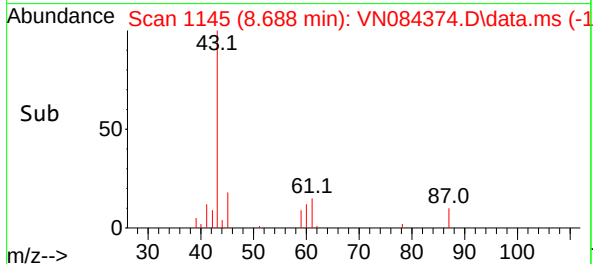
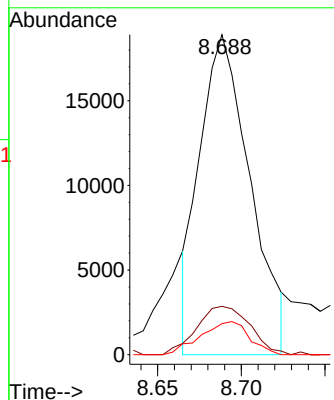
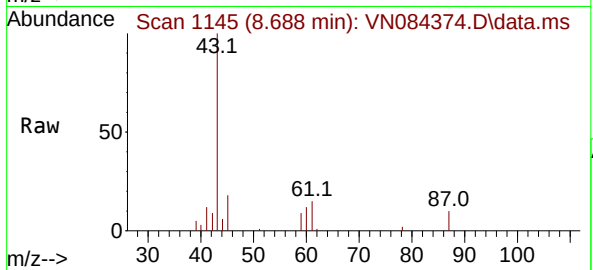
#43
Isopropyl Acetate
Concen: 6.381 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084374.D
Acq: 09 Oct 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
24-ADL

Tgt Ion: 43 Resp: 3964
Ion Ratio Lower Upper
43 100
61 16.1 20.4 30.6
87 10.0 10.3 15.5

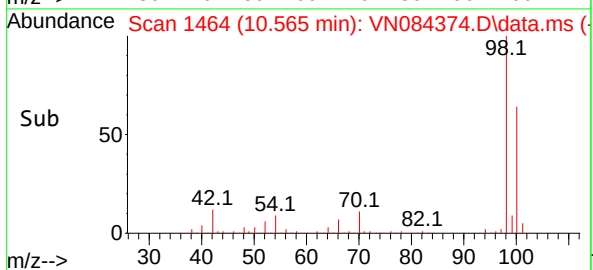
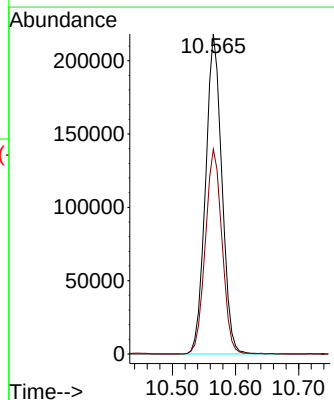
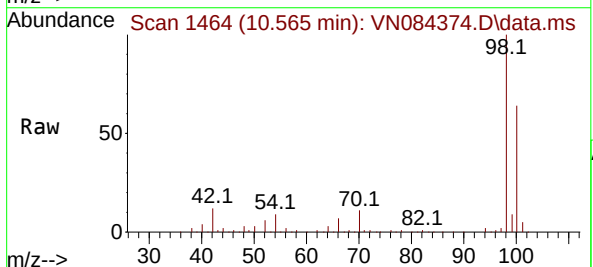
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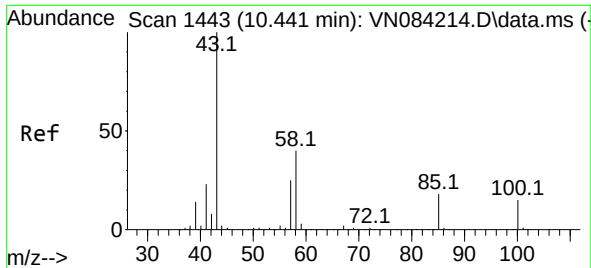
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#50
Toluene-d8
Concen: 50.086 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084374.D
Acq: 09 Oct 2024 17:56

Tgt Ion: 98 Resp: 392171
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1





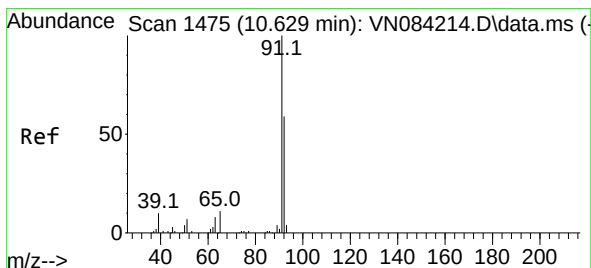
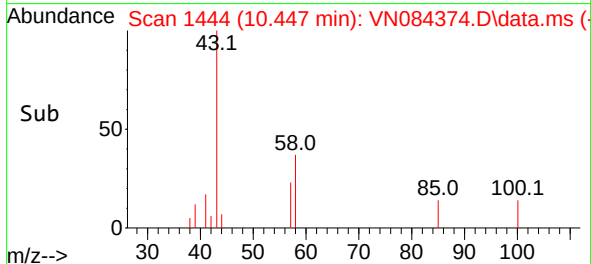
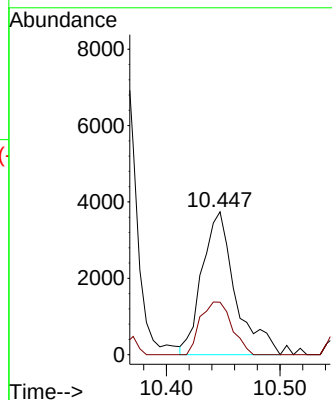
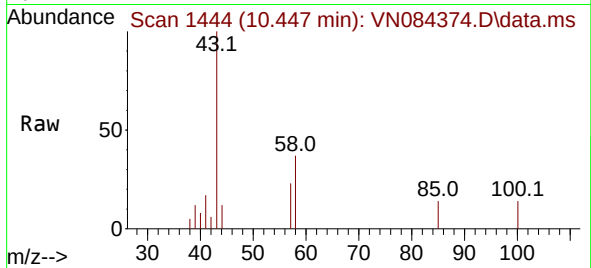
#51
4-Methyl-2-Pentanone
Concen: 2.517 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN084374.D
Acq: 09 Oct 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
24-ADL

Tgt Ion: 43 Resp: 7600
Ion Ratio Lower Upper
43 100
58 34.9 31.6 47.4

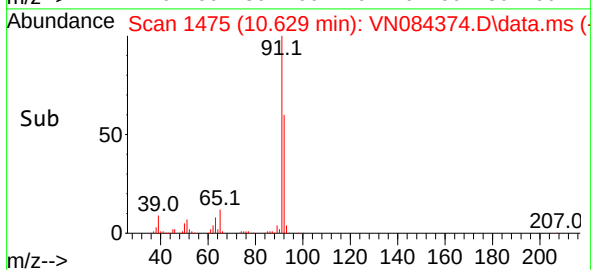
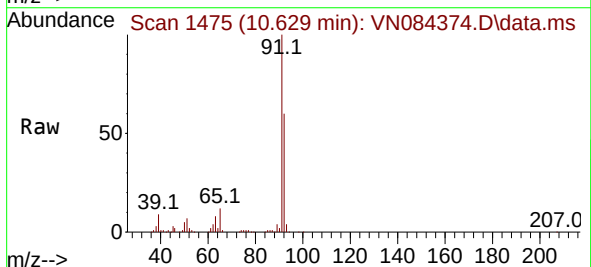
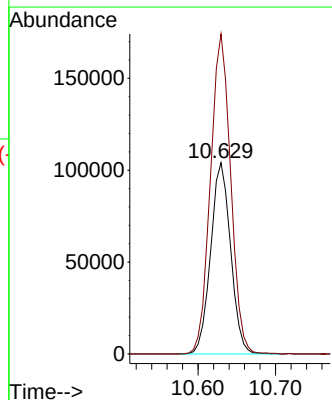
Manual Integrations
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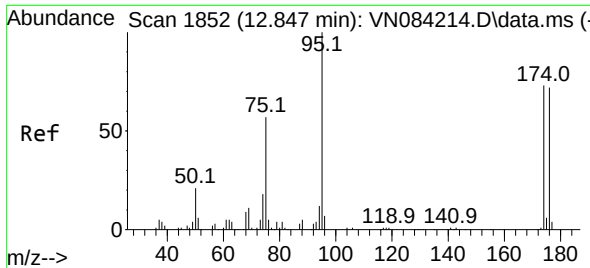
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#52
Toluene
Concen: 31.684 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084374.D
Acq: 09 Oct 2024 17:56

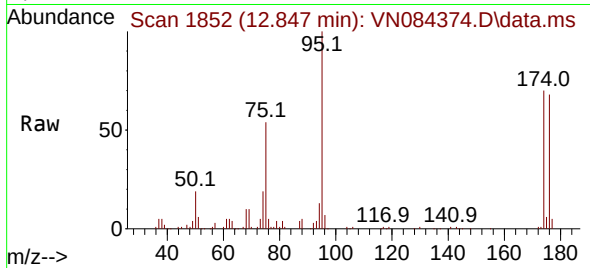
Tgt Ion: 92 Resp: 186088
Ion Ratio Lower Upper
92 100
91 169.9 137.3 205.9





#62
4-Bromofluorobenzene
Concen: 51.444 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084374.D
Acq: 09 Oct 2024 17:56

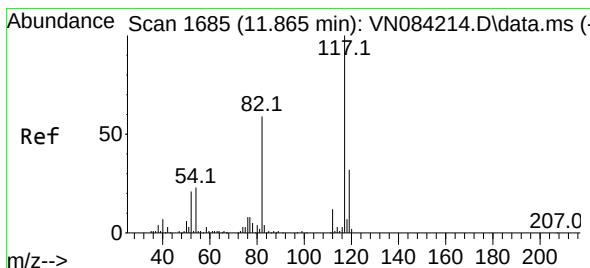
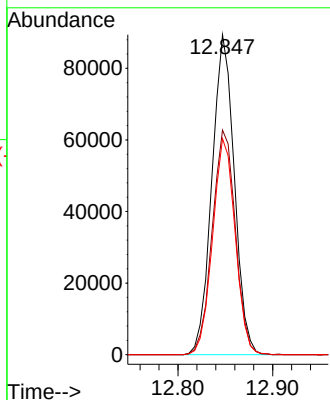
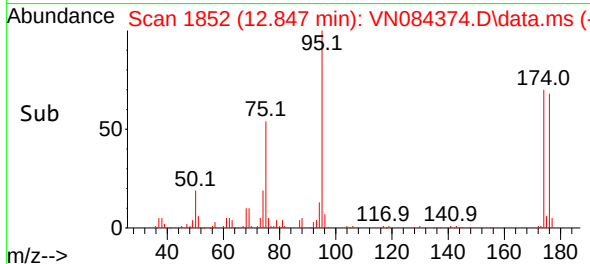
Instrument :
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24-ADL



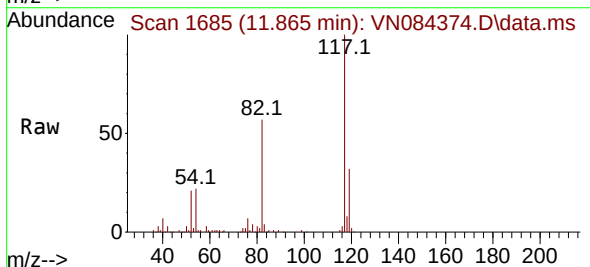
Tgt Ion: 95 Resp: 14674
Ion Ratio Lower Upper
95 100
174 72.6 0.0 145.2
176 68.3 0.0 140.0

Manual Integrations
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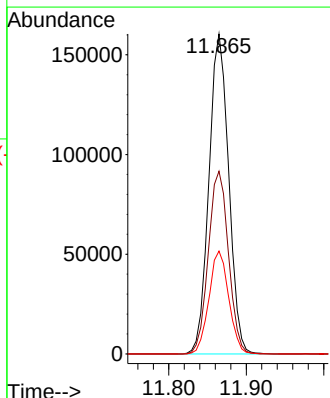
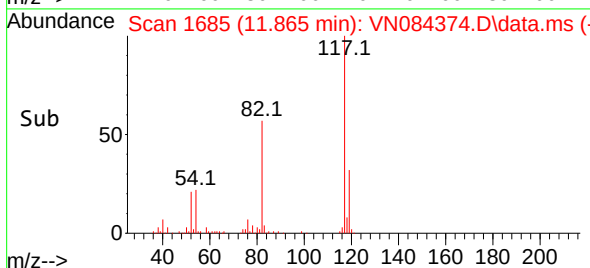
Reviewed By :John Carlone 10/10/2024
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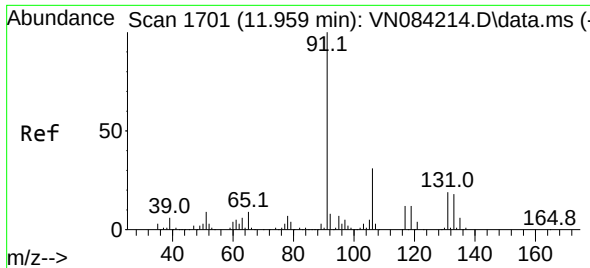


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084374.D
Acq: 09 Oct 2024 17:56



Tgt Ion:117 Resp: 284081
Ion Ratio Lower Upper
117 100
82 57.1 47.2 70.8
119 32.2 25.4 38.0





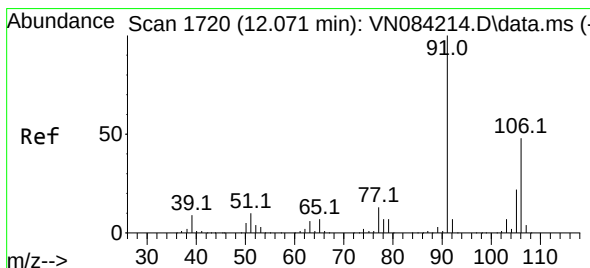
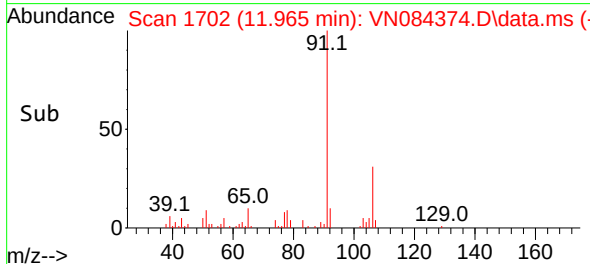
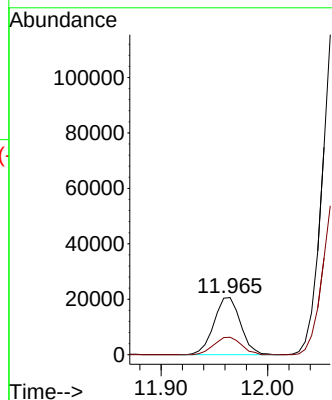
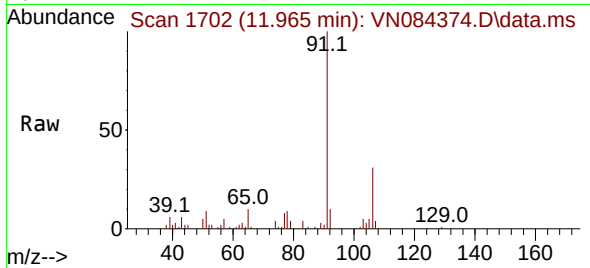
#67
Ethyl Benzene
Concen: 3.204 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084374.D
Acq: 09 Oct 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
24-ADL

Tgt Ion: 91 Resp: 3569
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7

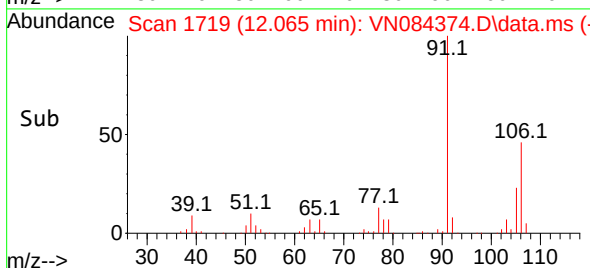
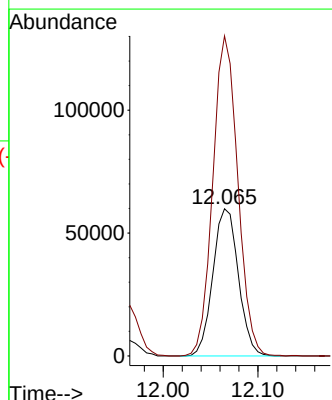
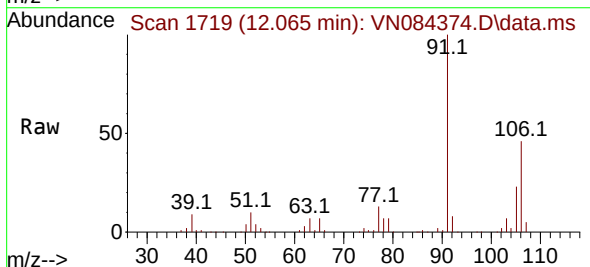
Manual Integrations
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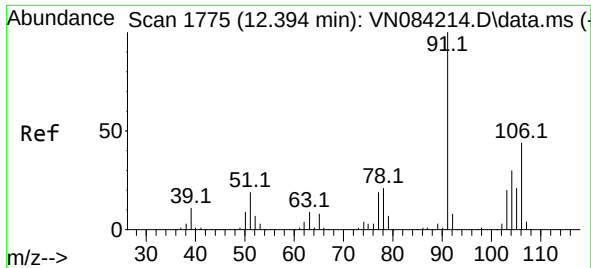
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#68
m/p-Xylenes
Concen: 27.178 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084374.D
Acq: 09 Oct 2024 17:56

Tgt Ion:106 Resp: 111987
Ion Ratio Lower Upper
106 100
91 213.1 167.1 250.7





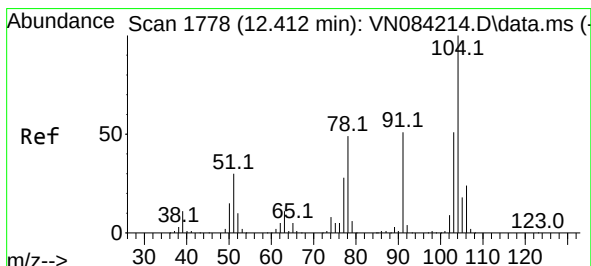
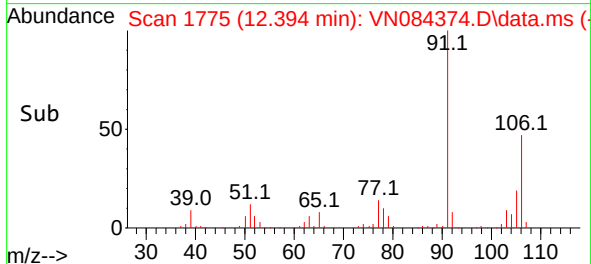
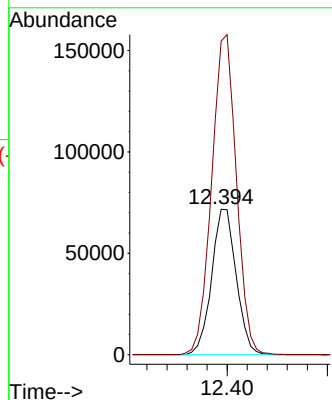
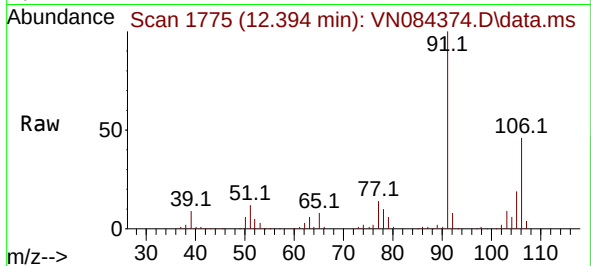
#69
o-Xylene
Concen: 31.259 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084374.D
Acq: 09 Oct 2024 17:56

Instrument :
MSVOA_N
ClientSampleId :
24-ADL

Tgt Ion:106 Resp: 12186
Ion Ratio Lower Upper
106 100
91 221.8 110.2 330.6

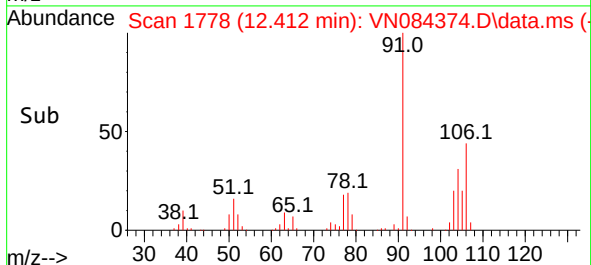
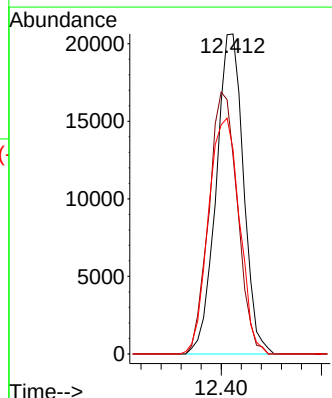
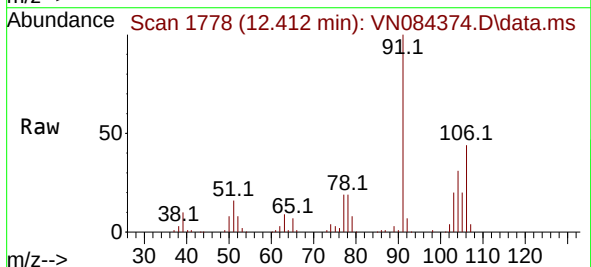
Manual Integrations
APPROVED

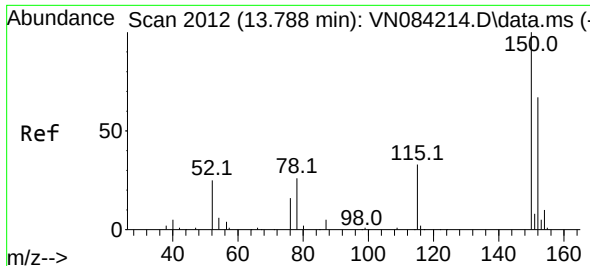
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#70
Styrene
Concen: 5.898 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN084374.D
Acq: 09 Oct 2024 17:56

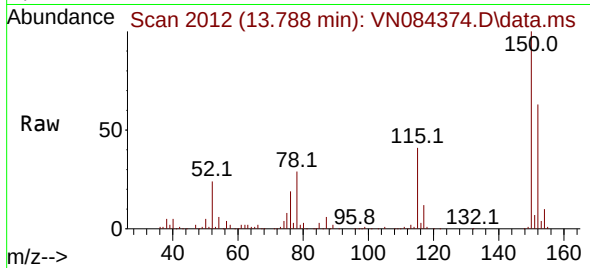
Tgt Ion:104 Resp: 38949
Ion Ratio Lower Upper
104 100
78 85.9 42.7 64.1#
103 84.0 43.6 65.4#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN084374.D
 Acq: 09 Oct 2024 17:56

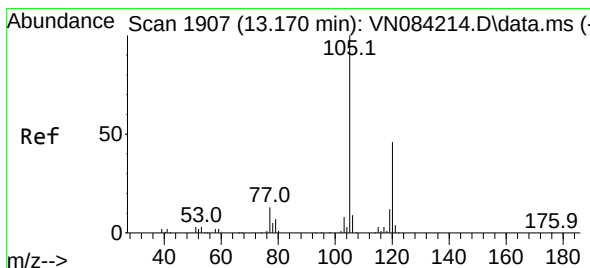
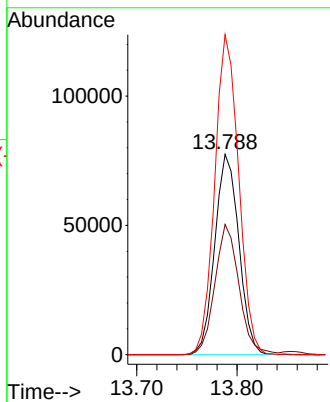
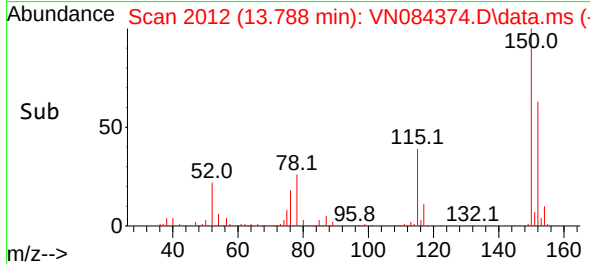
Instrument :
 MSVOA_N
 ClientSampleId :
 24-ADL



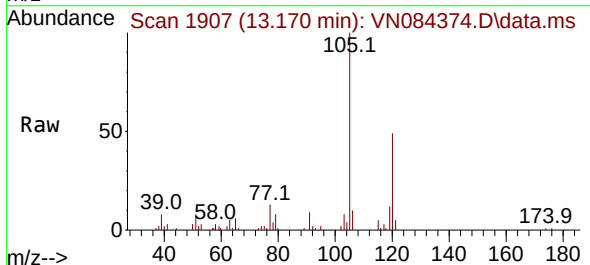
Tgt Ion:152 Resp: 129314
 Ion Ratio Lower Upper
 152 100
 115 65.2 31.3 93.9
 150 158.9 0.0 349.8

Manual Integrations
 APPROVED

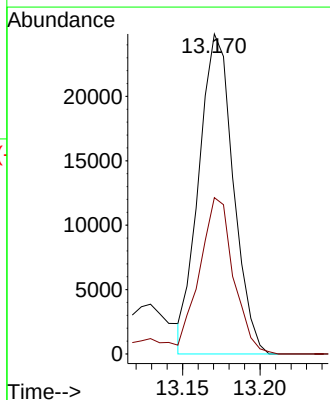
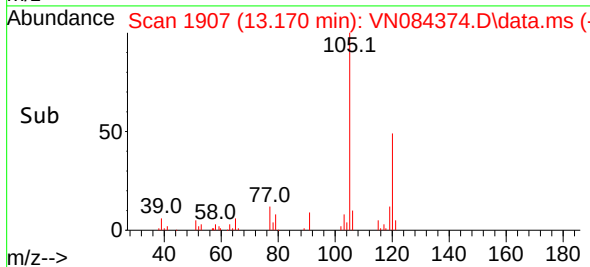
Reviewed By :John Carlone 10/10/2024
 Supervised By :Mahesh Dadoda 10/10/2024

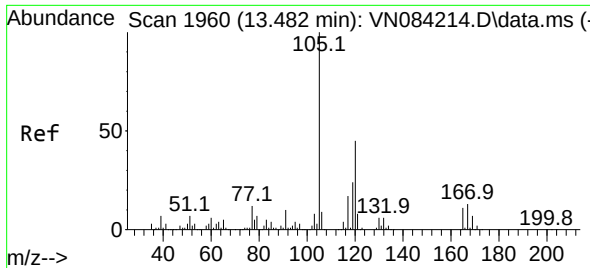


#80
 1,3,5-Trimethylbenzene
 Concen: 4.768 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VN084374.D
 Acq: 09 Oct 2024 17:56



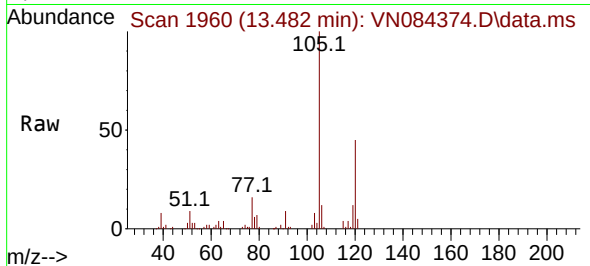
Tgt Ion:105 Resp: 38381
 Ion Ratio Lower Upper
 105 100
 120 49.4 23.7 71.1





#84
1,2,4-Trimethylbenzene
Concen: 12.549 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084374.D
Acq: 09 Oct 2024 17:56

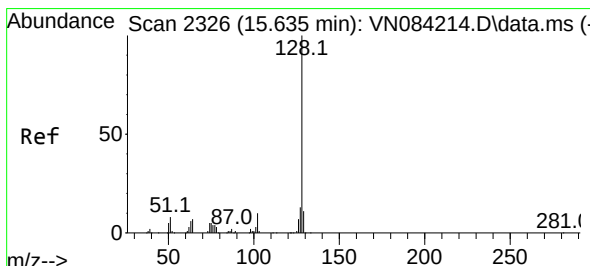
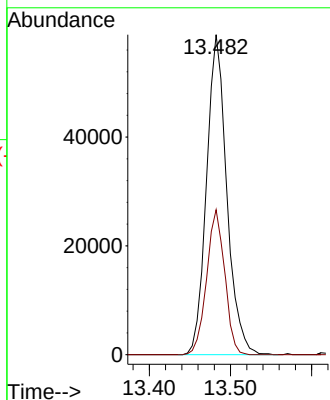
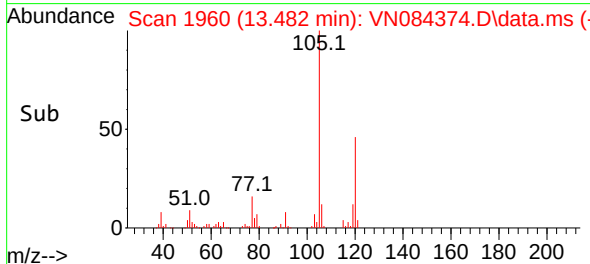
Instrument :
MSVOA_N
ClientSampleId :
24-ADL



Tgt Ion:105 Resp: 101759
Ion Ratio Lower Upper
105 100
120 40.4 22.3 66.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#95
Naphthalene
Concen: 631.748 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084374.D
Acq: 09 Oct 2024 17:56

Tgt Ion:128 Resp: 4516725
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.9 8.7 13.1

