

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
 Data File : VN084367.D
 Acq On : 09 Oct 2024 15:08
 Operator : JC\MD
 Sample : P4358-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 23-B

Manual Integrations
 APPROVED

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

Quant Time: Oct 10 01:21:21 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	179883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	128749	48.273	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.540%		
35) Dibromofluoromethane	8.171	113	102531	47.219	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.440%		
50) Toluene-d8	10.565	98	396296	49.606	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.220%		
62) 4-Bromofluorobenzene	12.847	95	148502	51.024	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.040%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	36875	32.185	ug/l	94
20) Methylene Chloride	5.277	84	6320	2.714	ug/l	91
25) 2-Butanone	7.483	43	10051	6.441	ug/l #	86
40) Benzene	8.606	78	320802	32.645	ug/l	100
43) Isopropyl Acetate	8.688	43	223826m	35.315	ug/l	
52) Toluene	10.629	92	250843	41.860	ug/l	100
67) Ethyl Benzene	11.965	91	58075	5.113	ug/l	99
68) m/p-Xylenes	12.065	106	187443	44.611	ug/l	99
69) o-Xylene	12.394	106	218029	54.845	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	100537	11.805	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	241350	28.132	ug/l	92
95) Naphthalene	15.641	128	12946878	1711.553	ug/l	99

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

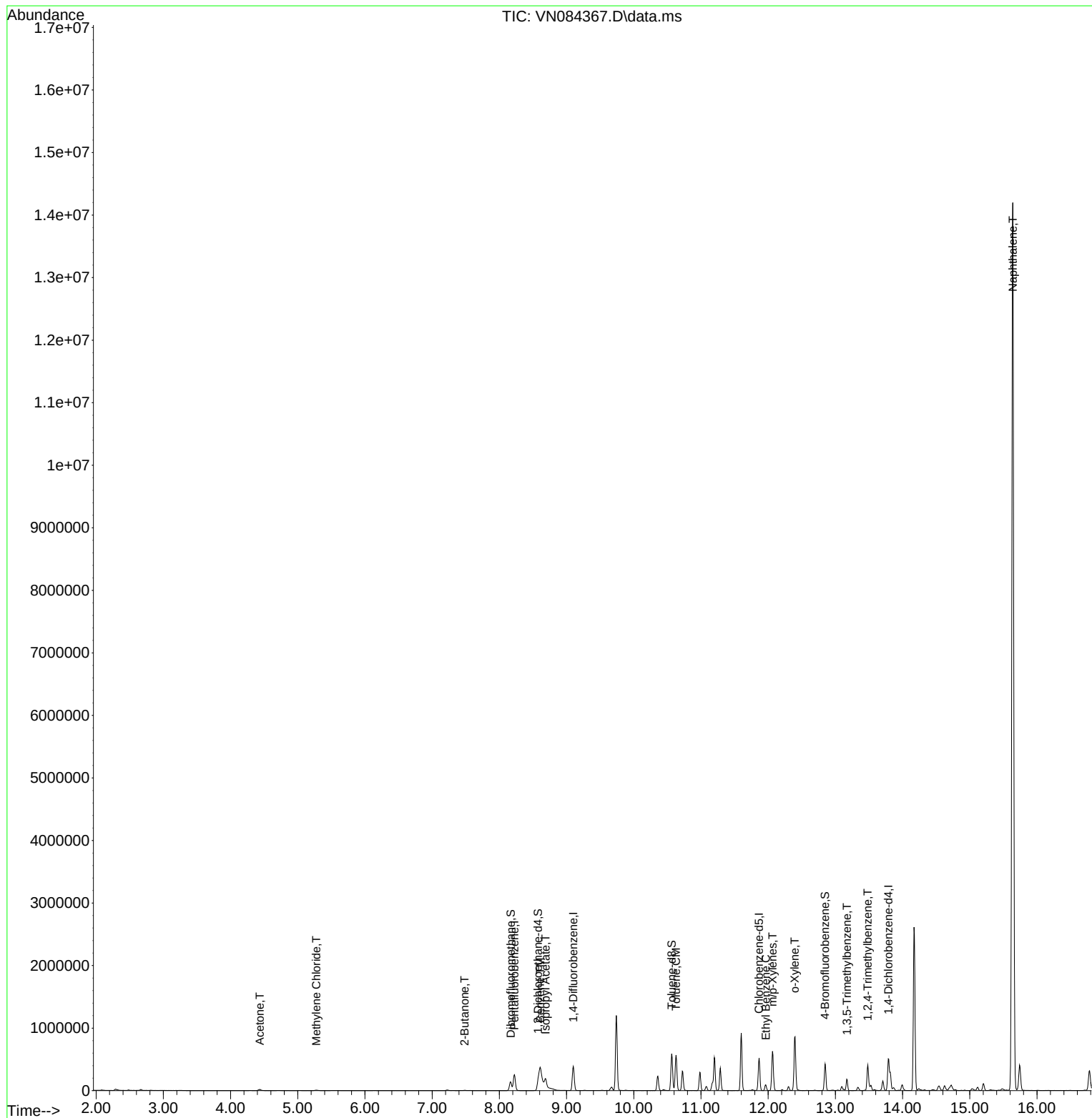
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
Data File : VN084367.D
Acq On : 09 Oct 2024 15:08
Operator : JC\MD
Sample : P4358-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

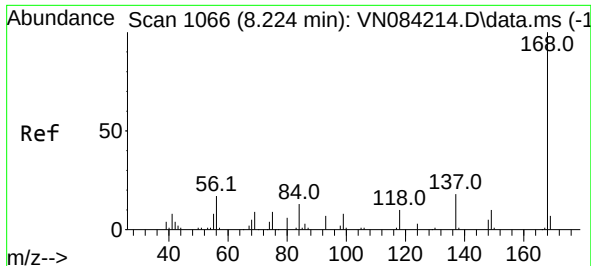
Instrument :
MSVOA_N
ClientSampleId :
23-B

Manual Integrations
APPROVED

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

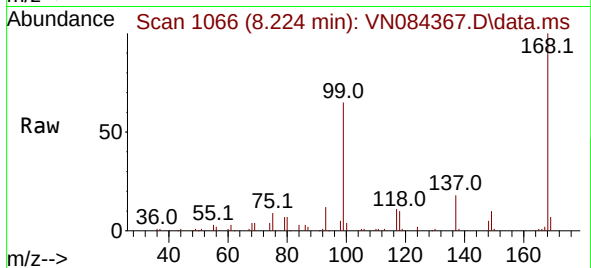
Quant Time: Oct 10 01:21:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

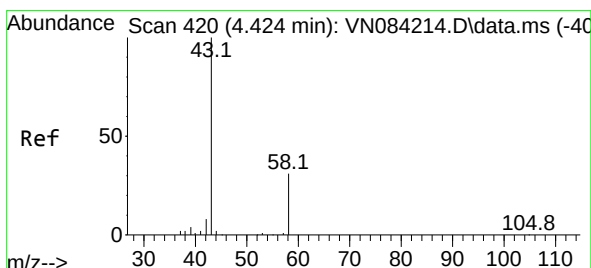
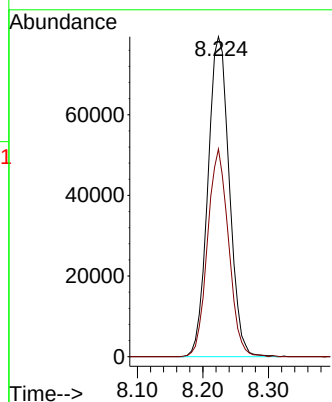
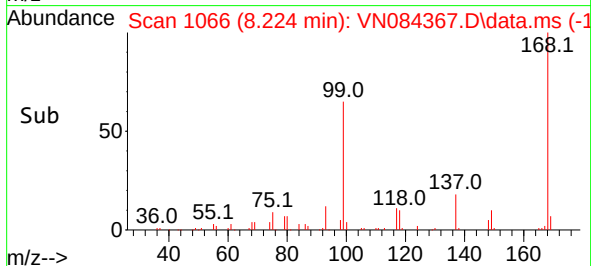
Instrument :
MSVOA_N
ClientSampleId :
23-B



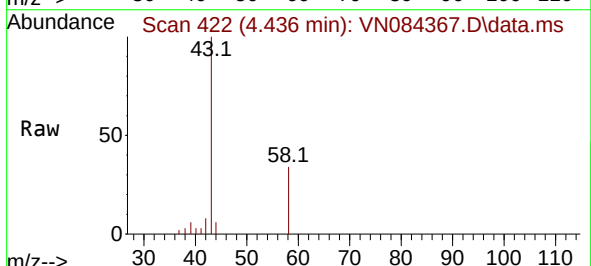
Tgt Ion:168 Resp: 17988
Ion Ratio Lower Upper
168 100
99 64.9 54.2 81.2

Manual Integrations
APPROVED

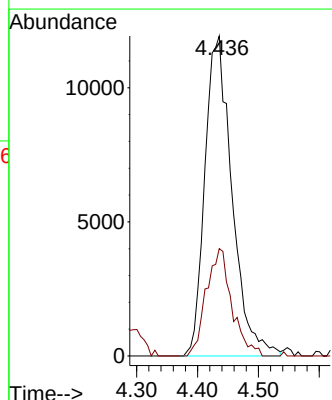
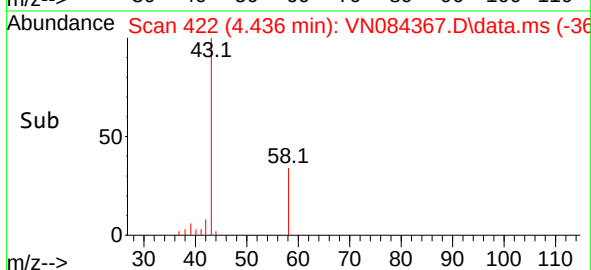
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024

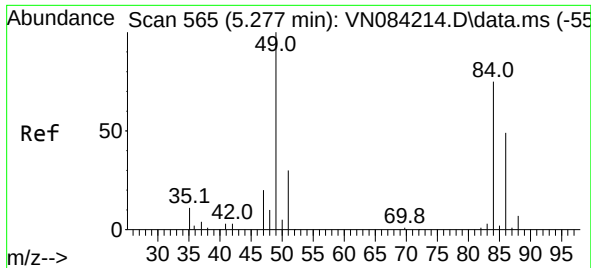


#16
Acetone
Concen: 32.185 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08



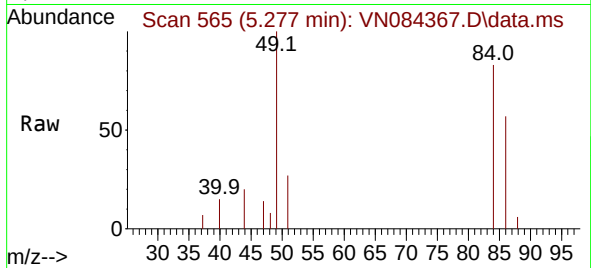
Tgt Ion: 43 Resp: 36875
Ion Ratio Lower Upper
43 100
58 33.5 24.4 36.6





#20
Methylene Chloride
Concen: 2.714 ug/l
RT: 5.277 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

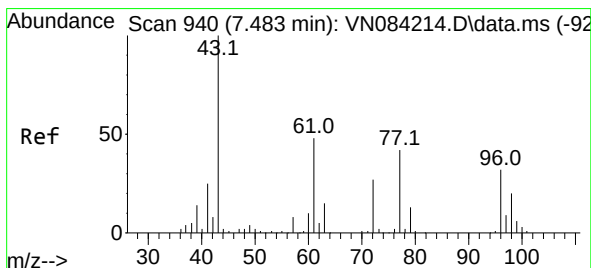
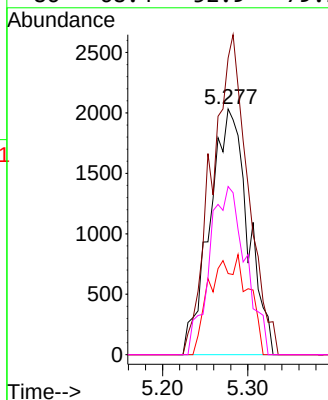
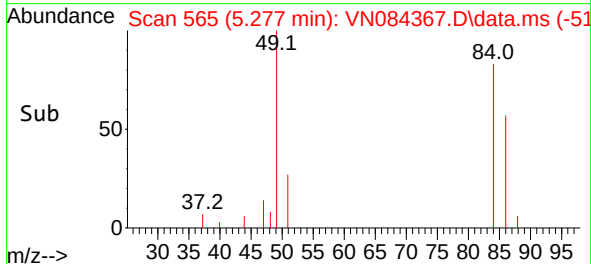
Instrument :
MSVOA_N
ClientSampleId :
23-B



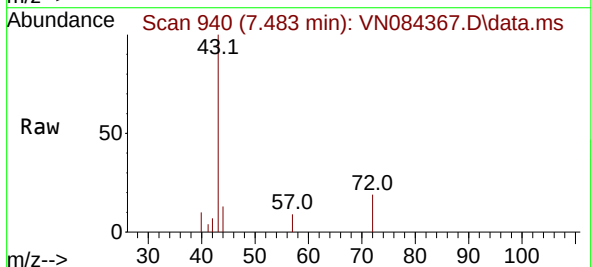
Tgt Ion: 84 Resp: 6320
Ion Ratio Lower Upper
84 100
49 120.7 107.2 160.8
51 33.0 31.8 47.8
86 68.4 52.9 79.3

Manual Integrations
APPROVED

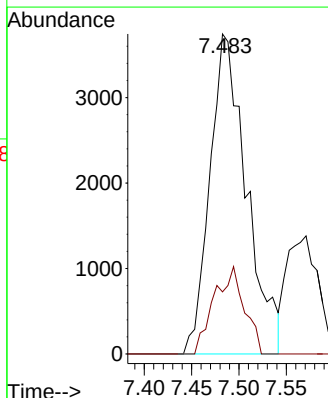
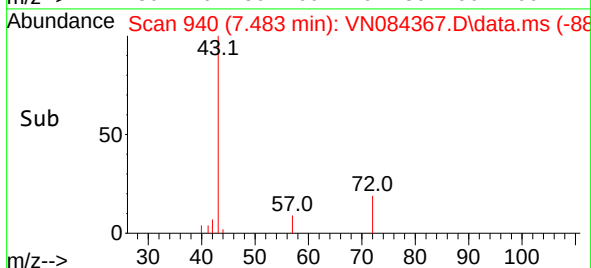
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024

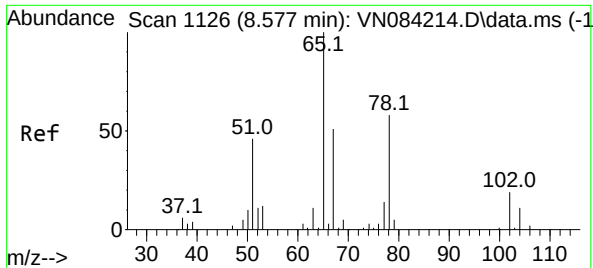


#25
2-Butanone
Concen: 6.441 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08



Tgt Ion: 43 Resp: 10051
Ion Ratio Lower Upper
43 100
72 19.4 21.4 32.2#





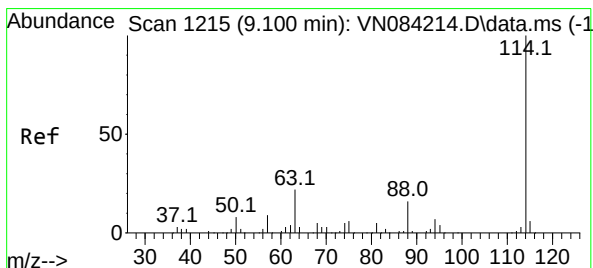
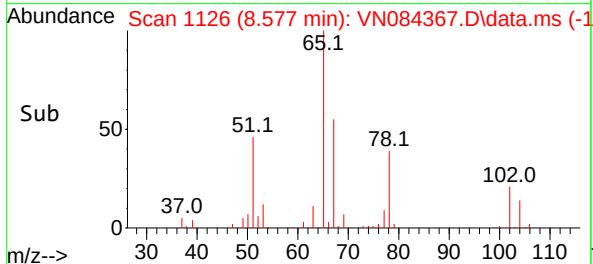
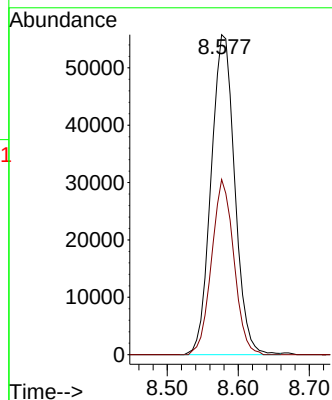
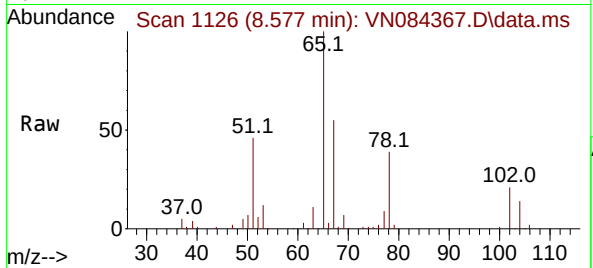
#33
 1,2-Dichloroethane-d4
 Concen: 48.273 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084367.D
 Acq: 09 Oct 2024 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 23-B

Tgt Ion: 65 Resp: 128749
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.0

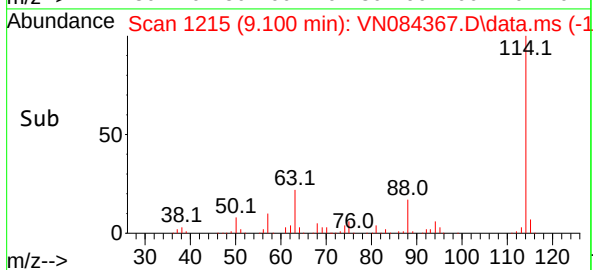
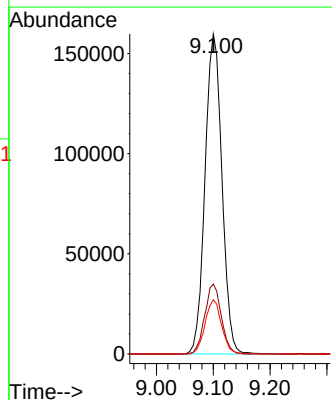
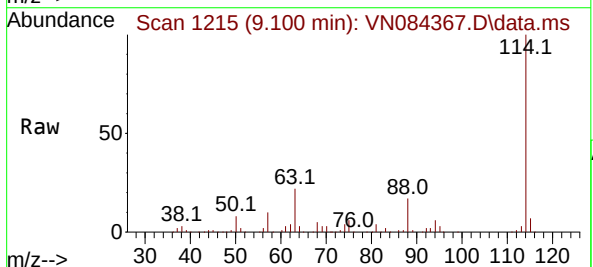
Manual Integrations
 APPROVED

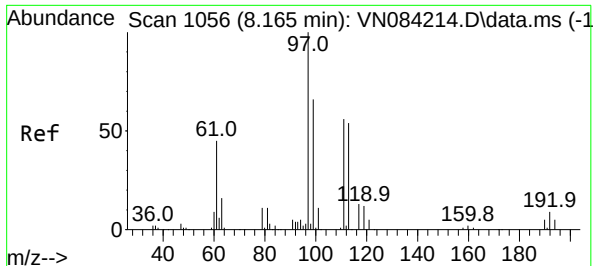
Reviewed By :John Carlone 10/10/2024
 Supervised By :Mahesh Dadoda 10/10/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084367.D
 Acq: 09 Oct 2024 15:08

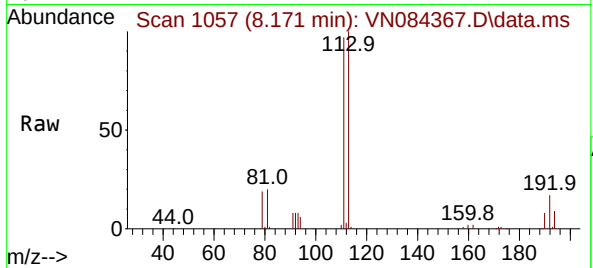
Tgt Ion:114 Resp: 329369
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.8
 88 16.9 0.0 31.6





#35
Dibromofluoromethane
Concen: 47.219 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

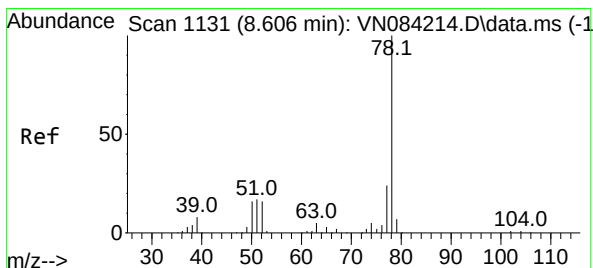
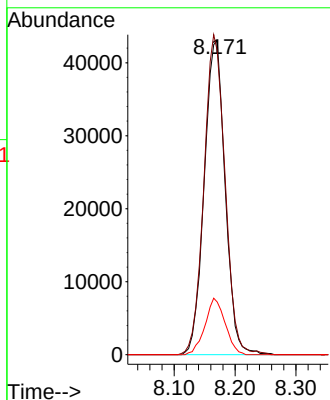
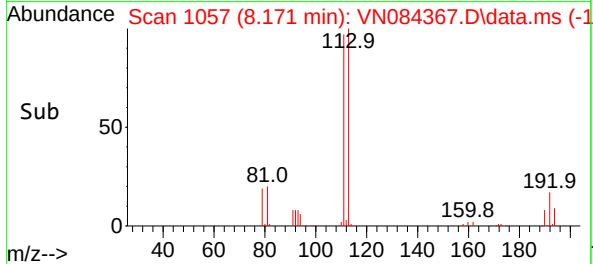
Instrument :
MSVOA_N
ClientSampleId :
23-B



Tgt Ion:113 Resp: 10253
Ion Ratio Lower Upper
113 100
111 102.8 83.3 124.9
192 17.3 13.5 20.3

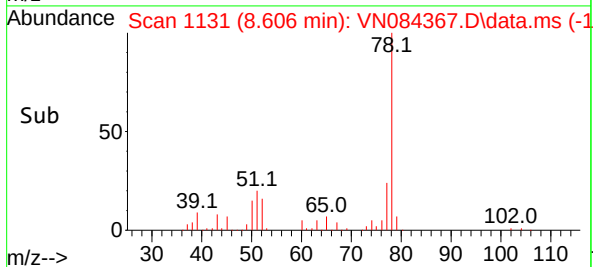
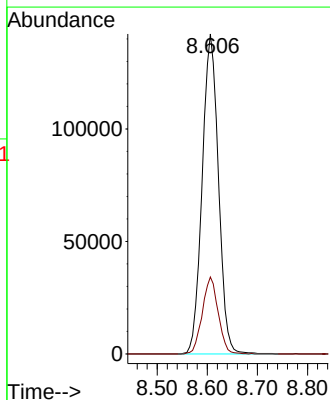
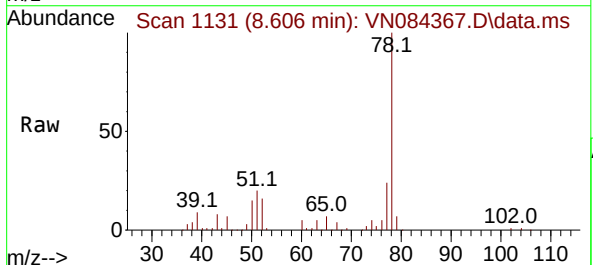
Manual Integrations
APPROVED

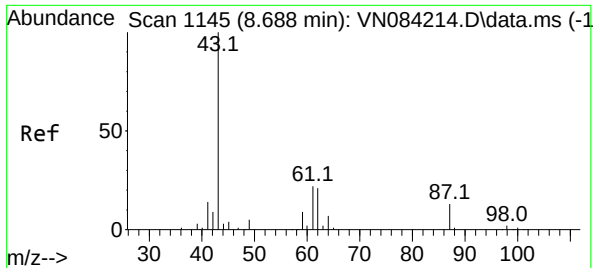
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#40
Benzene
Concen: 32.645 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

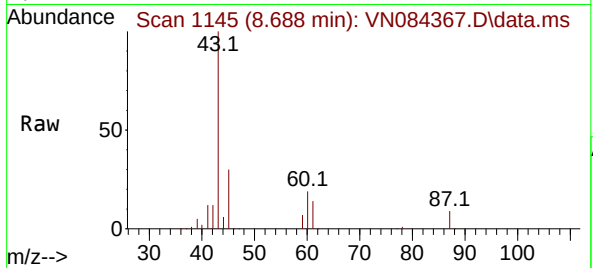
Tgt Ion: 78 Resp: 320802
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7





#43
Isopropyl Acetate
Concen: 35.315 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

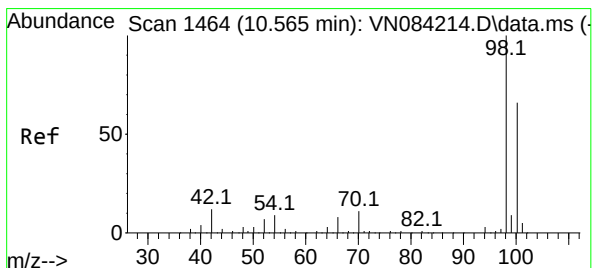
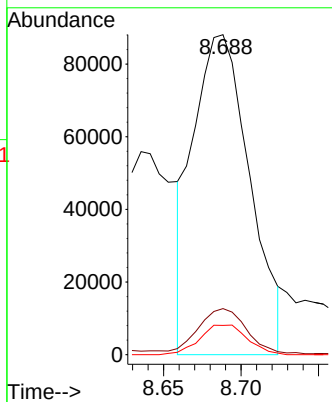
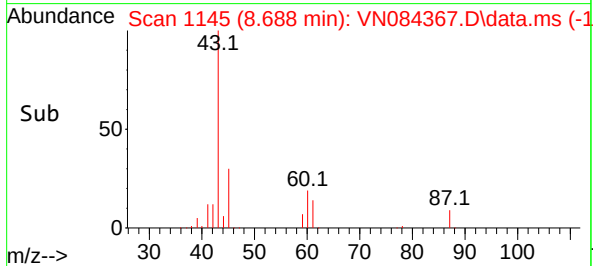
Instrument :
MSVOA_N
ClientSampleId :
23-B



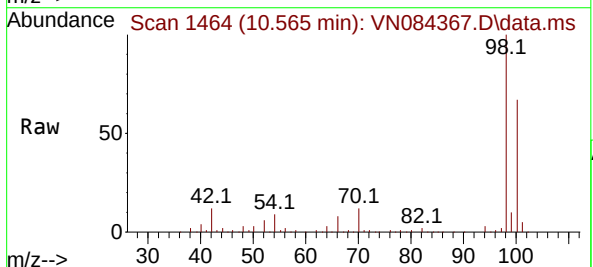
Tgt Ion: 43 Resp: 223820
Ion Ratio Lower Upper
43 100
61 11.8 20.4 30.6
87 7.8 10.3 15.5

Manual Integrations
APPROVED

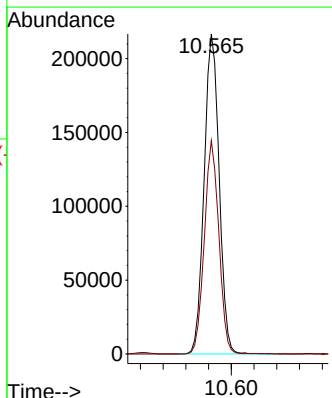
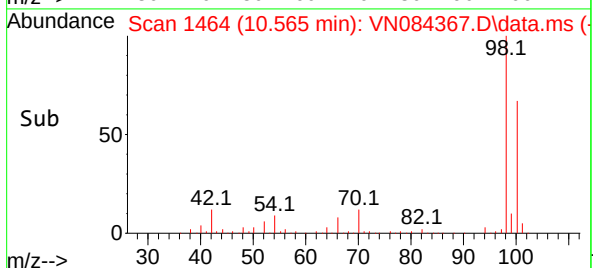
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024

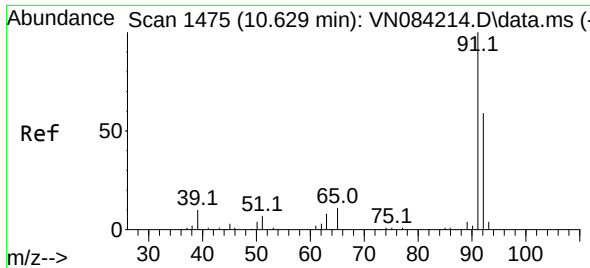


#50
Toluene-d8
Concen: 49.606 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08



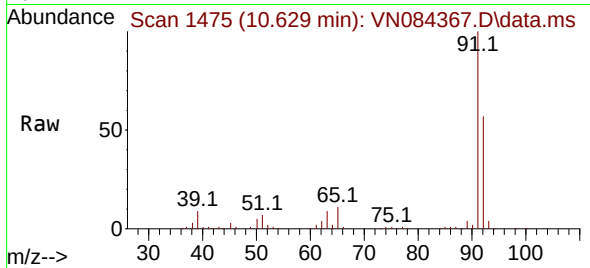
Tgt Ion: 98 Resp: 396296
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1





#52
Toluene
Concen: 41.860 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

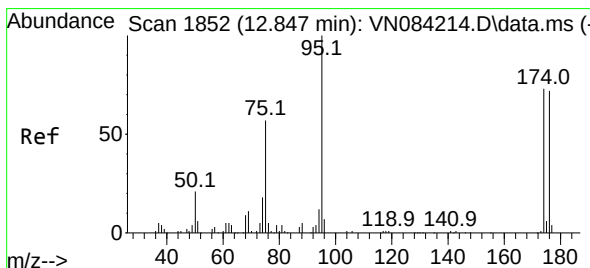
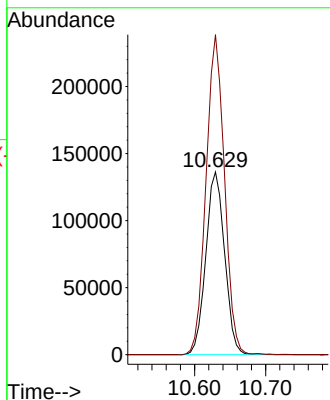
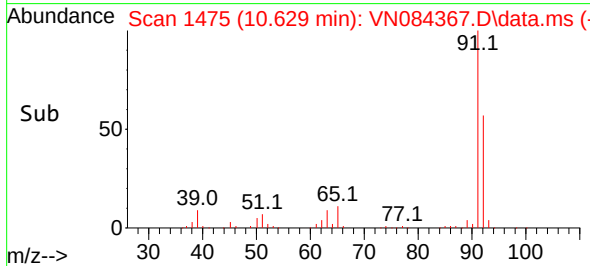
Instrument :
MSVOA_N
ClientSampleId :
23-B



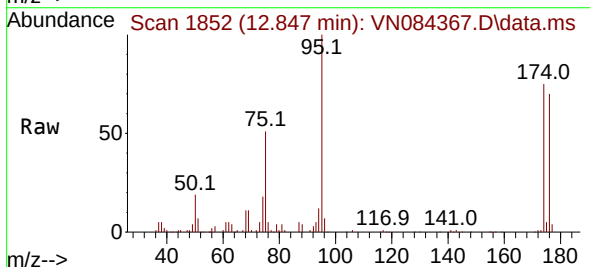
Tgt Ion: 92 Resp: 25084
Ion Ratio Lower Upper
92 100
91 171.4 137.3 205.9

Manual Integrations
APPROVED

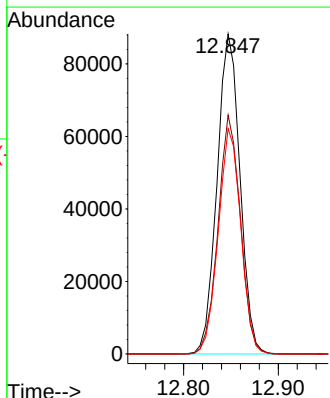
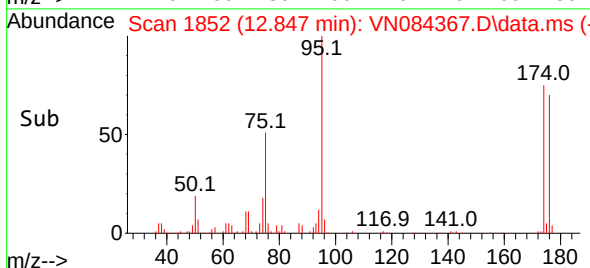
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024

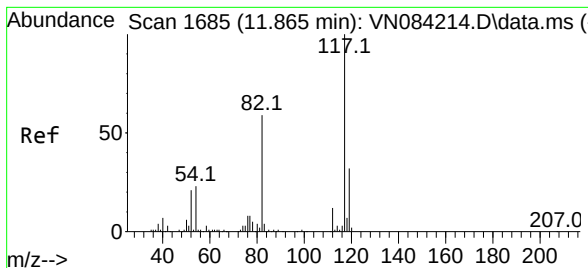


#62
4-Bromofluorobenzene
Concen: 51.024 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08



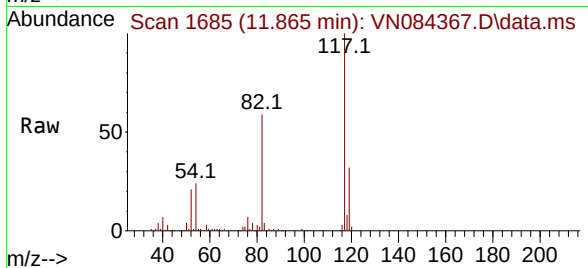
Tgt Ion: 95 Resp: 148502
Ion Ratio Lower Upper
95 100
174 72.7 0.0 145.2
176 69.3 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

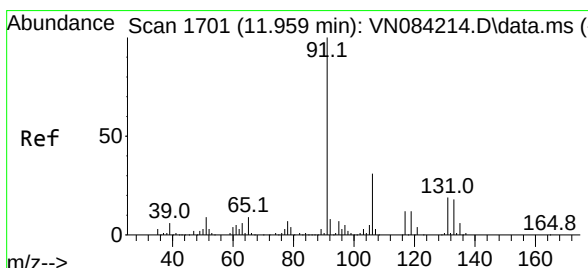
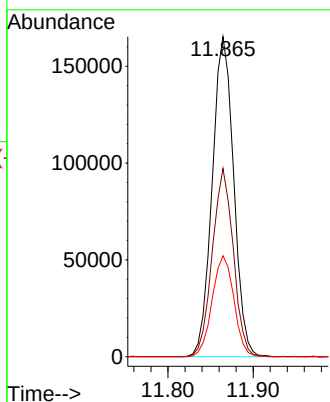
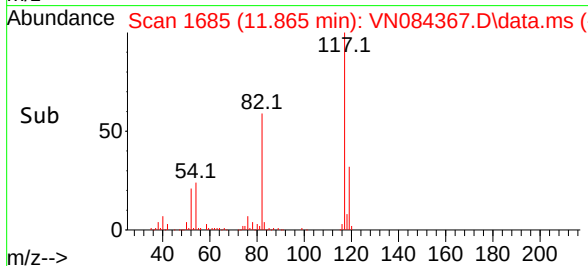
Instrument :
MSVOA_N
ClientSampleId :
23-B



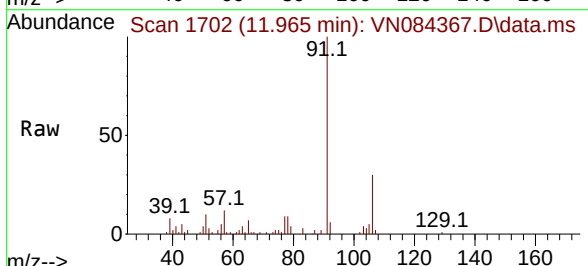
Tgt Ion:117 Resp: 28968
Ion Ratio Lower Upper
117 100
82 58.8 47.2 70.8
119 31.6 25.4 38.0

Manual Integrations
APPROVED

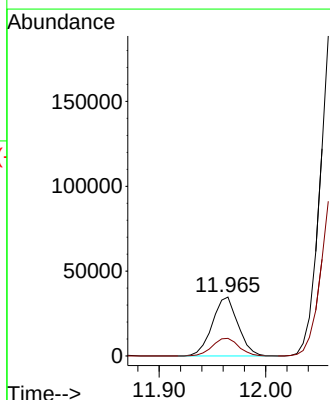
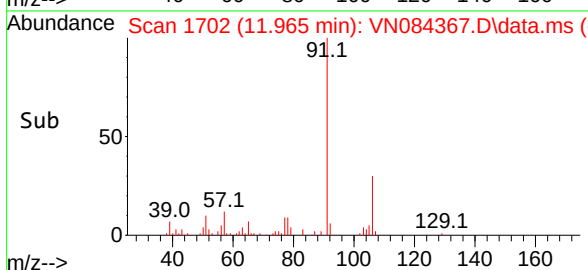
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024

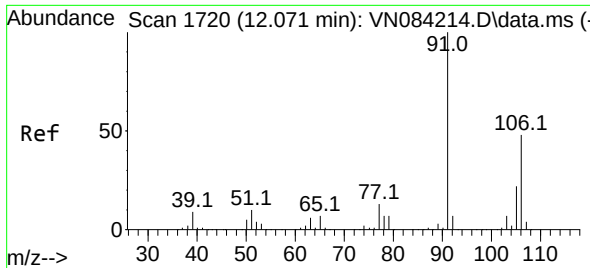


#67
Ethyl Benzene
Concen: 5.113 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08



Tgt Ion: 91 Resp: 58075
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7





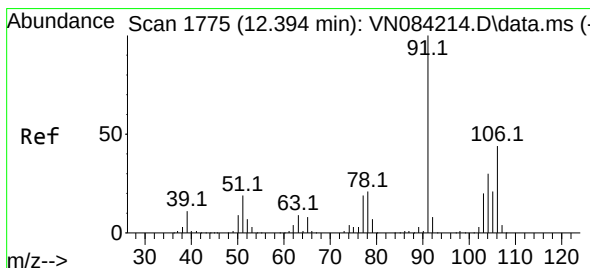
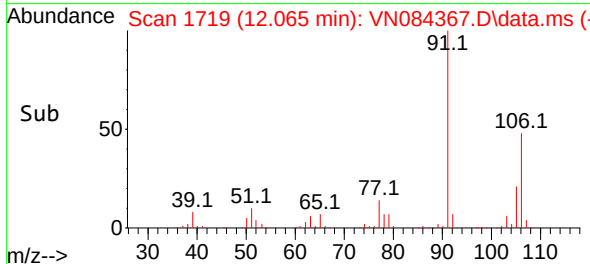
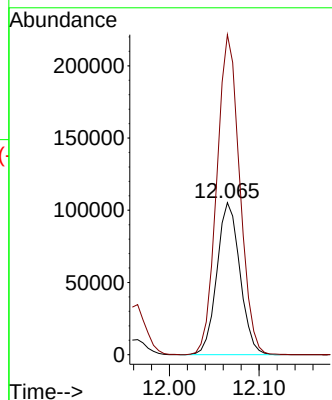
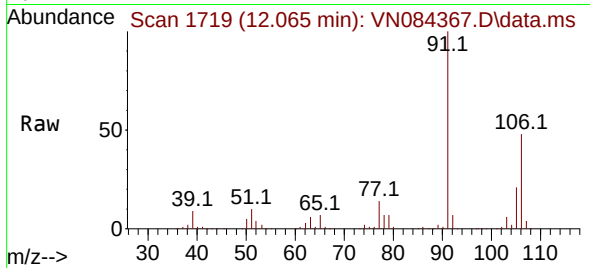
#68
m/p-Xylenes
Concen: 44.611 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
23-B

Tgt Ion:106 Resp: 18744
Ion Ratio Lower Upper
106 100
91 209.9 167.1 250.7

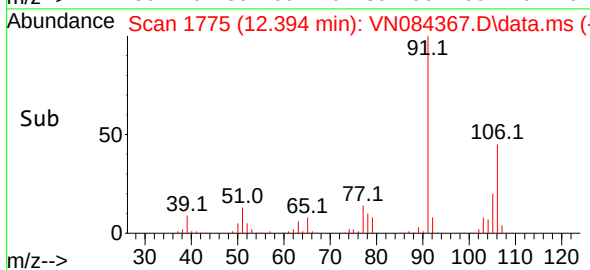
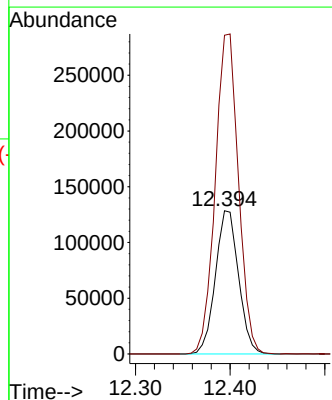
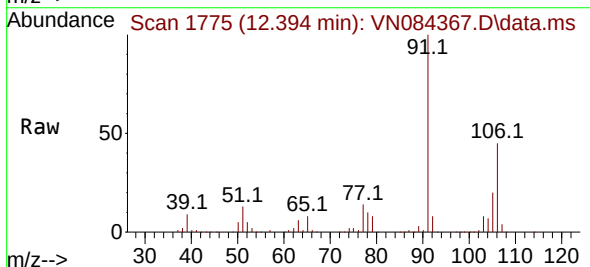
Manual Integrations
APPROVED

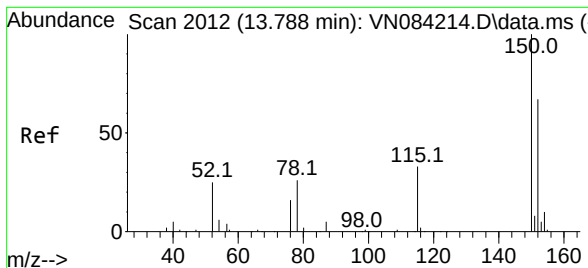
Reviewed By :John Carlone 10/10/2024
Supervised By :Mahesh Dadoda 10/10/2024



#69
o-Xylene
Concen: 54.845 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

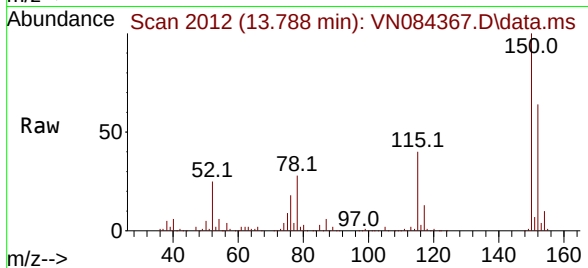
Tgt Ion:106 Resp: 218029
Ion Ratio Lower Upper
106 100
91 224.0 110.2 330.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN084367.D
 Acq: 09 Oct 2024 15:08

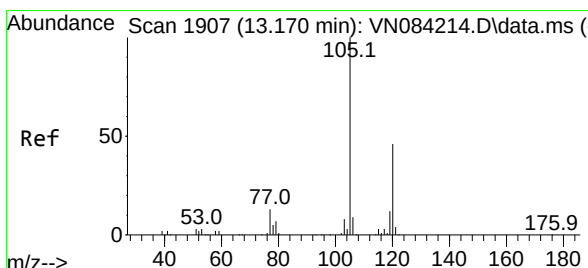
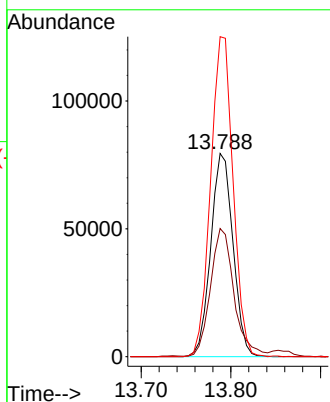
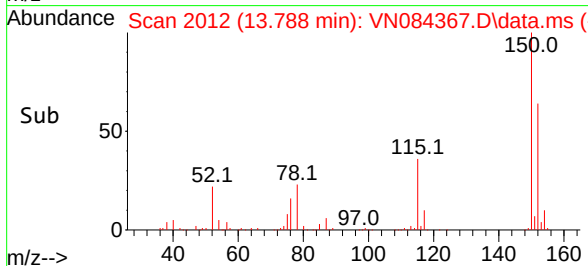
Instrument :
 MSVOA_N
 ClientSampleId :
 23-B



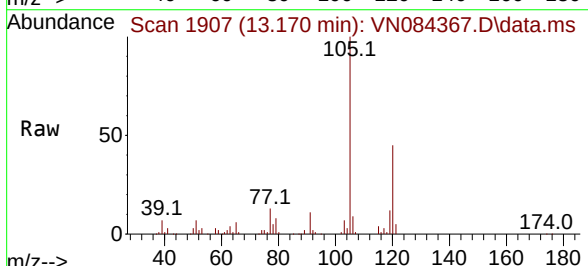
Tgt Ion:152 Resp: 13681
 Ion Ratio Lower Upper
 152 100
 115 66.6 31.3 93.9
 150 158.5 0.0 349.8

Manual Integrations
 APPROVED

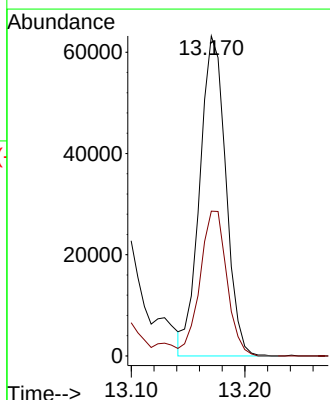
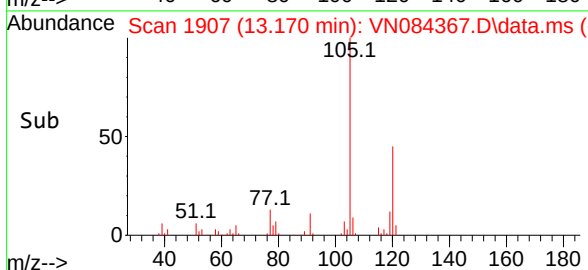
Reviewed By :John Carlone 10/10/2024
 Supervised By :Mahesh Dadoda 10/10/2024

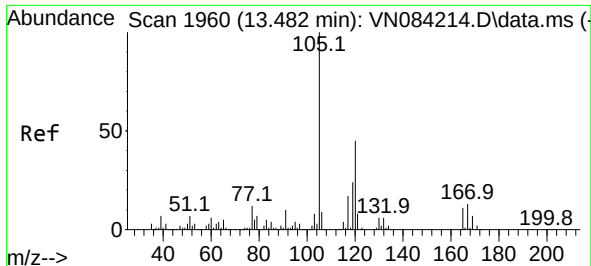


#80
 1,3,5-Trimethylbenzene
 Concen: 11.805 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN084367.D
 Acq: 09 Oct 2024 15:08



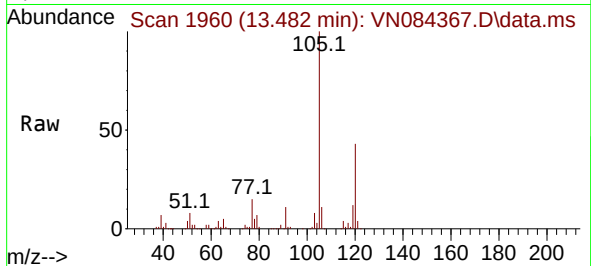
Tgt Ion:105 Resp: 100537
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.7 71.1





#84
1,2,4-Trimethylbenzene
Concen: 28.132 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08

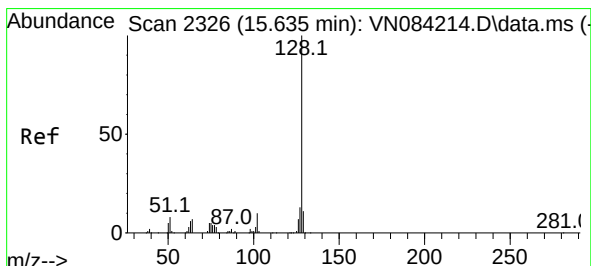
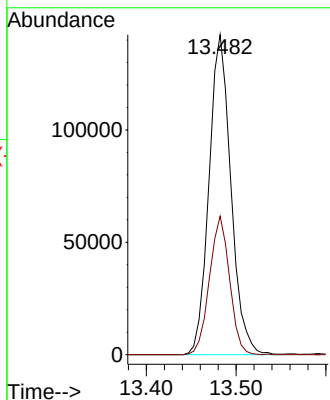
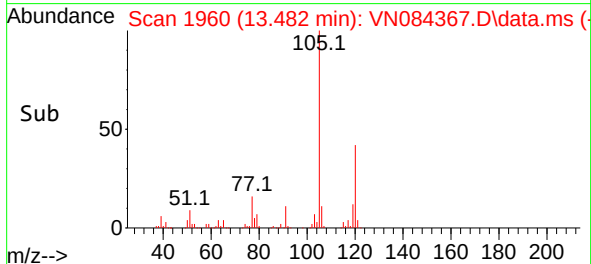
Instrument :
MSVOA_N
ClientSampleId :
23-B



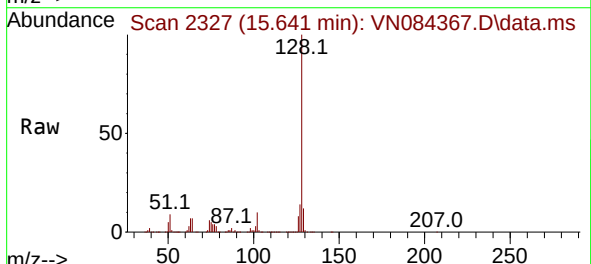
Tgt Ion:105 Resp: 241350
Ion Ratio Lower Upper
105 100
120 39.6 22.3 66.8

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 1711.553 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084367.D
Acq: 09 Oct 2024 15:08



Tgt Ion:128 Resp:12946878
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.3 8.7 13.1

