

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084220.D
 Acq On : 30 Sep 2024 15:36
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093024

Quant Time: Oct 01 07:14:39 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

Manual Integrations APPROVED

Reviewed By : John Carlone 10/01/2024
 Supervised By : Mahesh Dadoda 10/01/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	174241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130630	50.564	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.120%
35) Dibromofluoromethane	8.165	113	100200	50.508	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.020%
50) Toluene-d8	10.565	98	387775	53.129	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.260%
62) 4-Bromofluorobenzene	12.847	95	140850	52.971	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	108641	52.712	ug/l	95
3) Chloromethane	2.359	50	121140	51.477	ug/l	97
4) Vinyl Chloride	2.512	62	116792	51.235	ug/l	99
5) Bromomethane	2.947	94	71654	47.656	ug/l	99
6) Chloroethane	3.118	64	73658	45.119	ug/l	94
7) Trichlorofluoromethane	3.495	101	188482	53.099	ug/l	98
8) Diethyl Ether	3.959	74	70360	53.445	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	104895	51.573	ug/l	99
10) Methyl Iodide	4.589	142	141430	53.996	ug/l	92
11) Tert butyl alcohol	5.524	59	109545	257.154	ug/l	99
12) 1,1-Dichloroethene	4.342	96	104103	53.064	ug/l	95
13) Acrolein	4.177	56	125971	257.587	ug/l	97
14) Allyl chloride	5.024	41	174077	51.092	ug/l	100
15) Acrylonitrile	5.718	53	293962	273.264	ug/l	99
16) Acetone	4.430	43	308020	277.547	ug/l	97
17) Carbon Disulfide	4.712	76	302450	48.693	ug/l	100
18) Methyl Acetate	5.024	43	130494	53.948	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	360019	54.371	ug/l	96
20) Methylene Chloride	5.277	84	117572	52.116	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	108894	52.980	ug/l	97
22) Diisopropyl ether	6.671	45	384647	54.579	ug/l	99
23) Vinyl Acetate	6.600	43	1492704	285.569	ug/l	99
24) 1,1-Dichloroethane	6.565	63	211544	53.676	ug/l	98
25) 2-Butanone	7.482	43	426860	282.397	ug/l	98
26) 2,2-Dichloropropane	7.488	77	189858	53.428	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	128843	51.876	ug/l	98
28) Bromochloromethane	7.818	49	84632	48.129	ug/l	97
29) Tetrahydrofuran	7.835	42	262996	281.940	ug/l	99
30) Chloroform	7.965	83	213634	52.184	ug/l	95
31) Cyclohexane	8.259	56	190602	49.809	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	196319	53.395	ug/l	99
36) 1,1-Dichloropropene	8.371	75	155365	53.917	ug/l	99
37) Ethyl Acetate	7.559	43	159764	54.043	ug/l	99
38) Carbon Tetrachloride	8.359	117	169403	53.593	ug/l	94
39) Methylcyclohexane	9.600	83	181676	56.648	ug/l	98
40) Benzene	8.606	78	478538	53.301	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	89407	55.708	ug/l	98
42) 1,2-Dichloroethane	8.671	62	164758	54.131	ug/l	99
43) Isopropyl Acetate	8.688	43	278668	48.126	ug/l	100
44) Trichloroethene	9.353	130	109810	52.368	ug/l	100
45) 1,2-Dichloropropane	9.618	63	116161	54.694	ug/l	99
46) Dibromomethane	9.706	93	80284	56.015	ug/l	100
47) Bromodichloromethane	9.888	83	173015	54.335	ug/l	98
48) Methyl methacrylate	9.682	41	132287	57.391	ug/l	98
49) 1,4-Dioxane	9.694	88	47169	1111.545	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	808630	287.336	ug/l	100
52) Toluene	10.629	92	296651	54.185	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	183153	56.426	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	193475	55.416	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	108550	55.307	ug/l	98
56) Ethyl methacrylate	10.876	69	189121	58.561	ug/l	100
57) 1,3-Dichloropropane	11.165	76	191966	54.738	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	415454	277.315	ug/l	98
59) 2-Hexanone	11.194	43	621000	295.238	ug/l	100
60) Dibromochloromethane	11.359	129	127786	55.105	ug/l	99
61) 1,2-Dibromoethane	11.470	107	111244	54.548	ug/l	98
64) Tetrachloroethene	11.100	164	96460	52.585	ug/l	99
65) Chlorobenzene	11.888	112	312728	53.555	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	111388	55.381	ug/l	97
67) Ethyl Benzene	11.965	91	573790	55.563	ug/l	99
68) m/p-Xylenes	12.070	106	434515	113.748	ug/l	99
69) o-Xylene	12.400	106	209737	58.032	ug/l	99
70) Styrene	12.412	104	355892	58.136	ug/l	99
71) Bromoform	12.576	173	84787	57.258	ug/l #	99
73) Isopropylbenzene	12.694	105	535240	53.604	ug/l	100
74) N-amyl acetate	12.494	43	249223	55.118	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	157322	52.398	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	134836m	50.475	ug/l	
77) Bromobenzene	12.976	156	124463	51.676	ug/l	98
78) n-propylbenzene	13.035	91	638464	55.188	ug/l	99
79) 2-Chlorotoluene	13.123	91	390502	52.898	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	456943	56.101	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	58987	52.939	ug/l	99
82) 4-Chlorotoluene	13.217	91	397246	53.455	ug/l	100
83) tert-Butylbenzene	13.435	119	390221	53.903	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	461123	56.199	ug/l	98
85) sec-Butylbenzene	13.617	105	536685	55.556	ug/l	99
86) p-Isopropyltoluene	13.729	119	452245	56.614	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	234190	51.830	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	234070	51.298	ug/l	99
89) n-Butylbenzene	14.053	91	396001	54.671	ug/l	100
90) Hexachloroethane	14.329	117	82363	50.795	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	226320	51.082	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32296	52.125	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	114157	52.311	ug/l	99
94) Hexachlorobutadiene	15.500	225	50461	46.368	ug/l	97
95) Naphthalene	15.641	128	380549	52.602	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	111086	50.853	ug/l	99

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ClientSampleId :
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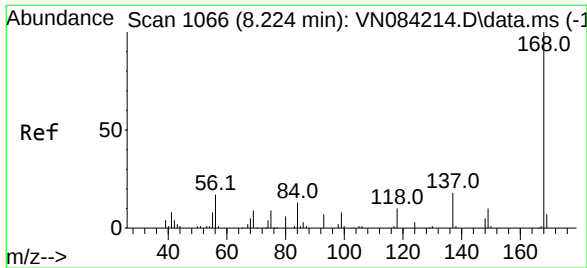
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

Quant Time: Oct 01 07:14:39 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



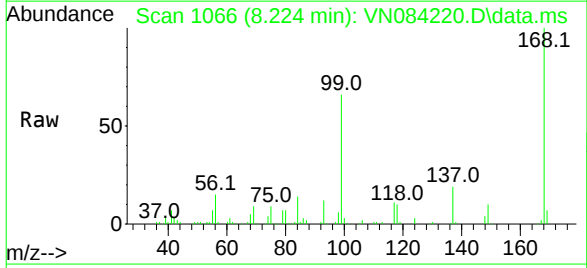
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093024



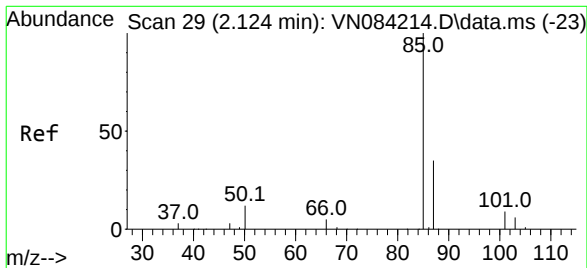
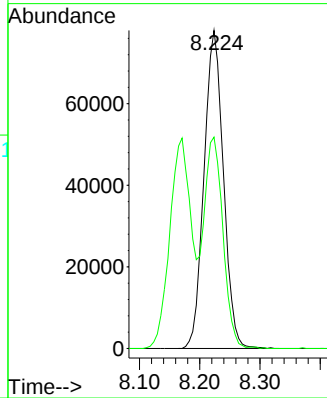
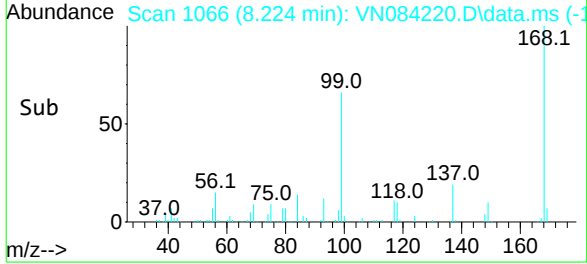
Tgt Ion: 168 Resp: 174241
Ion Ratio Lower Upper
168 100
99 66.5 54.2 81.2

Manual Integrations

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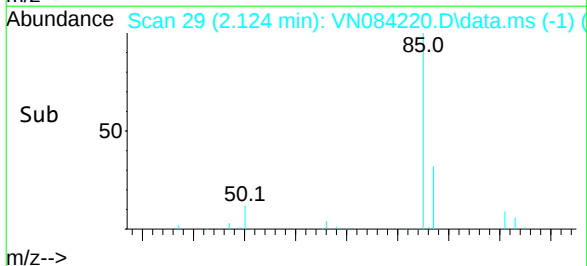
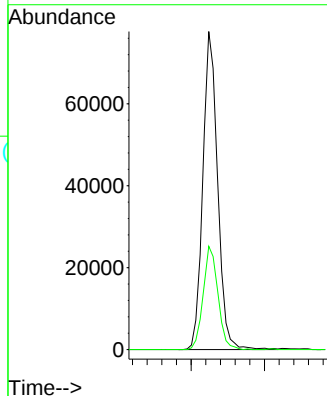
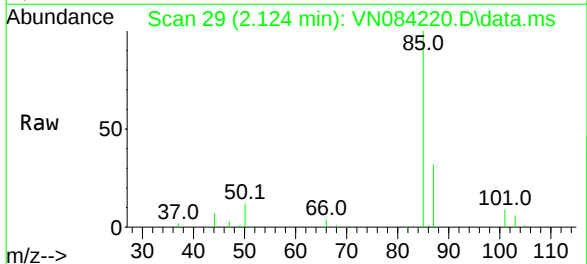
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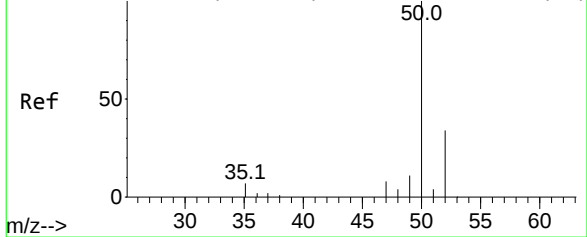


#2
Dichlorodifluoromethane
Concen: 52.712 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Tgt Ion: 85 Resp: 108641
Ion Ratio Lower Upper
85 100
87 32.5 17.6 52.9



Abundance Scan 69 (2.359 min): VN084214.D\data.ms (-63)



#3

Chloromethane

Concen: 51.477 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN084220.D

Acq: 30 Sep 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093024

Tgt Ion: 50 Resp: 121140

Ion Ratio Lower Upper

50 100

52 31.9 26.8 40.2

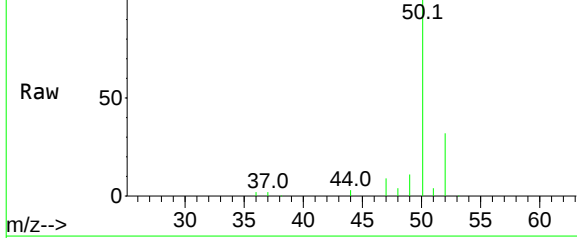
Manual Integrations

APPROVED

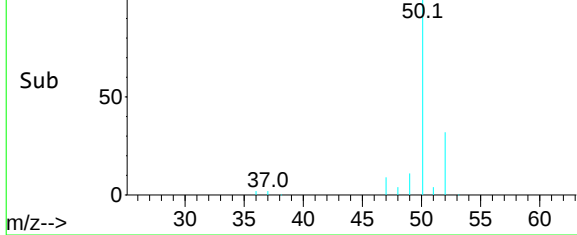
Reviewed By :John Carlone 10/01/2024

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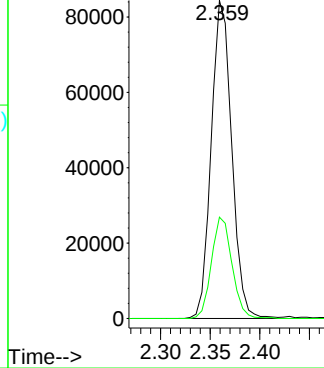
Abundance Scan 69 (2.359 min): VN084220.D\data.ms



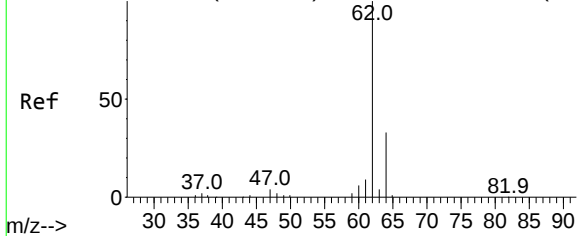
Abundance Scan 69 (2.359 min): VN084220.D\data.ms (-18)



Abundance



Abundance Scan 96 (2.518 min): VN084214.D\data.ms (-88)



#4

Vinyl Chloride

Concen: 51.235 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN084220.D

Acq: 30 Sep 2024 15:36

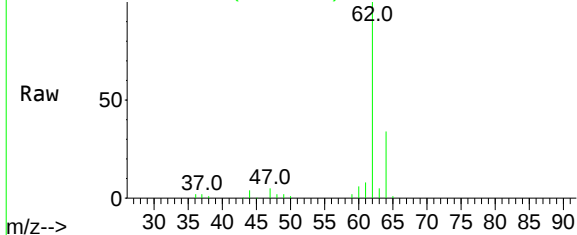
Tgt Ion: 62 Resp: 116792

Ion Ratio Lower Upper

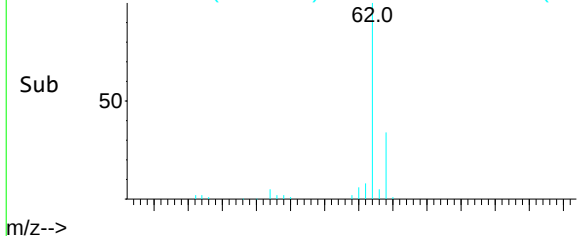
62 100

64 33.3 26.2 39.4

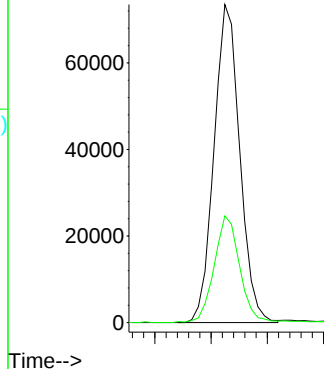
Abundance Scan 95 (2.512 min): VN084220.D\data.ms

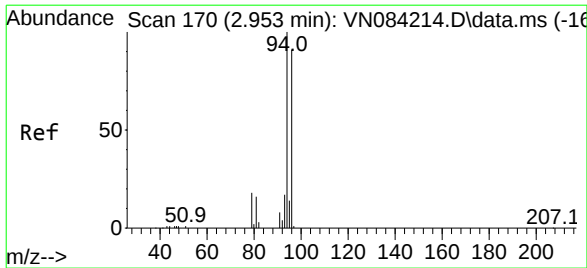


Abundance Scan 95 (2.512 min): VN084220.D\data.ms (-45)



Abundance





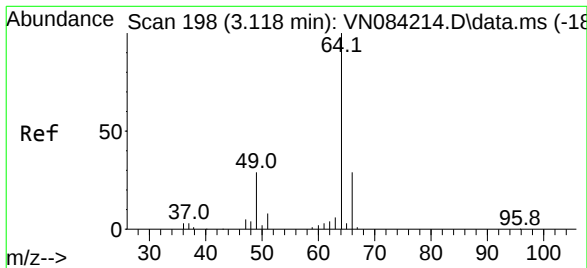
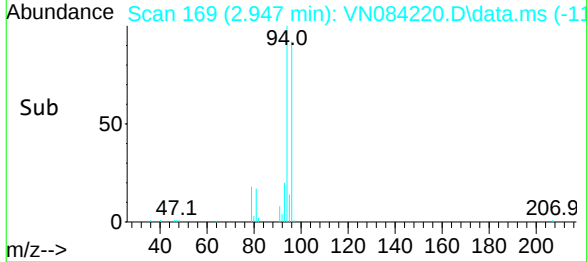
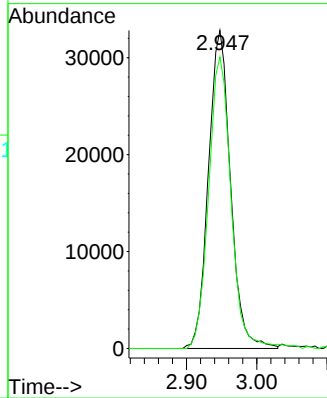
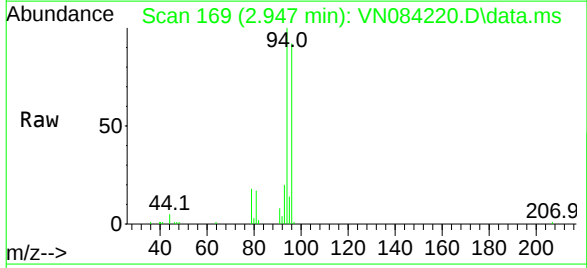
#5
Bromomethane
Concen: 47.656 ug/l
RT: 2.947 min Scan# 169
Delta R.T. -0.006 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument : MSVOA_N
ClientSampleId : ICVVN093024

Tgt Ion: 94 Resp: 71654
Ion Ratio Lower Upper
94 100
96 91.7 72.9 109.3

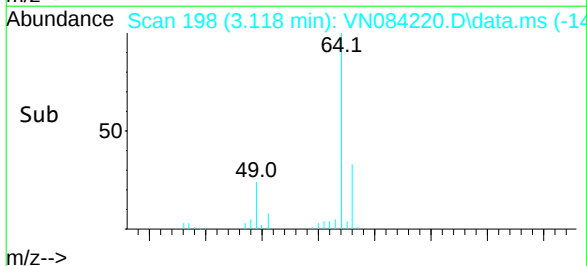
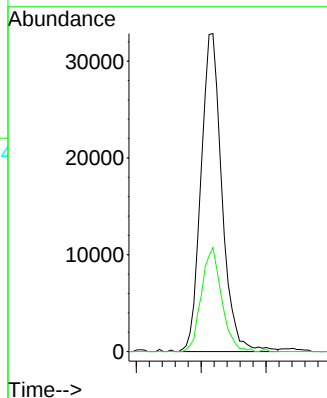
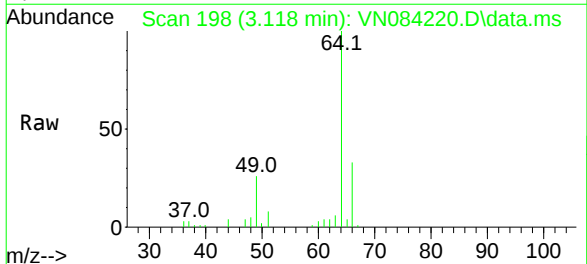
Manual Integrations
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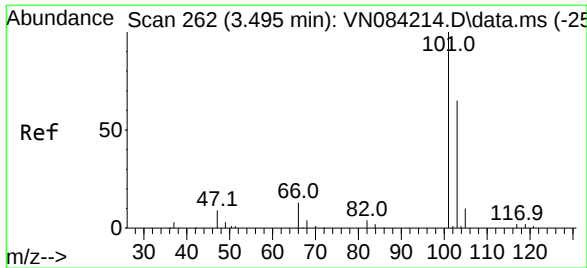
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#6
Chloroethane
Concen: 45.119 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

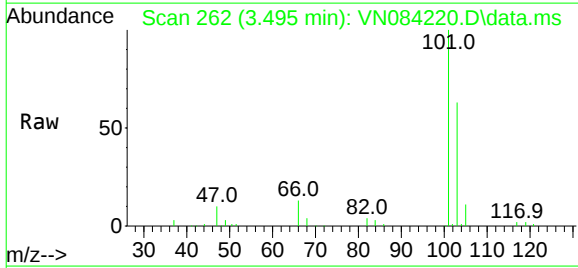
Tgt Ion: 64 Resp: 73658
Ion Ratio Lower Upper
64 100
66 32.7 23.5 35.3





#7
 Trichlorofluoromethane
 Concen: 53.099 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN084220.D
 Acq: 30 Sep 2024 15:36

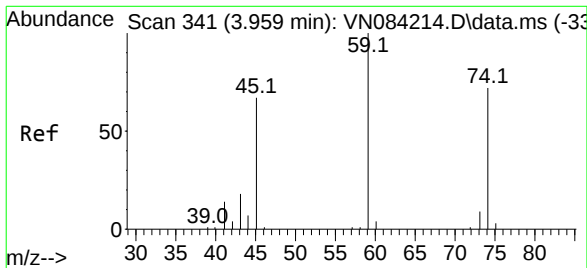
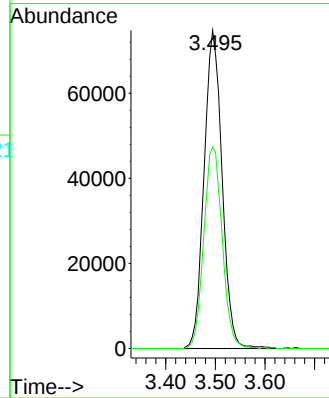
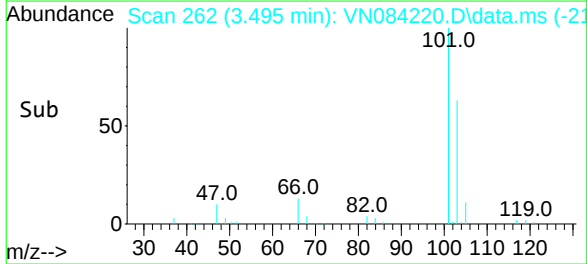
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093024



Tgt Ion:101 Resp: 188482
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.8 77.6

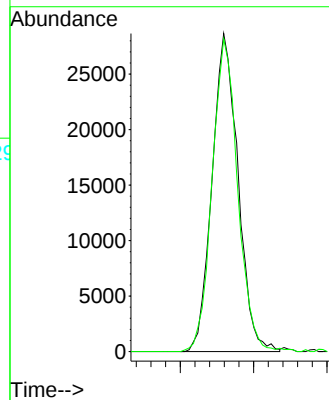
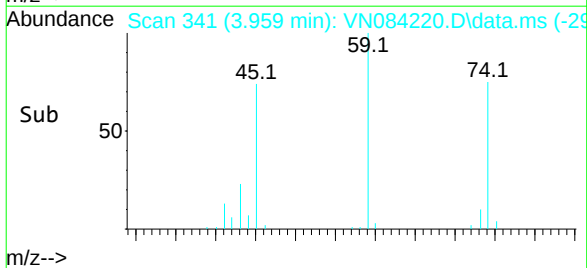
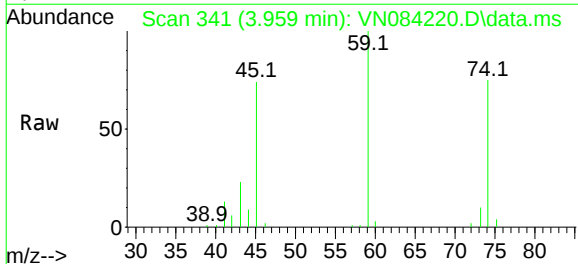
Manual Integrations
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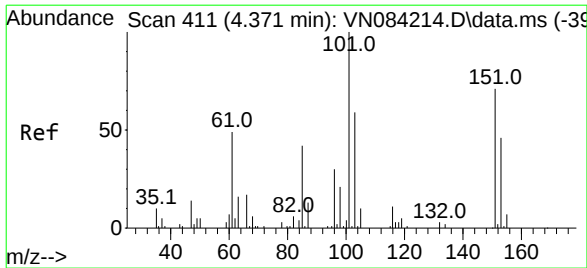
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#8
 Diethyl Ether
 Concen: 53.445 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN084220.D
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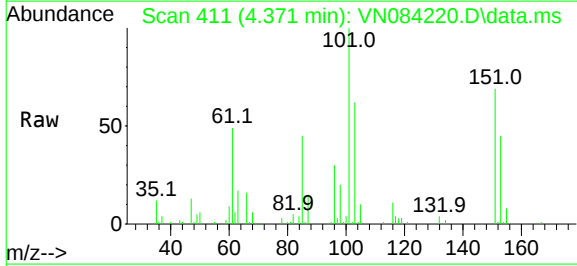
Tgt Ion: 74 Resp: 70360
 Ion Ratio Lower Upper
 74 100
 45 97.0 47.7 143.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.573 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

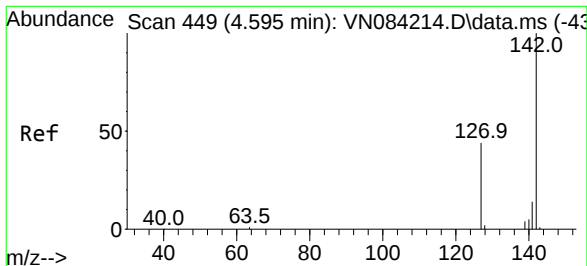
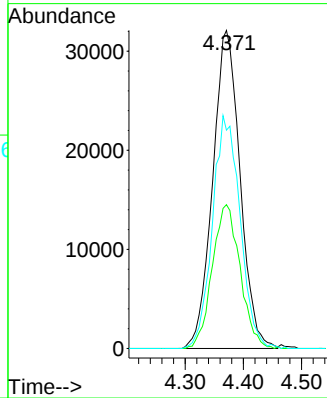
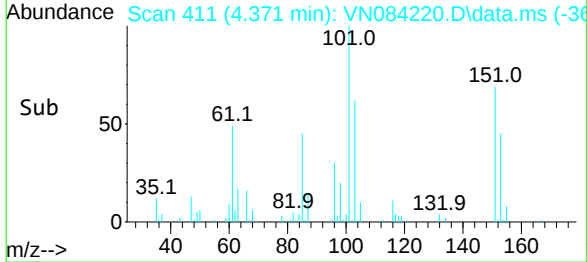
Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024



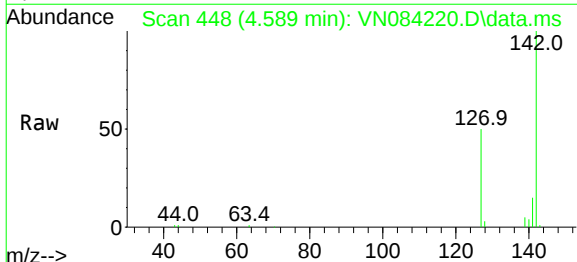
Tgt Ion:101 Resp: 104895
Ion Ratio Lower Upper
101 100
85 46.0 36.2 54.4
151 74.0 59.3 88.9

Manual Integrations
APPROVED

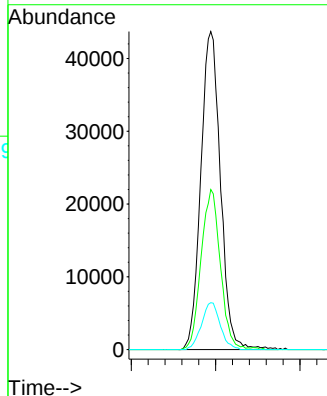
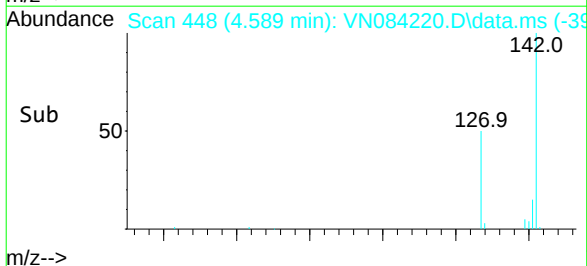
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

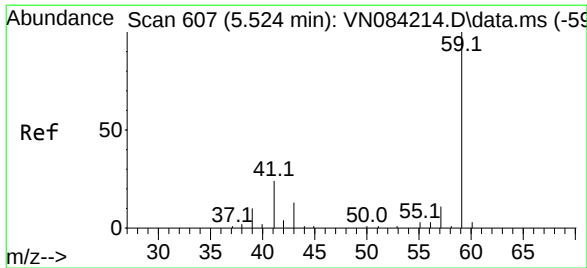


#10
Methyl Iodide
Concen: 53.996 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36



Tgt Ion:142 Resp: 141430
Ion Ratio Lower Upper
142 100
127 50.3 35.3 52.9
141 14.7 11.0 16.6





#11

Tert butyl alcohol

Concen: 257.154 ug/l

RT: 5.524 min Scan# 607

Delta R.T. -0.000 min

Lab File: VN084220.D

Acq: 30 Sep 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093024

Tgt Ion: 59 Resp: 109545

Ion Ratio Lower Upper

59 100

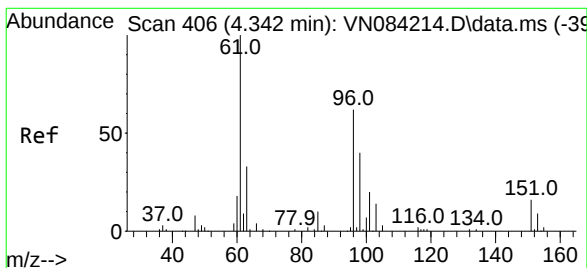
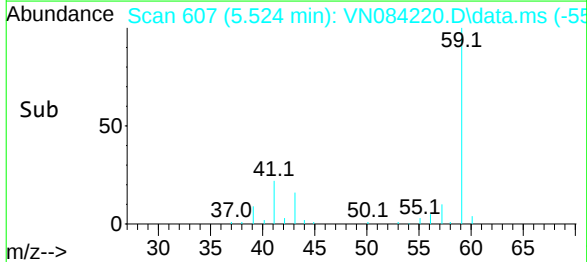
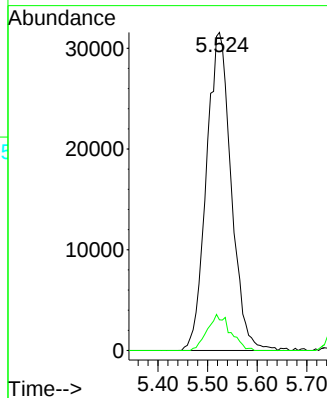
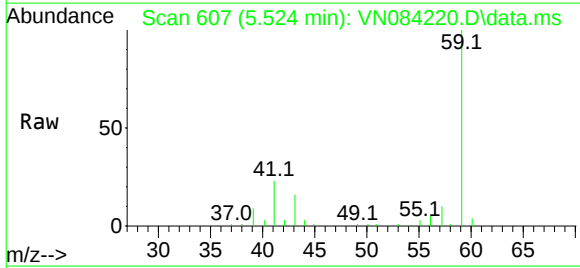
57 10.6 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#12

1,1-Dichloroethene

Concen: 53.064 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN084220.D

Acq: 30 Sep 2024 15:36

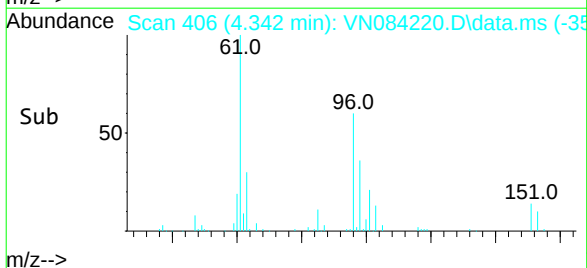
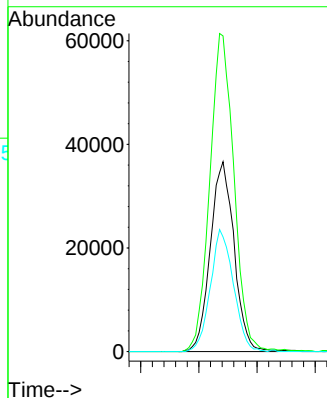
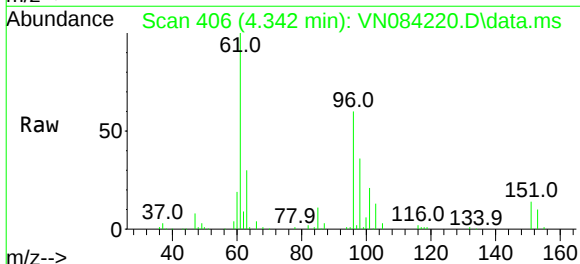
Tgt Ion: 96 Resp: 104103

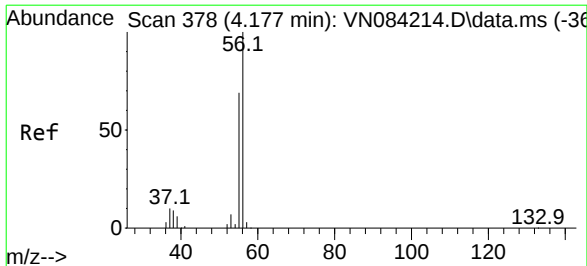
Ion Ratio Lower Upper

96 100

61 166.3 128.6 192.8

98 60.4 51.7 77.5





#13

Acrolein

Concen: 257.587 ug/l

RT: 4.177 min Scan# 378

Delta R.T. -0.000 min

Lab File: VN084220.D

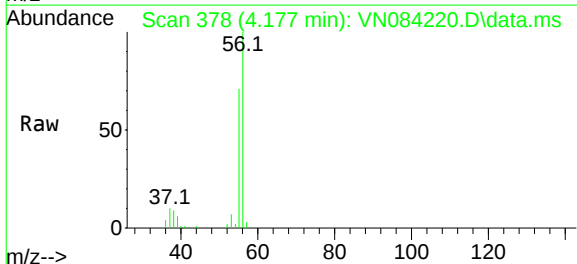
Acq: 30 Sep 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093024



Tgt Ion: 56 Resp: 125971

Ion Ratio Lower Upper

56 100

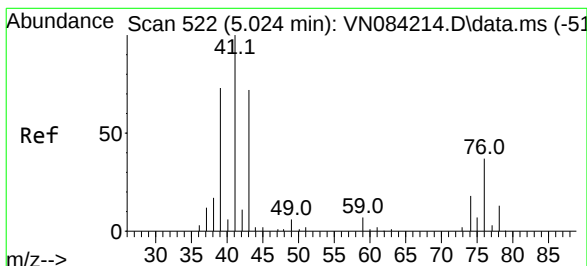
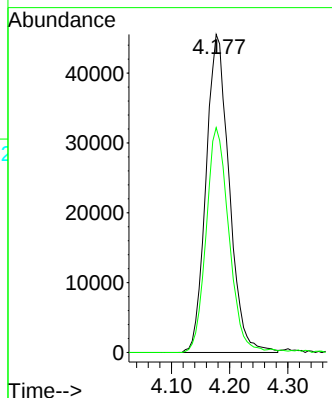
55 69.4 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#14

Allyl chloride

Concen: 51.092 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN084220.D

Acq: 30 Sep 2024 15:36

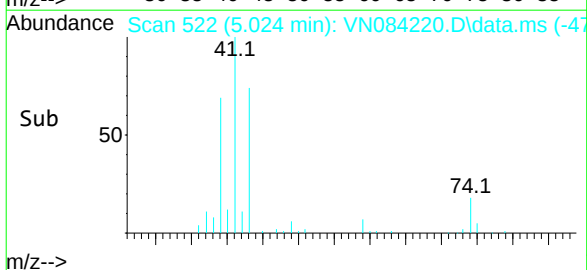
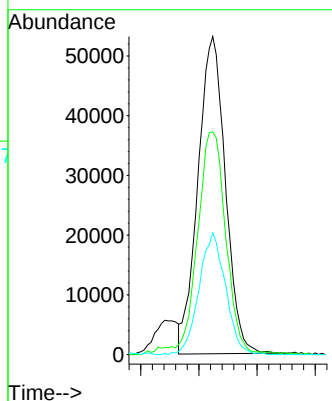
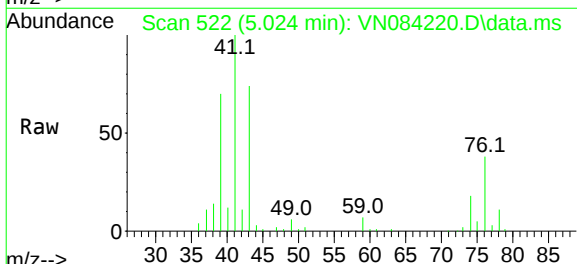
Tgt Ion: 41 Resp: 174077

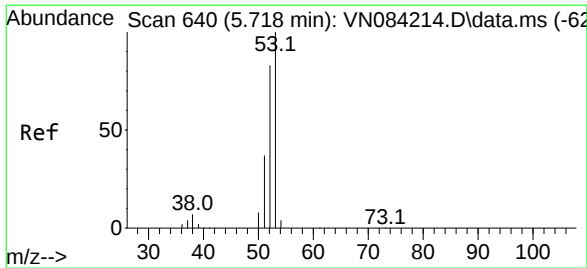
Ion Ratio Lower Upper

41 100

39 73.7 59.0 88.6

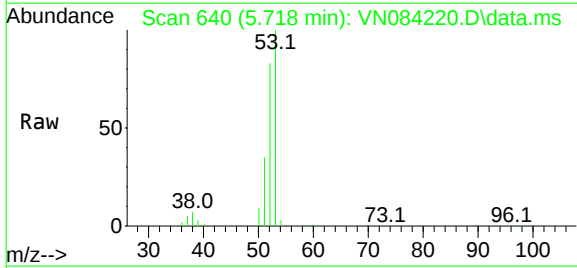
76 37.1 29.8 44.6





#15
Acrylonitrile
Concen: 273.264 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

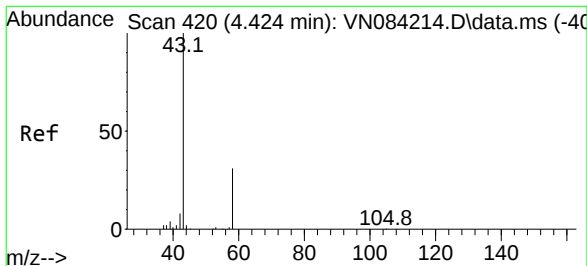
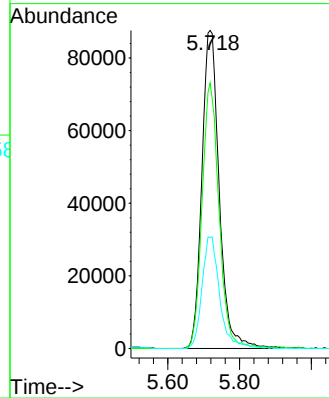
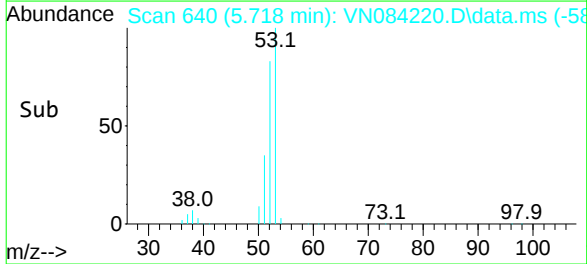
Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024



Tgt Ion: 53 Resp: 293962
Ion Ratio Lower Upper
53 100
52 81.3 66.2 99.4
51 35.7 28.8 43.2

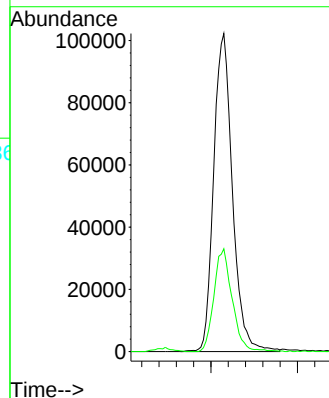
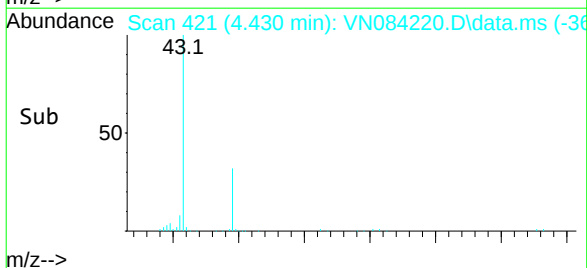
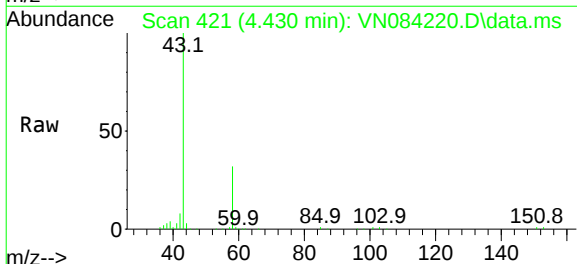
Manual Integrations
APPROVED

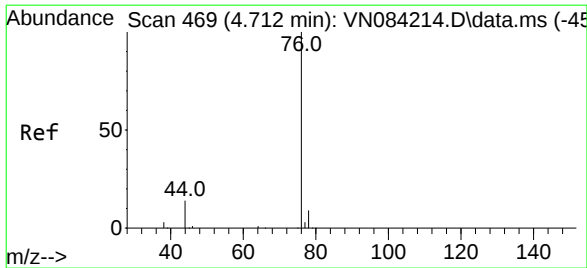
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#16
Acetone
Concen: 277.547 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

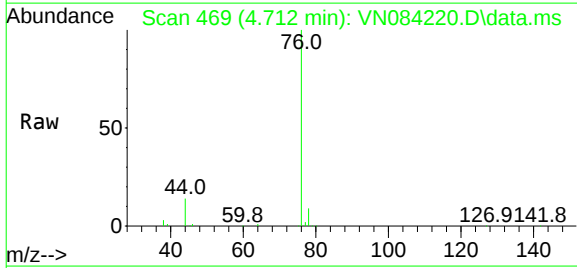
Tgt Ion: 43 Resp: 308020
Ion Ratio Lower Upper
43 100
58 32.2 24.4 36.6





#17
Carbon Disulfide
Concen: 48.693 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

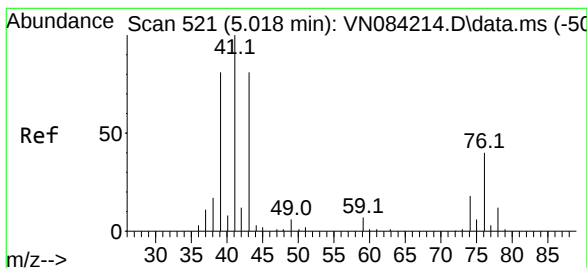
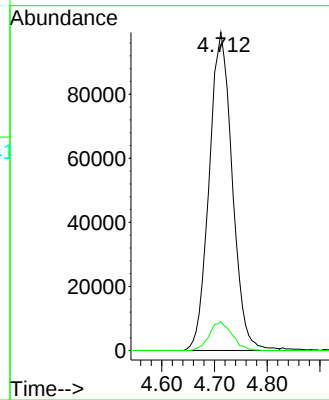
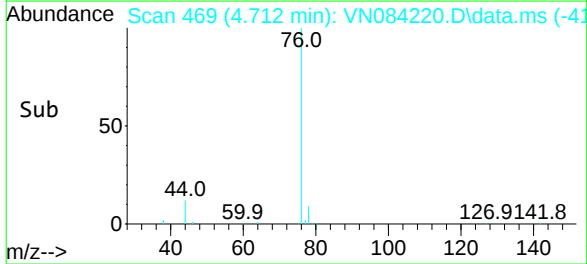
Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024



Tgt Ion: 76 Resp: 302450
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

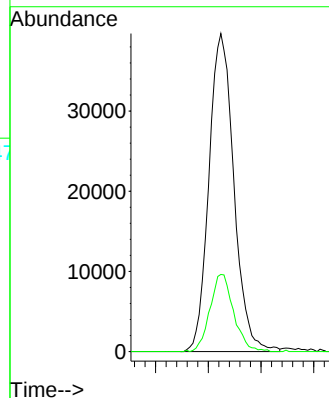
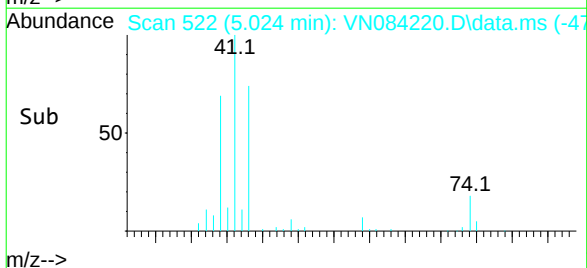
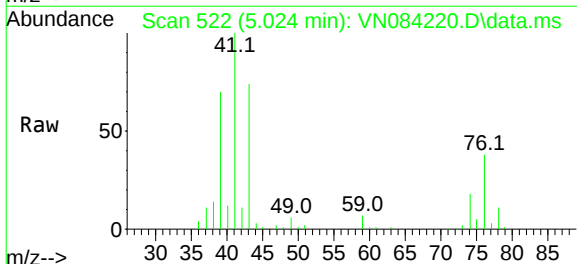
Manual Integrations
APPROVED

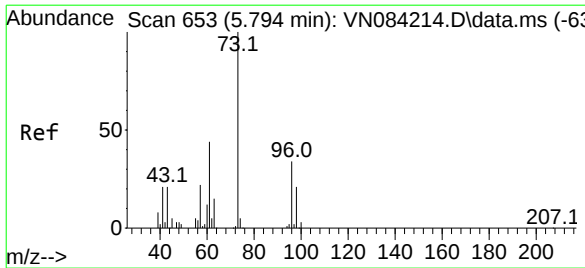
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#18
Methyl Acetate
Concen: 53.948 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Tgt Ion: 43 Resp: 130494
Ion Ratio Lower Upper
43 100
74 23.0 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 54.371 ug/l

RT: 5.800 min Scan# 65

Delta R.T. 0.006 min

Lab File: VN084220.D

Acq: 30 Sep 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093024

Tgt Ion: 73 Resp: 360019

Ion Ratio Lower Upper

73 100

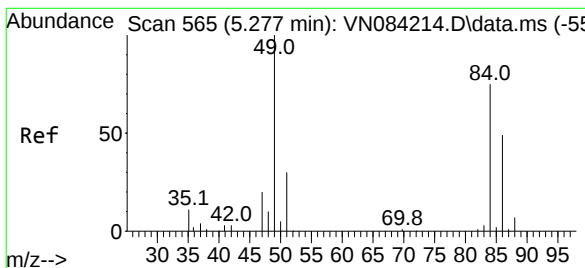
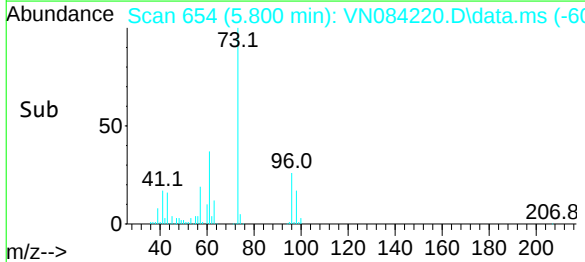
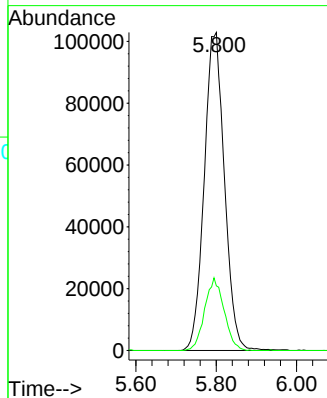
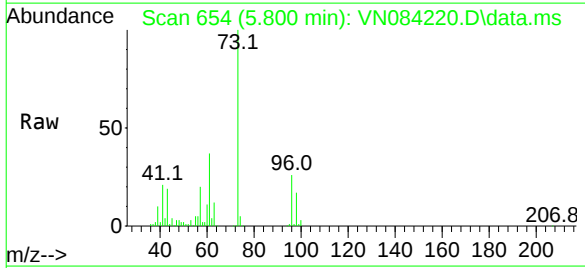
57 20.3 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#20

Methylene Chloride

Concen: 52.116 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.000 min

Lab File: VN084220.D

Acq: 30 Sep 2024 15:36

Tgt Ion: 84 Resp: 117572

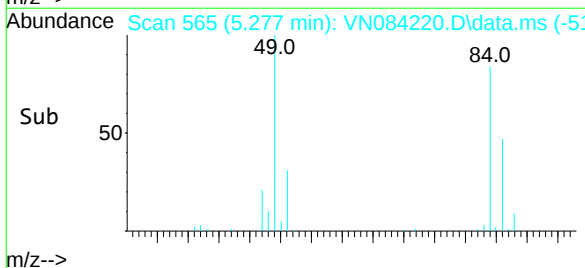
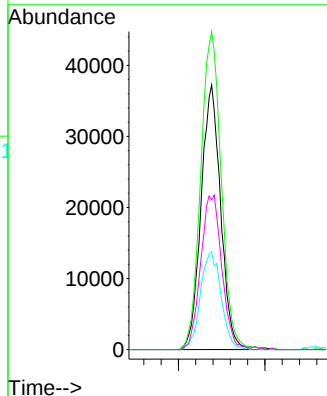
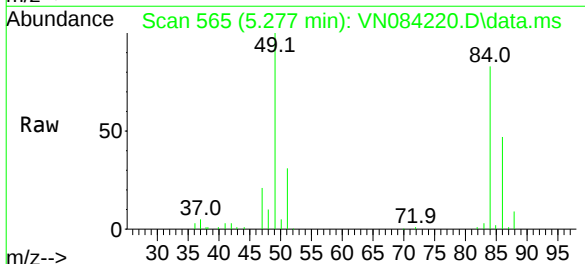
Ion Ratio Lower Upper

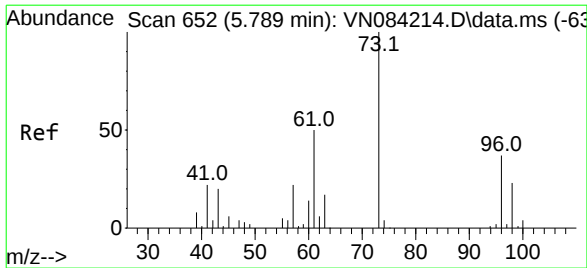
84 100

49 120.2 107.2 160.8

51 36.9 31.8 47.8

86 56.5 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 52.980 ug/l

RT: 5.783 min Scan# 65

Delta R.T. -0.006 min

Lab File: VN084220.D

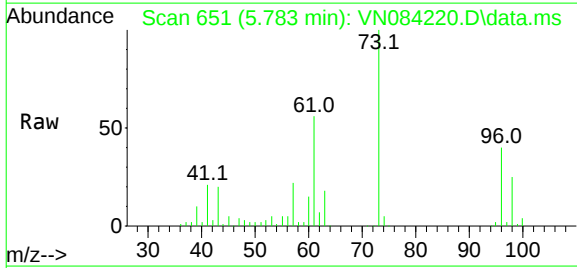
Acq: 30 Sep 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093024



Tgt Ion: 96 Resp: 108894

Ion Ratio Lower Upper

96 100

61 139.8 108.4 162.6

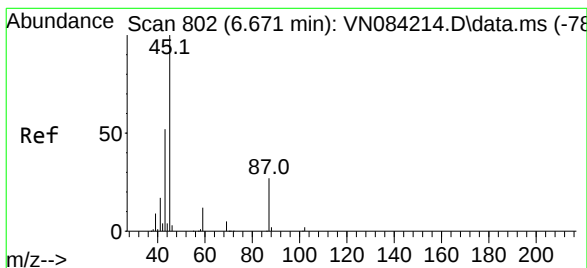
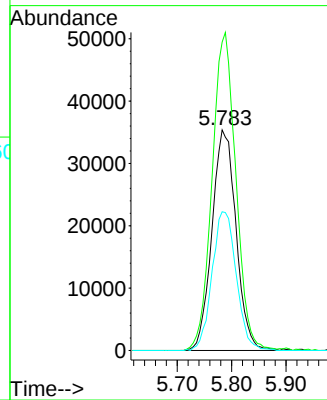
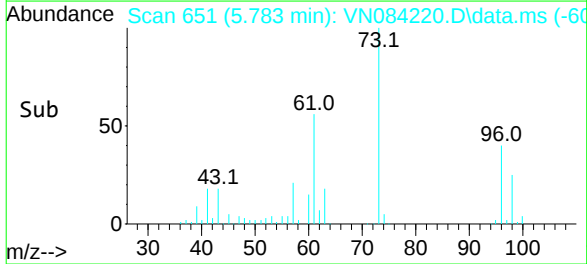
98 62.9 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#22

Diisopropyl ether

Concen: 54.579 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN084220.D

Acq: 30 Sep 2024 15:36

Tgt Ion: 45 Resp: 384647

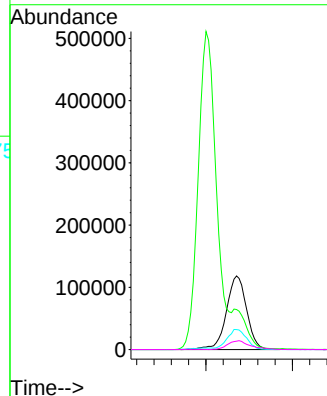
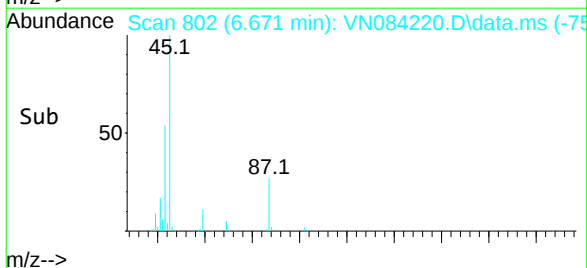
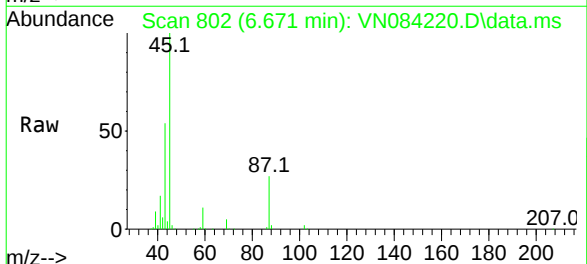
Ion Ratio Lower Upper

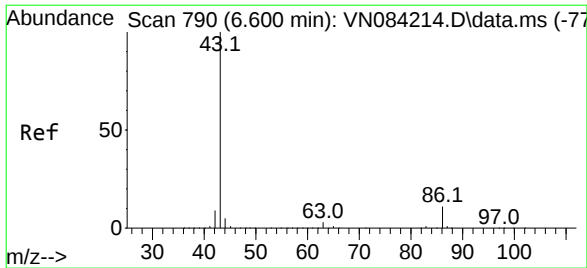
45 100

43 53.5 42.3 63.5

87 27.0 21.8 32.6

59 11.3 9.6 14.4





#23

Vinyl Acetate

Concen: 285.569 ug/l

RT: 6.600 min Scan# 790

Delta R.T. -0.000 min

Lab File: VN084220.D

Acq: 30 Sep 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093024

Tgt Ion: 43 Resp: 1492704

Ion Ratio Lower Upper

43 100

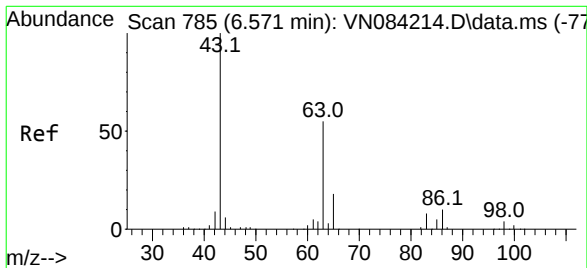
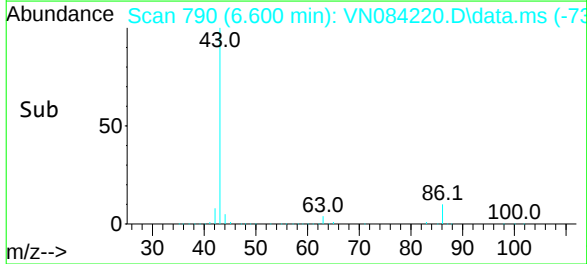
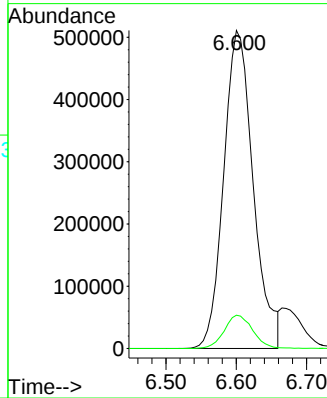
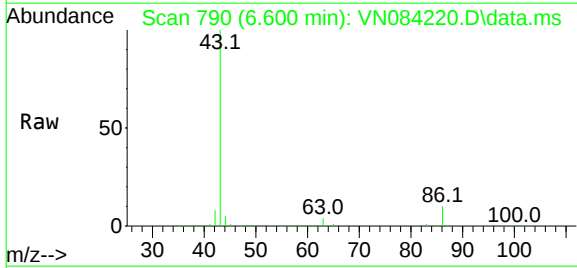
86 10.5 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#24

1,1-Dichloroethane

Concen: 53.676 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.006 min

Lab File: VN084220.D

Acq: 30 Sep 2024 15:36

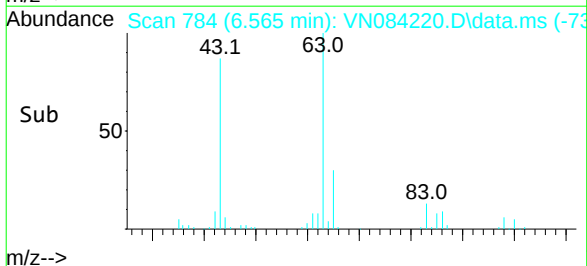
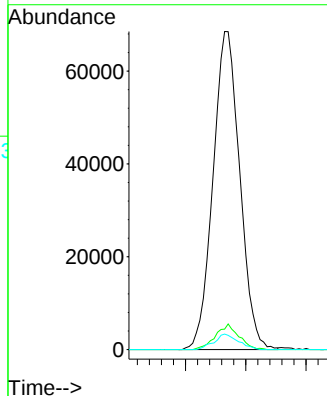
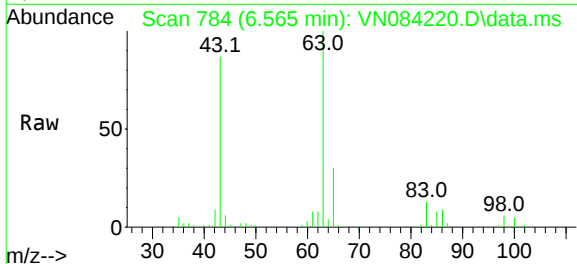
Tgt Ion: 63 Resp: 211544

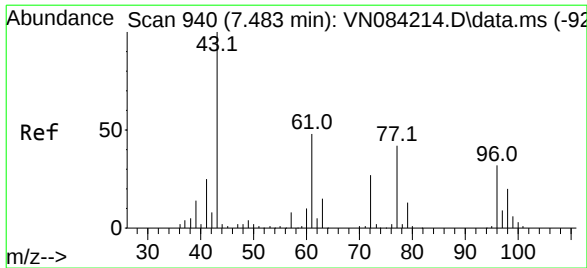
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.9 2.0 5.8





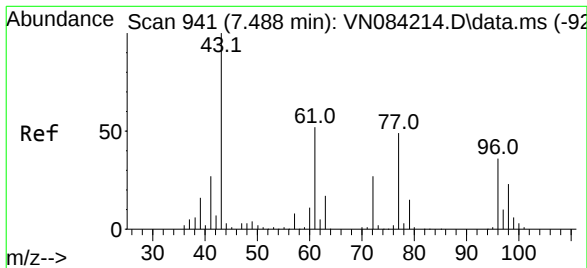
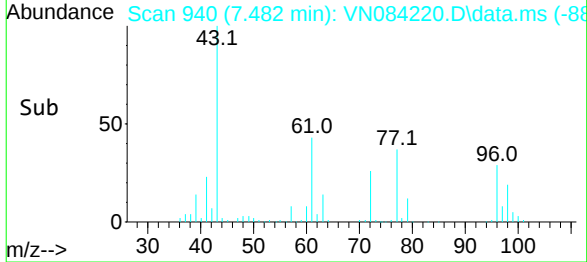
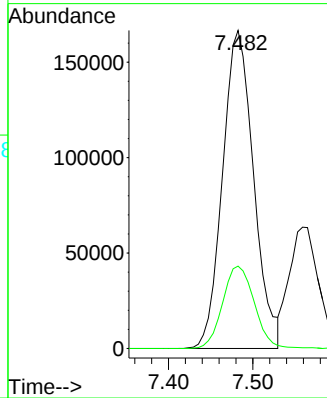
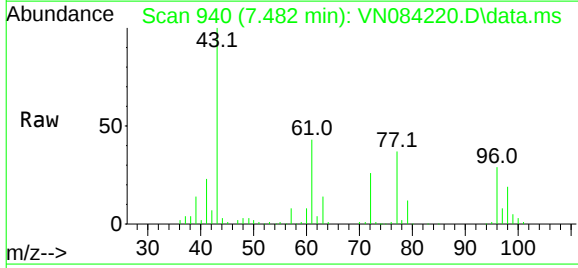
#25
2-Butanone
Concen: 282.397 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024

Tgt Ion: 43 Resp: 426860
Ion Ratio Lower Upper
43 100
72 25.9 21.4 32.2

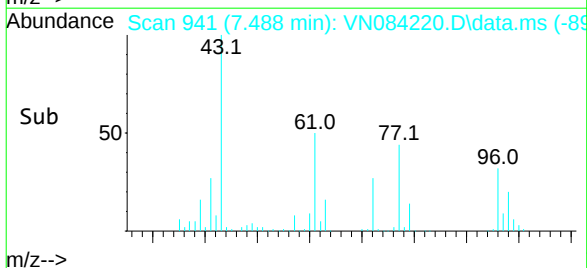
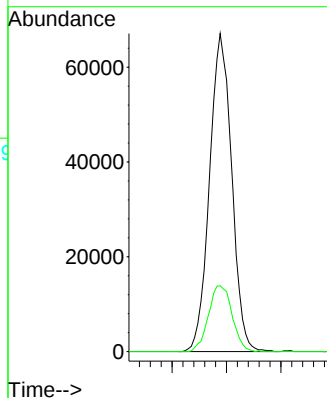
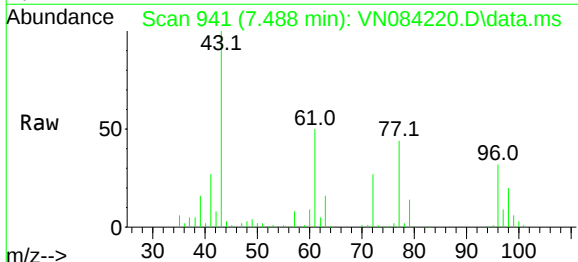
Manual Integrations
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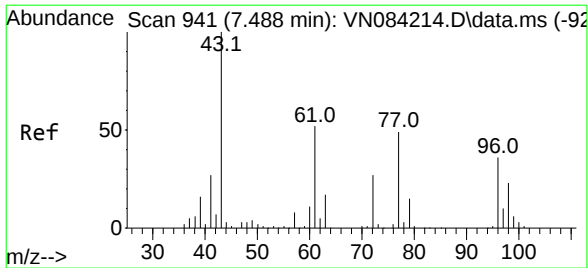
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#26
2,2-Dichloropropane
Concen: 53.428 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Tgt Ion: 77 Resp: 189858
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.3





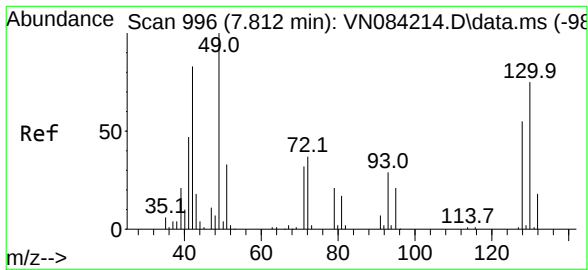
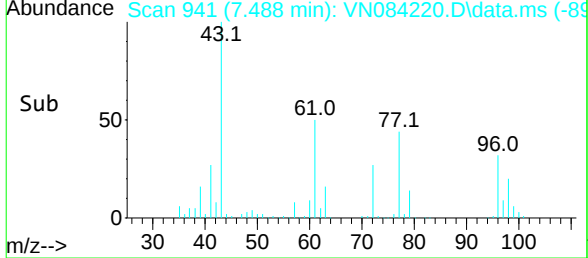
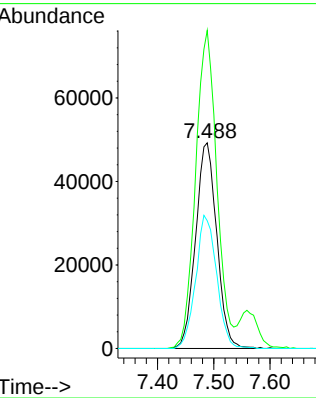
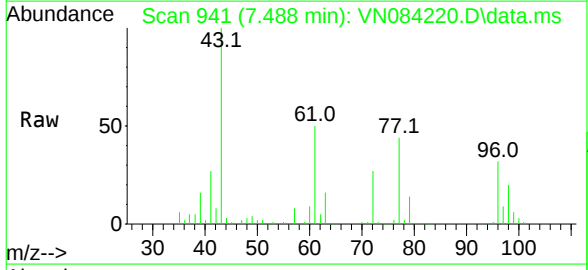
#27
cis-1,2-Dichloroethene
Concen: 51.876 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024

Tgt Ion: 96 Resp: 128843
Ion Ratio Lower Upper
96 100
61 154.8 0.0 301.8
98 64.2 0.0 128.2

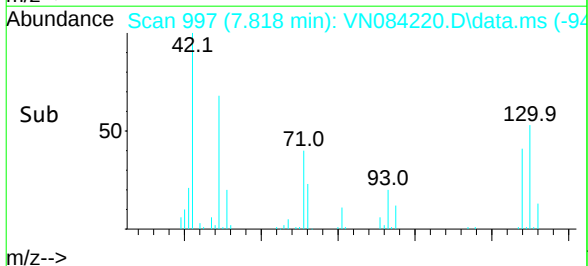
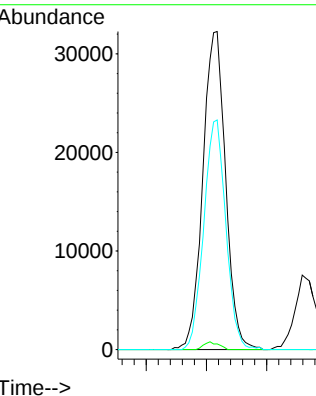
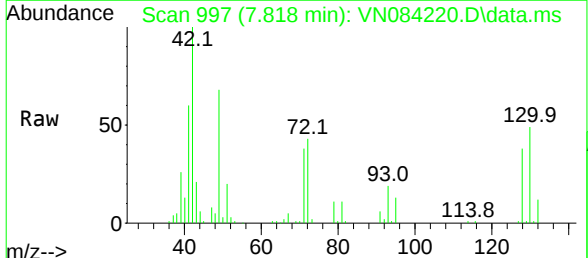
Manual Integrations
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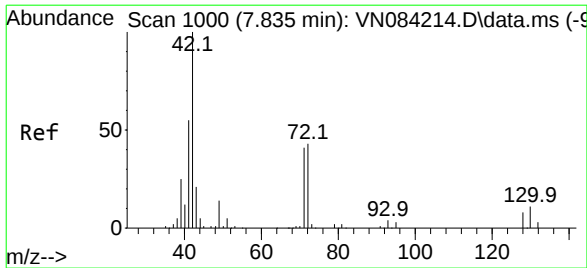
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#28
Bromochloromethane
Concen: 48.129 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Tgt Ion: 49 Resp: 84632
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.6
130 70.0 58.0 87.0





#29

Tetrahydrofuran

Concen: 281.940 ug/l

RT: 7.835 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN084220.D

Acq: 30 Sep 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093024

Tgt Ion: 42 Resp: 262996

Ion Ratio Lower Upper

42 100

72 42.8 34.6 51.8

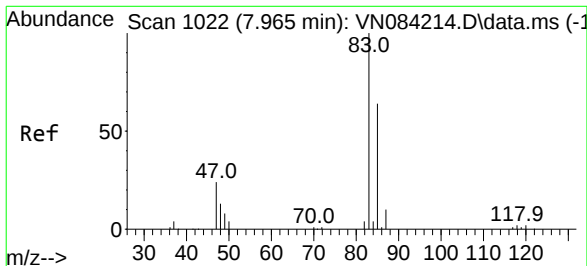
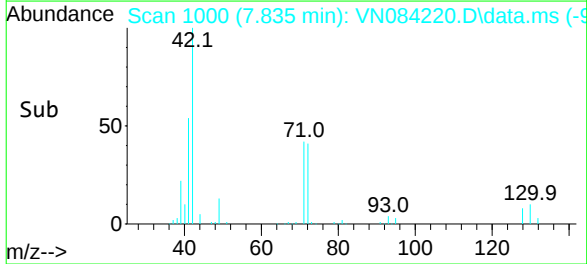
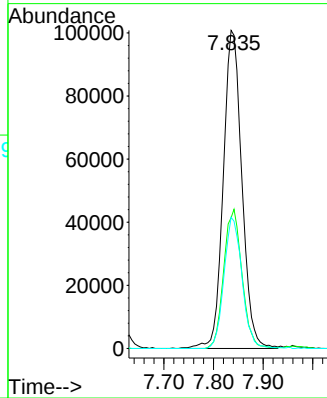
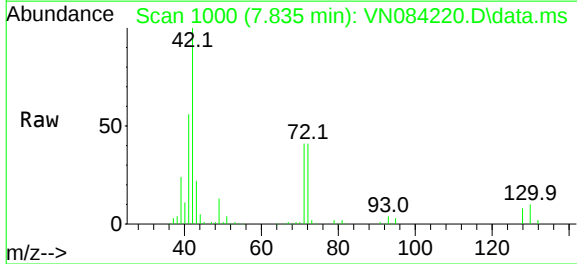
71 40.0 32.2 48.4

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Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#30

Chloroform

Concen: 52.184 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN084220.D

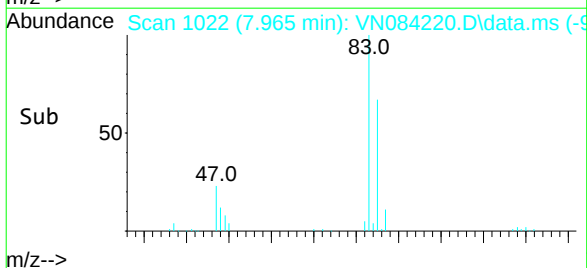
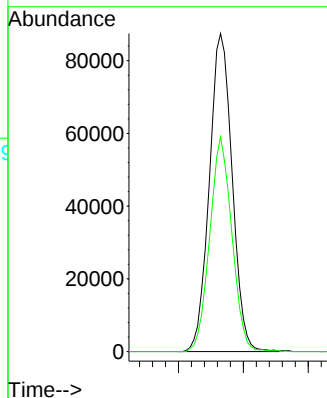
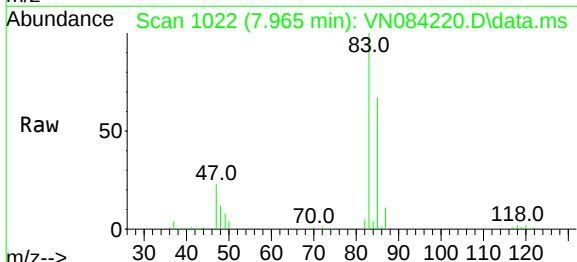
Acq: 30 Sep 2024 15:36

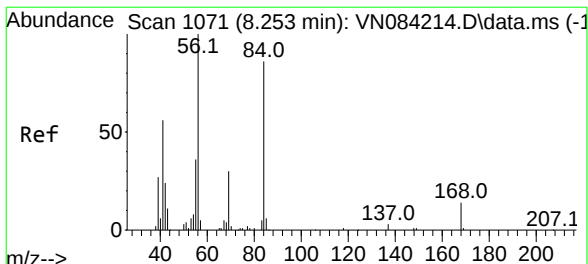
Tgt Ion: 83 Resp: 213634

Ion Ratio Lower Upper

83 100

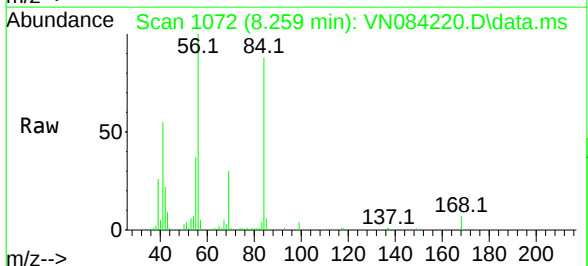
85 67.5 51.0 76.4





#31
Cyclohexane
Concen: 49.809 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024

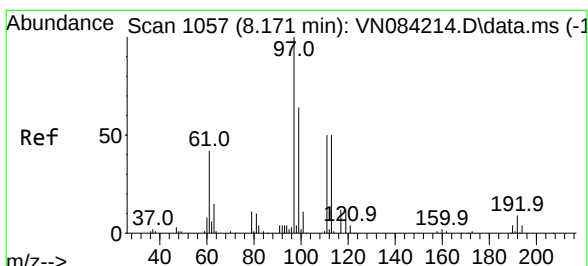
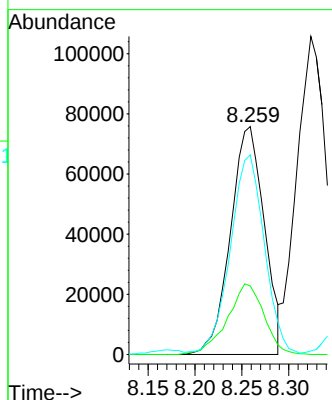
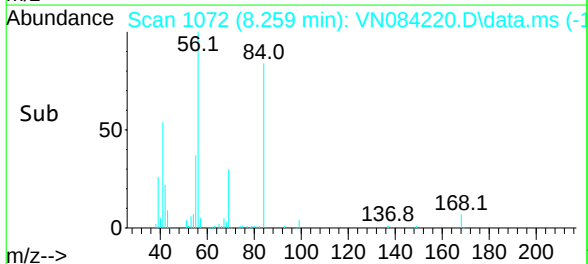


Tgt Ion: 56 Resp: 190602

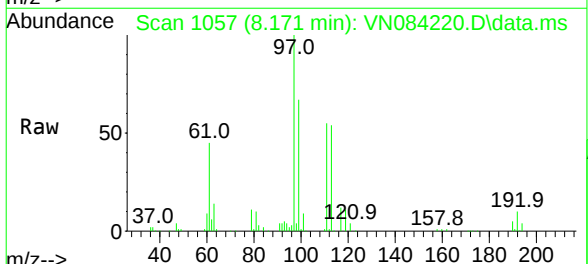
Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.8	35.6
84	85.8	68.8	103.2

Manual Integrations
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Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

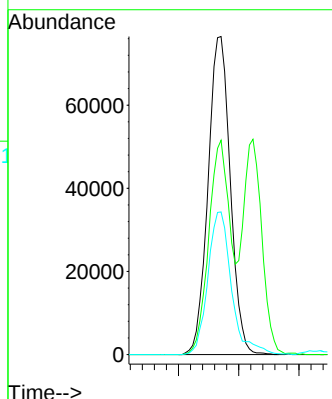
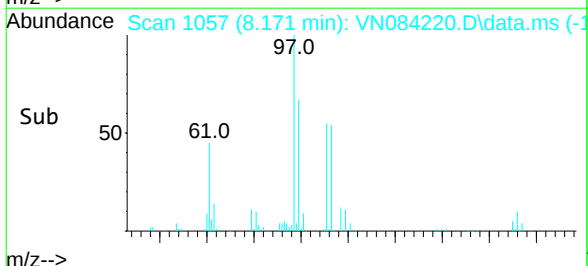


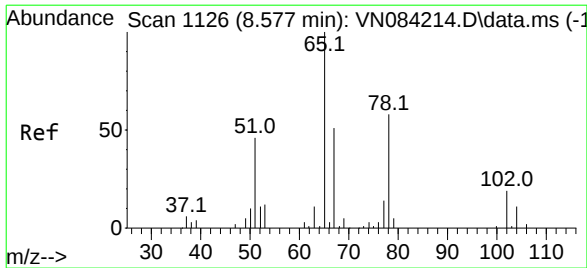
#32
1,1,1-Trichloroethane
Concen: 53.395 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36



Tgt Ion: 97 Resp: 196319

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.2	76.8
61	47.6	37.5	56.3





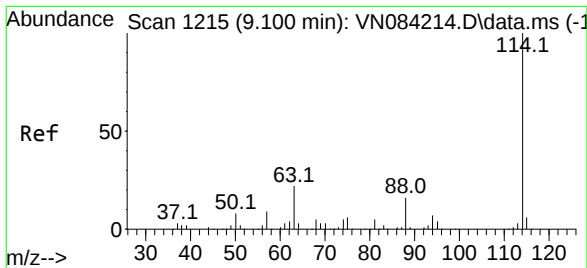
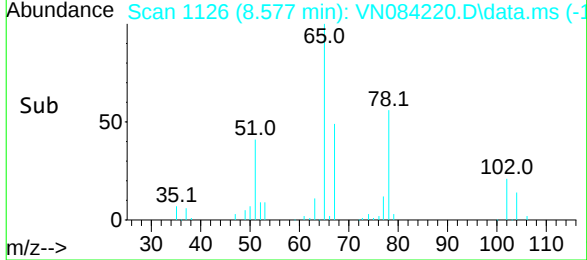
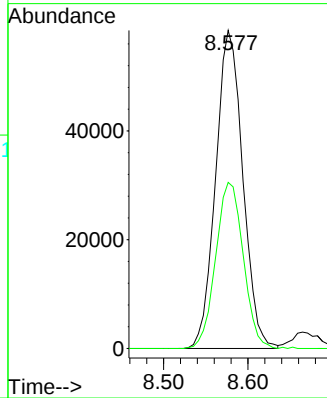
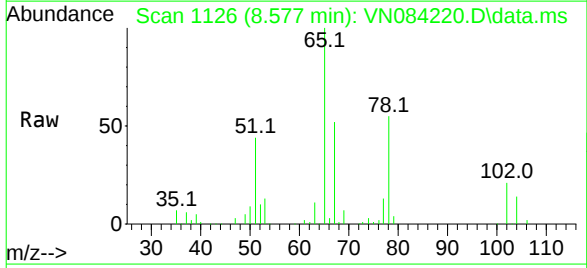
#33
1,2-Dichloroethane-d4
Concen: 50.564 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024

Tgt Ion: 65 Resp: 130630
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.0

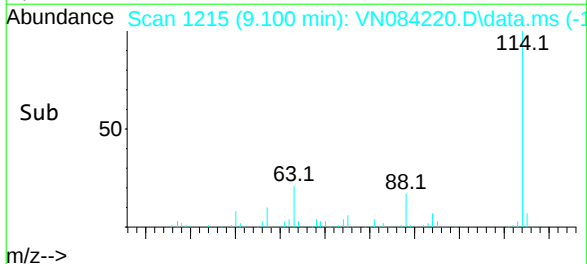
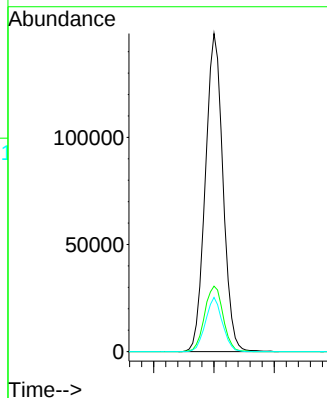
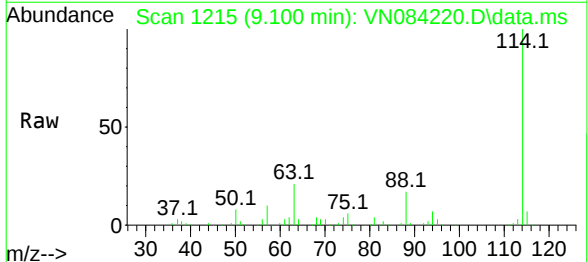
Manual Integrations
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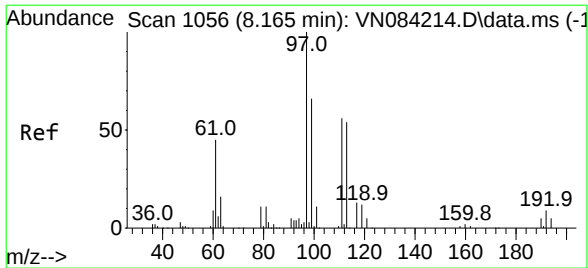
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

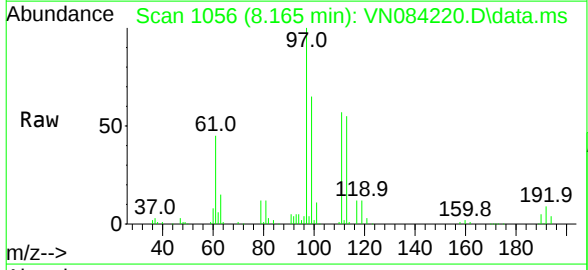
Tgt Ion:114 Resp: 300916
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.8
88 17.0 0.0 31.6





#35
 Dibromofluoromethane
 Concen: 50.508 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084220.D
 Acq: 30 Sep 2024 15:36

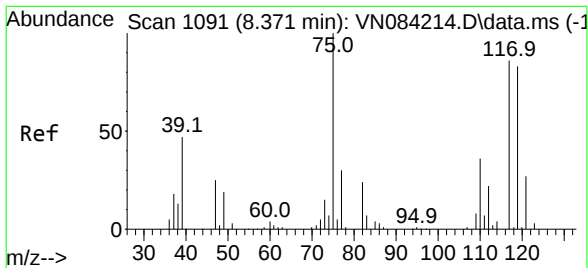
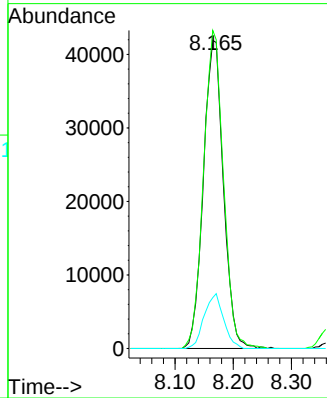
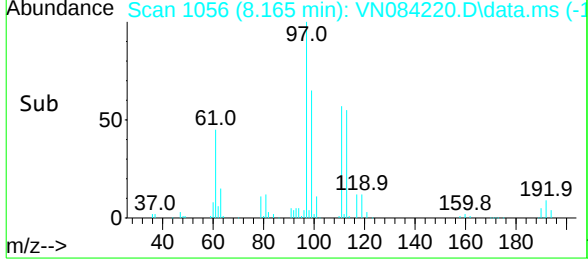
Instrument : MSVOA_N
 ClientSampleId : ICSVN093024



Tgt Ion:	113	Resp:	100200
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.3	124.9
192	17.3	13.5	20.3

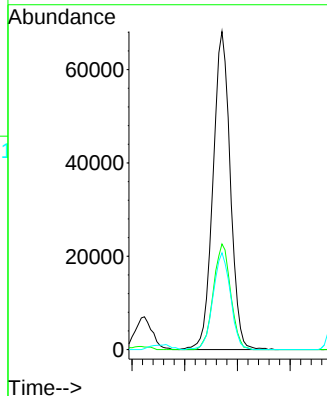
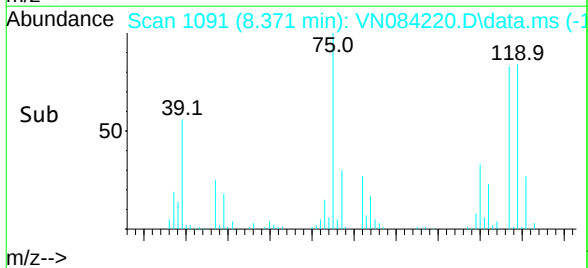
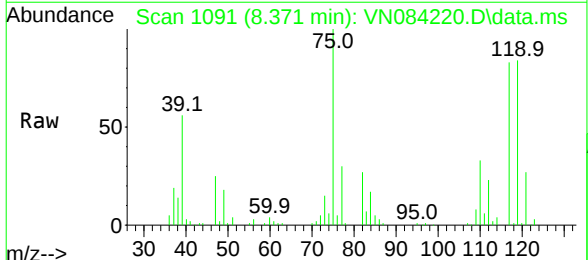
Manual Integrations
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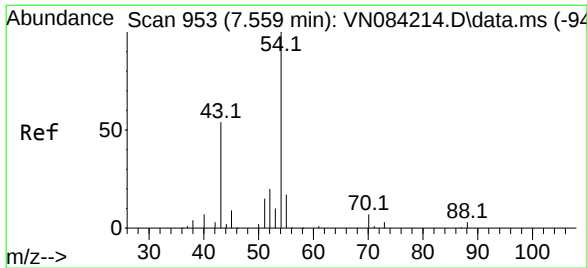
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#36
 1,1-Dichloropropene
 Concen: 53.917 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. -0.000 min
 Lab File: VN084220.D
 Acq: 30 Sep 2024 15:36

Tgt Ion:	75	Resp:	155365
Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.9	50.7
77	30.7	24.7	37.1





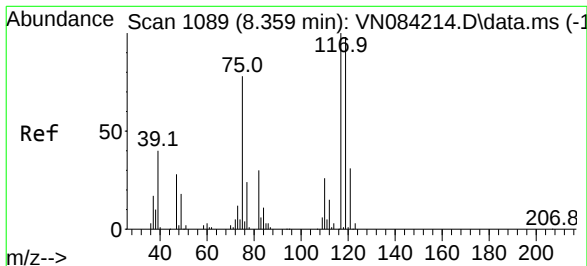
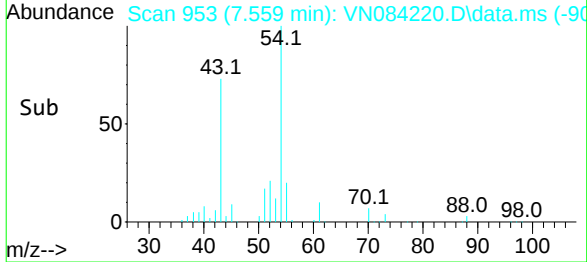
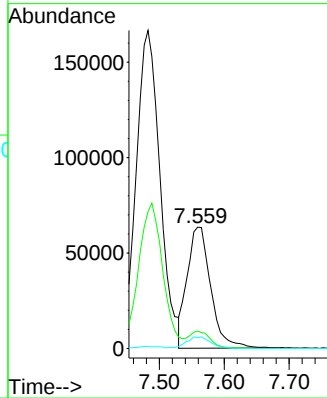
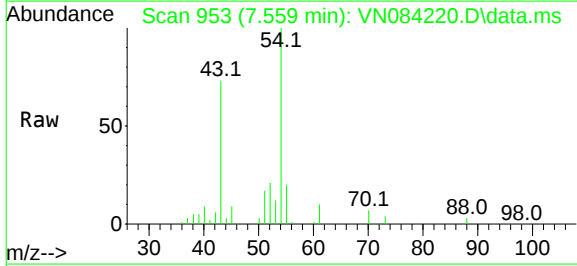
#37
Ethyl Acetate
Concen: 54.043 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024

Tgt Ion: 43	Resp: 159764
Ion Ratio	Lower Upper
43 100	
61 13.5	10.7 16.1
70 10.0	8.8 13.2

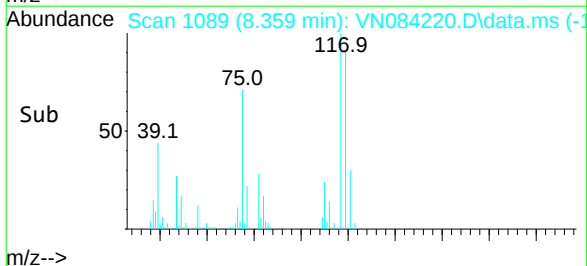
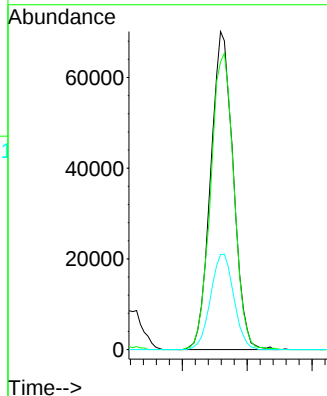
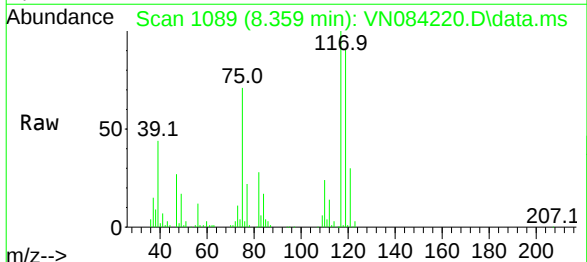
Manual Integrations
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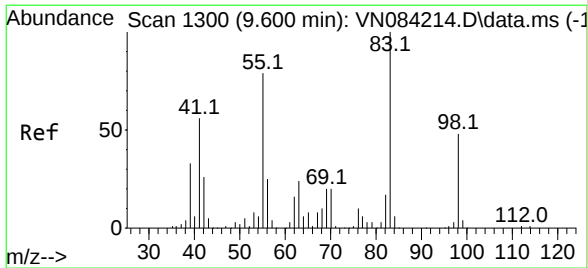
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#38
Carbon Tetrachloride
Concen: 53.593 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

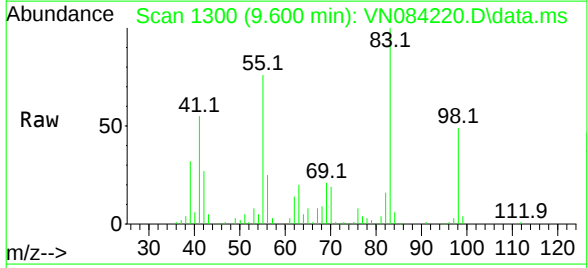
Tgt Ion: 117	Resp: 169403
Ion Ratio	Lower Upper
117 100	
119 90.5	78.7 118.1
121 29.9	24.4 36.6





#39
Methylcyclohexane
Concen: 56.648 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

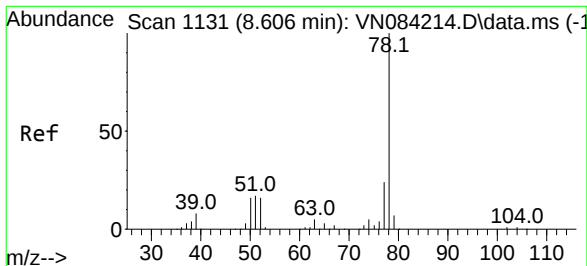
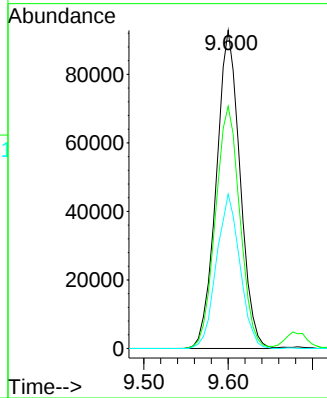
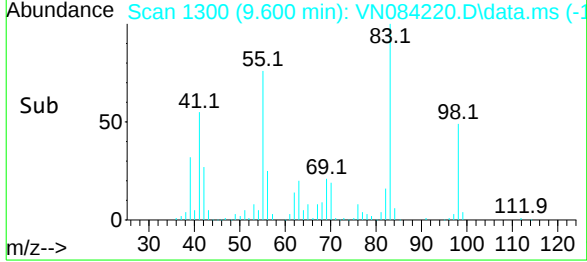
Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024



Tgt Ion: 83 Resp: 181676
Ion Ratio Lower Upper
83 100
55 76.1 62.8 94.2
98 48.6 38.8 58.2

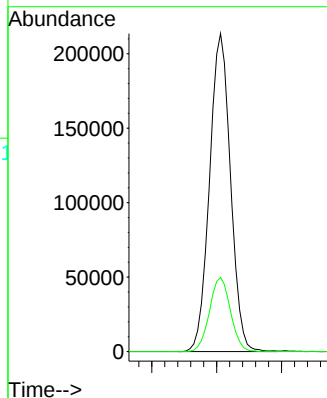
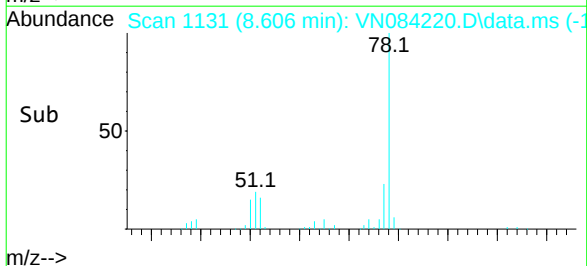
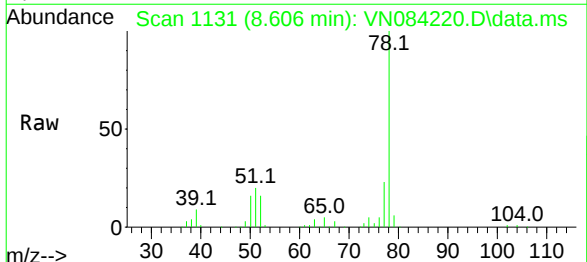
Manual Integrations
APPROVED

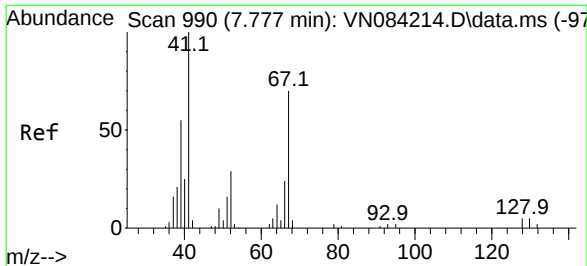
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#40
Benzene
Concen: 53.301 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Tgt Ion: 78 Resp: 478538
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7





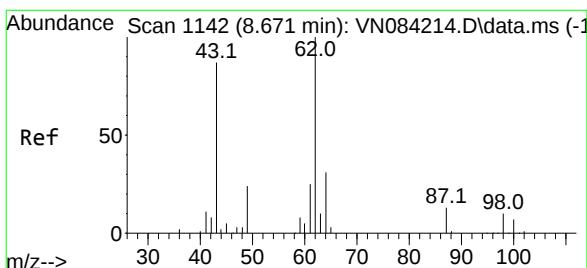
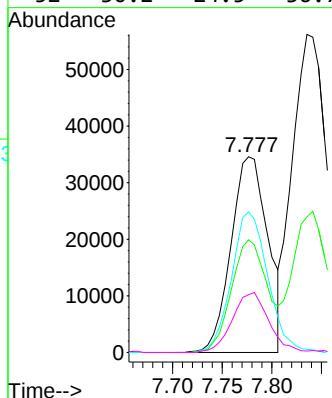
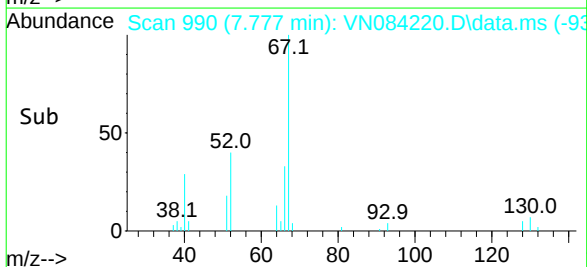
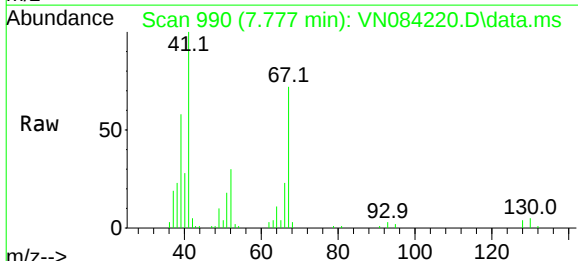
#41
Methacrylonitrile
Concen: 55.708 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024

Tgt Ion:	41	Resp:	89407
Ion	Ratio	Lower	Upper
41	100		
39	56.2	43.3	64.9
67	70.8	56.1	84.1
52	30.2	24.5	36.7

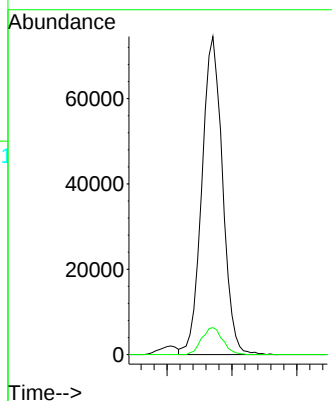
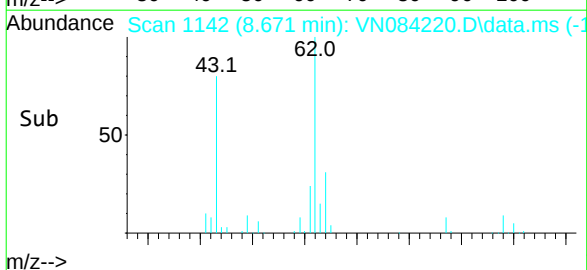
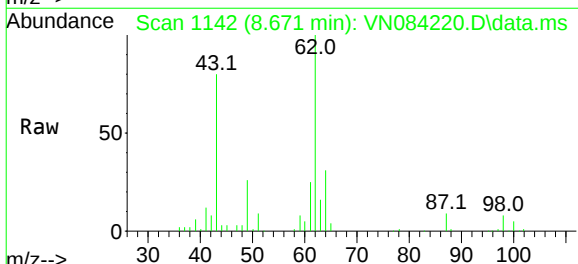
Manual Integrations
APPROVED

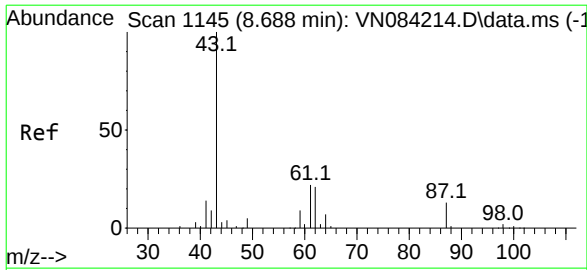
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#42
1,2-Dichloroethane
Concen: 54.131 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Tgt Ion:	62	Resp:	164758
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2





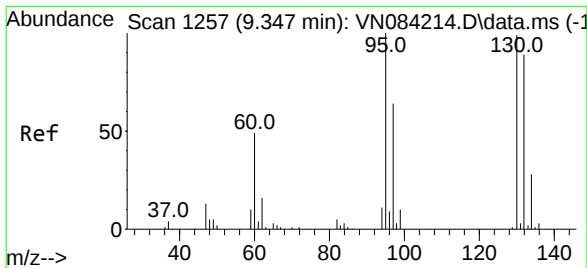
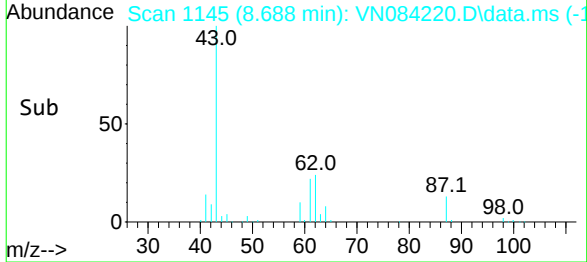
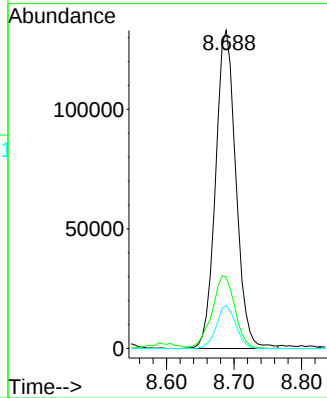
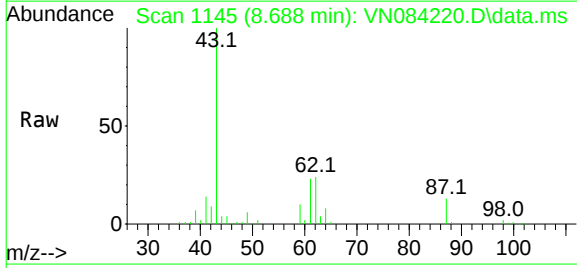
#43
Isopropyl Acetate
Concen: 48.126 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument : MSVOA_N
ClientSampleId : ICVVN093024

Tgt Ion: 43 Resp: 278668
Ion Ratio Lower Upper
43 100
61 25.8 20.4 30.6
87 12.9 10.3 15.5

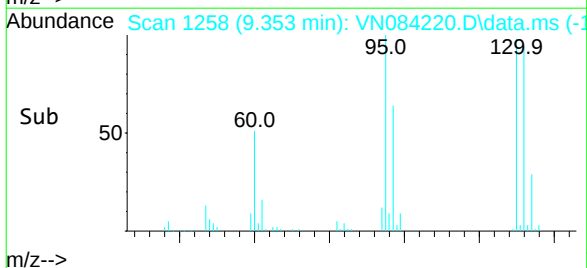
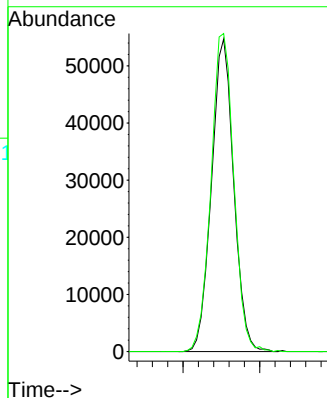
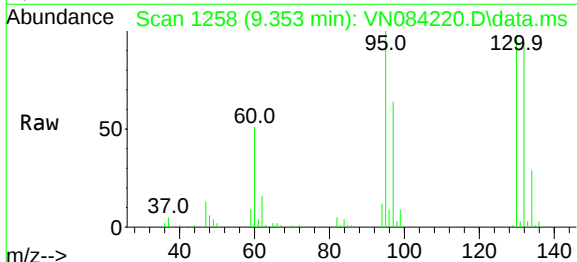
Manual Integrations
APPROVED

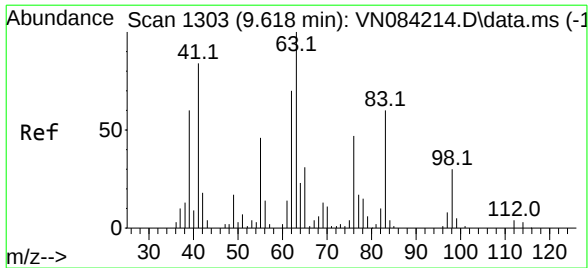
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#44
Trichloroethene
Concen: 52.368 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Tgt Ion:130 Resp: 109810
Ion Ratio Lower Upper
130 100
95 101.8 0.0 203.0





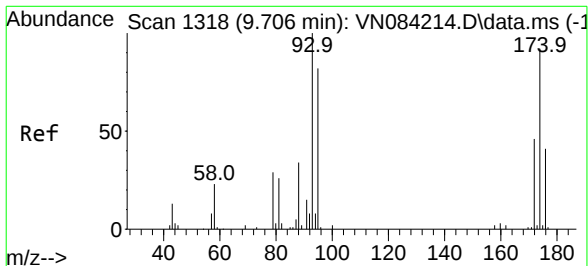
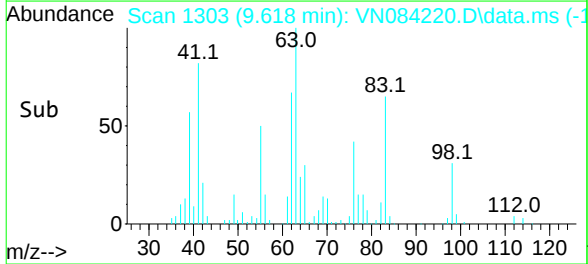
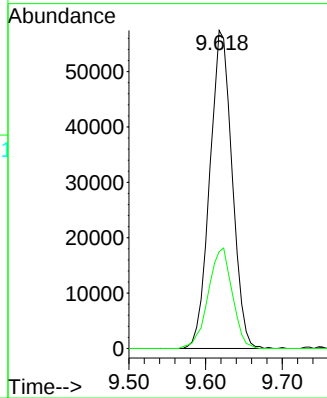
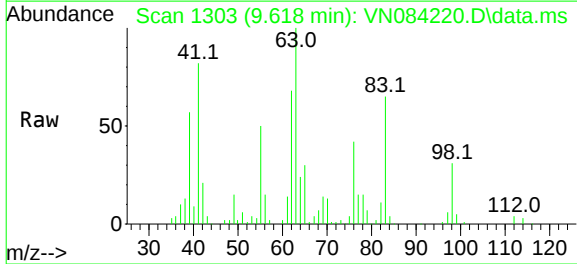
#45
1,2-Dichloropropane
Concen: 54.694 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024

Tgt Ion: 63 Resp: 116161
Ion Ratio Lower Upper
63 100
65 30.4 24.6 37.0

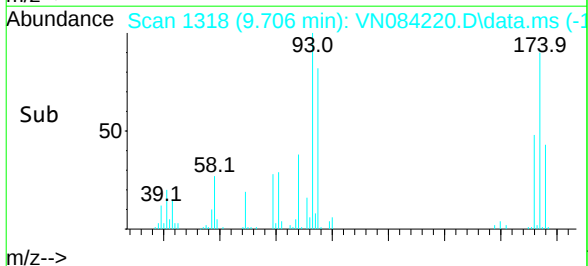
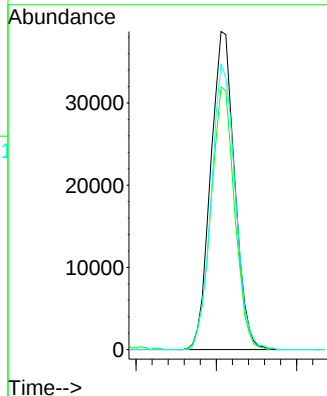
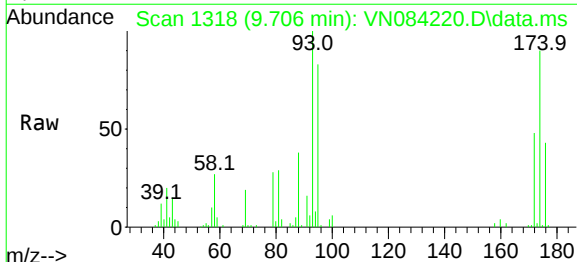
Manual Integrations
APPROVED

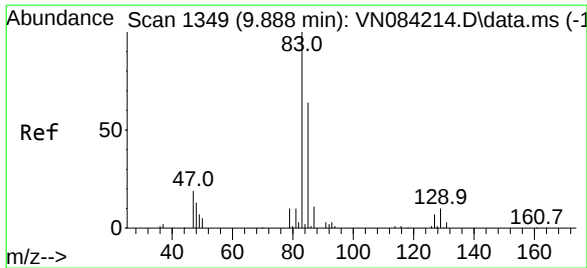
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#46
Dibromomethane
Concen: 56.015 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Tgt Ion: 93 Resp: 80284
Ion Ratio Lower Upper
93 100
95 81.5 65.0 97.4
174 89.6 71.8 107.8





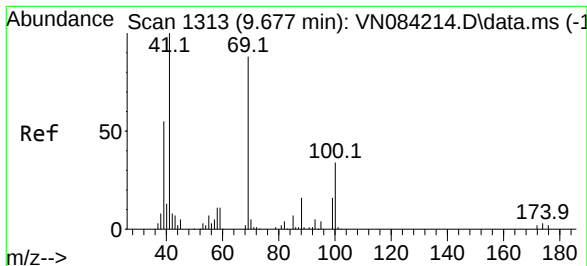
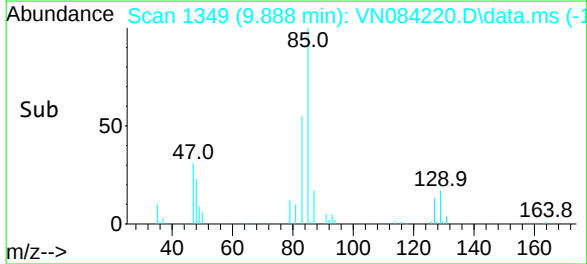
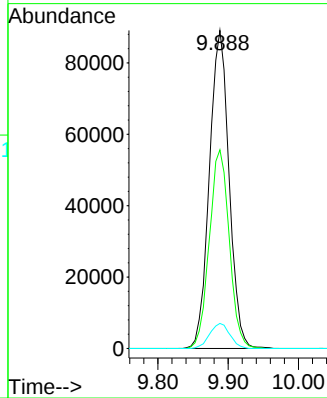
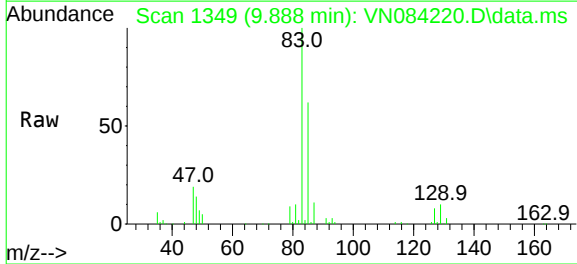
#47
Bromodichloromethane
Concen: 54.335 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024

Tgt Ion: 83 Resp: 173015
Ion Ratio Lower Upper
83 100
85 62.5 51.5 77.3
127 7.9 5.7 8.5

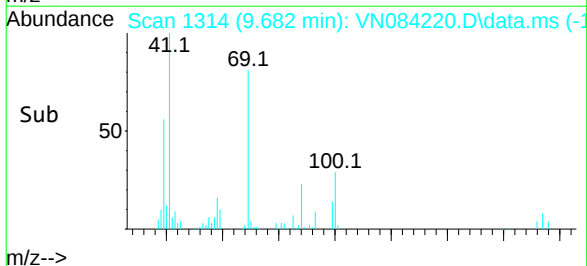
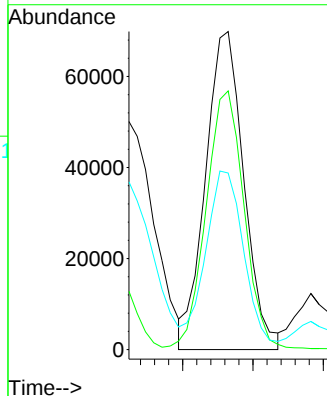
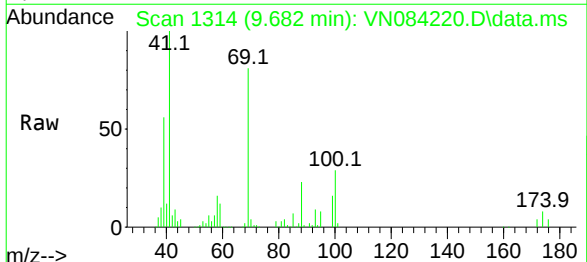
Manual Integrations
APPROVED

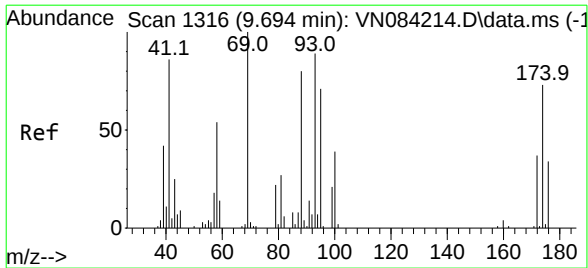
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#48
Methyl methacrylate
Concen: 57.391 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

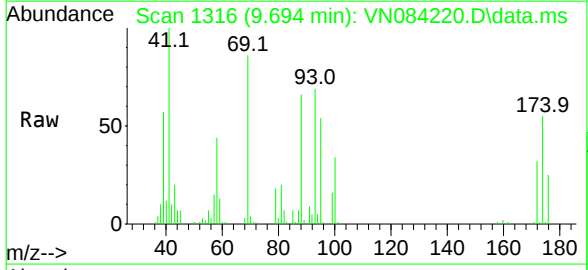
Tgt Ion: 41 Resp: 132287
Ion Ratio Lower Upper
41 100
69 81.0 67.1 100.7
39 56.9 45.8 68.6





#49
1,4-Dioxane
Concen: 1111.545 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

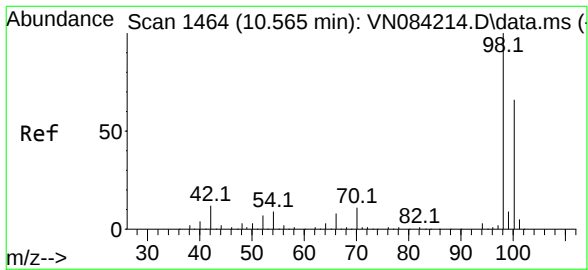
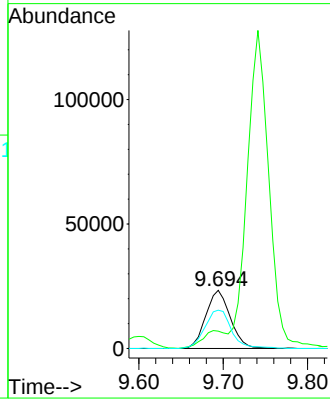
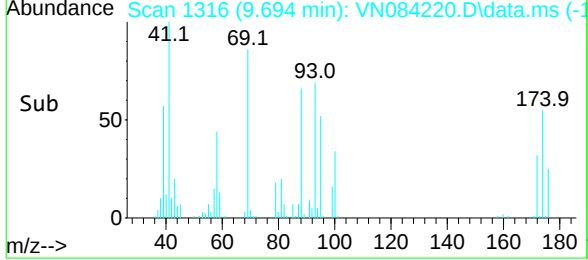
Instrument : MSVOA_N
ClientSampleId : ICVVN093024



Tgt Ion:	88	Resp:	47169
Ion	Ratio	Lower	Upper
88	100		
43	31.2	25.3	37.9
58	71.7	56.4	84.6

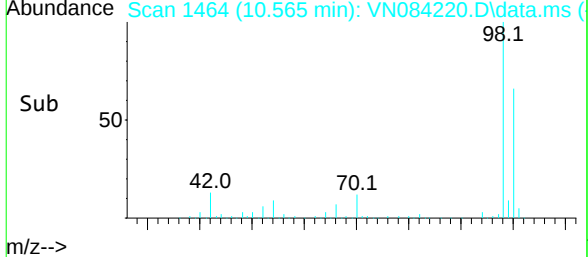
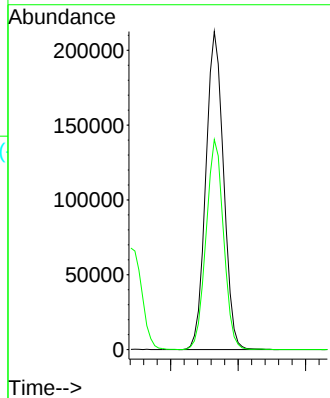
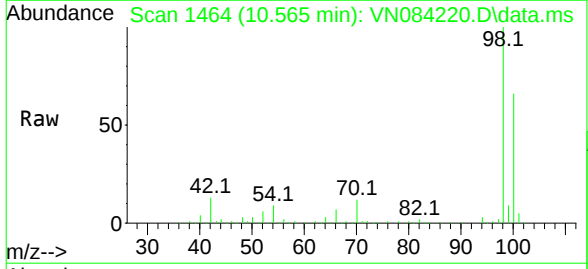
Manual Integrations
APPROVED

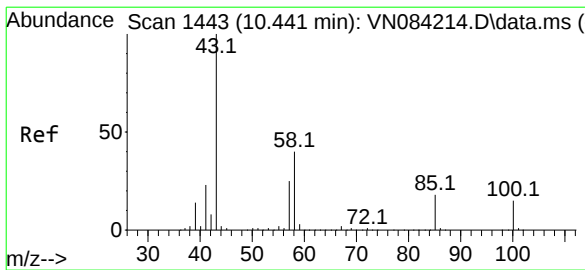
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#50
Toluene-d8
Concen: 53.129 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Tgt Ion:	98	Resp:	387775
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.7	79.1





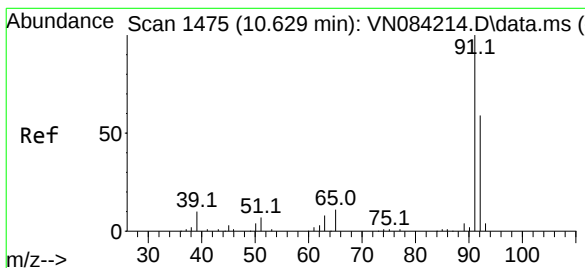
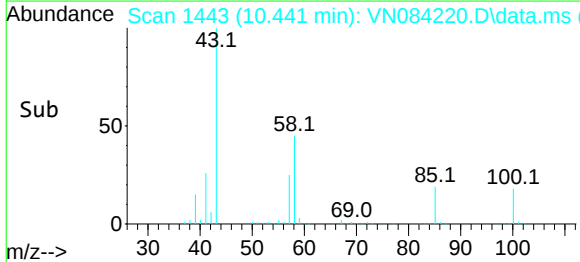
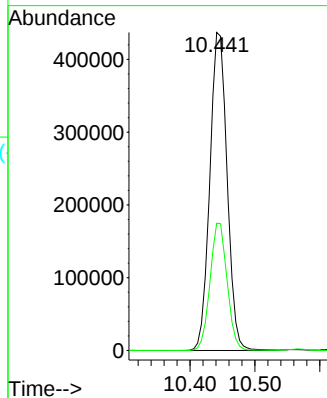
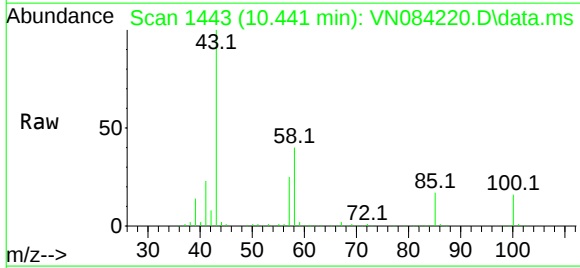
#51
4-Methyl-2-Pentanone
Concen: 287.336 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument : MSVOA_N
ClientSampleId : ICVVN093024

Tgt Ion: 43 Resp: 808630
Ion Ratio Lower Upper
43 100
58 39.5 31.6 47.4

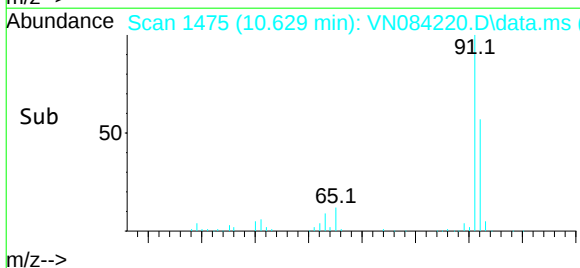
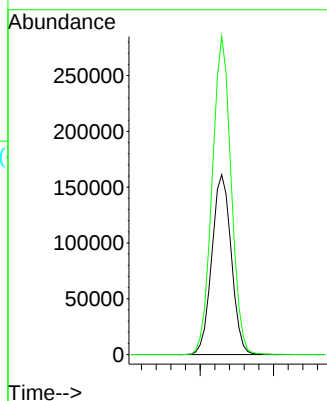
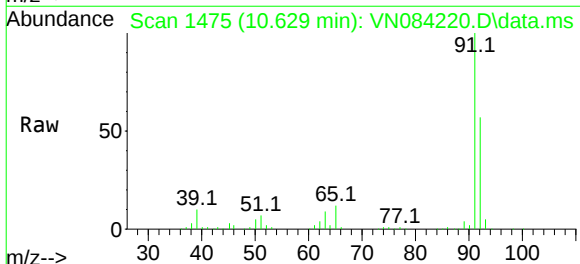
Manual Integrations
APPROVED

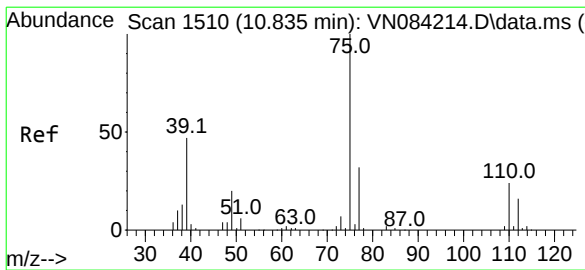
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#52
Toluene
Concen: 54.185 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

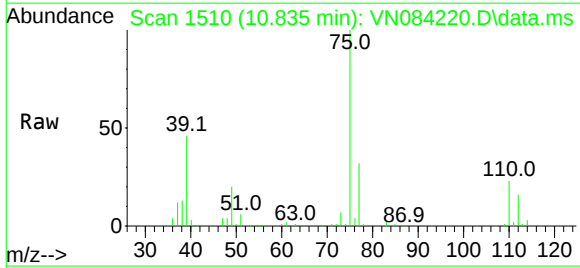
Tgt Ion: 92 Resp: 296651
Ion Ratio Lower Upper
92 100
91 173.0 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 56.426 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

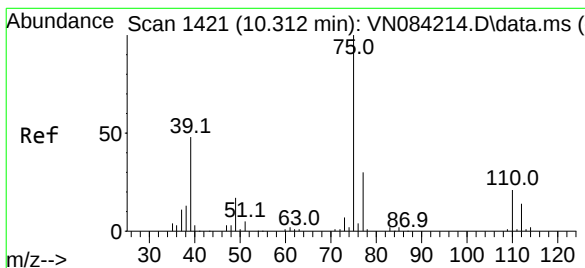
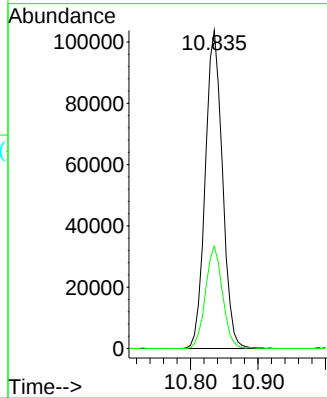
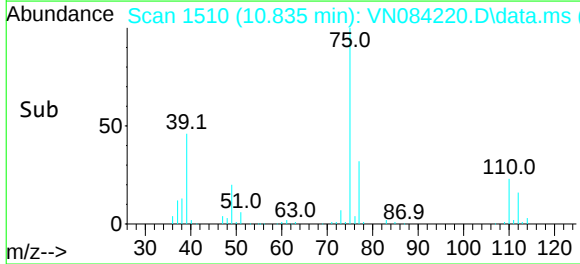
Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024



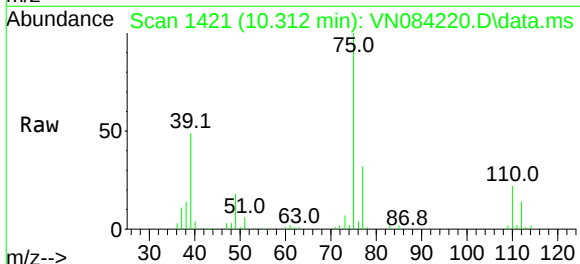
Tgt Ion: 75 Resp: 183153
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

Manual Integrations
APPROVED

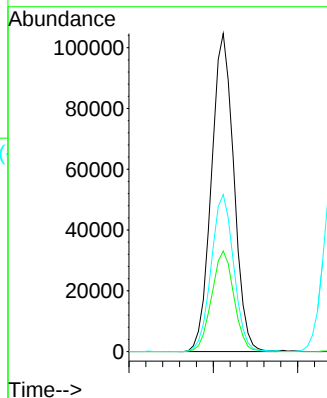
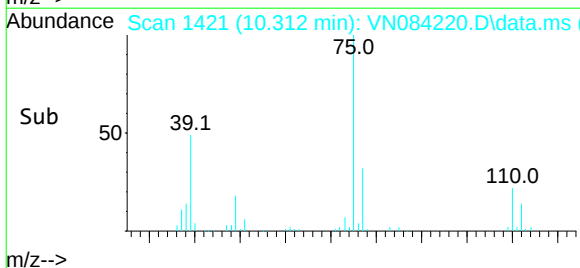
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

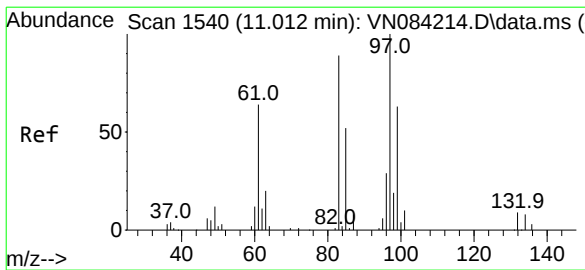


#54
cis-1,3-Dichloropropene
Concen: 55.416 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36



Tgt Ion: 75 Resp: 193475
Ion Ratio Lower Upper
75 100
77 31.6 24.2 36.2
39 49.4 38.7 58.1





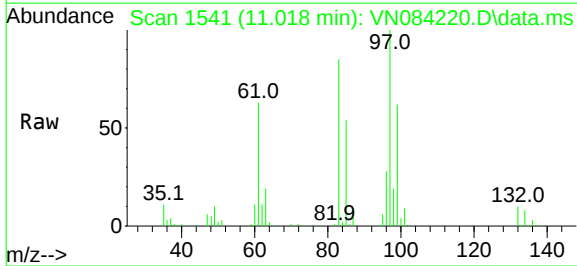
#55
1,1,2-Trichloroethane
Concen: 55.307 ug/l
RT: 11.018 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093024



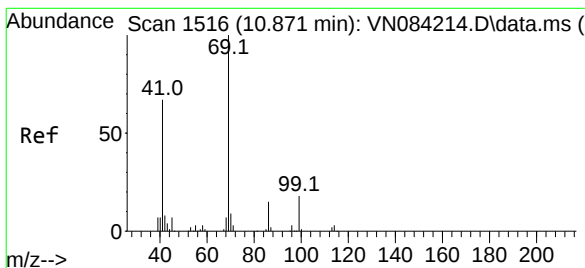
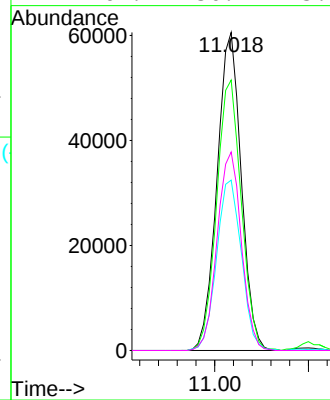
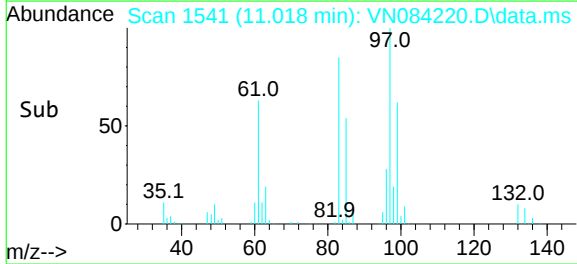
Tgt Ion:	97	Resp:	108550
Ion	Ratio	Lower	Upper
97	100		
83	85.0	71.0	106.4
85	53.6	41.7	62.5
99	62.4	50.1	75.1

Manual Integrations

APPROVED

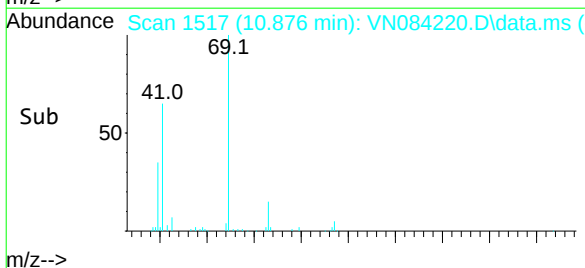
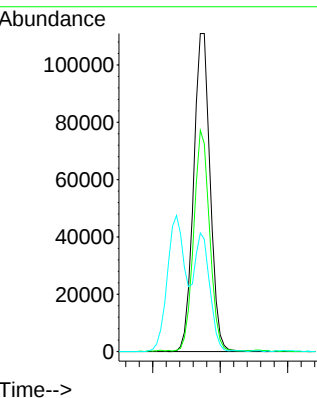
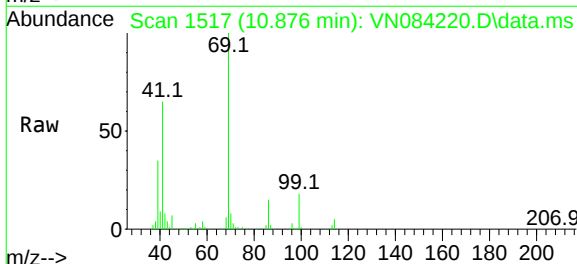
Reviewed By :John Carlone 10/01/2024

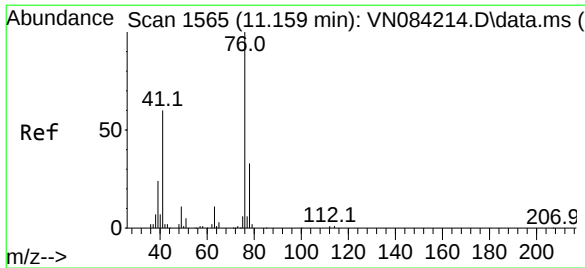
Supervised By :Mahesh Dadoda 10/01/2024



#56
Ethyl methacrylate
Concen: 58.561 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Tgt Ion:	69	Resp:	189121
Ion	Ratio	Lower	Upper
69	100		
41	66.4	53.3	79.9
39	35.9	28.8	43.2





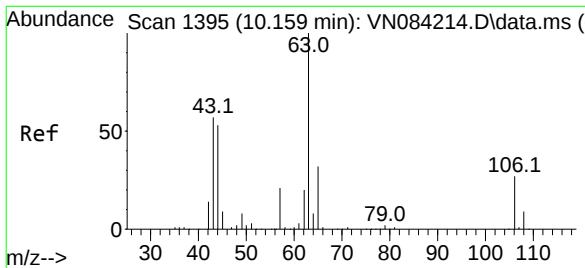
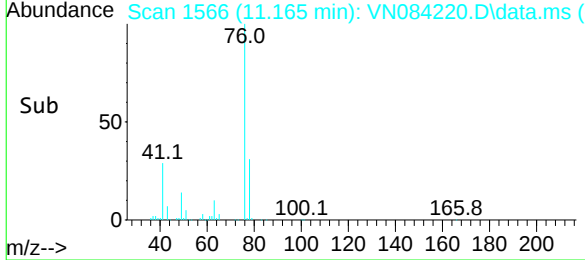
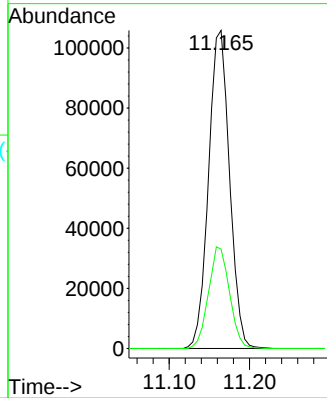
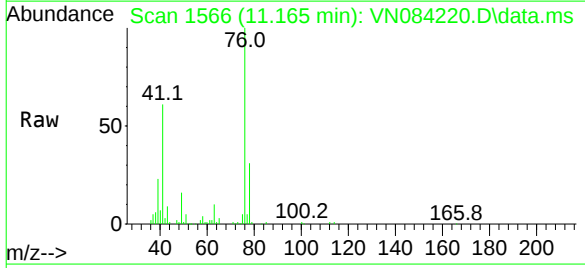
#57
1,3-Dichloropropane
Concen: 54.738 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024

Tgt Ion: 76 Resp: 191966
Ion Ratio Lower Upper
76 100
78 32.0 25.8 38.6

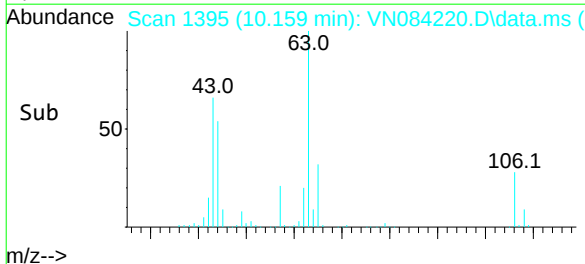
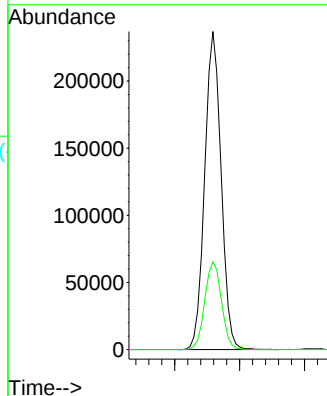
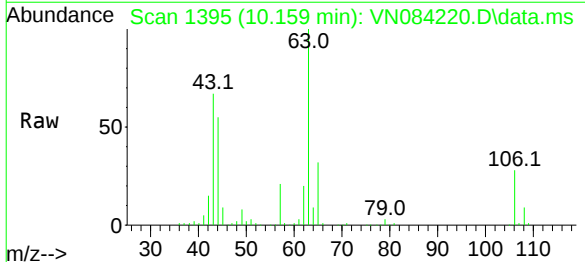
Manual Integrations
APPROVED

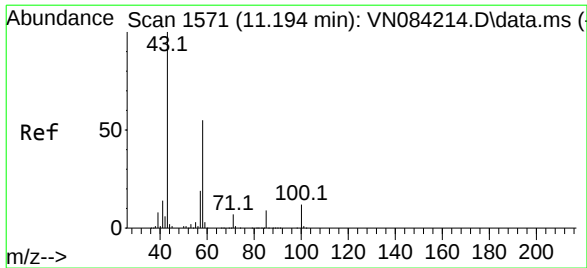
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#58
2-Chloroethyl Vinyl ether
Concen: 277.315 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Tgt Ion: 63 Resp: 415454
Ion Ratio Lower Upper
63 100
106 28.0 21.8 32.6





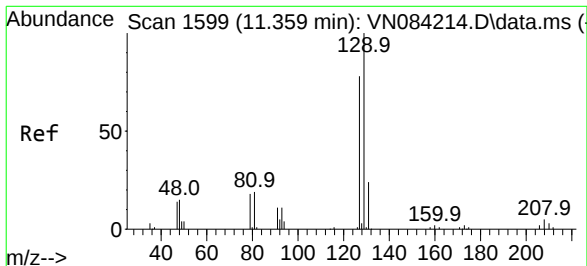
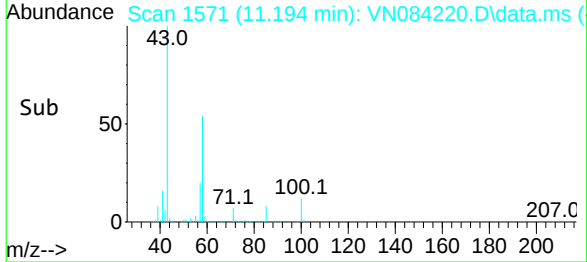
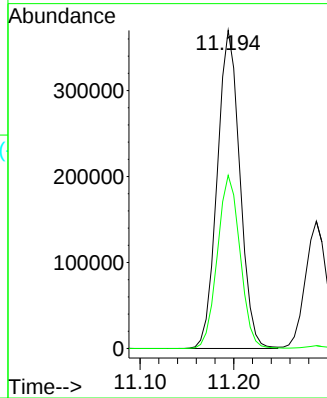
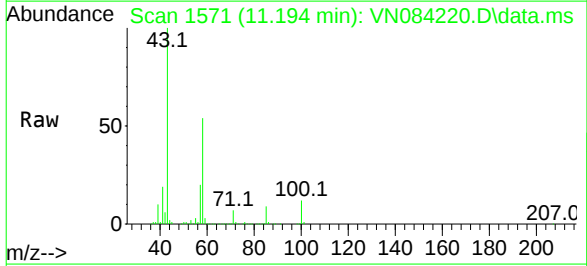
#59
2-Hexanone
Concen: 295.238 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024

Tgt Ion: 43 Resp: 621000
Ion Ratio Lower Upper
43 100
58 54.4 27.3 81.8

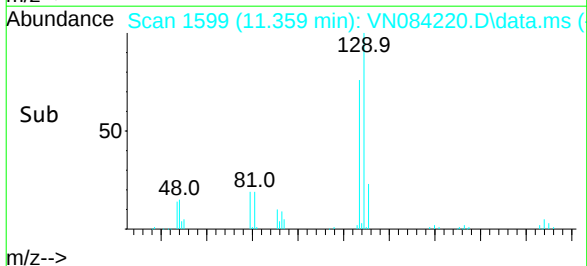
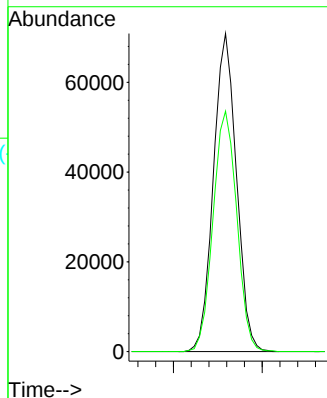
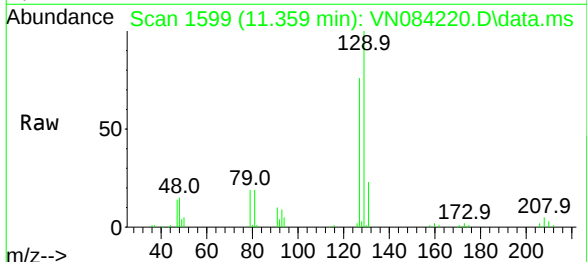
Manual Integrations
APPROVED

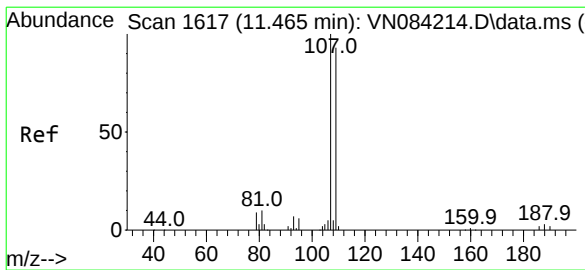
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#60
Dibromochloromethane
Concen: 55.105 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

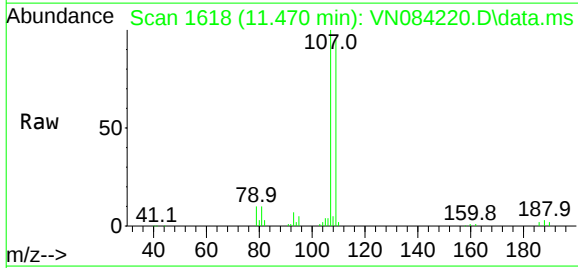
Tgt Ion:129 Resp: 127786
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.9





#61
1,2-Dibromoethane
Concen: 54.548 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

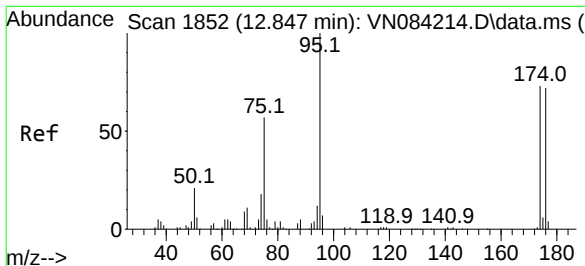
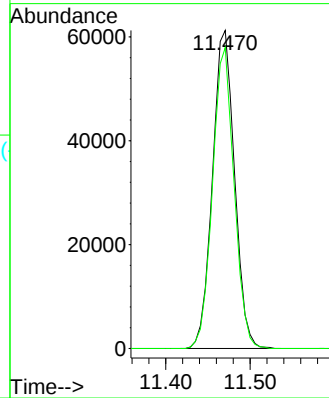
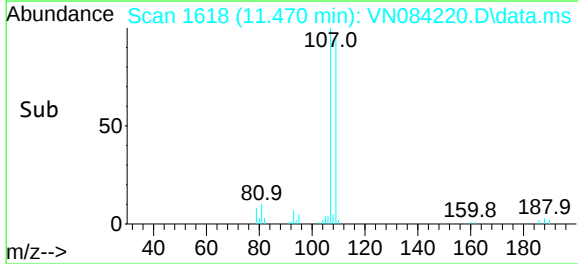
Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024



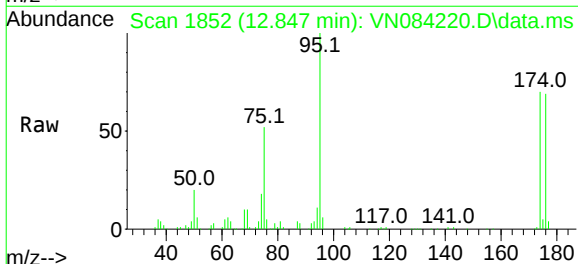
Tgt Ion: 107 Resp: 111244
Ion Ratio Lower Upper
107 100
109 92.5 75.4 113.0

Manual Integrations
APPROVED

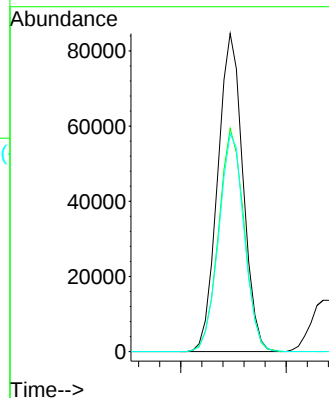
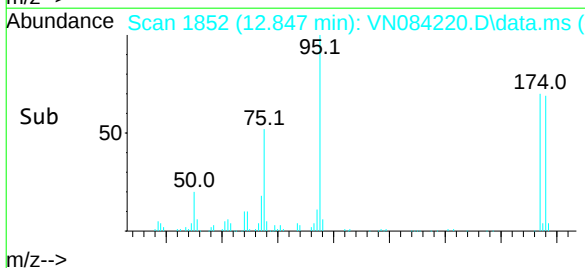
Reviewed By : John Carlone 10/01/2024
Supervised By : Mahesh Dadoda 10/01/2024

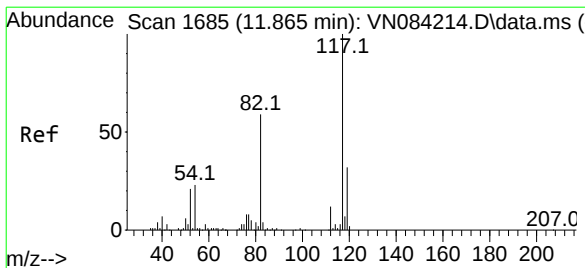


#62
4-Bromofluorobenzene
Concen: 52.971 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36



Tgt Ion: 95 Resp: 140850
Ion Ratio Lower Upper
95 100
174 70.8 0.0 145.2
176 69.2 0.0 140.0





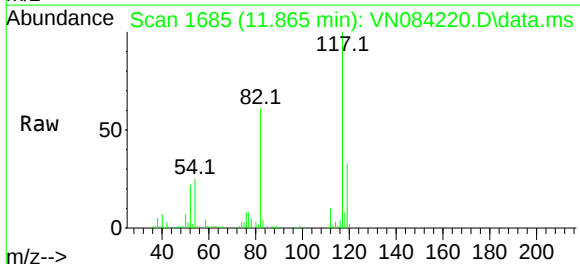
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

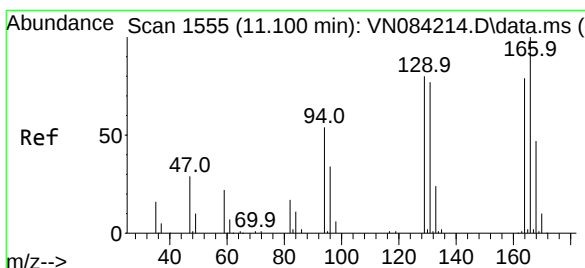
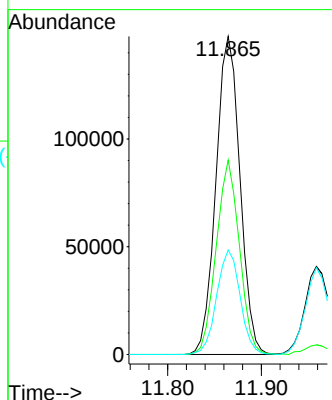
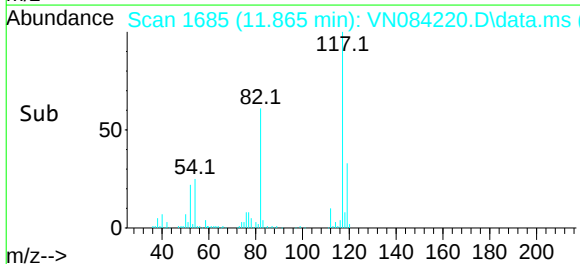
ICVVN093024



Tgt Ion:117 Resp: 263364
Ion Ratio Lower Upper
117 100
82 61.2 47.2 70.8
119 32.9 25.4 38.0

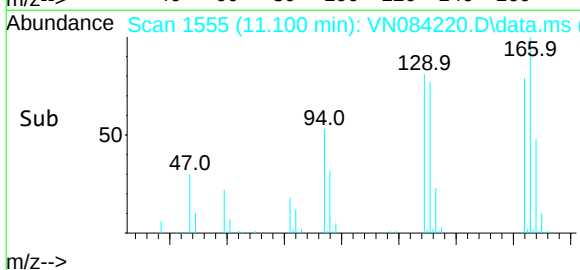
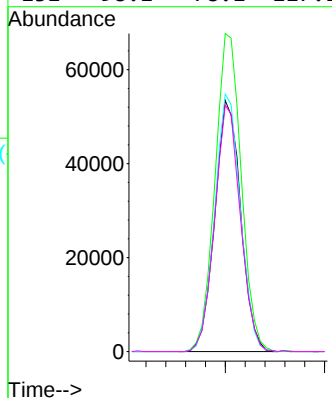
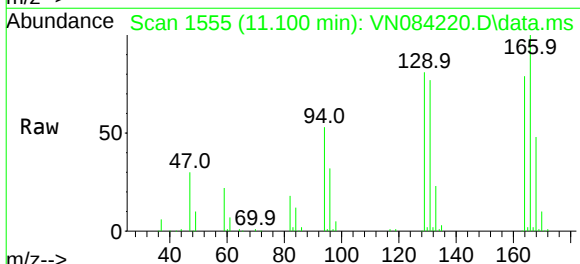
Manual Integrations
APPROVED

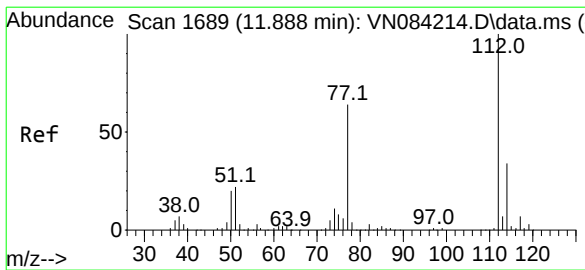
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#64
Tetrachloroethene
Concen: 52.585 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Tgt Ion:164 Resp: 96460
Ion Ratio Lower Upper
164 100
166 126.7 101.0 151.4
129 102.6 80.8 121.2
131 98.1 78.1 117.1





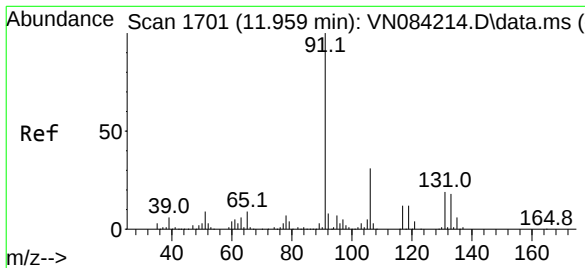
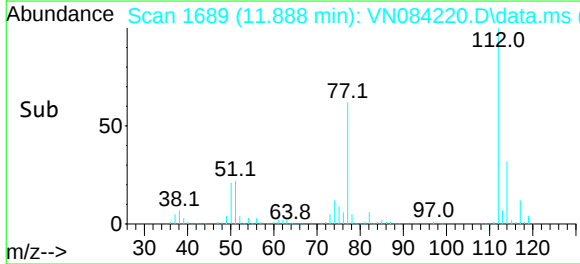
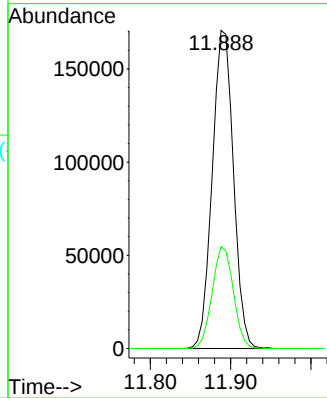
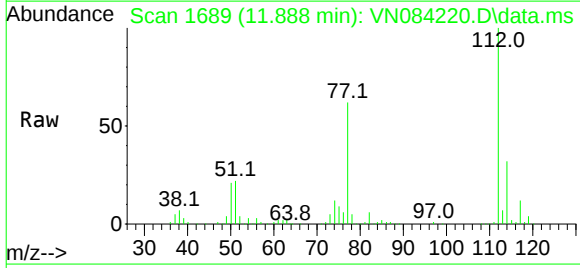
#65
Chlorobenzene
Concen: 53.555 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024

Tgt Ion:112 Resp: 312728
Ion Ratio Lower Upper
112 100
114 32.0 27.0 40.6

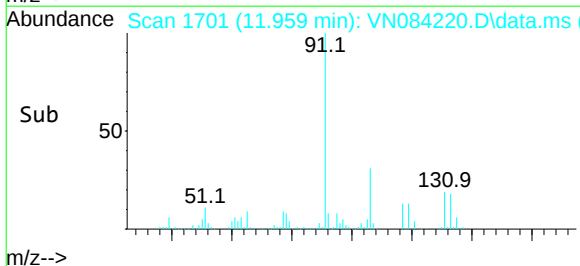
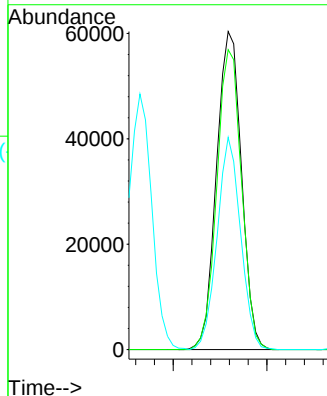
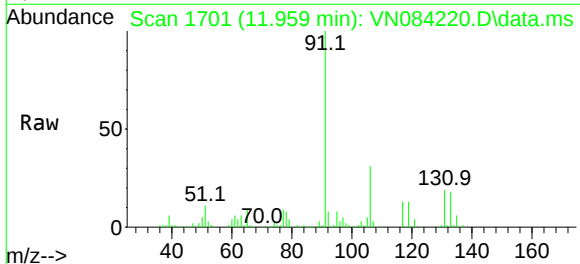
Manual Integrations
APPROVED

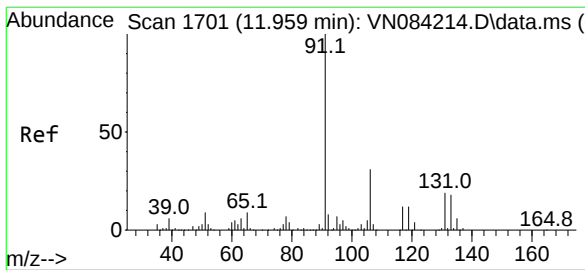
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 55.381 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Tgt Ion:131 Resp: 111388
Ion Ratio Lower Upper
131 100
133 93.4 47.9 143.7
119 62.9 32.8 98.3





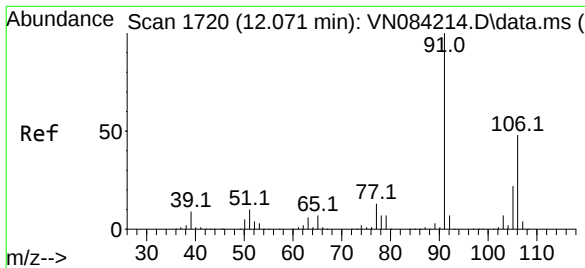
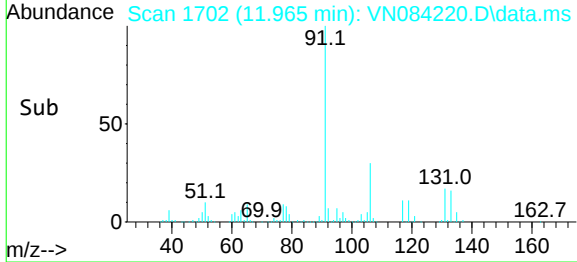
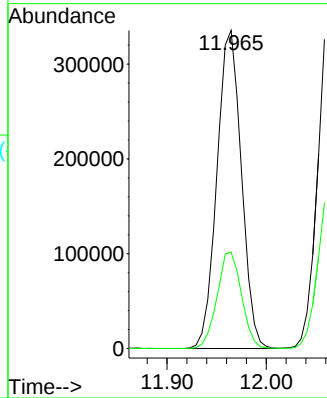
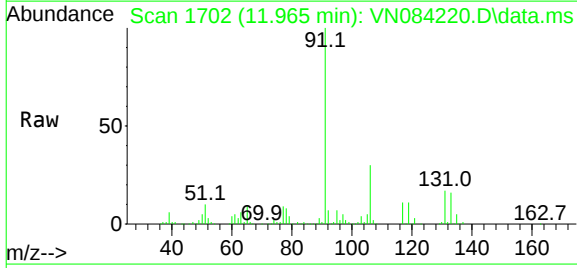
#67
Ethyl Benzene
Concen: 55.563 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024

Tgt Ion: 91 Resp: 573796
Ion Ratio Lower Upper
91 100
106 30.3 24.5 36.7

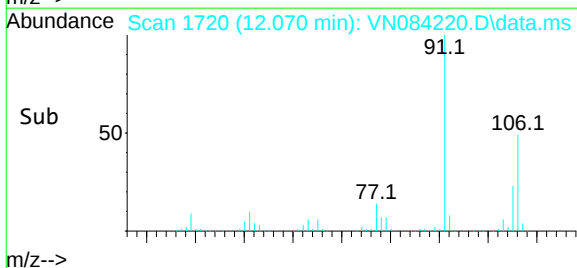
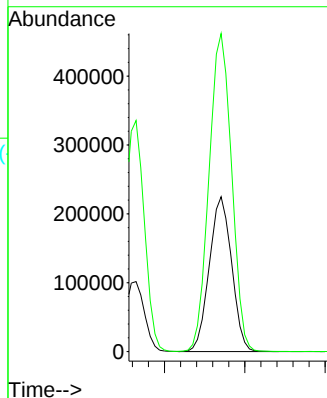
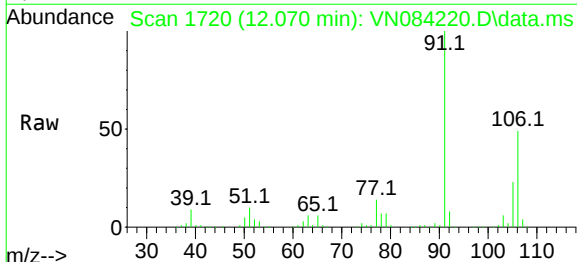
Manual Integrations
APPROVED

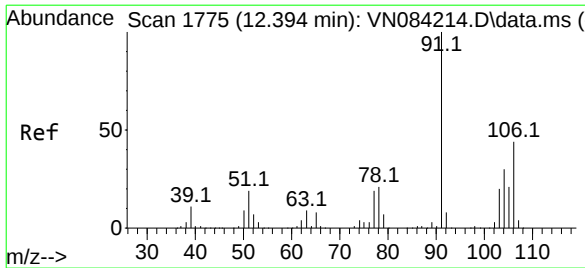
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#68
m/p-Xylenes
Concen: 113.748 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Tgt Ion:106 Resp: 434515
Ion Ratio Lower Upper
106 100
91 208.1 167.1 250.7





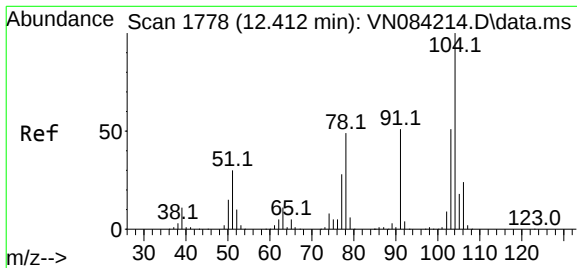
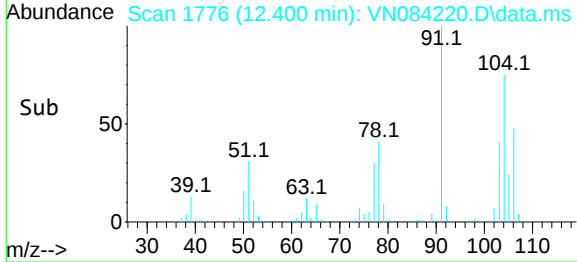
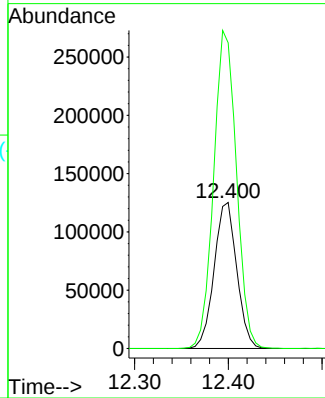
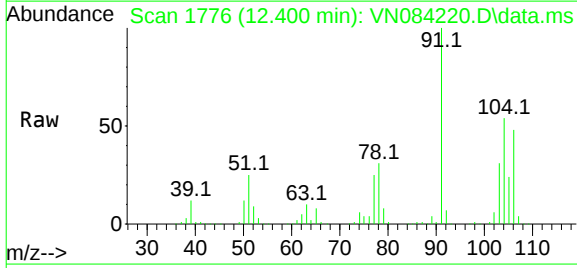
#69
o-Xylene
Concen: 58.032 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024

Tgt Ion:106 Resp: 209737
Ion Ratio Lower Upper
106 100
91 219.4 110.2 330.6

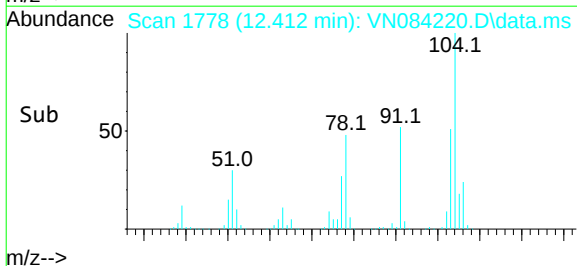
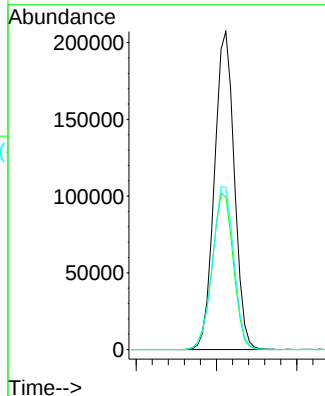
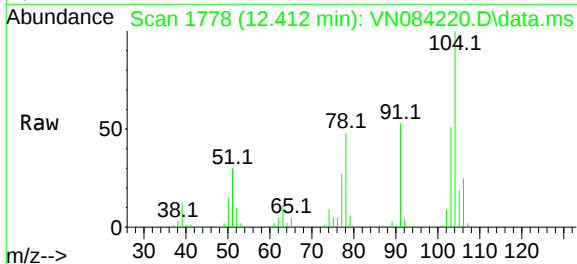
Manual Integrations
APPROVED

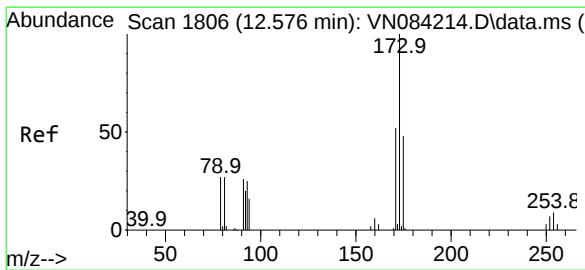
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#70
Styrene
Concen: 58.136 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Tgt Ion:104 Resp: 355892
Ion Ratio Lower Upper
104 100
78 52.7 42.7 64.1
103 55.1 43.6 65.4





#71

Bromoform

Concen: 57.258 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN084220.D

Acq: 30 Sep 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093024

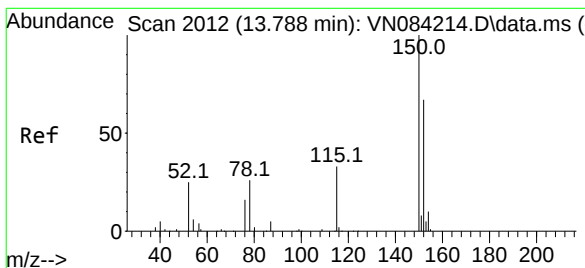
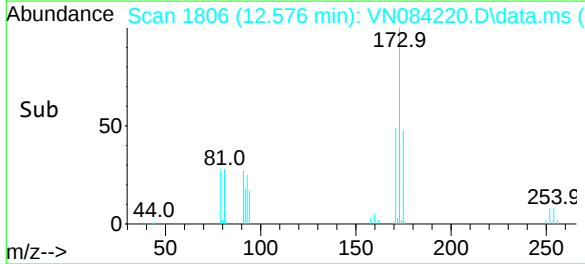
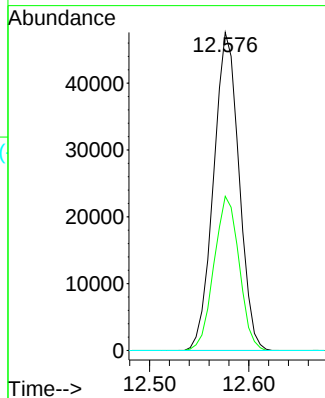
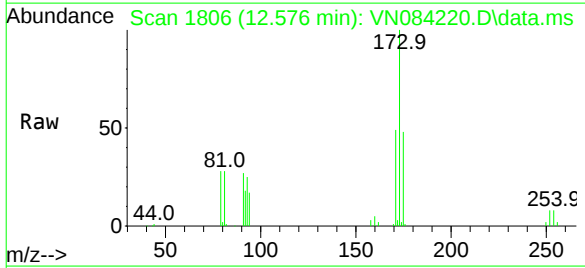
Tgt Ion:	173	Resp:	84787
Ion Ratio	Lower	Upper	
173	100		
175	48.0	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

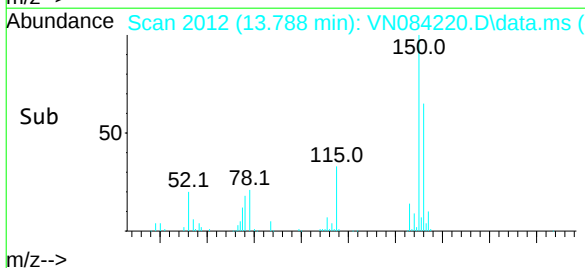
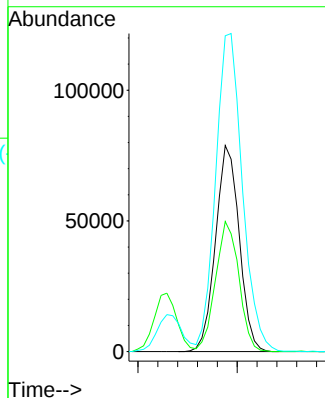
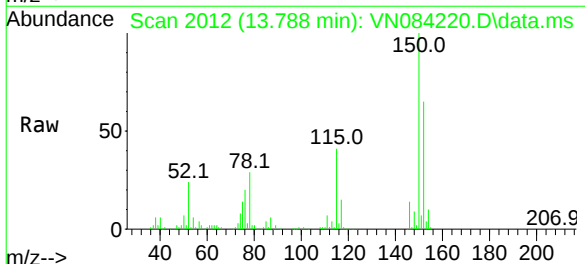
RT: 13.788 min Scan# 2012

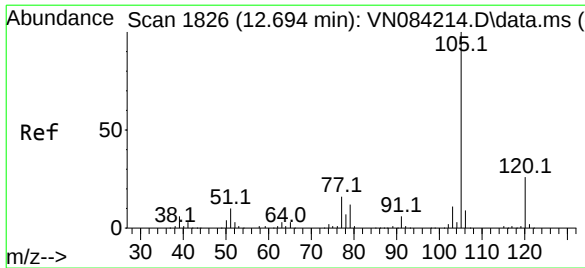
Delta R.T. -0.000 min

Lab File: VN084220.D

Acq: 30 Sep 2024 15:36

Tgt Ion:	152	Resp:	130851
Ion Ratio	Lower	Upper	
152	100		
115	62.2	31.3	93.9
150	174.1	0.0	349.8





#73
Isopropylbenzene
Concen: 53.604 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument :

MSVOA_N

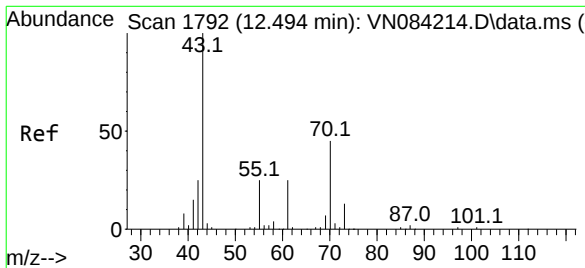
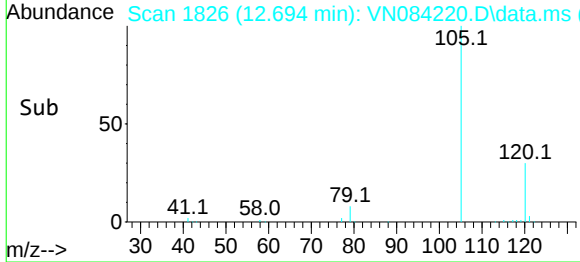
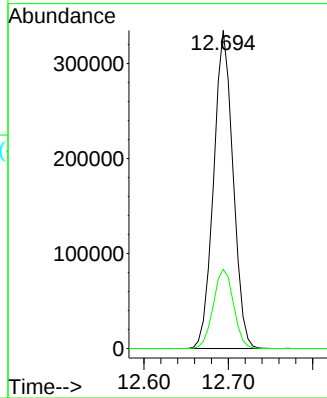
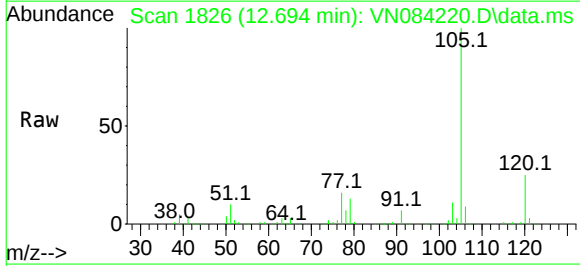
ClientSampleId :

ICVVN093024

Tgt Ion:105 Resp: 535240
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.7

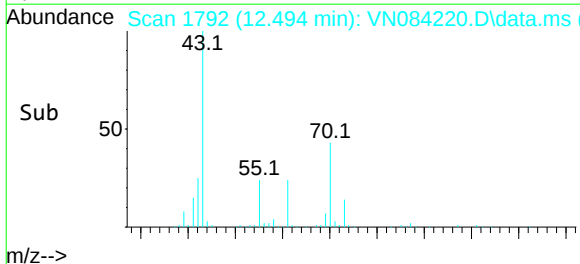
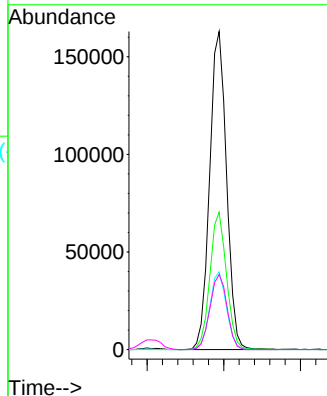
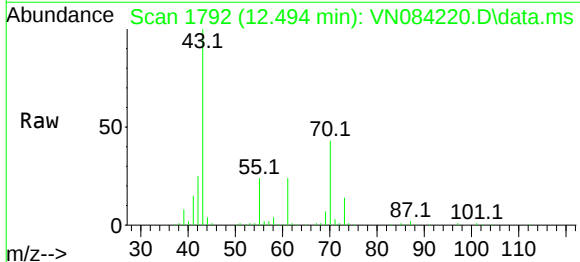
Manual Integrations
APPROVED

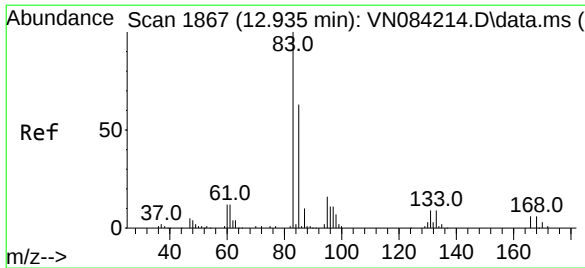
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#74
N-ethyl acetate
Concen: 55.118 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

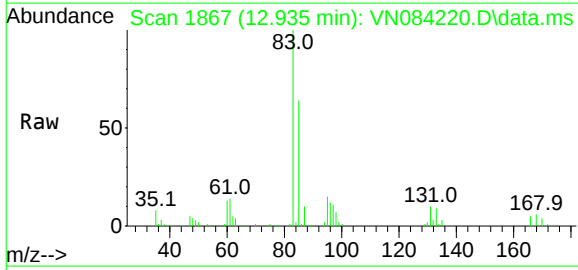
Tgt Ion: 43 Resp: 249223
Ion Ratio Lower Upper
43 100
70 42.5 34.4 51.6
55 24.2 19.6 29.4
61 23.8 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 52.398 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

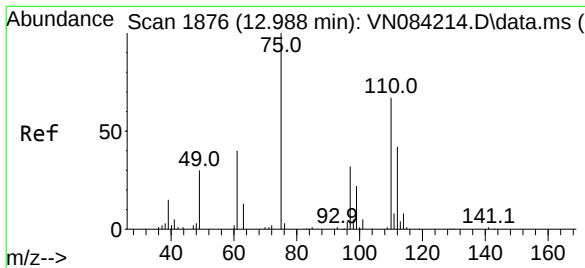
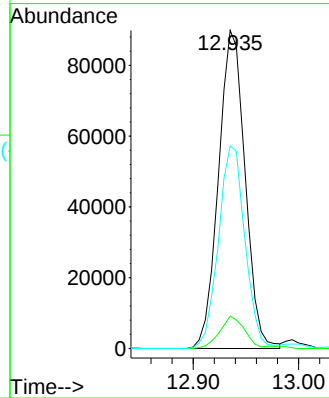
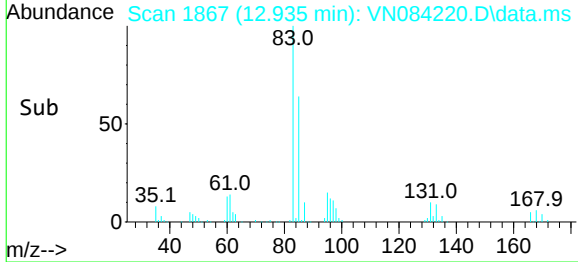
Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024



Tgt Ion: 83 Resp: 157322
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.7
85 63.6 31.9 95.7

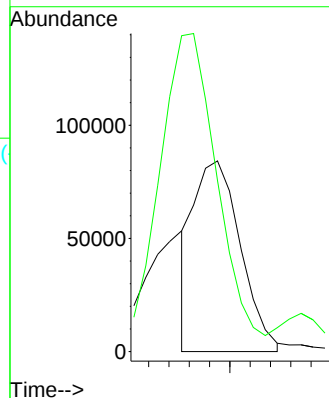
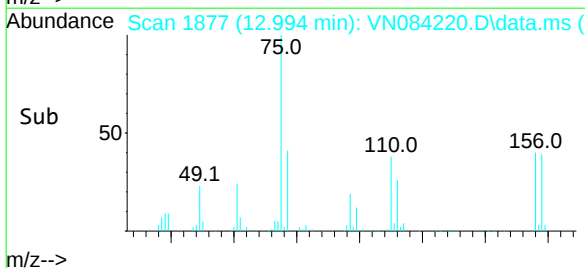
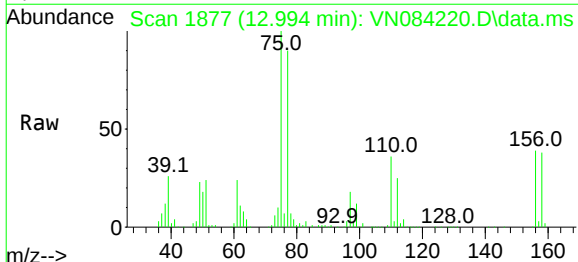
Manual Integrations
APPROVED

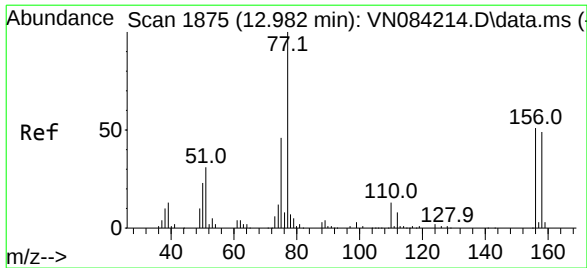
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#76
1,2,3-Trichloropropane
Concen: 50.475 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

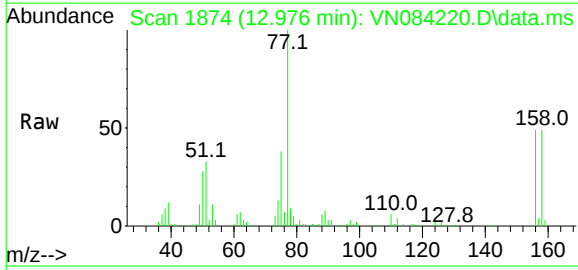
Tgt Ion: 75 Resp: 134836
Ion Ratio Lower Upper
75 100
77 208.3 96.9 290.7





#77
Bromobenzene
Concen: 51.676 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

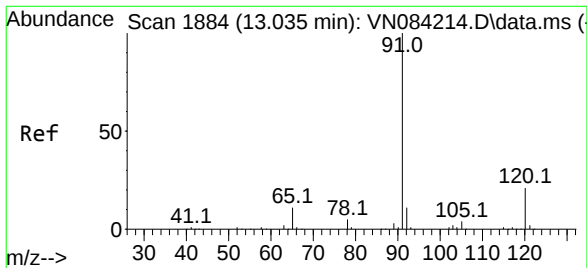
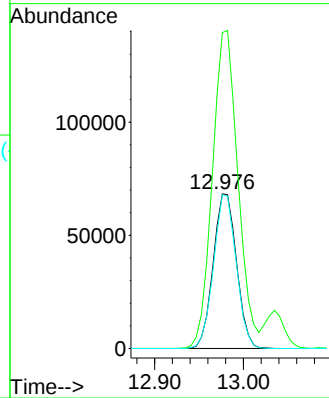
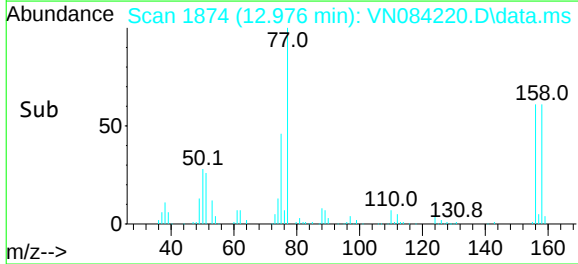
Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024



Tgt Ion: 156 Resp: 124463
Ion Ratio Lower Upper
156 100
77 225.7 115.1 345.3
158 96.8 48.9 146.8

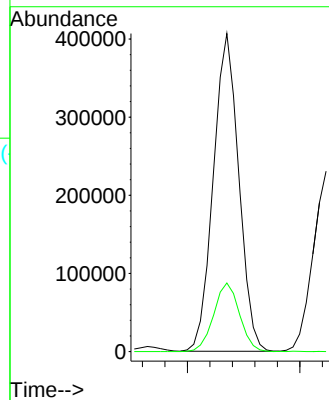
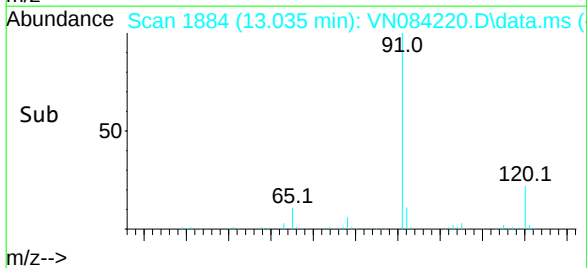
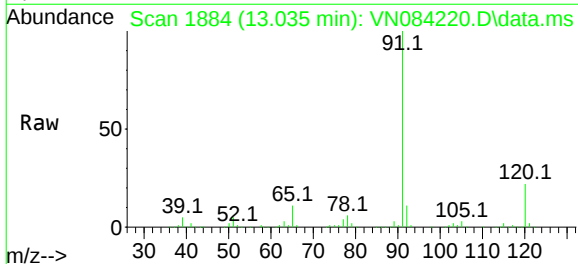
Manual Integrations
APPROVED

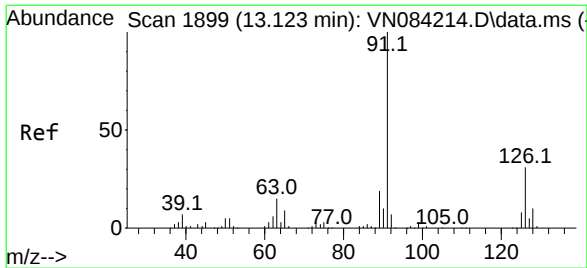
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#78
n-propylbenzene
Concen: 55.188 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Tgt Ion: 91 Resp: 638464
Ion Ratio Lower Upper
91 100
120 21.9 10.8 32.4





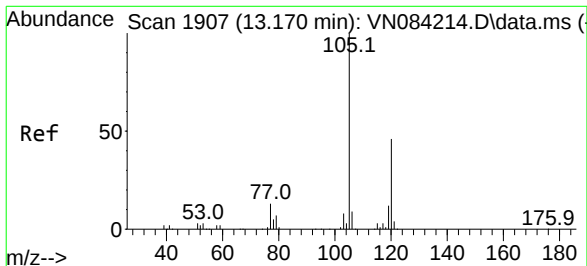
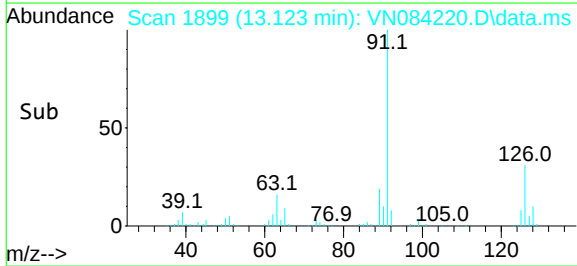
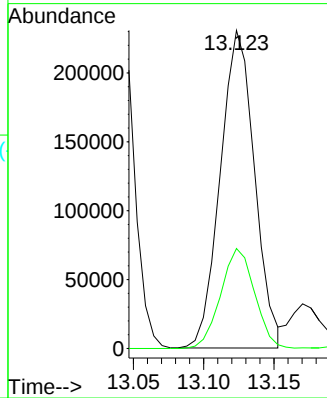
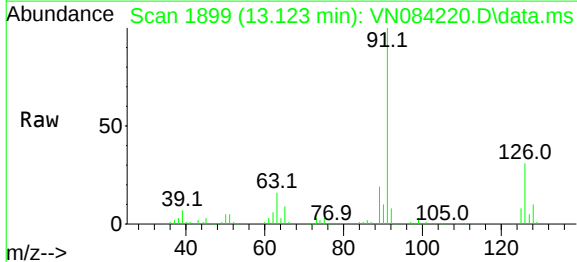
#79
2-Chlorotoluene
Concen: 52.898 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024

Tgt Ion: 91 Resp: 390502
Ion Ratio Lower Upper
91 100
126 31.2 15.7 47.1

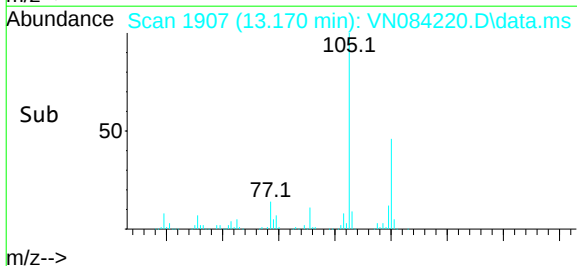
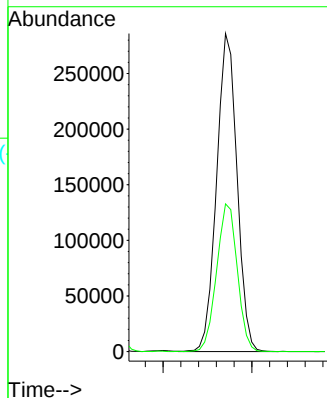
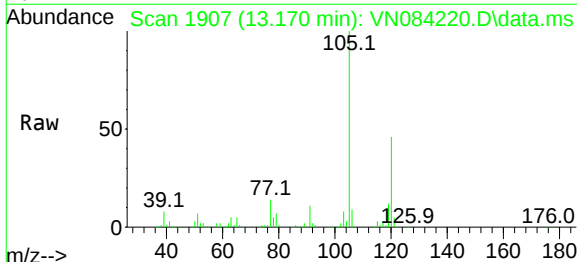
Manual Integrations
APPROVED

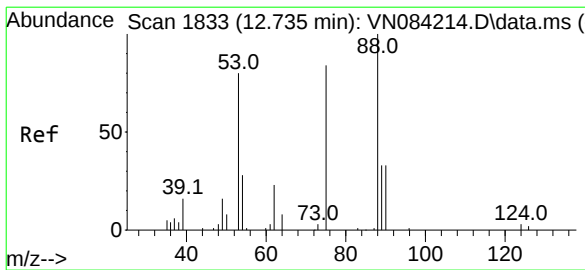
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 56.101 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

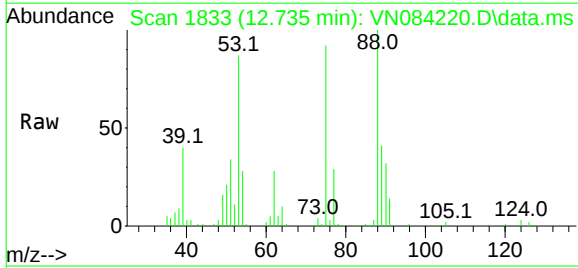
Tgt Ion:105 Resp: 456943
Ion Ratio Lower Upper
105 100
120 47.0 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 52.939 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

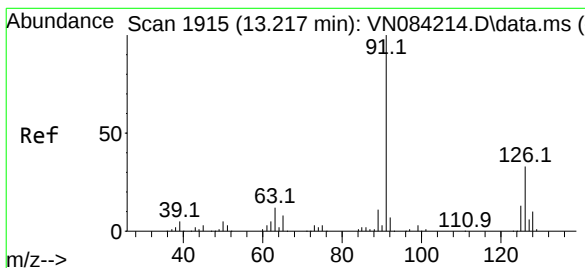
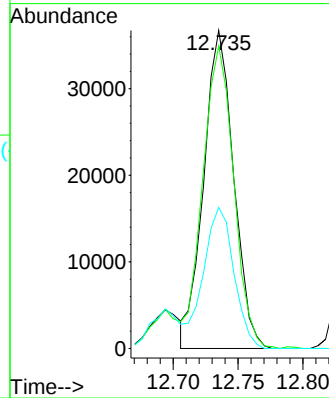
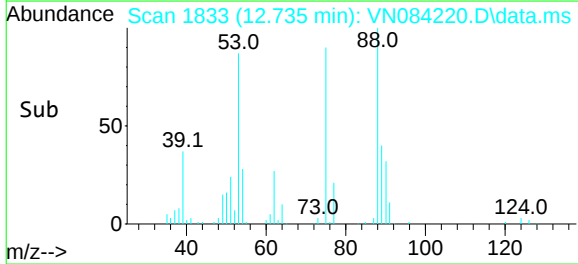
Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024



Tgt Ion: 75 Resp: 58987
Ion Ratio Lower Upper
75 100
53 98.1 78.0 117.0
89 45.7 35.5 53.3

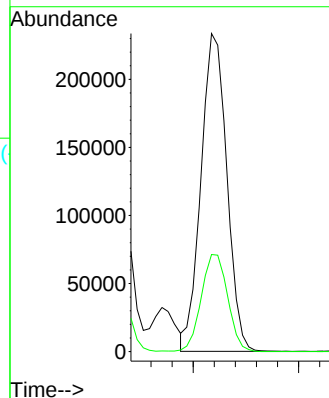
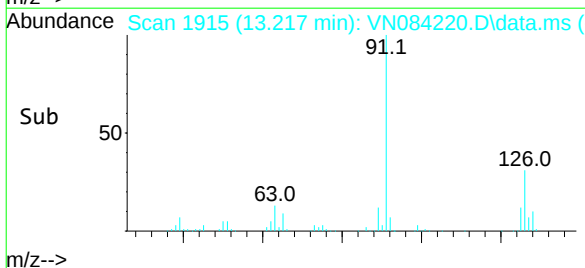
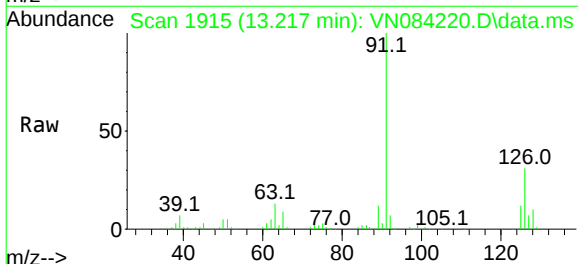
Manual Integrations
APPROVED

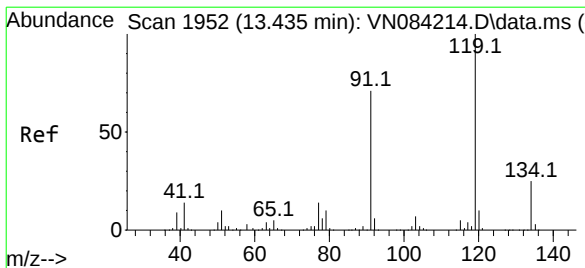
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#82
4-Chlorotoluene
Concen: 53.455 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

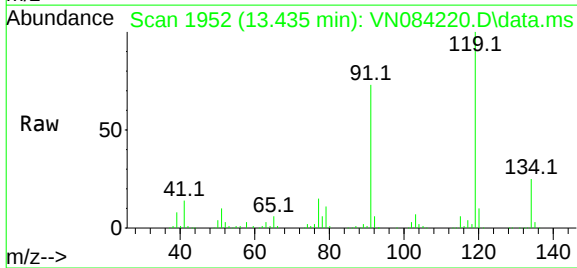
Tgt Ion: 91 Resp: 397246
Ion Ratio Lower Upper
91 100
126 31.3 15.7 47.1





#83
tert-Butylbenzene
Concen: 53.903 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

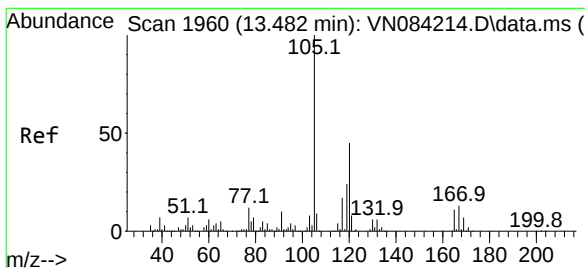
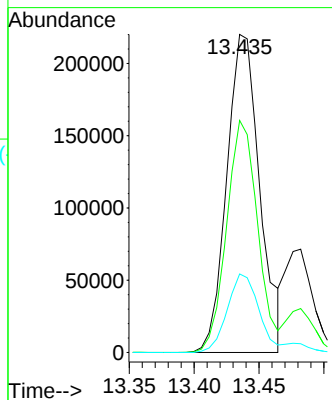
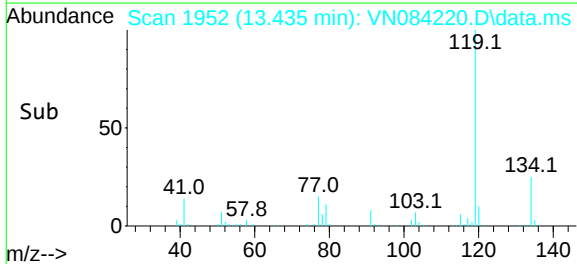
Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024



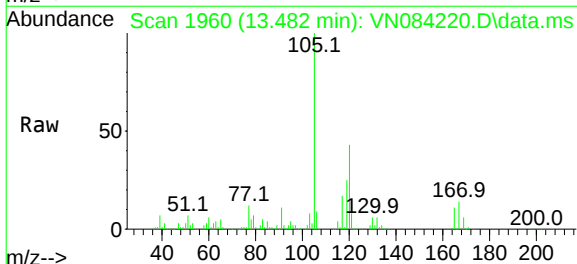
Tgt Ion:119 Resp: 390221
Ion Ratio Lower Upper
119 100
91 68.6 34.1 102.3
134 23.9 12.8 38.4

Manual Integrations
APPROVED

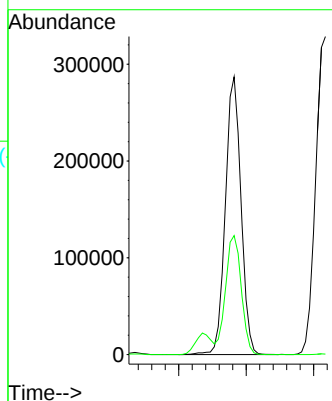
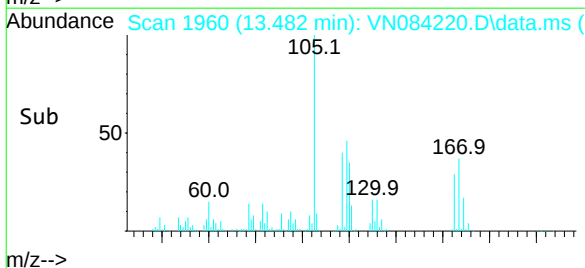
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

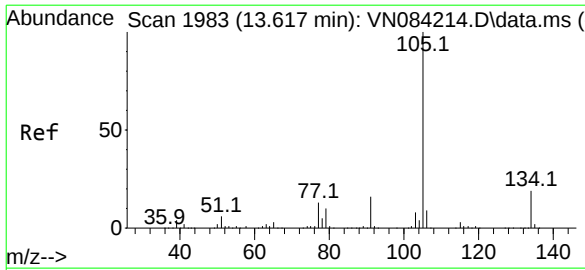


#84
1,2,4-Trimethylbenzene
Concen: 56.199 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36



Tgt Ion:105 Resp: 461123
Ion Ratio Lower Upper
105 100
120 43.4 22.3 66.8





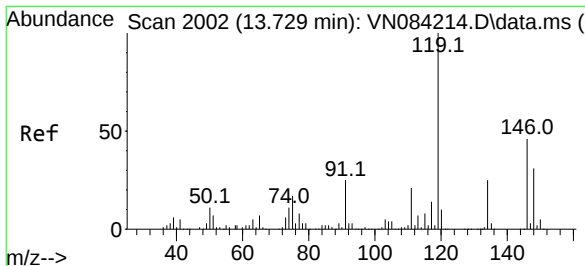
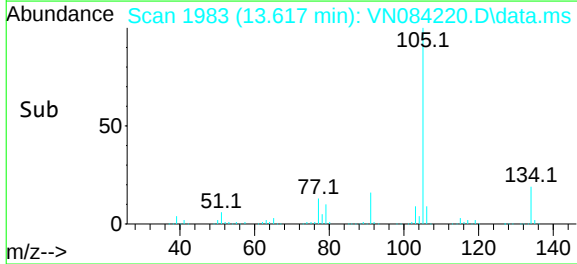
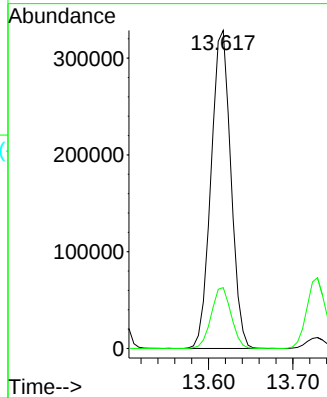
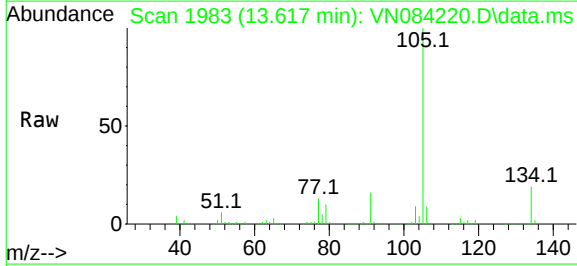
#85
sec-Butylbenzene
Concen: 55.556 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024

Tgt Ion:105 Resp: 536685
Ion Ratio Lower Upper
105 100
134 19.2 9.8 29.4

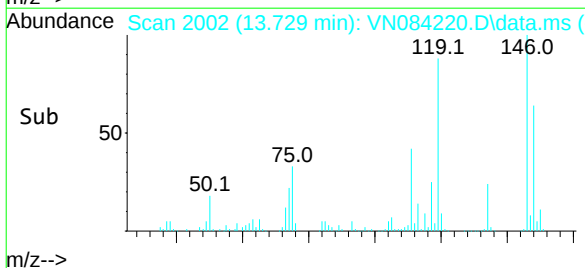
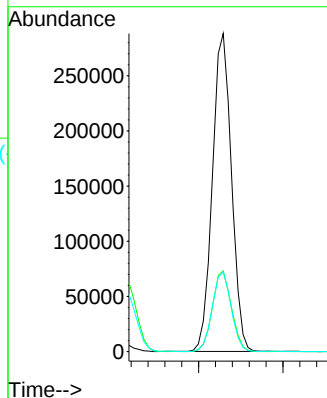
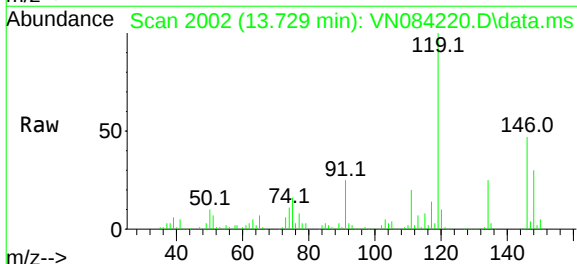
Manual Integrations
APPROVED

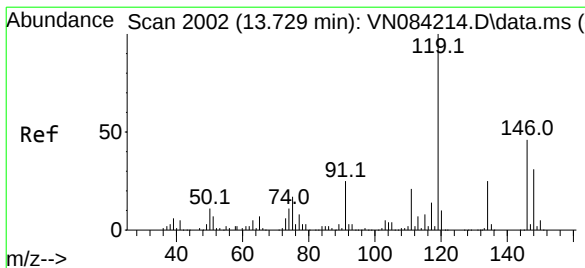
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#86
p-Isopropyltoluene
Concen: 56.614 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Tgt Ion:119 Resp: 452245
Ion Ratio Lower Upper
119 100
134 25.3 12.6 37.8
91 24.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 51.830 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN084220.D

Acq: 30 Sep 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093024

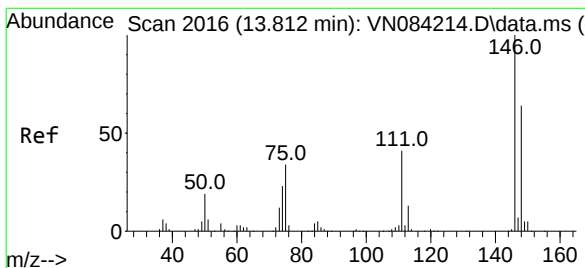
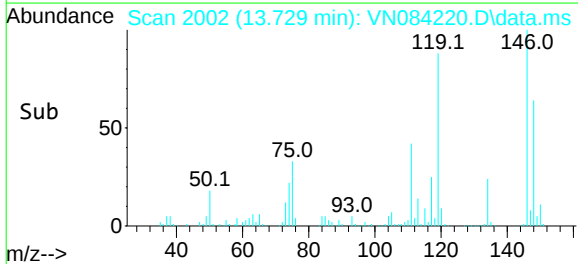
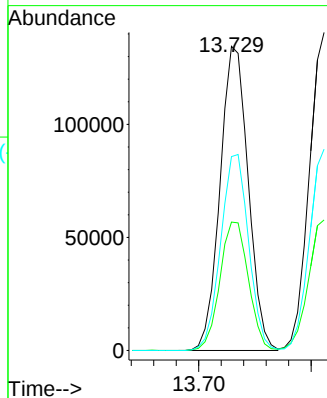
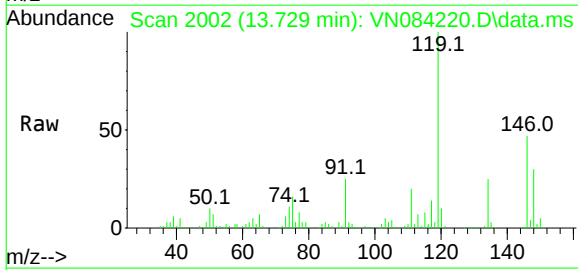
Tgt Ion:	146	Resp:	234190
Ion Ratio	Lower	Upper	
146	100		
111	42.7	21.8	65.3
148	63.9	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#88

1,4-Dichlorobenzene

Concen: 51.298 ug/l

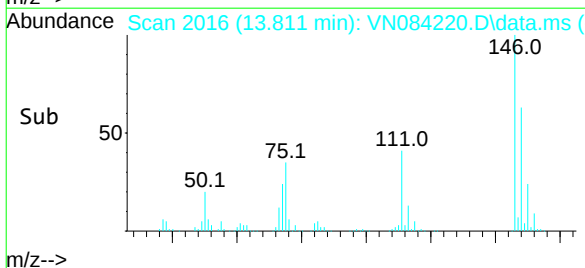
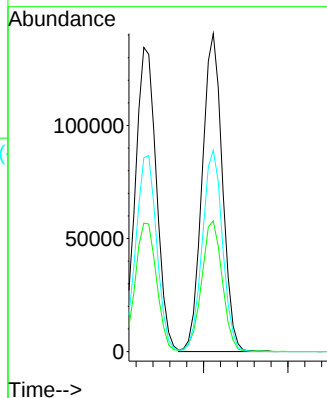
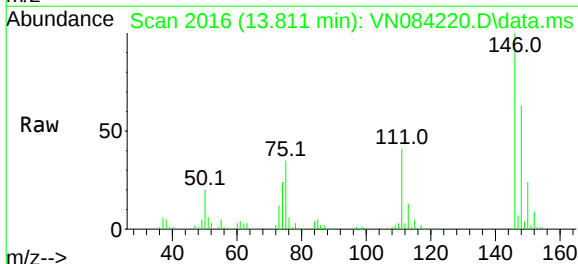
RT: 13.811 min Scan# 2016

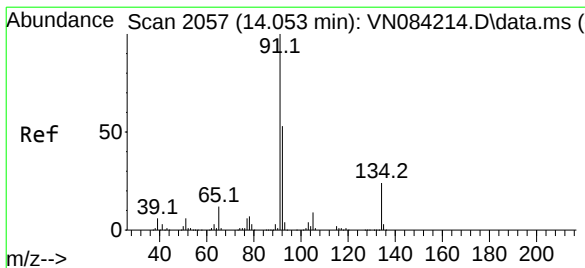
Delta R.T. -0.000 min

Lab File: VN084220.D

Acq: 30 Sep 2024 15:36

Tgt Ion:	146	Resp:	234070
Ion Ratio	Lower	Upper	
146	100		
111	42.2	21.2	63.6
148	63.2	31.9	95.9





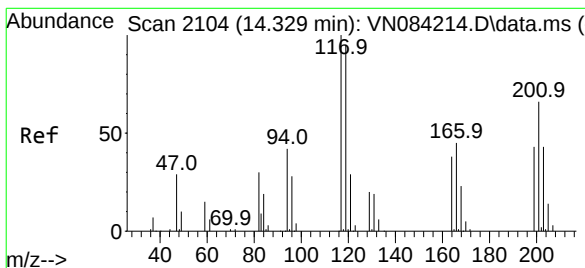
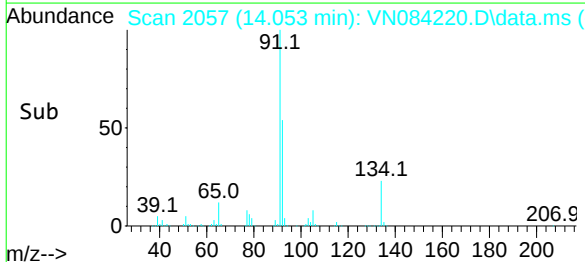
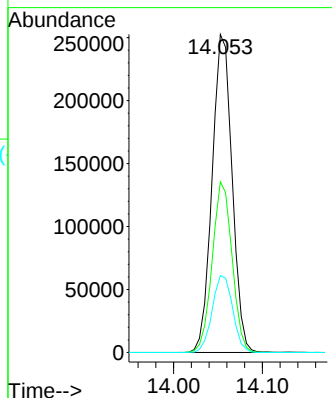
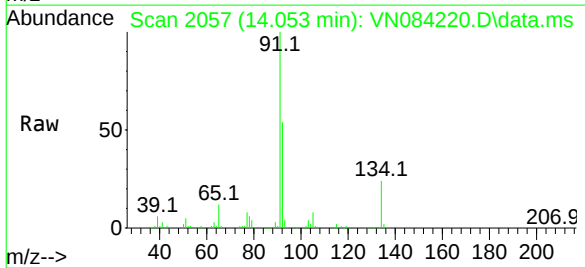
#89
n-Butylbenzene
Concen: 54.671 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024

Tgt Ion:	91	Resp:	396001
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.7
134	24.7	12.3	36.9

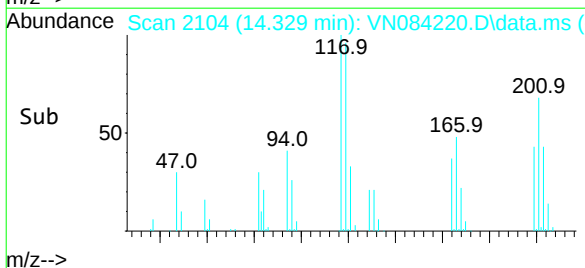
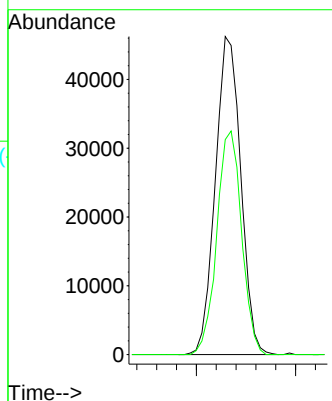
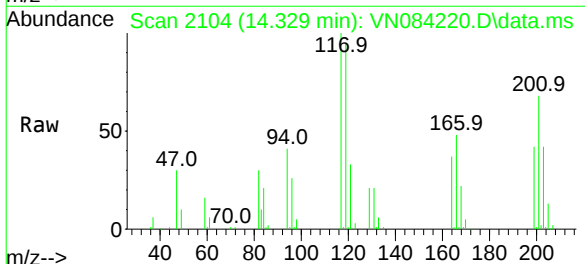
Manual Integrations
APPROVED

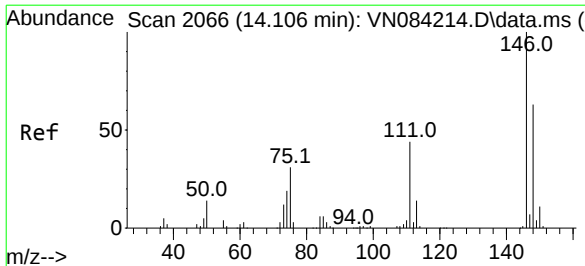
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#90
Hexachloroethane
Concen: 50.795 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

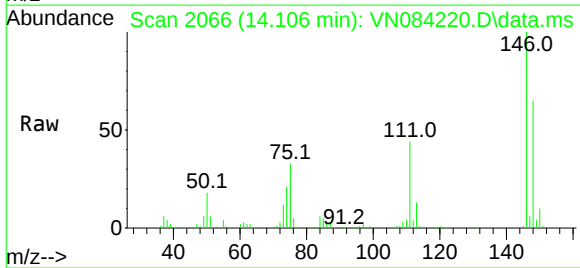
Tgt Ion:	117	Resp:	82363
Ion	Ratio	Lower	Upper
117	100		
201	68.4	34.4	103.2





#91
1,2-Dichlorobenzene
Concen: 51.082 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

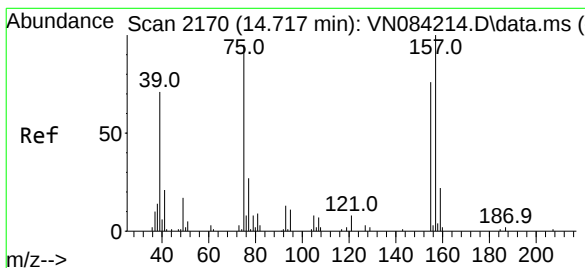
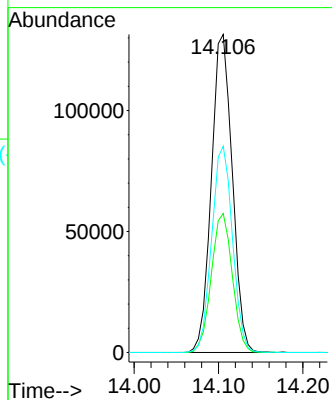
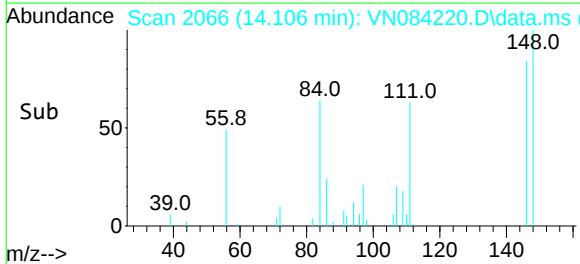
Instrument :
MSVOA_N
ClientSampleId :
ICVVN093024



Tgt Ion:146 Resp: 226320
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 64.7 32.1 96.3

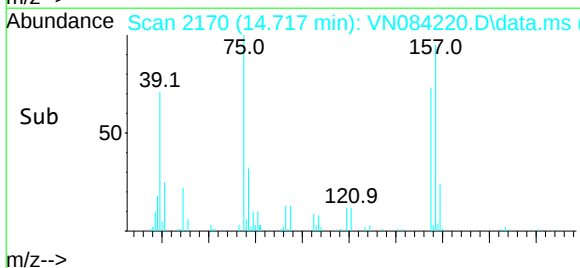
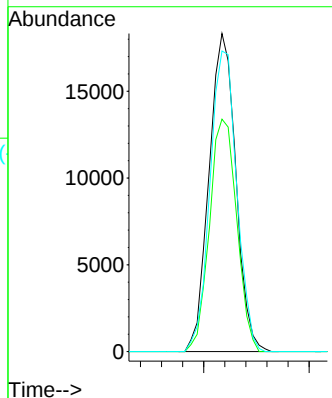
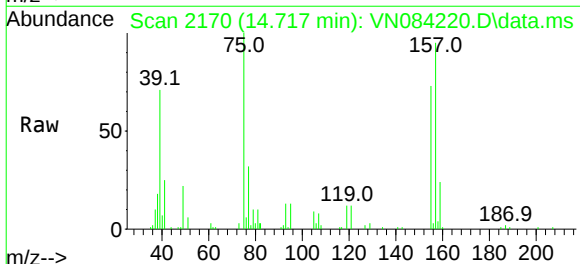
Manual Integrations
APPROVED

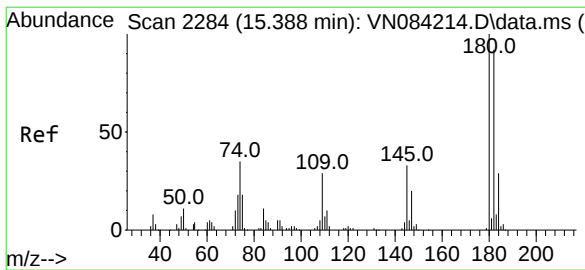
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.125 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084220.D
Acq: 30 Sep 2024 15:36

Tgt Ion: 75 Resp: 32296
Ion Ratio Lower Upper
75 100
155 74.4 38.1 114.5
157 94.7 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 52.311 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN084220.D

Acq: 30 Sep 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093024

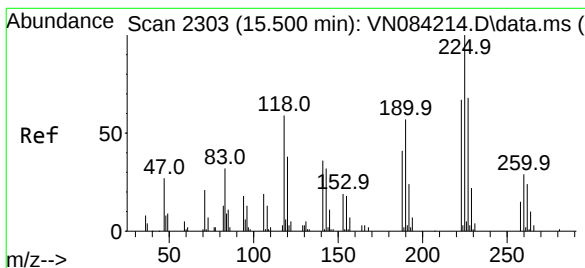
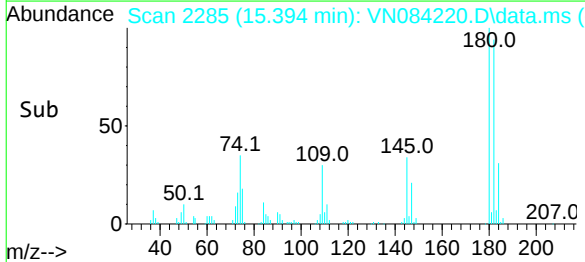
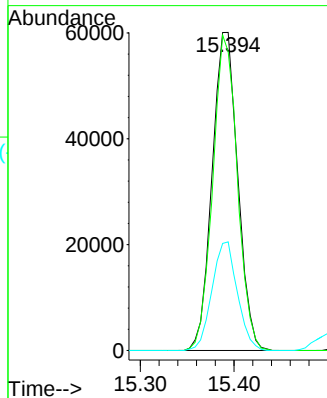
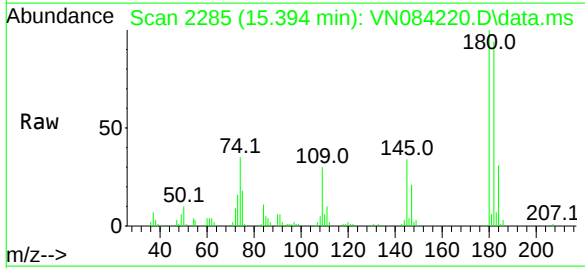
Tgt Ion:	180	Resp:	114157
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.0	141.0
145	33.8	16.4	49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#94

Hexachlorobutadiene

Concen: 46.368 ug/l

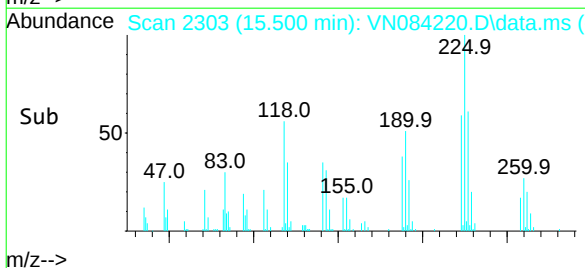
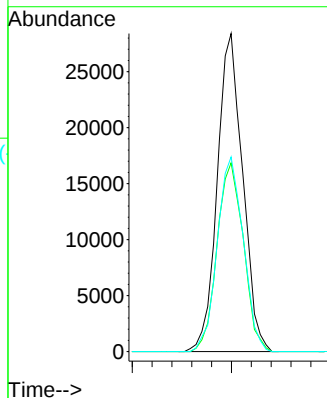
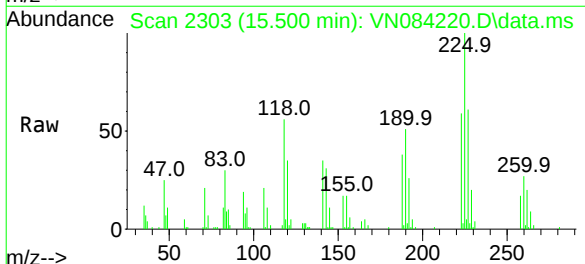
RT: 15.500 min Scan# 2303

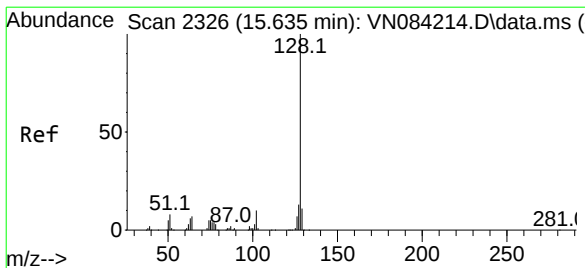
Delta R.T. -0.000 min

Lab File: VN084220.D

Acq: 30 Sep 2024 15:36

Tgt Ion:	225	Resp:	50461
Ion Ratio	Lower	Upper	
225	100		
223	61.5	32.4	97.2
227	62.7	32.4	97.0





#95

Naphthalene

Concen: 52.602 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084220.D

Acq: 30 Sep 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093024

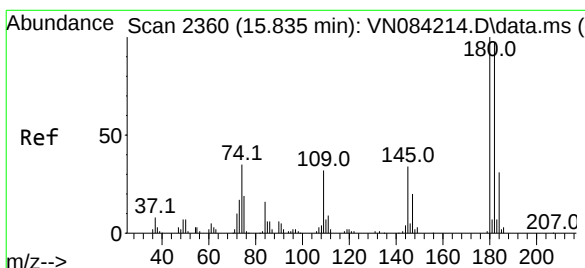
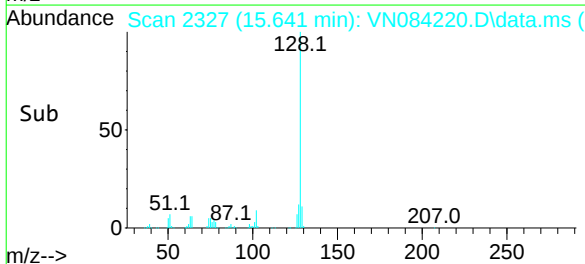
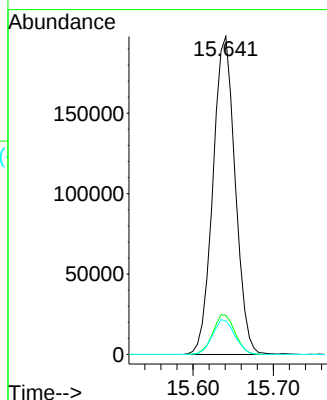
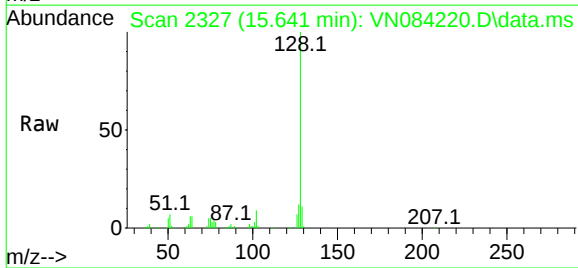
Tgt Ion:	128	Resp:	380549
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#96

1,2,3-Trichlorobenzene

Concen: 50.853 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084220.D

Acq: 30 Sep 2024 15:36

Tgt Ion:	180	Resp:	111086
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.2	144.6
145	34.9	17.3	51.9

