

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084214.D
 Acq On : 30 Sep 2024 12:49
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 01 06:48:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 06:46:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	175379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127701	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129300	49.725	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.440%
35) Dibromofluoromethane	8.165	113	98531	49.143	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.280%
50) Toluene-d8	10.565	98	377886	51.228	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.460%
62) 4-Bromofluorobenzene	12.847	95	137388	51.124	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	107530	51.835	ug/l	100
3) Chloromethane	2.359	50	117689	49.686	ug/l	100
4) Vinyl Chloride	2.518	62	117031	51.007	ug/l	100
5) Bromomethane	2.953	94	75848	50.118	ug/l	100
6) Chloroethane	3.118	64	73440	44.693	ug/l	100
7) Trichlorofluoromethane	3.495	101	185982	52.055	ug/l	100
8) Diethyl Ether	3.959	74	68385	51.608	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	103552	50.583	ug/l	100
10) Methyl Iodide	4.595	142	141310	53.600	ug/l	100
11) Tert butyl alcohol	5.524	59	107986	251.850	ug/l	100
12) 1,1-Dichloroethene	4.342	96	102934	52.128	ug/l	100
13) Acrolein	4.177	56	124940	253.821	ug/l	100
14) Allyl chloride	5.024	41	174518	50.889	ug/l	100
15) Acrylonitrile	5.718	53	277346	256.145	ug/l	100
16) Acetone	4.424	43	299515	268.132	ug/l	100
17) Carbon Disulfide	4.712	76	302183	48.335	ug/l	100
18) Methyl Acetate	5.018	43	124007	50.934	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	356478	53.487	ug/l	100
20) Methylene Chloride	5.277	84	114918	50.609	ug/l	100
21) trans-1,2-Dichloroethene	5.789	96	109048	52.711	ug/l	100
22) Diisopropyl ether	6.671	45	379516	53.501	ug/l	100
23) Vinyl Acetate	6.600	43	1444909	273.176	ug/l	100
24) 1,1-Dichloroethane	6.571	63	209222	52.742	ug/l	100
25) 2-Butanone	7.483	43	396369	260.524	ug/l	100
26) 2,2-Dichloropropane	7.488	77	189745	53.050	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	129873	51.951	ug/l	100
28) Bromochloromethane	7.812	49	86584	48.919	ug/l	100
29) Tetrahydrofuran	7.835	42	248328	264.488	ug/l	100
30) Chloroform	7.965	83	211178	51.249	ug/l	100
31) Cyclohexane	8.253	56	187282	48.624	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	193315	52.237	ug/l	100
36) 1,1-Dichloropropene	8.371	75	154855	53.172	ug/l	100
37) Ethyl Acetate	7.559	43	153024	51.216	ug/l	100
38) Carbon Tetrachloride	8.359	117	167086	52.301	ug/l	100
39) Methylcyclohexane	9.600	83	177433	54.741	ug/l	100
40) Benzene	8.606	78	472170	52.037	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	87365	53.861	ug/l	100
42) 1,2-Dichloroethane	8.671	62	160606	52.210	ug/l	100
43) Isopropyl Acetate	8.688	43	272992	46.667	ug/l	100
44) Trichloroethene	9.347	130	110119	51.961	ug/l	100
45) 1,2-Dichloropropane	9.618	63	114143	53.176	ug/l	100
46) Dibromomethane	9.706	93	79007	54.542	ug/l	100
47) Bromodichloromethane	9.888	83	169263	52.595	ug/l	100
48) Methyl methacrylate	9.677	41	127042	54.534	ug/l	100
49) 1,4-Dioxane	9.694	88	44512	1037.858	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	772927	271.750	ug/l	100
52) Toluene	10.629	92	295099	53.332	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	179453	54.703	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	193952	54.966	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	106288	53.583	ug/l	100
56) Ethyl methacrylate	10.871	69	183059	56.085	ug/l	100
57) 1,3-Dichloropropane	11.159	76	187372	52.864	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	426364	281.593	ug/l	100
59) 2-Hexanone	11.194	43	588361	276.767	ug/l	100
60) Dibromochloromethane	11.359	129	126992	54.184	ug/l	100
61) 1,2-Dibromoethane	11.465	107	108817	52.794	ug/l	100
64) Tetrachloroethene	11.100	164	94966	51.486	ug/l	100
65) Chlorobenzene	11.888	112	309849	52.770	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	106981	52.897	ug/l	100
67) Ethyl Benzene	11.959	91	561770	54.100	ug/l	100
68) m/p-Xylenes	12.071	106	427131	111.201	ug/l	100
69) o-Xylene	12.394	106	204854	56.370	ug/l	100
70) Styrene	12.412	104	347383	56.434	ug/l	100
71) Bromoform	12.576	173	83487	56.070	ug/l #	100
73) Isopropylbenzene	12.694	105	527625	54.145	ug/l	100
74) N-amyl acetate	12.494	43	237131	53.738	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	151079	51.560	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	143676m	56.449	ug/l	
77) Bromobenzene	12.982	156	120918	51.442	ug/l	100
78) n-propylbenzene	13.035	91	626503	55.490	ug/l	100
79) 2-Chlorotoluene	13.123	91	384795	53.411	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	445807	56.084	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	57572	52.943	ug/l	100
82) 4-Chlorotoluene	13.217	91	386854	53.341	ug/l	100
83) tert-Butylbenzene	13.435	119	386532	54.711	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	449720	56.161	ug/l	100
85) sec-Butylbenzene	13.617	105	529076	56.119	ug/l	100
86) p-Isopropyltoluene	13.729	119	448148	57.485	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	228219	51.755	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	227835	51.163	ug/l	100
89) n-Butylbenzene	14.053	91	394831	55.854	ug/l	100
90) Hexachloroethane	14.329	117	81626	51.582	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	218378	50.506	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30379	50.241	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	119164	55.953	ug/l	100
94) Hexachlorobutadiene	15.500	225	50680	47.718	ug/l	100
95) Naphthalene	15.635	128	393177	55.688	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	114483	53.701	ug/l	100

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

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

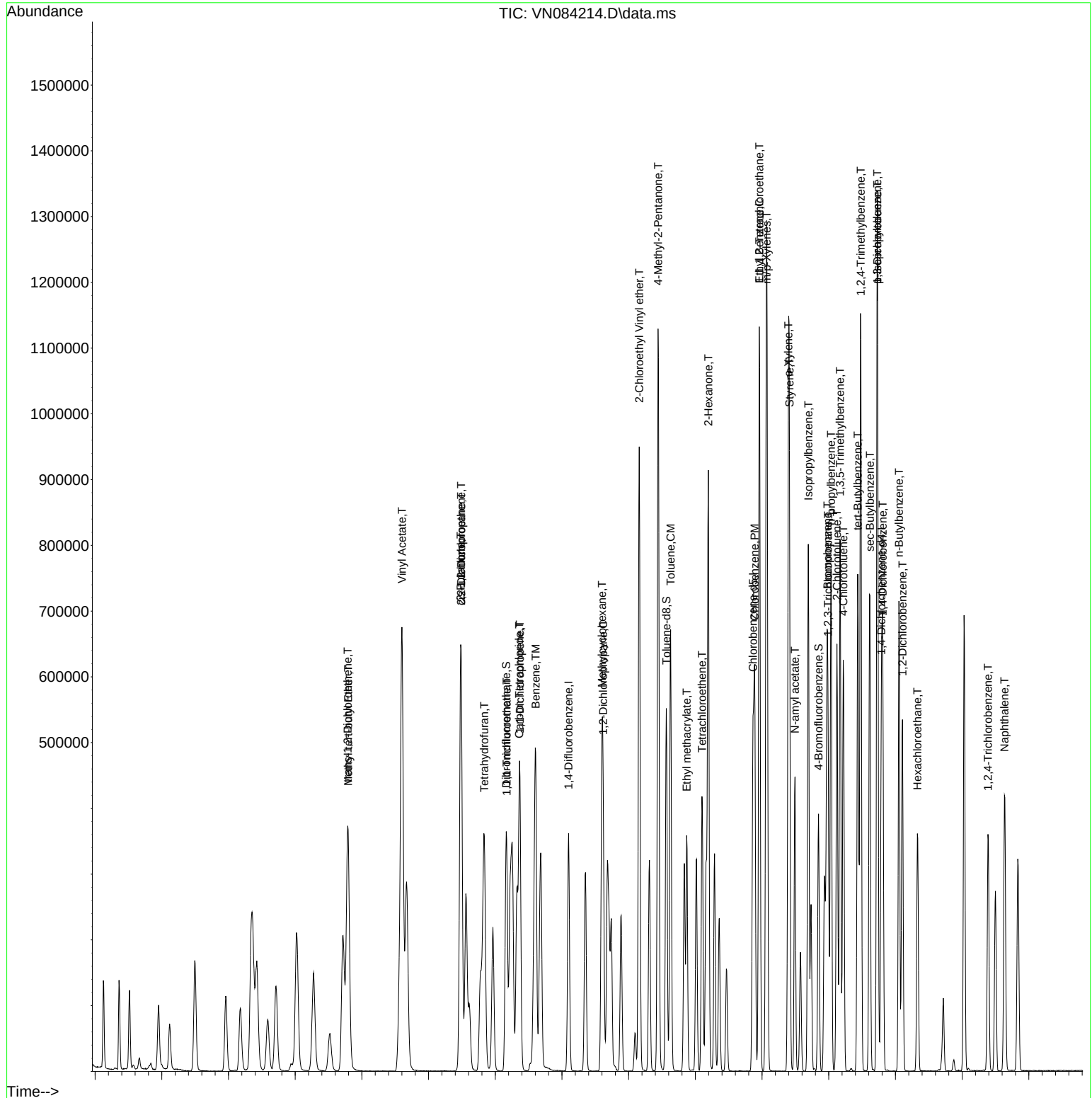
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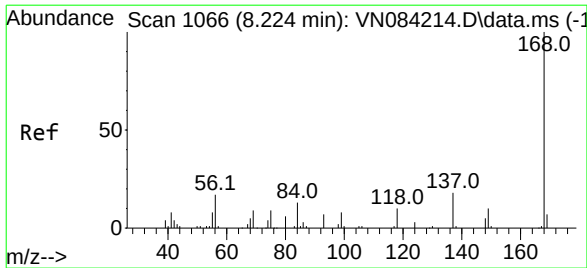
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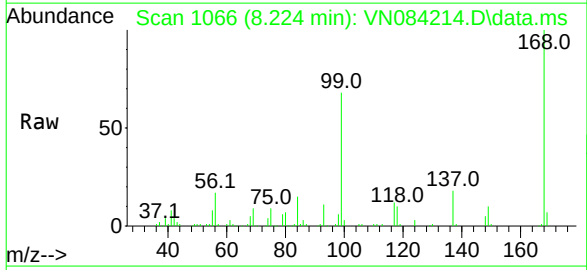
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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Acq: 30 Sep 2024 12:49

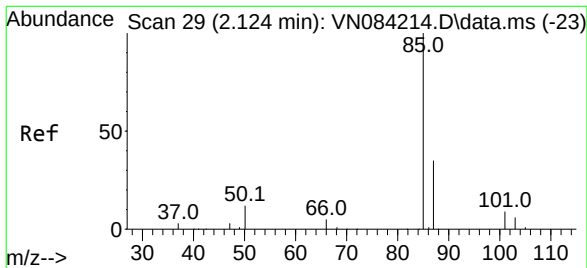
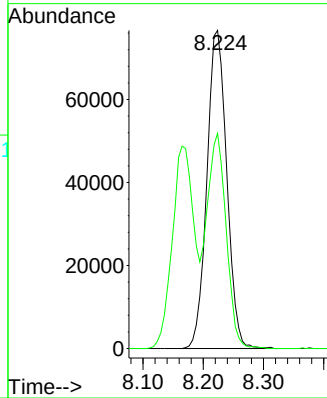
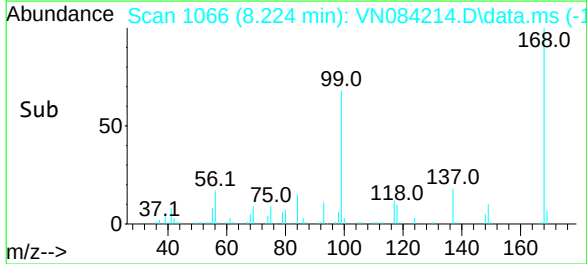
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 168 Resp: 175379
Ion Ratio Lower Upper
168 100
99 67.7 54.2 81.2

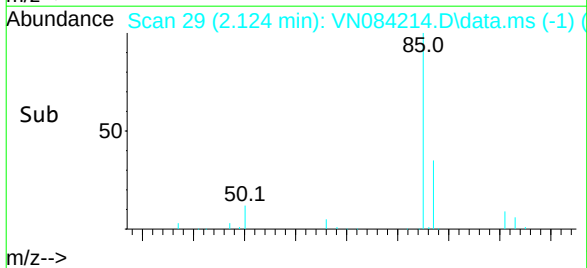
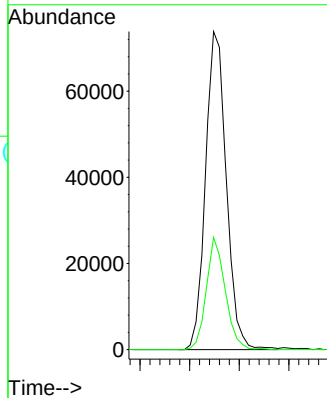
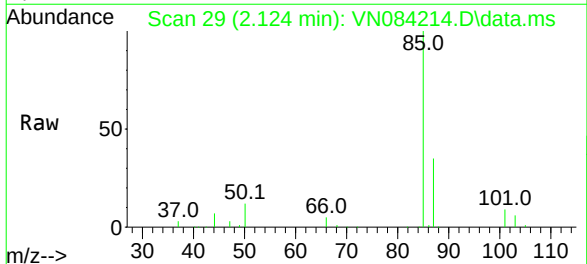
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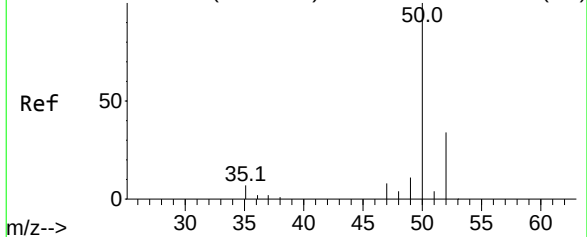


#2
Dichlorodifluoromethane
Concen: 51.835 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion: 85 Resp: 107530
Ion Ratio Lower Upper
85 100
87 35.3 17.6 52.9

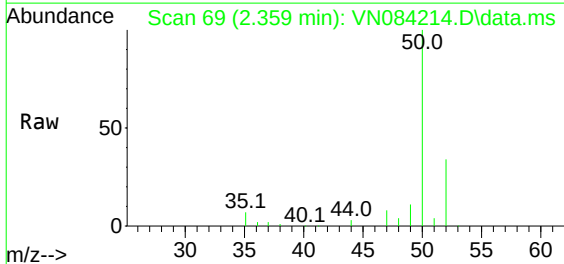


Abundance Scan 69 (2.359 min): VN084214.D\data.ms (-63)



#3
Chloromethane
Concen: 49.686 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

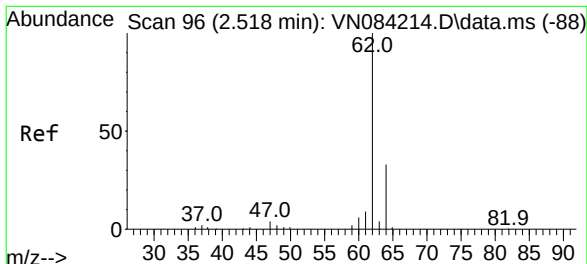
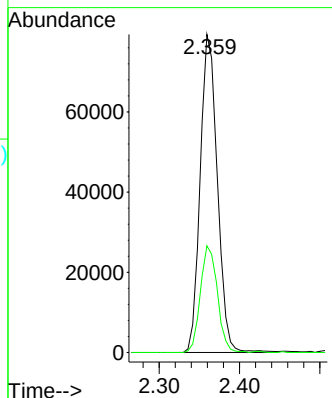
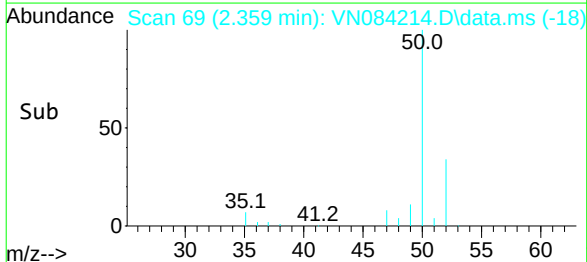
Instrument :
MSVOA_N
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VSTDICCC050



Tgt Ion: 50 Resp: 117689
Ion Ratio Lower Upper
50 100
52 33.5 26.8 40.2

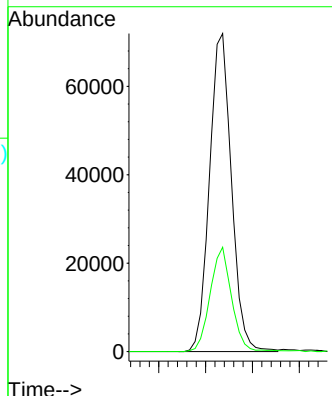
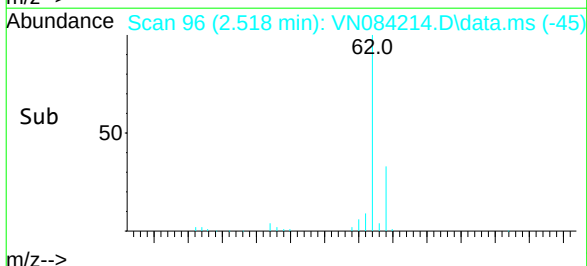
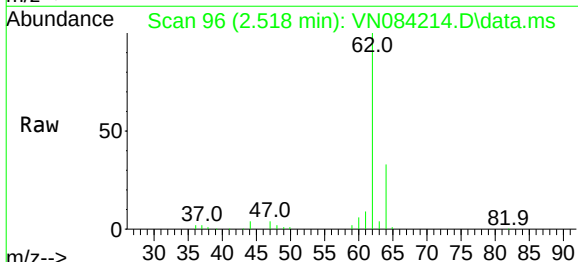
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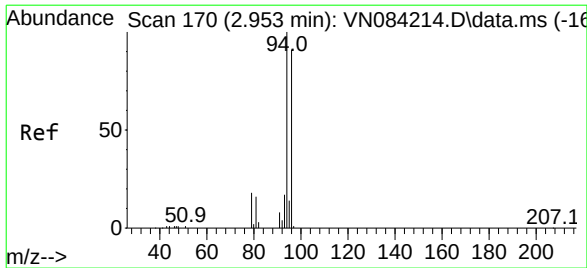
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#4
Vinyl Chloride
Concen: 51.007 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion: 62 Resp: 117031
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.4





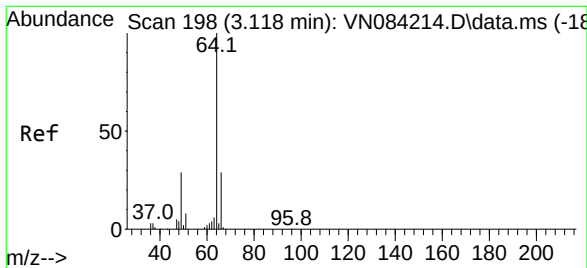
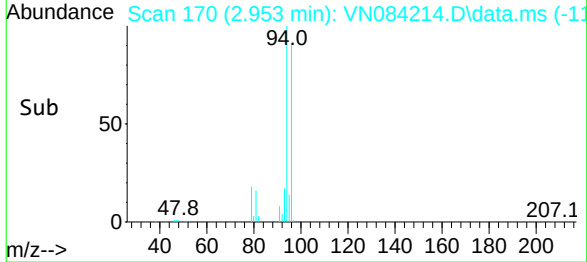
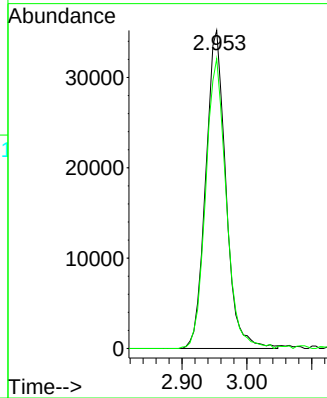
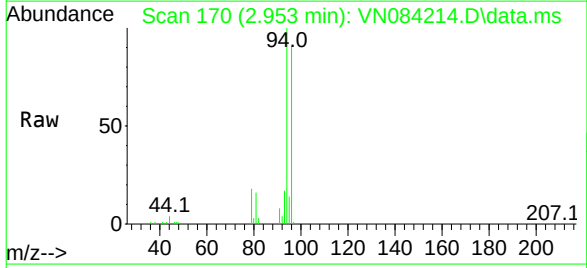
#5
Bromomethane
Concen: 50.118 ug/l
RT: 2.953 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :
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Tgt Ion: 94 Resp: 75848
Ion Ratio Lower Upper
94 100
96 91.1 72.9 109.3

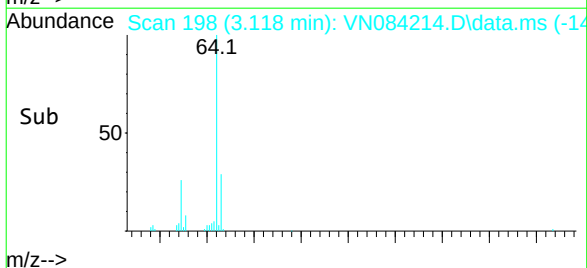
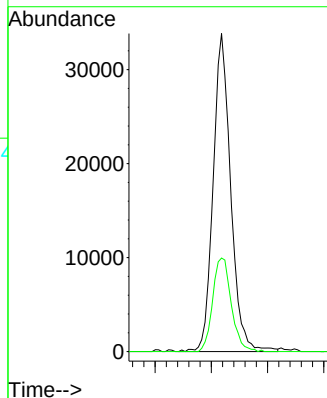
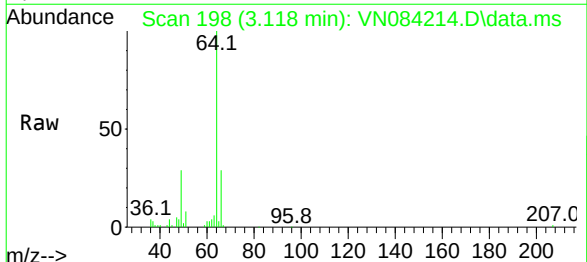
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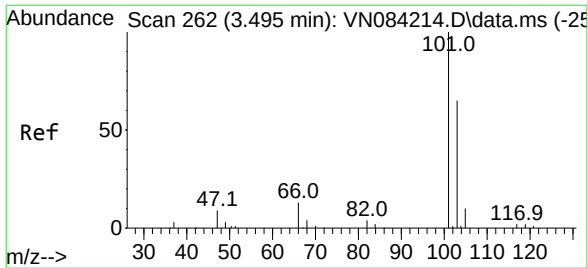
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#6
Chloroethane
Concen: 44.693 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

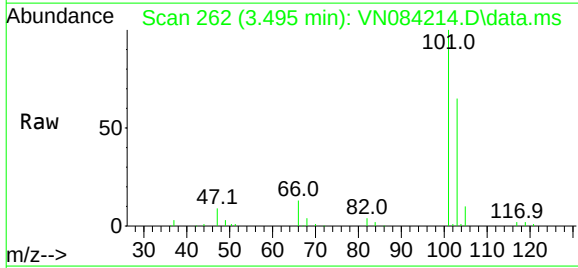
Tgt Ion: 64 Resp: 73440
Ion Ratio Lower Upper
64 100
66 29.4 23.5 35.3





#7
 Trichlorofluoromethane
 Concen: 52.055 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN084214.D
 Acq: 30 Sep 2024 12:49

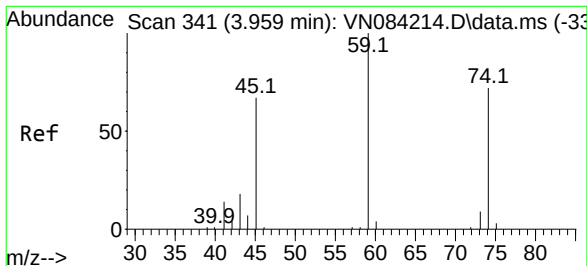
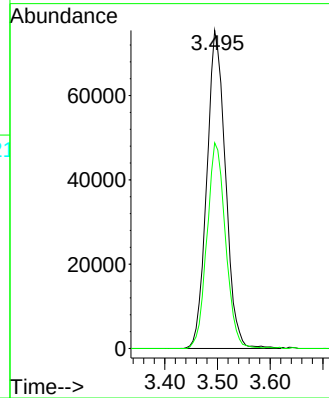
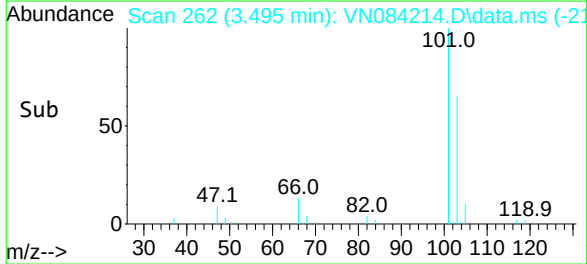
Instrument :
 MSVOA_N
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Tgt Ion:101 Resp: 185982
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.6

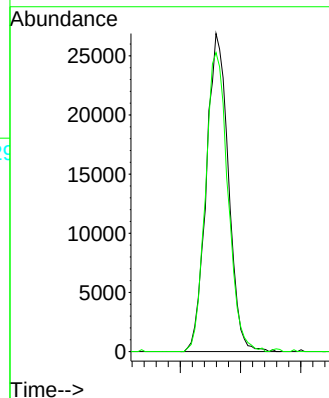
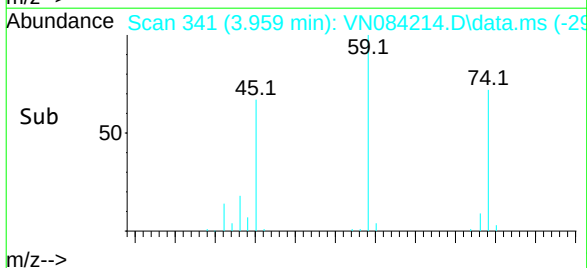
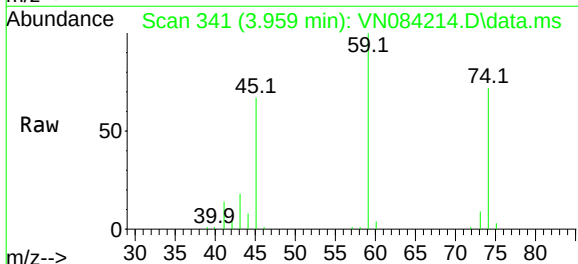
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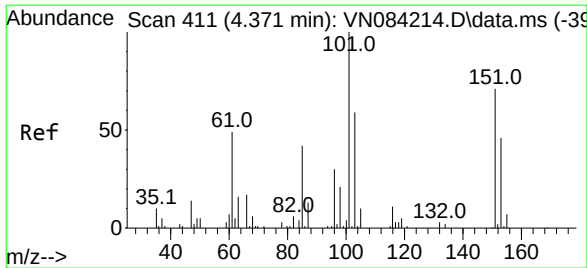
Reviewed By :John Carlone 10/01/2024
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#8
 Diethyl Ether
 Concen: 51.608 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN084214.D
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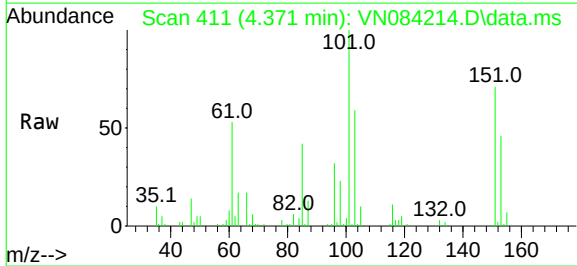
Tgt Ion: 74 Resp: 68385
 Ion Ratio Lower Upper
 74 100
 45 95.4 47.7 143.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.583 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

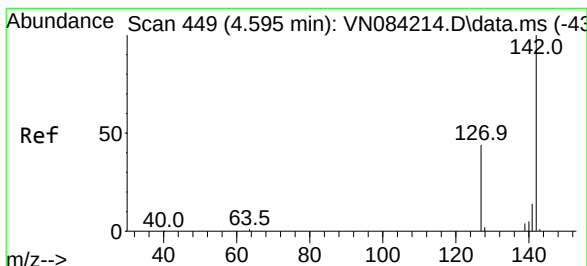
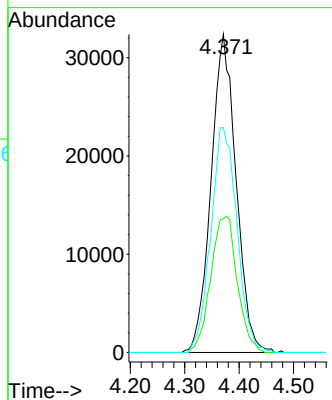
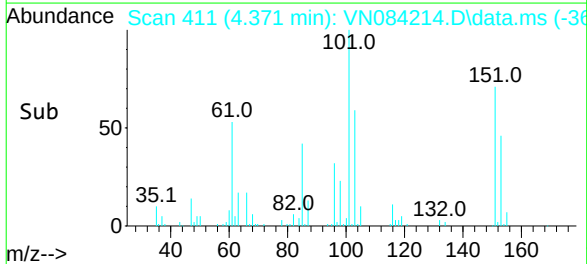
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 103552
Ion Ratio Lower Upper
101 100
85 45.3 36.2 54.4
151 74.1 59.3 88.9

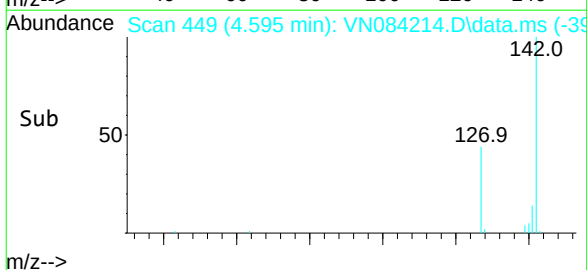
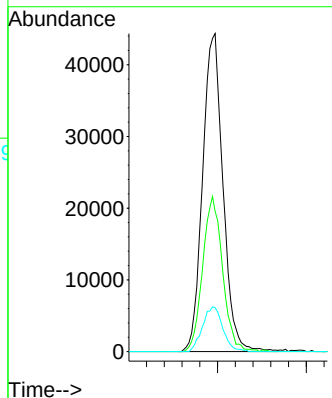
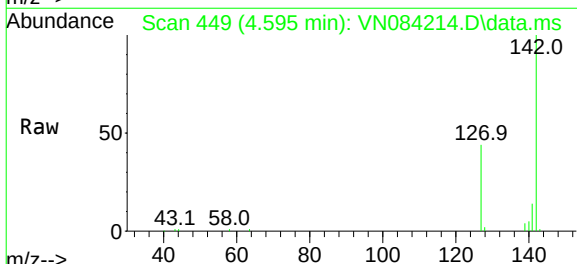
Manual Integrations
APPROVED

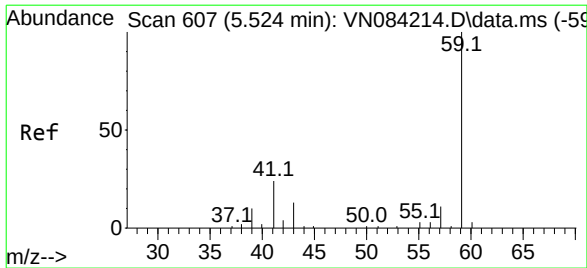
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#10
Methyl Iodide
Concen: 53.600 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion:142 Resp: 141310
Ion Ratio Lower Upper
142 100
127 44.1 35.3 52.9
141 13.8 11.0 16.6





#11

Tert butyl alcohol

Concen: 251.850 ug/l

RT: 5.524 min Scan# 607

Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 107986

Ion Ratio Lower Upper

59 100

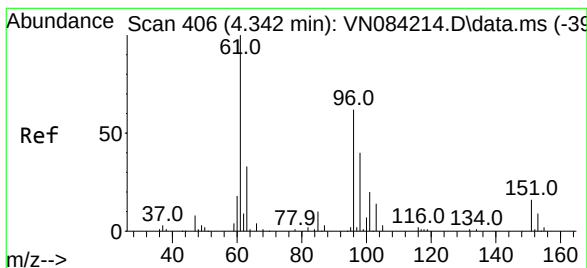
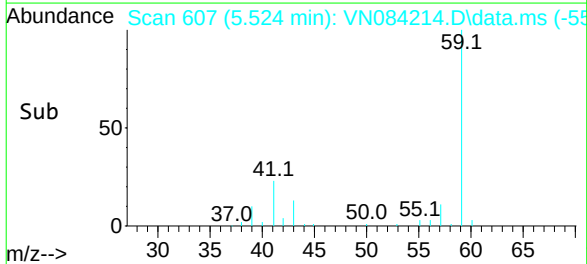
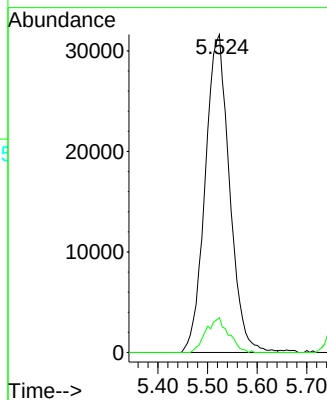
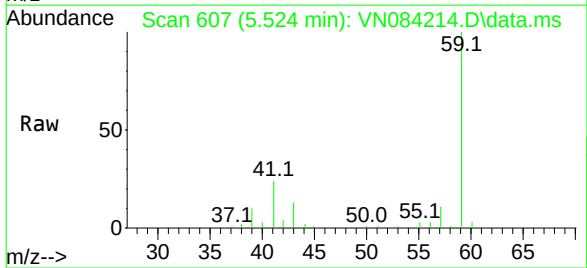
57 10.2 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#12

1,1-Dichloroethene

Concen: 52.128 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

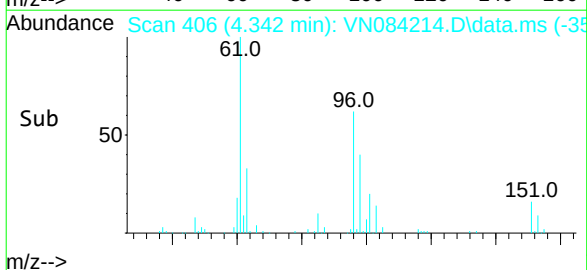
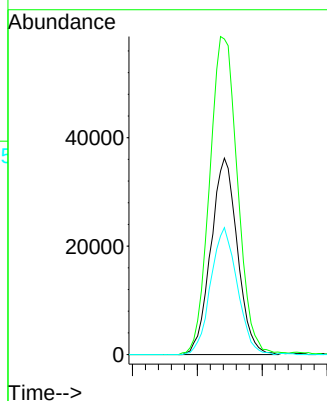
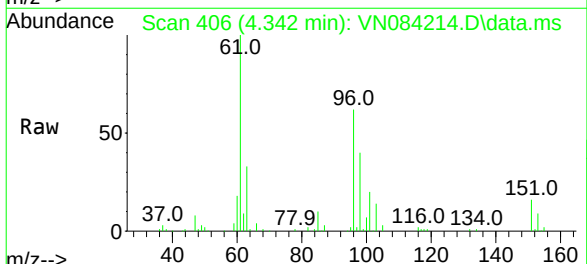
Tgt Ion: 96 Resp: 102934

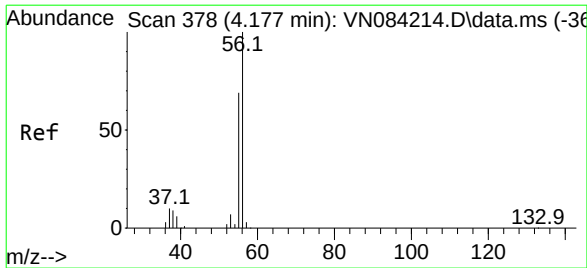
Ion Ratio Lower Upper

96 100

61 160.7 128.6 192.8

98 64.6 51.7 77.5





#13

Acrolein

Concen: 253.821 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 124940

Ion Ratio Lower Upper

56 100

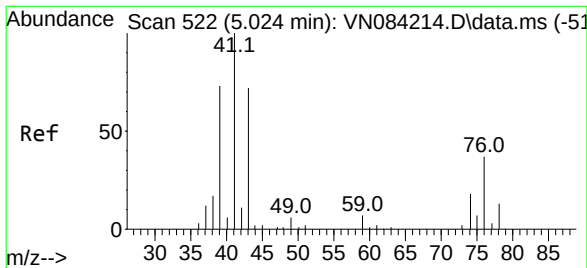
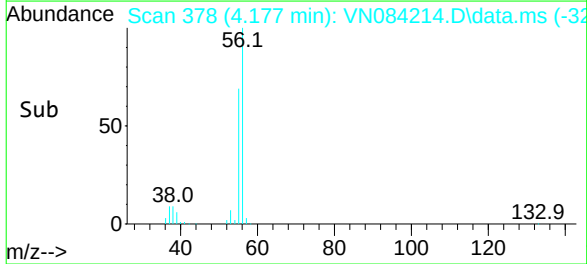
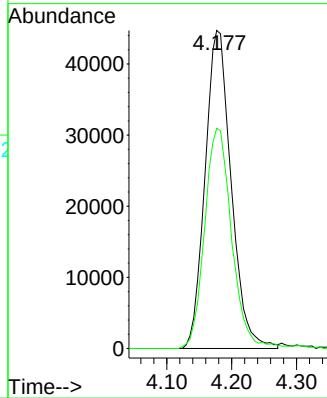
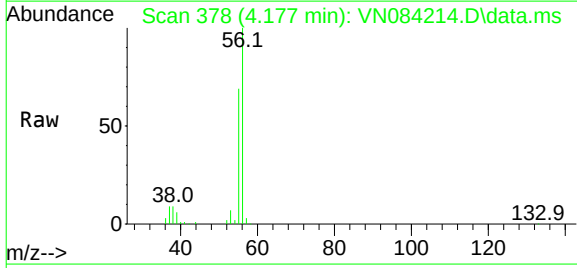
55 71.5 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#14

Allyl chloride

Concen: 50.889 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

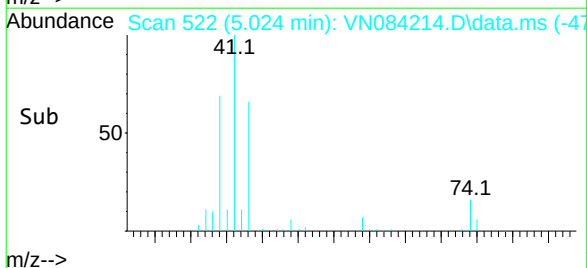
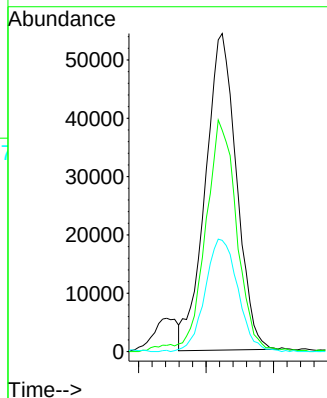
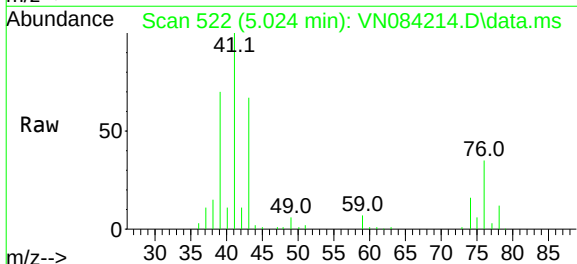
Tgt Ion: 41 Resp: 174518

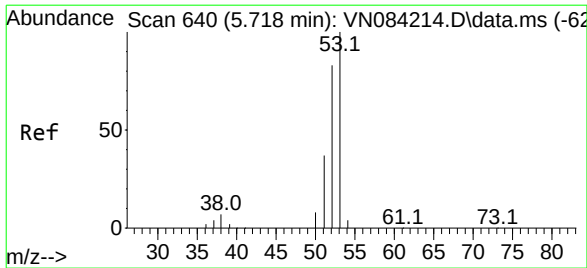
Ion Ratio Lower Upper

41 100

39 73.8 59.0 88.6

76 37.2 29.8 44.6





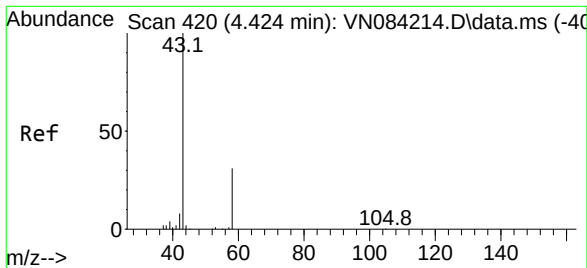
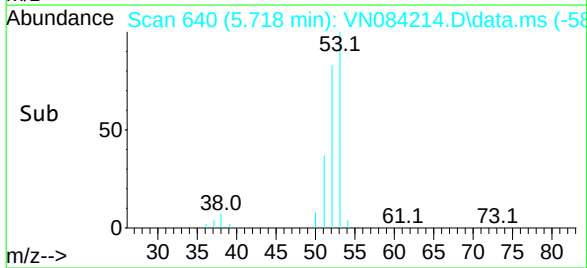
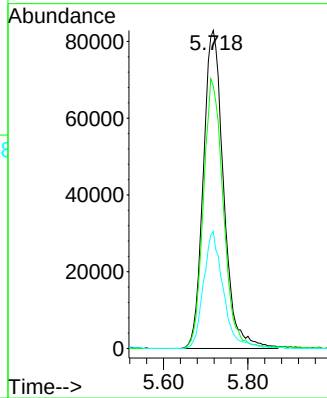
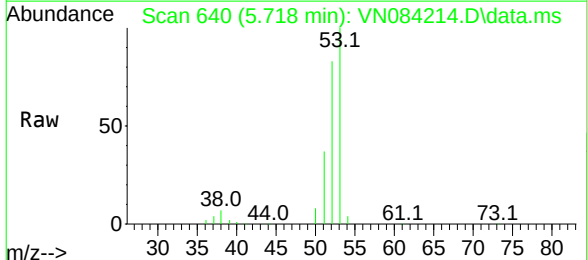
#15
Acrylonitrile
Concen: 256.145 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 277346
Ion Ratio Lower Upper
53 100
52 82.8 66.2 99.4
51 36.0 28.8 43.2

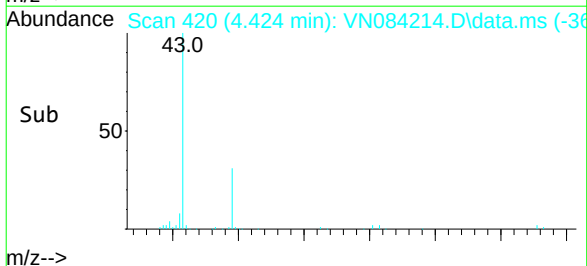
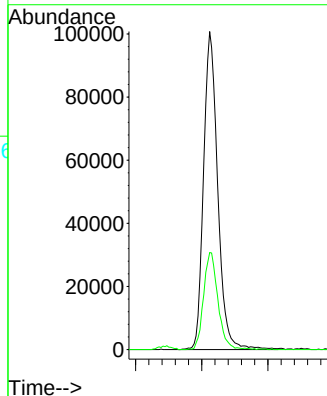
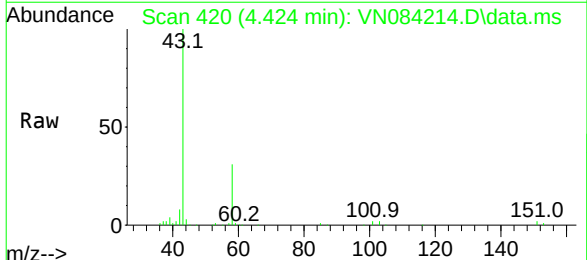
Manual Integrations
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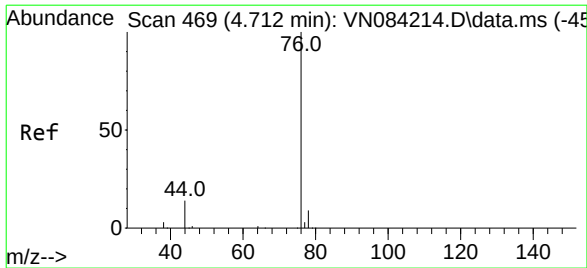
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#16
Acetone
Concen: 268.132 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion: 43 Resp: 299515
Ion Ratio Lower Upper
43 100
58 30.5 24.4 36.6





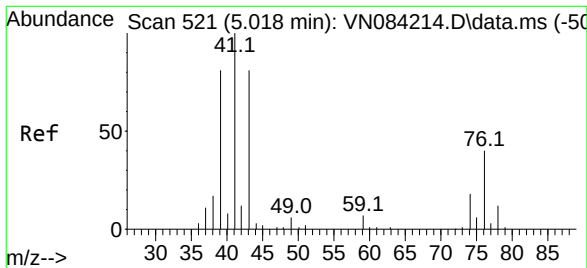
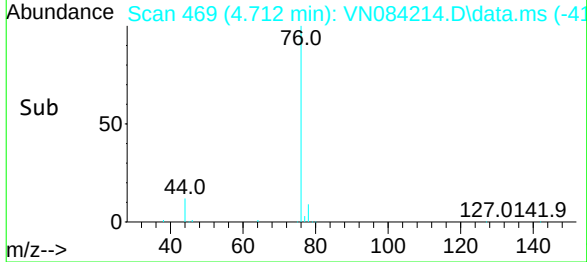
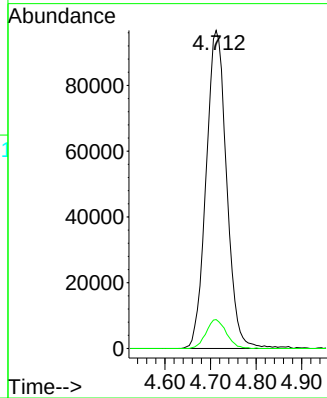
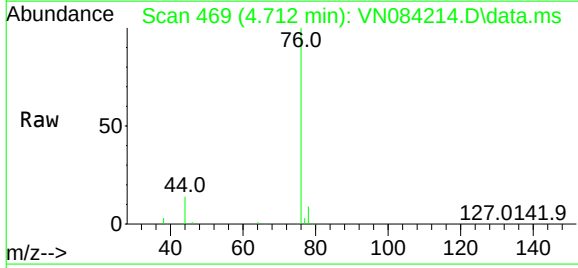
#17
Carbon Disulfide
Concen: 48.335 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 302183
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

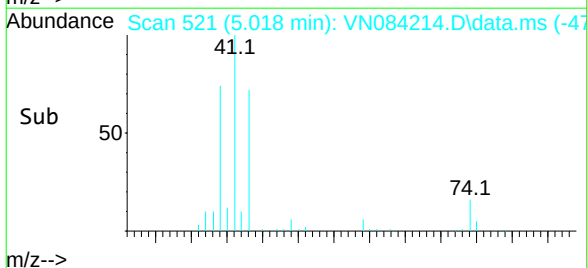
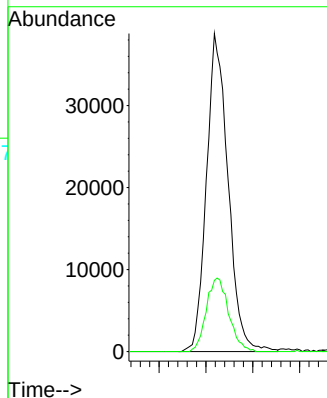
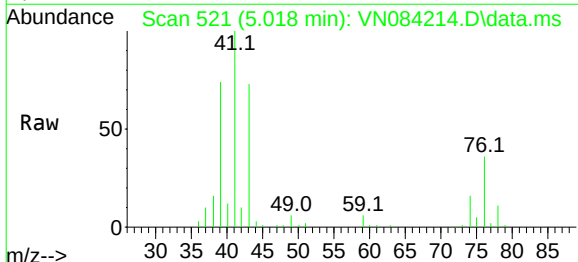
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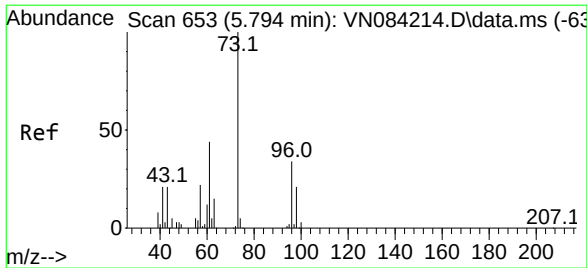
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#18
Methyl Acetate
Concen: 50.934 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion: 43 Resp: 124007
Ion Ratio Lower Upper
43 100
74 24.0 19.2 28.8





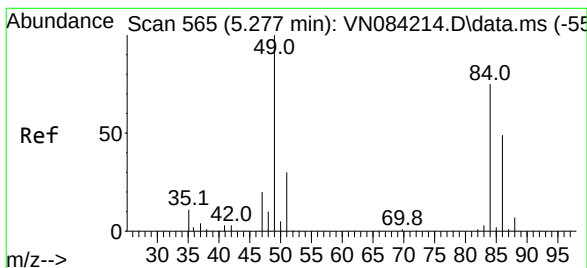
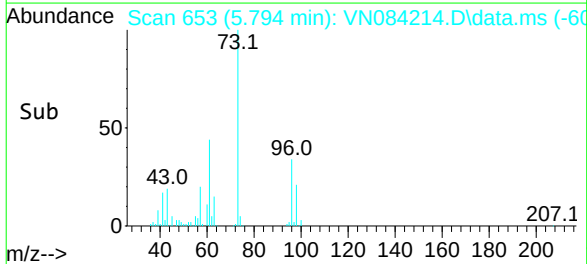
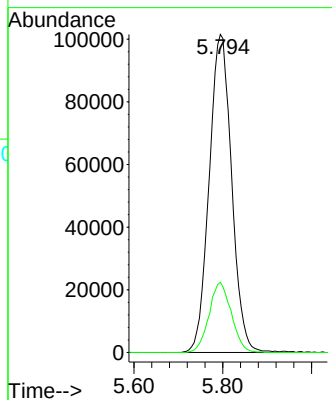
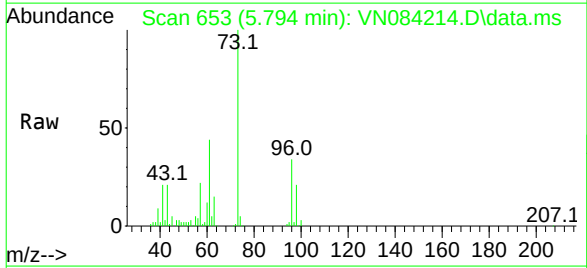
#19
Methyl tert-butyl Ether
Concen: 53.487 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 356478
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

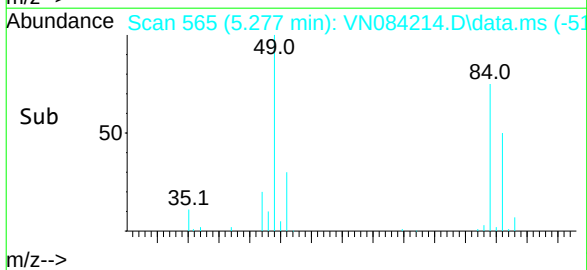
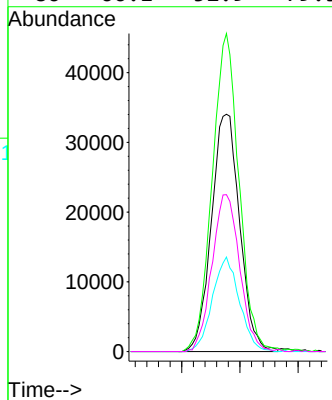
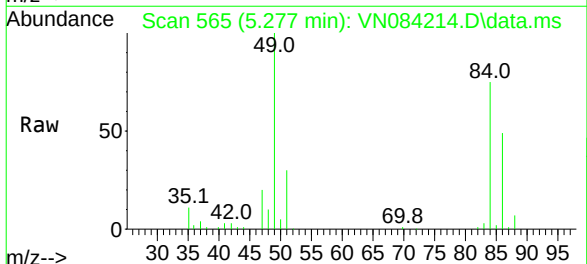
Manual Integrations
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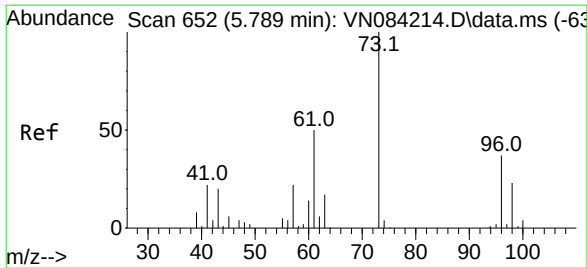
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#20
Methylene Chloride
Concen: 50.609 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion: 84 Resp: 114918
Ion Ratio Lower Upper
84 100
49 134.0 107.2 160.8
51 39.8 31.8 47.8
86 66.1 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 52.711 ug/l

RT: 5.789 min Scan# 652

Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 109048

Ion Ratio Lower Upper

96 100

61 135.5 108.4 162.6

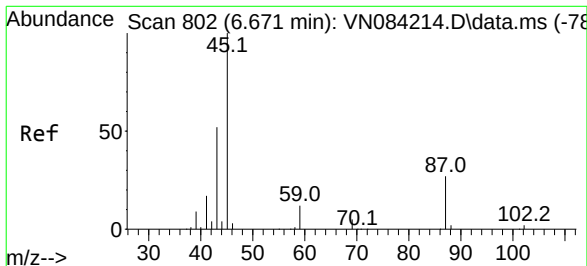
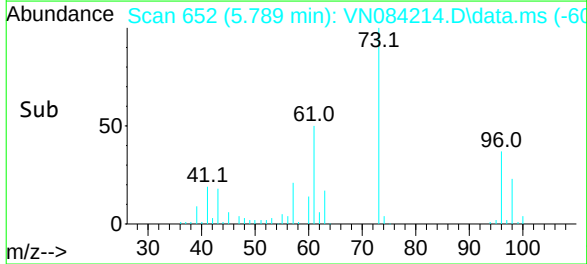
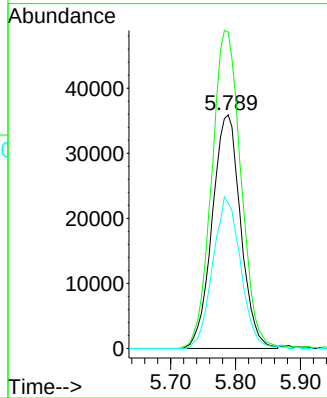
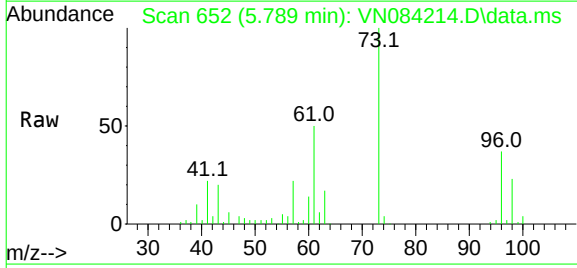
98 62.3 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#22

Diisopropyl ether

Concen: 53.501 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Tgt Ion: 45 Resp: 379516

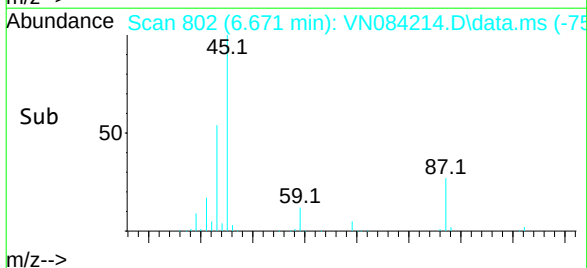
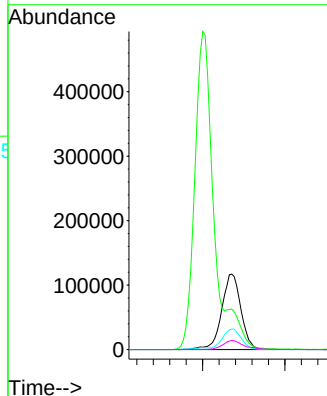
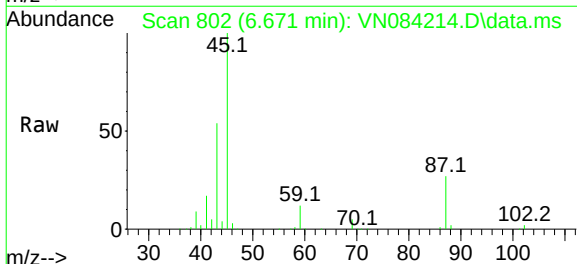
Ion Ratio Lower Upper

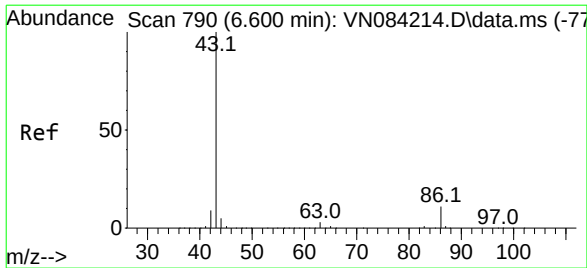
45 100

43 52.9 42.3 63.5

87 27.2 21.8 32.6

59 12.0 9.6 14.4





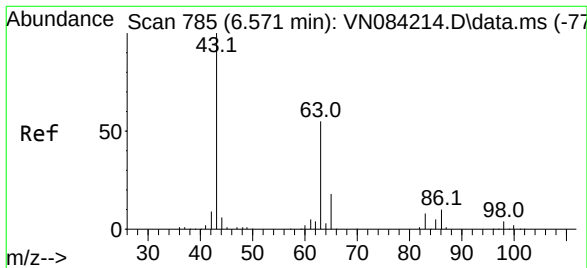
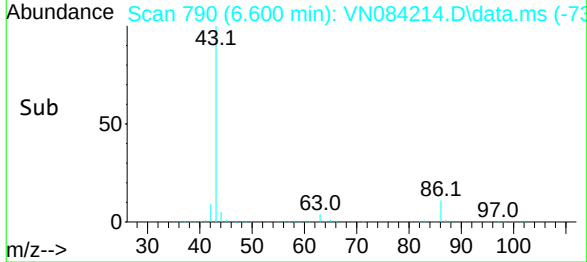
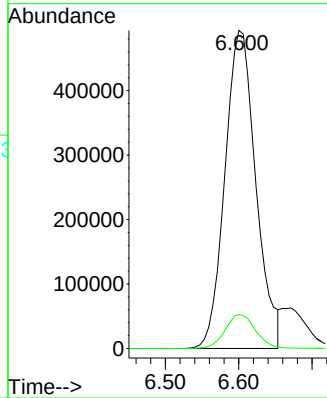
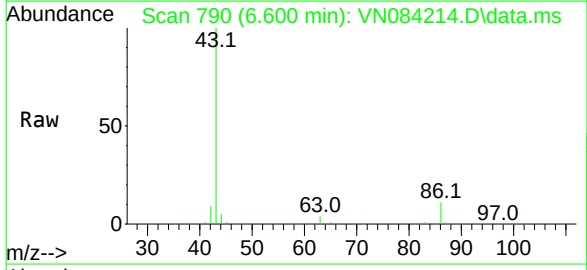
#23
 Vinyl Acetate
 Concen: 273.176 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN084214.D
 Acq: 30 Sep 2024 12:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1444909
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8

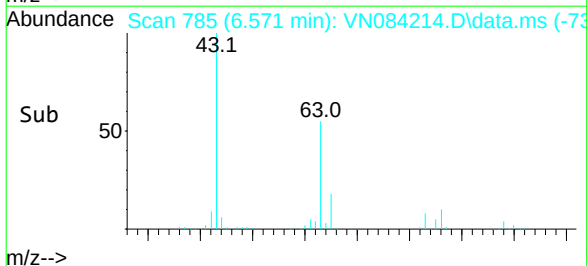
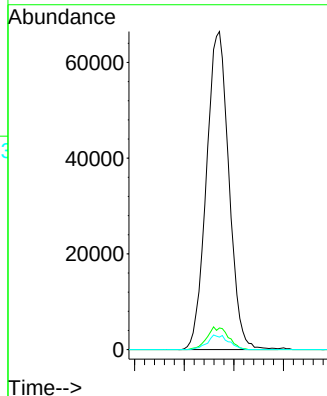
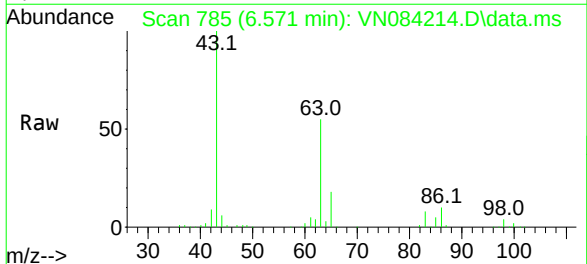
Manual Integrations
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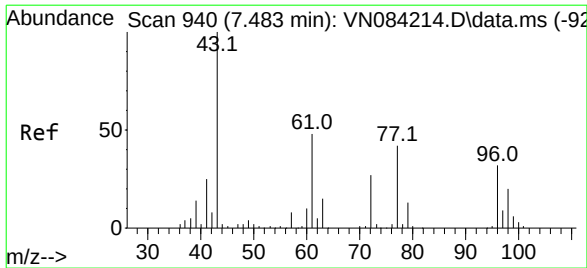
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#24
 1,1-Dichloroethane
 Concen: 52.742 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN084214.D
 Acq: 30 Sep 2024 12:49

Tgt Ion: 63 Resp: 209222
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 3.9 2.0 5.8





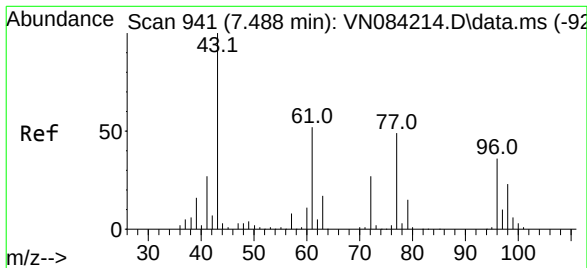
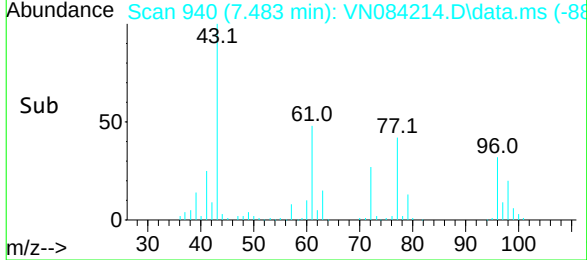
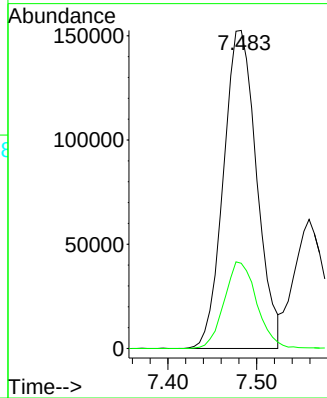
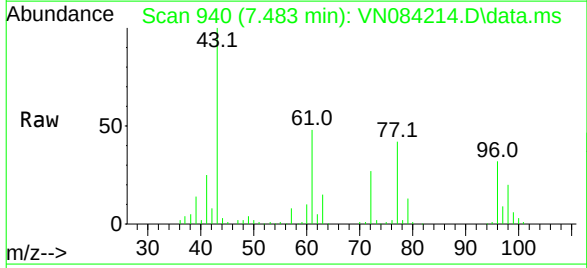
#25
2-Butanone
Concen: 260.524 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 396369
Ion Ratio Lower Upper
43 100
72 26.8 21.4 32.2

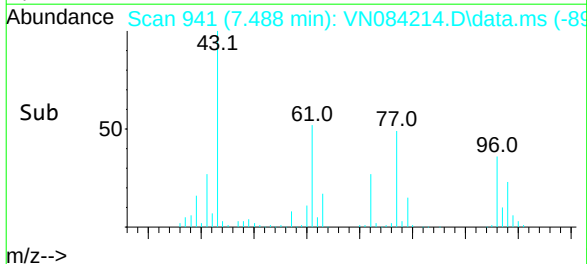
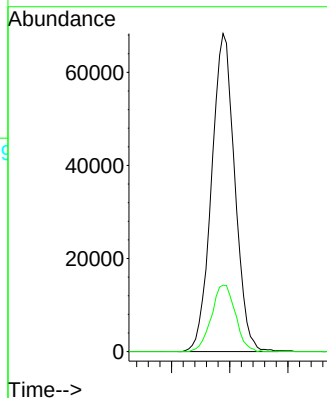
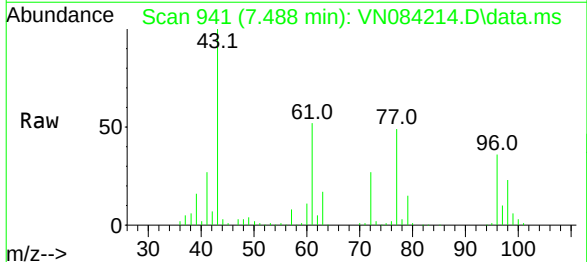
Manual Integrations
APPROVED

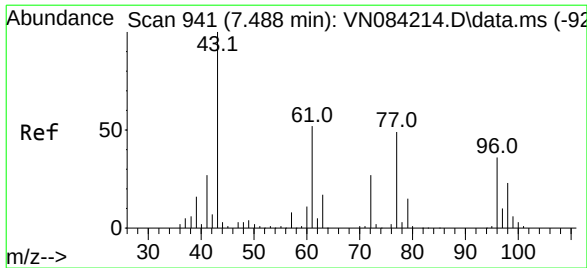
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#26
2,2-Dichloropropane
Concen: 53.050 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

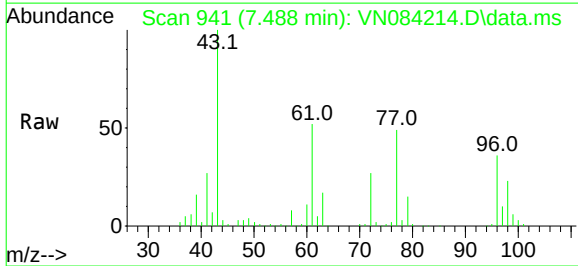
Tgt Ion: 77 Resp: 189745
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 51.951 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN084214.D
 Acq: 30 Sep 2024 12:49

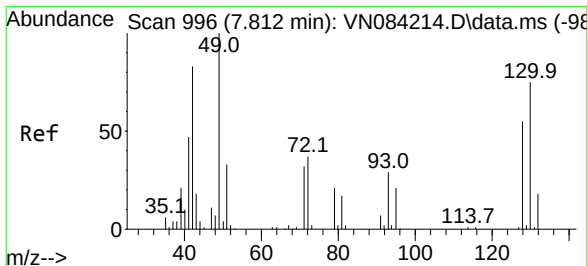
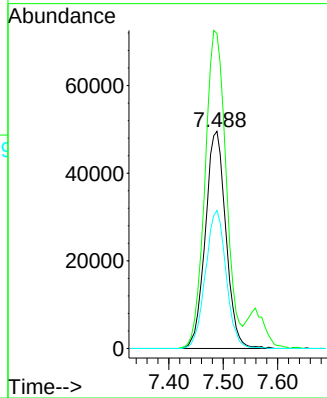
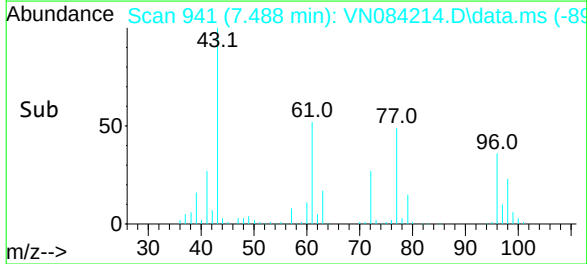
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 129873
 Ion Ratio Lower Upper
 96 100
 61 150.9 0.0 301.8
 98 64.1 0.0 128.2

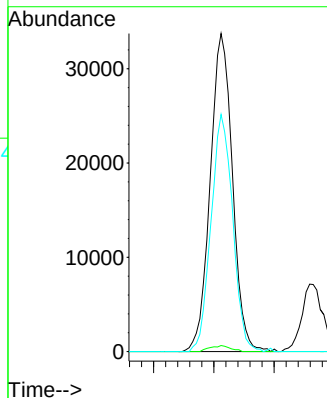
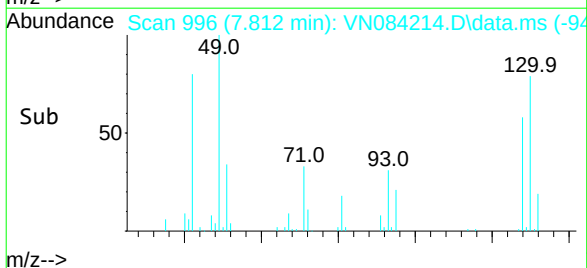
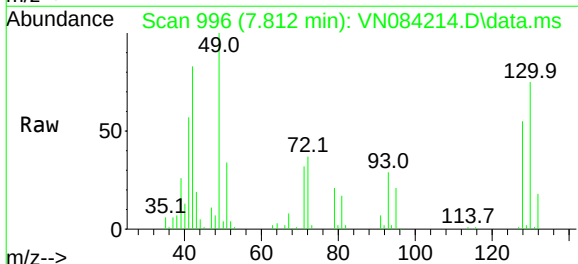
Manual Integrations
 APPROVED

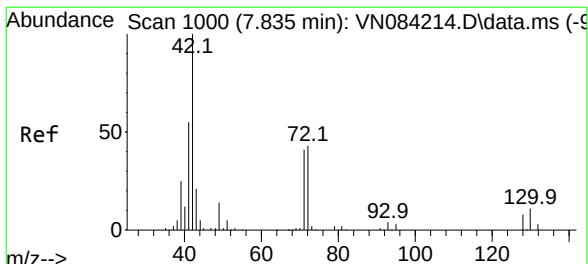
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#28
 Bromochloromethane
 Concen: 48.919 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN084214.D
 Acq: 30 Sep 2024 12:49

Tgt Ion: 49 Resp: 86584
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 72.5 58.0 87.0





#29
Tetrahydrofuran
Concen: 264.488 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

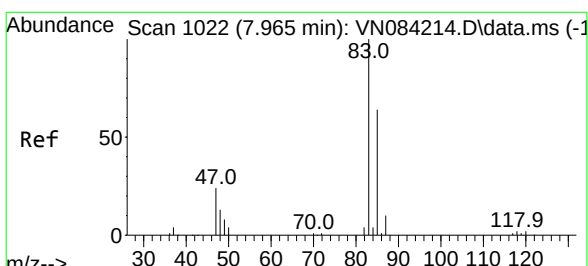
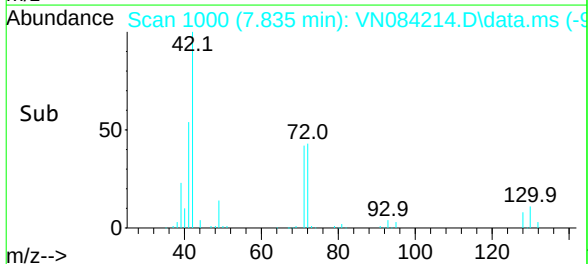
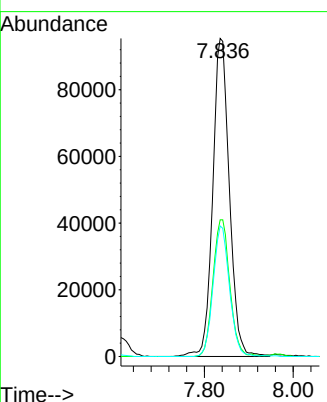
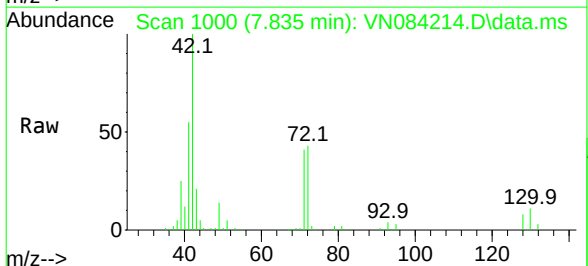
VSTDICCC050

Tgt Ion:	42	Resp:	248328
Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.6	51.8
71	40.3	32.2	48.4

Manual Integrations

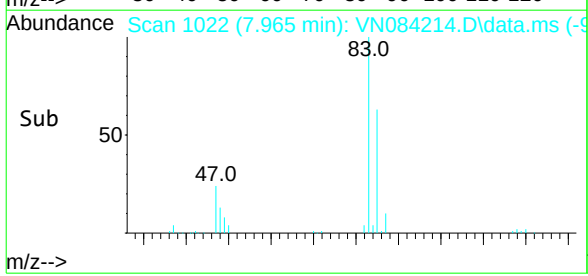
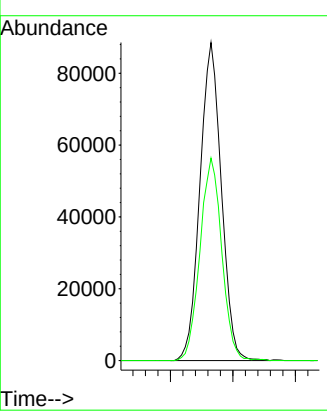
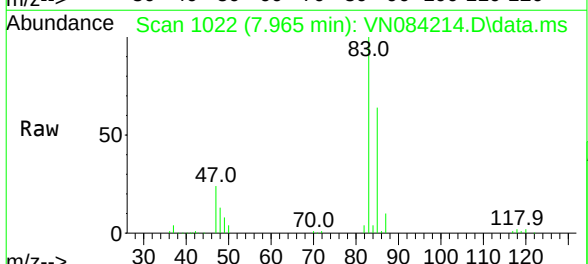
APPROVED

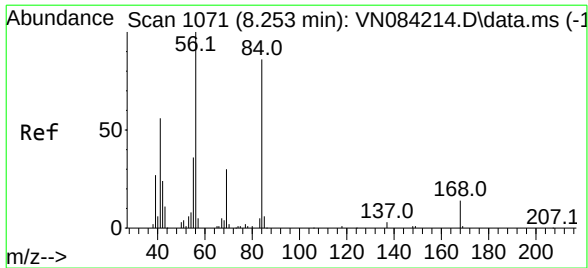
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#30
Chloroform
Concen: 51.249 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion:	83	Resp:	211178
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.0	76.4





#31
Cyclohexane
Concen: 48.624 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

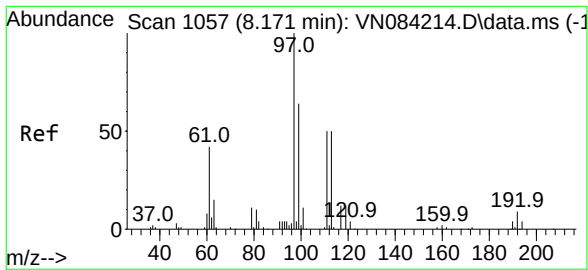
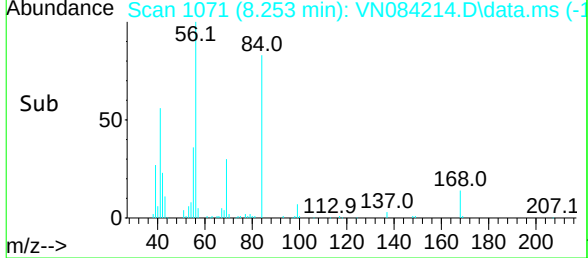
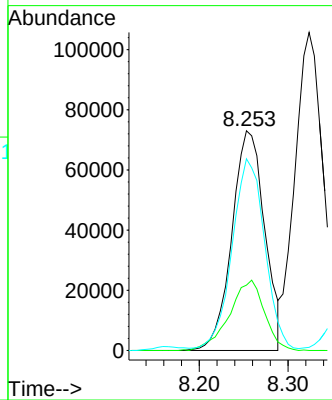
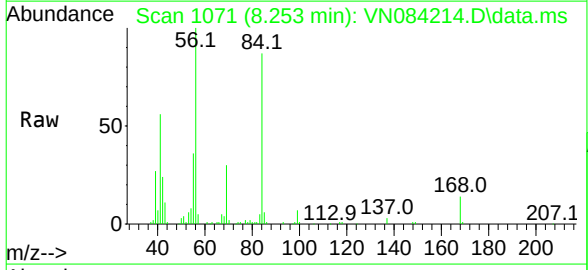
VSTDICCC050

Tgt Ion:	56	Resp:	187282
Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.8	35.6
84	86.0	68.8	103.2

Manual Integrations

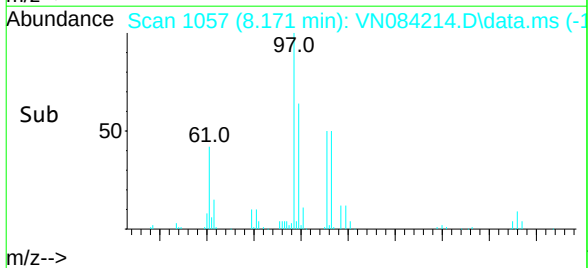
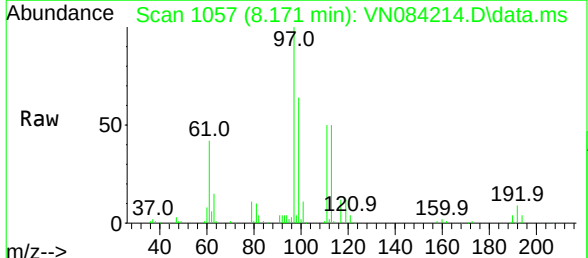
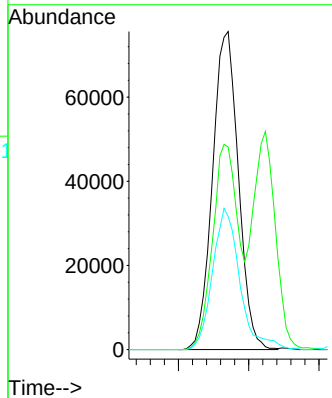
APPROVED

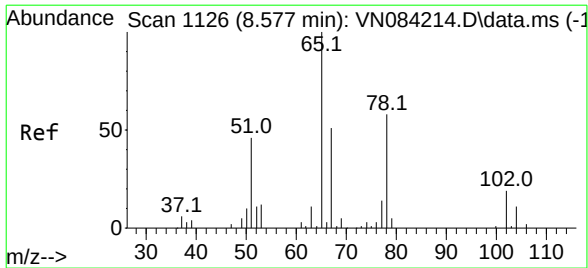
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#32
1,1,1-Trichloroethane
Concen: 52.237 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion:	97	Resp:	193315
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.2	76.8
61	46.9	37.5	56.3





#33
 1,2-Dichloroethane-d4
 Concen: 49.725 ug/l
 RT: 8.577 min Scan# 1116
 Delta R.T. 0.000 min
 Lab File: VN084214.D
 Acq: 30 Sep 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

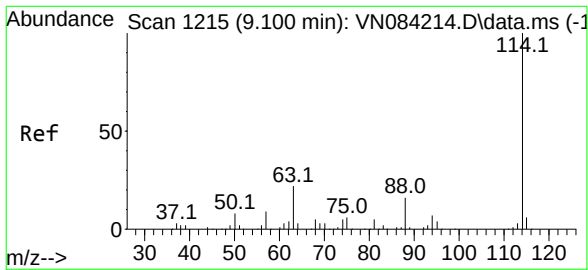
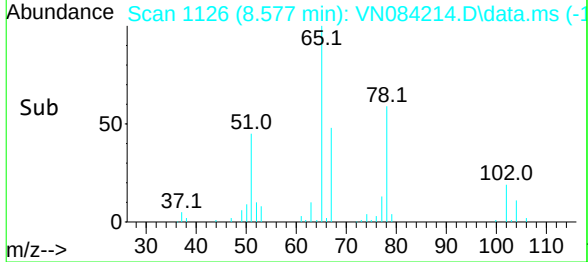
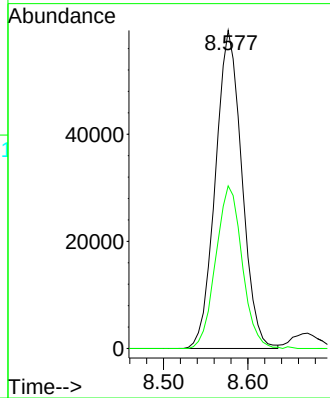
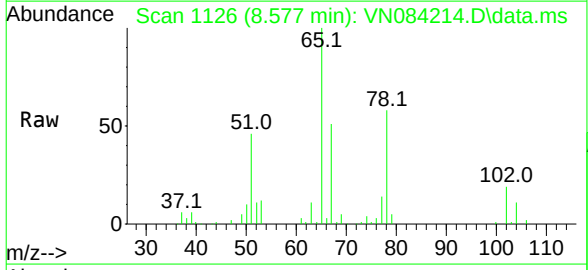
VSTDICCC050

Tgt Ion: 65 Resp: 129300
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.0

Manual Integrations

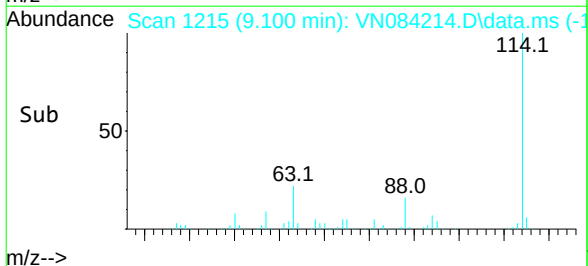
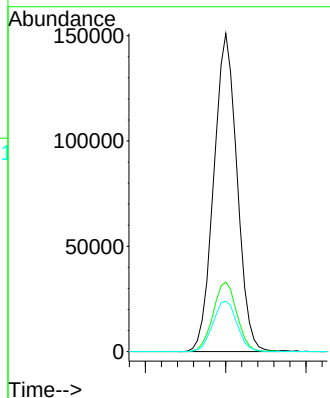
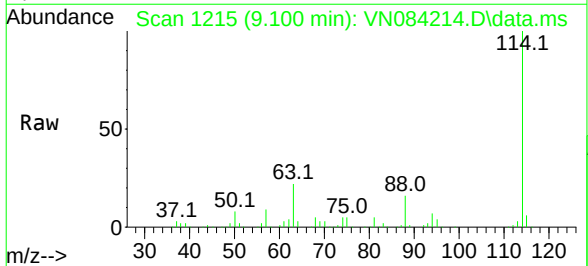
APPROVED

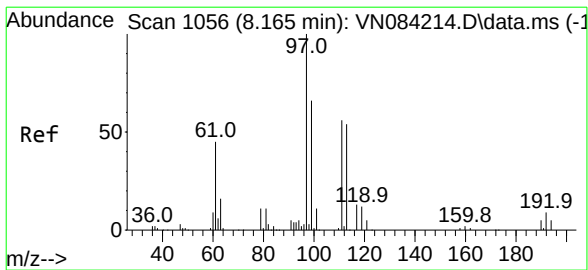
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084214.D
 Acq: 30 Sep 2024 12:49

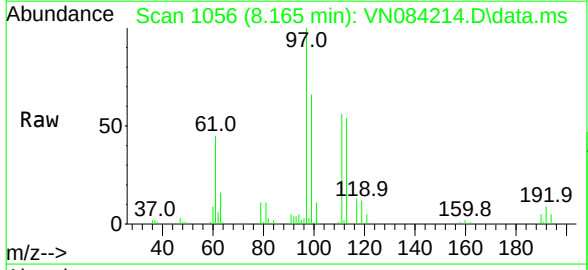
Tgt Ion:114 Resp: 304127
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.8
 88 15.8 0.0 31.6





#35
 Dibromofluoromethane
 Concen: 49.143 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084214.D
 Acq: 30 Sep 2024 12:49

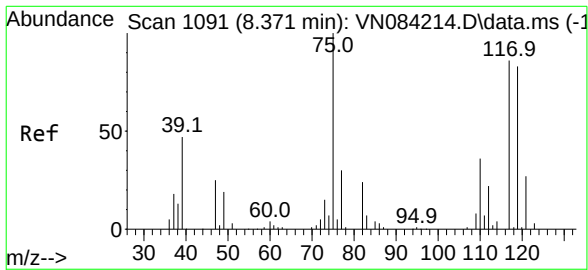
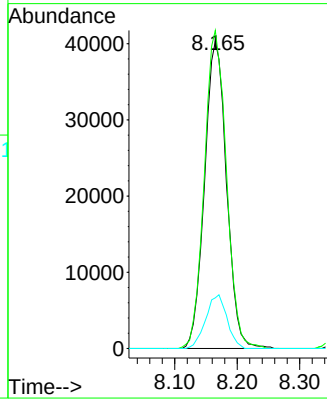
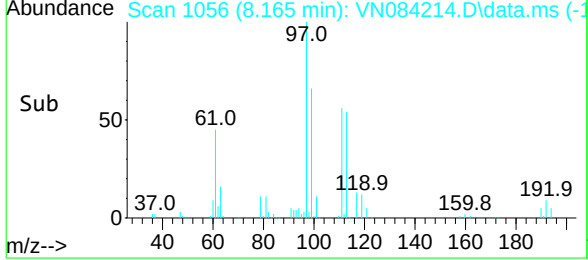
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion:	113	Resp:	98531
Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.3	124.9
192	16.9	13.5	20.3

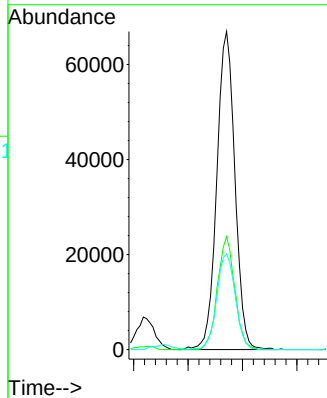
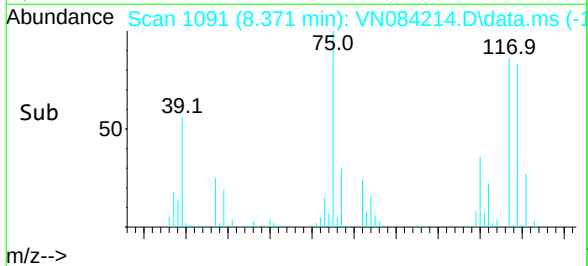
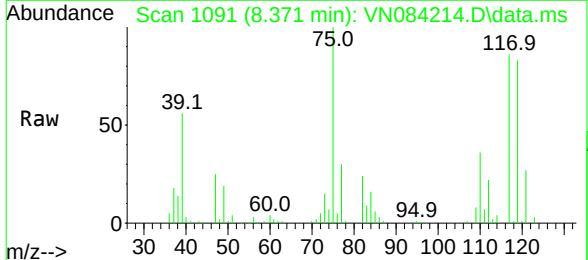
Manual Integrations
 APPROVED

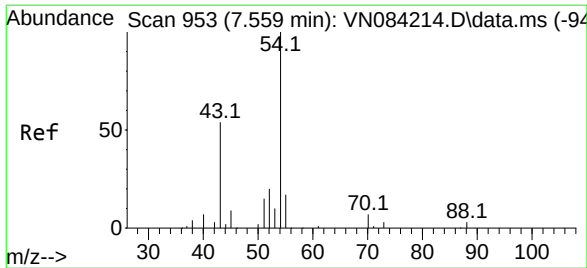
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#36
 1,1-Dichloropropene
 Concen: 53.172 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VN084214.D
 Acq: 30 Sep 2024 12:49

Tgt Ion:	75	Resp:	154855
Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.7
77	30.9	24.7	37.1





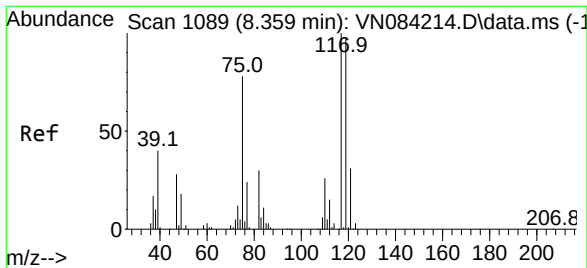
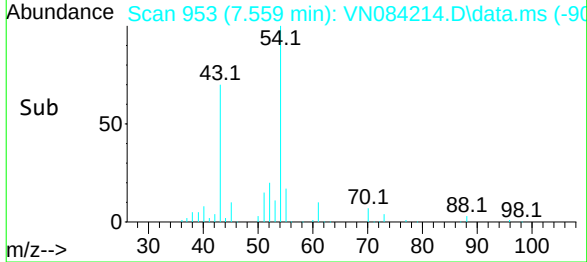
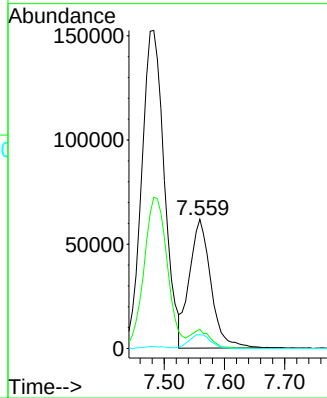
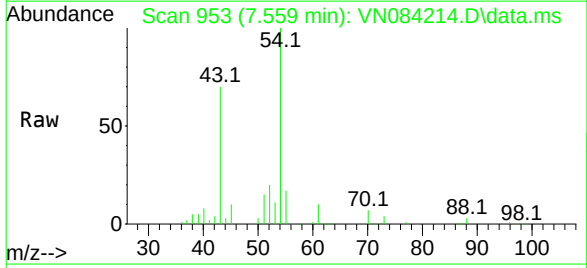
#37
Ethyl Acetate
Concen: 51.216 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:	43	Resp:	153024
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	11.0	8.8	13.2

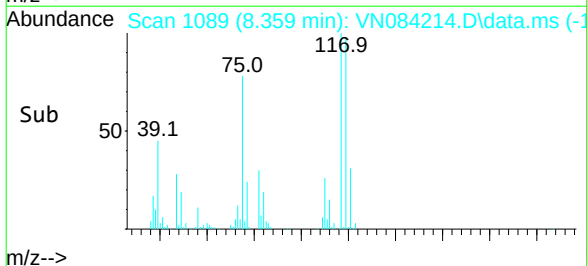
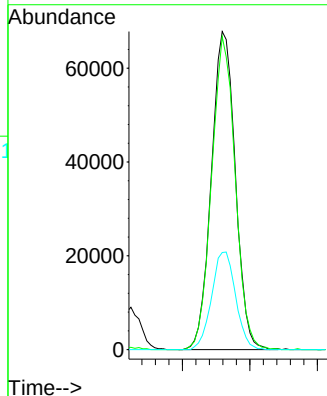
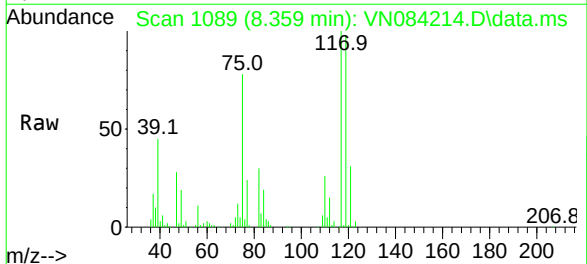
Manual Integrations
APPROVED

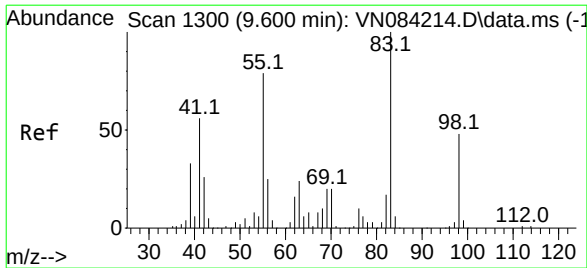
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#38
Carbon Tetrachloride
Concen: 52.301 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

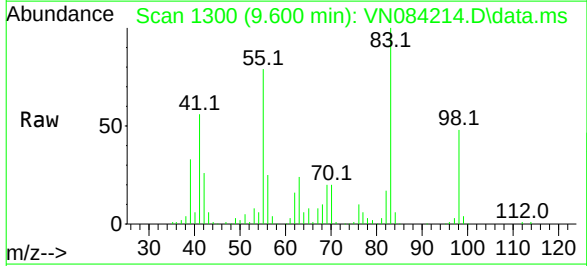
Tgt Ion:	117	Resp:	167086
Ion	Ratio	Lower	Upper
117	100		
119	98.4	78.7	118.1
121	30.5	24.4	36.6





#39
Methylcyclohexane
Concen: 54.741 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

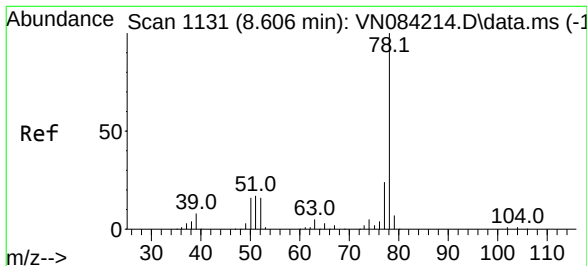
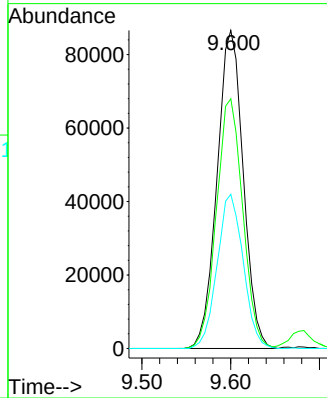
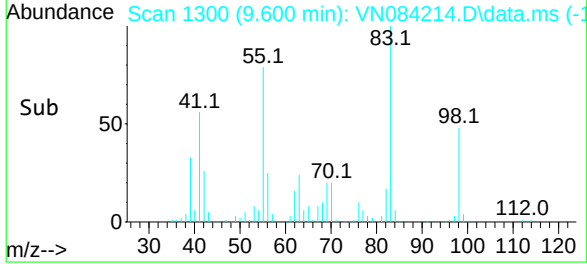
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 177433
Ion Ratio Lower Upper
83 100
55 78.5 62.8 94.2
98 48.5 38.8 58.2

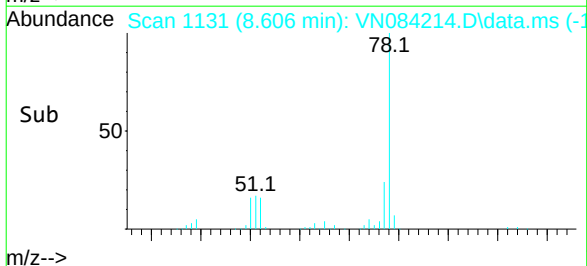
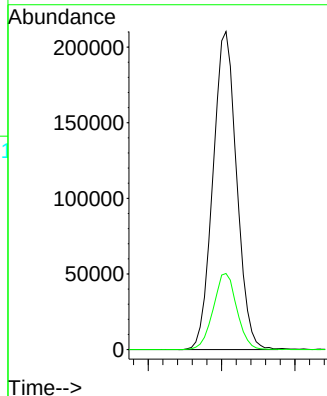
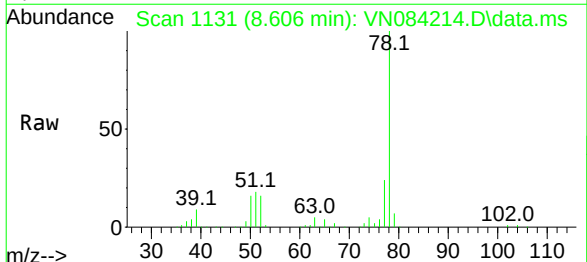
Manual Integrations
APPROVED

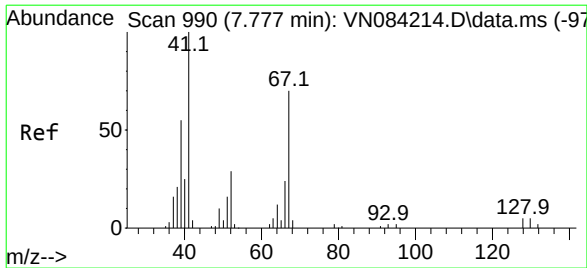
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#40
Benzene
Concen: 52.037 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion: 78 Resp: 472170
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7





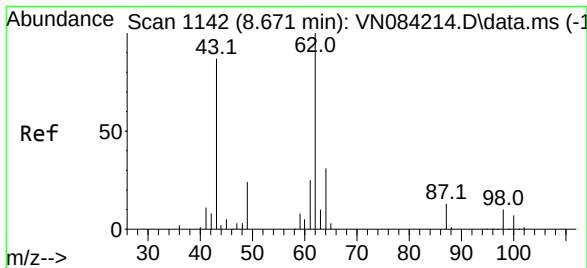
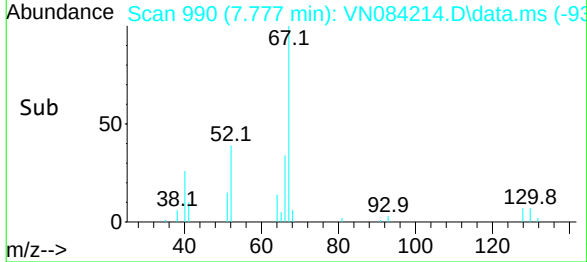
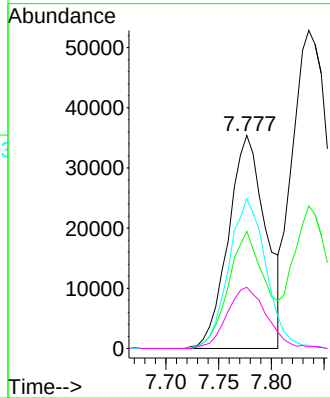
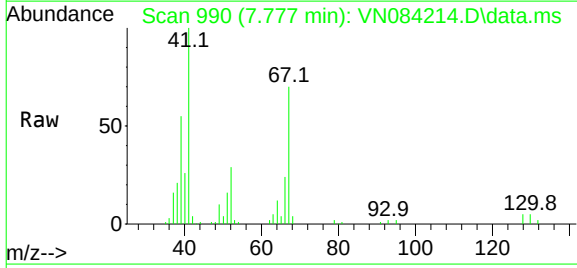
#41
Methacrylonitrile
Concen: 53.861 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	87365
Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.3	64.9
67	70.1	56.1	84.1
52	30.6	24.5	36.7

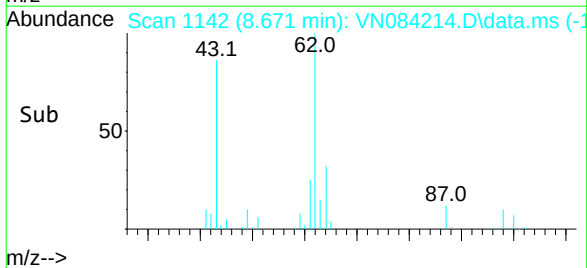
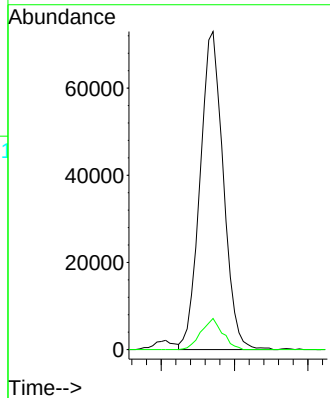
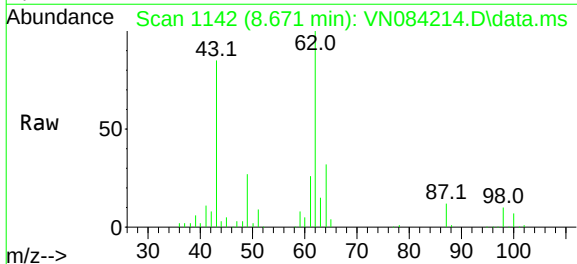
Manual Integrations
APPROVED

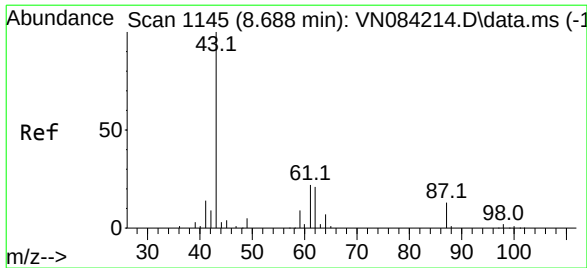
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#42
1,2-Dichloroethane
Concen: 52.210 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion:	62	Resp:	160606
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2





#43

Isopropyl Acetate

Concen: 46.667 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

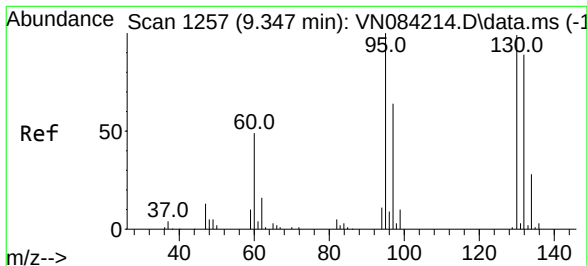
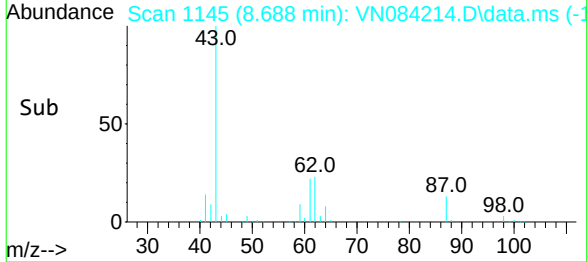
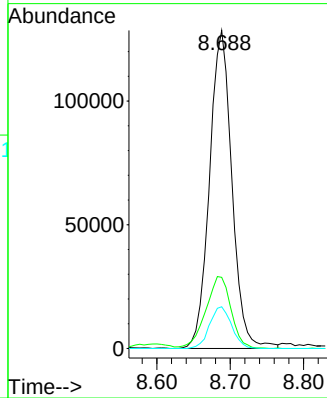
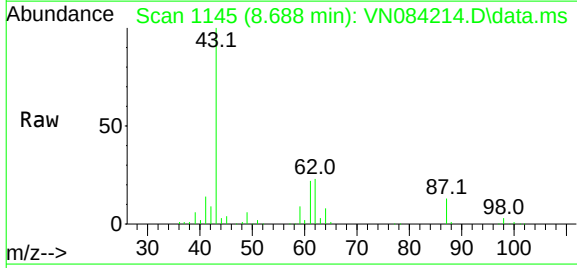
Tgt Ion:	43	Resp:	272992
Ion	Ratio	Lower	Upper
43	100		
61	25.5	20.4	30.6
87	12.9	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#44

Trichloroethene

Concen: 51.961 ug/l

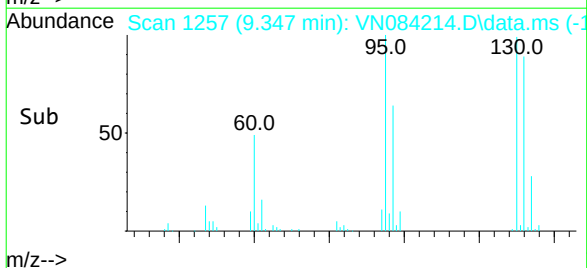
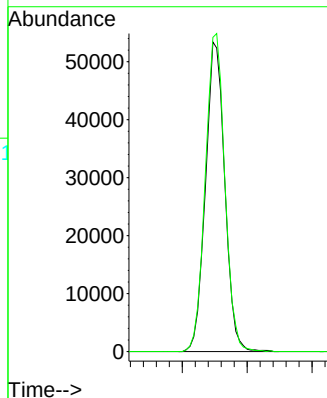
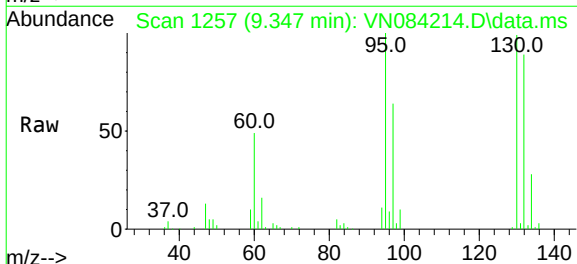
RT: 9.347 min Scan# 1257

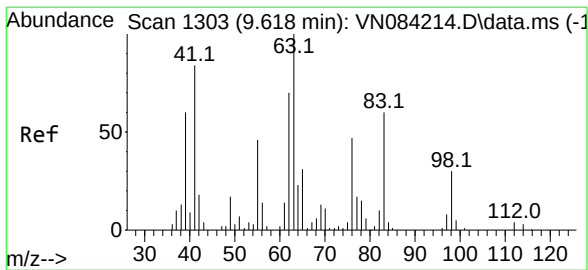
Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Tgt Ion:	130	Resp:	110119
Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	203.0





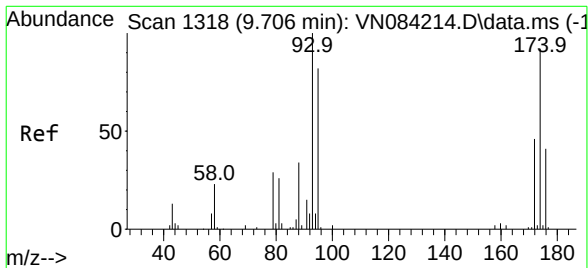
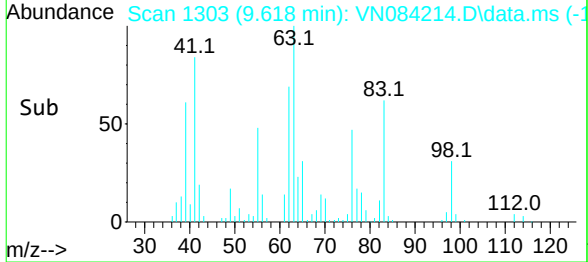
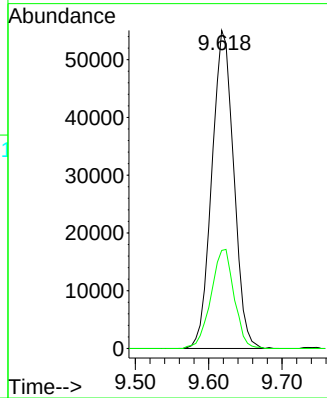
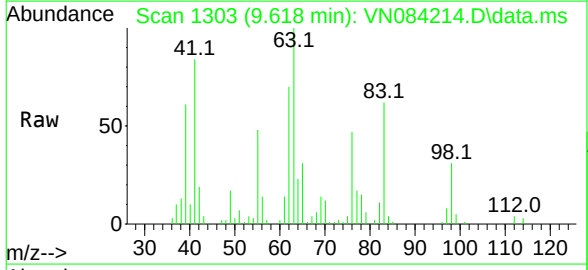
#45
1,2-Dichloropropane
Concen: 53.176 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 114143
Ion Ratio Lower Upper
63 100
65 30.8 24.6 37.0

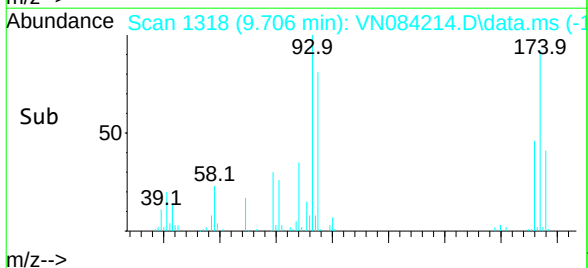
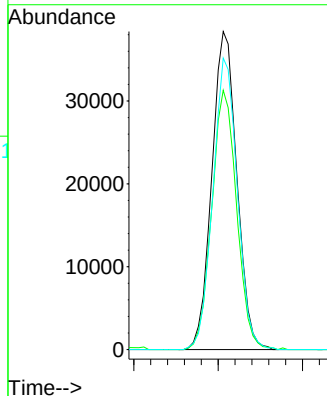
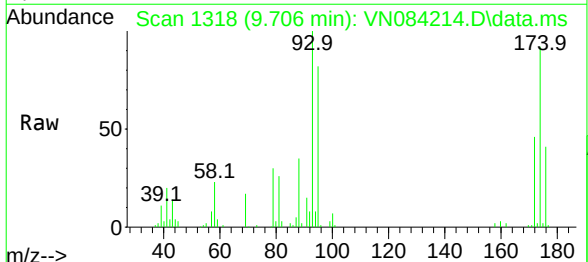
Manual Integrations
APPROVED

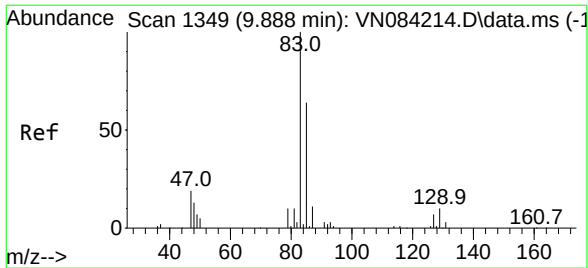
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#46
Dibromomethane
Concen: 54.542 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion: 93 Resp: 79007
Ion Ratio Lower Upper
93 100
95 81.2 65.0 97.4
174 89.8 71.8 107.8





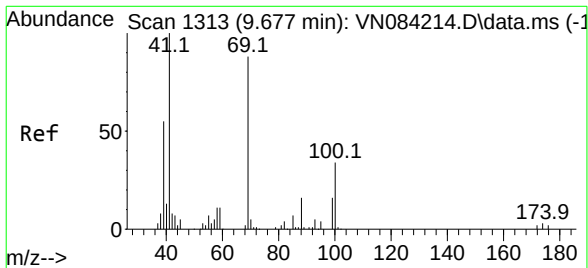
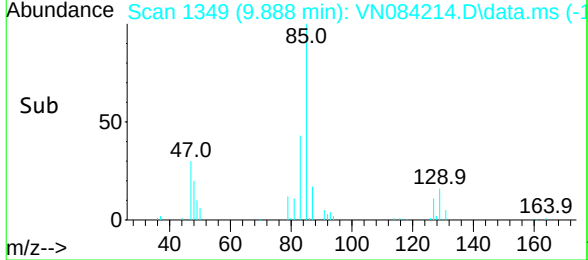
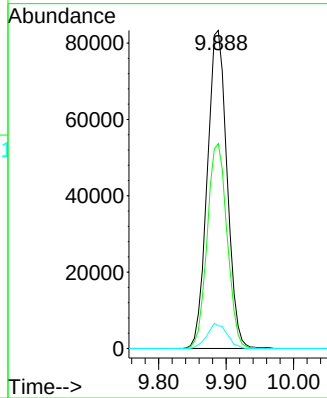
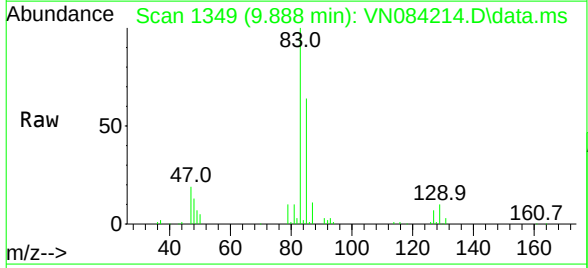
#47
Bromodichloromethane
Concen: 52.595 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3
127	7.1	5.7	8.5

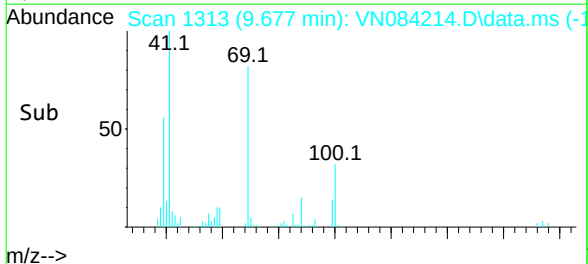
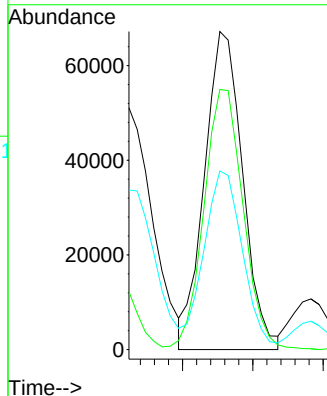
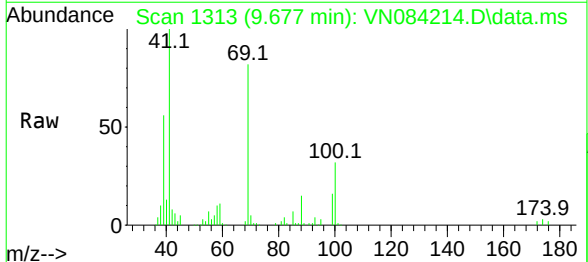
Manual Integrations
APPROVED

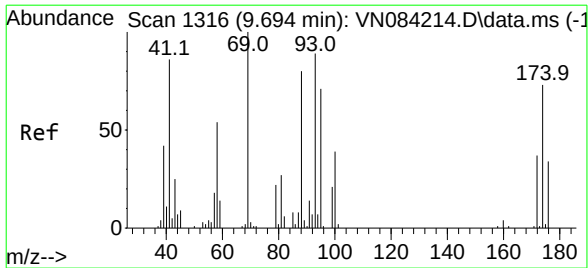
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#48
Methyl methacrylate
Concen: 54.534 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

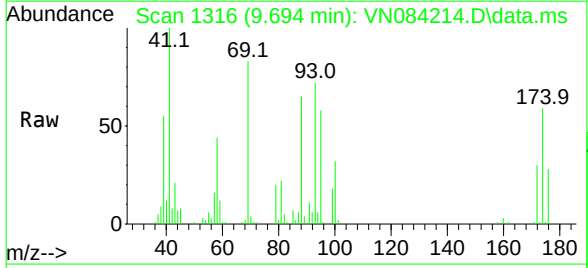
Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.9	67.1	100.7
39	57.2	45.8	68.6





#49
1,4-Dioxane
Concen: 1037.858 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

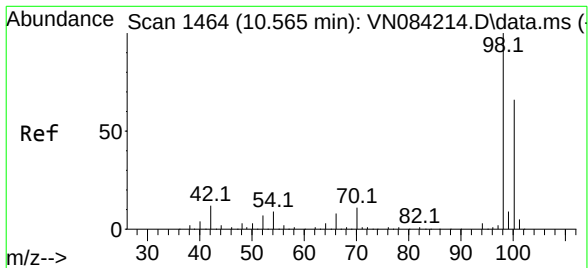
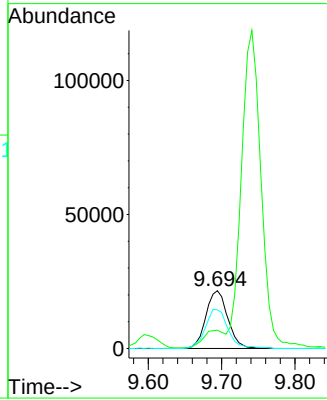
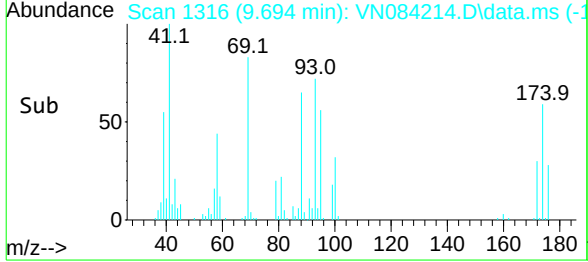
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 44512
Ion Ratio Lower Upper
88 100
43 31.6 25.3 37.9
58 70.5 56.4 84.6

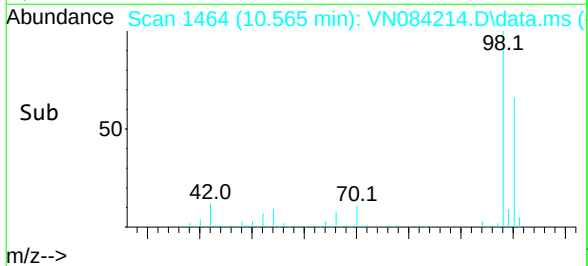
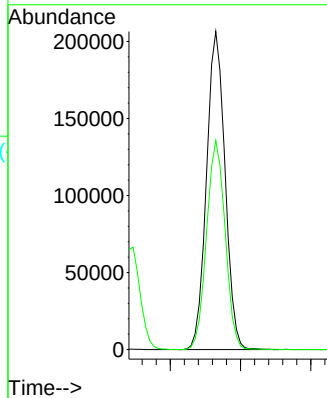
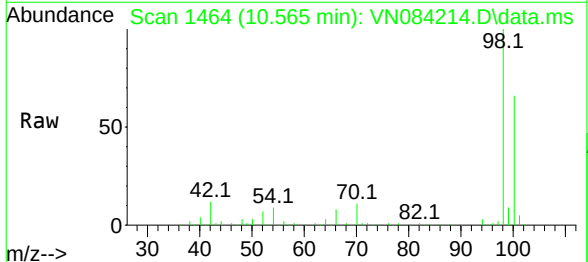
Manual Integrations
APPROVED

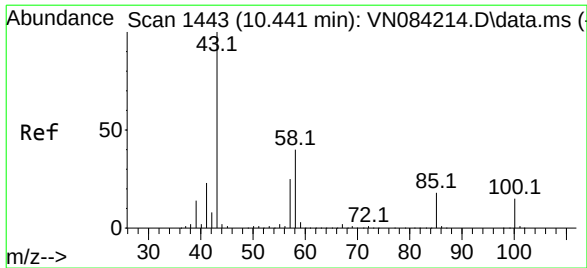
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#50
Toluene-d8
Concen: 51.228 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion: 98 Resp: 377886
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1





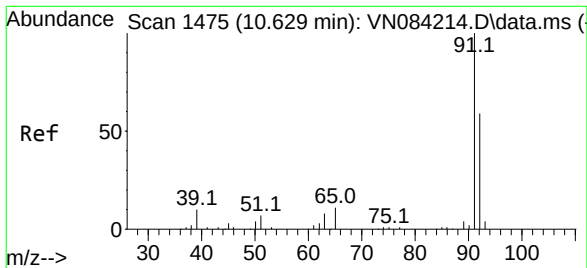
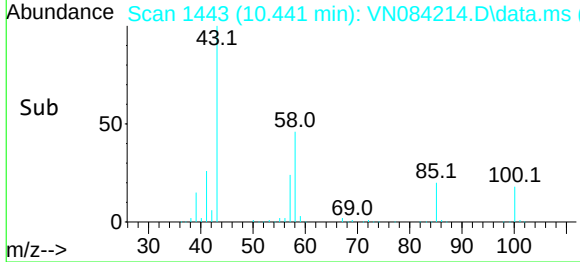
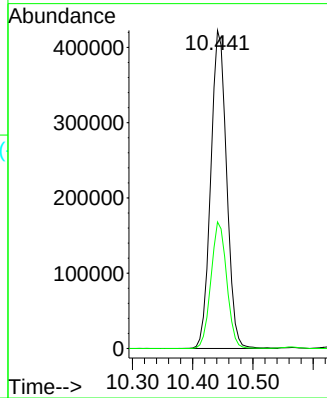
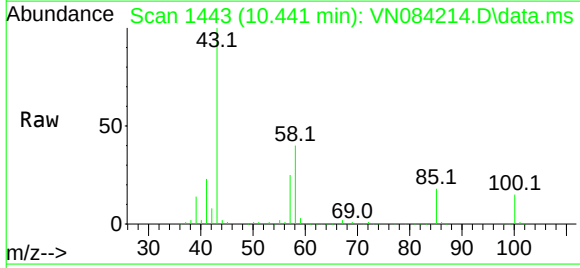
#51
4-Methyl-2-Pentanone
Concen: 271.750 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 772927
Ion Ratio Lower Upper
43 100
58 39.5 31.6 47.4

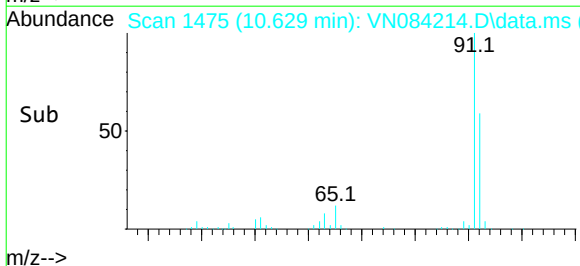
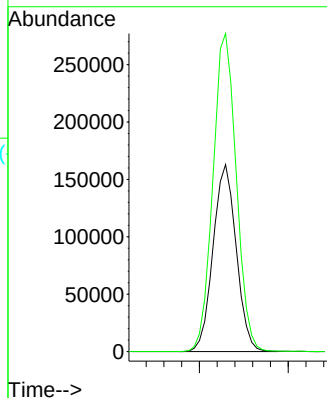
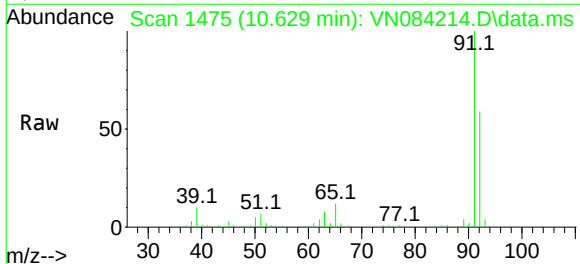
Manual Integrations
APPROVED

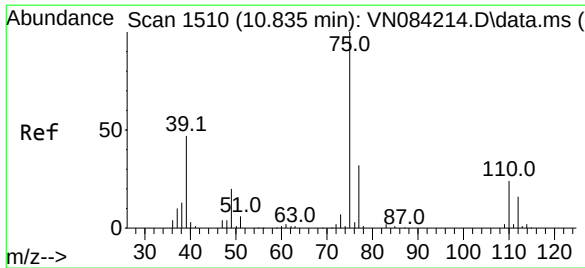
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#52
Toluene
Concen: 53.332 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion: 92 Resp: 295099
Ion Ratio Lower Upper
92 100
91 171.6 137.3 205.9





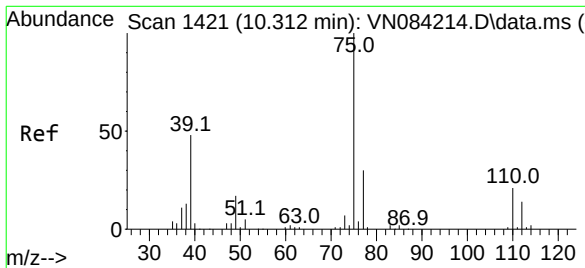
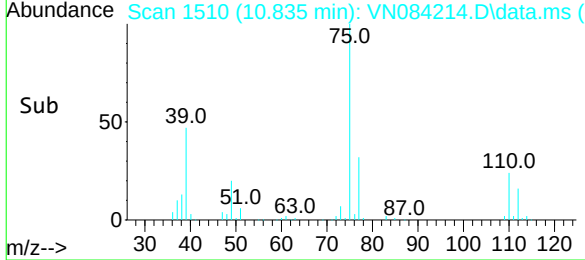
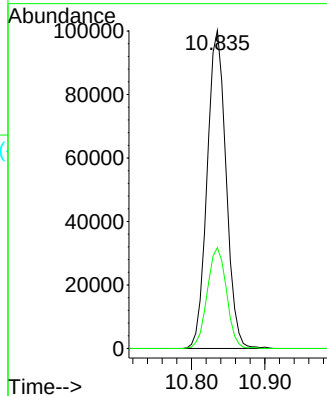
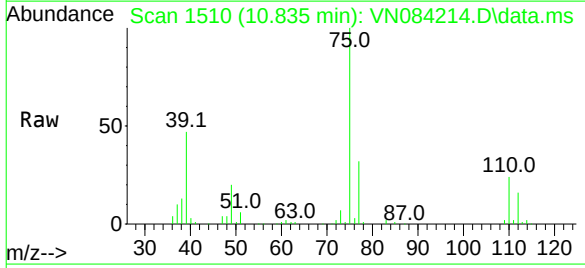
#53
t-1,3-Dichloropropene
Concen: 54.703 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 179453
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

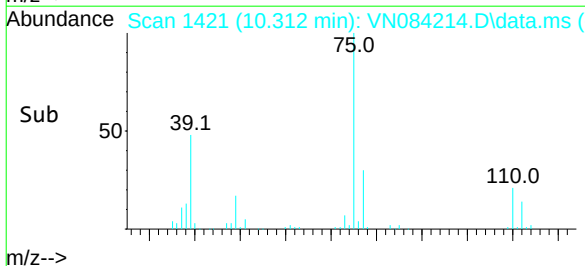
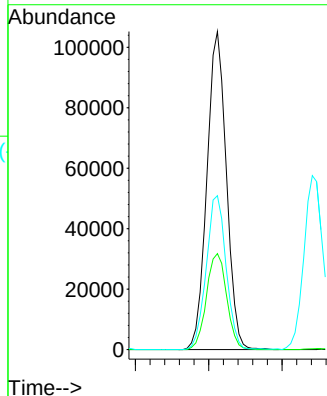
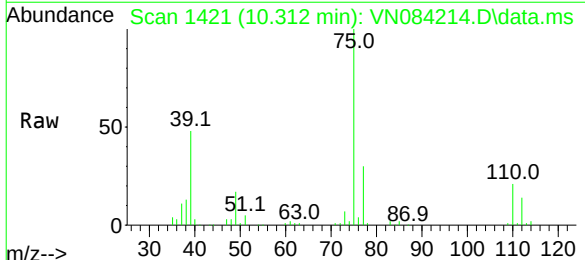
Manual Integrations
APPROVED

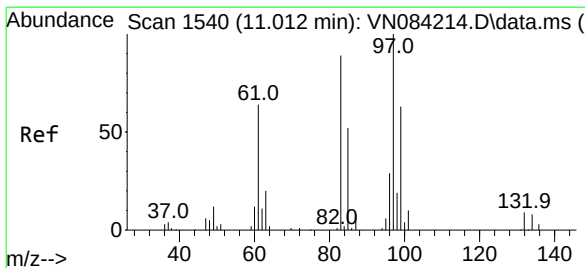
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#54
cis-1,3-Dichloropropene
Concen: 54.966 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion: 75 Resp: 193952
Ion Ratio Lower Upper
75 100
77 30.2 24.2 36.2
39 48.4 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 53.583 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 106288

Ion Ratio Lower Upper

97 100

83 88.7 71.0 106.4

85 52.1 41.7 62.5

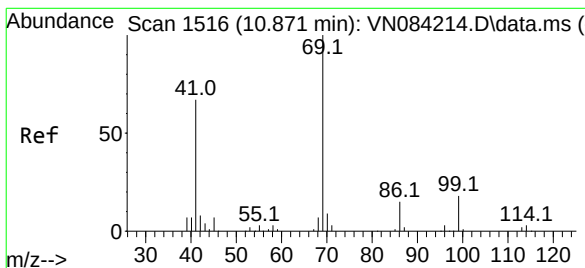
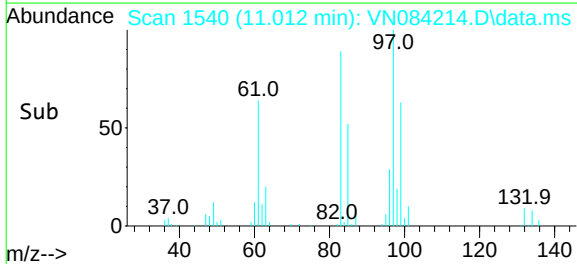
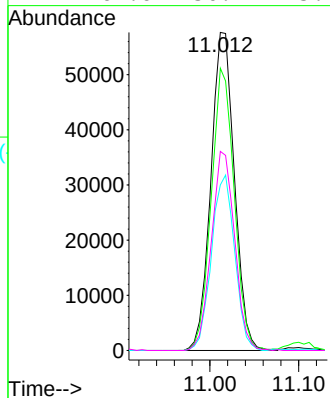
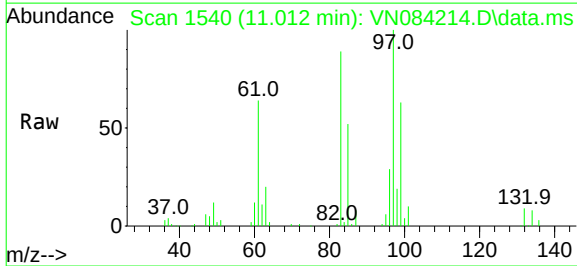
99 62.6 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#56

Ethyl methacrylate

Concen: 56.085 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

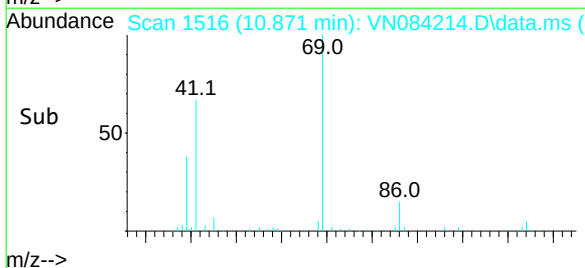
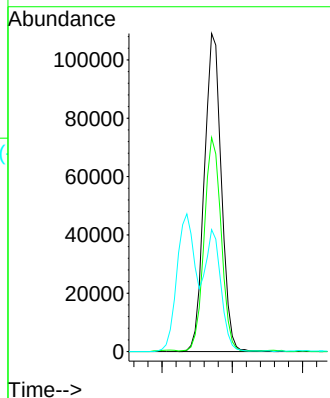
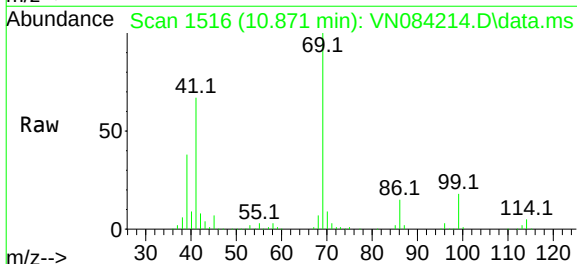
Tgt Ion: 69 Resp: 183059

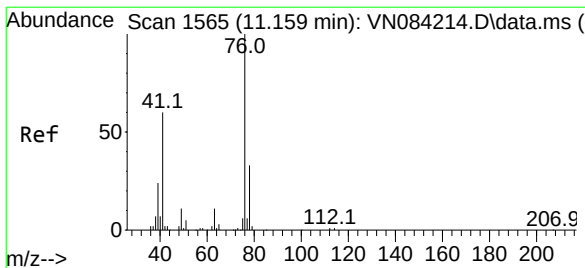
Ion Ratio Lower Upper

69 100

41 66.6 53.3 79.9

39 36.0 28.8 43.2





#57

1,3-Dichloropropane

Concen: 52.864 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 187372

Ion Ratio Lower Upper

76 100

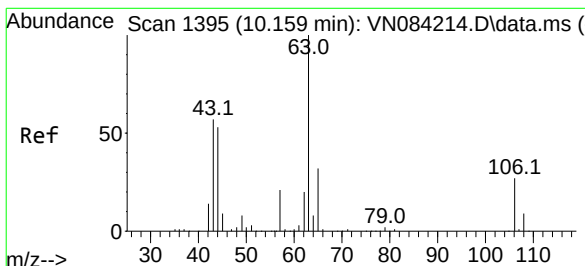
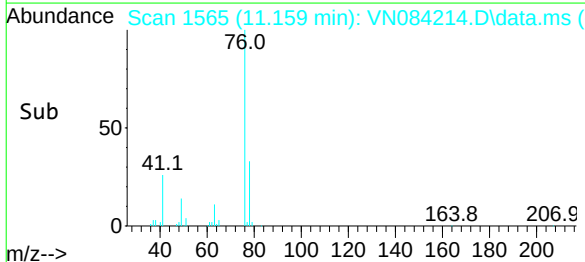
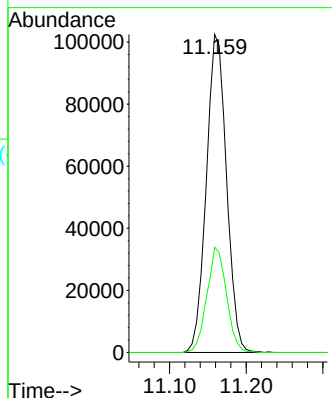
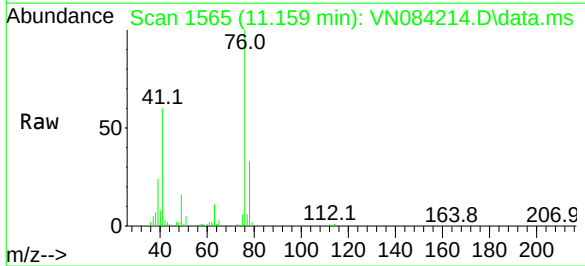
78 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#58

2-Chloroethyl Vinyl ether

Concen: 281.593 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN084214.D

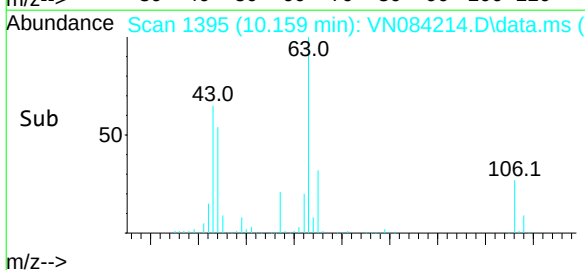
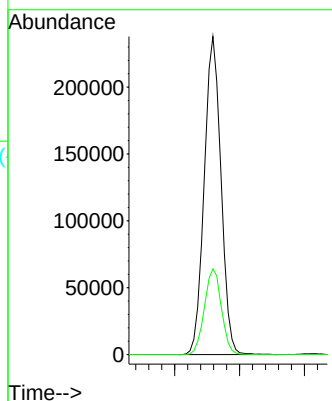
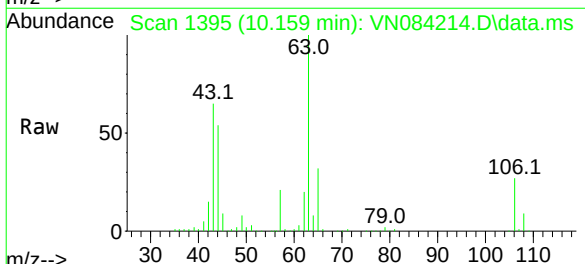
Acq: 30 Sep 2024 12:49

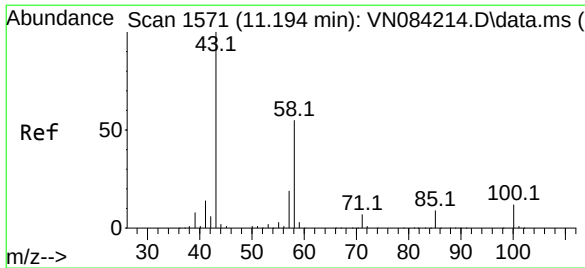
Tgt Ion: 63 Resp: 426364

Ion Ratio Lower Upper

63 100

106 27.2 21.8 32.6





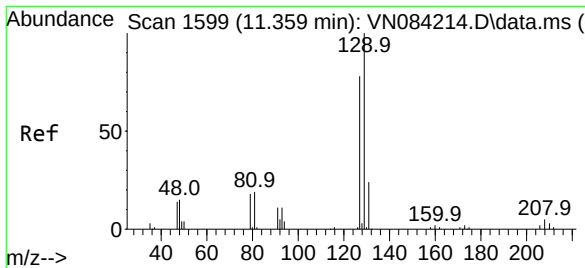
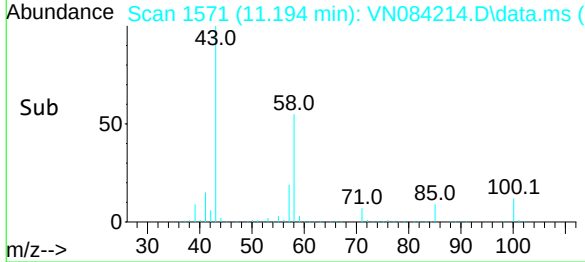
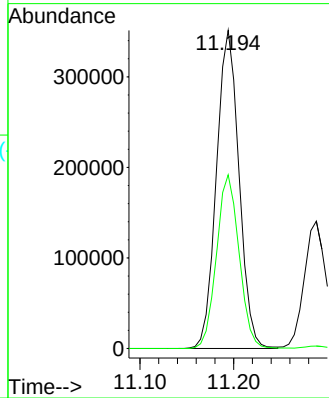
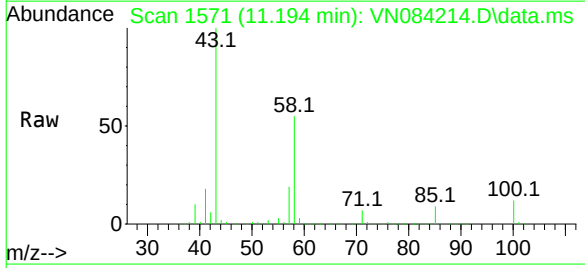
#59
2-Hexanone
Concen: 276.767 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 588361
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8

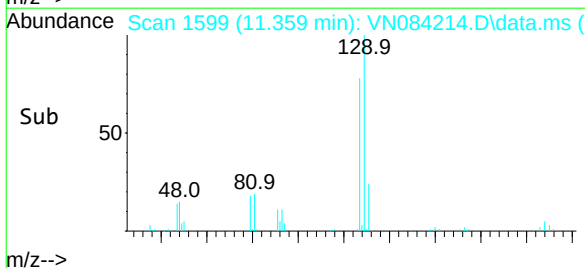
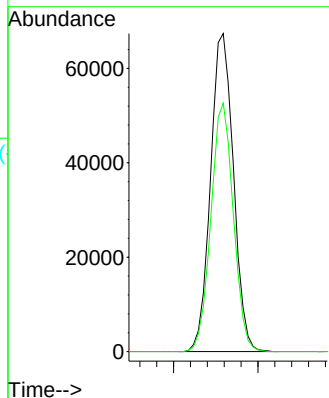
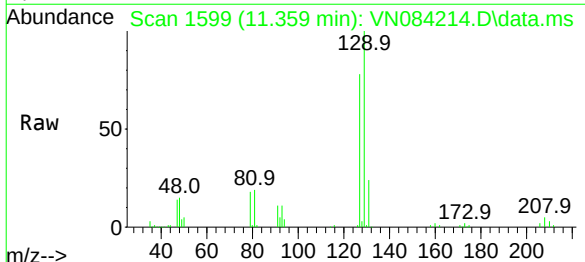
Manual Integrations
APPROVED

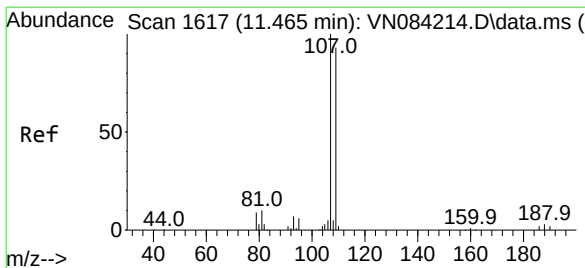
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#60
Dibromochloromethane
Concen: 54.184 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion:129 Resp: 126992
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





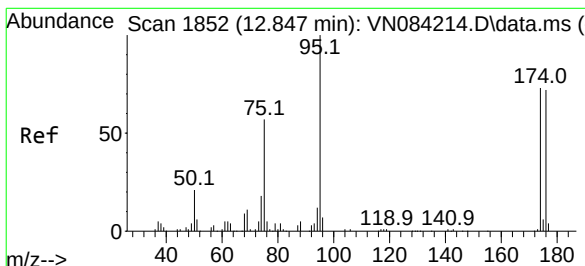
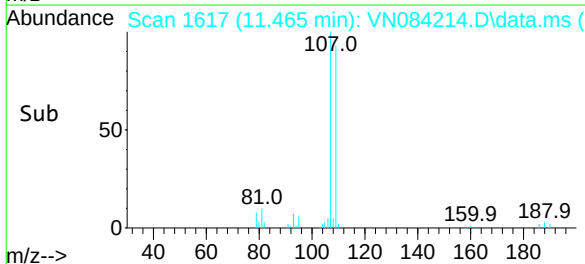
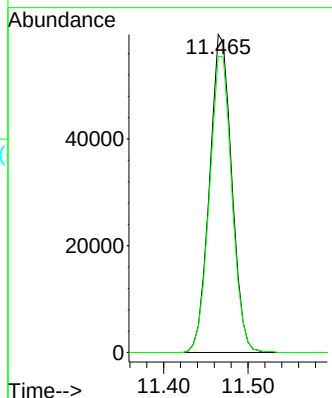
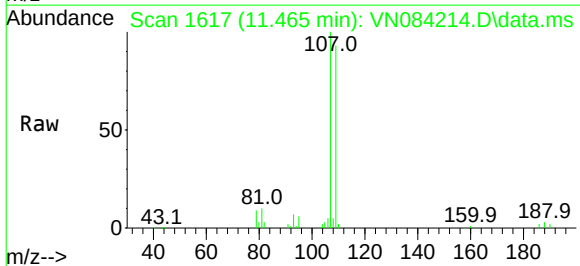
#61
1,2-Dibromoethane
Concen: 52.794 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 107 Resp: 108817
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.0

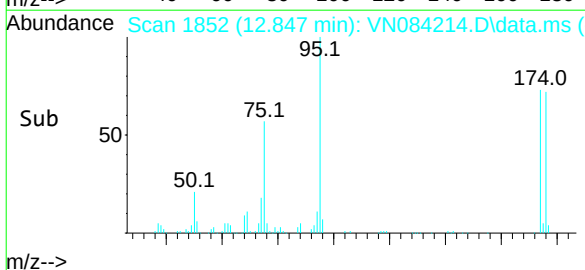
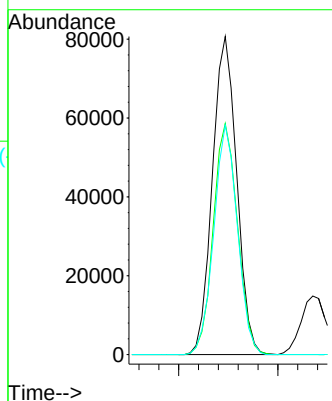
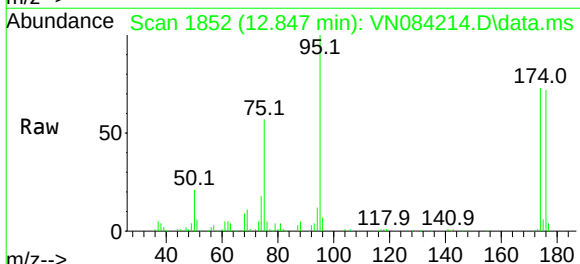
Manual Integrations
APPROVED

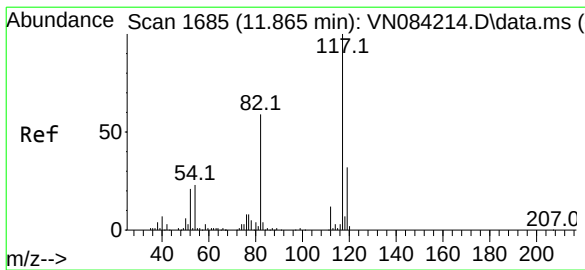
Reviewed By : John Carlone 10/01/2024
Supervised By : Mahesh Dadoda 10/01/2024



#62
4-Bromofluorobenzene
Concen: 51.124 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion: 95 Resp: 137388
Ion Ratio Lower Upper
95 100
174 72.6 0.0 145.2
176 70.0 0.0 140.0





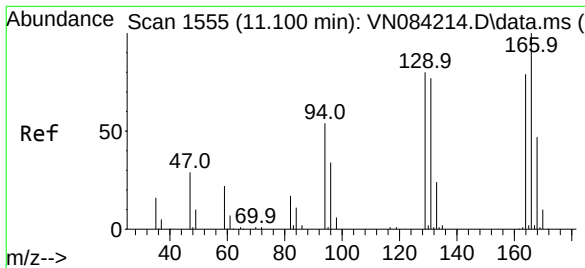
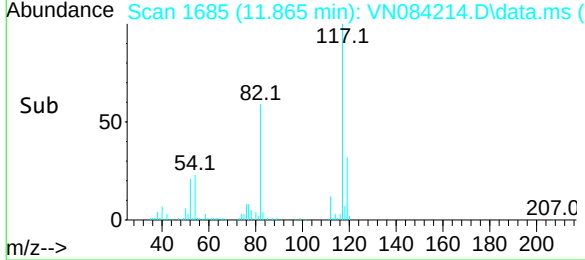
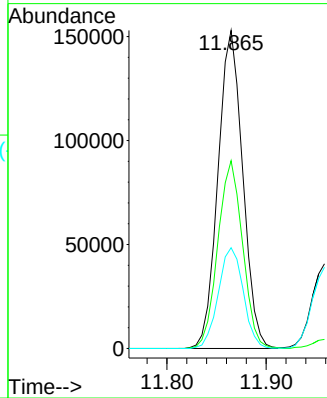
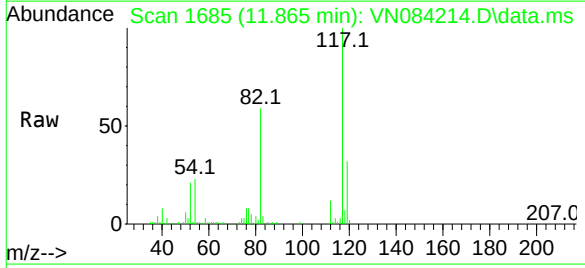
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 264820
Ion Ratio Lower Upper
117 100
82 59.0 47.2 70.8
119 31.7 25.4 38.0

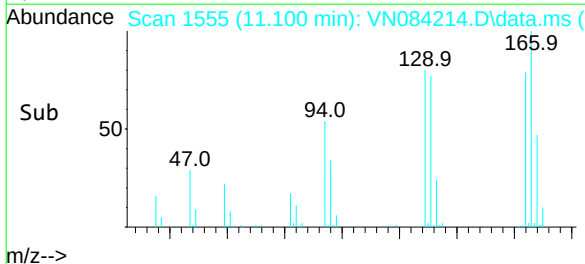
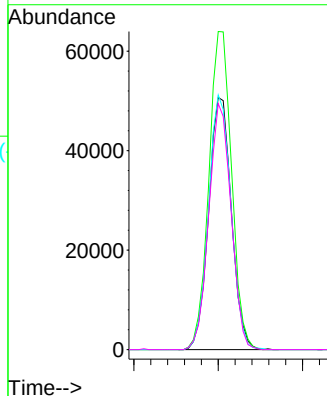
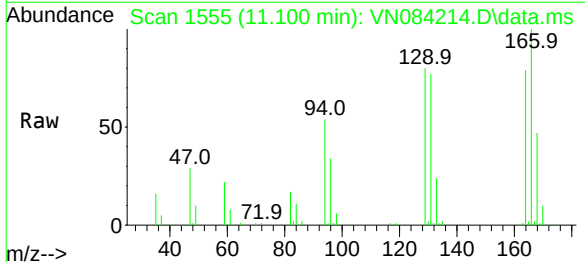
Manual Integrations
APPROVED

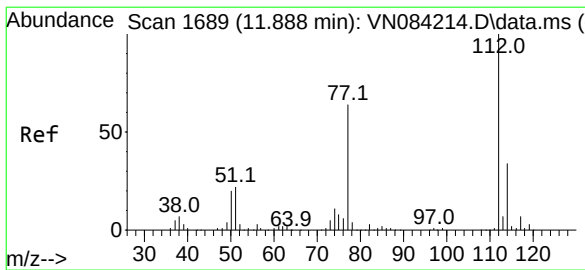
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#64
Tetrachloroethene
Concen: 51.486 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

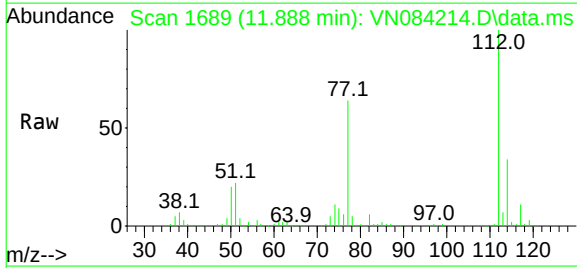
Tgt Ion:164 Resp: 94966
Ion Ratio Lower Upper
164 100
166 126.2 101.0 151.4
129 101.0 80.8 121.2
131 97.6 78.1 117.1





#65
Chlorobenzene
Concen: 52.770 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

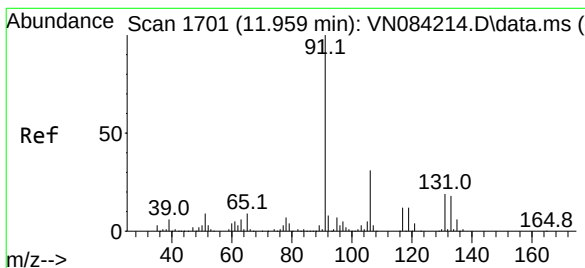
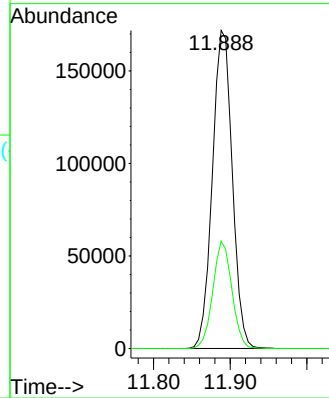
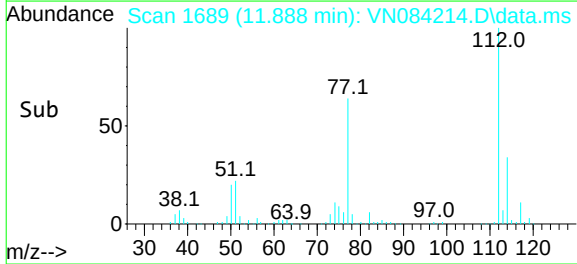
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 309849
Ion Ratio Lower Upper
112 100
114 33.8 27.0 40.6

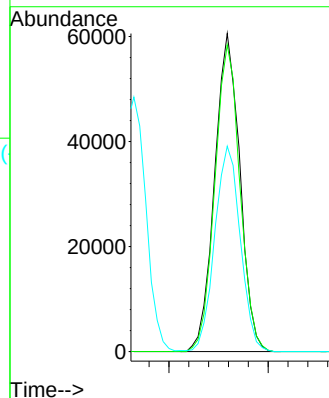
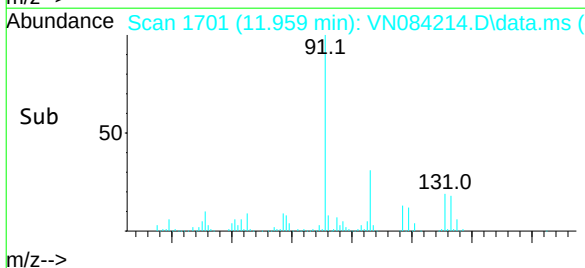
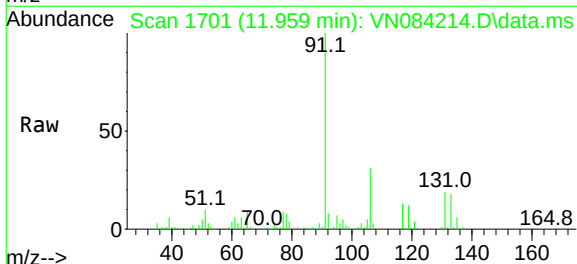
Manual Integrations
APPROVED

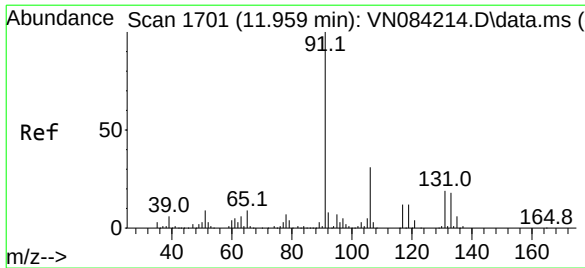
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.897 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion:131 Resp: 106981
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.7
119 65.5 32.8 98.3





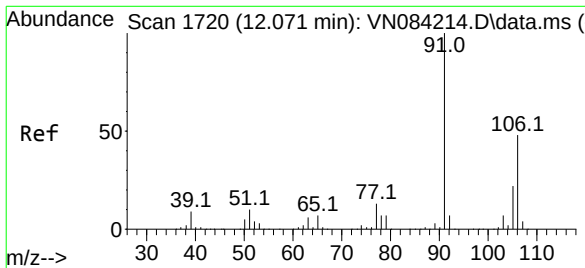
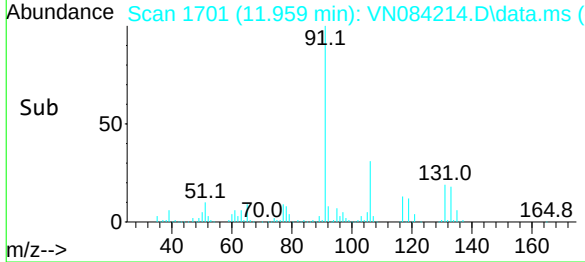
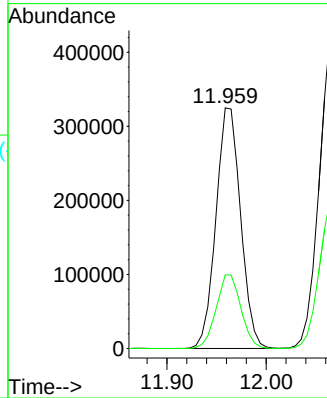
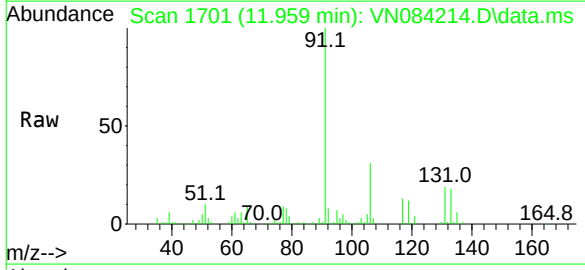
#67
Ethyl Benzene
Concen: 54.100 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 561770
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7

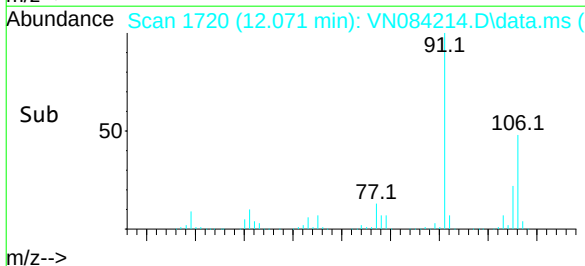
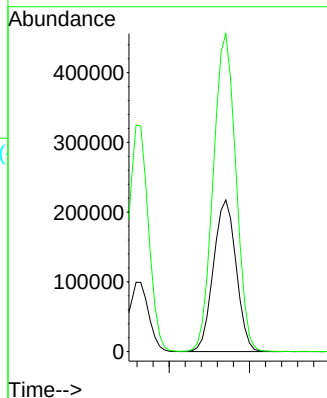
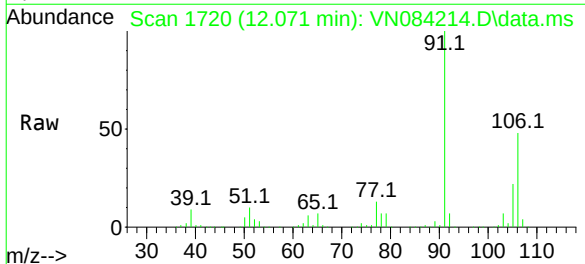
Manual Integrations
APPROVED

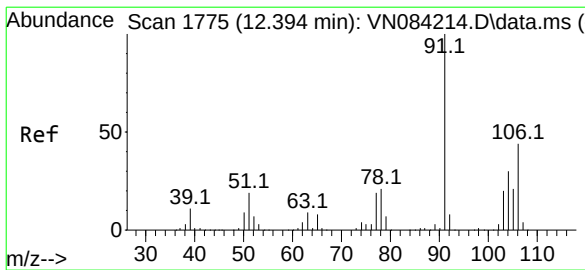
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#68
m/p-Xylenes
Concen: 111.201 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion:106 Resp: 427131
Ion Ratio Lower Upper
106 100
91 208.9 167.1 250.7





#69

o-Xylene

Concen: 56.370 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:106 Resp: 204854

Ion Ratio Lower Upper

106 100

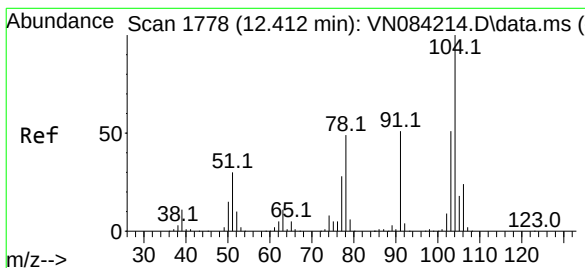
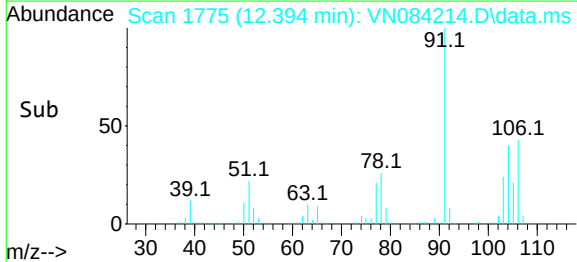
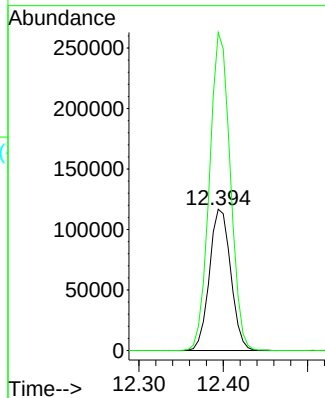
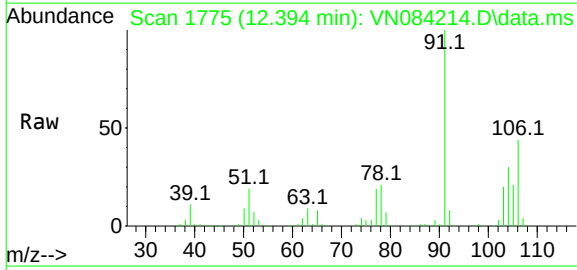
91 220.4 110.2 330.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#70

Styrene

Concen: 56.434 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

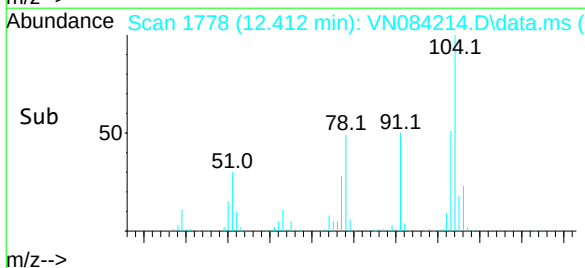
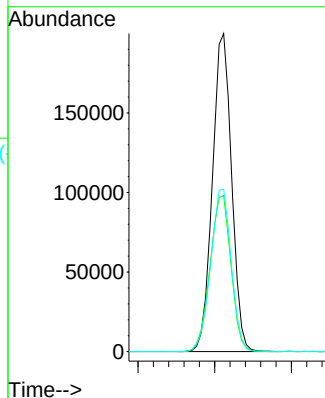
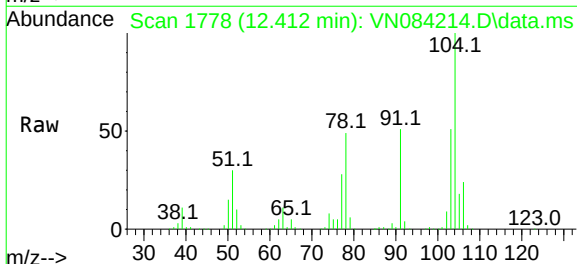
Tgt Ion:104 Resp: 347383

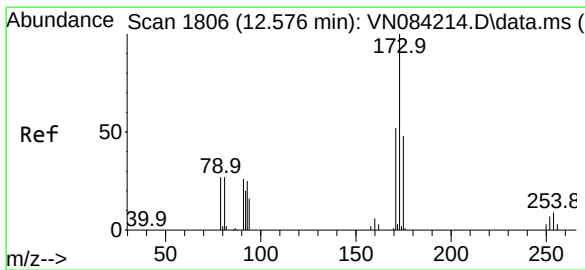
Ion Ratio Lower Upper

104 100

78 53.4 42.7 64.1

103 54.5 43.6 65.4





#71

Bromoform

Concen: 56.070 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

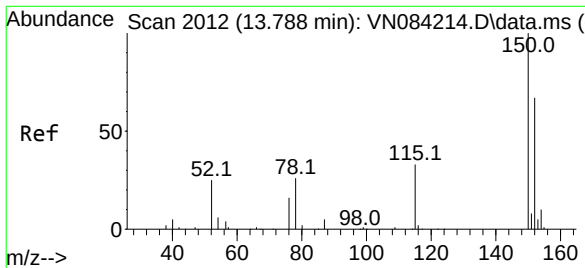
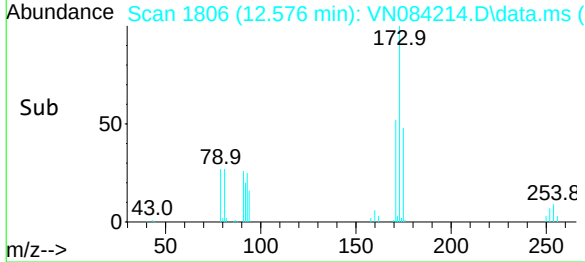
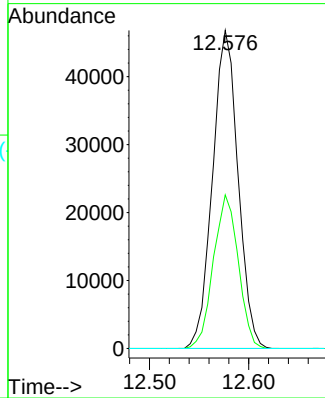
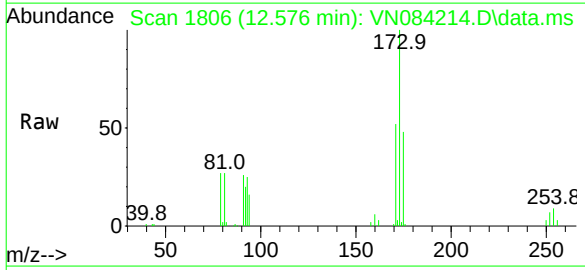
Tgt Ion:	173	Resp:	83487
Ion Ratio	Lower	Upper	
173	100		
175	47.1	23.5	70.6
254	0.0	0.0	0.0

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

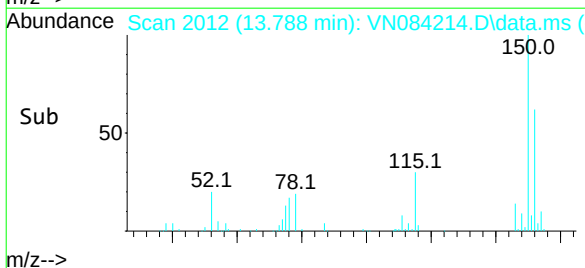
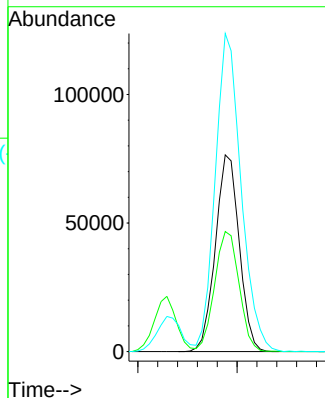
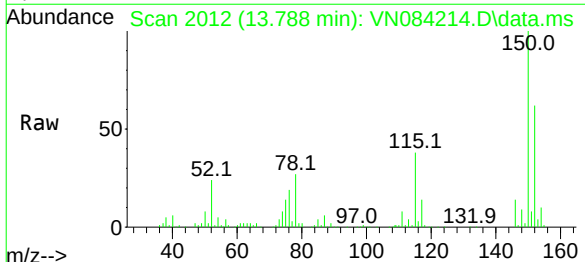
RT: 13.788 min Scan# 2012

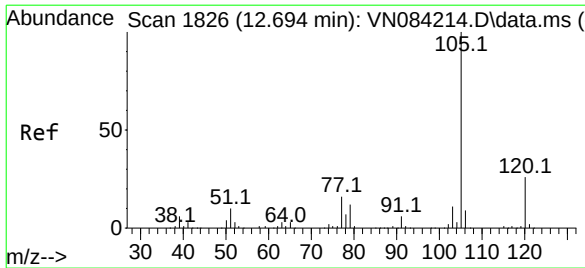
Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Tgt Ion:	152	Resp:	127701
Ion Ratio	Lower	Upper	
152	100		
115	62.6	31.3	93.9
150	174.9	0.0	349.8





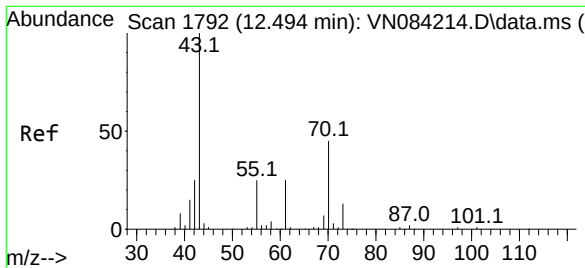
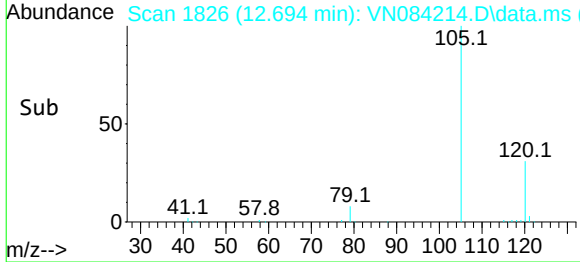
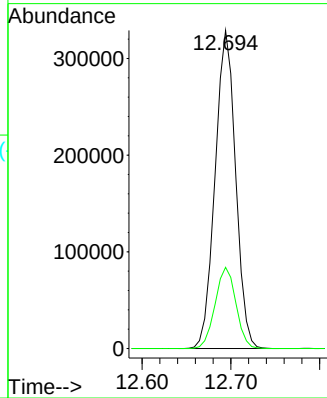
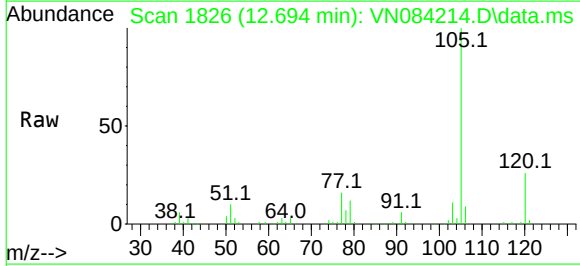
#73
Isopropylbenzene
Concen: 54.145 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 527625
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7

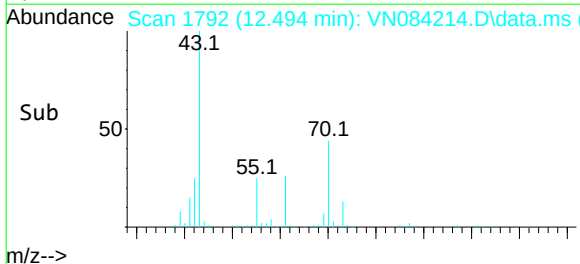
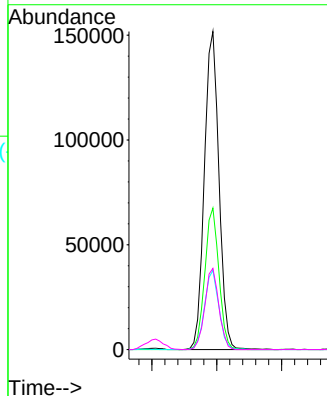
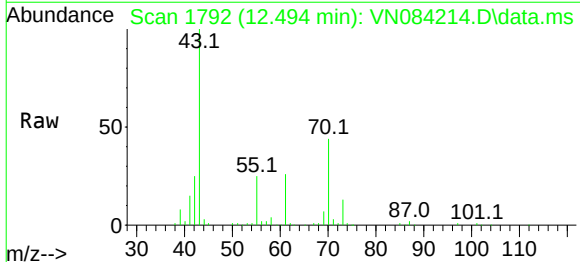
Manual Integrations
APPROVED

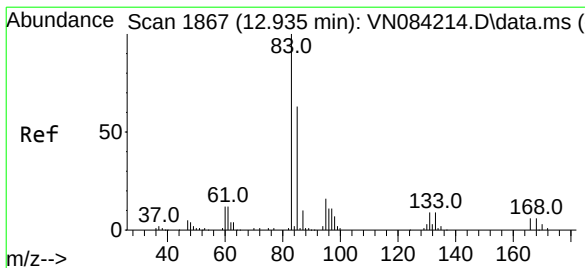
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#74
N-ethyl acetate
Concen: 53.738 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion: 43 Resp: 237131
Ion Ratio Lower Upper
43 100
70 43.0 34.4 51.6
55 24.5 19.6 29.4
61 24.5 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.560 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

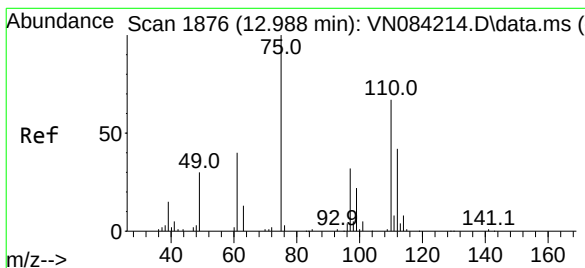
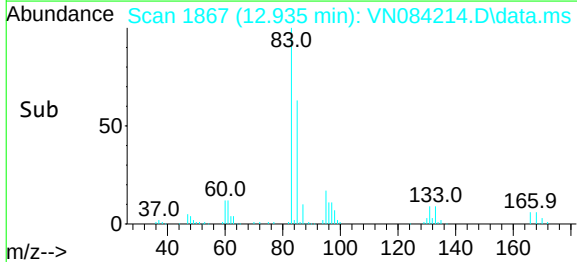
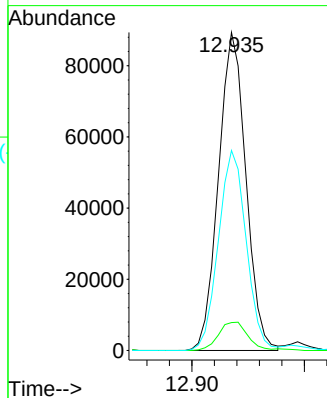
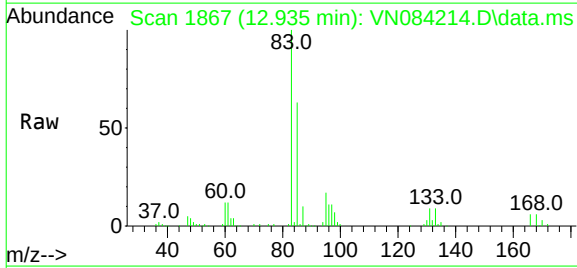
Tgt Ion:	83	Resp:	151079
Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	63.8	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#76

1,2,3-Trichloropropane

Concen: 56.449 ug/l m

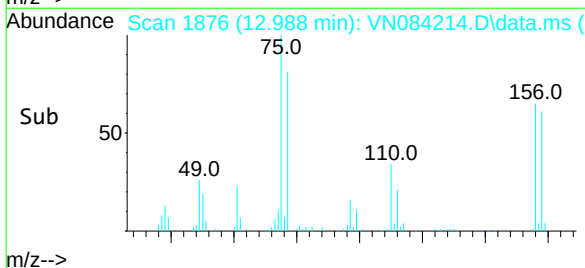
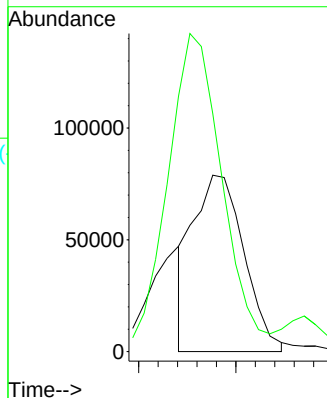
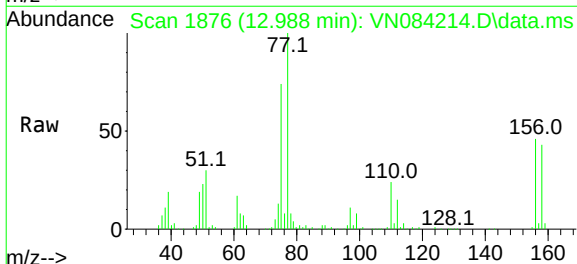
RT: 12.988 min Scan# 1876

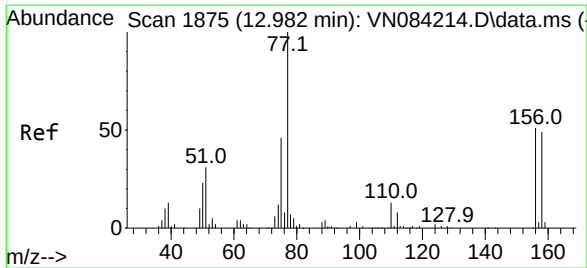
Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

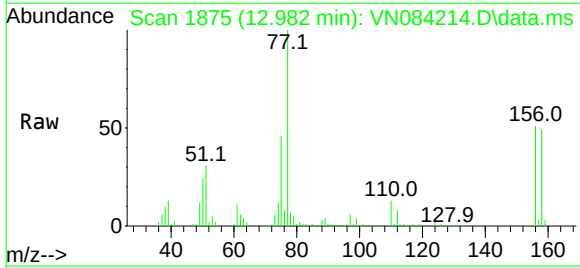
Tgt Ion:	75	Resp:	143676
Ion	Ratio	Lower	Upper
75	100		
77	193.8	96.9	290.7





#77
Bromobenzene
Concen: 51.442 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

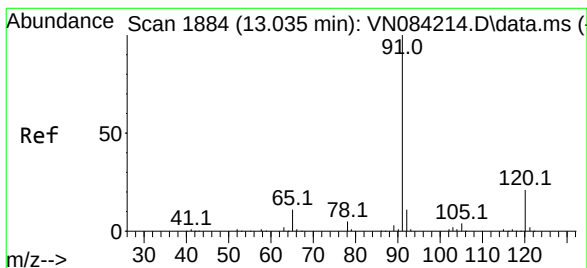
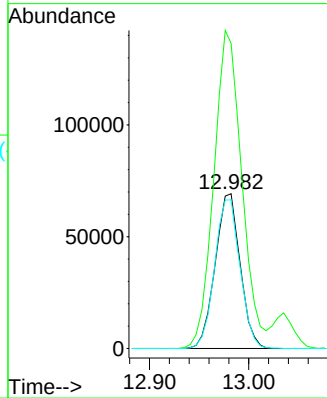
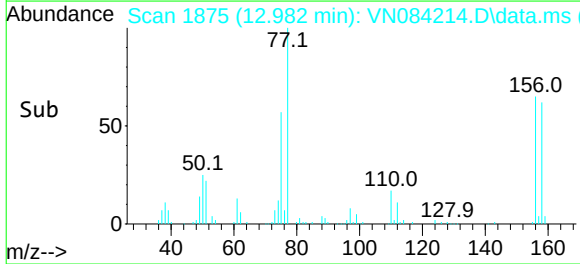
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 156 Resp: 120918
Ion Ratio Lower Upper
156 100
77 230.2 115.1 345.3
158 97.9 48.9 146.8

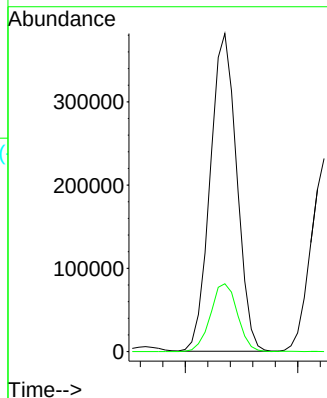
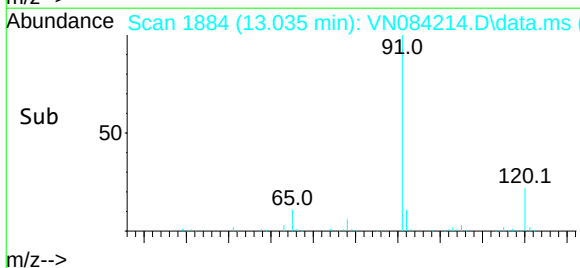
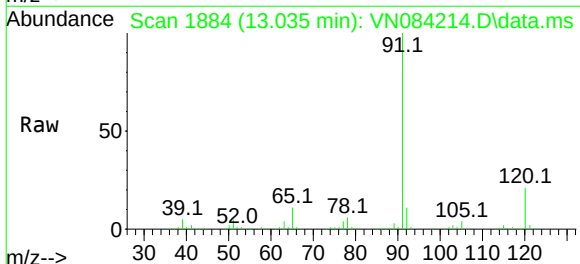
Manual Integrations
APPROVED

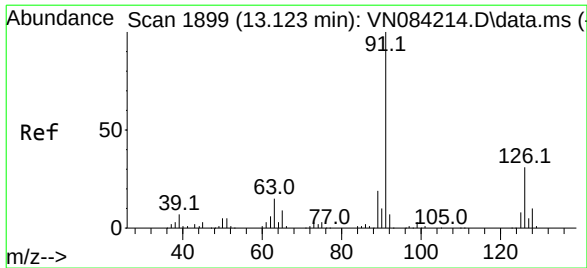
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#78
n-propylbenzene
Concen: 55.490 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion: 91 Resp: 626503
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.4





#79

2-Chlorotoluene

Concen: 53.411 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 384795

Ion Ratio Lower Upper

91 100

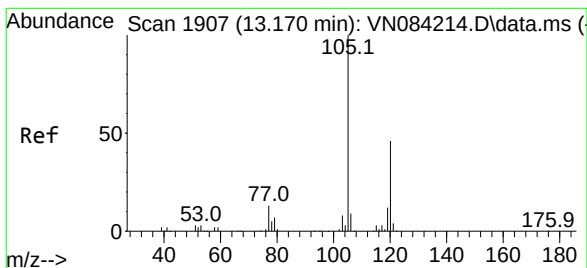
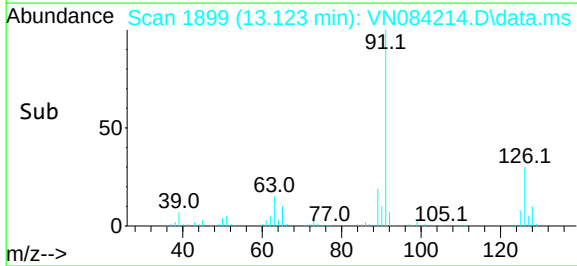
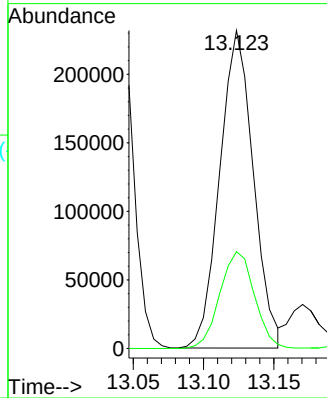
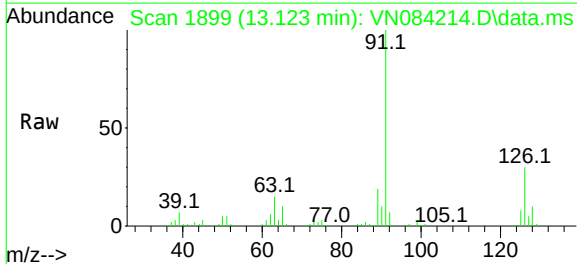
126 31.4 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#80

1,3,5-Trimethylbenzene

Concen: 56.084 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084214.D

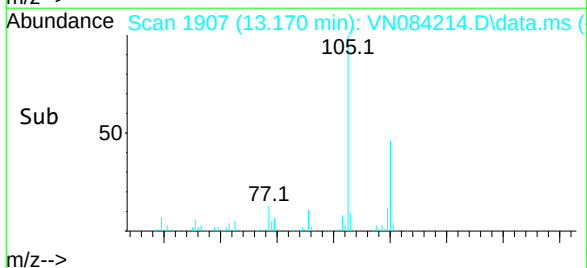
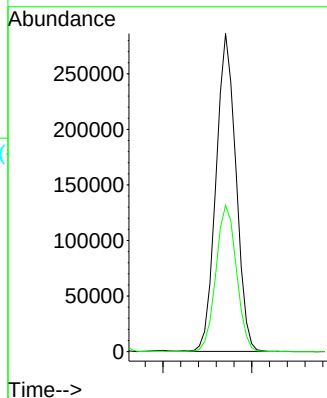
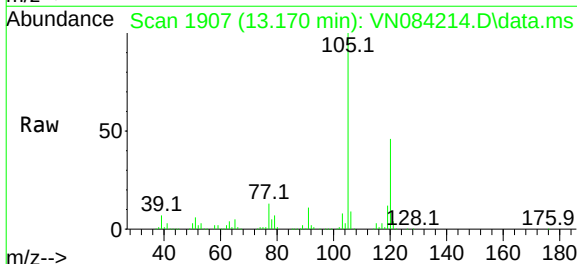
Acq: 30 Sep 2024 12:49

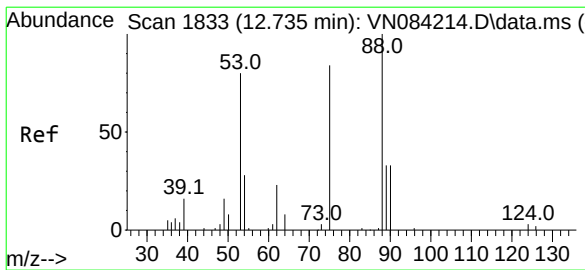
Tgt Ion:105 Resp: 445807

Ion Ratio Lower Upper

105 100

120 47.4 23.7 71.1





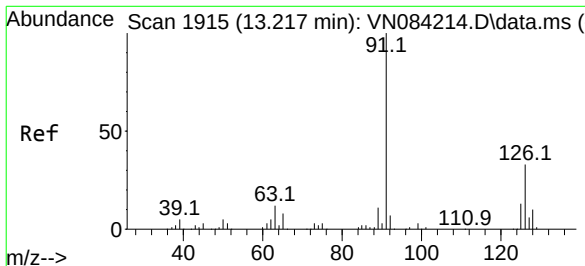
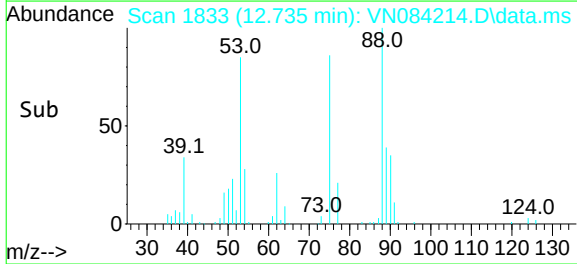
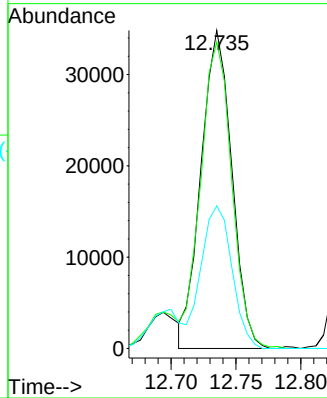
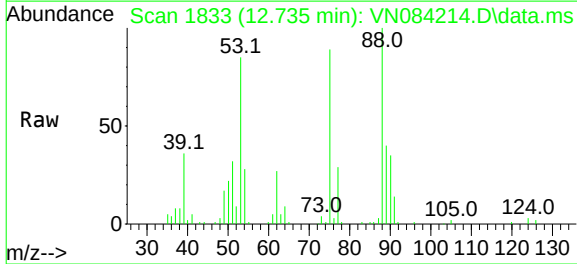
#81
trans-1,4-Dichloro-2-butene
Concen: 52.943 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.5	78.0	117.0
89	44.4	35.5	53.3

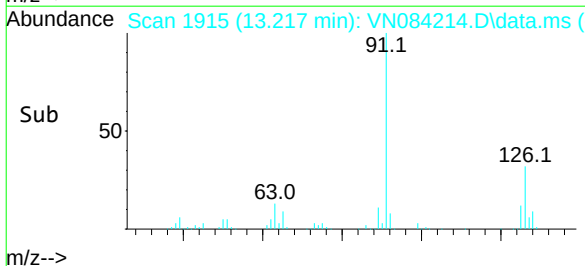
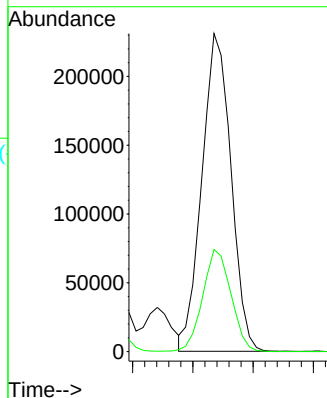
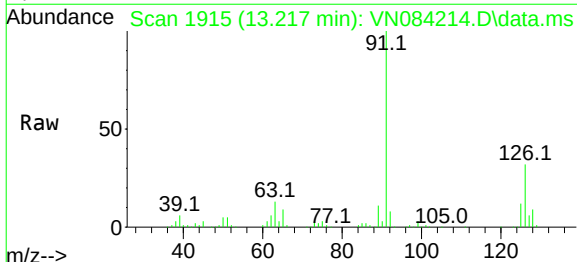
Manual Integrations
APPROVED

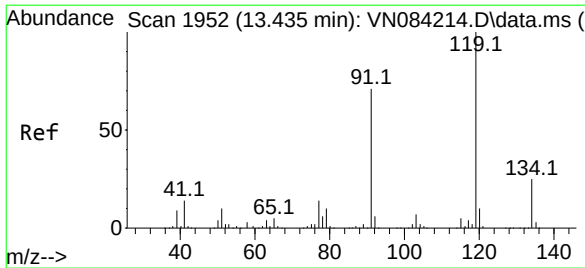
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#82
4-Chlorotoluene
Concen: 53.341 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.7	47.1





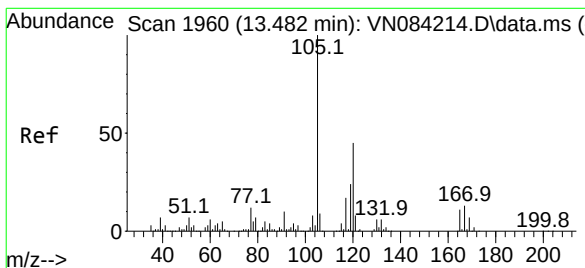
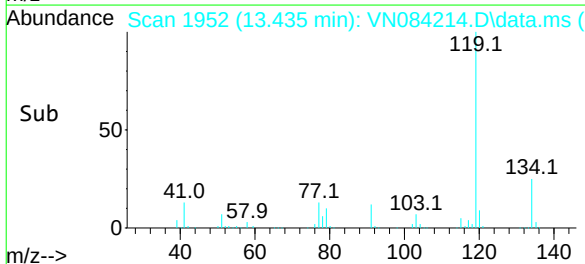
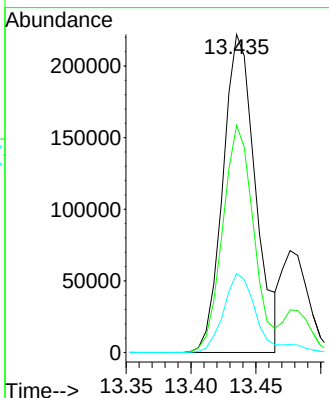
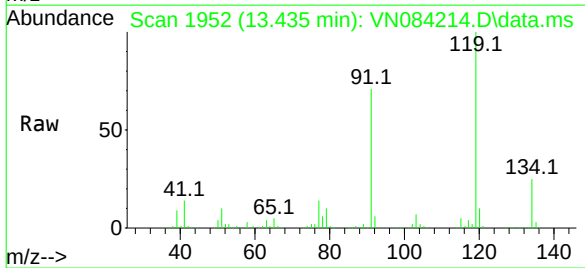
#83
tert-Butylbenzene
Concen: 54.711 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 386532
Ion Ratio Lower Upper
119 100
91 68.2 34.1 102.3
134 25.6 12.8 38.4

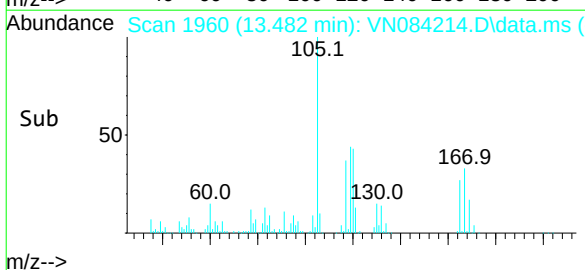
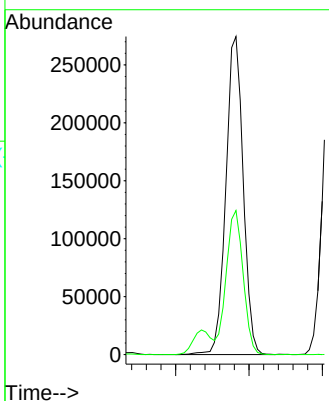
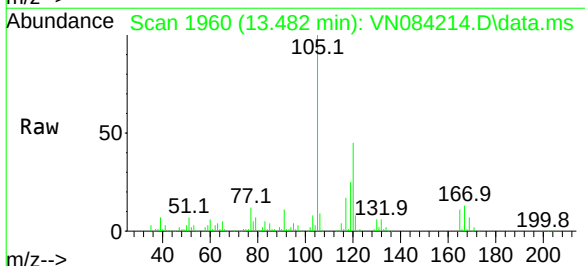
Manual Integrations
APPROVED

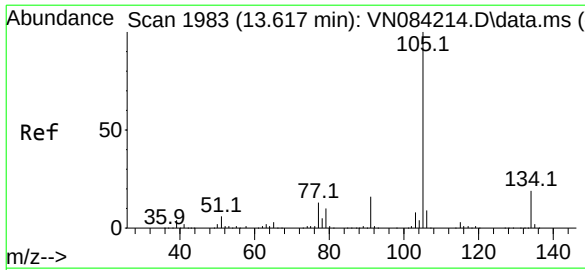
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#84
1,2,4-Trimethylbenzene
Concen: 56.161 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion:105 Resp: 449720
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.8





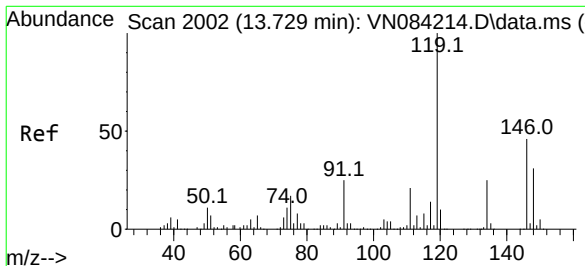
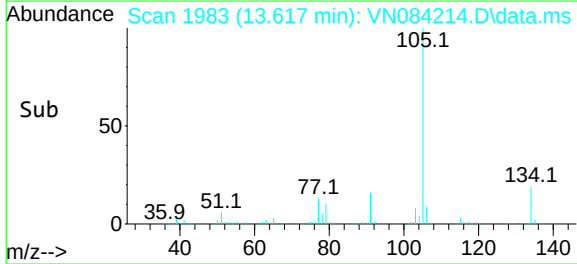
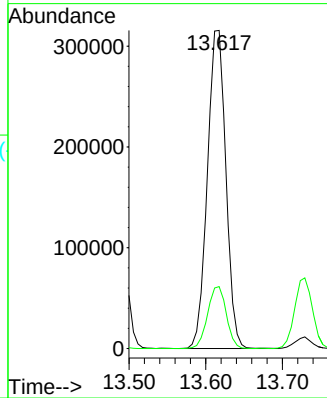
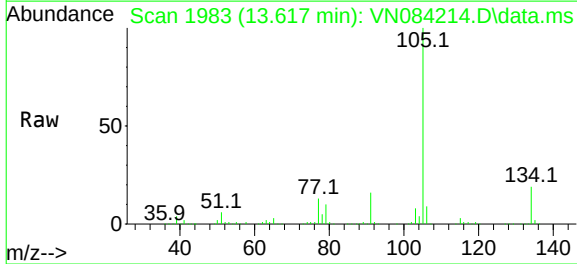
#85
 sec-Butylbenzene
 Concen: 56.119 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN084214.D
 Acq: 30 Sep 2024 12:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 529076
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

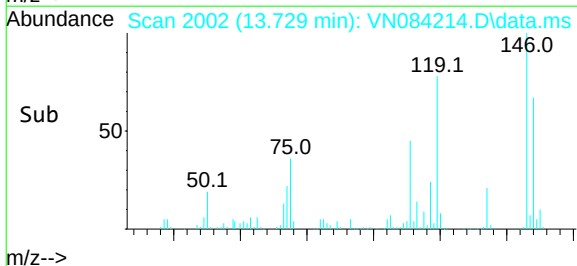
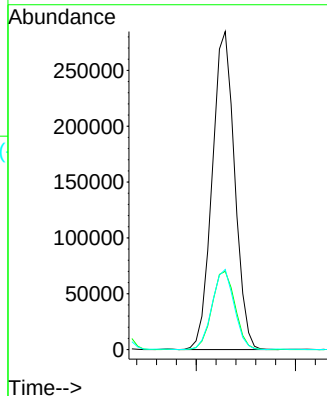
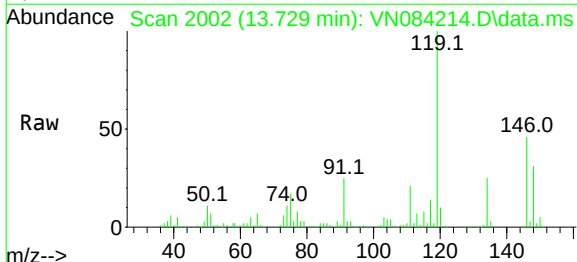
Manual Integrations
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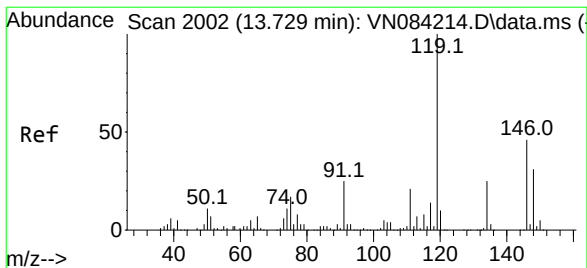
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#86
 p-Isopropyltoluene
 Concen: 57.485 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084214.D
 Acq: 30 Sep 2024 12:49

Tgt Ion:119 Resp: 448148
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 24.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 51.755 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

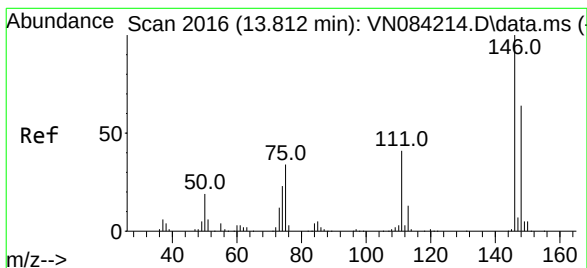
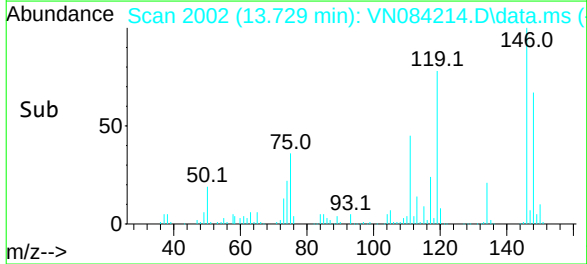
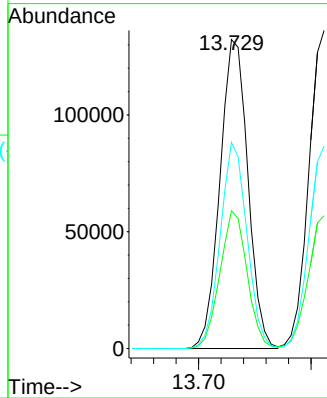
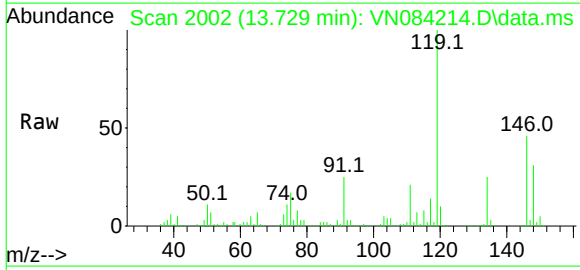
Tgt Ion:	146	Resp:	228219
Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.8	65.3
148	63.8	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#88

1,4-Dichlorobenzene

Concen: 51.163 ug/l

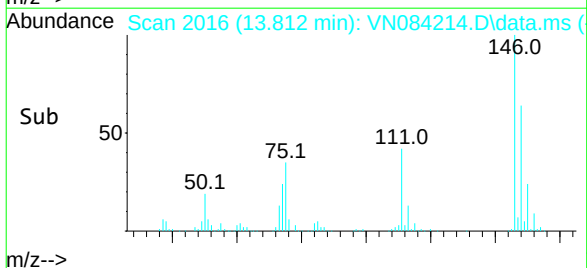
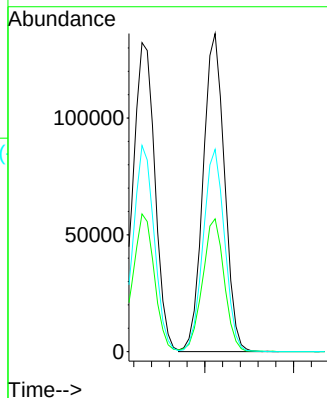
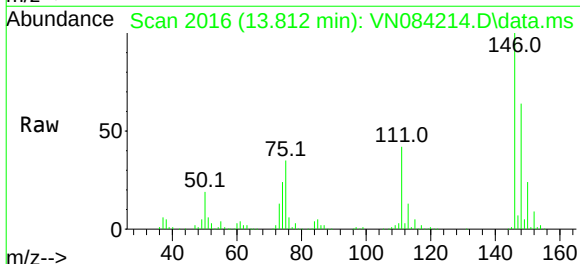
RT: 13.812 min Scan# 2016

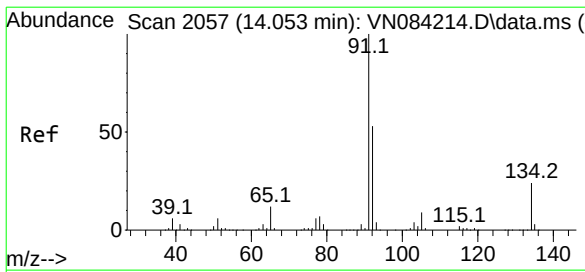
Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Tgt Ion:	146	Resp:	227835
Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.2	63.6
148	63.9	31.9	95.9





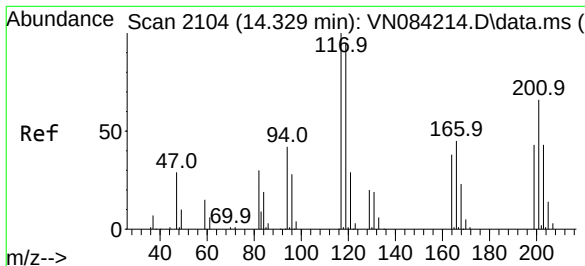
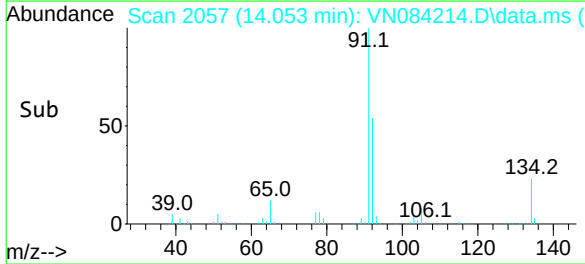
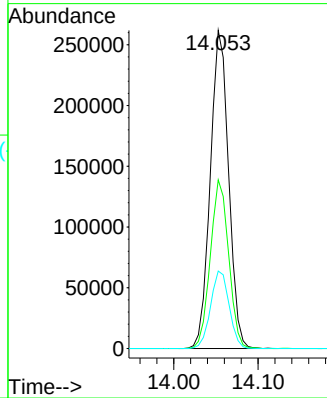
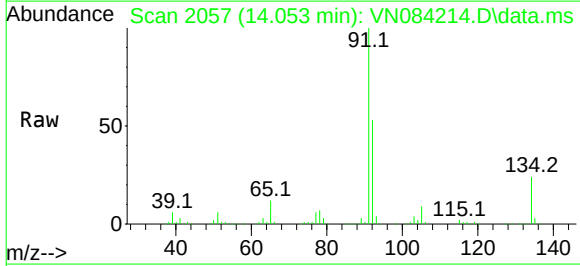
#89
n-Butylbenzene
Concen: 55.854 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:	91	Resp:	394831
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.7
134	24.6	12.3	36.9

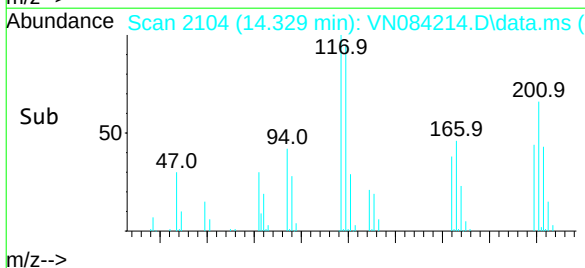
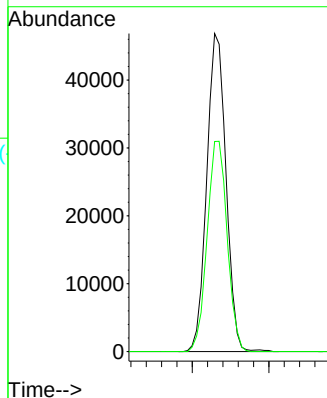
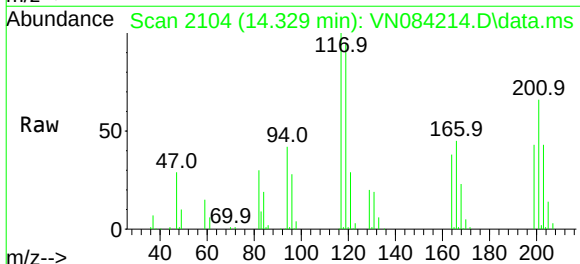
Manual Integrations
APPROVED

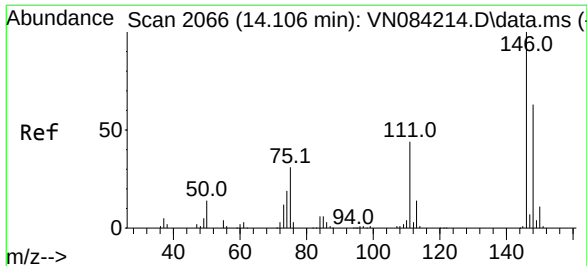
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#90
Hexachloroethane
Concen: 51.582 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084214.D
Acq: 30 Sep 2024 12:49

Tgt Ion:	117	Resp:	81626
Ion	Ratio	Lower	Upper
117	100		
201	68.8	34.4	103.2





#91

1,2-Dichlorobenzene

Concen: 50.506 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

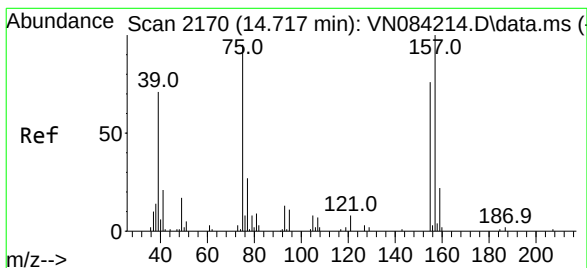
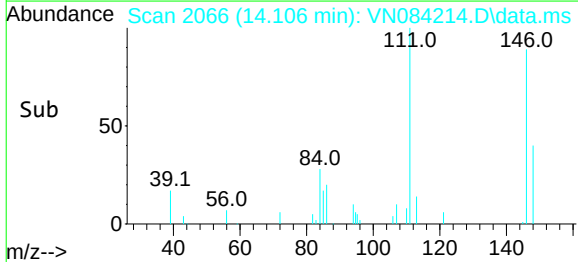
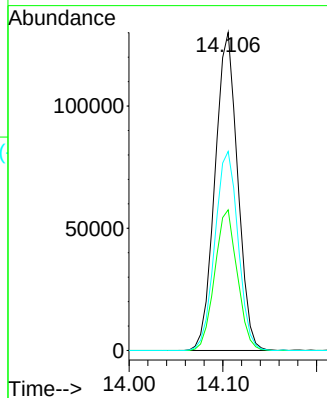
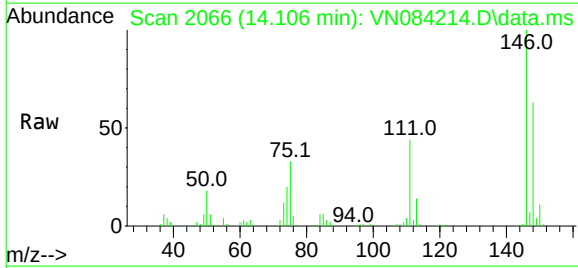
Tgt Ion:	146	Resp:	218378
Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.0	66.0
148	64.2	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.241 ug/l

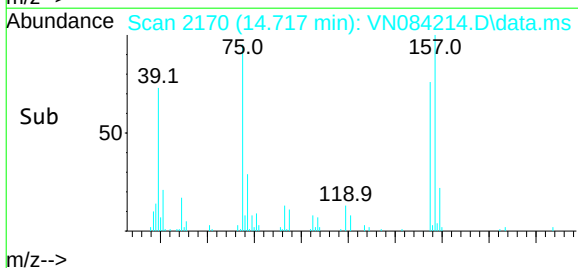
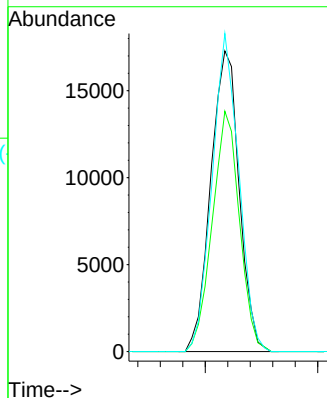
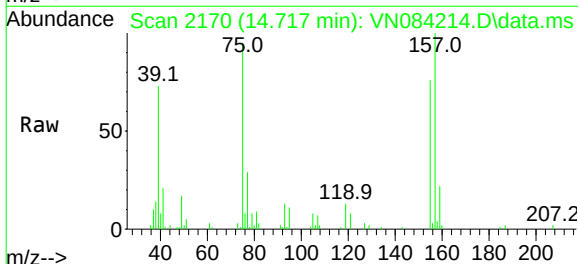
RT: 14.717 min Scan# 2170

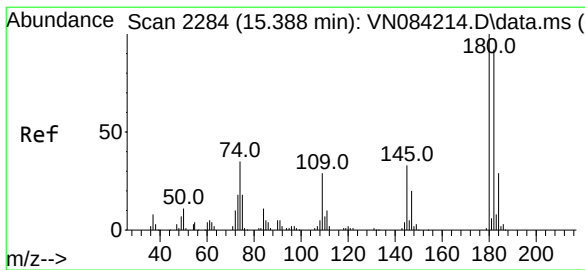
Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Tgt Ion:	75	Resp:	30379
Ion	Ratio	Lower	Upper
75	100		
155	76.3	38.1	114.5
157	99.3	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 55.953 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

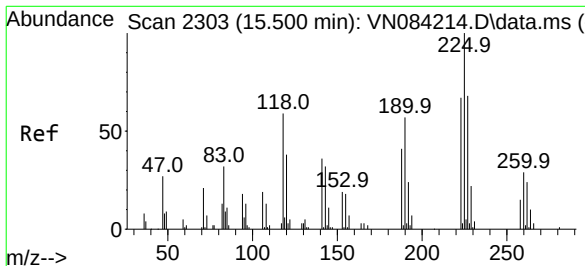
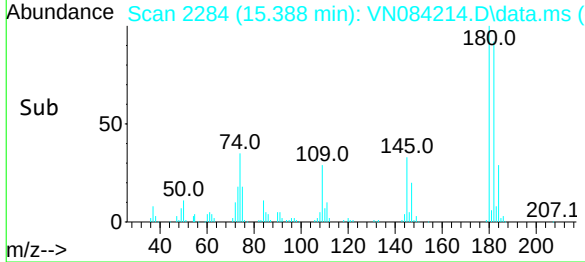
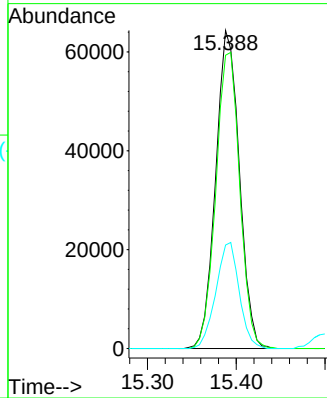
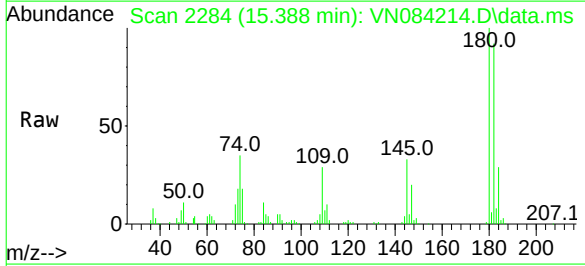
Tgt Ion:	180	Resp:	119164
Ion Ratio	Lower	Upper	
180	100		
182	94.0	47.0	141.0
145	32.9	16.4	49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#94

Hexachlorobutadiene

Concen: 47.718 ug/l

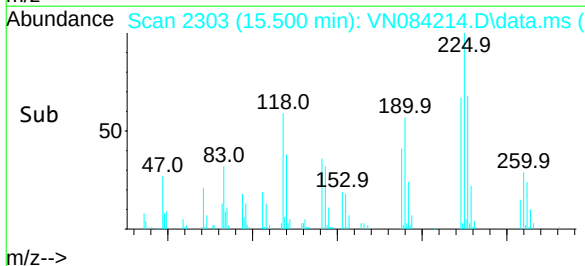
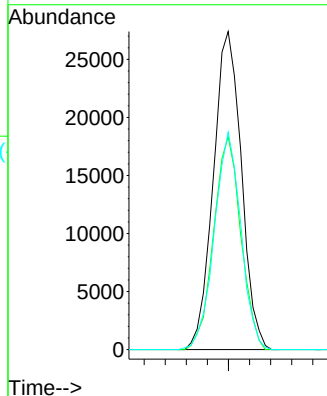
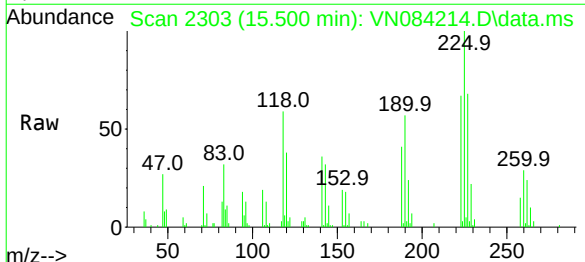
RT: 15.500 min Scan# 2303

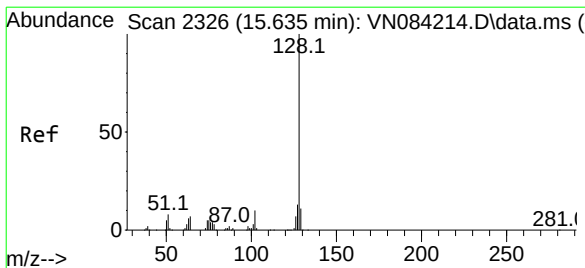
Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Tgt Ion:	225	Resp:	50680
Ion Ratio	Lower	Upper	
225	100		
223	64.8	32.4	97.2
227	64.7	32.4	97.0





#95

Naphthalene

Concen: 55.688 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

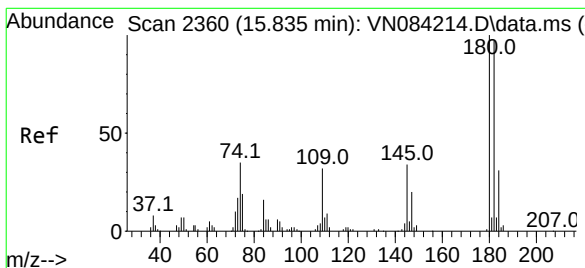
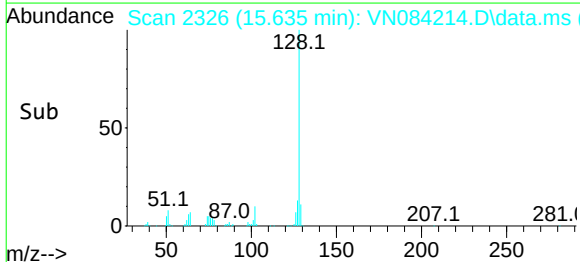
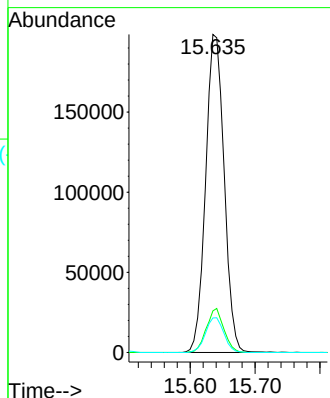
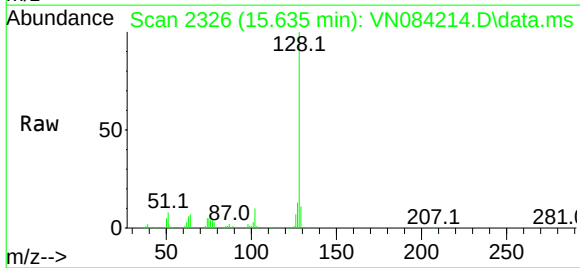
Tgt Ion:	128	Resp:	393177
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#96

1,2,3-Trichlorobenzene

Concen: 53.701 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084214.D

Acq: 30 Sep 2024 12:49

Tgt Ion:	180	Resp:	114483
Ion Ratio	Lower	Upper	
180	100		
182	96.4	48.2	144.6
145	34.6	17.3	51.9

