

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084212.D
 Acq On : 30 Sep 2024 11:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 01 07:14:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	166706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	123066	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.576	65	107898	43.653	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.300%
35) Dibromofluoromethane	8.165	113	86084	46.660	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.320%
50) Toluene-d8	10.565	98	303912	44.774	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.540%
62) 4-Bromofluorobenzene	12.847	95	123082	49.774	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.540%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	124897	63.339	ug/l	93
3) Chloromethane	2.359	50	131798	58.537	ug/l	96
4) Vinyl Chloride	2.518	62	133818	61.358	ug/l	98
5) Bromomethane	2.947	94	81538	56.680	ug/l	97
6) Chloroethane	3.118	64	80741	51.693	ug/l	97
7) Trichlorofluoromethane	3.494	101	208374	61.356	ug/l	97
8) Diethyl Ether	3.959	74	74772	59.363	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	118194	60.738	ug/l	99
10) Methyl Iodide	4.583	142	156205	62.332	ug/l	97
11) Tert butyl alcohol	5.518	59	106890	262.263	ug/l	99
12) 1,1-Dichloroethene	4.341	96	113152	60.284	ug/l	95
13) Acrolein	4.177	56	102393	218.838	ug/l	100
14) Allyl chloride	5.018	41	191705	58.809	ug/l	100
15) Acrylonitrile	5.718	53	290704	282.450	ug/l	99
16) Acetone	4.424	43	305605	287.817	ug/l	100
17) Carbon Disulfide	4.712	76	333196	56.068	ug/l	99
18) Methyl Acetate	5.024	43	151812	65.598	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	389712	61.516	ug/l	98
20) Methylene Chloride	5.277	84	128284	59.434	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	116875	59.434	ug/l	93
22) Diisopropyl ether	6.671	45	423186	62.761	ug/l	98
23) Vinyl Acetate	6.600	43	2164753	432.857	ug/l	99
24) 1,1-Dichloroethane	6.565	63	231160	61.304	ug/l	98
25) 2-Butanone	7.482	43	404423	279.647	ug/l	100
26) 2,2-Dichloropropane	7.488	77	211222	62.127	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	143651	60.452	ug/l	100
28) Bromochloromethane	7.812	49	76536	45.492	ug/l	99
29) Tetrahydrofuran	7.835	42	252749	283.202	ug/l	99
30) Chloroform	7.965	83	234151	59.781	ug/l	99
31) Cyclohexane	8.259	56	200946	54.886	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	214098	60.863	ug/l	99
36) 1,1-Dichloropropene	8.371	75	170251	63.531	ug/l	100
37) Ethyl Acetate	7.559	43	162501	59.107	ug/l	99
38) Carbon Tetrachloride	8.359	117	184903	62.900	ug/l	95
39) Methylcyclohexane	9.600	83	201618	67.599	ug/l	99
40) Benzene	8.606	78	518277	62.073	ug/l	100

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Manual Integrations
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Quant Time: Oct 01 07:14:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	88024	58.975	ug/l	96
42) 1,2-Dichloroethane	8.671	62	175984	62.172	ug/l	100
43) Isopropyl Acetate	8.688	43	293707	54.542	ug/l	99
44) Trichloroethene	9.353	130	121115	62.107	ug/l	100
45) 1,2-Dichloropropane	9.618	63	126817	64.206	ug/l	100
46) Dibromomethane	9.706	93	85203	63.923	ug/l	98
47) Bromodichloromethane	9.888	83	188325	63.595	ug/l	99
48) Methyl methacrylate	9.682	41	136955	63.889	ug/l	98
49) 1,4-Dioxane	9.694	88	44301	1122.554	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	809070	309.136	ug/l	100
52) Toluene	10.629	92	321754	63.194	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	199861	66.209	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	212493	65.445	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	115559	63.311	ug/l	96
56) Ethyl methacrylate	10.870	69	202395	67.389	ug/l	98
57) 1,3-Dichloropropane	11.159	76	205633	63.049	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	378764	271.858	ug/l	99
59) 2-Hexanone	11.194	43	612607	313.173	ug/l	99
60) Dibromochloromethane	11.359	129	139016	64.461	ug/l	99
61) 1,2-Dibromoethane	11.465	107	117475	61.940	ug/l	100
64) Tetrachloroethene	11.100	164	105139	60.729	ug/l	98
65) Chlorobenzene	11.888	112	337364	61.213	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	119934	63.180	ug/l	99
67) Ethyl Benzene	11.964	91	625961	64.224	ug/l	100
68) m/p-Xylenes	12.070	106	471405	130.753	ug/l	100
69) o-Xylene	12.394	106	224628	65.853	ug/l	99
70) Styrene	12.412	104	389591	67.430	ug/l	100
71) Bromoform	12.576	173	90114	64.478	ug/l #	98
73) Isopropylbenzene	12.694	105	581439	61.914	ug/l	100
74) N-amyl acetate	12.494	43	251246	59.081	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	159400	56.448	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	138824m	55.255	ug/l	
77) Bromobenzene	12.982	156	135396	59.771	ug/l	96
78) n-propylbenzene	13.035	91	700020	64.337	ug/l	99
79) 2-Chlorotoluene	13.123	91	421082	60.649	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	490588	64.042	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	68594	65.455	ug/l	92
82) 4-Chlorotoluene	13.217	91	429939	61.515	ug/l	100
83) tert-Butylbenzene	13.435	119	423969	62.270	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	497957	64.527	ug/l	98
85) sec-Butylbenzene	13.617	105	591966	65.155	ug/l	99
86) p-Isopropyltoluene	13.729	119	499315	66.460	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	253703	59.701	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	253675	59.112	ug/l	99
89) n-Butylbenzene	14.053	91	448267	65.801	ug/l	100
90) Hexachloroethane	14.335	117	91397	59.932	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	242185	58.121	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32062	55.021	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	129434	63.064	ug/l	100
94) Hexachlorobutadiene	15.500	225	57268	55.951	ug/l	99
95) Naphthalene	15.641	128	410686	60.358	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	125687	61.177	ug/l	99

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VSTDCCC050

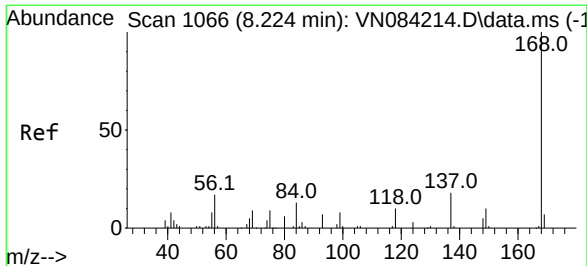
Manual Integrations
APPROVED

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

Quant Time: Oct 01 07:14:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration

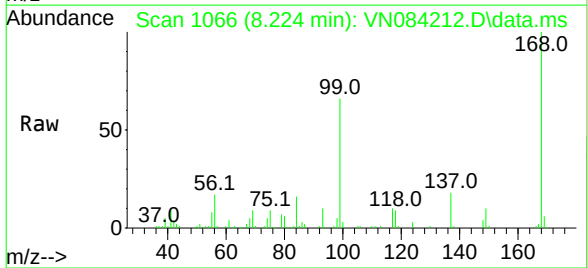
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084212.D
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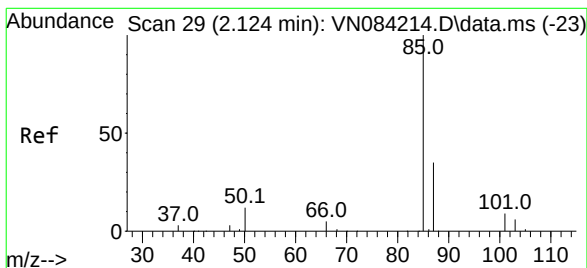
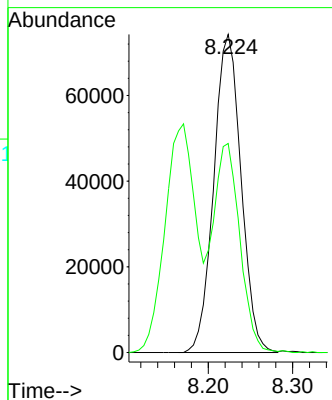
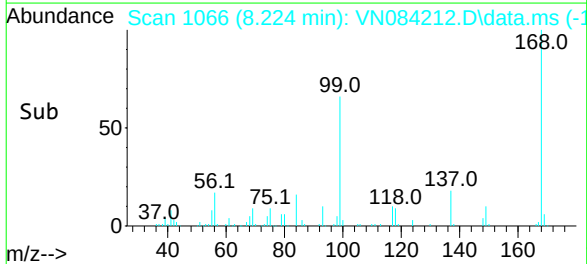
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 166706
Ion Ratio Lower Upper
168 100
99 65.4 54.2 81.2

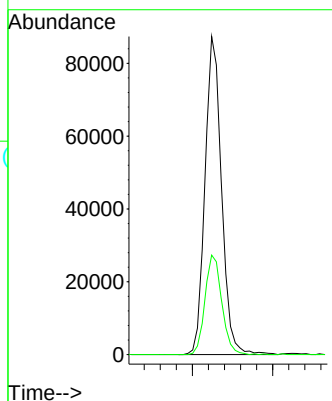
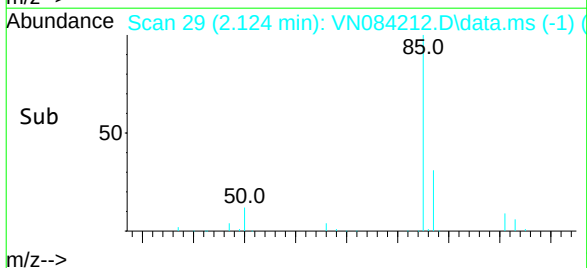
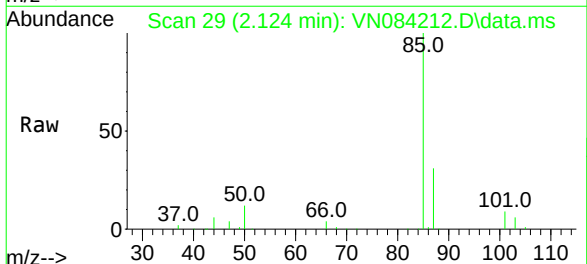
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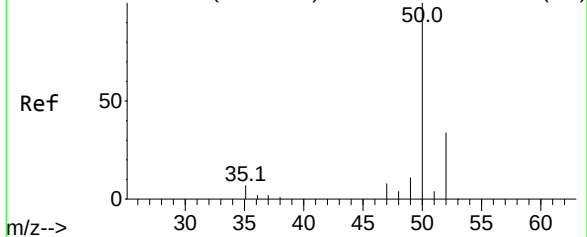


#2
Dichlorodifluoromethane
Concen: 63.339 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion: 85 Resp: 124897
Ion Ratio Lower Upper
85 100
87 31.3 17.6 52.9



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



#3

Chloromethane

Concen: 58.537 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN084212.D

Acq: 30 Sep 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 131798

Ion Ratio Lower Upper

50 100

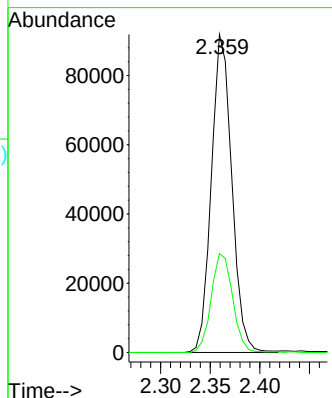
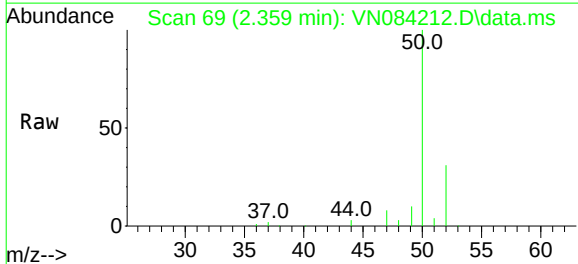
52 31.1 26.8 40.2

Manual Integrations

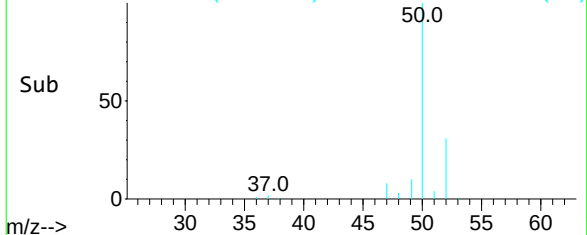
APPROVED

Reviewed By :John Carlone 10/01/2024

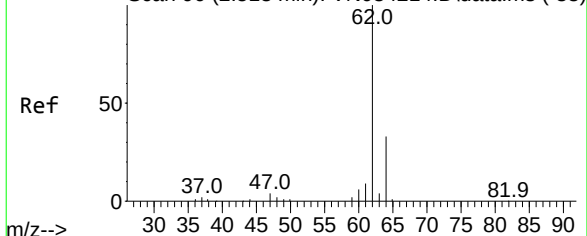
Supervised By :Mahesh Dadoda 10/01/2024



Abundance Scan 69 (2.359 min): VN084212.D\data.ms (-18)



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



#4

Vinyl Chloride

Concen: 61.358 ug/l

RT: 2.518 min Scan# 96

Delta R.T. -0.000 min

Lab File: VN084212.D

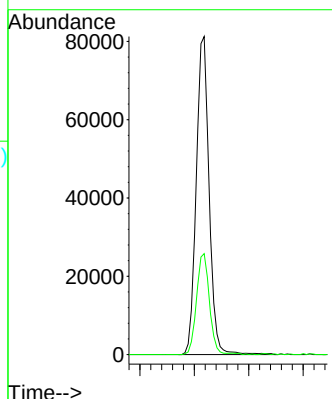
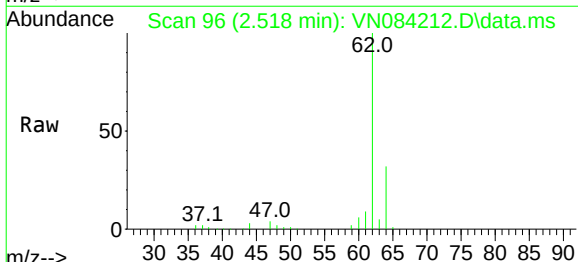
Acq: 30 Sep 2024 11:45

Tgt Ion: 62 Resp: 133818

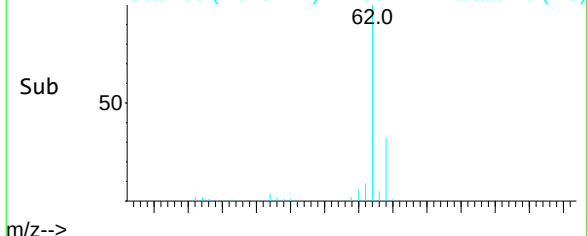
Ion Ratio Lower Upper

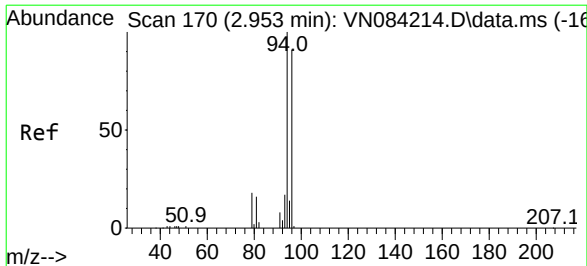
62 100

64 31.7 26.2 39.4



Abundance Scan 96 (2.518 min): VN084212.D\data.ms (-45)





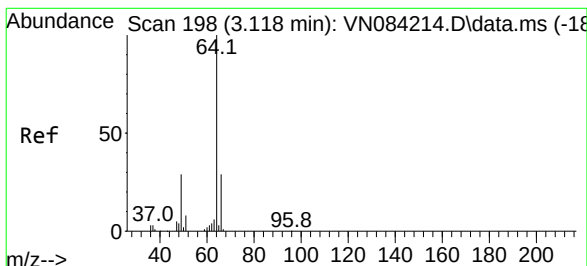
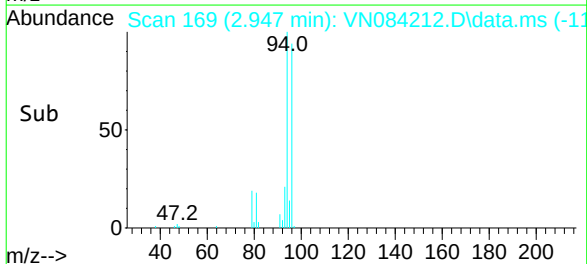
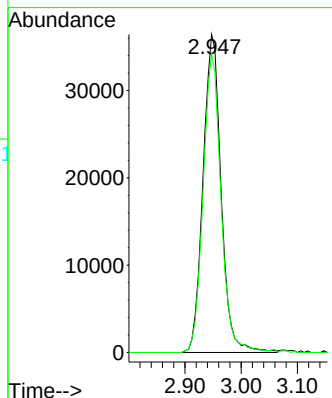
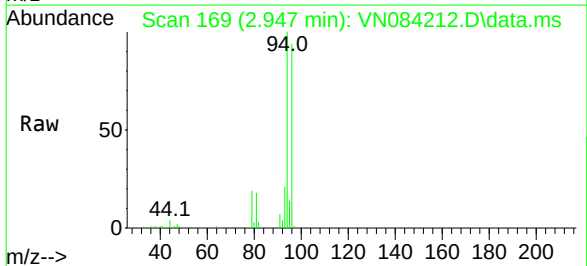
#5
Bromomethane
Concen: 56.680 ug/l
RT: 2.947 min Scan# 16
Delta R.T. -0.006 min
Lab File: VN084212.D
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Tgt Ion: 94 Resp: 81538
Ion Ratio Lower Upper
94 100
96 93.9 72.9 109.3

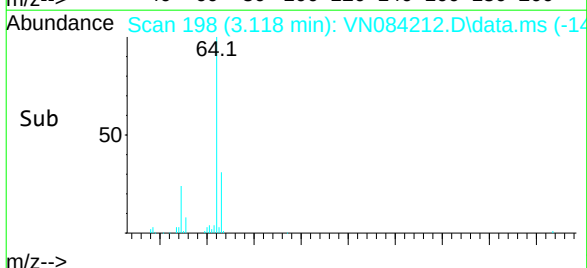
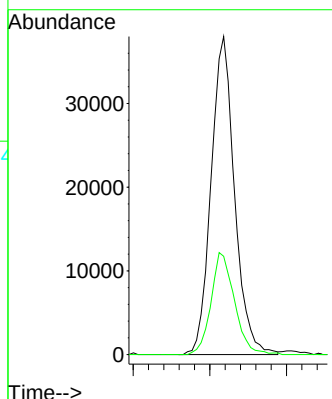
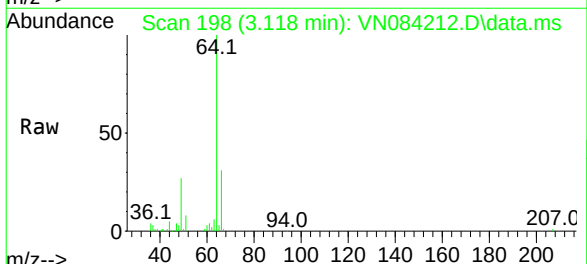
Manual Integrations
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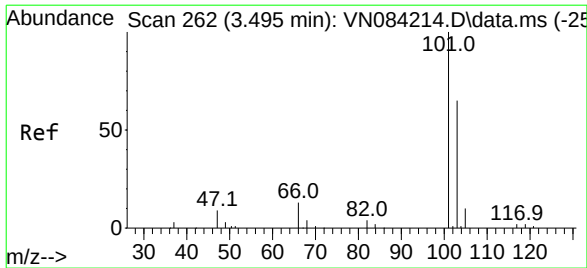
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#6
Chloroethane
Concen: 51.693 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

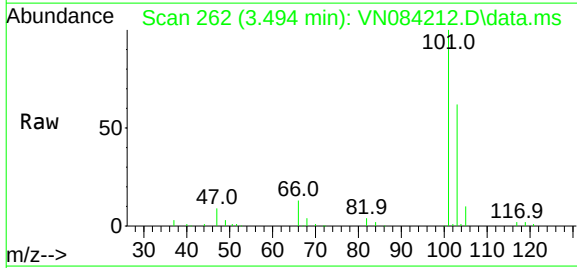
Tgt Ion: 64 Resp: 80741
Ion Ratio Lower Upper
64 100
66 30.9 23.5 35.3





#7
 Trichlorofluoromethane
 Concen: 61.356 ug/l
 RT: 3.494 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN084212.D
 Acq: 30 Sep 2024 11:45

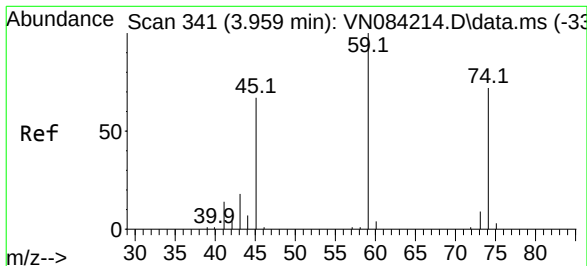
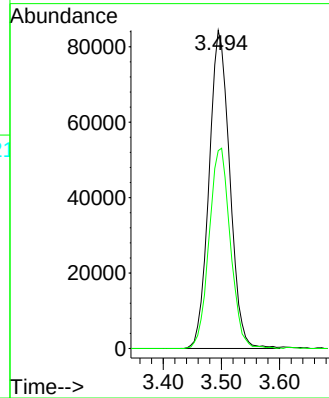
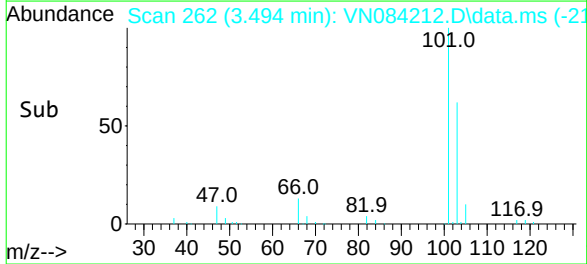
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 101 Resp: 208374
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.8 77.6

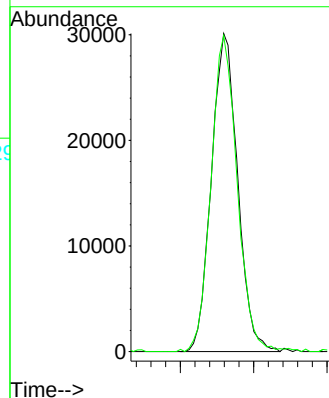
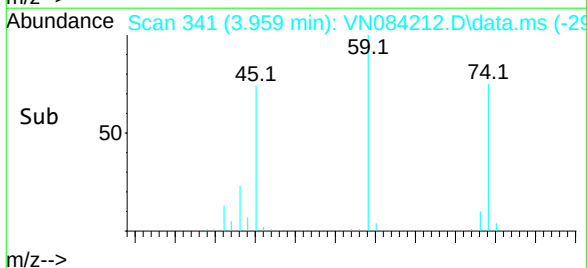
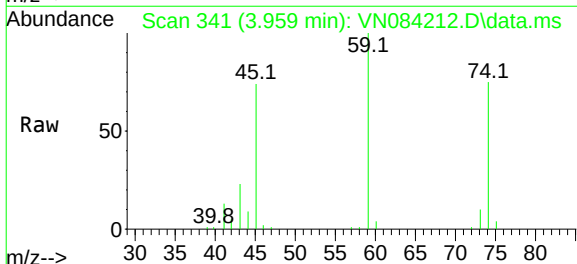
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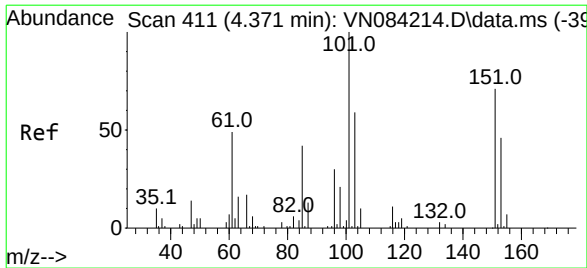
Reviewed By : John Carlone 10/01/2024
 Supervised By : Mahesh Dadoda 10/01/2024



#8
 Diethyl Ether
 Concen: 59.363 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN084212.D
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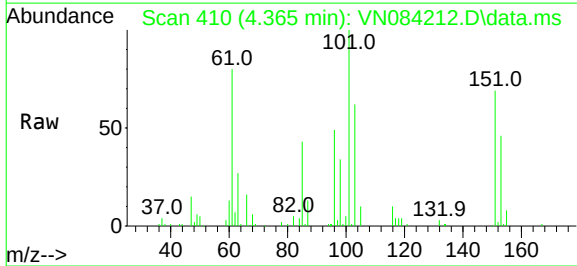
Tgt Ion: 74 Resp: 74772
 Ion Ratio Lower Upper
 74 100
 45 99.2 47.7 143.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.738 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN084212.D
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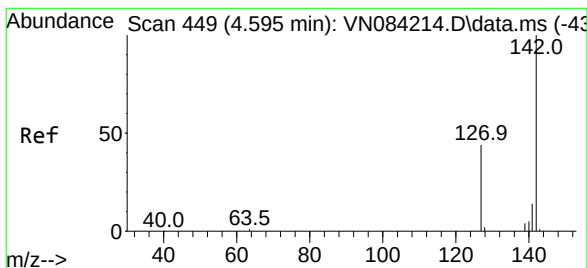
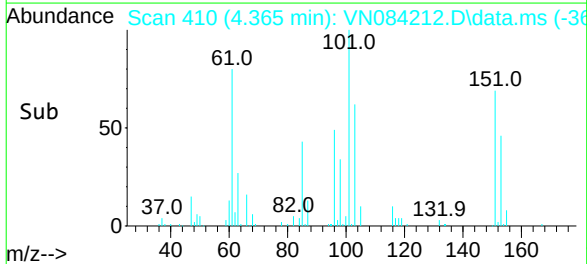
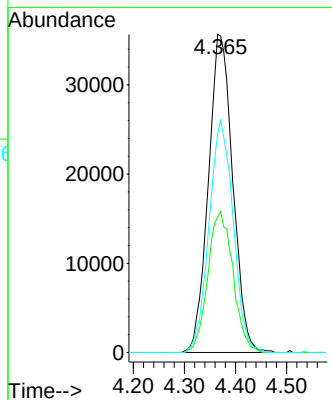
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 118194
Ion Ratio Lower Upper
101 100
85 45.6 36.2 54.4
151 72.6 59.3 88.9

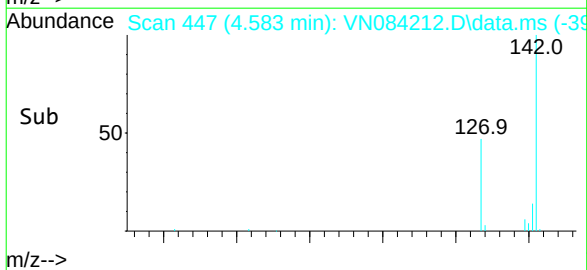
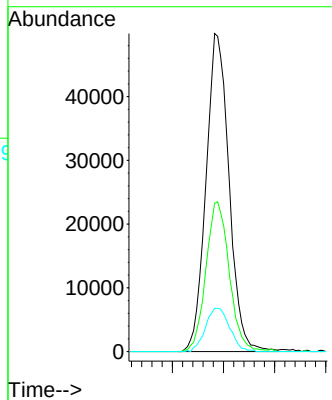
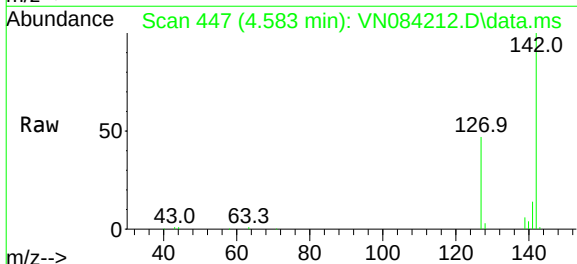
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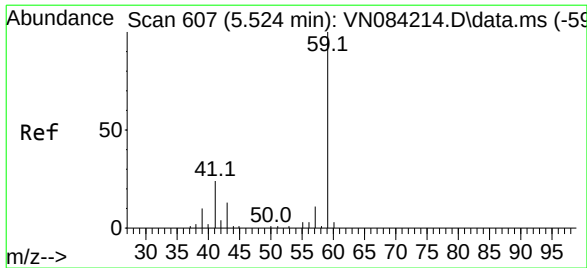
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#10
Methyl Iodide
Concen: 62.332 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion:142 Resp: 156205
Ion Ratio Lower Upper
142 100
127 46.7 35.3 52.9
141 13.6 11.0 16.6





#11

Tert butyl alcohol

Concen: 262.263 ug/l

RT: 5.518 min Scan# 607

Delta R.T. -0.006 min

Lab File: VN084212.D

Acq: 30 Sep 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 106896

Ion Ratio Lower Upper

59 100

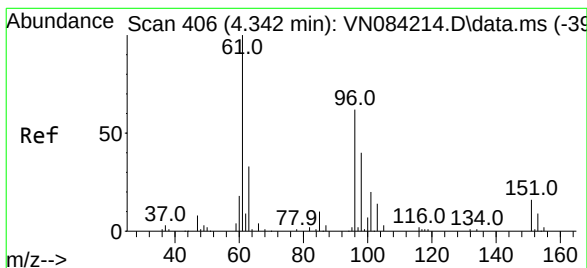
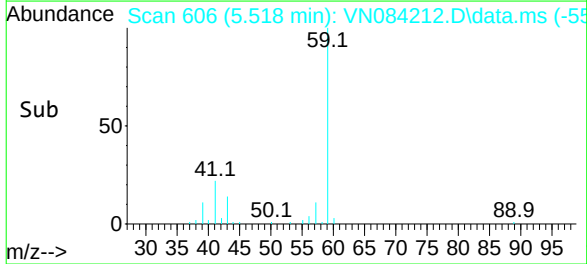
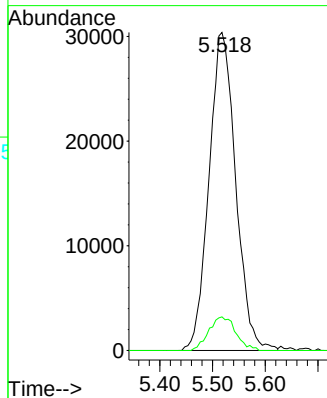
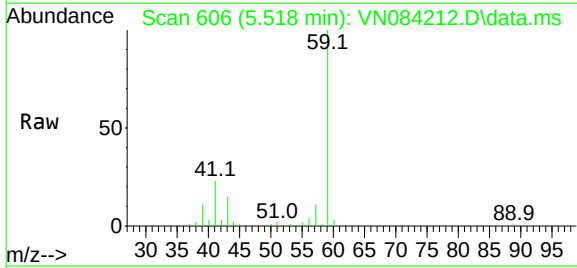
57 10.7 8.2 12.2

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APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#12

1,1-Dichloroethene

Concen: 60.284 ug/l

RT: 4.341 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN084212.D

Acq: 30 Sep 2024 11:45

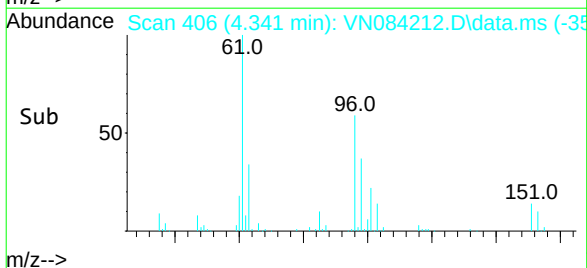
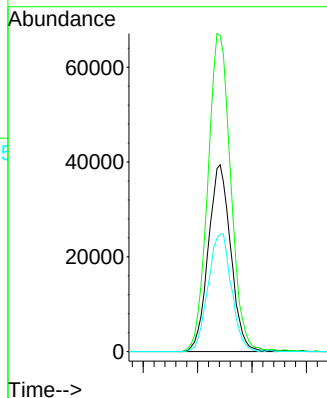
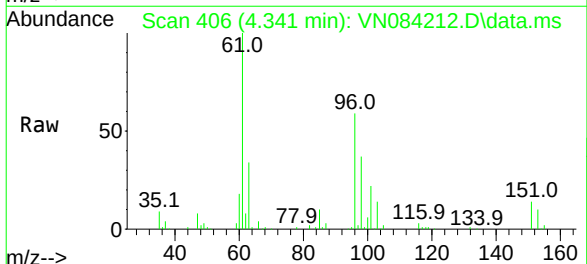
Tgt Ion: 96 Resp: 113152

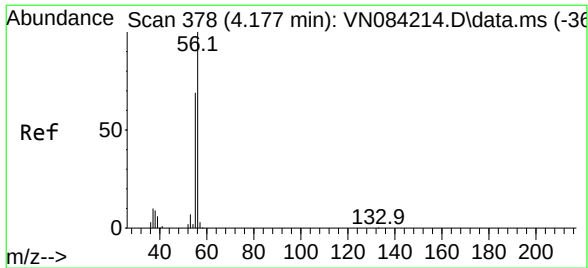
Ion Ratio Lower Upper

96 100

61 169.3 128.6 192.8

98 62.9 51.7 77.5





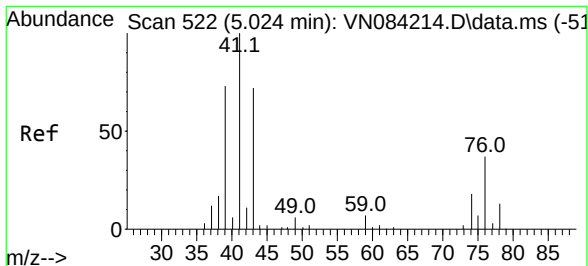
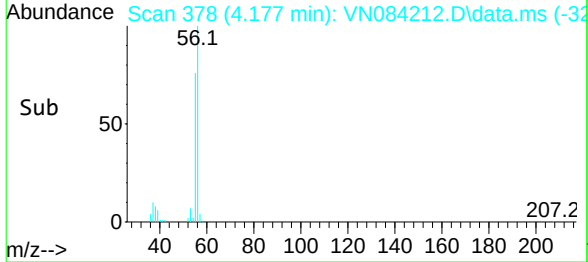
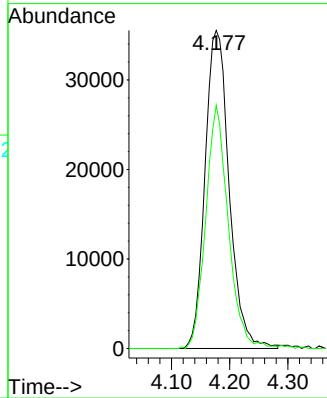
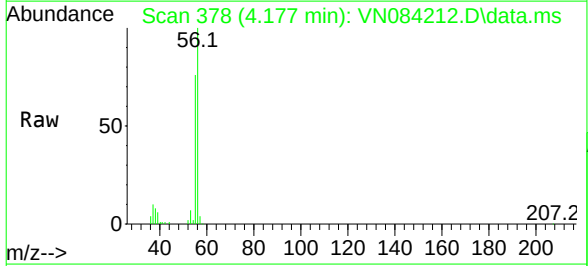
#13
Acrolein
Concen: 218.838 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 102393
Ion Ratio Lower Upper
56 100
55 71.5 57.2 85.8

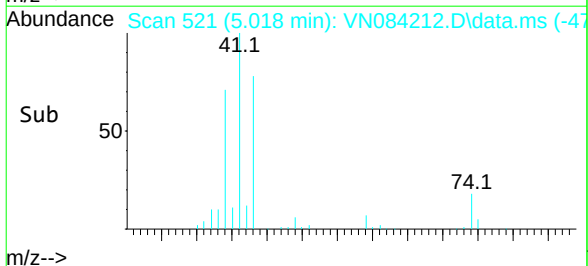
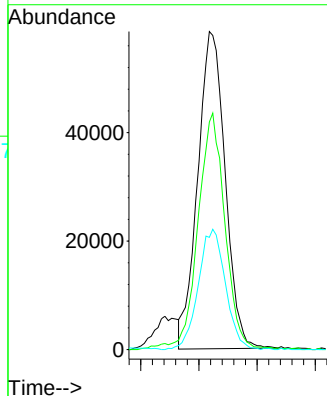
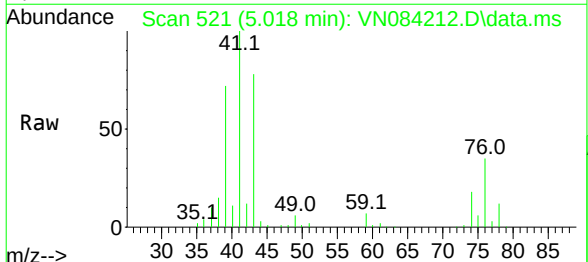
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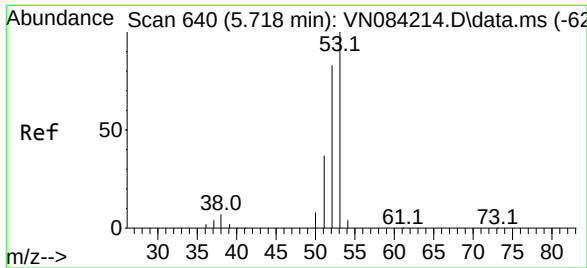
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#14
Allyl chloride
Concen: 58.809 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion: 41 Resp: 191705
Ion Ratio Lower Upper
41 100
39 73.6 59.0 88.6
76 37.5 29.8 44.6





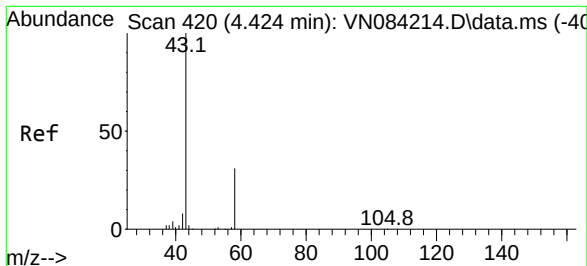
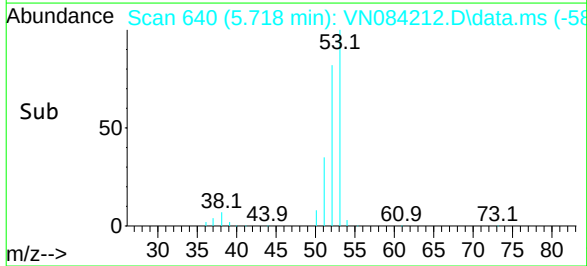
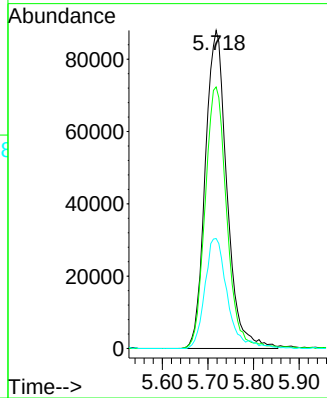
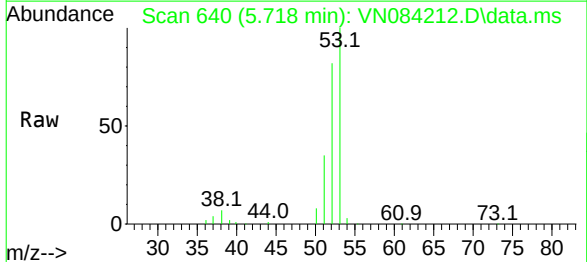
#15
Acrylonitrile
Concen: 282.450 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 290704
Ion Ratio Lower Upper
53 100
52 82.0 66.2 99.4
51 36.1 28.8 43.2

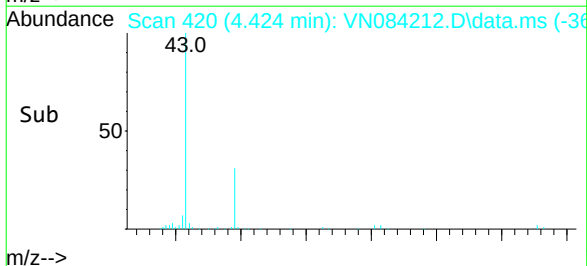
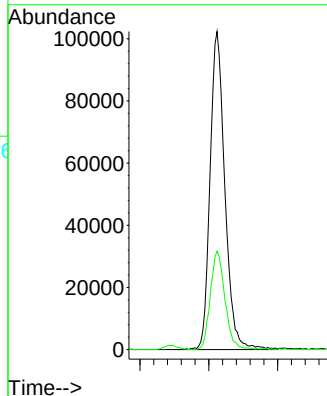
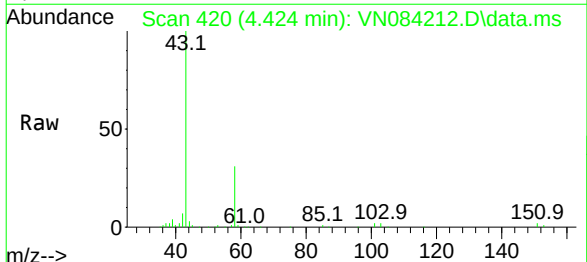
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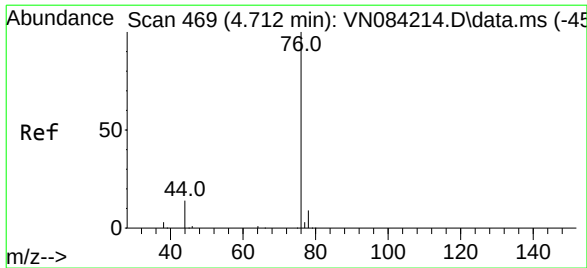
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#16
Acetone
Concen: 287.817 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

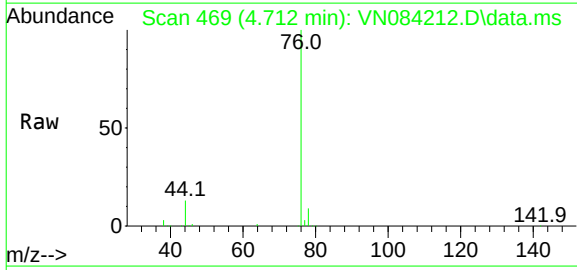
Tgt Ion: 43 Resp: 305605
Ion Ratio Lower Upper
43 100
58 30.7 24.4 36.6





#17
Carbon Disulfide
Concen: 56.068 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

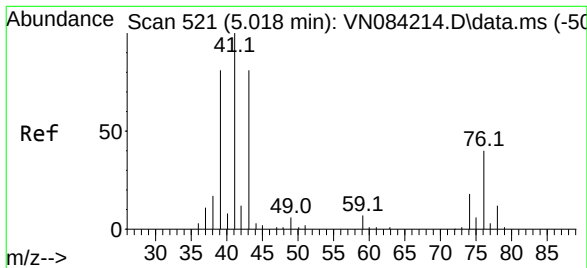
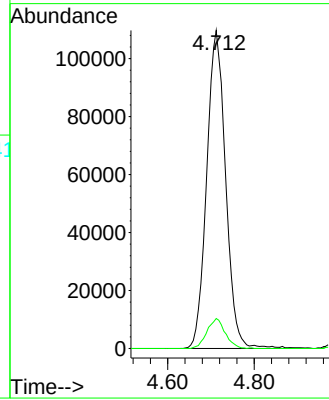
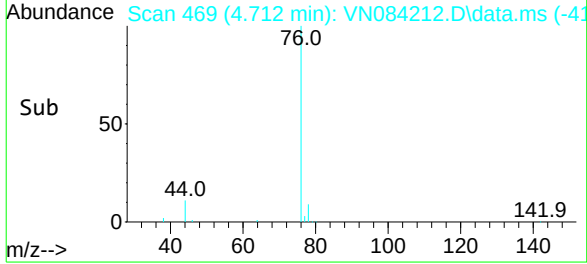
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 333196
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

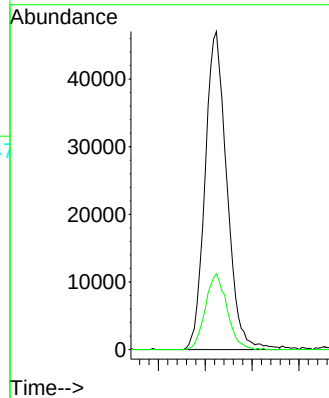
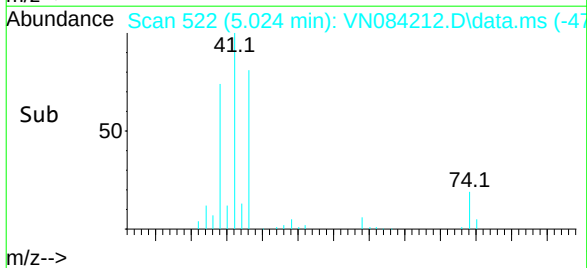
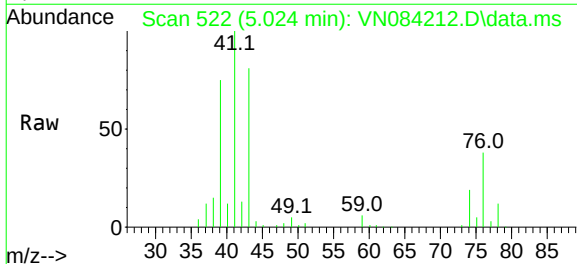
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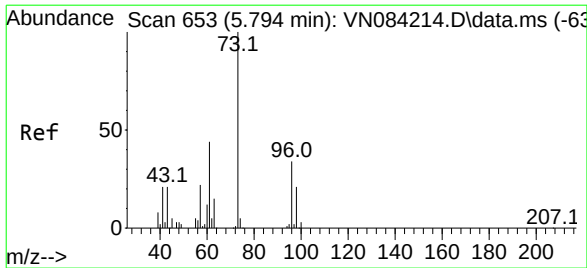
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#18
Methyl Acetate
Concen: 65.598 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion: 43 Resp: 151812
Ion Ratio Lower Upper
43 100
74 23.6 19.2 28.8





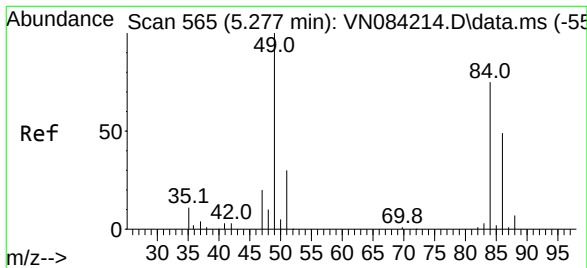
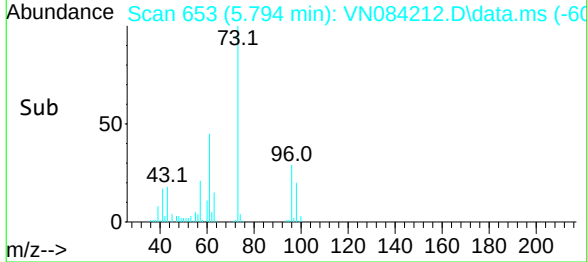
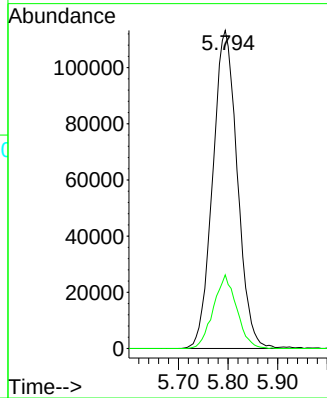
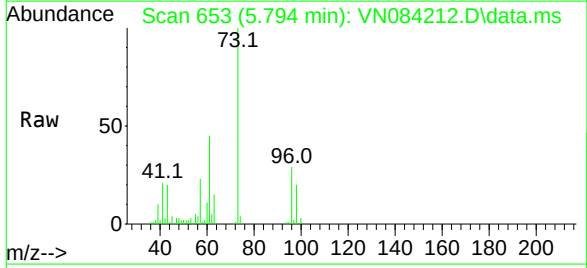
#19
Methyl tert-butyl Ether
Concen: 61.516 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 389712
Ion Ratio Lower Upper
73 100
57 23.2 17.7 26.5

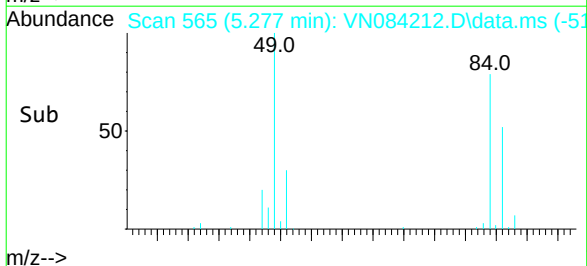
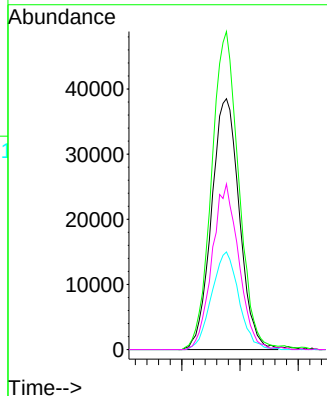
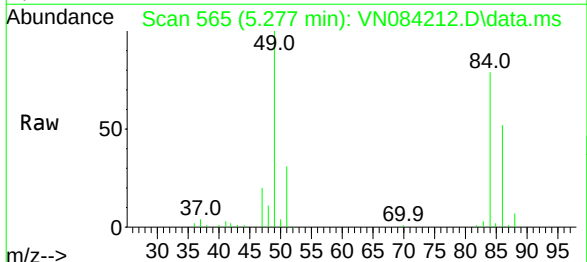
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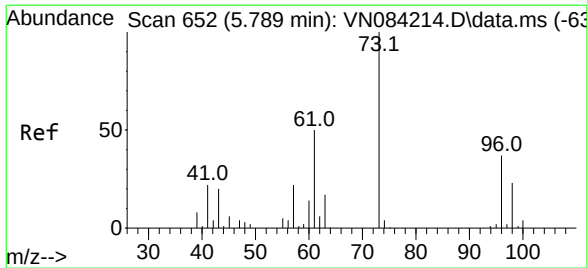
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#20
Methylene Chloride
Concen: 59.434 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion: 84 Resp: 128284
Ion Ratio Lower Upper
84 100
49 126.8 107.2 160.8
51 38.9 31.8 47.8
86 66.0 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 59.434 ug/l

RT: 5.783 min Scan# 65

Delta R.T. -0.006 min

Lab File: VN084212.D

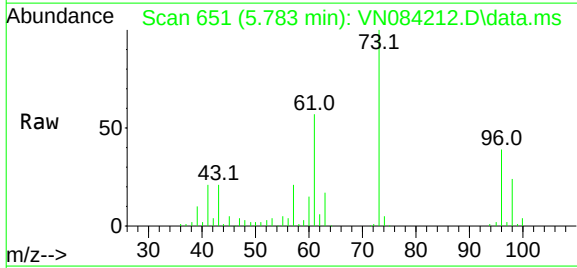
Acq: 30 Sep 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 116875

Ion Ratio Lower Upper

96 100

61 146.9 108.4 162.6

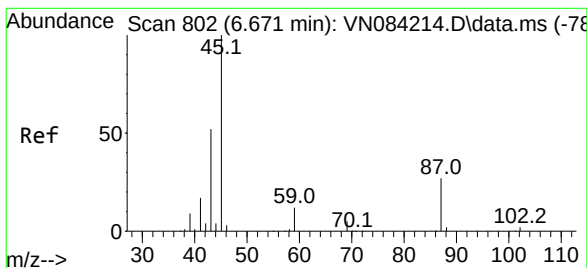
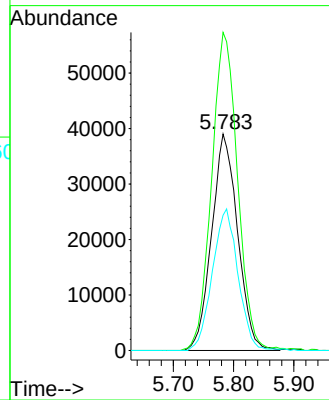
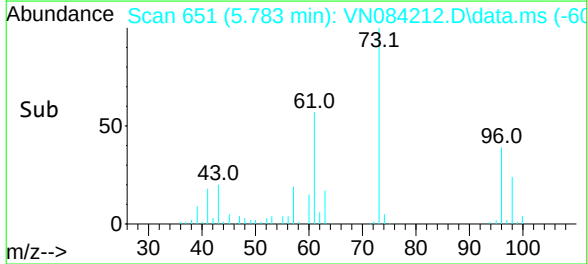
98 62.5 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#22

Diisopropyl ether

Concen: 62.761 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN084212.D

Acq: 30 Sep 2024 11:45

Tgt Ion: 45 Resp: 423186

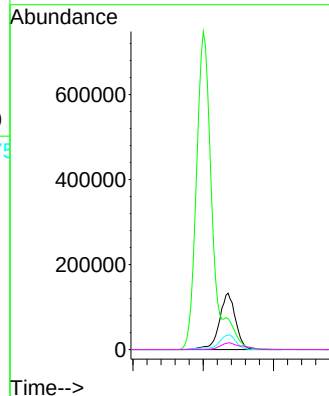
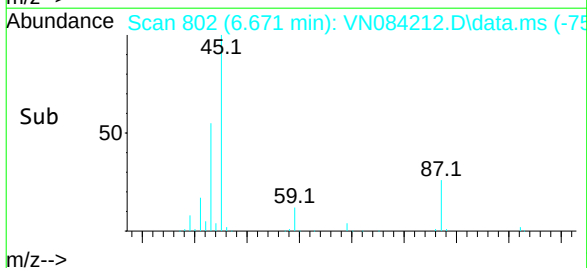
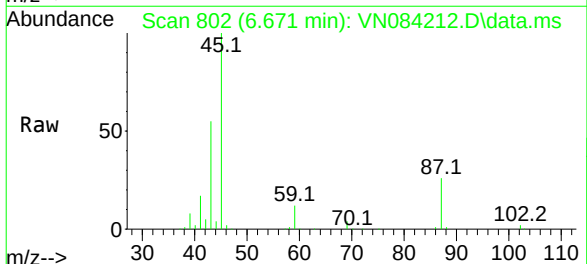
Ion Ratio Lower Upper

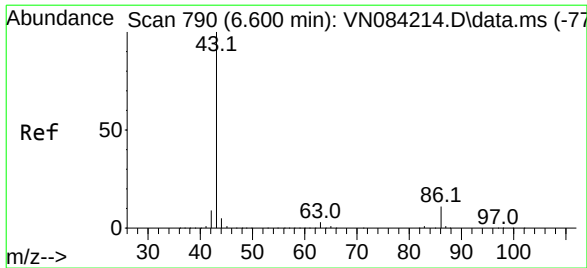
45 100

43 54.4 42.3 63.5

87 25.5 21.8 32.6

59 12.0 9.6 14.4





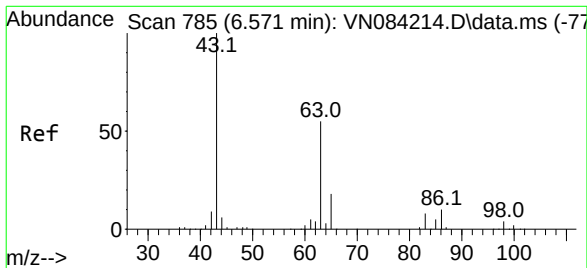
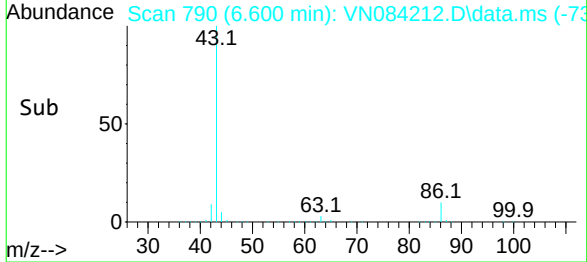
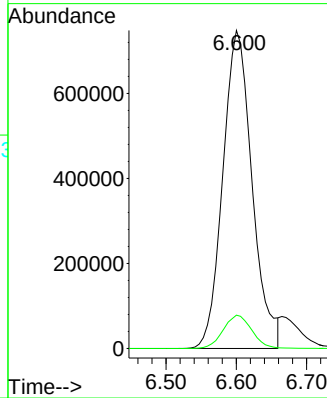
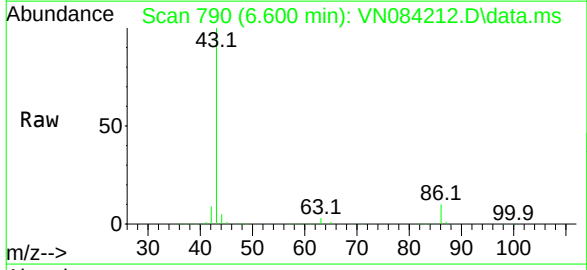
#23
 Vinyl Acetate
 Concen: 432.857 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN084212.D
 Acq: 30 Sep 2024 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2164753
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8

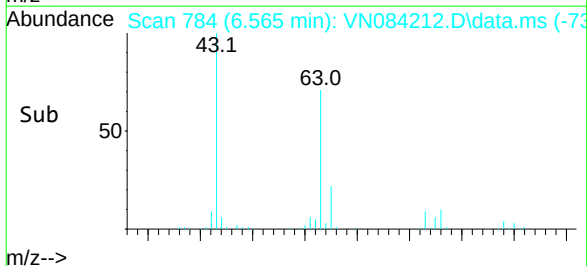
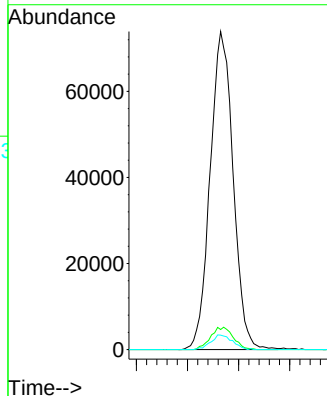
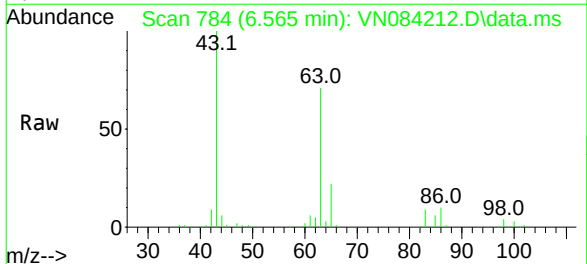
Manual Integrations
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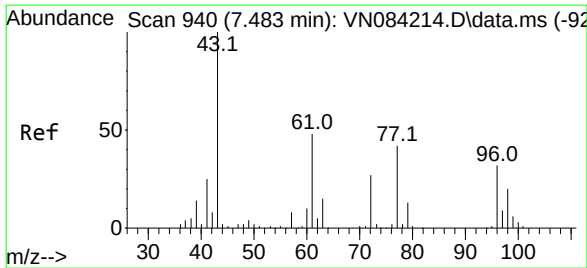
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#24
 1,1-Dichloroethane
 Concen: 61.304 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN084212.D
 Acq: 30 Sep 2024 11:45

Tgt Ion: 63 Resp: 231160
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.2
 100 4.6 2.0 5.8





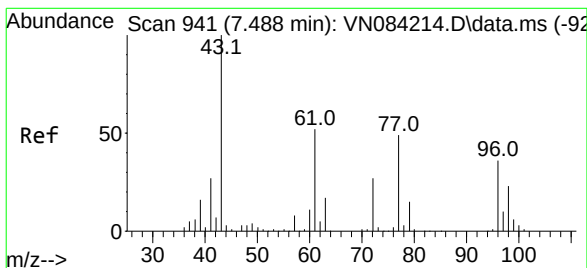
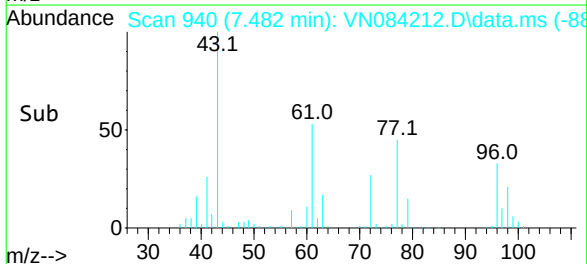
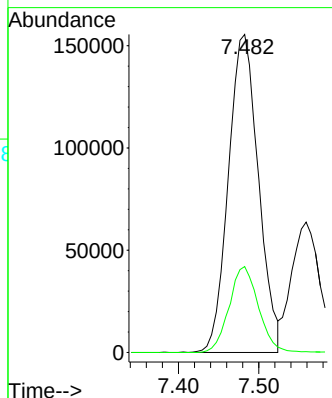
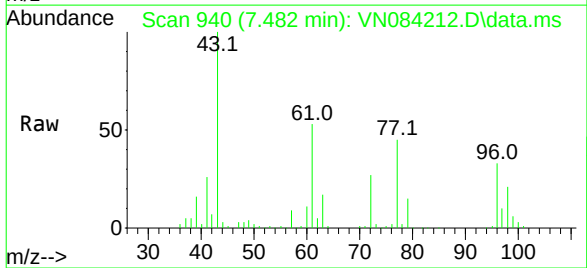
#25
2-Butanone
Concen: 279.647 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 404423
Ion Ratio Lower Upper
43 100
72 27.0 21.4 32.2

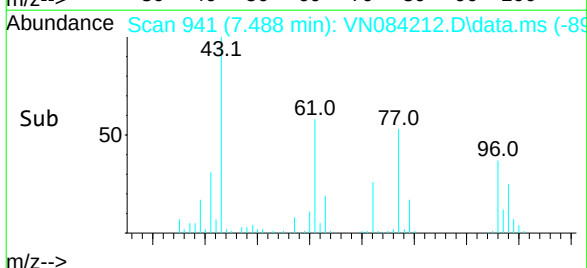
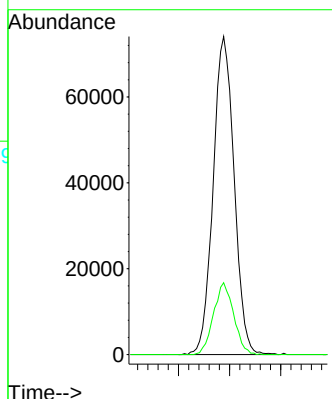
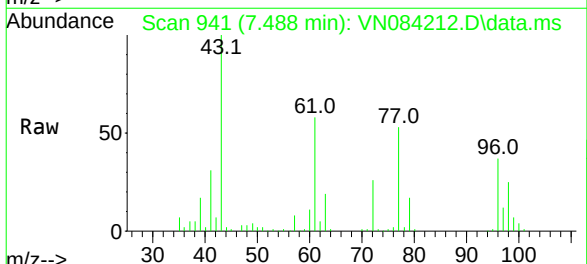
Manual Integrations
APPROVED

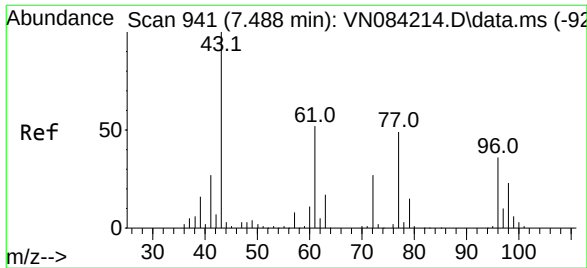
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#26
2,2-Dichloropropane
Concen: 62.127 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion: 77 Resp: 211222
Ion Ratio Lower Upper
77 100
97 21.7 10.8 32.3





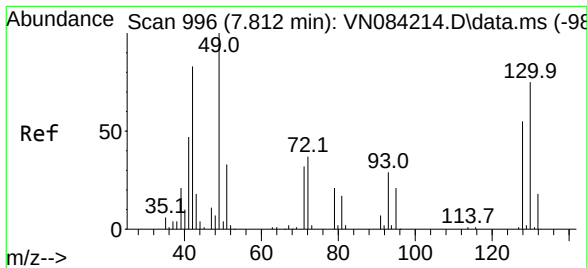
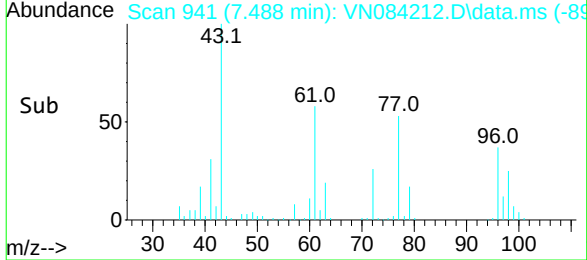
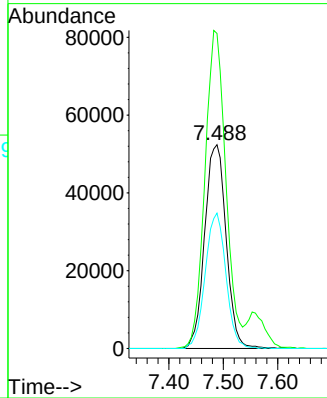
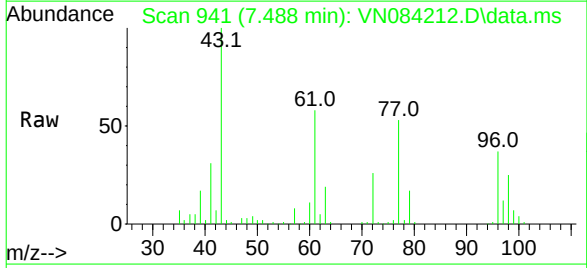
#27
 cis-1,2-Dichloroethene
 Concen: 60.452 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN084212.D
 Acq: 30 Sep 2024 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 143651
 Ion Ratio Lower Upper
 96 100
 61 151.5 0.0 301.8
 98 64.1 0.0 128.2

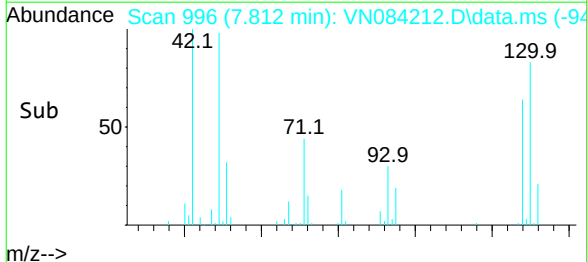
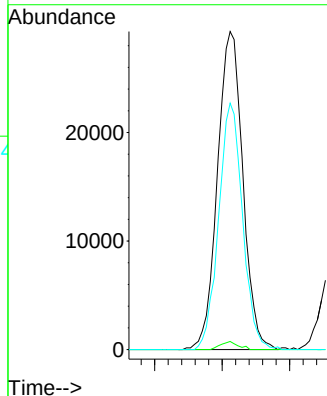
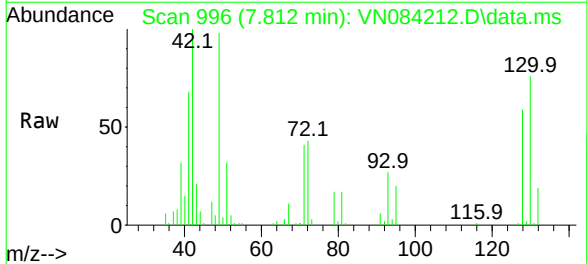
Manual Integrations
 APPROVED

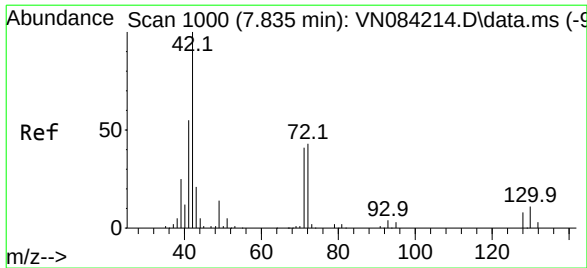
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#28
 Bromochloromethane
 Concen: 45.492 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN084212.D
 Acq: 30 Sep 2024 11:45

Tgt Ion: 49 Resp: 76536
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 73.0 58.0 87.0





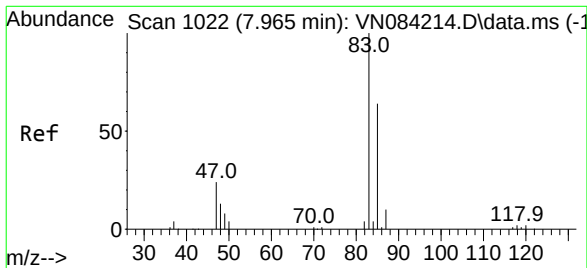
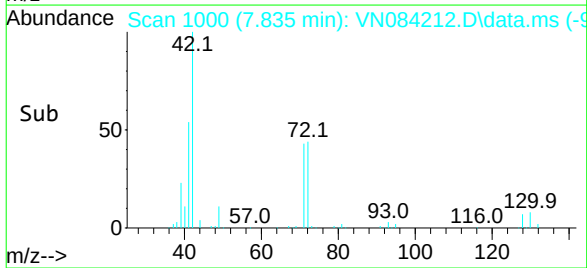
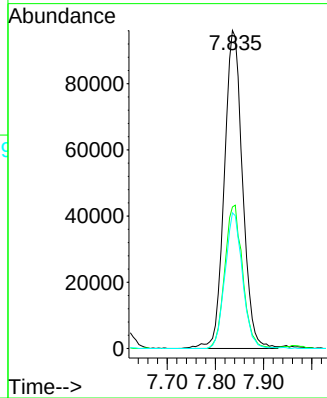
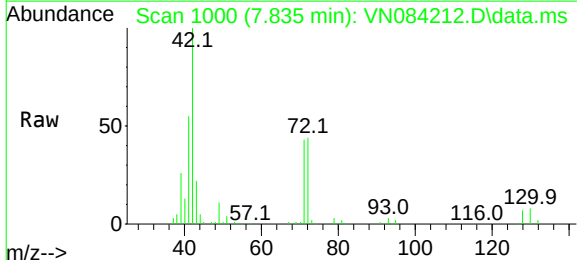
#29
Tetrahydrofuran
Concen: 283.202 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 252749
Ion Ratio Lower Upper
42 100
72 44.0 34.6 51.8
71 40.8 32.2 48.4

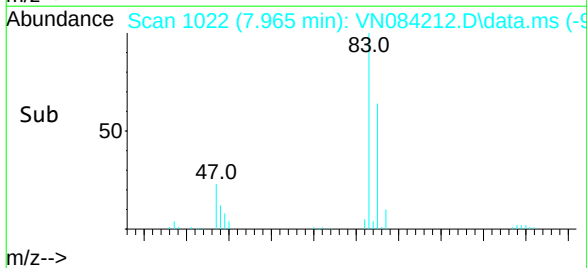
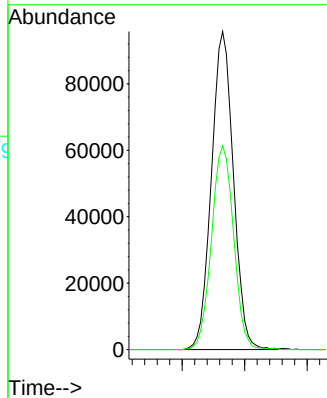
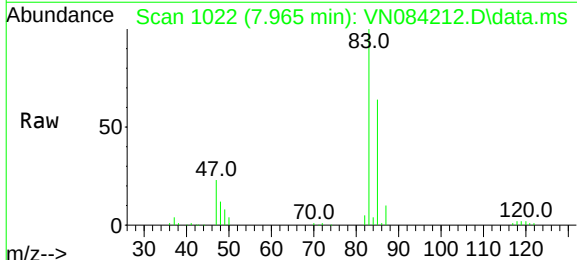
Manual Integrations
APPROVED

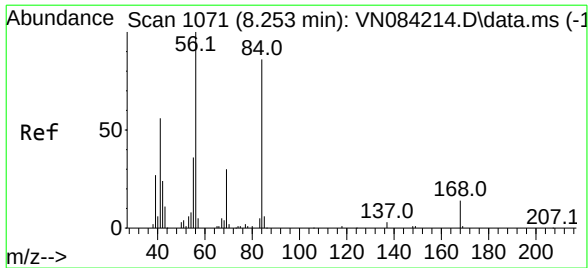
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#30
Chloroform
Concen: 59.781 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

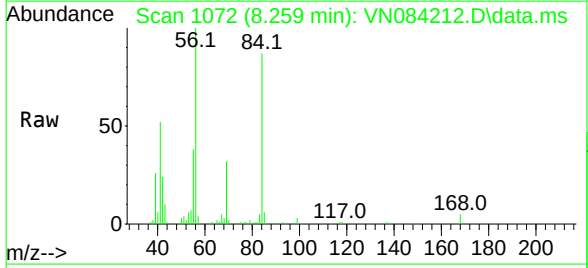
Tgt Ion: 83 Resp: 234151
Ion Ratio Lower Upper
83 100
85 64.1 51.0 76.4





#31
Cyclohexane
Concen: 54.886 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

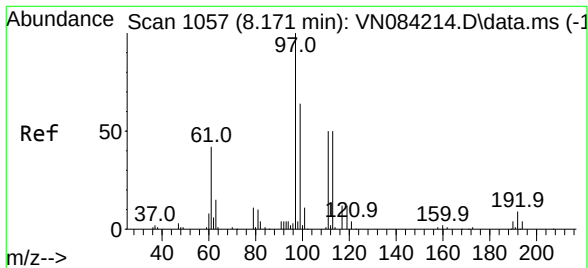
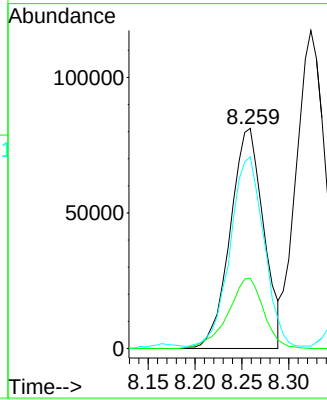
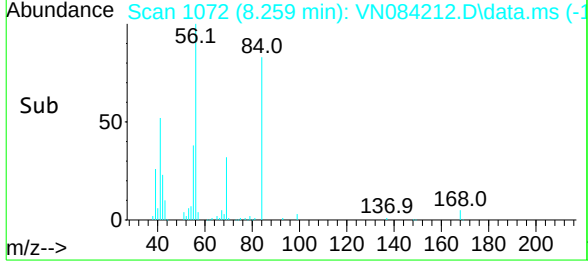
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 200946
Ion Ratio Lower Upper
56 100
69 32.0 23.8 35.6
84 85.7 68.8 103.2

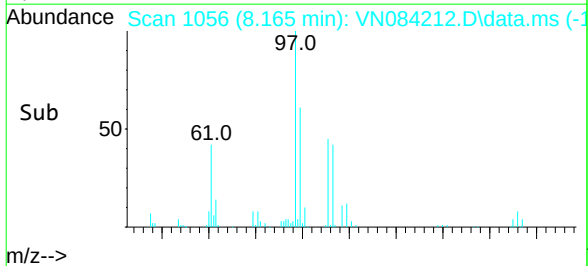
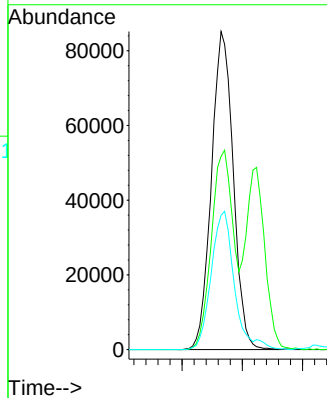
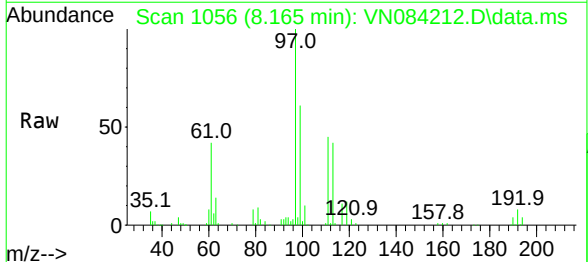
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APPROVED

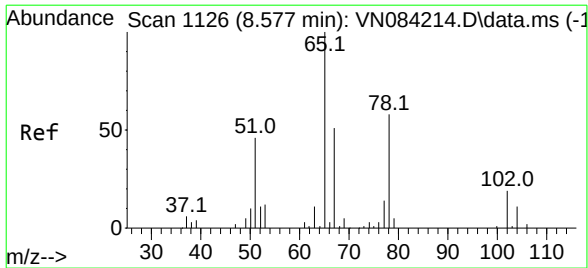
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#32
1,1,1-Trichloroethane
Concen: 60.863 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion: 97 Resp: 214098
Ion Ratio Lower Upper
97 100
99 63.0 51.2 76.8
61 46.1 37.5 56.3





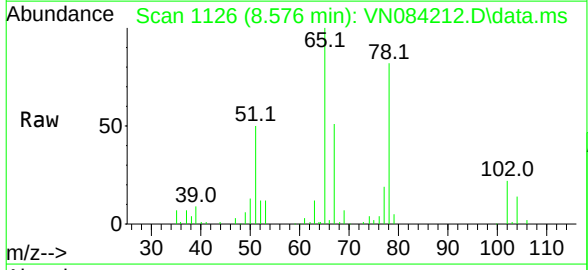
#33
 1,2-Dichloroethane-d4
 Concen: 43.653 ug/l
 RT: 8.576 min Scan# 1116
 Delta R.T. -0.000 min
 Lab File: VN084212.D
 Acq: 30 Sep 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

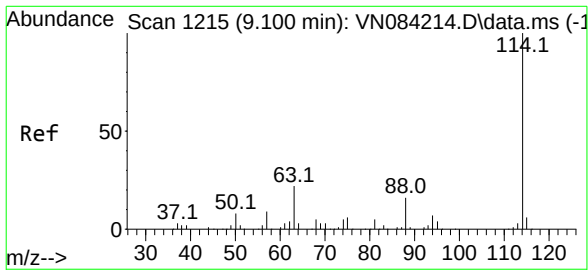
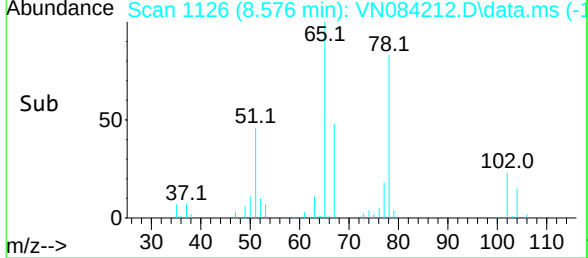
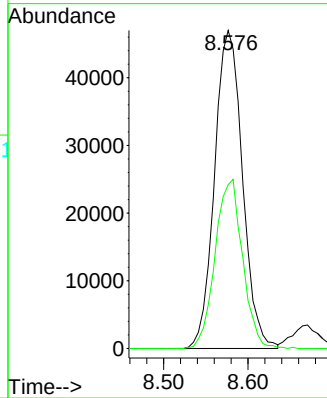


Tgt Ion: 65 Resp: 107898
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.0

Manual Integrations

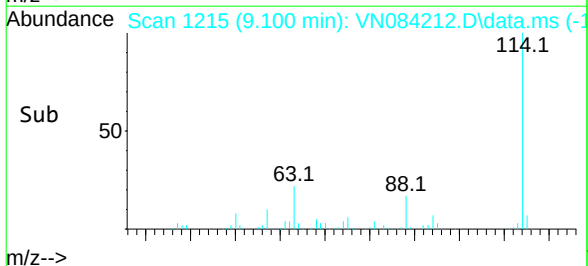
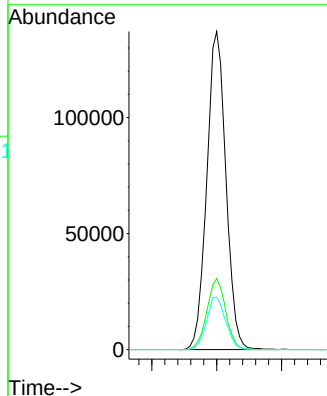
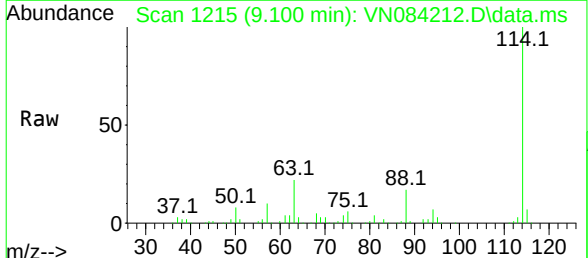
APPROVED

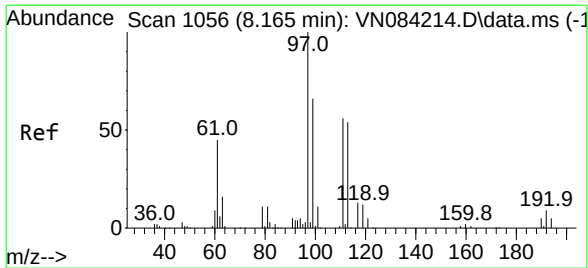
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084212.D
 Acq: 30 Sep 2024 11:45

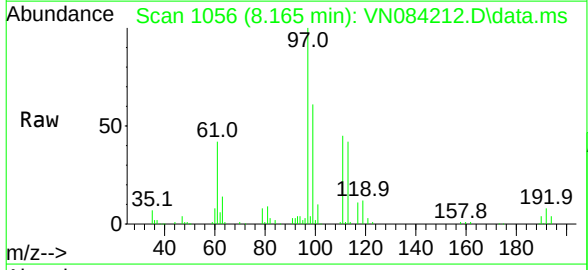
Tgt Ion:114 Resp: 279848
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.8
 88 16.5 0.0 31.6





#35
Dibromofluoromethane
Concen: 46.660 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

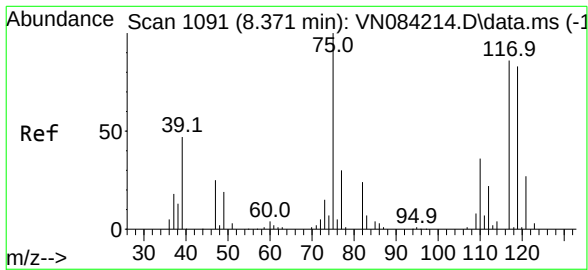
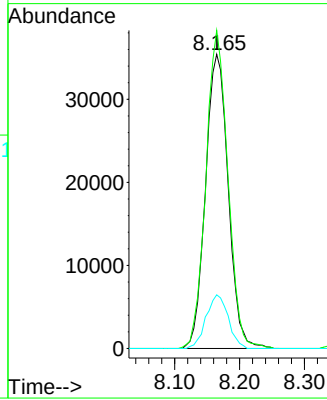
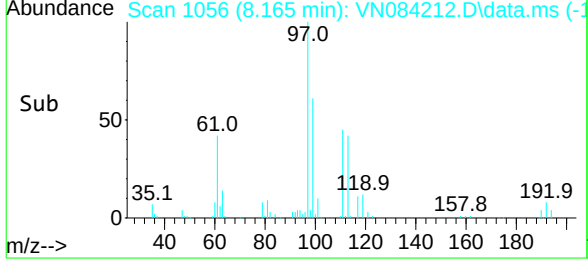
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 86084
Ion Ratio Lower Upper
113 100
111 104.8 83.3 124.9
192 17.8 13.5 20.3

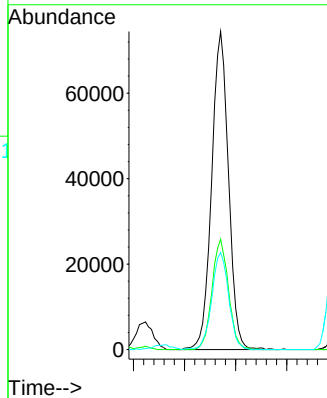
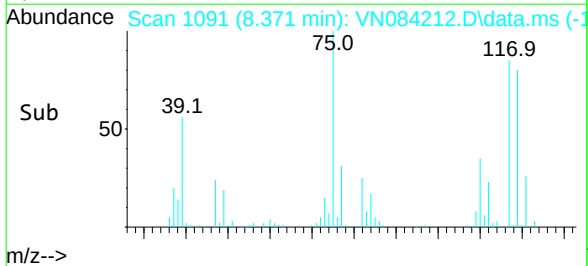
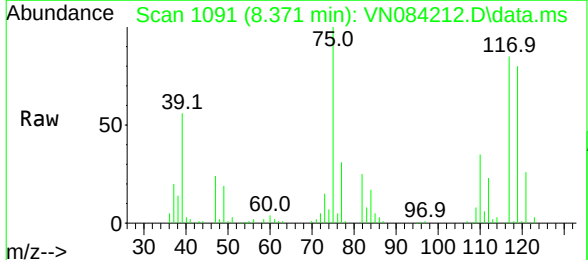
Manual Integrations
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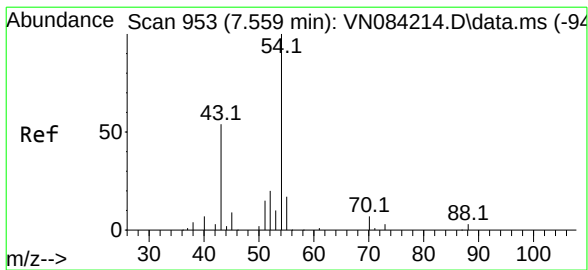
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#36
1,1-Dichloropropene
Concen: 63.531 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion: 75 Resp: 170251
Ion Ratio Lower Upper
75 100
110 33.9 16.9 50.7
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 59.107 ug/l

RT: 7.559 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN084212.D

Acq: 30 Sep 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

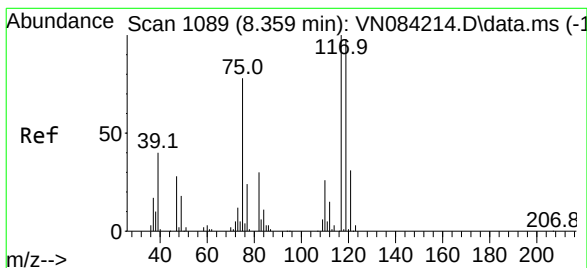
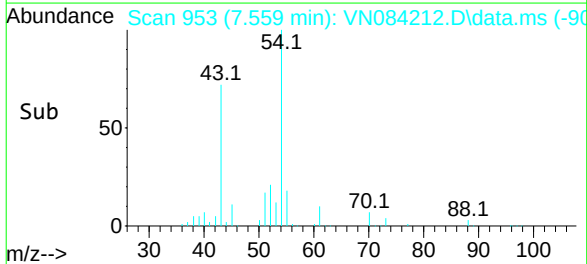
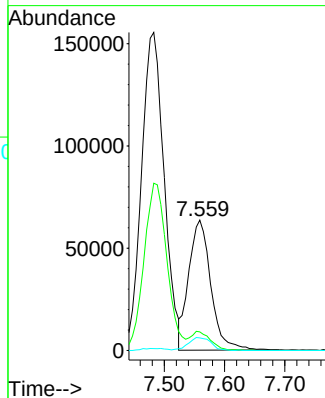
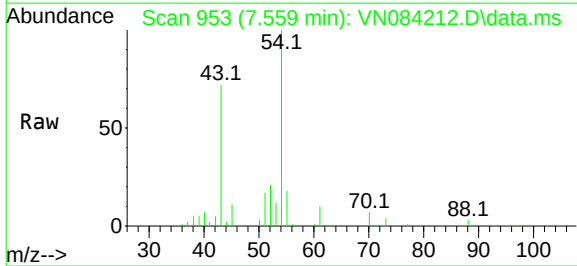
Tgt Ion:	43	Resp:	162501
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.1	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#38

Carbon Tetrachloride

Concen: 62.900 ug/l

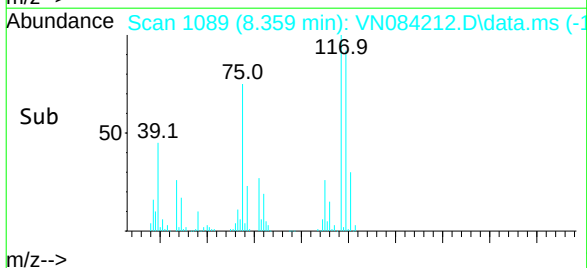
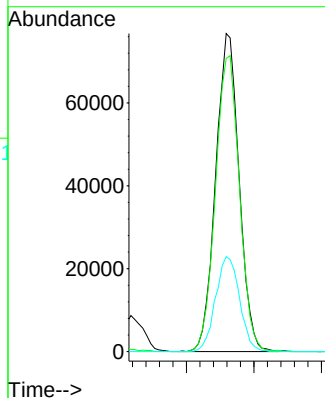
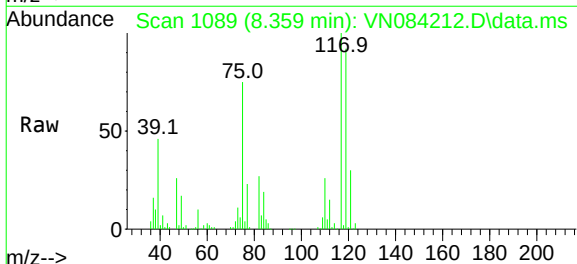
RT: 8.359 min Scan# 1089

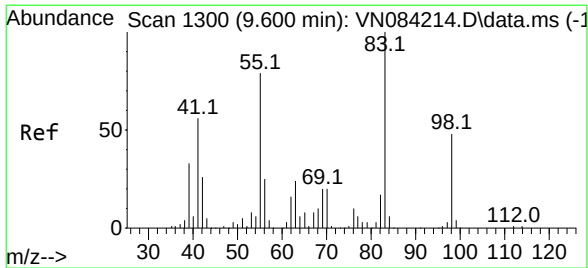
Delta R.T. -0.000 min

Lab File: VN084212.D

Acq: 30 Sep 2024 11:45

Tgt Ion:	117	Resp:	184903
Ion	Ratio	Lower	Upper
117	100		
119	92.2	78.7	118.1
121	29.9	24.4	36.6





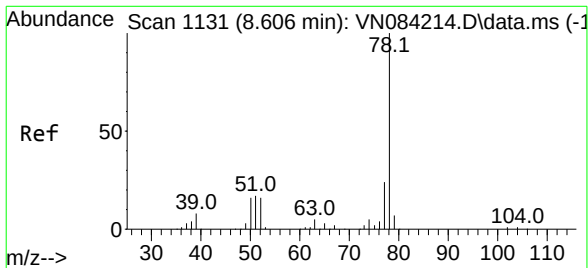
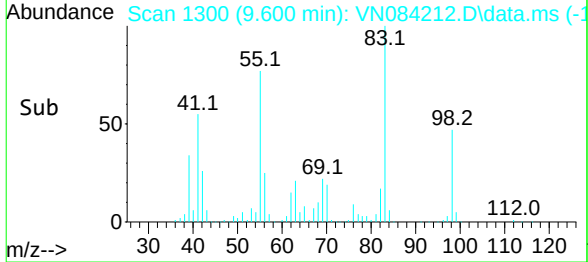
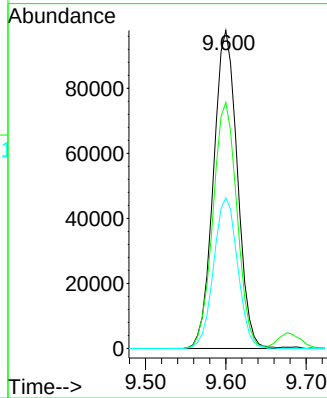
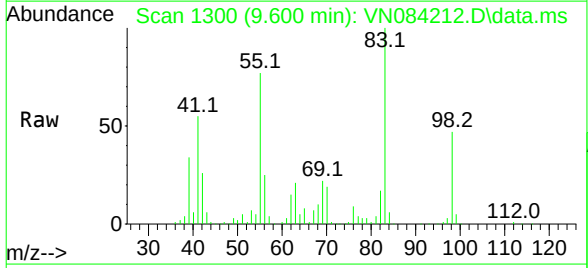
#39
Methylcyclohexane
Concen: 67.599 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 201618
Ion Ratio Lower Upper
83 100
55 77.3 62.8 94.2
98 47.4 38.8 58.2

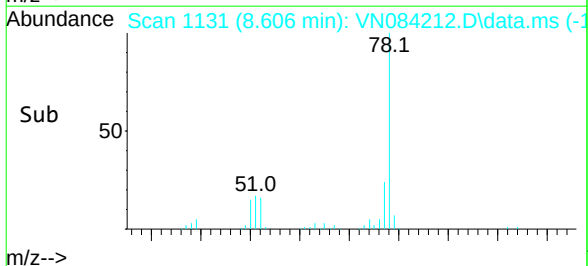
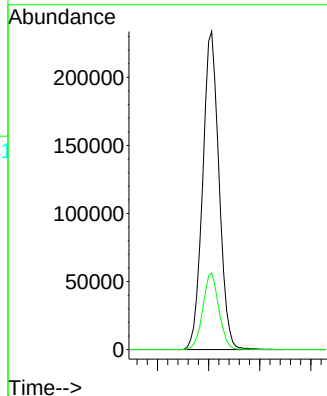
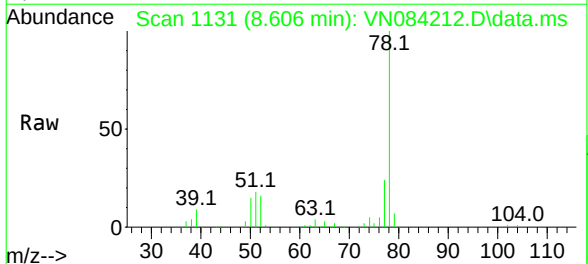
Manual Integrations
APPROVED

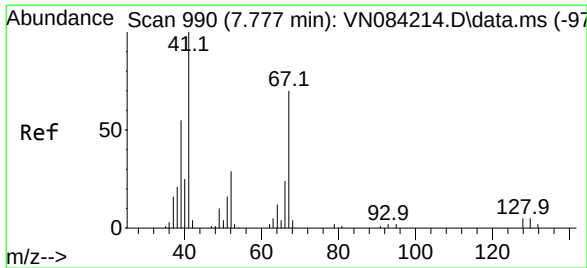
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#40
Benzene
Concen: 62.073 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion: 78 Resp: 518277
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7





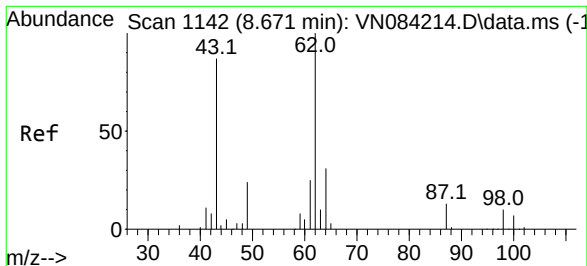
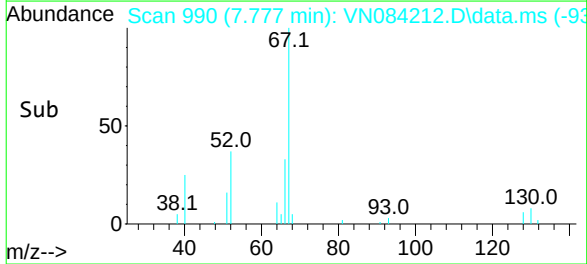
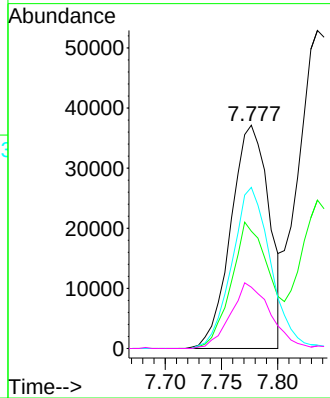
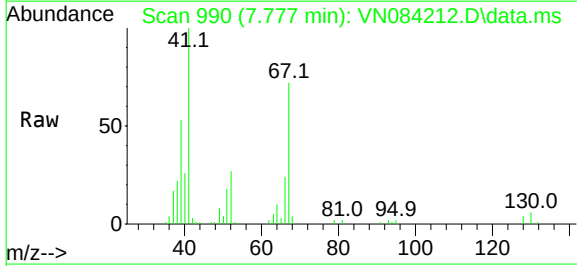
#41
Methacrylonitrile
Concen: 58.975 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	88024
Ion	Ratio	Lower	Upper
41	100		
39	57.4	43.3	64.9
67	73.6	56.1	84.1
52	30.7	24.5	36.7

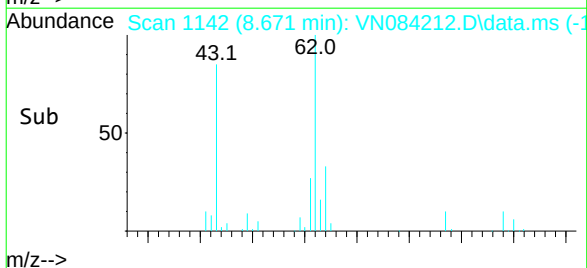
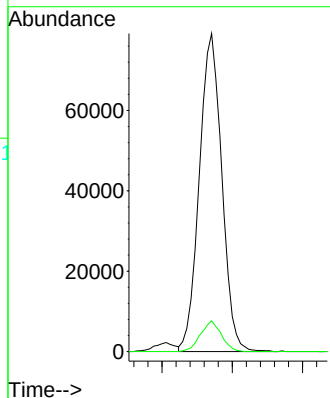
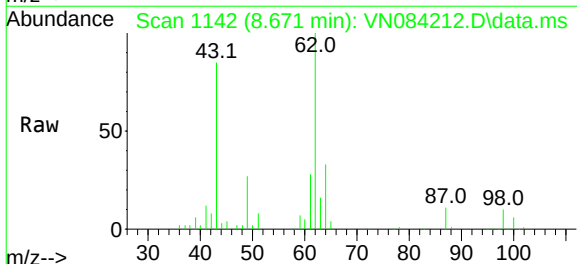
Manual Integrations
APPROVED

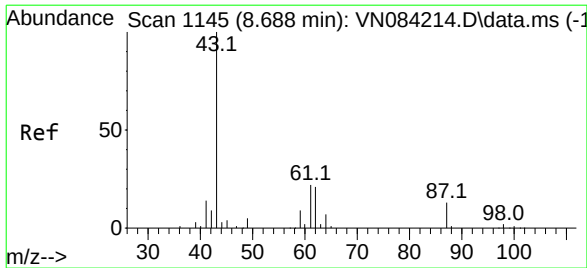
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#42
1,2-Dichloroethane
Concen: 62.172 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion:	62	Resp:	175984
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2





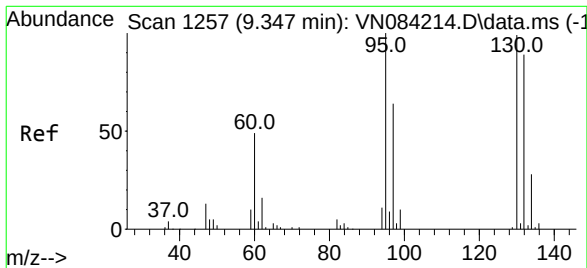
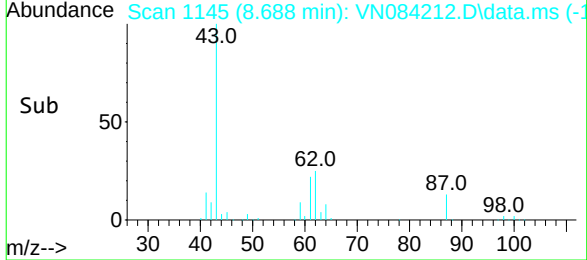
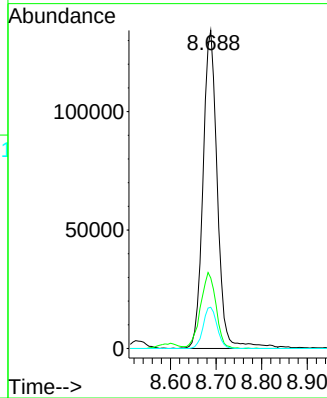
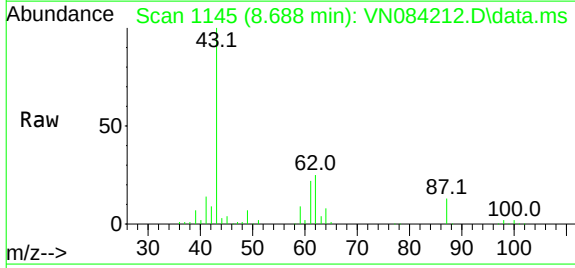
#43
Isopropyl Acetate
Concen: 54.542 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 293707
Ion Ratio Lower Upper
43 100
61 25.9 20.4 30.6
87 12.5 10.3 15.5

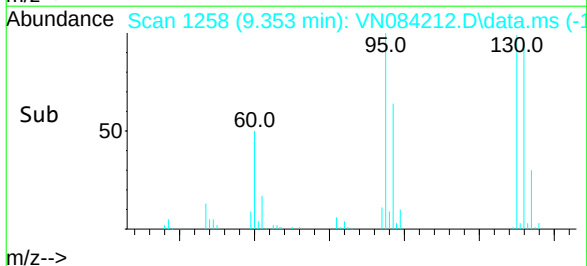
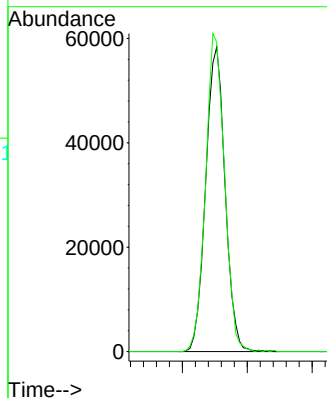
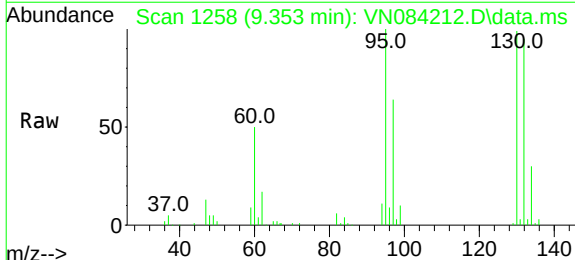
Manual Integrations
APPROVED

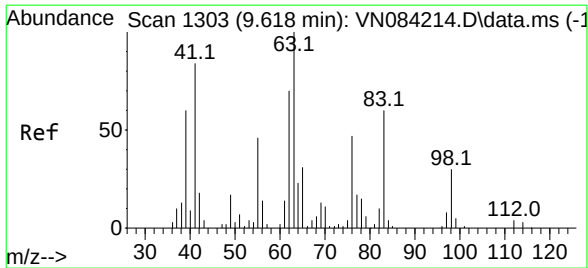
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#44
Trichloroethene
Concen: 62.107 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion:130 Resp: 121115
Ion Ratio Lower Upper
130 100
95 101.5 0.0 203.0





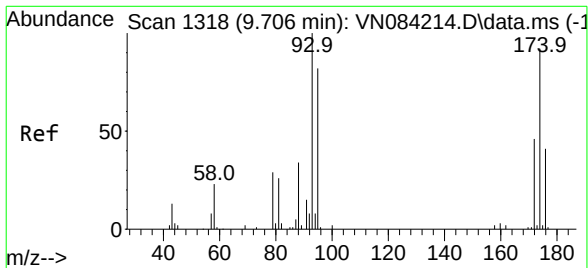
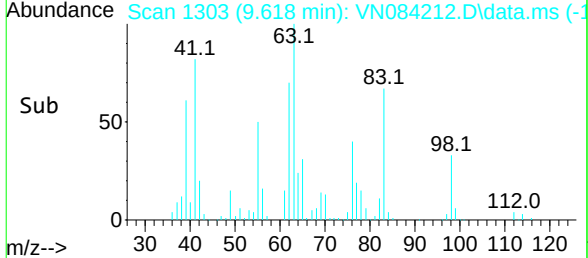
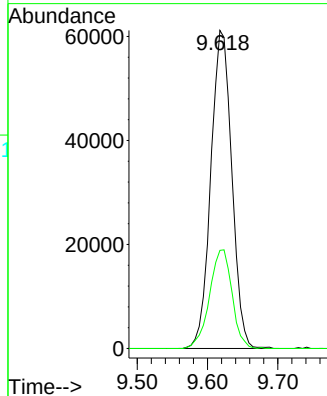
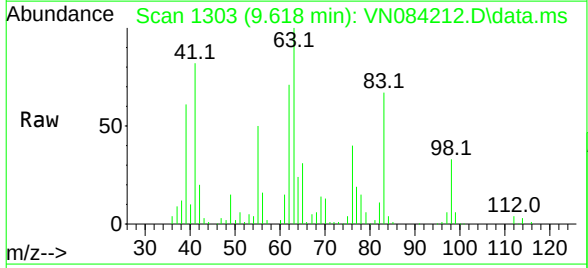
#45
1,2-Dichloropropane
Concen: 64.206 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 126817
Ion Ratio Lower Upper
63 100
65 30.9 24.6 37.0

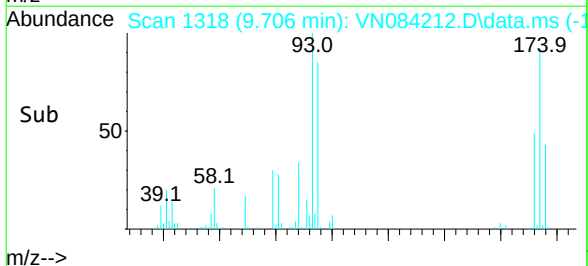
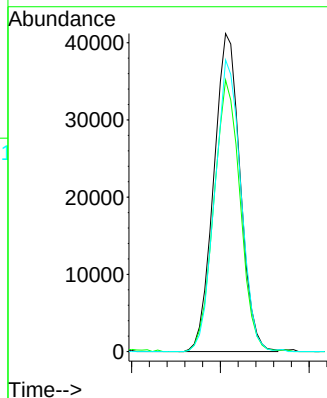
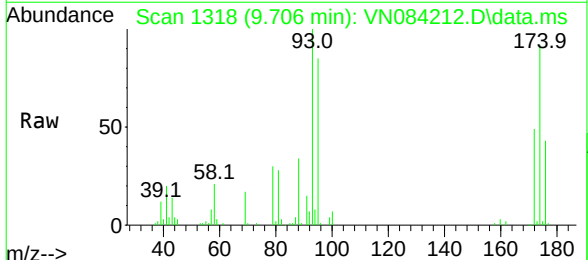
Manual Integrations
APPROVED

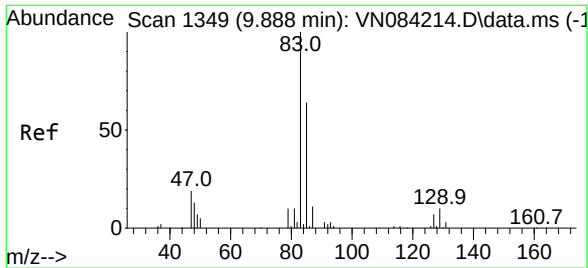
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#46
Dibromomethane
Concen: 63.923 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion: 93 Resp: 85203
Ion Ratio Lower Upper
93 100
95 84.7 65.0 97.4
174 90.4 71.8 107.8





#47
 Bromodichloromethane
 Concen: 63.595 ug/l
 RT: 9.888 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VN084212.D
 Acq: 30 Sep 2024 11:45

Instrument :

MSVOA_N

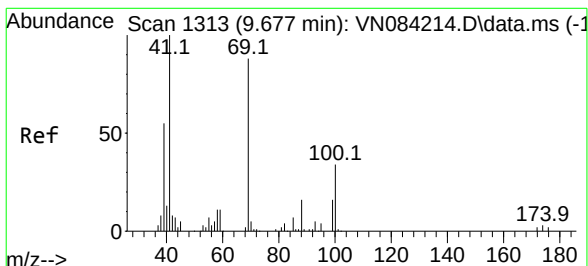
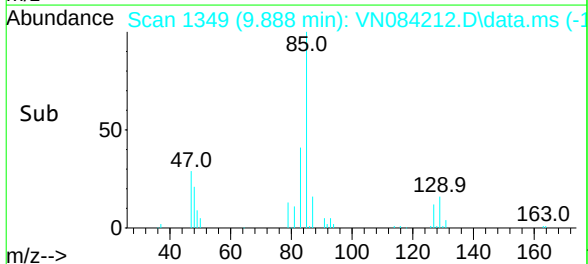
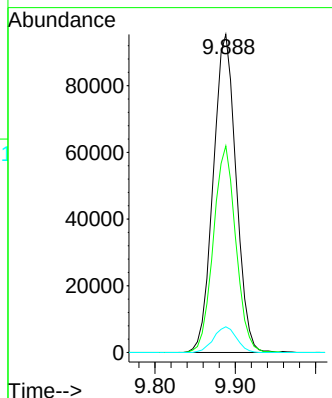
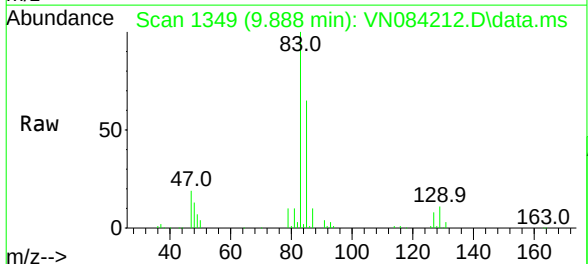
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	188325
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.5	77.3
127	8.1	5.7	8.5

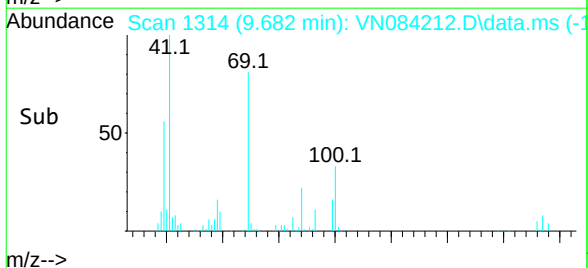
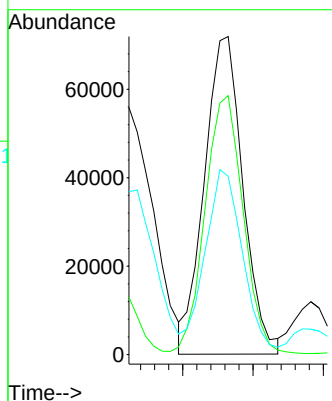
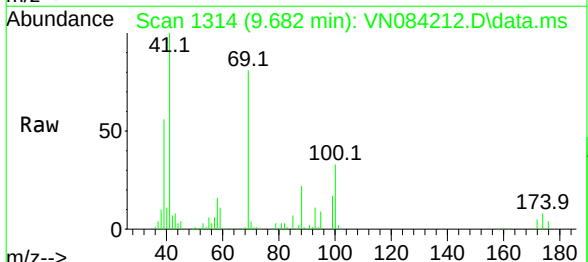
Manual Integrations
 APPROVED

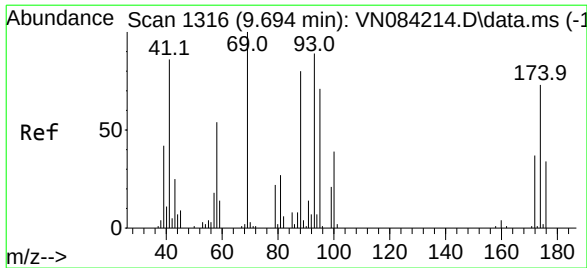
Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024



#48
 Methyl methacrylate
 Concen: 63.889 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. 0.006 min
 Lab File: VN084212.D
 Acq: 30 Sep 2024 11:45

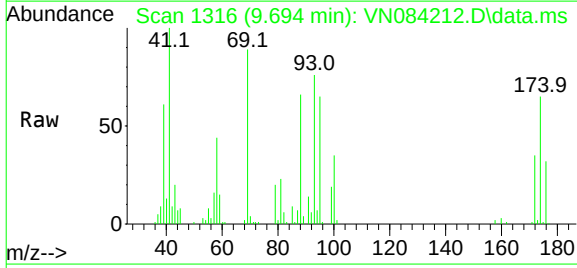
Tgt Ion:	41	Resp:	136955
Ion	Ratio	Lower	Upper
41	100		
69	80.2	67.1	100.7
39	57.3	45.8	68.6





#49
1,4-Dioxane
Concen: 1122.554 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

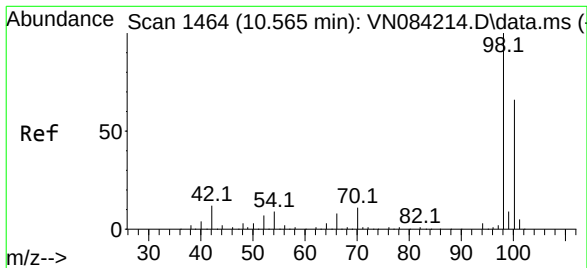
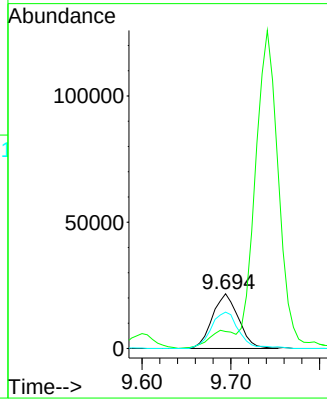
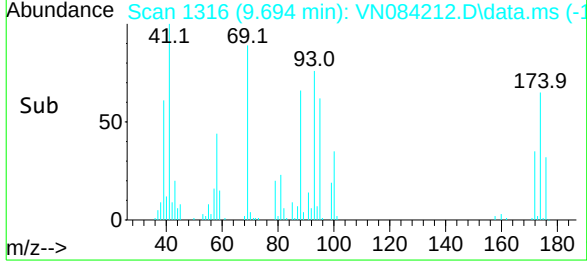
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 44301
Ion Ratio Lower Upper
88 100
43 33.2 25.3 37.9
58 70.8 56.4 84.6

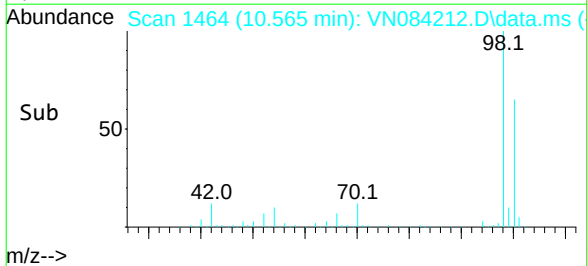
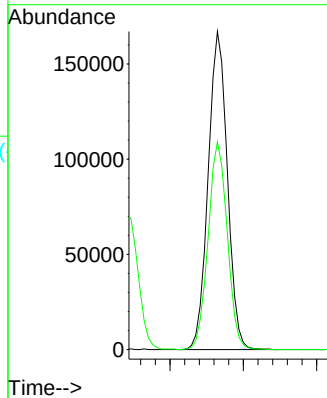
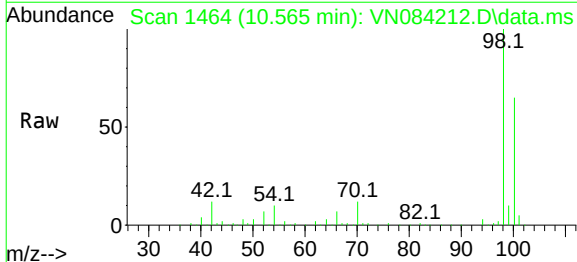
Manual Integrations
APPROVED

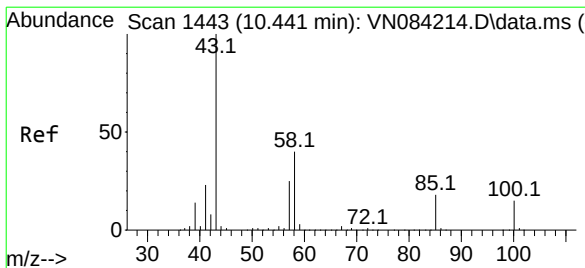
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#50
Toluene-d8
Concen: 44.774 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion: 98 Resp: 303912
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1





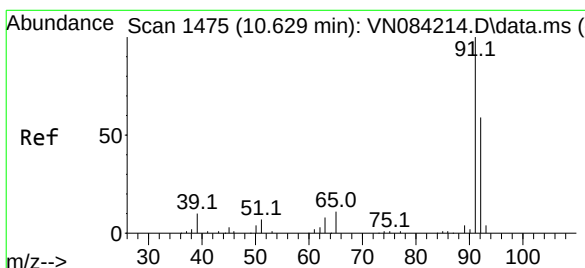
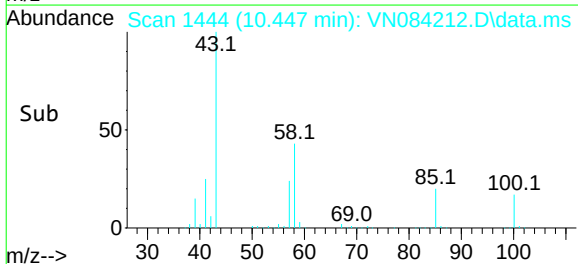
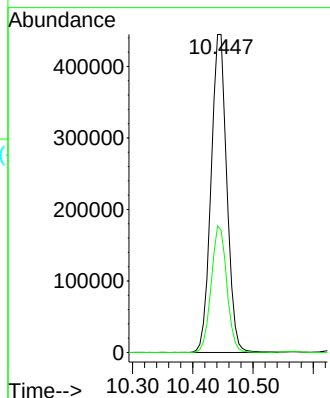
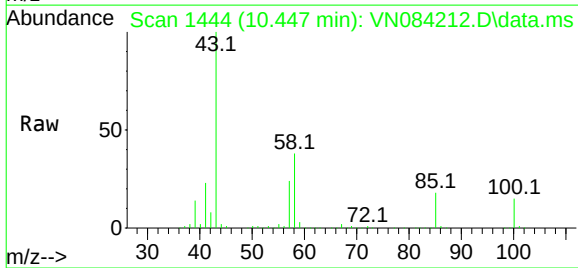
#51
4-Methyl-2-Pentanone
Concen: 309.136 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 809070
Ion Ratio Lower Upper
43 100
58 39.3 31.6 47.4

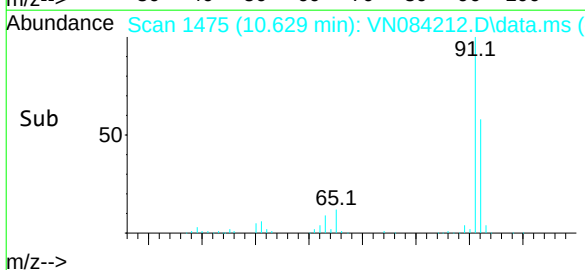
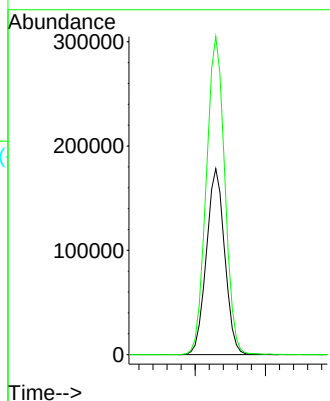
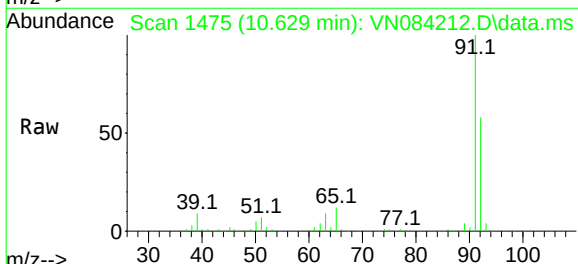
Manual Integrations
APPROVED

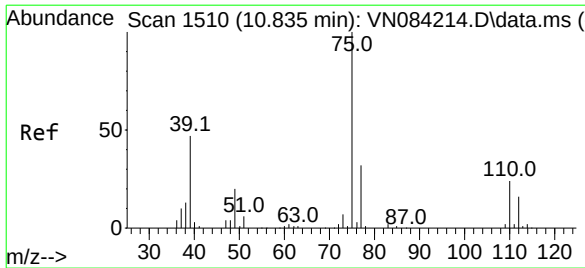
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#52
Toluene
Concen: 63.194 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion: 92 Resp: 321754
Ion Ratio Lower Upper
92 100
91 173.1 137.3 205.9





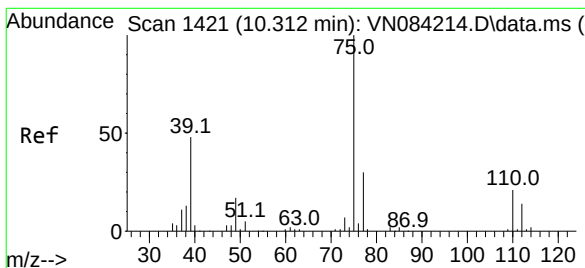
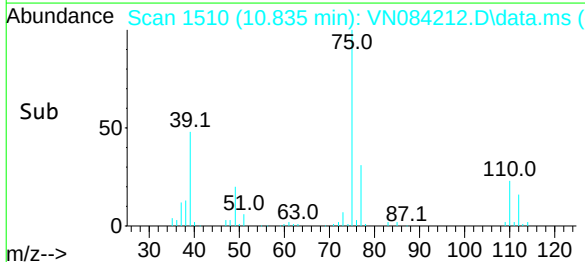
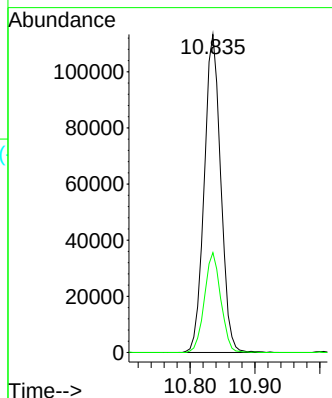
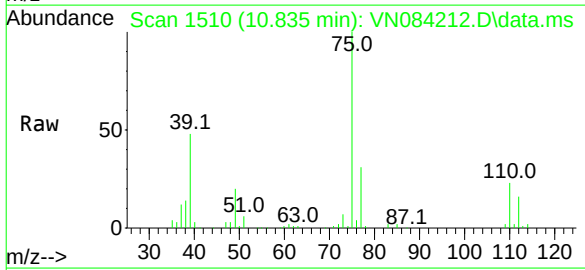
#53
t-1,3-Dichloropropene
Concen: 66.209 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 199861
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

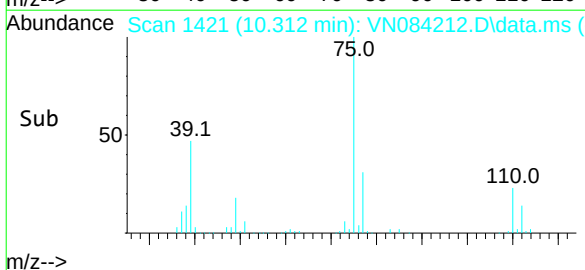
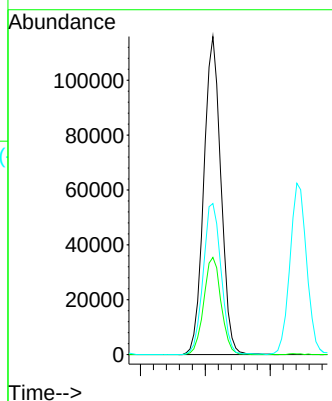
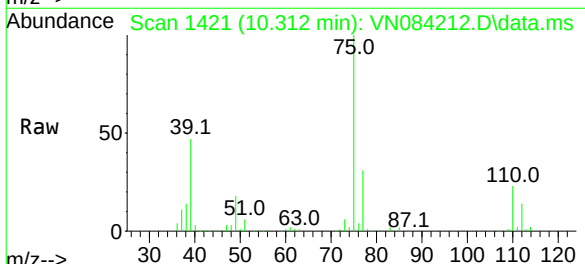
Manual Integrations
APPROVED

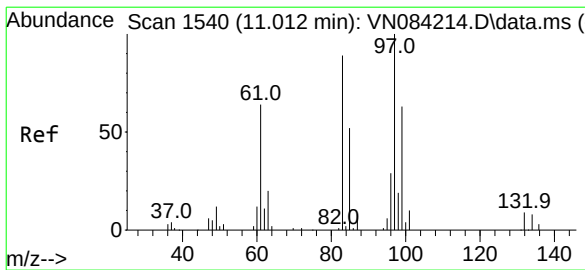
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#54
cis-1,3-Dichloropropene
Concen: 65.445 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

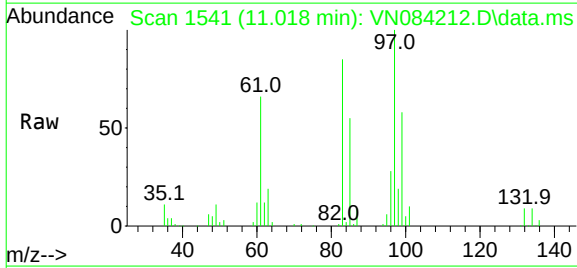
Tgt Ion: 75 Resp: 212493
Ion Ratio Lower Upper
75 100
77 30.6 24.2 36.2
39 47.5 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 63.311 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

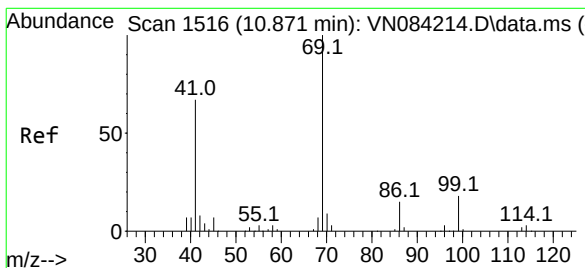
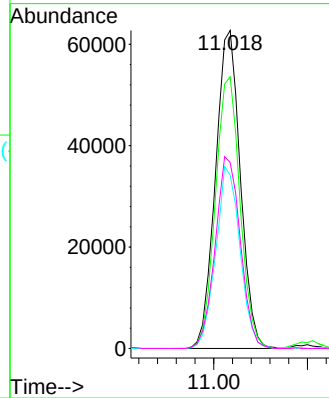
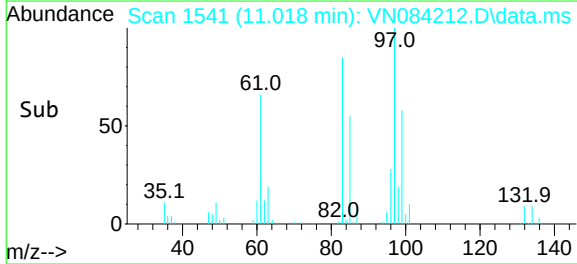
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



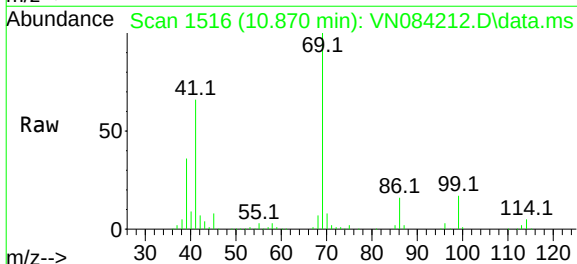
Tgt Ion:	97	Resp:	115559
Ion	Ratio	Lower	Upper
97	100		
83	85.4	71.0	106.4
85	54.5	41.7	62.5
99	58.5	50.1	75.1

Manual Integrations
APPROVED

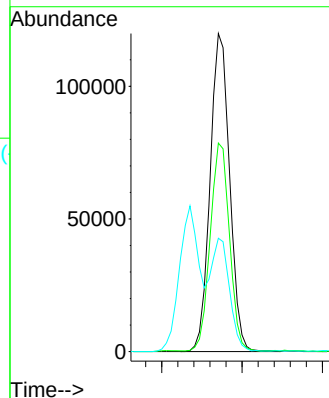
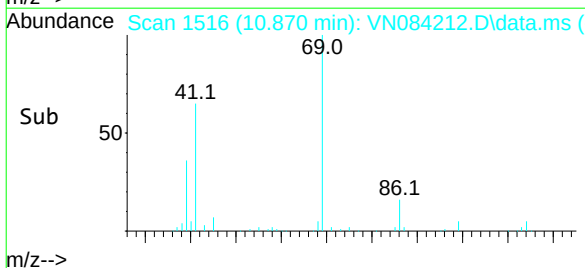
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

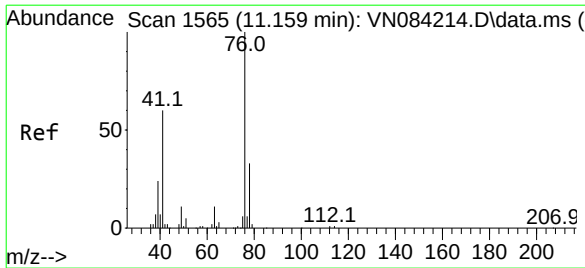


#56
Ethyl methacrylate
Concen: 67.389 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45



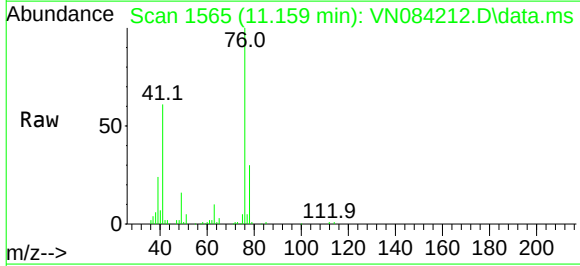
Tgt Ion:	69	Resp:	202395
Ion	Ratio	Lower	Upper
69	100		
41	64.5	53.3	79.9
39	34.8	28.8	43.2





#57
1,3-Dichloropropane
Concen: 63.049 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

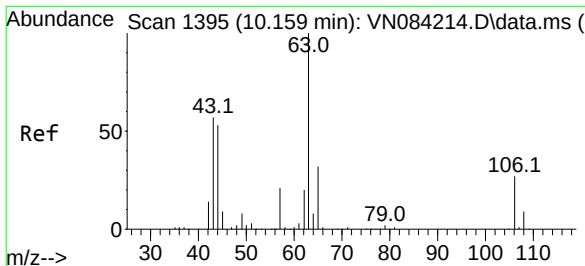
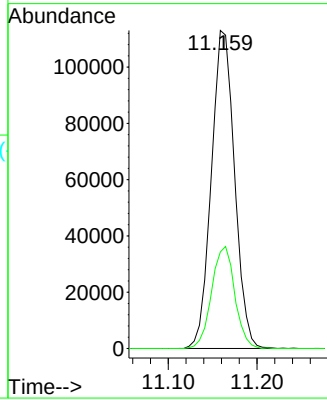
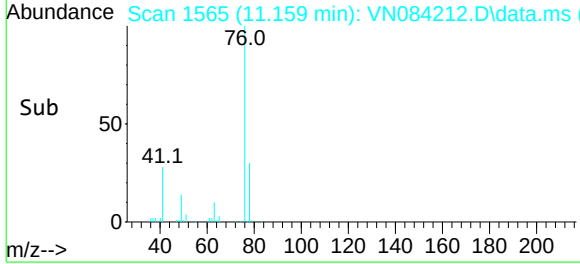
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 205633
Ion Ratio Lower Upper
76 100
78 31.9 25.8 38.6

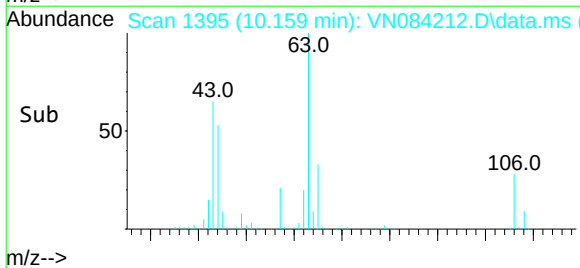
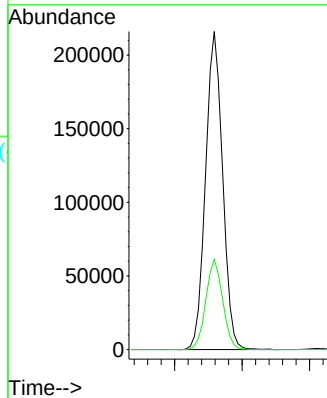
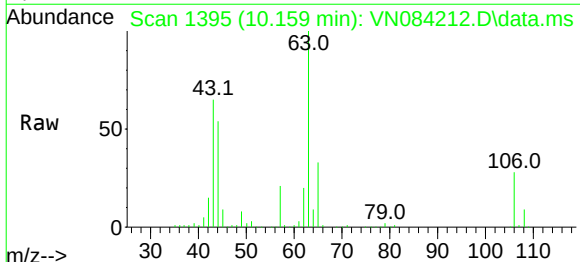
Manual Integrations
APPROVED

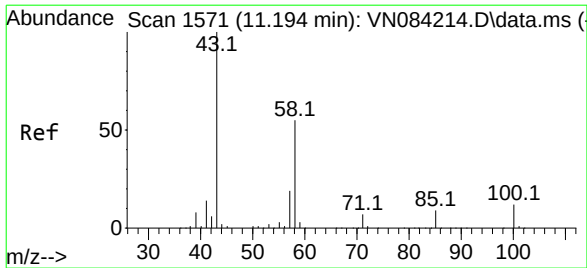
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#58
2-Chloroethyl Vinyl ether
Concen: 271.858 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion: 63 Resp: 378764
Ion Ratio Lower Upper
63 100
106 27.9 21.8 32.6





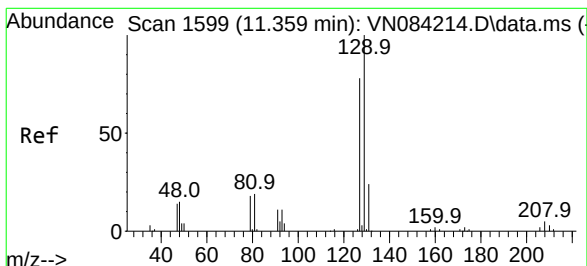
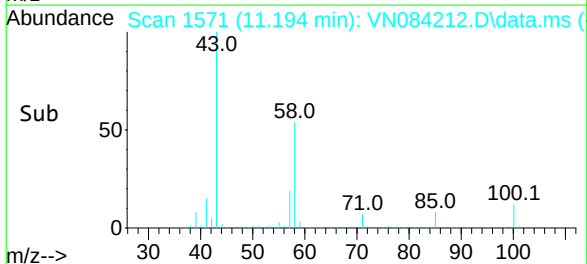
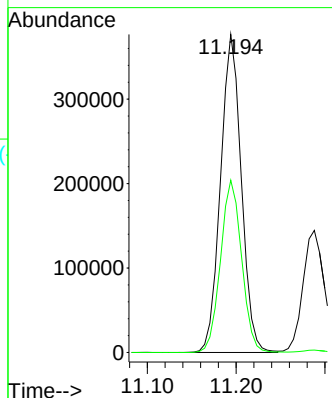
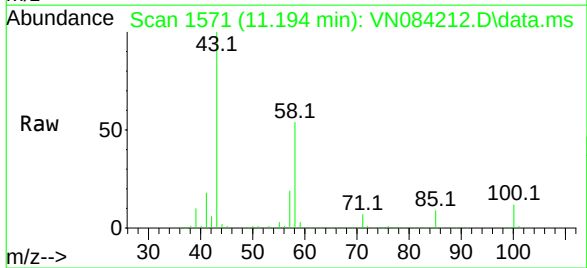
#59
2-Hexanone
Concen: 313.173 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 612607
Ion Ratio Lower Upper
43 100
58 55.0 27.3 81.8

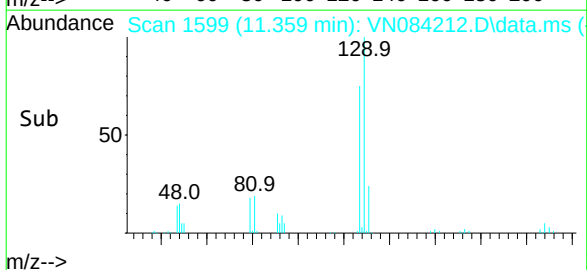
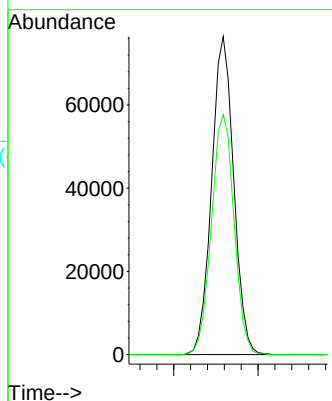
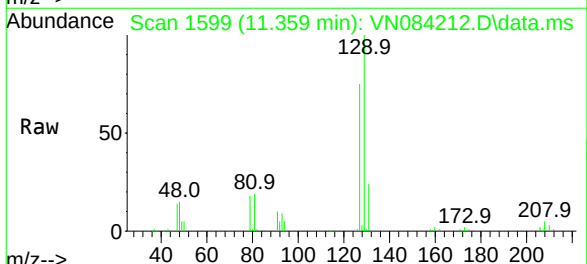
Manual Integrations
APPROVED

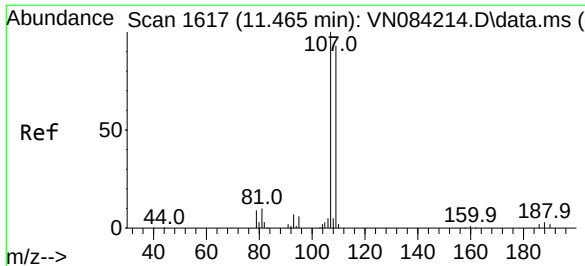
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#60
Dibromochloromethane
Concen: 64.461 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion:129 Resp: 139016
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.9





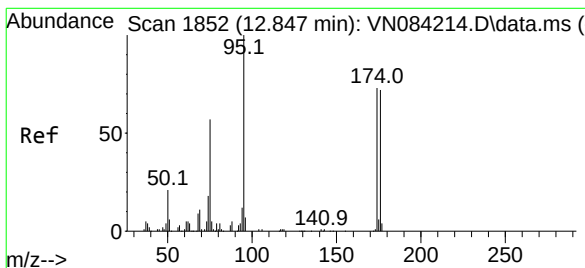
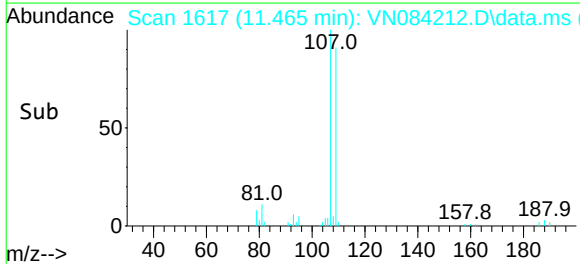
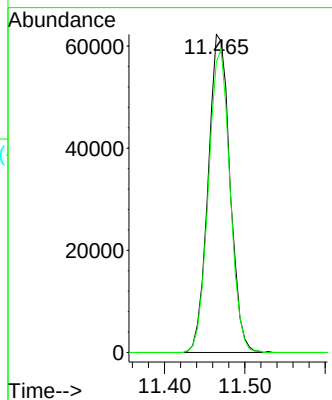
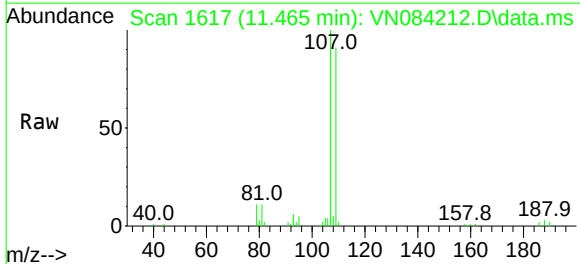
#61
1,2-Dibromoethane
Concen: 61.940 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 117475
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.0

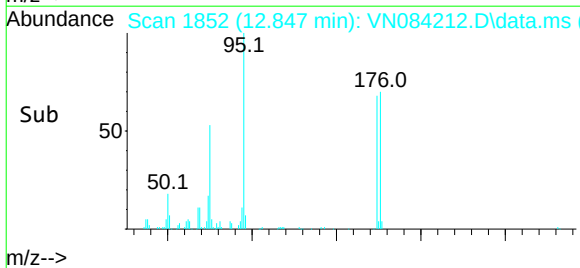
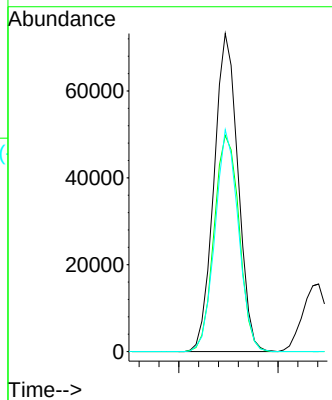
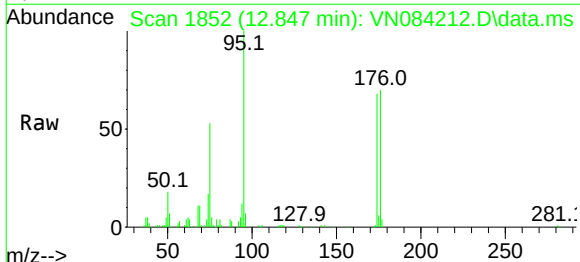
Manual Integrations
APPROVED

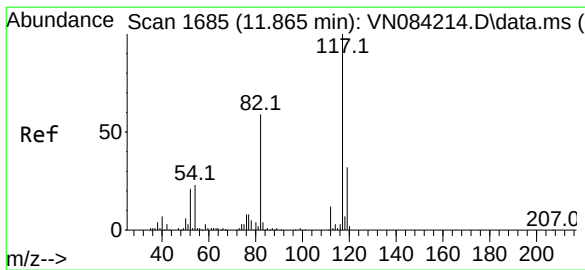
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#62
4-Bromofluorobenzene
Concen: 49.774 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

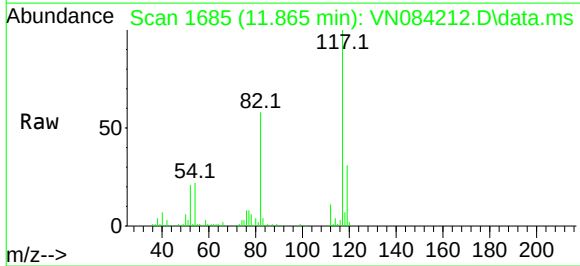
Tgt Ion: 95 Resp: 123082
Ion Ratio Lower Upper
95 100
174 70.8 0.0 145.2
176 68.2 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

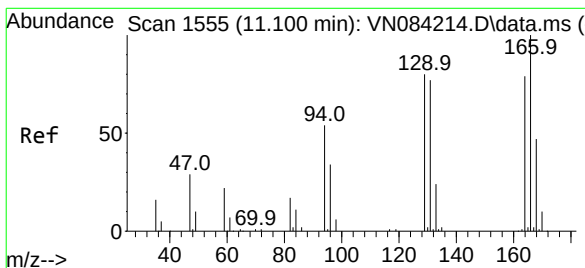
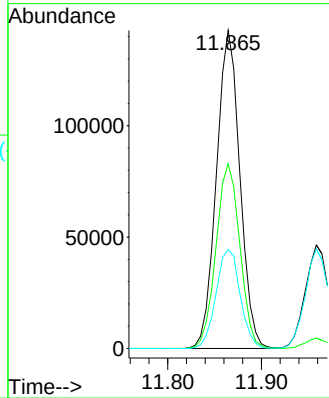
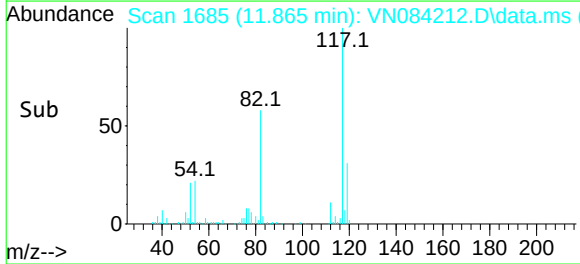
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



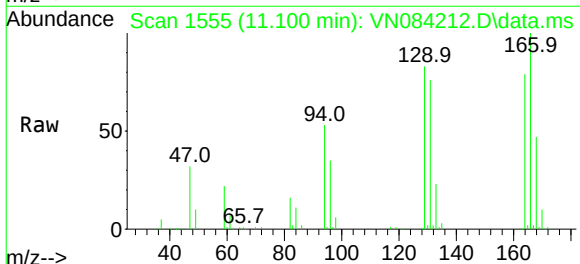
Tgt Ion:117 Resp: 248565
Ion Ratio Lower Upper
117 100
82 58.1 47.2 70.8
119 31.1 25.4 38.0

Manual Integrations
APPROVED

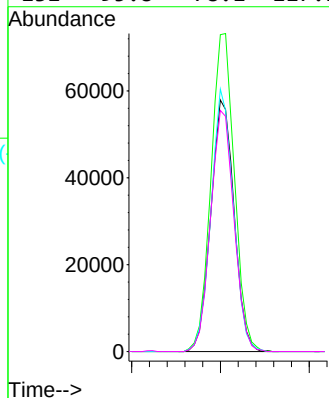
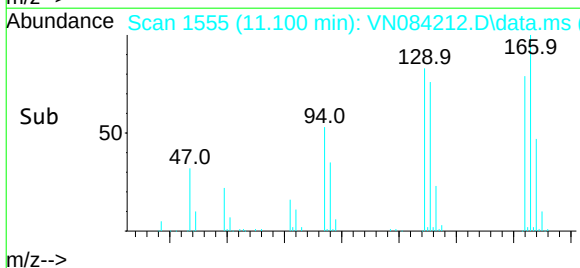
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

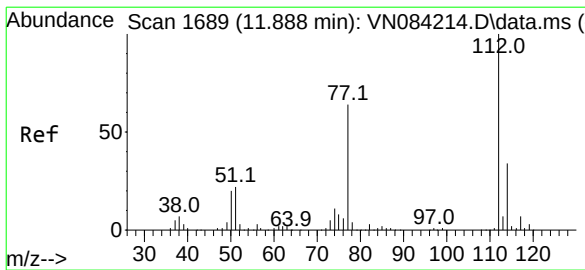


#64
Tetrachloroethene
Concen: 60.729 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45



Tgt Ion:164 Resp: 105139
Ion Ratio Lower Upper
164 100
166 126.0 101.0 151.4
129 104.3 80.8 121.2
131 95.8 78.1 117.1





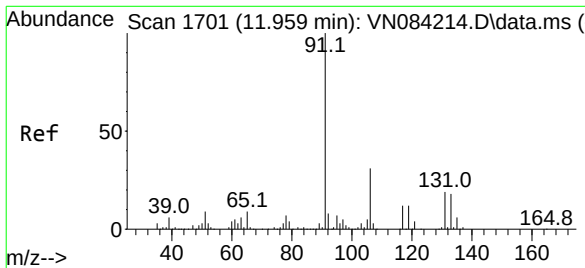
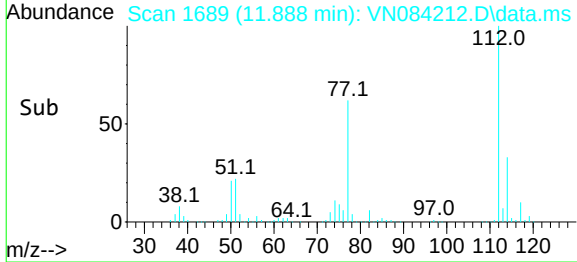
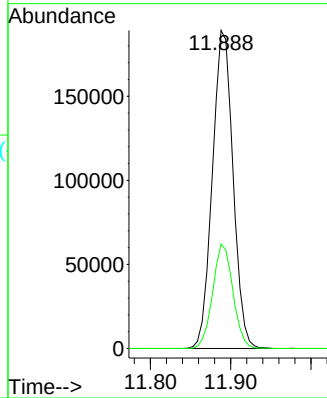
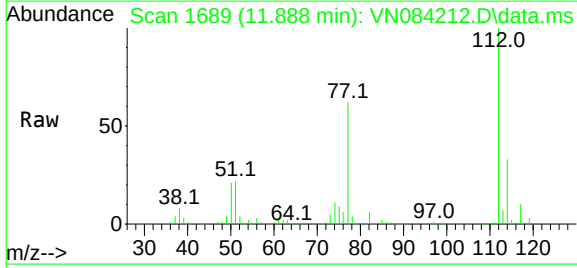
#65
Chlorobenzene
Concen: 61.213 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 337364
Ion Ratio Lower Upper
112 100
114 32.9 27.0 40.6

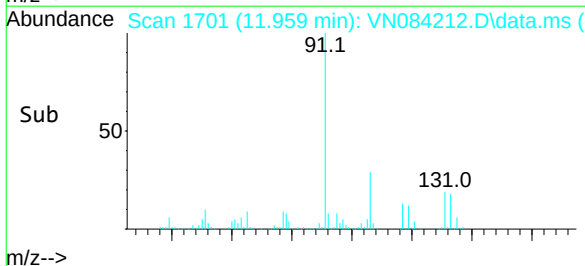
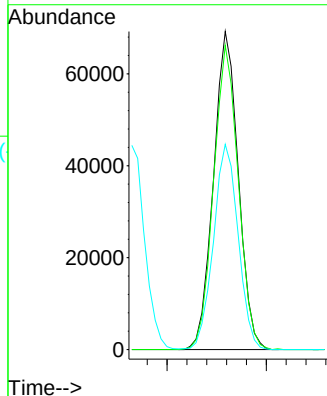
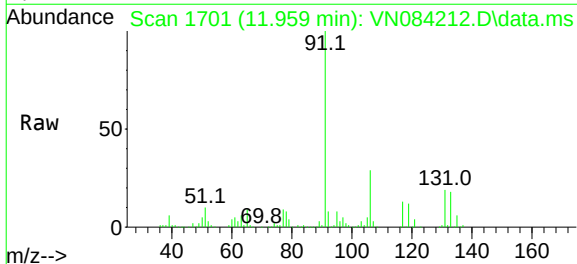
Manual Integrations
APPROVED

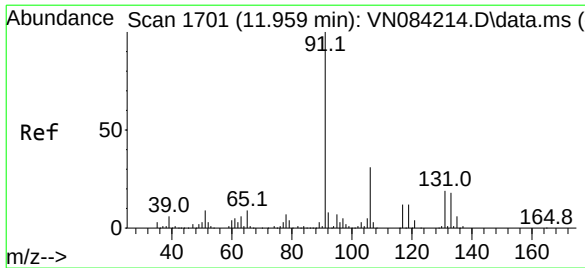
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 63.180 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion:131 Resp: 119934
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.7
119 64.3 32.8 98.3





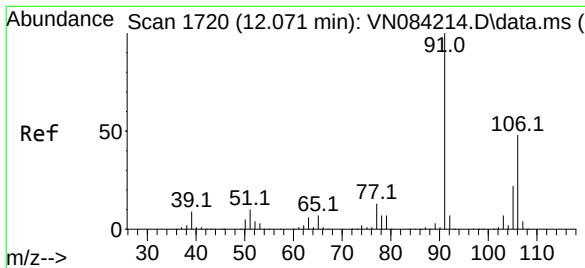
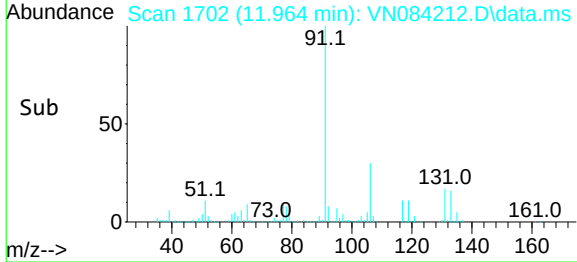
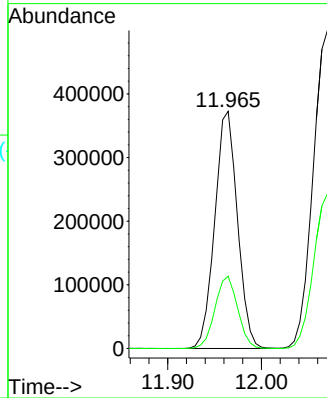
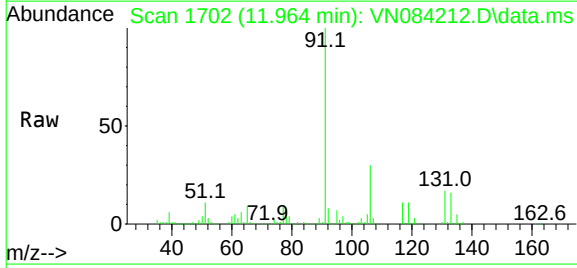
#67
Ethyl Benzene
Concen: 64.224 ug/l
RT: 11.964 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 625961
Ion Ratio Lower Upper
91 100
106 30.4 24.5 36.7

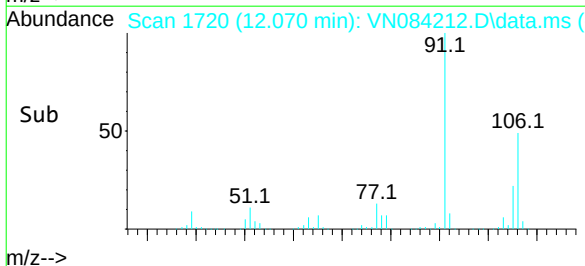
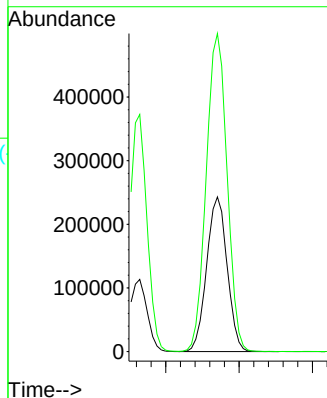
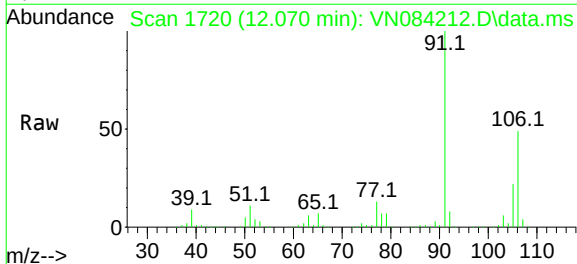
Manual Integrations
APPROVED

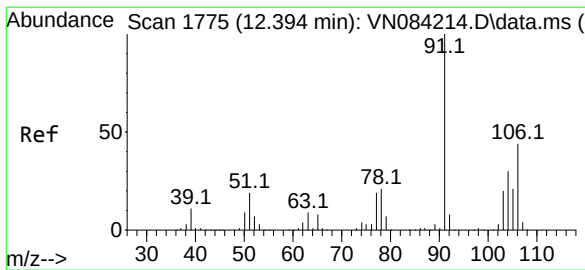
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#68
m/p-Xylenes
Concen: 130.753 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion:106 Resp: 471405
Ion Ratio Lower Upper
106 100
91 209.1 167.1 250.7





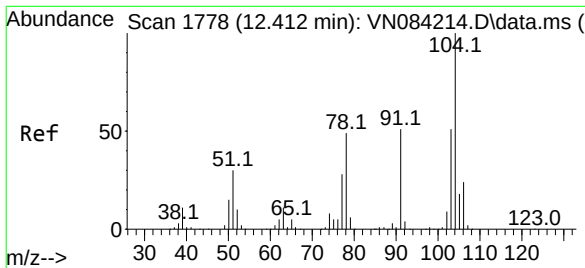
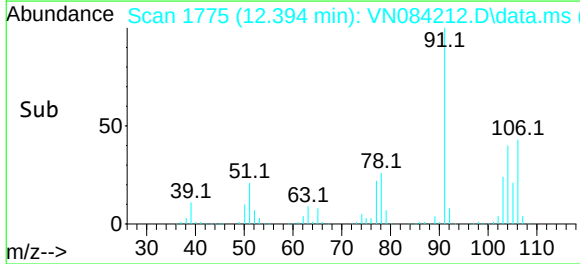
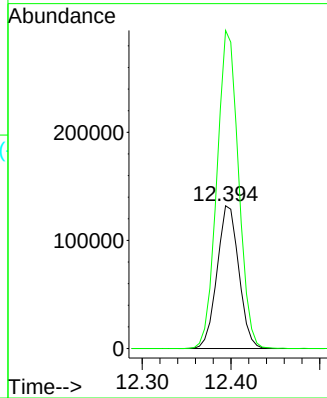
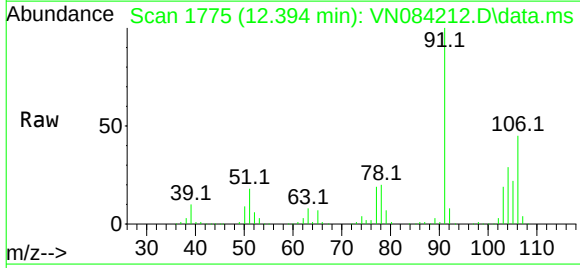
#69
o-Xylene
Concen: 65.853 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 224628
Ion Ratio Lower Upper
106 100
91 221.2 110.2 330.6

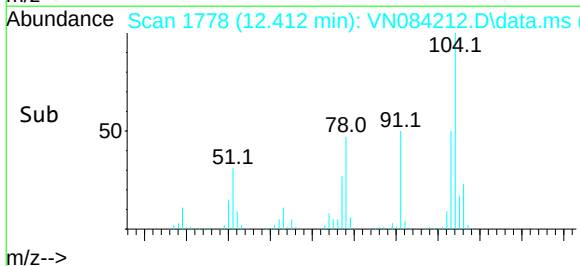
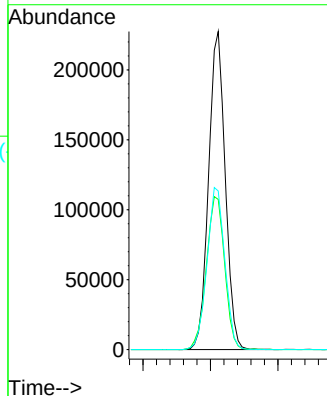
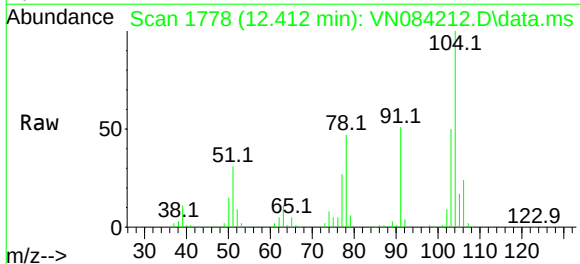
Manual Integrations
APPROVED

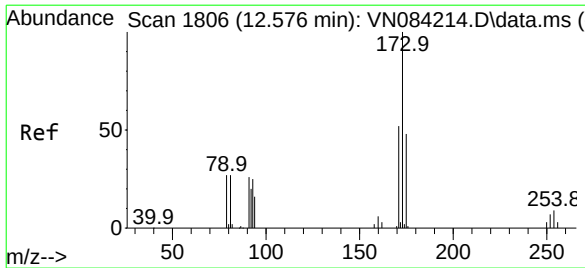
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#70
Styrene
Concen: 67.430 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion:104 Resp: 389591
Ion Ratio Lower Upper
104 100
78 52.8 42.7 64.1
103 54.5 43.6 65.4





#71

Bromoform

Concen: 64.478 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN084212.D

Acq: 30 Sep 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

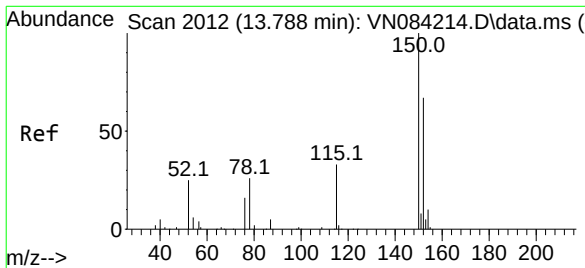
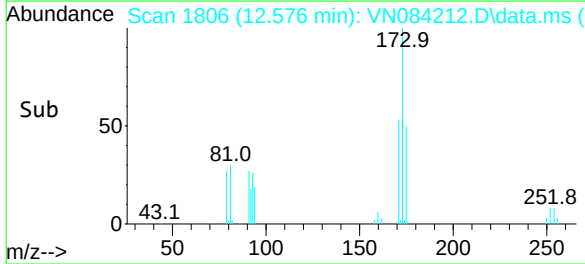
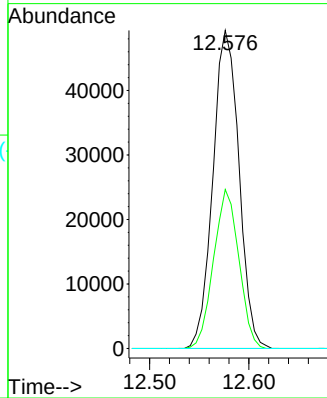
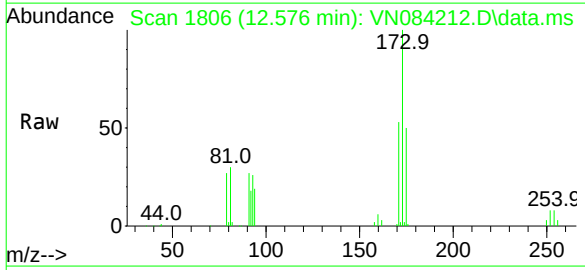
Tgt Ion:	173	Resp:	90114
Ion Ratio	Lower	Upper	
173	100		
175	48.5	23.5	70.6
254	0.0	0.0	0.0

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

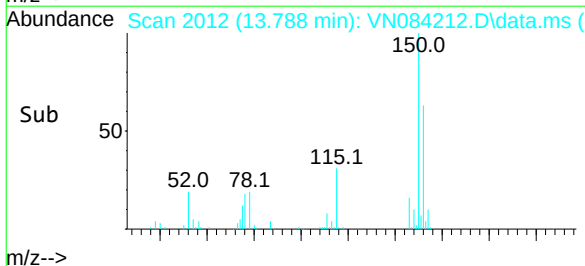
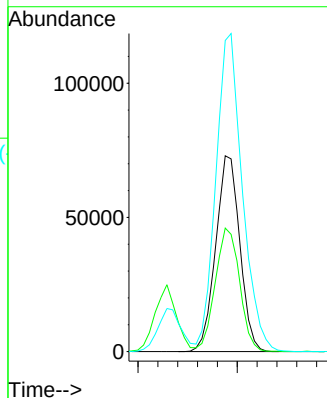
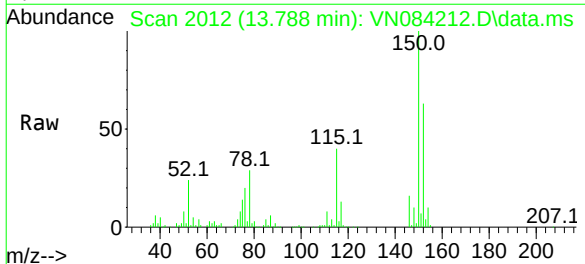
RT: 13.788 min Scan# 2012

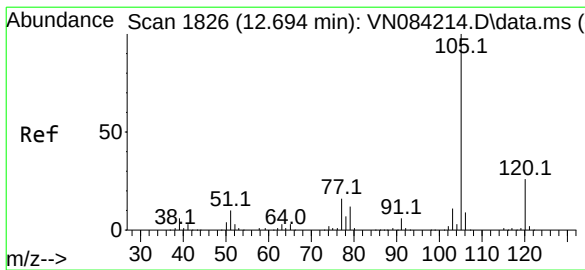
Delta R.T. -0.000 min

Lab File: VN084212.D

Acq: 30 Sep 2024 11:45

Tgt Ion:	152	Resp:	123066
Ion Ratio	Lower	Upper	
152	100		
115	63.7	31.3	93.9
150	178.4	0.0	349.8





#73
Isopropylbenzene
Concen: 61.914 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

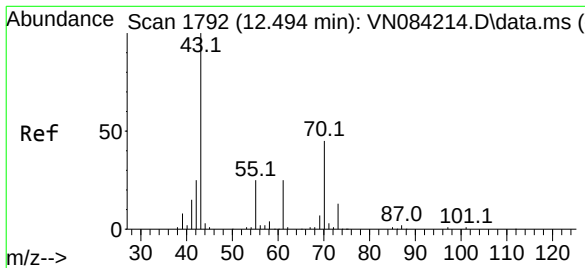
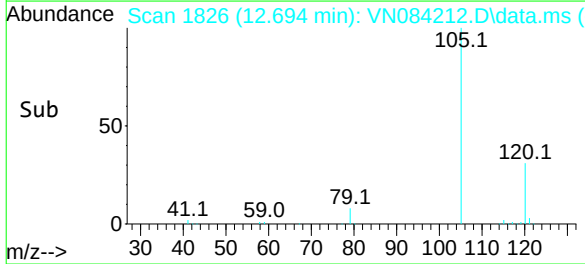
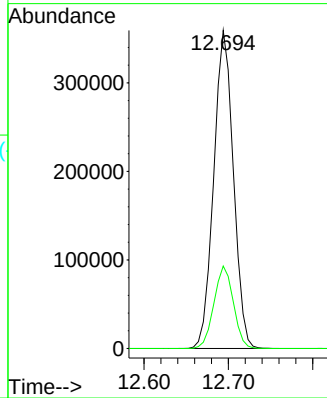
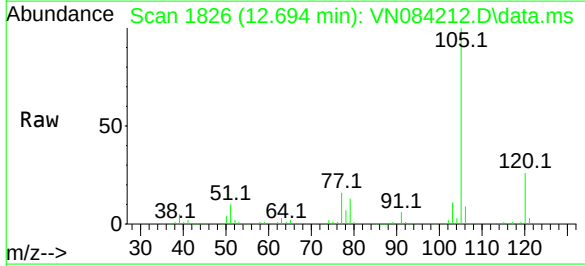
VSTDCCC050

Tgt Ion:105 Resp: 581439
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.7

Manual Integrations

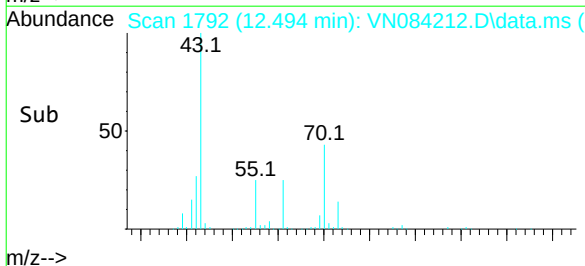
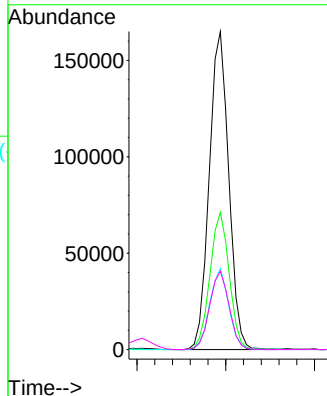
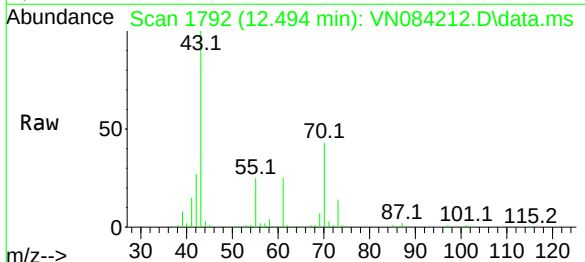
APPROVED

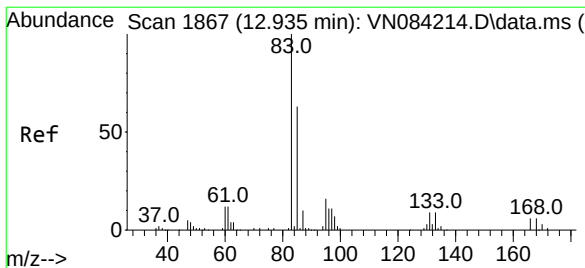
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#74
N-ethyl acetate
Concen: 59.081 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion: 43 Resp: 251246
Ion Ratio Lower Upper
43 100
70 42.8 34.4 51.6
55 25.0 19.6 29.4
61 24.7 19.6 29.4





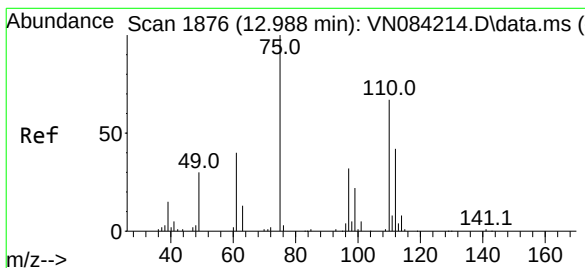
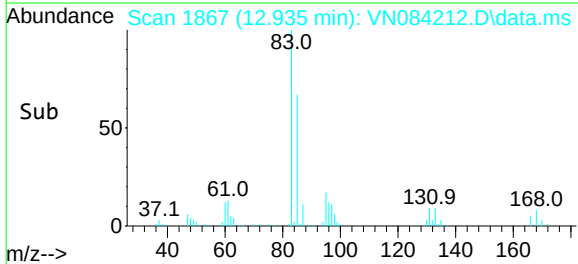
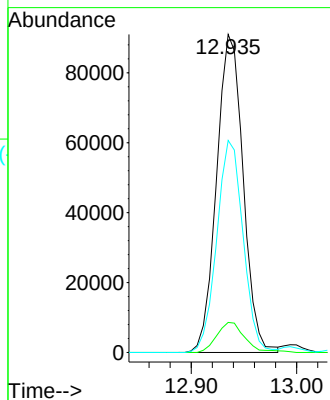
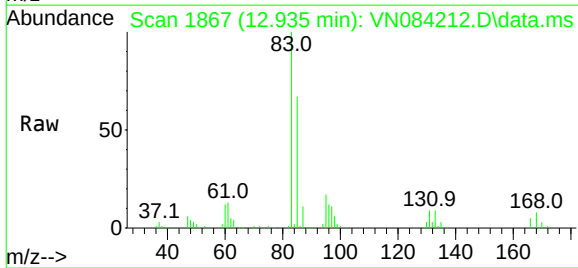
#75
1,1,2,2-Tetrachloroethane
Concen: 56.448 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	83	Resp:	159400
Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.7
85	66.1	31.9	95.7

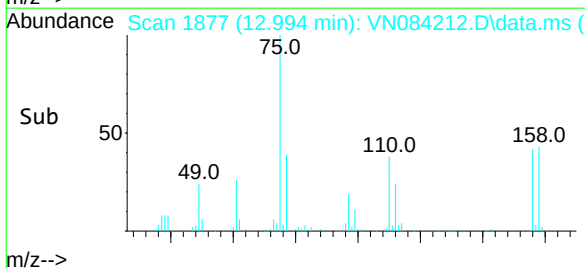
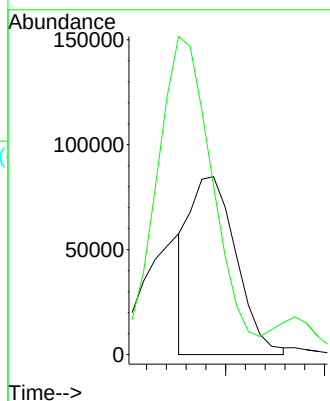
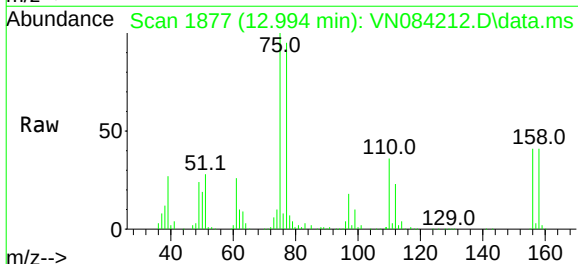
Manual Integrations
APPROVED

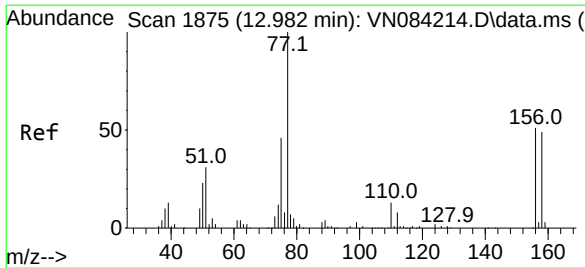
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#76
1,2,3-Trichloropropane
Concen: 55.255 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

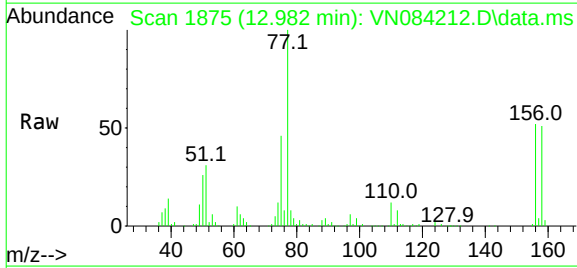
Tgt Ion:	75	Resp:	138824
Ion	Ratio	Lower	Upper
75	100		
77	216.4	96.9	290.7





#77
Bromobenzene
Concen: 59.771 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

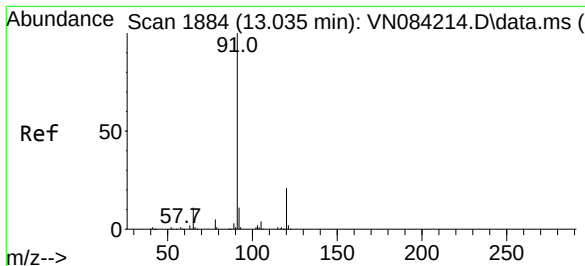
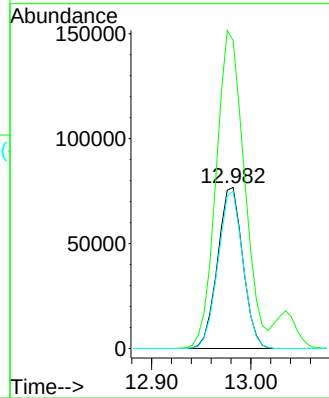
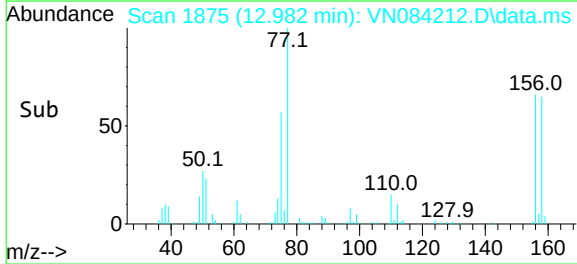
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 156 Resp: 135396
Ion Ratio Lower Upper
156 100
77 221.8 115.1 345.3
158 96.4 48.9 146.8

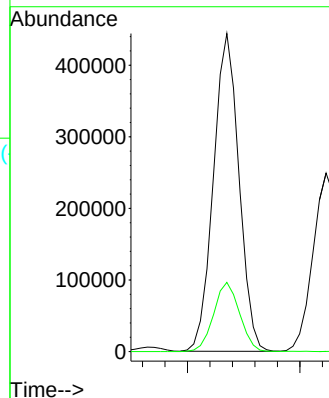
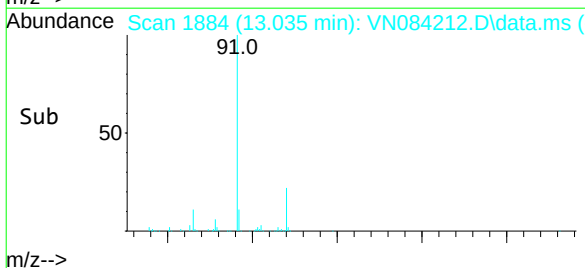
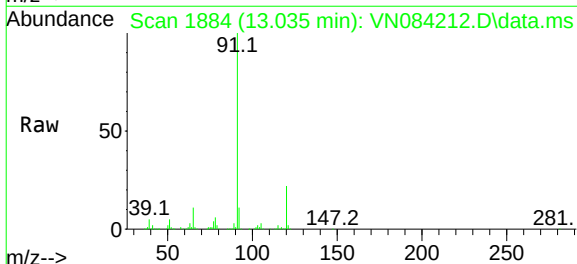
Manual Integrations
APPROVED

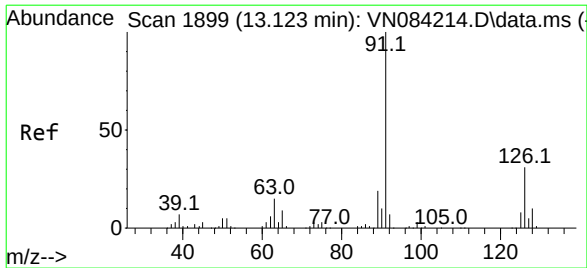
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#78
n-propylbenzene
Concen: 64.337 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion: 91 Resp: 700020
Ion Ratio Lower Upper
91 100
120 22.1 10.8 32.4





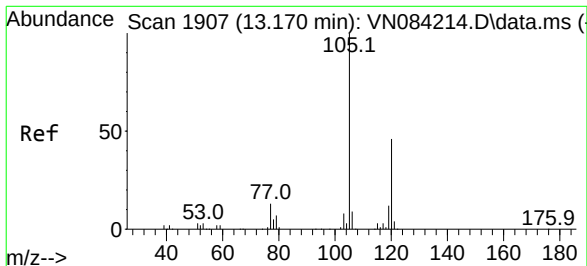
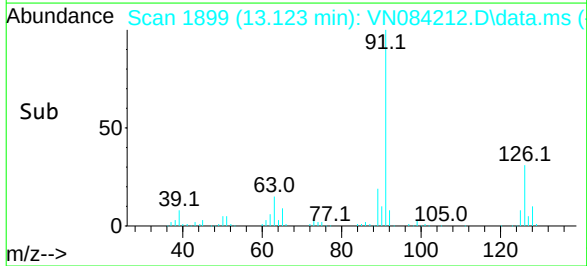
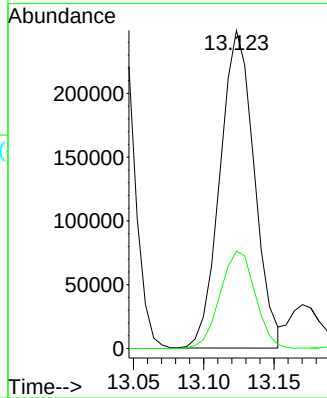
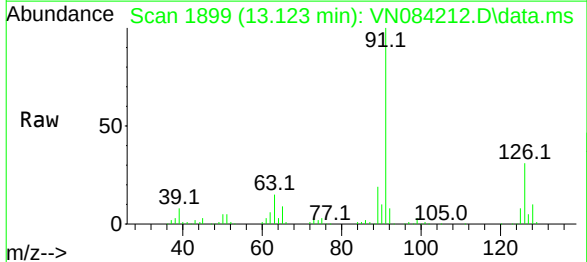
#79
2-Chlorotoluene
Concen: 60.649 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 421082
Ion Ratio Lower Upper
91 100
126 31.4 15.7 47.1

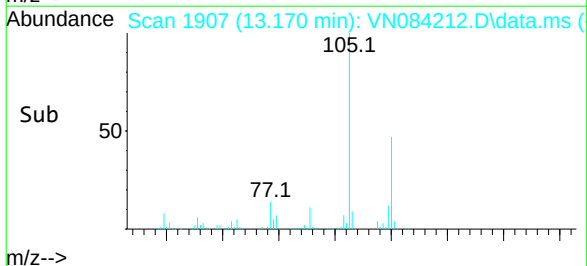
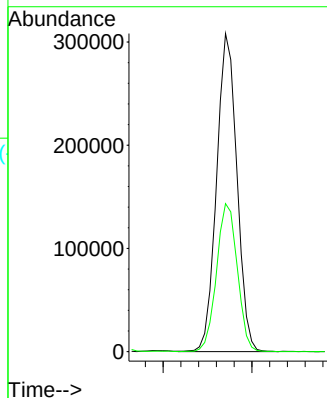
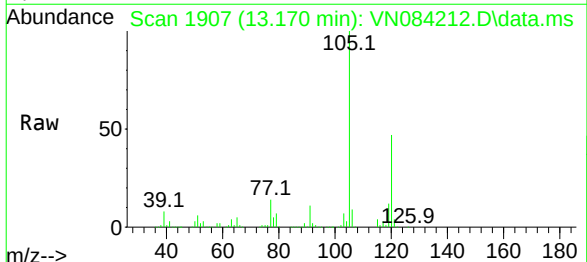
Manual Integrations
APPROVED

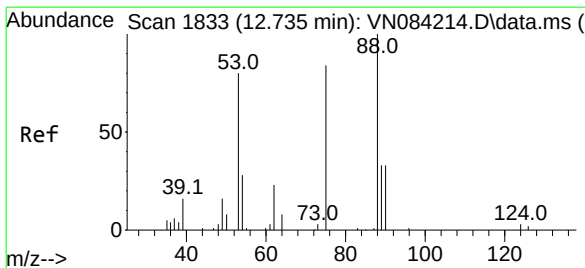
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 64.042 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion:105 Resp: 490588
Ion Ratio Lower Upper
105 100
120 47.5 23.7 71.1





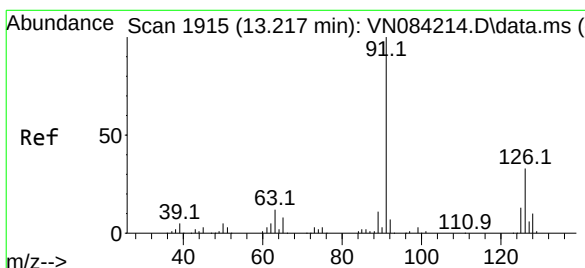
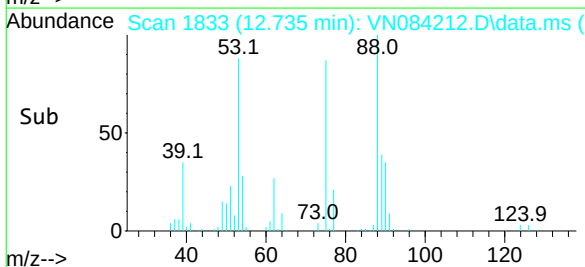
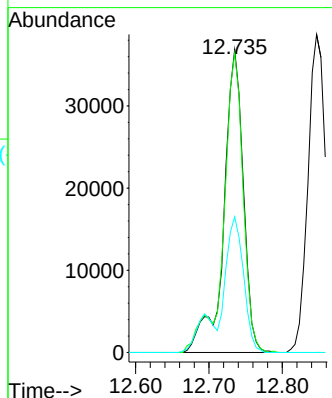
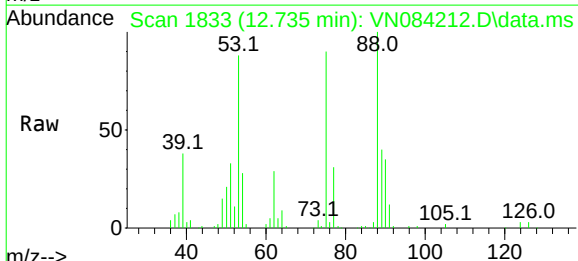
#81
trans-1,4-Dichloro-2-butene
Concen: 65.455 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	75	Resp:	68594
Ion	Ratio	Lower	Upper
75	100		
53	88.3	78.0	117.0
89	40.2	35.5	53.3

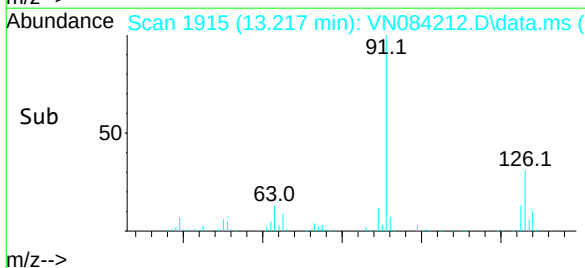
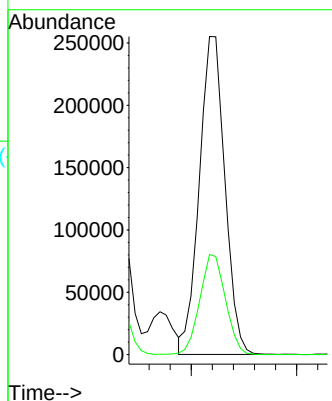
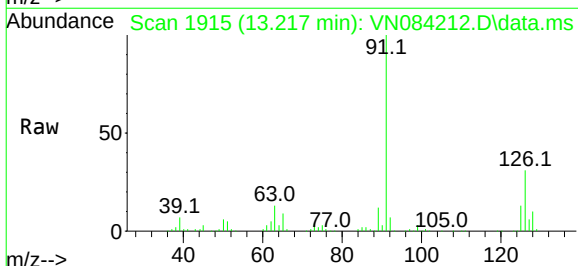
Manual Integrations
APPROVED

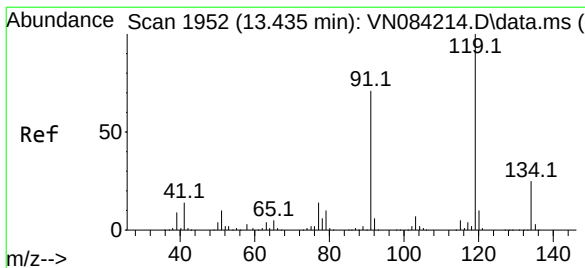
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#82
4-Chlorotoluene
Concen: 61.515 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion:	91	Resp:	429939
Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.7	47.1





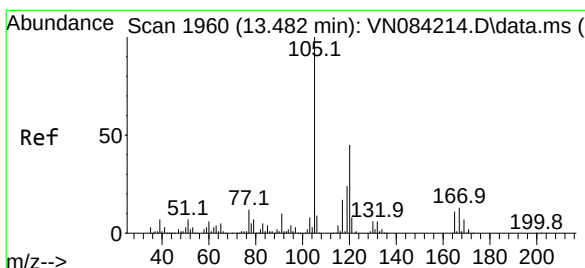
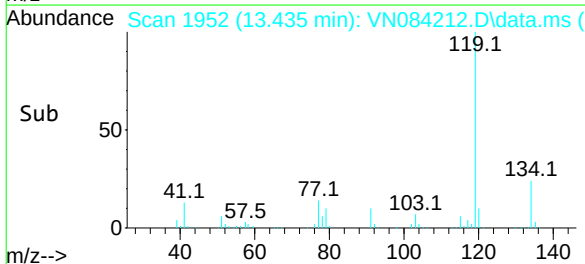
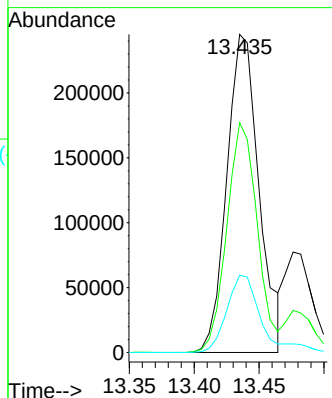
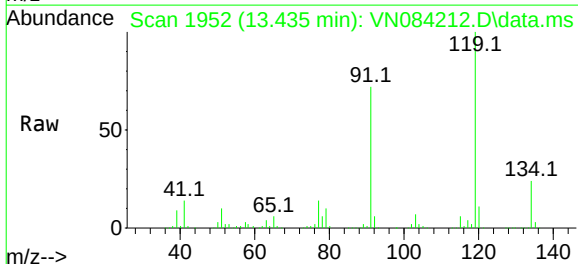
#83
tert-Butylbenzene
Concen: 62.270 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 423969
Ion Ratio Lower Upper
119 100
91 68.4 34.1 102.3
134 25.9 12.8 38.4

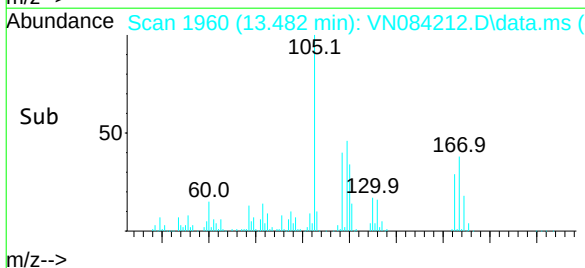
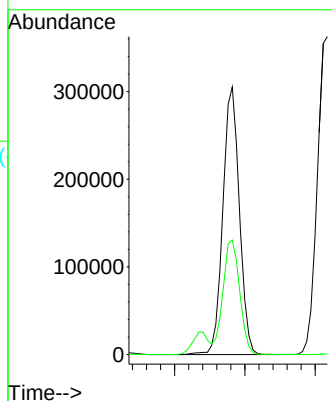
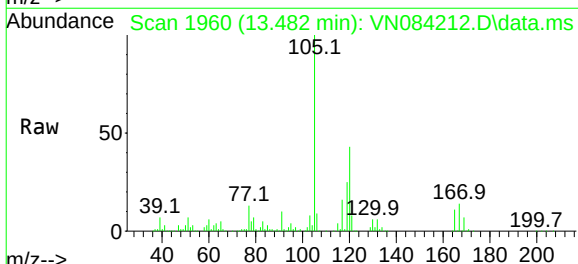
Manual Integrations
APPROVED

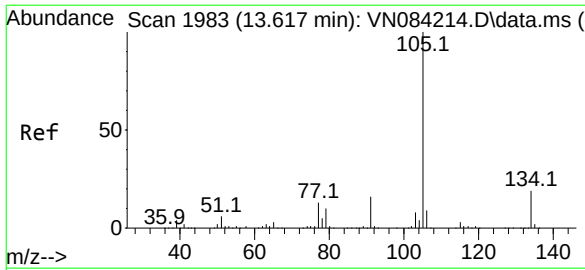
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#84
1,2,4-Trimethylbenzene
Concen: 64.527 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion:105 Resp: 497957
Ion Ratio Lower Upper
105 100
120 43.5 22.3 66.8





#85
sec-Butylbenzene
Concen: 65.155 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

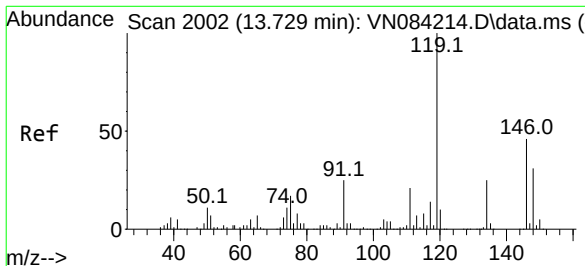
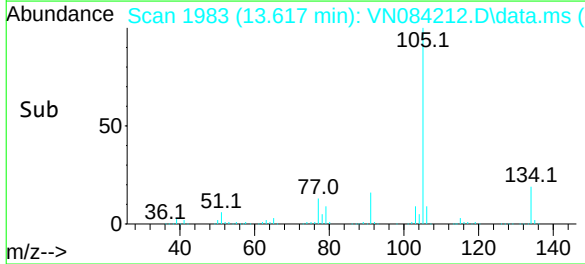
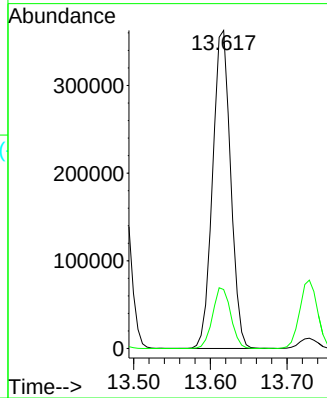
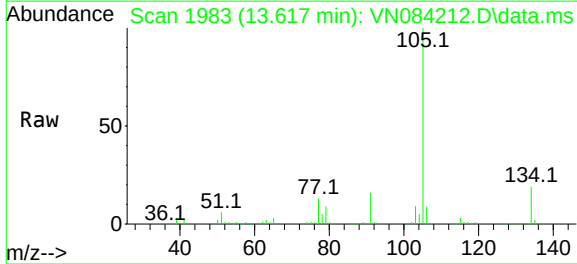
VSTDCCC050

Tgt Ion:105 Resp: 591966
Ion Ratio Lower Upper
105 100
134 19.2 9.8 29.4

Manual Integrations

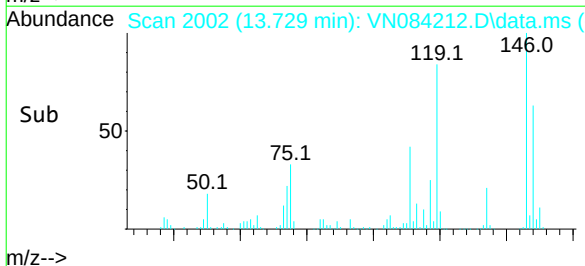
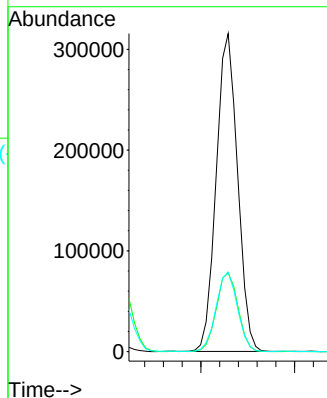
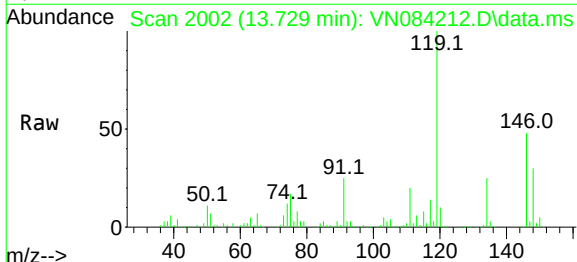
APPROVED

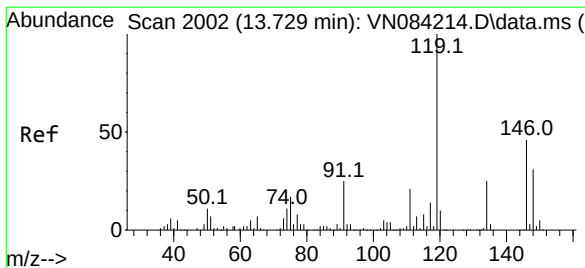
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#86
p-Isopropyltoluene
Concen: 66.460 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion:119 Resp: 499315
Ion Ratio Lower Upper
119 100
134 25.1 12.6 37.8
91 25.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 59.701 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN084212.D

Acq: 30 Sep 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 253703

Ion Ratio Lower Upper

146 100

111 42.5 21.8 65.3

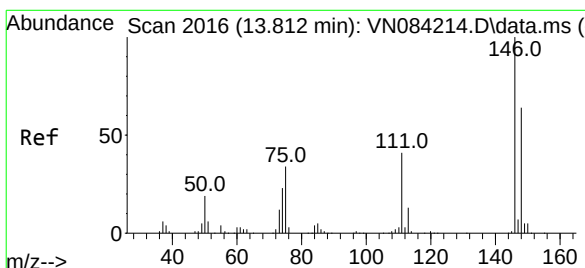
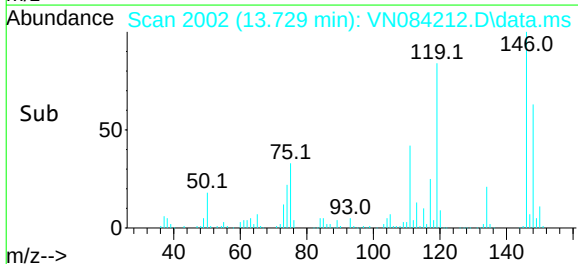
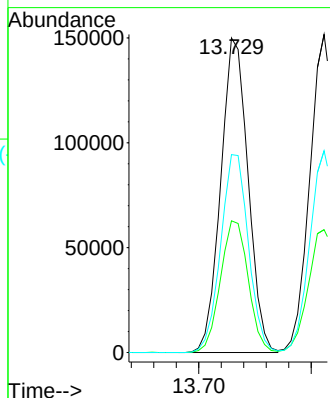
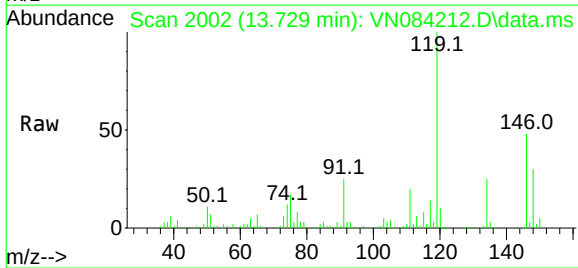
148 63.9 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#88

1,4-Dichlorobenzene

Concen: 59.112 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN084212.D

Acq: 30 Sep 2024 11:45

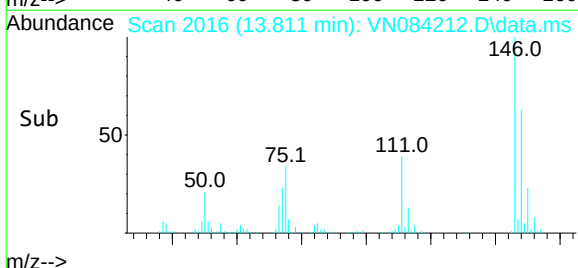
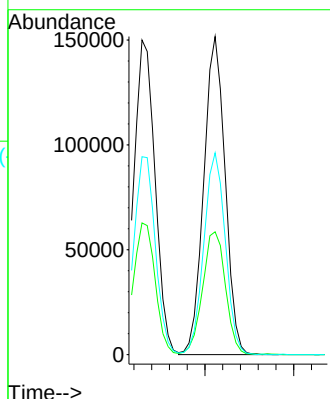
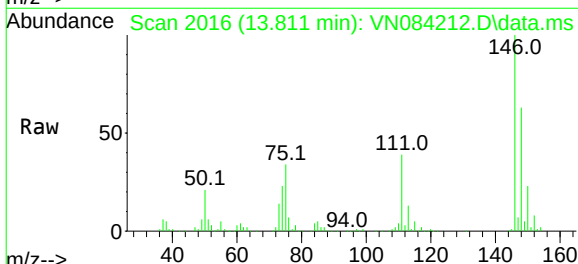
Tgt Ion:146 Resp: 253675

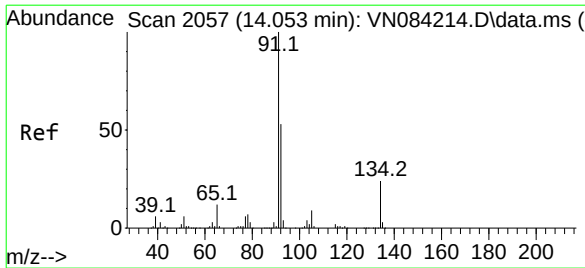
Ion Ratio Lower Upper

146 100

111 41.1 21.2 63.6

148 63.8 31.9 95.9





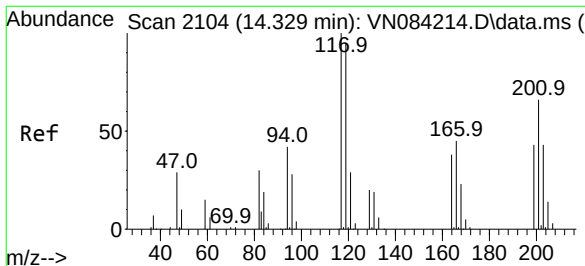
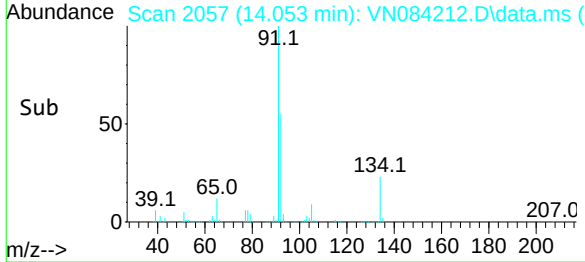
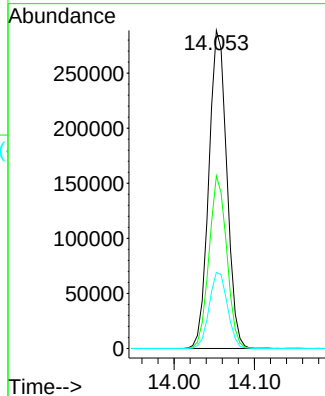
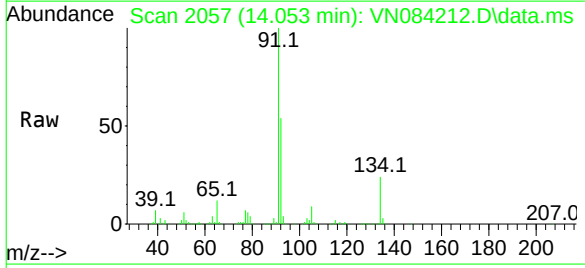
#89
n-Butylbenzene
Concen: 65.801 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	91	Resp:	448267
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.7
134	24.3	12.3	36.9

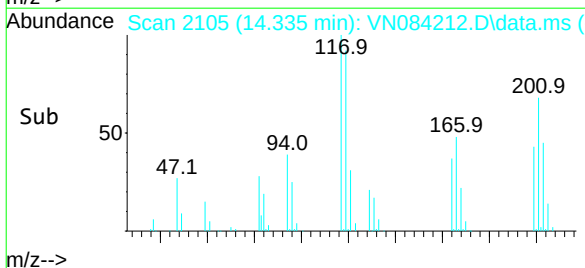
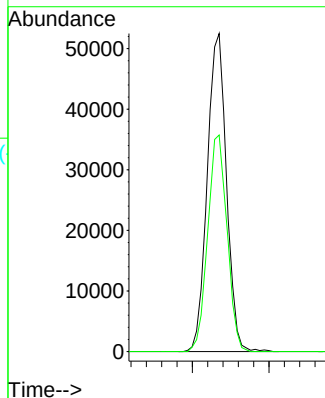
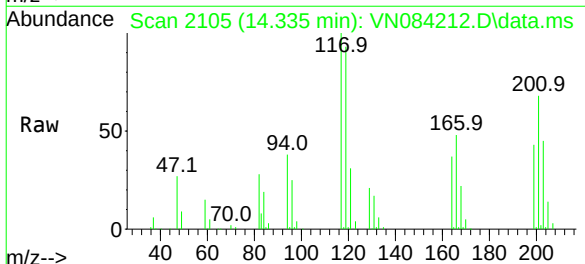
Manual Integrations
APPROVED

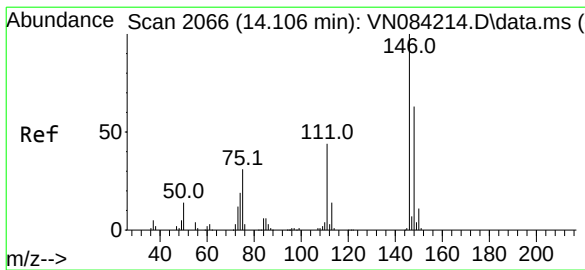
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#90
Hexachloroethane
Concen: 59.932 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion:	117	Resp:	91397
Ion	Ratio	Lower	Upper
117	100		
201	68.3	34.4	103.2





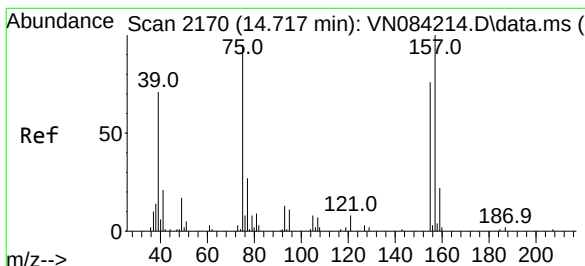
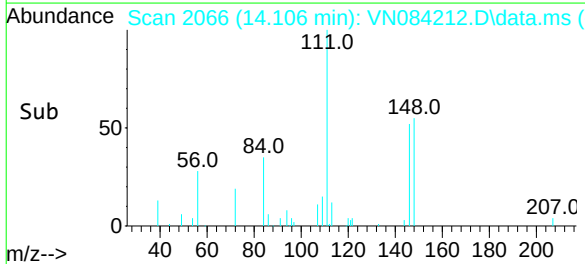
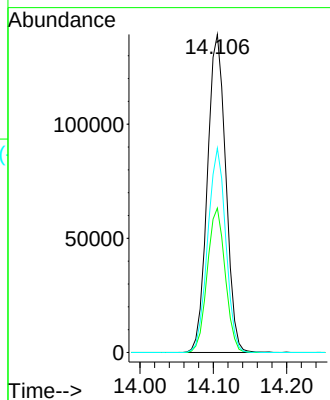
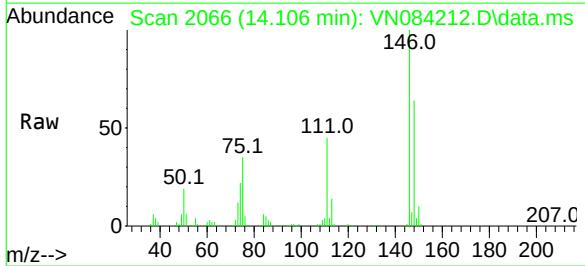
#91
1,2-Dichlorobenzene
Concen: 58.121 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.0	66.0
148	63.1	32.1	96.3

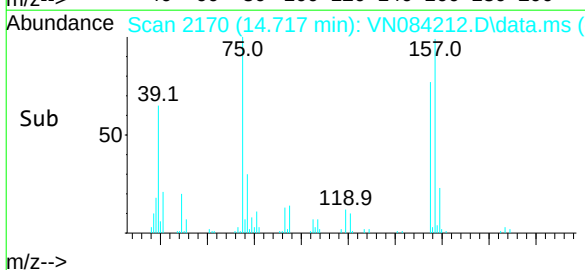
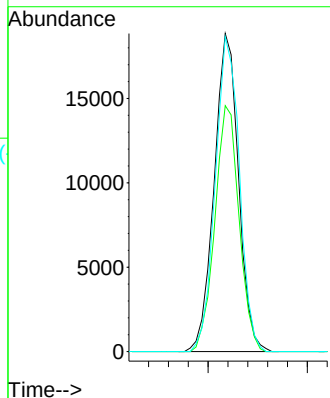
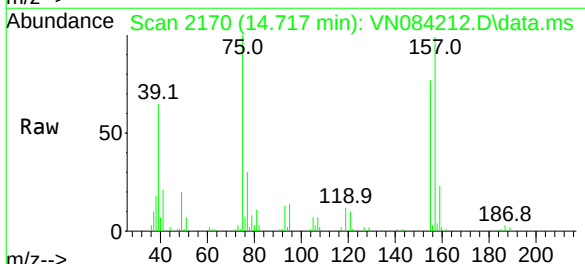
Manual Integrations
APPROVED

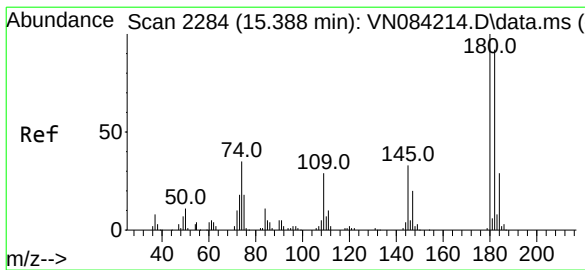
Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.021 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084212.D
Acq: 30 Sep 2024 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.9	38.1	114.5
157	97.9	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 63.064 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN084212.D

Acq: 30 Sep 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

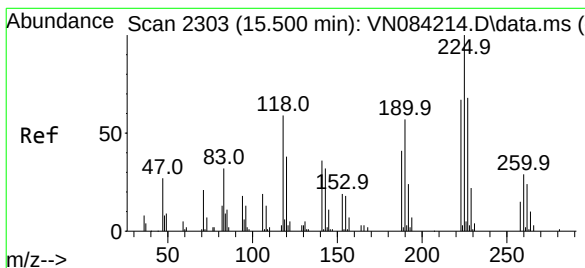
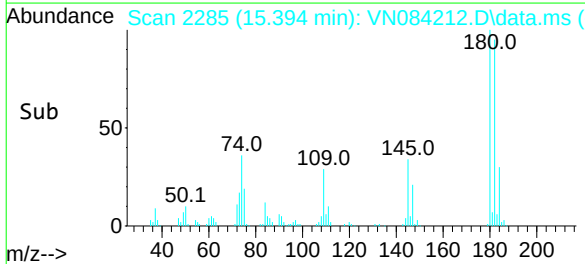
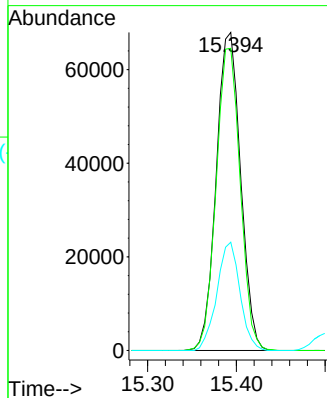
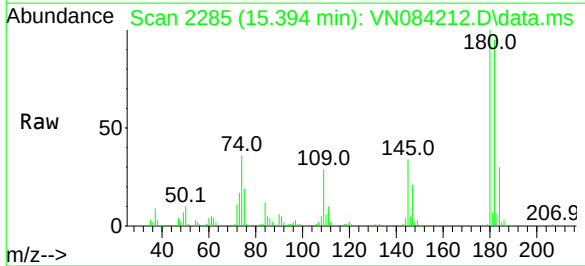
Tgt Ion:	180	Resp:	129434
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.0	141.0
145	32.4	16.4	49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#94

Hexachlorobutadiene

Concen: 55.951 ug/l

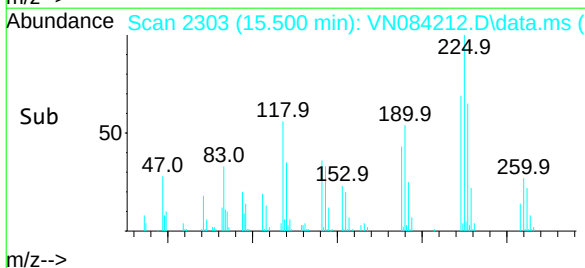
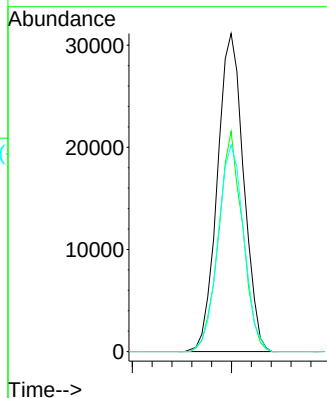
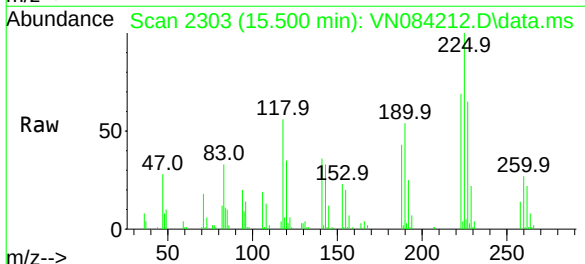
RT: 15.500 min Scan# 2303

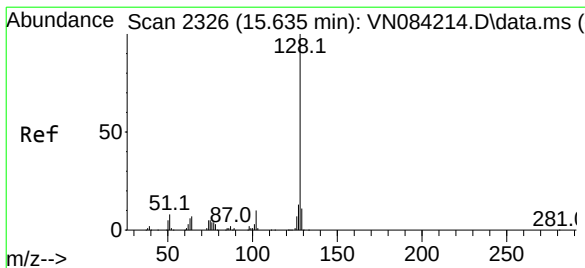
Delta R.T. -0.000 min

Lab File: VN084212.D

Acq: 30 Sep 2024 11:45

Tgt Ion:	225	Resp:	57268
Ion Ratio	Lower	Upper	
225	100		
223	63.3	32.4	97.2
227	64.0	32.4	97.0





#95

Naphthalene

Concen: 60.358 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084212.D

Acq: 30 Sep 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

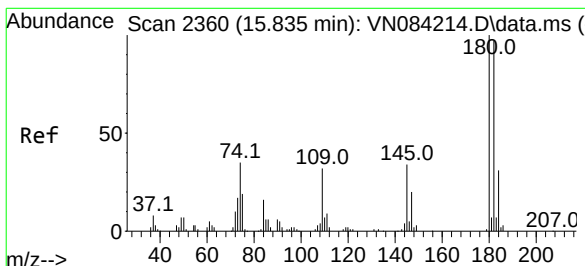
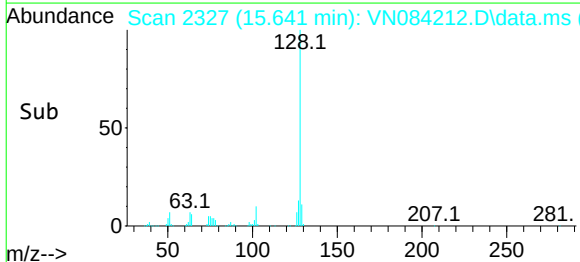
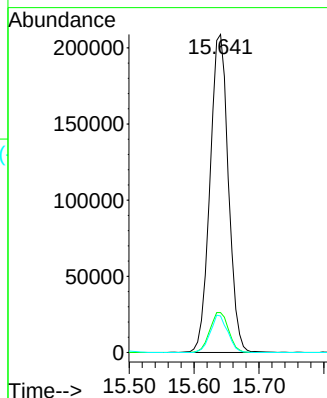
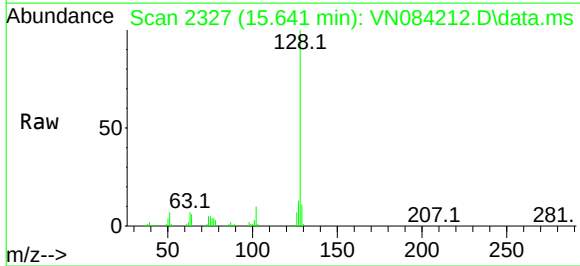
Tgt Ion:	128	Resp:	410686
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2024

Supervised By :Mahesh Dadoda 10/01/2024



#96

1,2,3-Trichlorobenzene

Concen: 61.177 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084212.D

Acq: 30 Sep 2024 11:45

Tgt Ion:	180	Resp:	125687
Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.2	144.6
145	34.7	17.3	51.9

