

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN084993.D
 Acq On : 21 Nov 2024 13:06
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/21/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 14:43:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	28886	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	153482	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	139091	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	68887	29.664	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.867%		
60) 4-Bromofluorobenzene	12.847	95	70386	29.390	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.967%		
63) Toluene-d8	10.565	98	195160	29.639	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	34647	20.622	ug/l	95
3) Chloromethane	2.359	50	38223	18.896	ug/l	95
4) Vinyl Chloride	2.512	62	37325	19.872	ug/l #	89
5) Bromomethane	2.901	94	18486	19.390	ug/l	95
6) Chloroethane	3.059	64	24682	20.014	ug/l	92
7) Trichlorofluoromethane	3.459	101	62253	20.408	ug/l	100
8) Diethyl Ether	3.953	74	22187	20.391	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.348	101	35229	20.435	ug/l	97
10) 1,1-Dichloroethene	4.318	96	32625	19.380	ug/l	92
11) Methyl Iodide	4.577	142	42675	18.444	ug/l	91
12) Methyl Acetate	5.018	43	47955	18.275	ug/l	94
13) Acrolein	4.177	56	35663	110.211	ug/l #	64
14) Acrylonitrile	5.718	53	86705	101.004	ug/l	98
15) Acetone	4.424	58	23843	108.097	ug/l	94
16) Carbon Disulfide	4.689	76	89960	18.161	ug/l	100
17) Allyl chloride	5.006	41	53993	18.823	ug/l	95
18) Methylene Chloride	5.265	84	37623	19.072	ug/l	98
19) trans-1,2-Dichloroethene	5.783	96	33662	19.077	ug/l	96
20) Diisopropyl ether	6.671	45	112205	19.540	ug/l	98
21) 1,1-Dichloroethane	6.559	63	66983	19.397	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	40462	19.207	ug/l	98
23) tert-Butyl Alcohol	5.536	59	35915	119.841	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	106871	19.631	ug/l	98
25) Chloroform	7.959	83	70494	19.924	ug/l	98
26) Cyclohexane	8.253	56	52351	19.846	ug/l #	99
29) 1,1-Dichloropropene	8.365	75	45586	19.719	ug/l	100
30) 2-Butanone	7.483	43	117104	109.815	ug/l	99
31) 2,2-Dichloropropane	7.489	77	60506	21.441	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	65090	20.725	ug/l	98
33) Carbon Tetrachloride	8.359	117	54482	20.329	ug/l	96
34) Benzene	8.600	78	151151	19.781	ug/l	99
35) Methacrylonitrile	7.771	41	26237	20.759	ug/l	92
36) 1,2-Dichloroethane	8.665	62	52361	20.606	ug/l	100
37) Trichloroethene	9.347	130	34430	19.973	ug/l	93
38) Methylcyclohexane	9.594	83	45253	18.184	ug/l	96
39) 1,2-Dichloropropane	9.618	63	36119	19.636	ug/l	98
40) Dibromomethane	9.706	93	27038	21.012	ug/l	97
41) Bromodichloromethane	9.882	83	53878	19.531	ug/l	99
42) Vinyl Acetate	6.600	43	400230	100.410	ug/l	99

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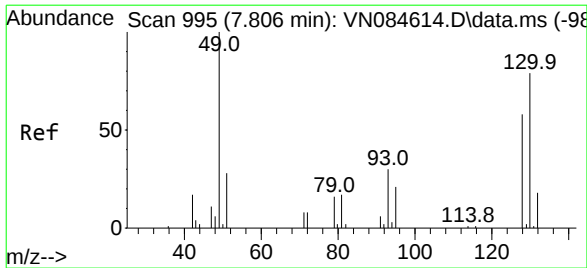
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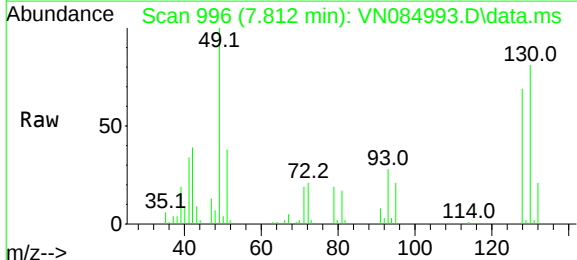
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	45449	20.283	ug/l	97
44) Isopropyl Acetate	8.688	43	92397	20.364	ug/l	96
45) 1,4-Dioxane	9.694	88	13107	432.696	ug/l	96
46) Methyl methacrylate	9.677	41	35544	19.494	ug/l	91
47) n-amyl Acetate	12.494	43	65572	19.351	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	52216	19.170	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	56649	19.405	ug/l	93
50) 1,1,2-Trichloroethane	11.018	97	36016	20.866	ug/l	96
51) Ethyl methacrylate	10.871	69	51755	19.452	ug/l	98
52) 1,3-Dichloropropane	11.159	76	61338	20.473	ug/l	100
53) Dibromochloromethane	11.359	129	40723	20.161	ug/l	96
54) 1,2-Dibromoethane	11.465	107	35101	20.107	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	124944	95.787	ug/l	99
56) Bromoform	12.576	173	26655	19.687	ug/l	97
58) 4-Methyl-2-Pentanone	10.441	43	239631	109.205	ug/l	100
59) 2-Hexanone	11.194	43	173896	108.224	ug/l	99
61) Tetrachloroethene	11.100	164	28647	19.679	ug/l	92
62) Toluene	10.629	91	159783	20.169	ug/l	98
64) Chlorobenzene	11.888	112	95430	19.954	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	37057	21.084	ug/l	96
66) Ethyl Benzene	11.959	91	159442	19.151	ug/l	95
67) m/p-Xylenes	12.071	106	126941	39.825	ug/l	99
68) o-Xylene	12.394	106	61920	20.138	ug/l	98
69) Styrene	12.412	104	99744	19.347	ug/l	99
70) Isopropylbenzene	12.694	105	150387	19.689	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	54318	21.940	ug/l	96
72) 1,2,3-Trichloropropane	12.988	75	42678m	20.188	ug/l	
73) Bromobenzene	12.982	156	38343	19.463	ug/l	97
74) n-propylbenzene	13.035	91	173761	19.455	ug/l	100
75) 2-Chlorotoluene	13.123	91	114497	19.685	ug/l	97
76) 1,3,5-Trimethylbenzene	13.170	105	130063	19.930	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	15937	18.381	ug/l	94
78) 4-Chlorotoluene	13.218	91	113082	19.243	ug/l	99
79) tert-butylbenzene	13.435	119	110417	20.459	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	130269	19.786	ug/l	99
81) sec-Butylbenzene	13.618	105	145013	19.500	ug/l	100
82) p-Isopropyltoluene	13.729	119	119914	19.190	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	70695	19.404	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	68398	18.999	ug/l	97
85) n-Butylbenzene	14.053	91	94390	17.986	ug/l	99
86) Hexachloroethane	14.329	117	25524	19.973	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	71765	19.989	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11036	23.103	ug/l	95
89) 1,2,4-Trichlorobenzene	15.841	180	31524	18.033	ug/l	97
90) Hexachlorobutadiene	15.500	225	16347	21.408	ug/l	92
91) Naphthalene	15.641	128	99167	17.764	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	31524	18.033	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

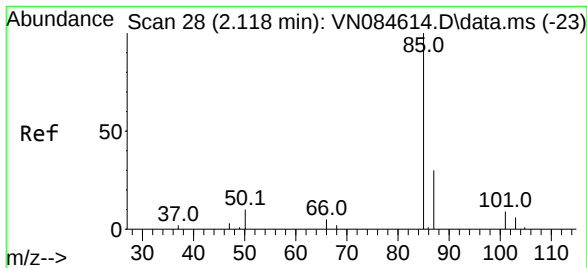
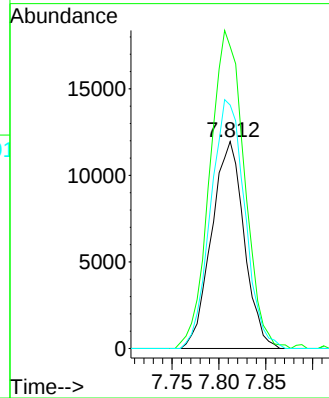
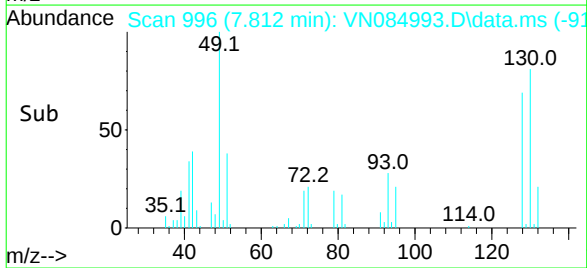
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 28886
Ion Ratio Lower Upper
128 100
49 162.4 0.0 427.0
130 126.1 0.0 322.2

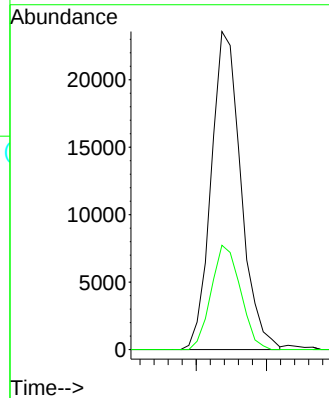
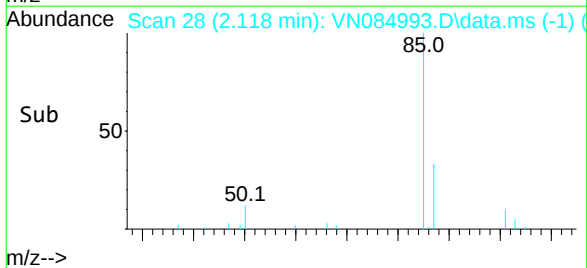
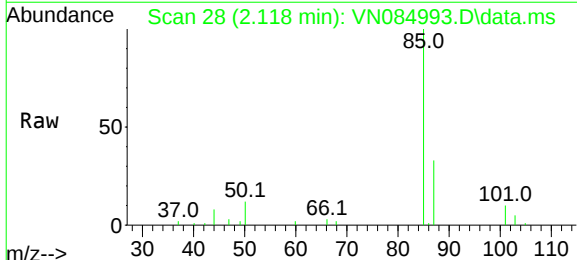
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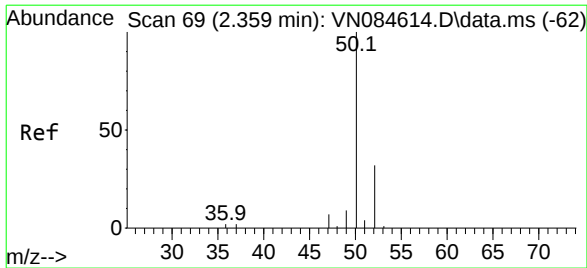
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#2
Dichlorodifluoromethane
Concen: 20.622 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

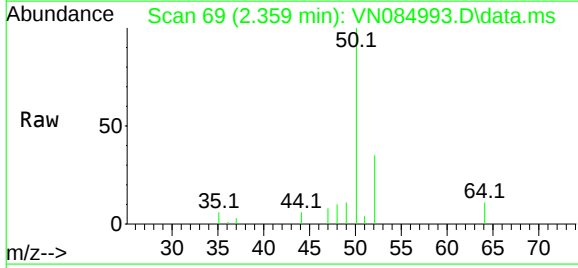
Tgt Ion: 85 Resp: 34647
Ion Ratio Lower Upper
85 100
87 32.8 14.9 44.9





#3
Chloromethane
Concen: 18.896 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

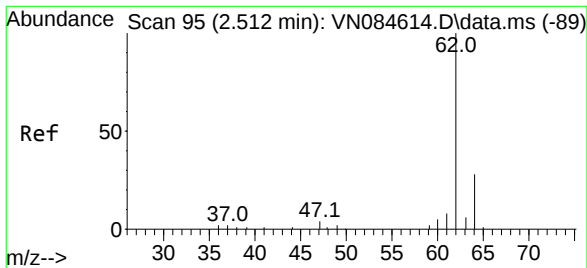
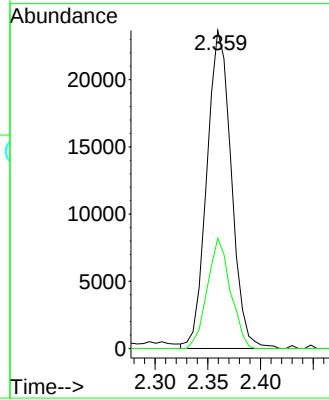
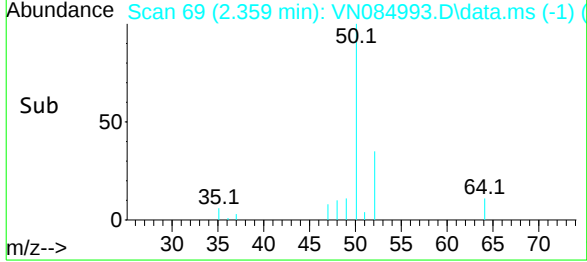
Instrument :
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ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 38223
Ion Ratio Lower Upper
50 100
52 34.6 25.5 38.3

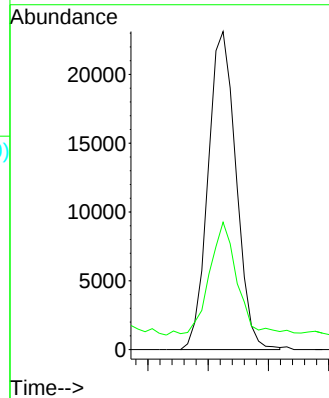
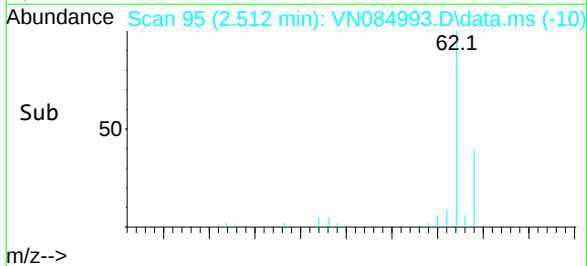
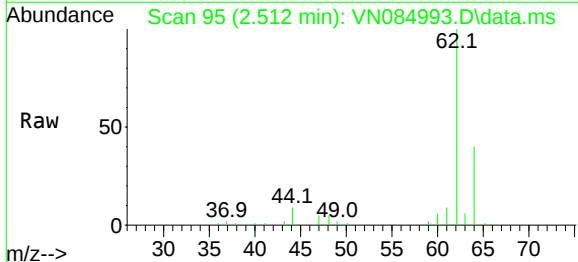
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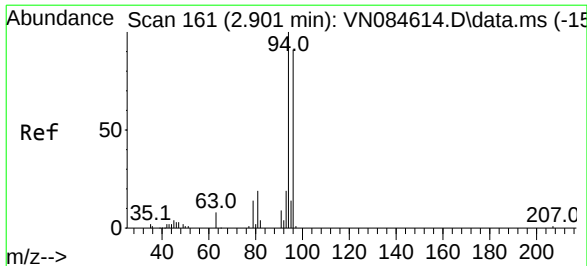
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#4
Vinyl Chloride
Concen: 19.872 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Tgt Ion: 62 Resp: 37325
Ion Ratio Lower Upper
62 100
64 35.0 23.1 34.7





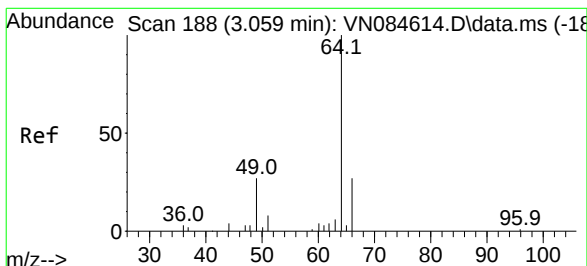
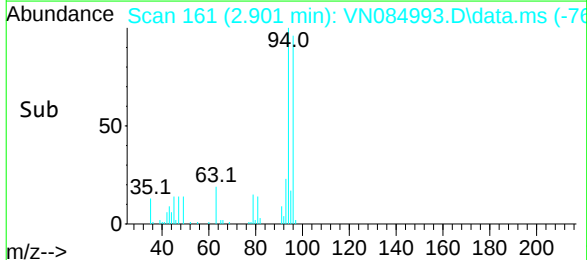
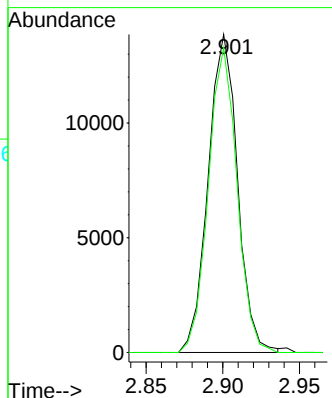
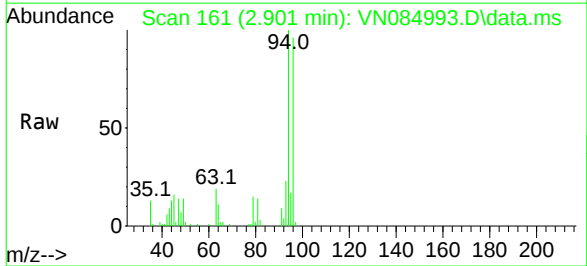
#5
Bromomethane
Concen: 19.390 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Instrument :
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Tgt Ion: 94 Resp: 18486
Ion Ratio Lower Upper
94 100
96 95.8 72.7 109.1

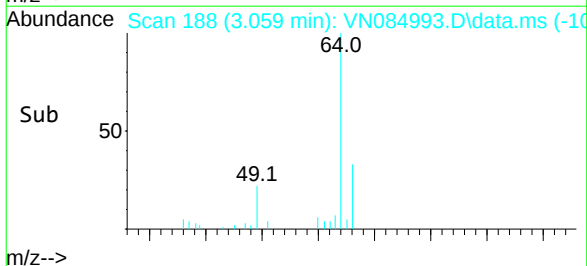
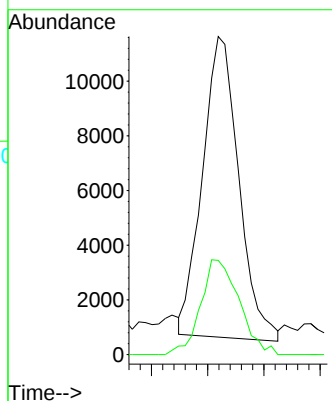
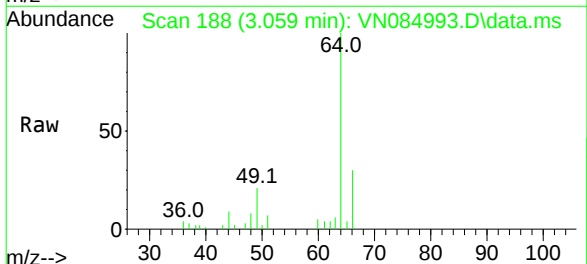
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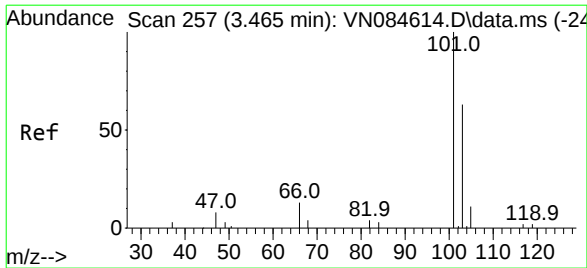
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#6
Chloroethane
Concen: 20.014 ug/l
RT: 3.059 min Scan# 188
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

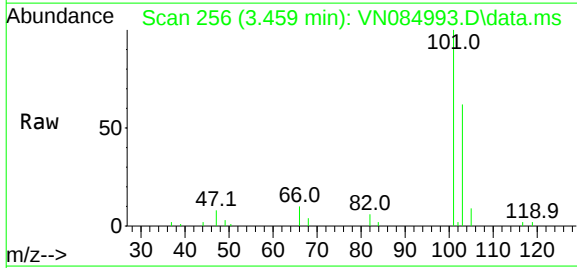
Tgt Ion: 64 Resp: 24682
Ion Ratio Lower Upper
64 100
66 32.0 22.1 33.1





Trichlorofluoromethane
 Concen: 20.408 ug/l
 RT: 3.459 min Scan# 257
 Delta R.T. -0.006 min
 Lab File: VN084993.D
 Acq: 21 Nov 2024 13:06

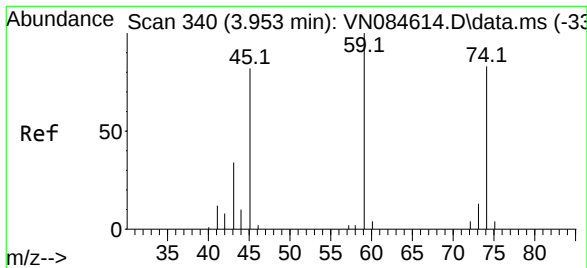
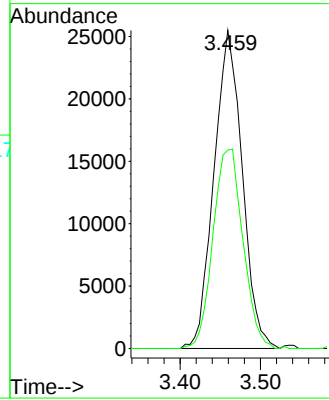
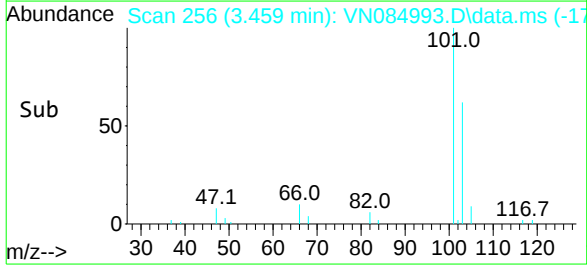
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Tgt Ion: 101 Resp: 62253
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.1 75.1

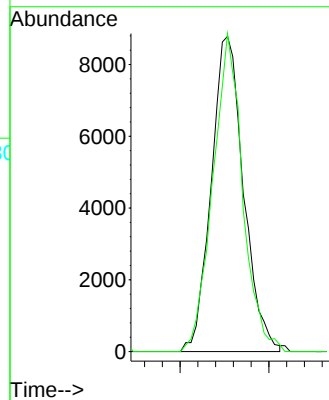
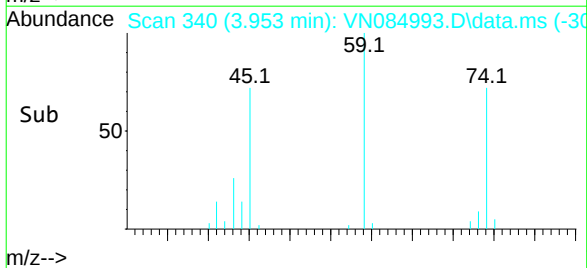
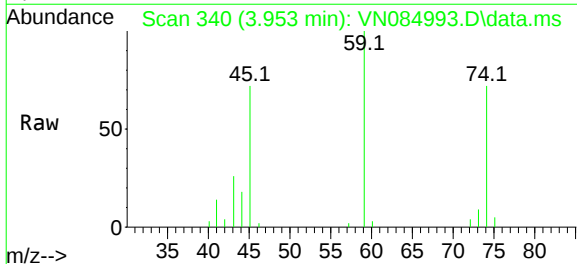
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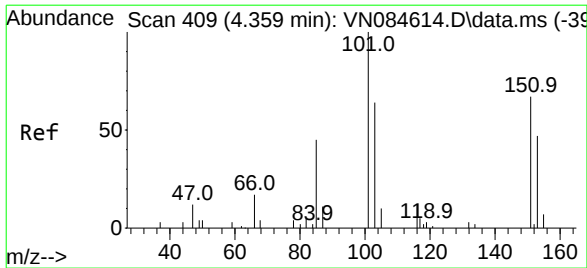
Reviewed By : John Carlone 11/21/2024
 Supervised By : Mahesh Dadoda 11/22/2024



Diethyl Ether
 Concen: 20.391 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN084993.D
 Acq: 21 Nov 2024 13:06

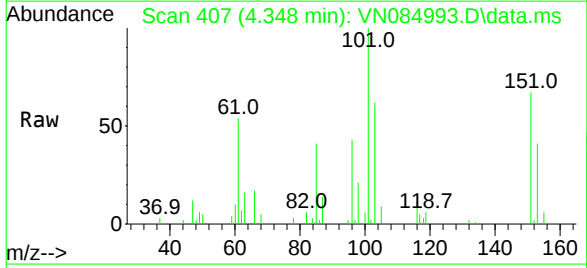
Tgt Ion: 74 Resp: 22187
 Ion Ratio Lower Upper
 74 100
 45 93.0 19.8 178.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.435 ug/l
RT: 4.348 min Scan# 40
Delta R.T. -0.012 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

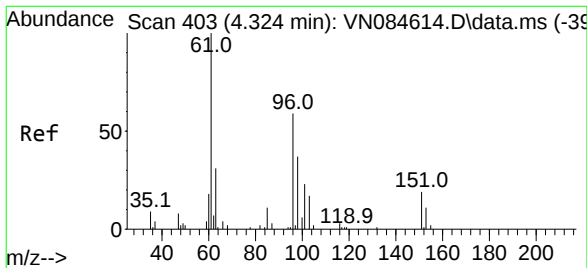
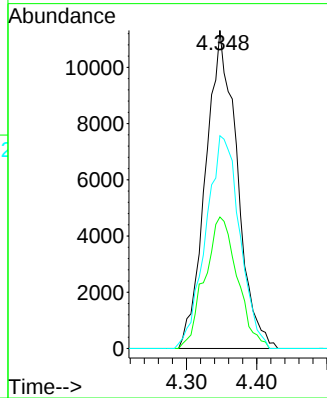
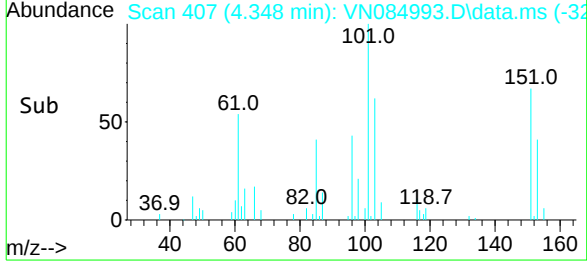
Instrument :
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VSTDCCC020EC



Tgt Ion:101 Resp: 35229
Ion Ratio Lower Upper
101 100
85 42.8 0.0 89.6
151 72.0 0.0 149.4

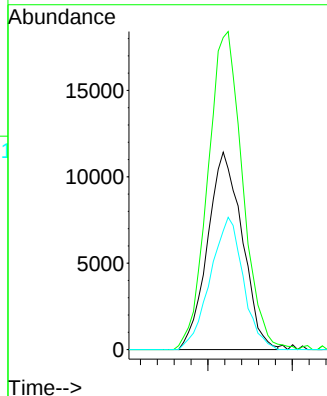
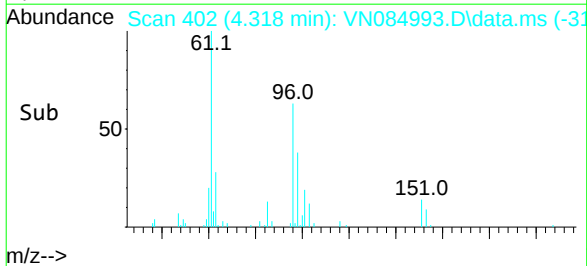
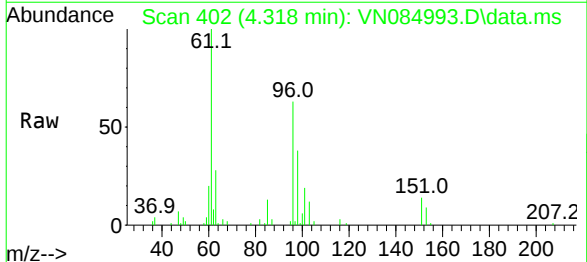
Manual Integrations
APPROVED

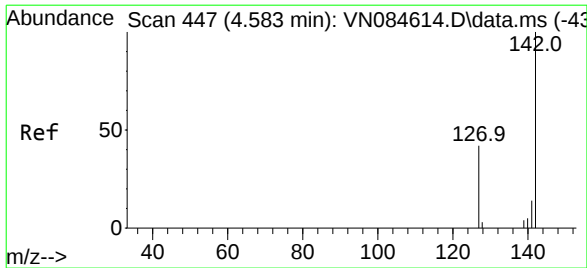
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#10
1,1-Dichloroethene
Concen: 19.380 ug/l
RT: 4.318 min Scan# 402
Delta R.T. -0.006 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

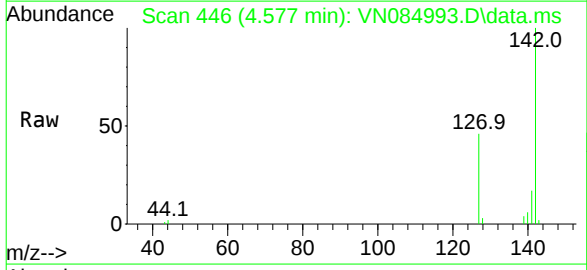
Tgt Ion: 96 Resp: 32625
Ion Ratio Lower Upper
96 100
61 156.1 135.1 202.7
98 60.1 50.4 75.6





#11
Methyl Iodide
Concen: 18.444 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

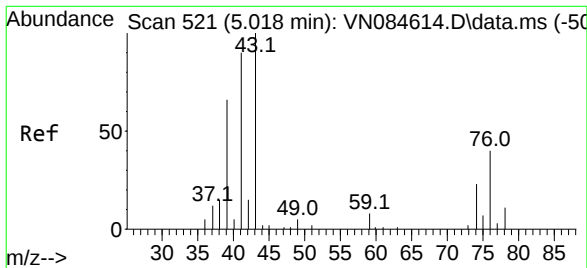
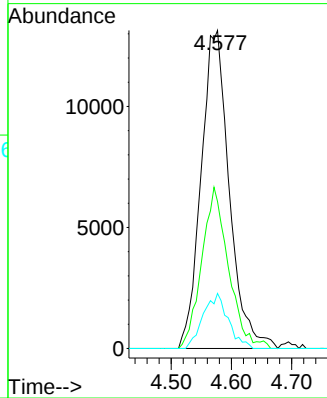
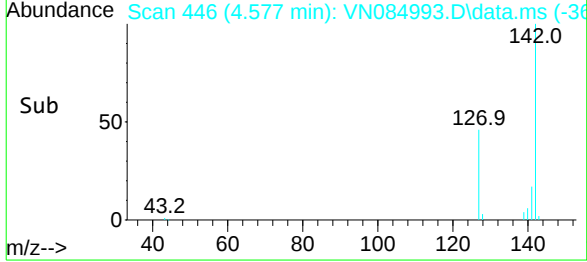
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 142 Resp: 42675
Ion Ratio Lower Upper
142 100
127 46.2 20.3 60.9
141 17.3 6.9 20.7

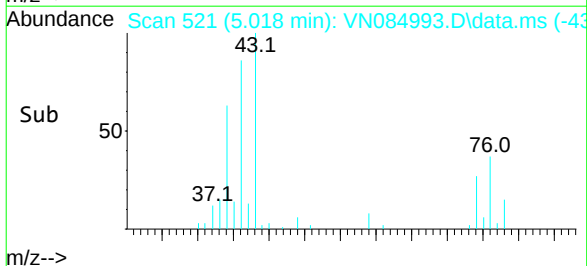
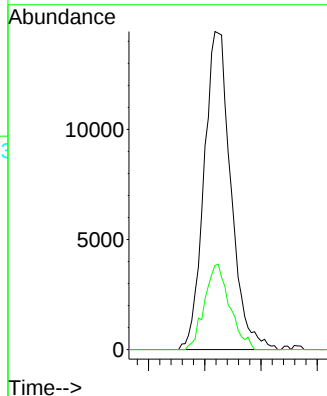
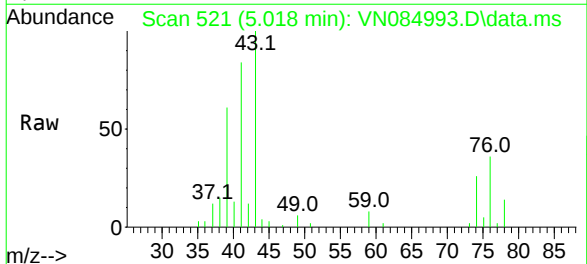
Manual Integrations
APPROVED

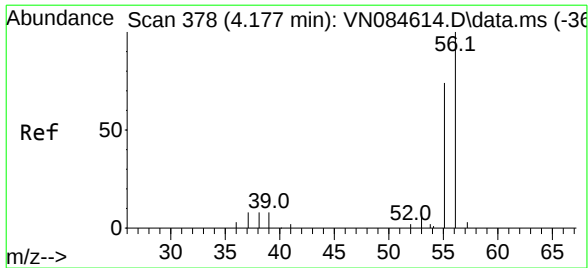
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#12
Methyl Acetate
Concen: 18.275 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Tgt Ion: 43 Resp: 47955
Ion Ratio Lower Upper
43 100
74 26.5 19.0 28.4





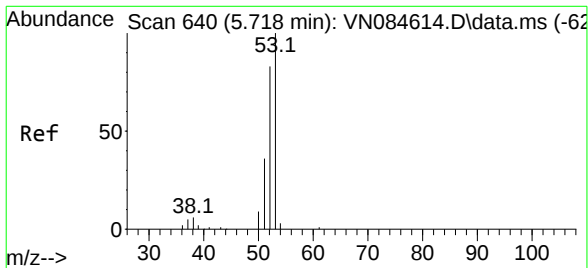
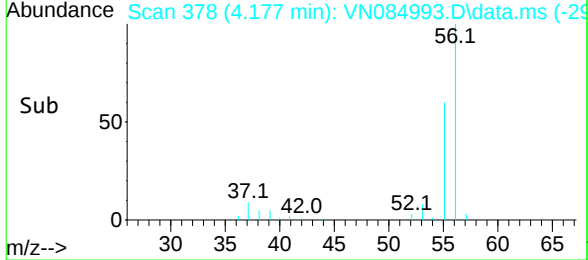
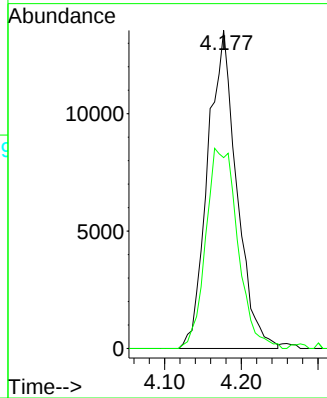
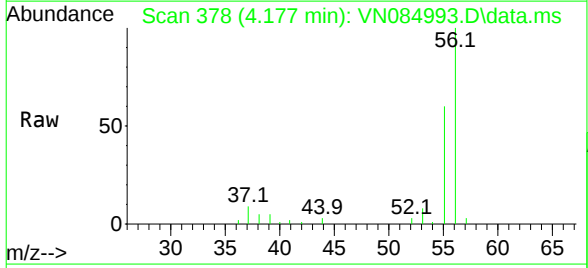
#13
Acrolein
Concen: 110.211 ug/l
RT: 4.177 min Scan# 37
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 56 Resp: 35663
Ion Ratio Lower Upper
56 100
55 41.1 56.7 85.1#

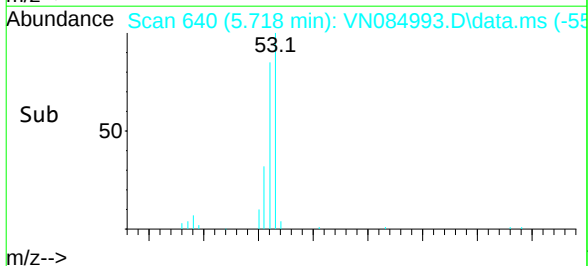
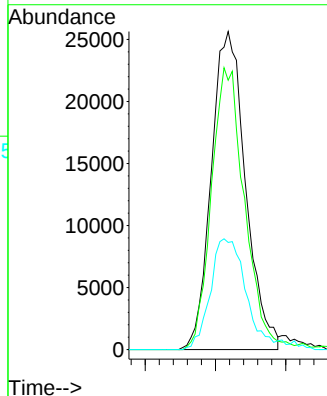
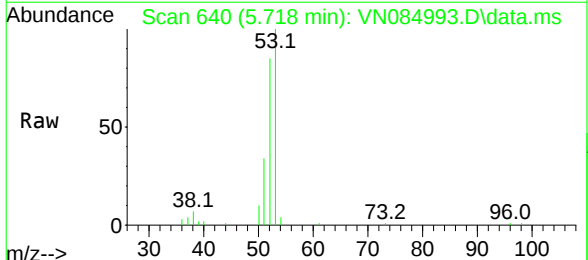
Manual Integrations
APPROVED

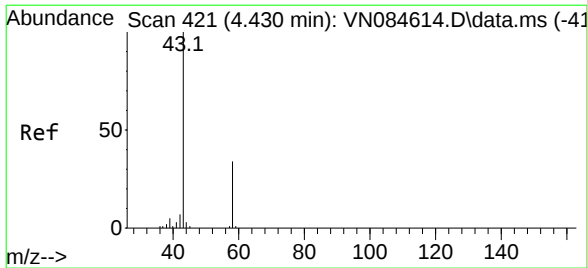
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#14
Acrylonitrile
Concen: 101.004 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

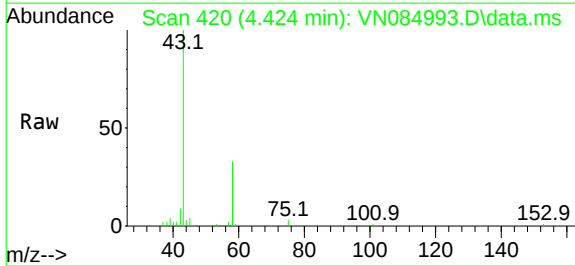
Tgt Ion: 53 Resp: 86705
Ion Ratio Lower Upper
53 100
52 85.2 41.6 124.9
51 35.8 18.2 54.6





#15
Acetone
Concen: 108.097 ug/l
RT: 4.424 min Scan# 421
Delta R.T. -0.006 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

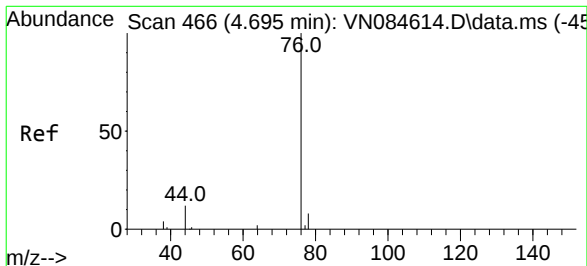
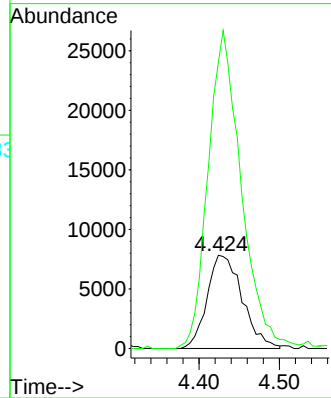
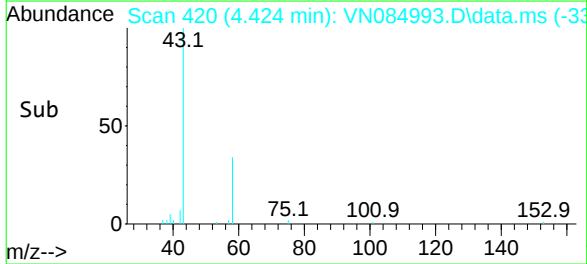
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 23843
Ion Ratio Lower Upper
58 100
43 303.2 233.0 349.6

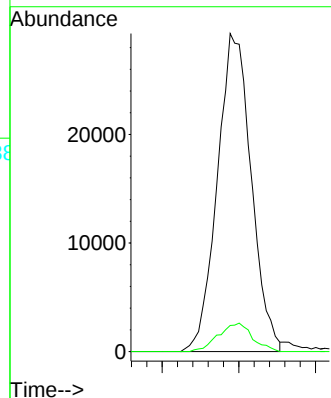
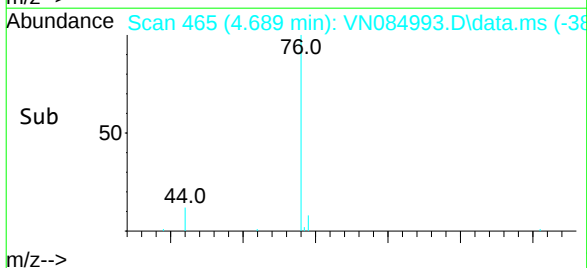
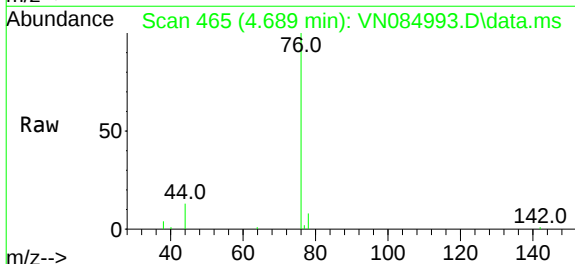
Manual Integrations
APPROVED

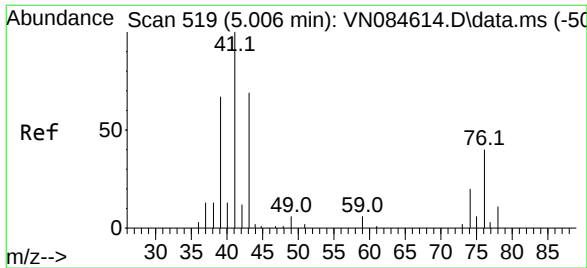
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#16
Carbon Disulfide
Concen: 18.161 ug/l
RT: 4.689 min Scan# 465
Delta R.T. -0.006 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

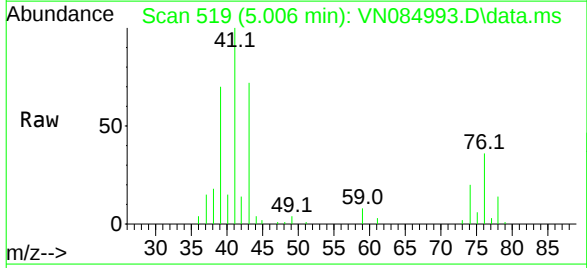
Tgt Ion: 76 Resp: 89960
Ion Ratio Lower Upper
76 100
78 8.2 6.6 9.8





#17
Allyl chloride
Concen: 18.823 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

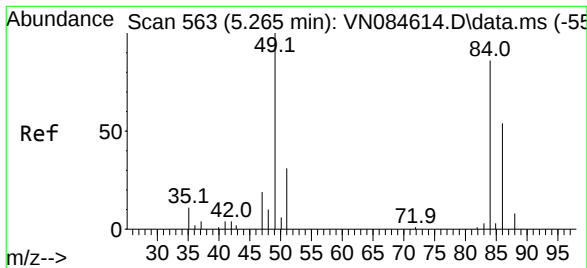
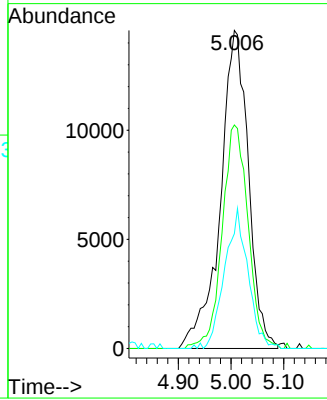
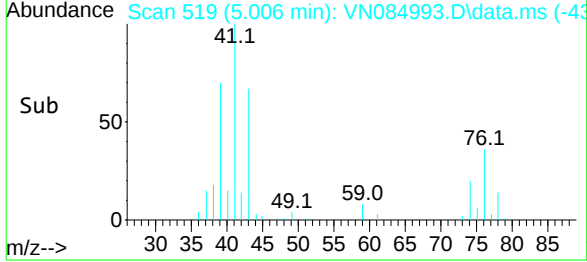
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



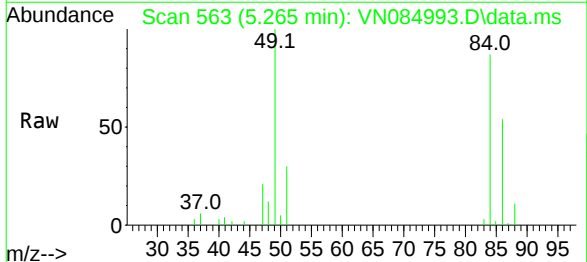
Tgt Ion: 41 Resp: 53993
Ion Ratio Lower Upper
41 100
39 70.3 33.4 100.2
76 36.1 20.2 60.6

Manual Integrations
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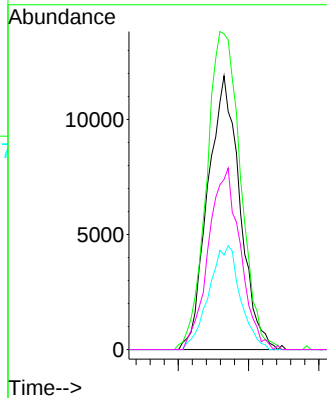
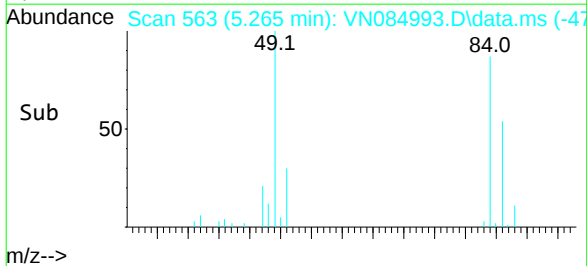
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

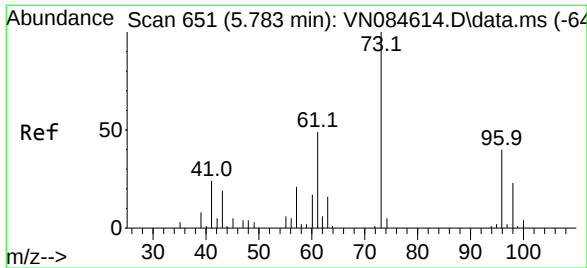


#18
Methylene Chloride
Concen: 19.072 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06



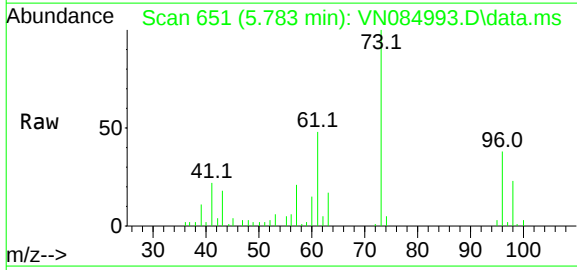
Tgt Ion: 84 Resp: 37623
Ion Ratio Lower Upper
84 100
49 113.9 93.0 139.6
51 34.5 28.9 43.3
86 62.2 50.6 76.0





#19
trans-1,2-Dichloroethene
Concen: 19.077 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

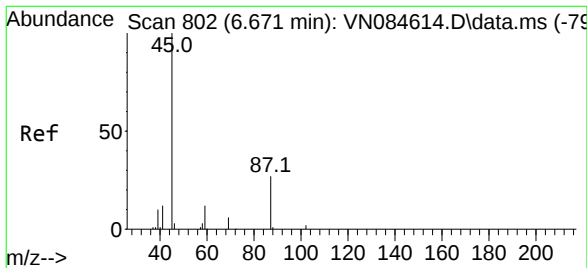
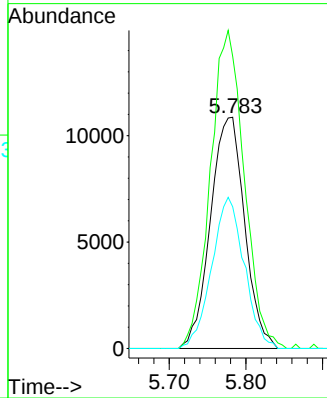
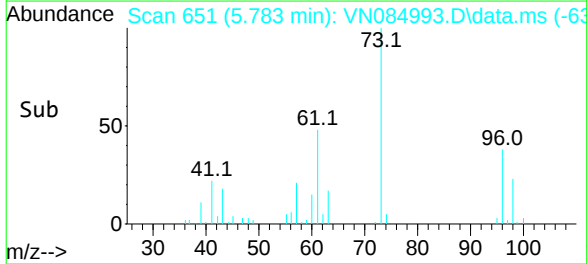
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



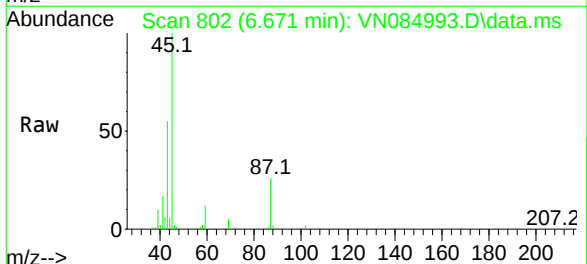
Tgt Ion: 96 Resp: 33662
Ion Ratio Lower Upper
96 100
61 126.3 98.1 147.1
98 61.3 46.6 69.8

Manual Integrations
APPROVED

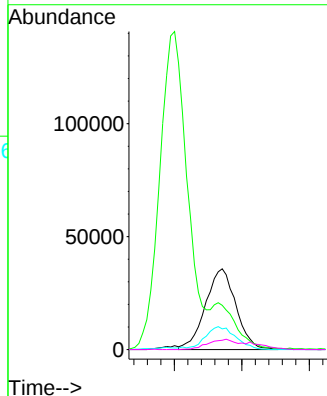
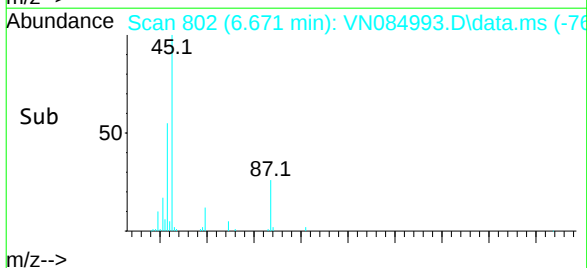
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

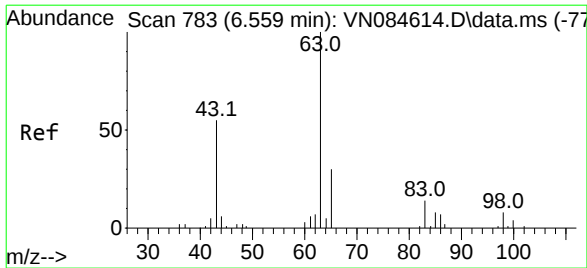


#20
Diisopropyl ether
Concen: 19.540 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06



Tgt Ion: 45 Resp: 112205
Ion Ratio Lower Upper
45 100
43 53.6 42.6 64.0
87 25.8 23.0 34.4
59 11.6 9.4 14.0





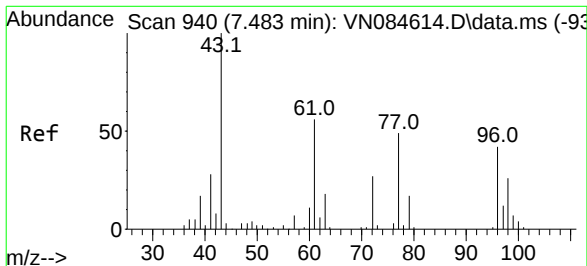
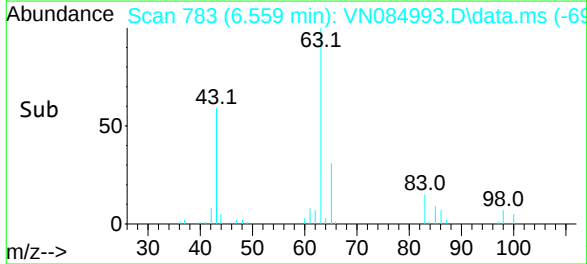
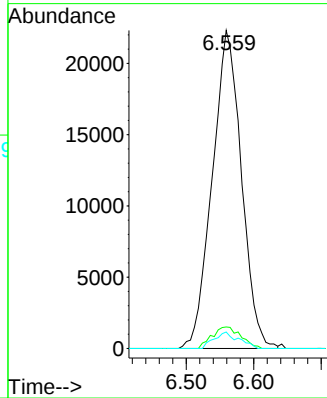
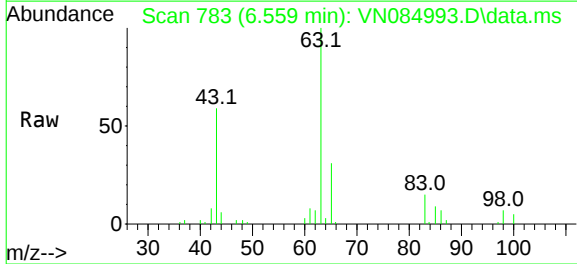
#21
1,1-Dichloroethane
Concen: 19.397 ug/l
RT: 6.559 min Scan# 783
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63	Resp: 66983
Ion Ratio	Lower Upper
63 100	
98 6.8	3.8 11.4
100 5.2	1.9 5.7

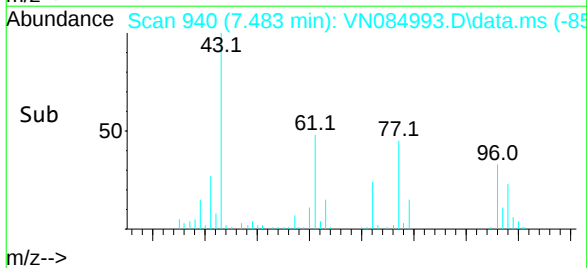
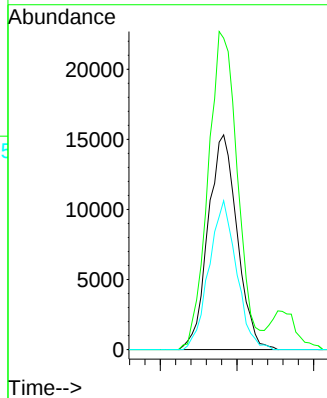
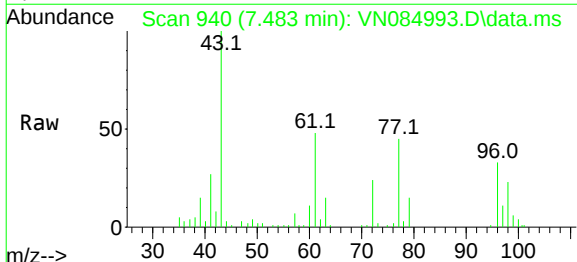
Manual Integrations
APPROVED

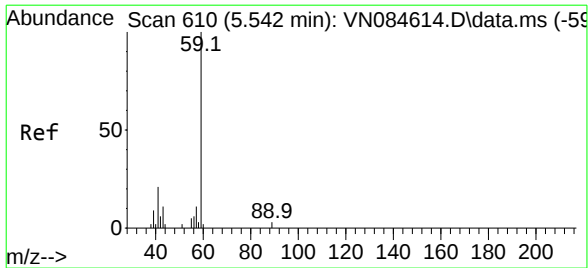
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#22
cis-1,2-Dichloroethene
Concen: 19.207 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Tgt Ion: 96	Resp: 40462
Ion Ratio	Lower Upper
96 100	
61 150.3	121.8 182.8
98 64.9	53.2 79.8





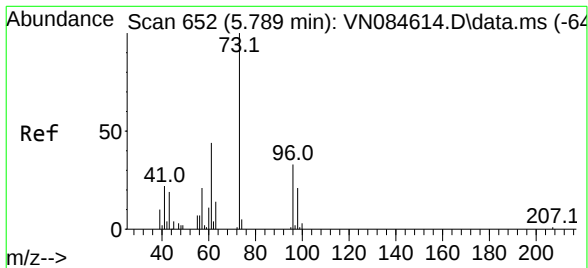
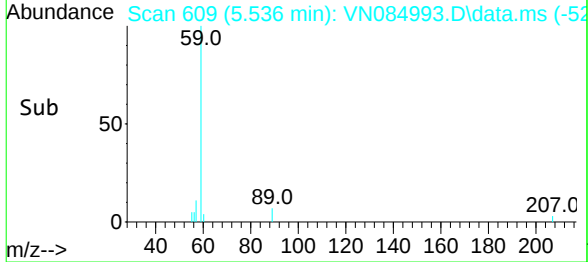
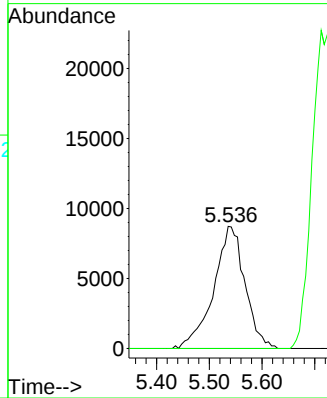
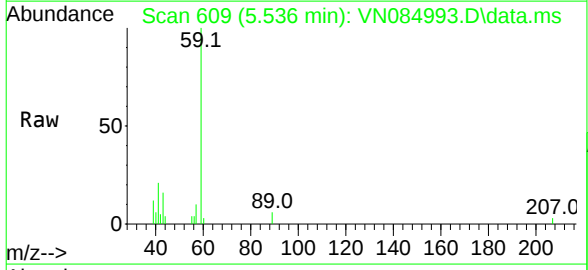
#23
tert-Butyl Alcohol
Concen: 119.841 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 35915
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

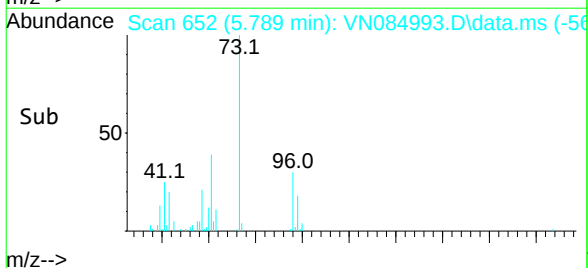
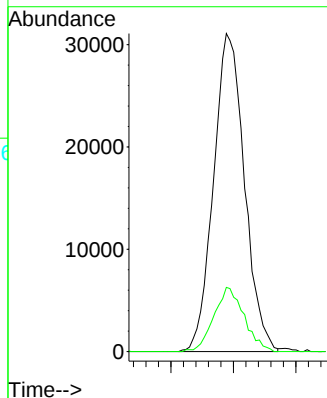
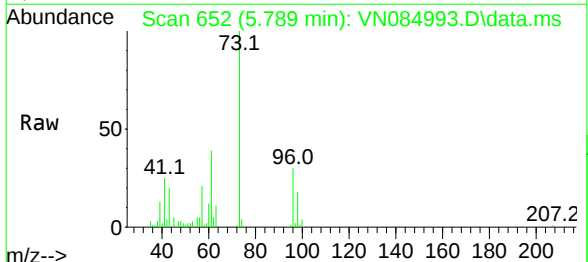
Manual Integrations
APPROVED

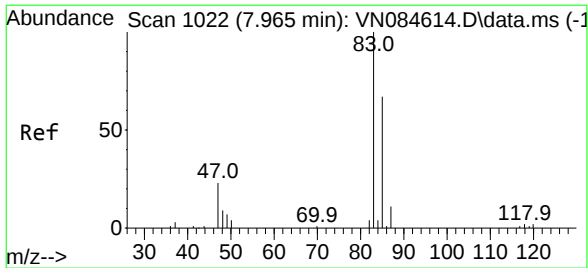
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#24
Methyl tert-Butyl Ether
Concen: 19.631 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Tgt Ion: 73 Resp: 106871
Ion Ratio Lower Upper
73 100
43 19.5 16.5 24.7





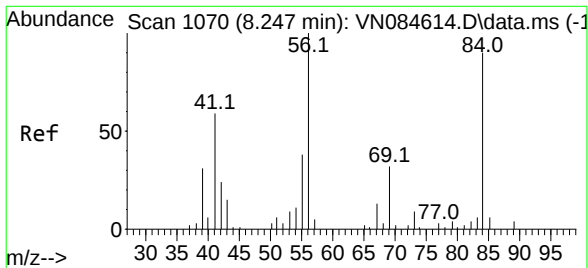
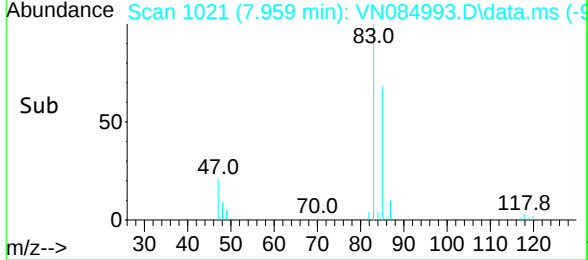
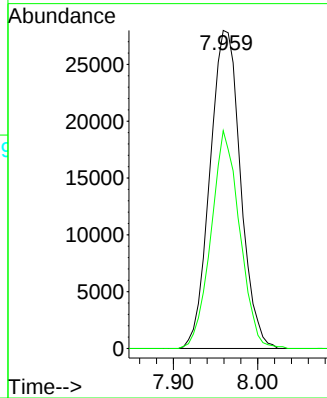
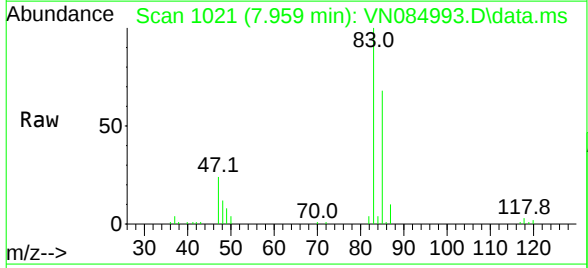
#25
Chloroform
Concen: 19.924 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 70494
Ion Ratio Lower Upper
83 100
85 68.5 53.4 80.2

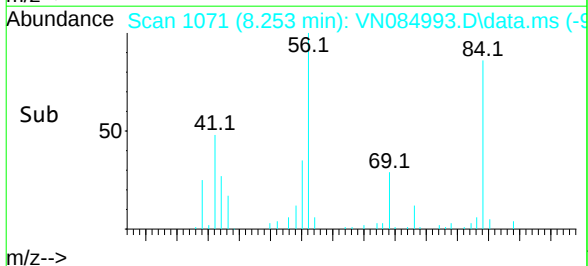
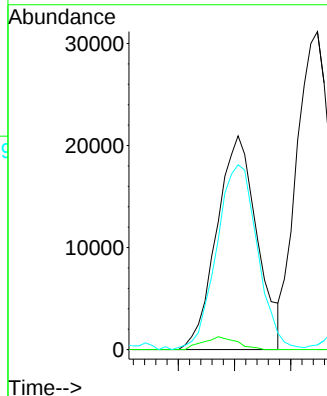
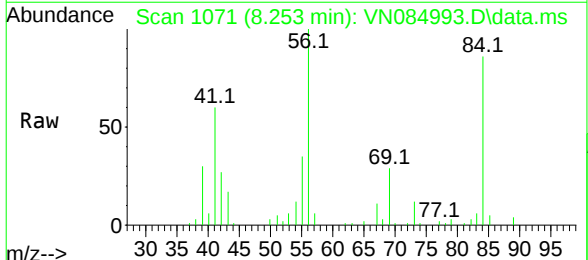
Manual Integrations
APPROVED

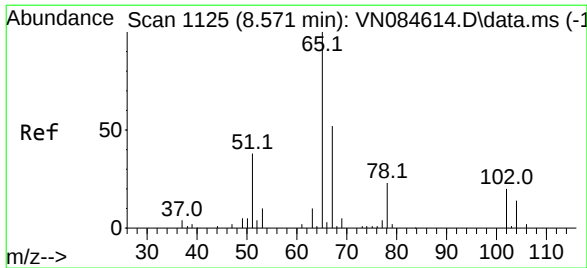
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#26
Cyclohexane
Concen: 19.846 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

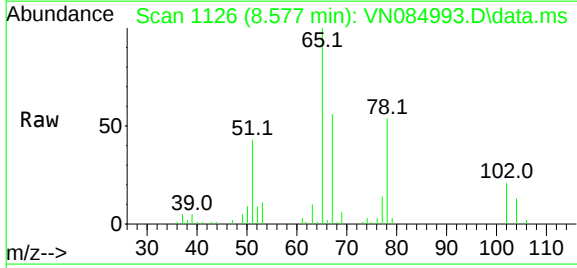
Tgt Ion: 56 Resp: 52351
Ion Ratio Lower Upper
56 100
89 5.1 3.0 4.4#
84 87.3 70.6 106.0





#27
1,2-Dichloroethane-d4
Concen: 29.664 ug/l
RT: 8.577 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

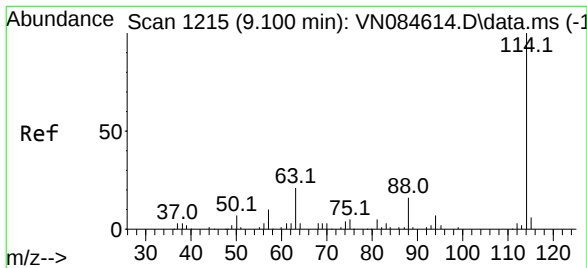
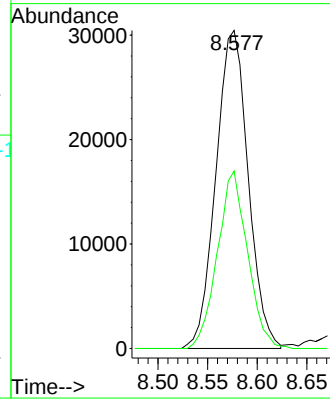
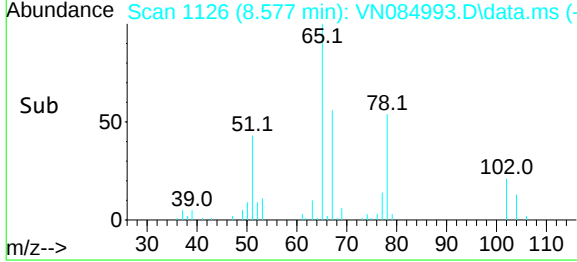
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



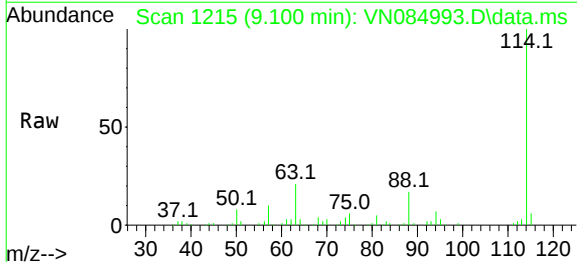
Tgt Ion: 65 Resp: 68887
Ion Ratio Lower Upper
65 100
67 52.1 40.7 61.1

Manual Integrations
APPROVED

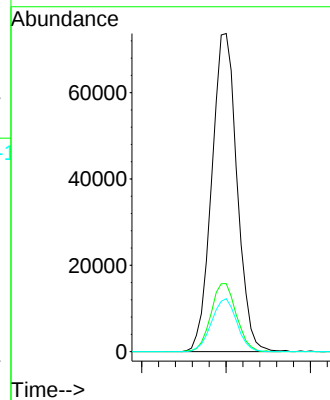
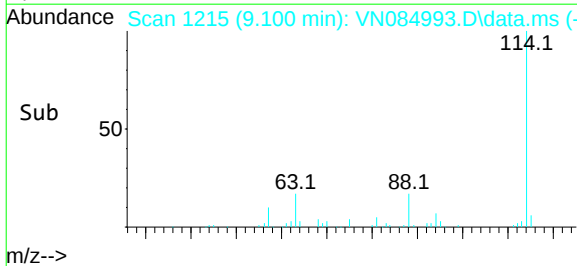
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

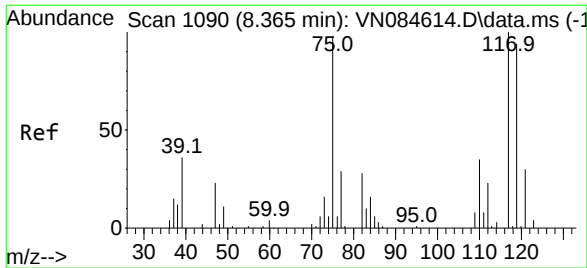


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06



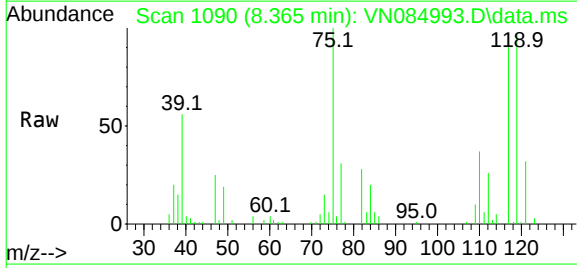
Tgt Ion:114 Resp: 153482
Ion Ratio Lower Upper
114 100
63 21.4 16.8 25.2
88 16.5 12.9 19.3





#29
1,1-Dichloropropene
Concen: 19.719 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

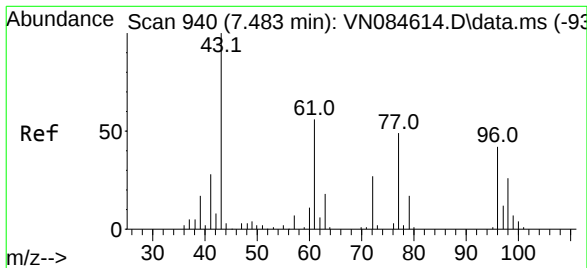
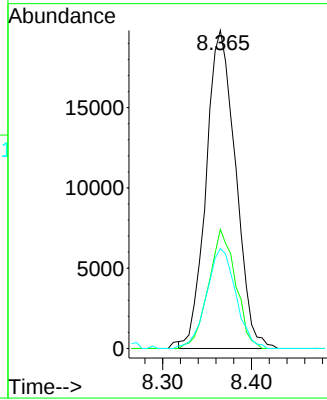
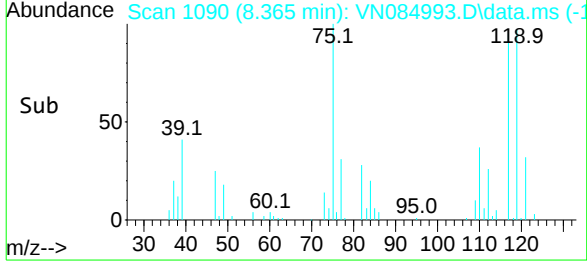
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 45586
Ion Ratio Lower Upper
75 100
110 34.5 0.0 69.4
77 31.2 0.0 62.0

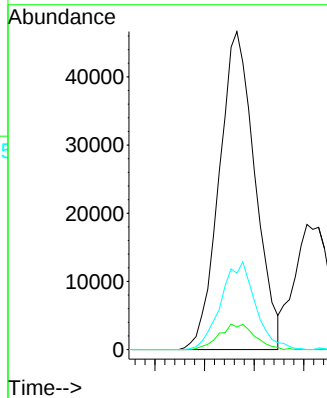
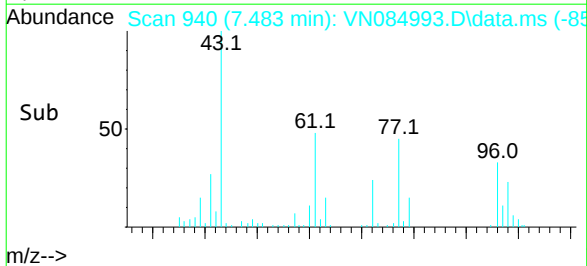
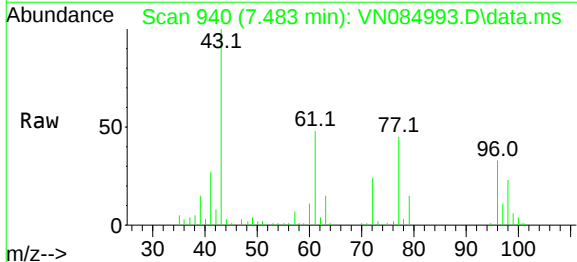
Manual Integrations
APPROVED

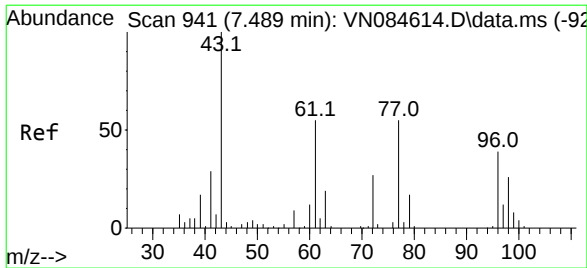
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#30
2-Butanone
Concen: 109.815 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Tgt Ion: 43 Resp: 117104
Ion Ratio Lower Upper
43 100
57 7.9 6.2 9.4
72 26.6 21.5 32.3





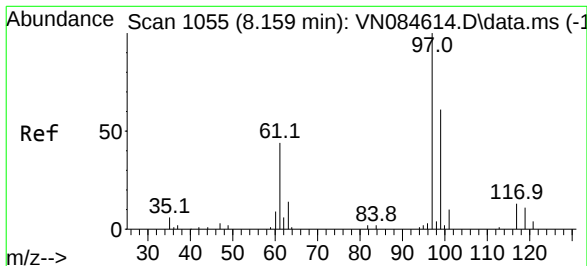
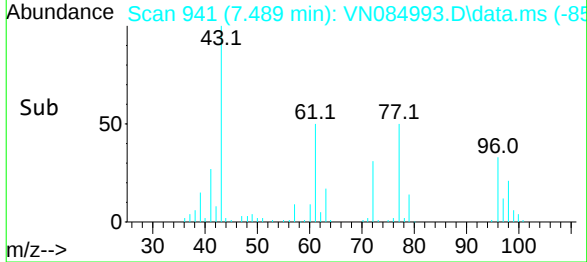
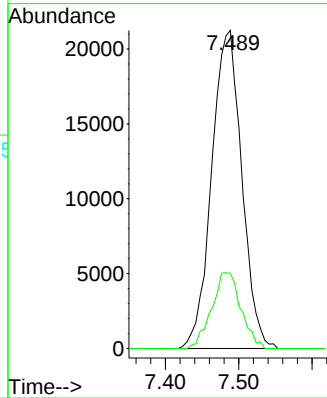
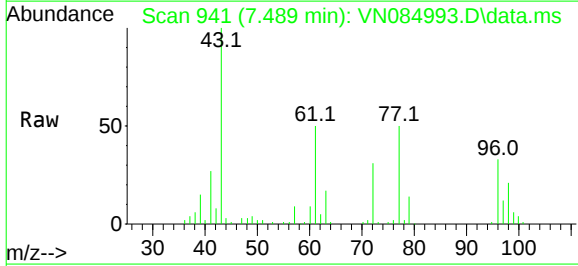
#31
2,2-Dichloropropane
Concen: 21.441 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 60506
Ion Ratio Lower Upper
77 100
97 23.2 17.4 26.2

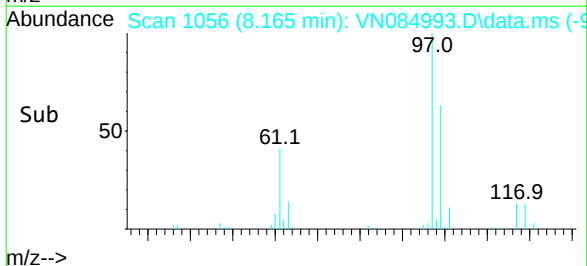
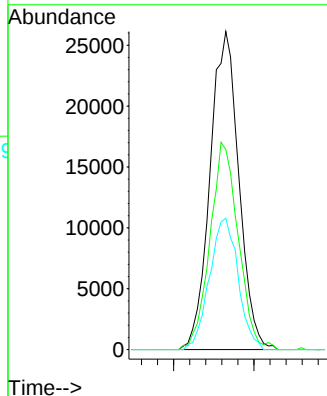
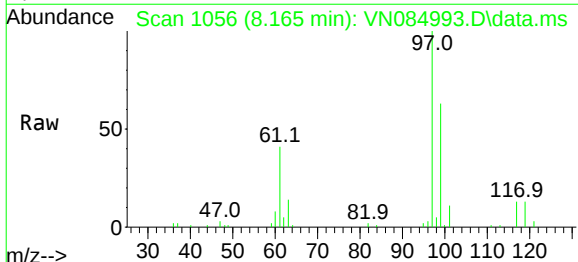
Manual Integrations
APPROVED

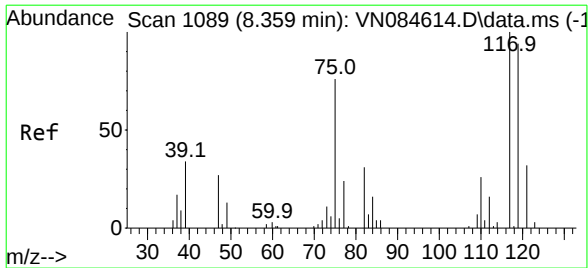
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#32
1,1,1-Trichloroethane
Concen: 20.725 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

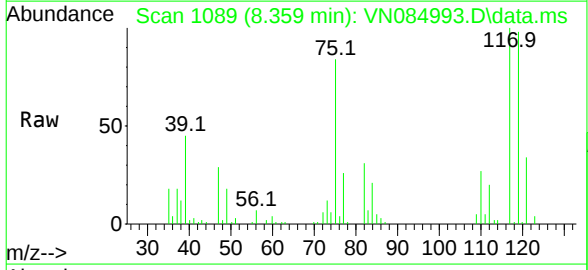
Tgt Ion: 97 Resp: 65090
Ion Ratio Lower Upper
97 100
99 63.4 51.6 77.4
61 41.0 34.2 51.4





#33
Carbon Tetrachloride
Concen: 20.329 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

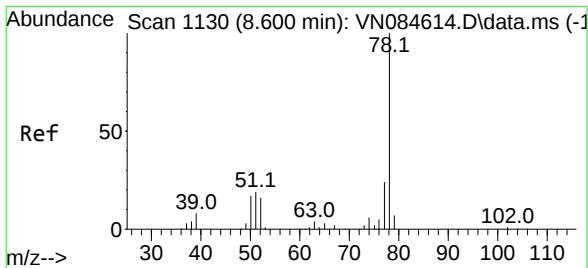
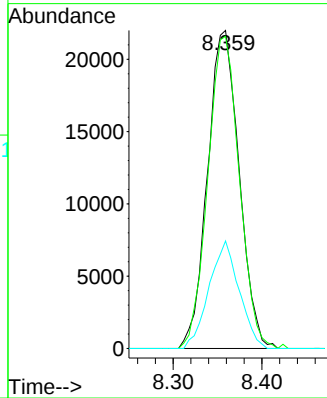
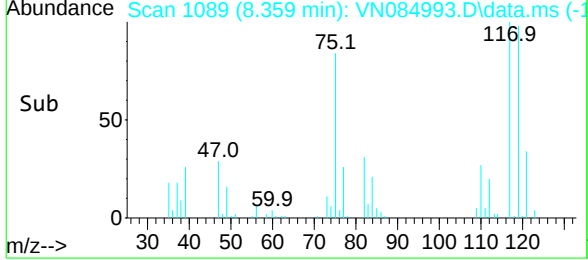
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



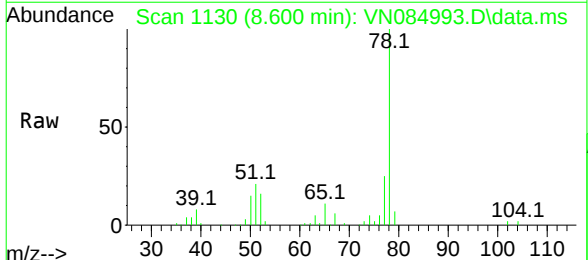
Tgt Ion: 117 Resp: 54482
Ion Ratio Lower Upper
117 100
119 98.1 75.7 113.5
121 33.8 25.4 38.0

Manual Integrations
APPROVED

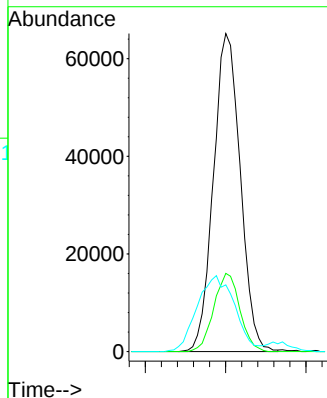
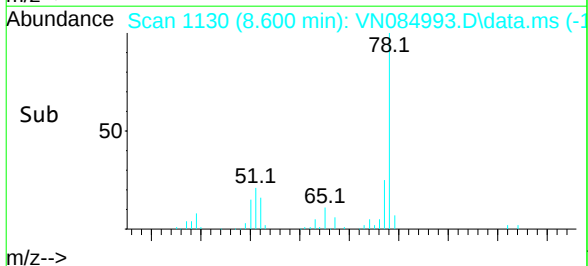
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

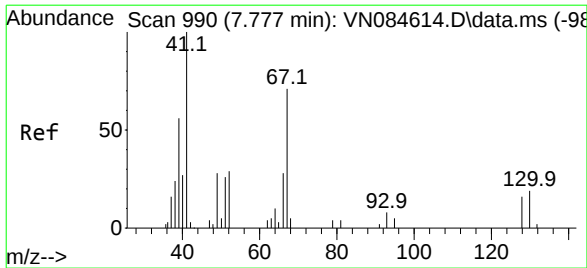


#34
Benzene
Concen: 19.781 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06



Tgt Ion: 78 Resp: 151151
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9
51 19.4 16.1 24.1





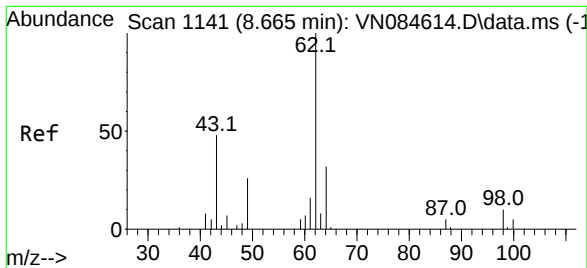
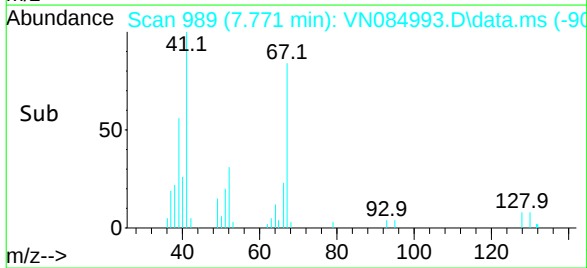
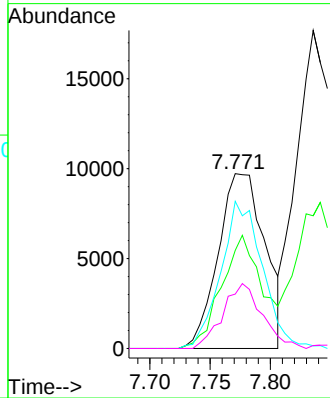
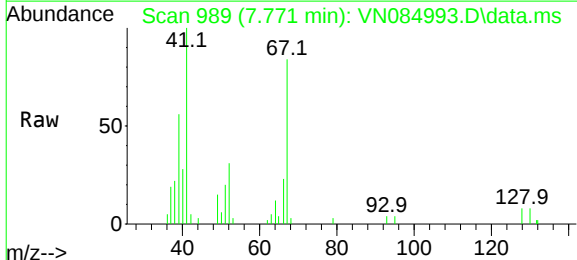
#35
Methacrylonitrile
Concen: 20.759 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	41	Resp:	26237
Ion	Ratio	Lower	Upper
41	100		
39	56.1	28.2	84.6
67	84.2	35.6	106.8
52	31.1	14.4	43.4

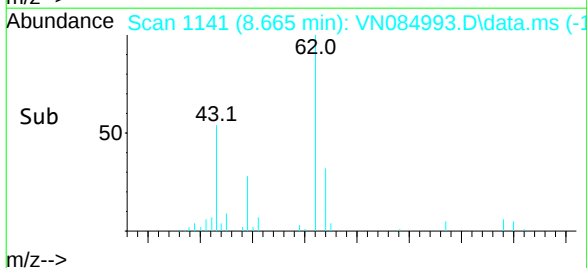
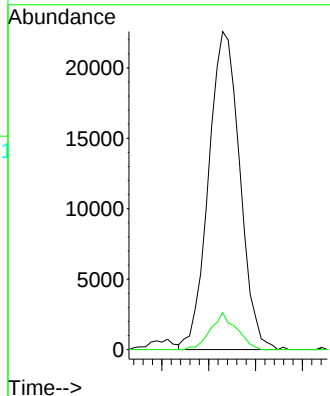
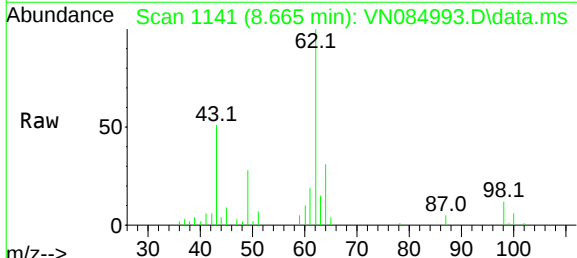
Manual Integrations
APPROVED

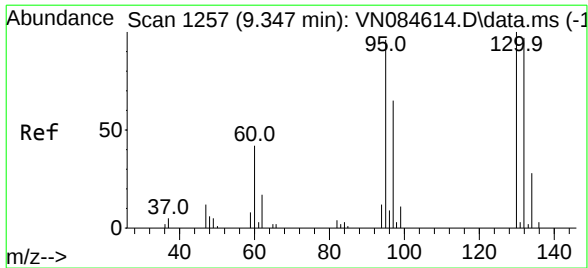
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#36
1,2-Dichloroethane
Concen: 20.606 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

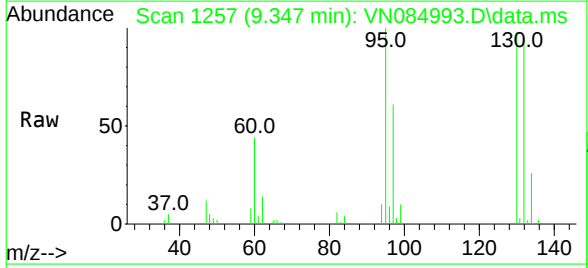
Tgt Ion:	62	Resp:	52361
Ion	Ratio	Lower	Upper
62	100		
98	9.6	7.8	11.6





#37
Trichloroethene
Concen: 19.973 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

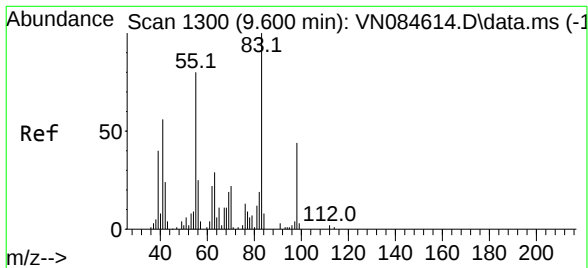
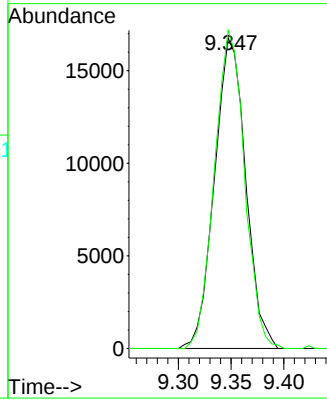
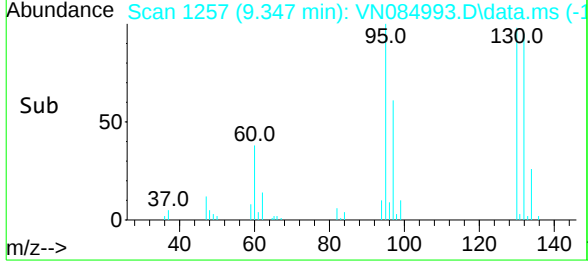
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:130 Resp: 34436
Ion Ratio Lower Upper
130 100
95 102.4 76.6 115.0

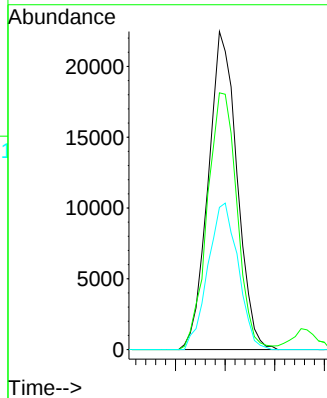
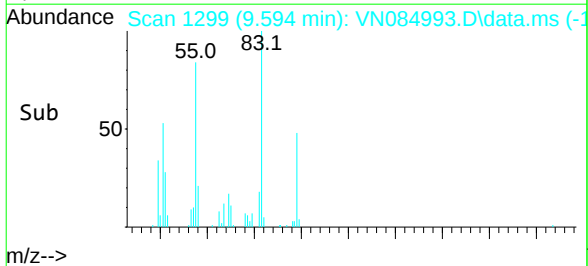
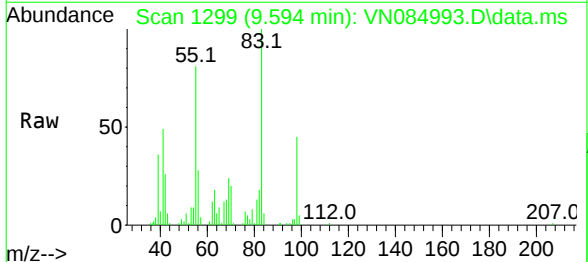
Manual Integrations
APPROVED

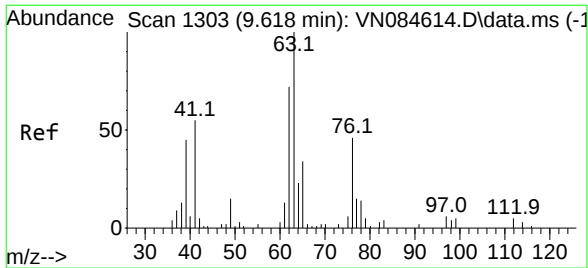
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#38
Methylcyclohexane
Concen: 18.184 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

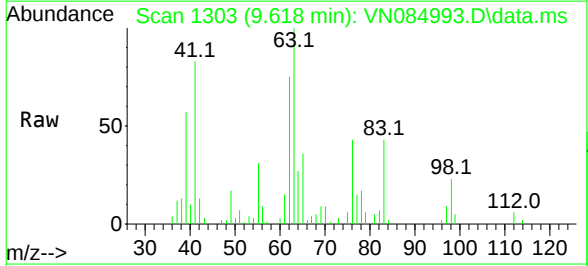
Tgt Ion: 83 Resp: 45253
Ion Ratio Lower Upper
83 100
55 83.2 39.6 118.8
98 48.4 23.2 69.5





#39
1,2-Dichloropropane
Concen: 19.636 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

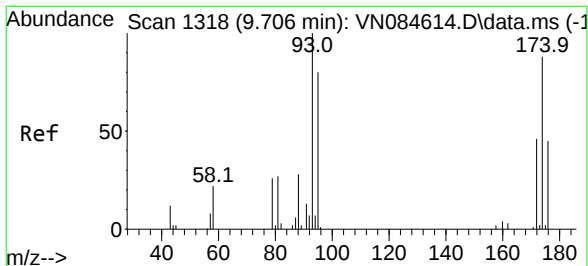
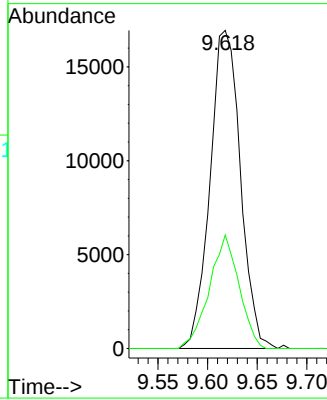
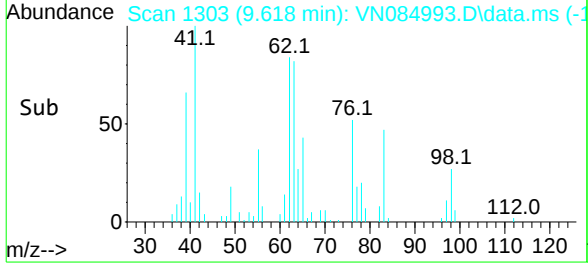
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 36119
Ion Ratio Lower Upper
63 100
65 35.7 27.8 41.8

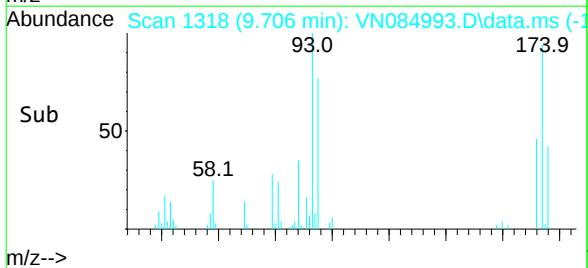
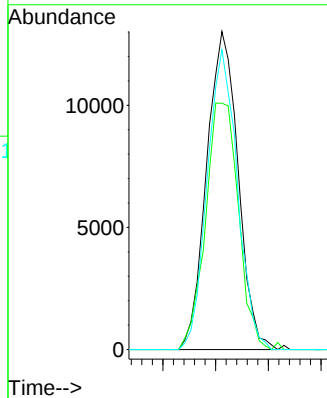
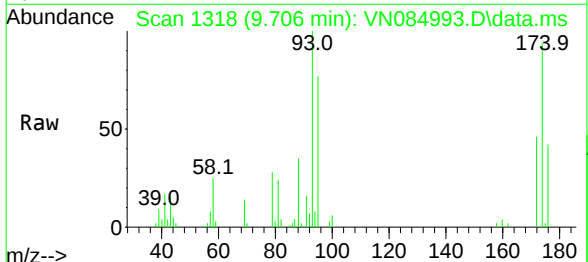
Manual Integrations
APPROVED

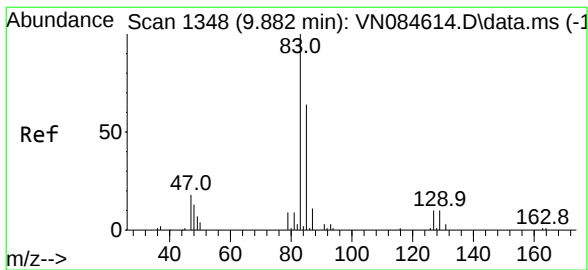
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#40
Dibromomethane
Concen: 21.012 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Tgt Ion: 93 Resp: 27038
Ion Ratio Lower Upper
93 100
95 80.9 0.0 168.4
174 90.1 0.0 183.4





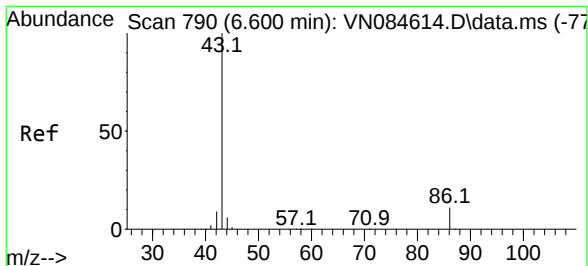
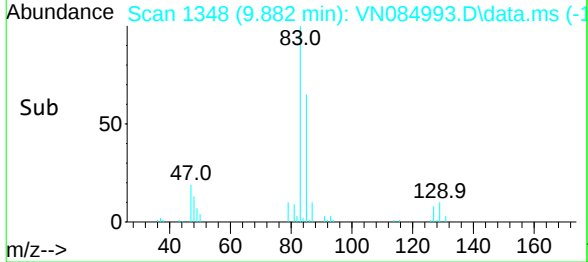
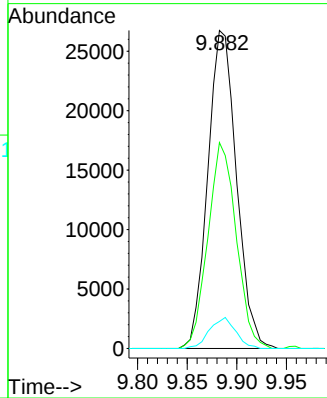
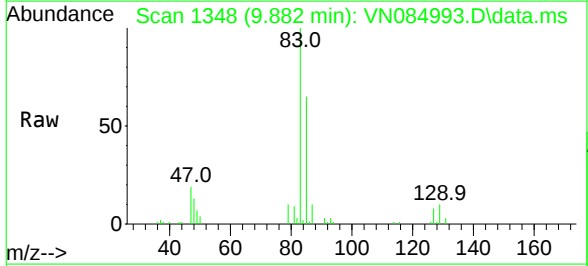
#41
Bromodichloromethane
Concen: 19.531 ug/l
RT: 9.882 min Scan# 13
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 53878
Ion Ratio Lower Upper
83 100
85 64.7 51.0 76.6
127 8.5 7.8 11.6

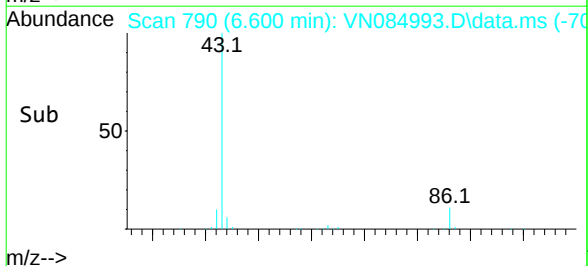
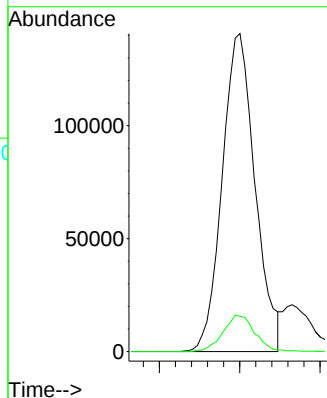
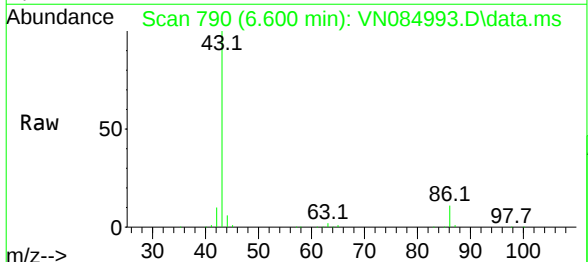
Manual Integrations
APPROVED

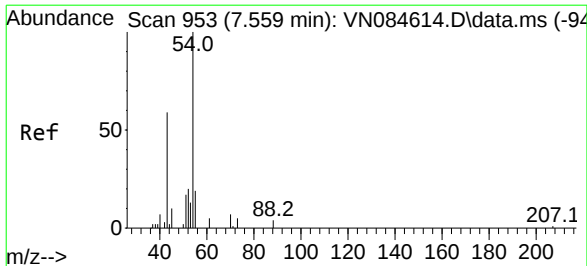
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#42
Vinyl Acetate
Concen: 100.410 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Tgt Ion: 43 Resp: 400230
Ion Ratio Lower Upper
43 100
86 11.0 8.6 13.0





#43

Ethyl Acetate

Concen: 20.283 ug/l

RT: 7.553 min Scan# 953

Delta R.T. -0.006 min

Lab File: VN084993.D

Acq: 21 Nov 2024 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 45449

Ion Ratio Lower Upper

43 100

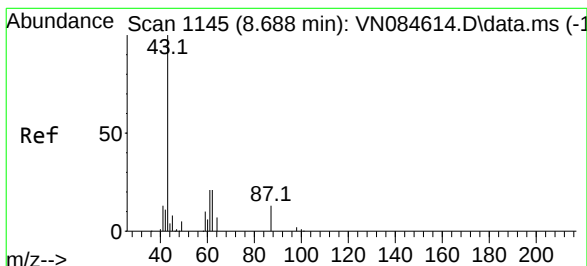
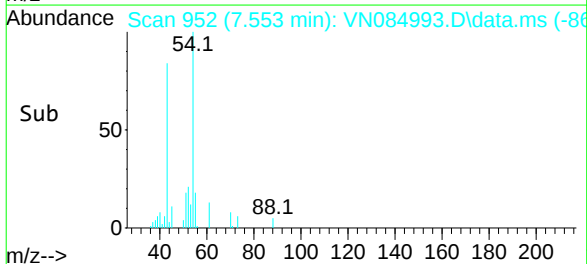
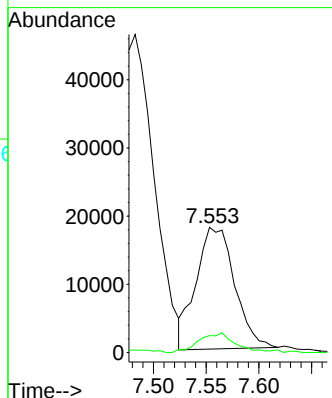
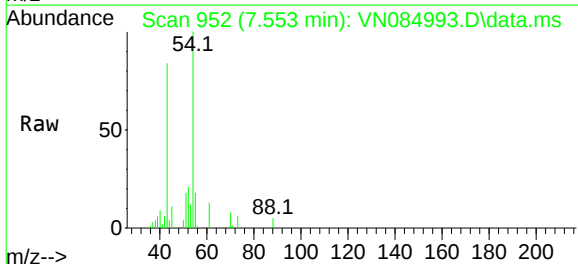
45 14.9 11.0 16.4

Manual Integrations

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Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#44

Isopropyl Acetate

Concen: 20.364 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN084993.D

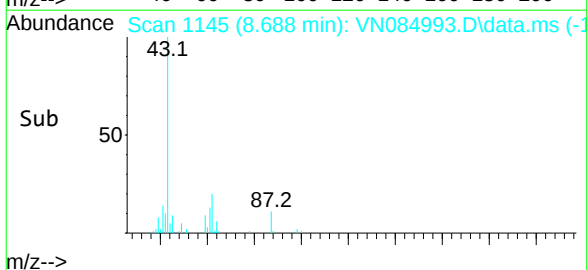
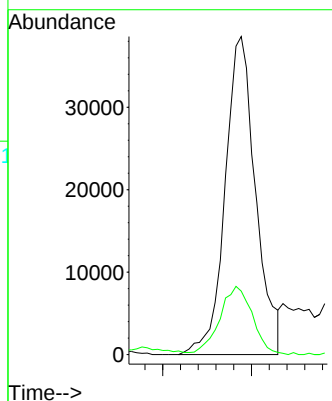
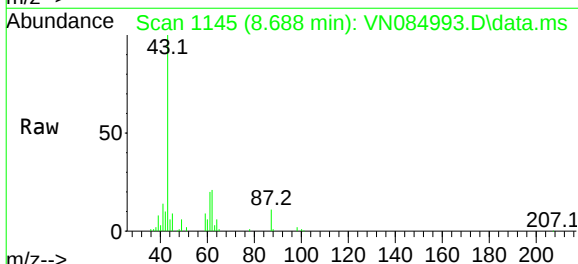
Acq: 21 Nov 2024 13:06

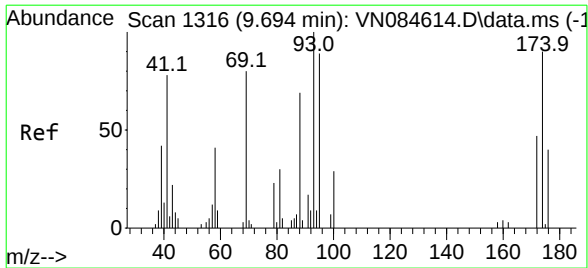
Tgt Ion: 43 Resp: 92397

Ion Ratio Lower Upper

43 100

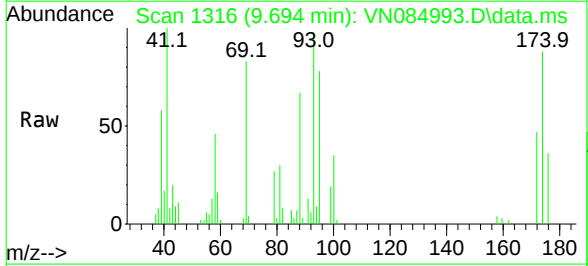
61 23.0 19.8 29.8





#45
1,4-Dioxane
Concen: 432.696 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

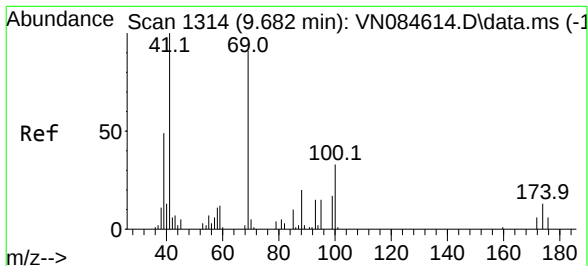
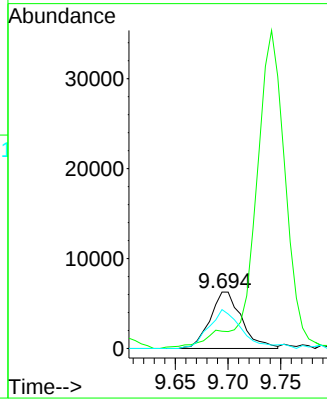
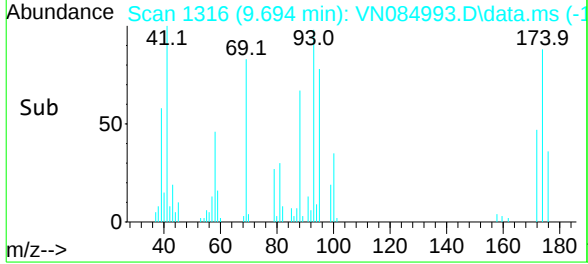
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



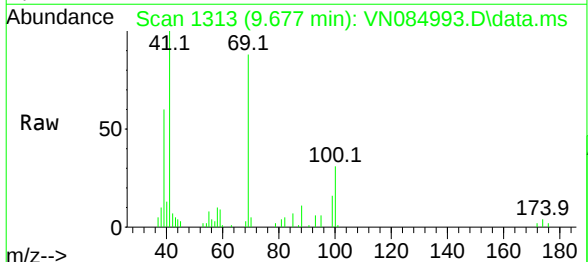
Tgt Ion: 88 Resp: 13107
Ion Ratio Lower Upper
88 100
43 27.3 20.8 31.2
58 70.3 53.4 80.2

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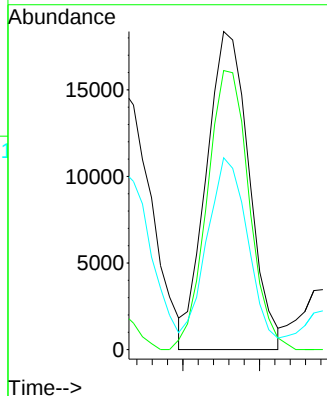
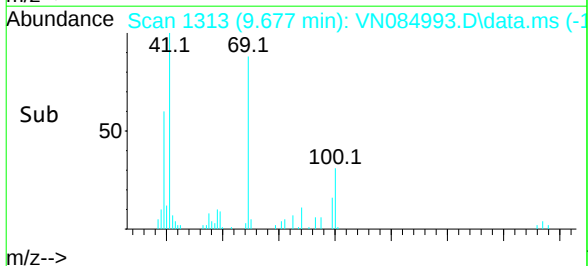
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

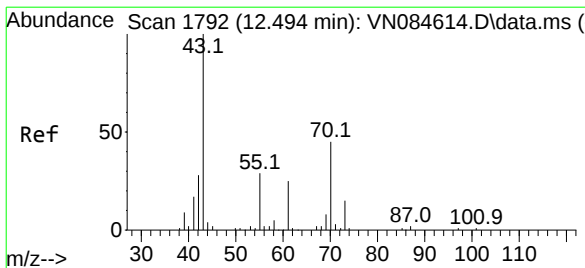


#46
Methyl methacrylate
Concen: 19.494 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06



Tgt Ion: 41 Resp: 35544
Ion Ratio Lower Upper
41 100
69 90.8 43.4 130.2
39 60.8 24.7 74.1





#47

n-amy1 Acetate

Concen: 19.351 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084993.D

Acq: 21 Nov 2024 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 65572

Ion Ratio Lower Upper

43 100

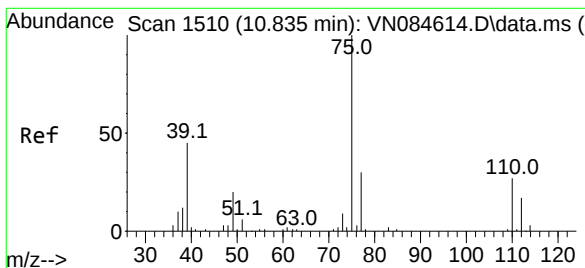
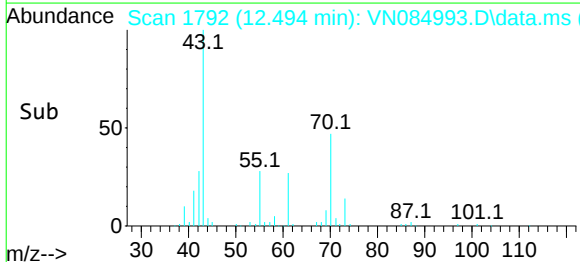
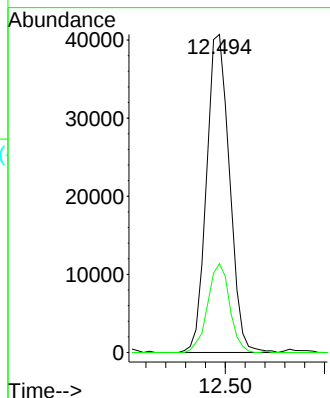
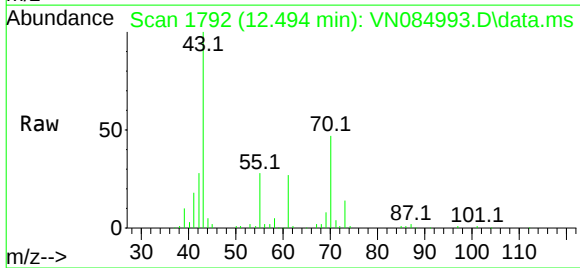
55 26.7 22.0 33.0

Manual Integrations

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Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#48

t-1,3-Dichloropropene

Concen: 19.170 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN084993.D

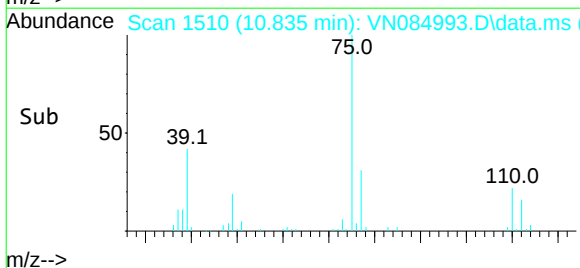
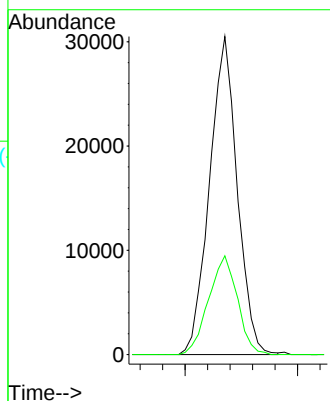
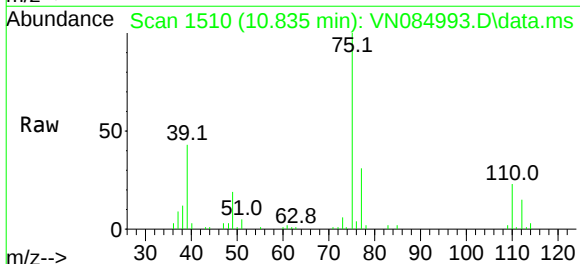
Acq: 21 Nov 2024 13:06

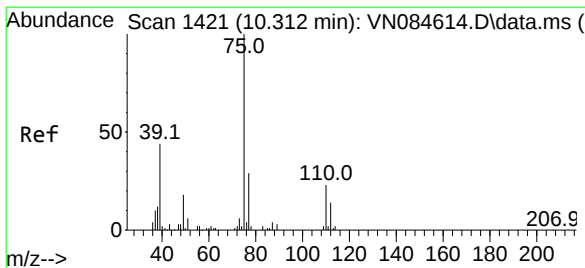
Tgt Ion: 75 Resp: 52216

Ion Ratio Lower Upper

75 100

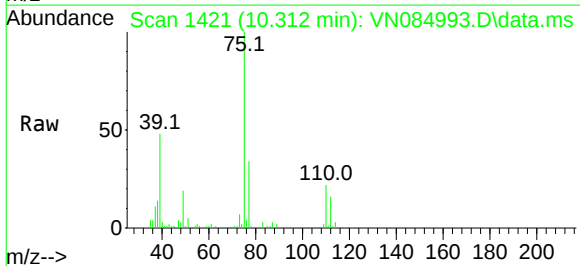
77 31.1 24.4 36.6





#49
 cis-1,3-Dichloropropene
 Concen: 19.405 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN084993.D
 Acq: 21 Nov 2024 13:06

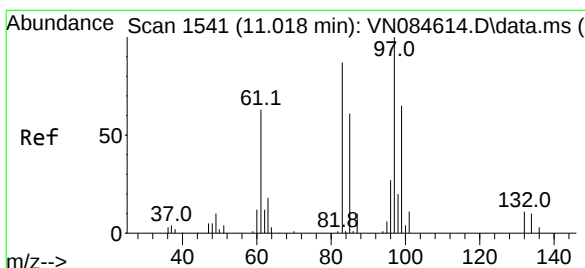
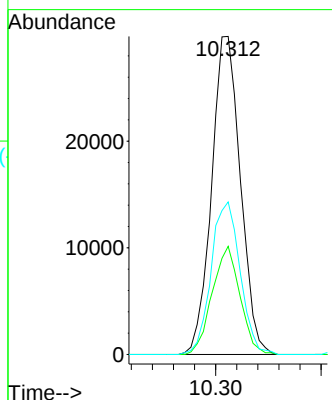
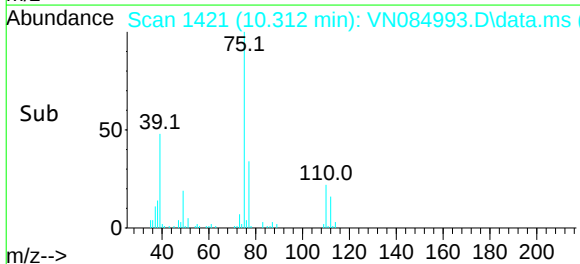
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:	75	Resp:	56649
Ion	Ratio	Lower	Upper
75	100		
77	34.0	23.4	35.2
39	48.0	35.4	53.2

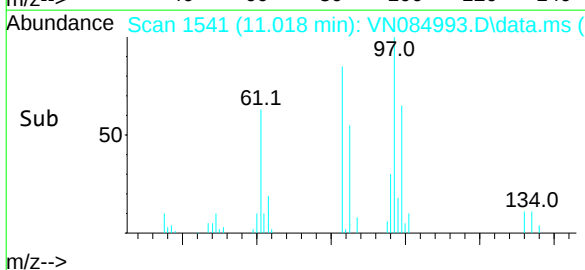
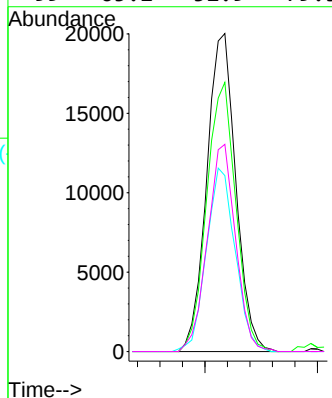
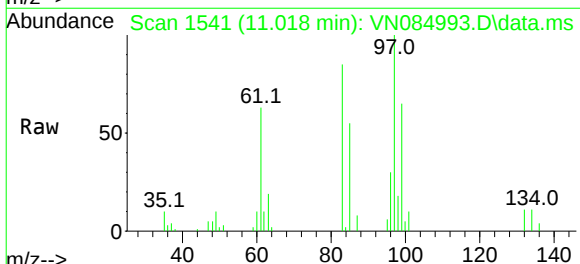
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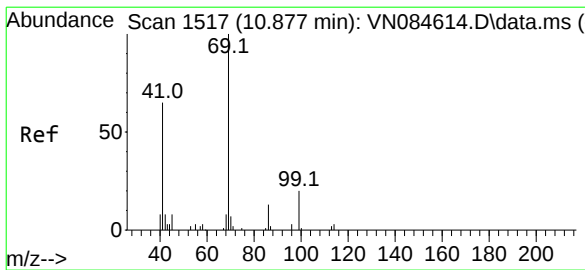
Reviewed By :John Carlone 11/21/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#50
 1,1,2-Trichloroethane
 Concen: 20.866 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN084993.D
 Acq: 21 Nov 2024 13:06

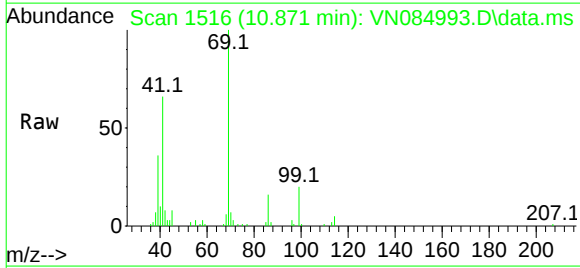
Tgt Ion:	97	Resp:	36016
Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.8	104.8
85	55.3	48.6	73.0
99	65.2	52.9	79.3





#51
Ethyl methacrylate
Concen: 19.452 ug/l
RT: 10.871 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

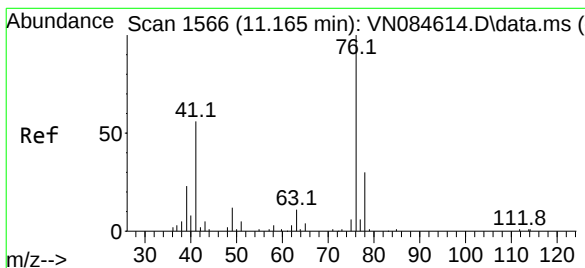
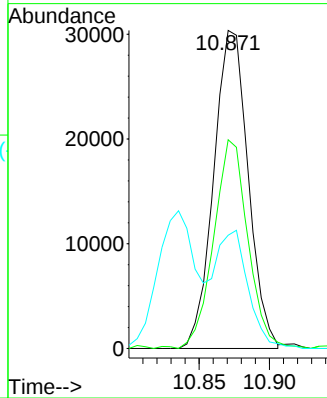
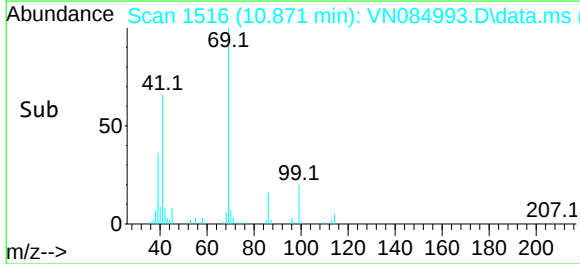
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 51755
Ion Ratio Lower Upper
69 100
41 65.6 32.8 98.3
39 34.1 15.4 46.1

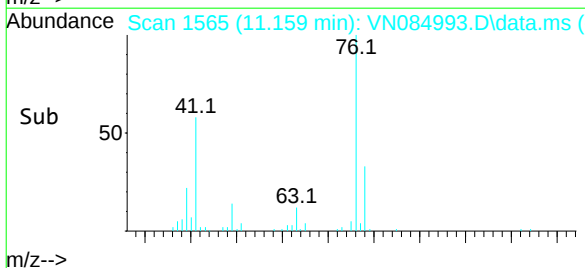
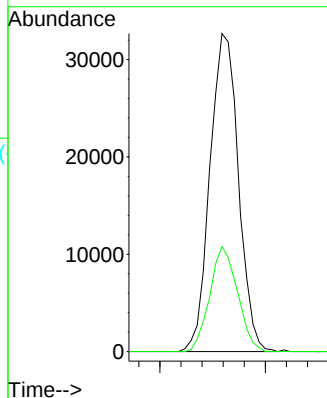
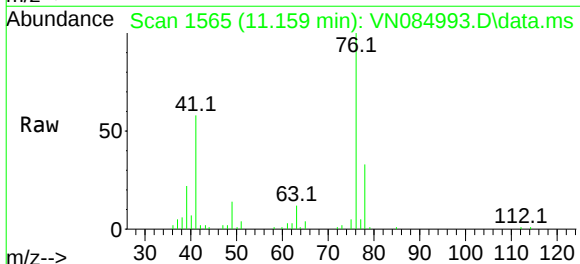
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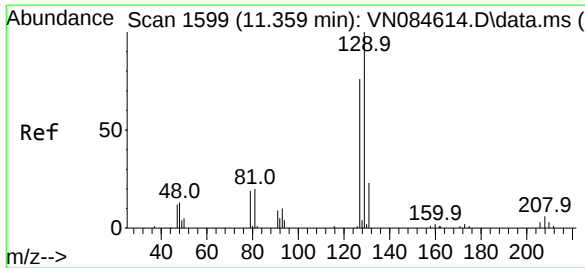
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#52
1,3-Dichloropropane
Concen: 20.473 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Tgt Ion: 76 Resp: 61338
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.0





#53

Dibromochloromethane

Concen: 20.161 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN084993.D

Acq: 21 Nov 2024 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:129 Resp: 40723

Ion Ratio Lower Upper

129 100

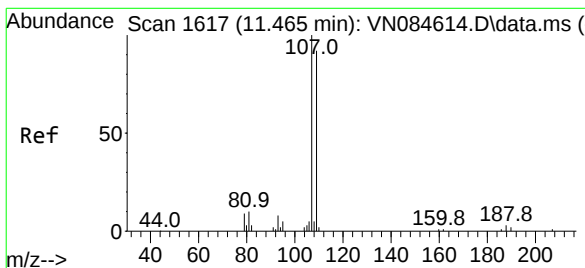
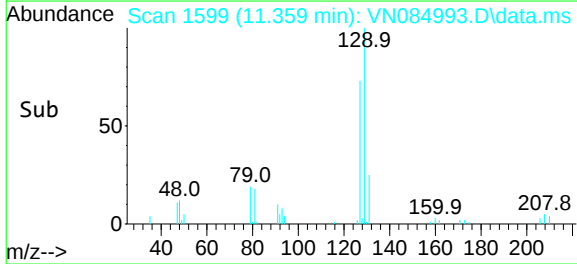
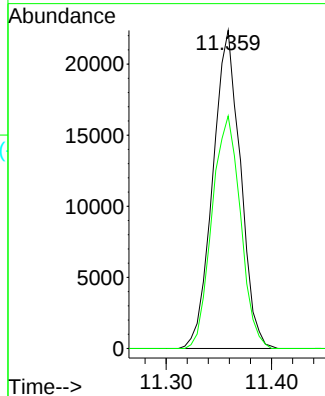
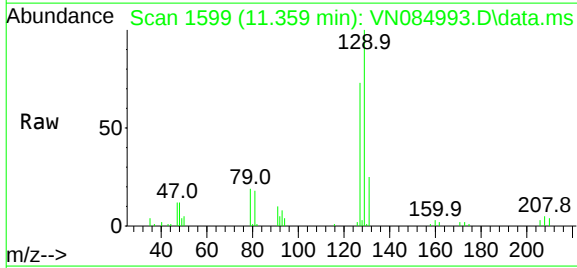
127 75.4 39.6 119.0

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Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#54

1,2-Dibromoethane

Concen: 20.107 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VN084993.D

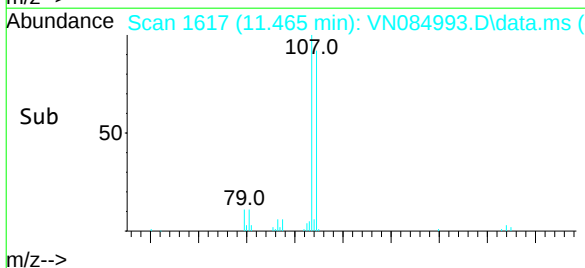
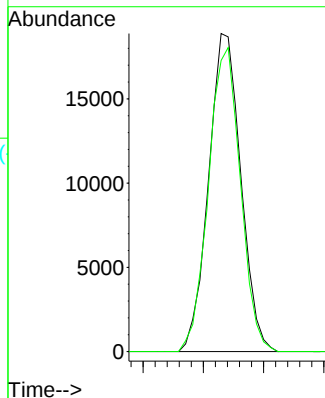
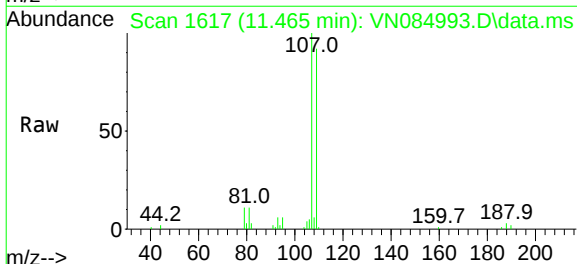
Acq: 21 Nov 2024 13:06

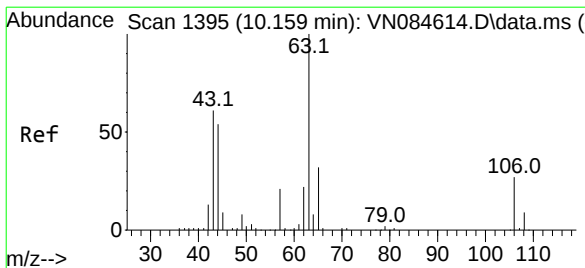
Tgt Ion:107 Resp: 35101

Ion Ratio Lower Upper

107 100

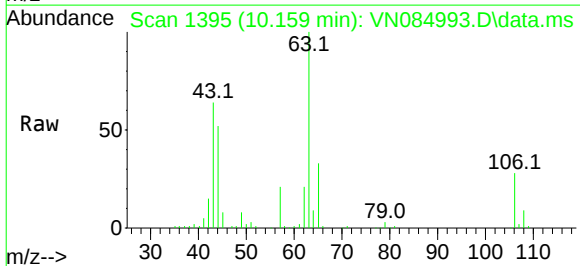
109 94.8 73.4 110.0





#55
2-Chloroethyl vinyl ether
Concen: 95.787 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

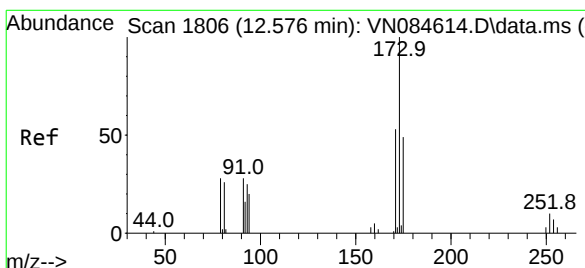
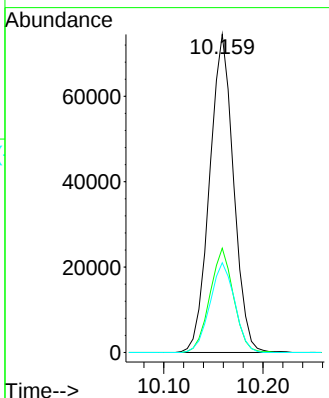
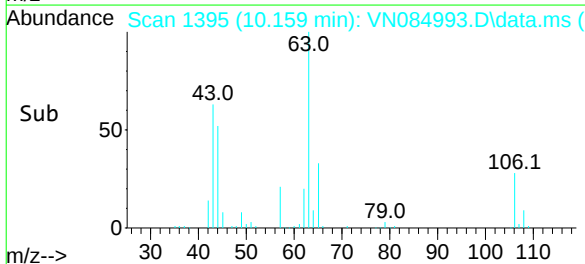
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



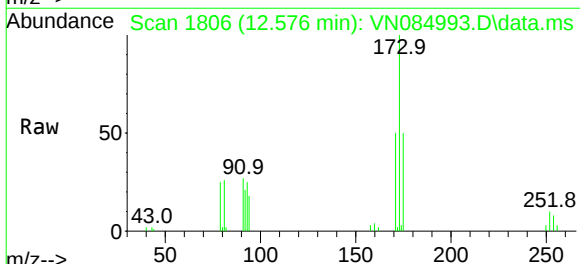
Tgt Ion: 63 Resp: 124944
Ion Ratio Lower Upper
63 100
65 32.3 25.5 38.3
106 29.1 22.3 33.5

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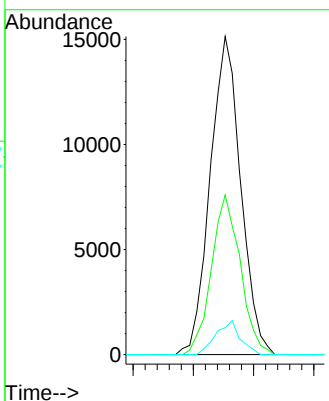
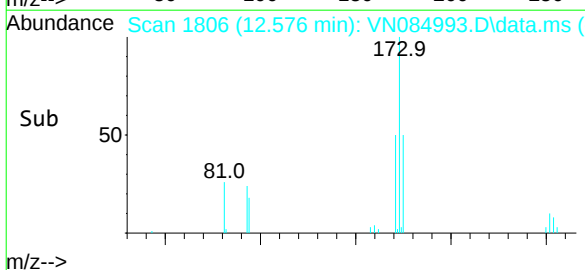
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

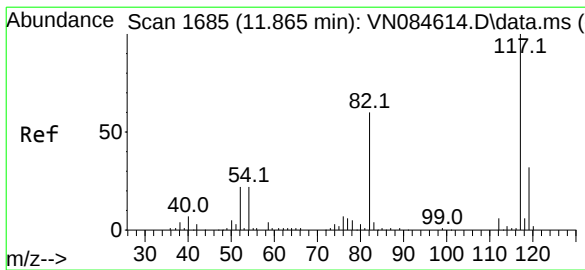


#56
Bromoform
Concen: 19.687 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06



Tgt Ion:173 Resp: 26655
Ion Ratio Lower Upper
173 100
175 47.4 39.4 59.2
254 8.5 6.4 9.6





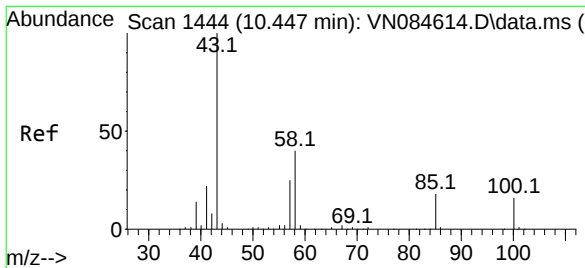
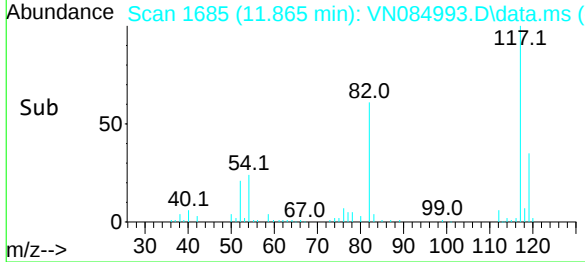
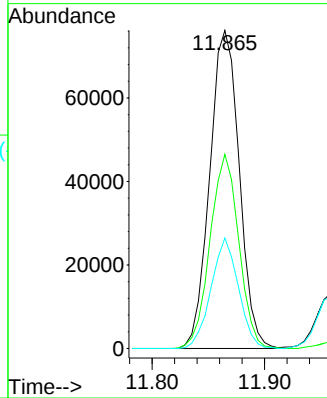
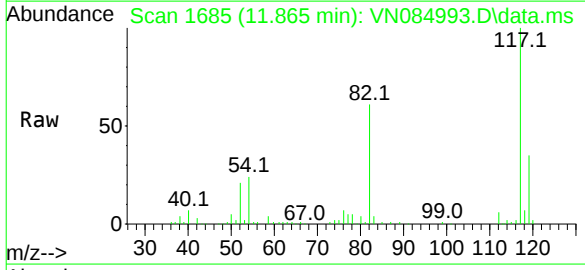
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 117 Resp: 139091
Ion Ratio Lower Upper
117 100
82 59.3 45.5 68.3
119 32.3 25.3 37.9

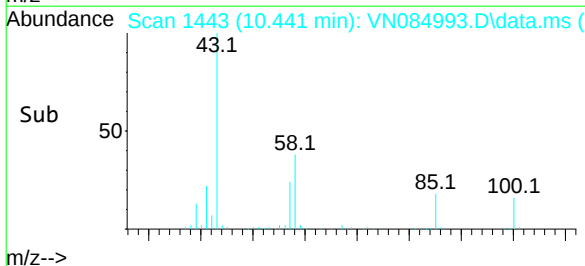
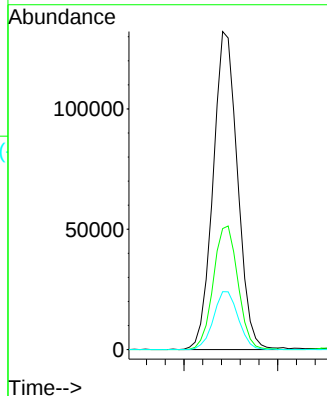
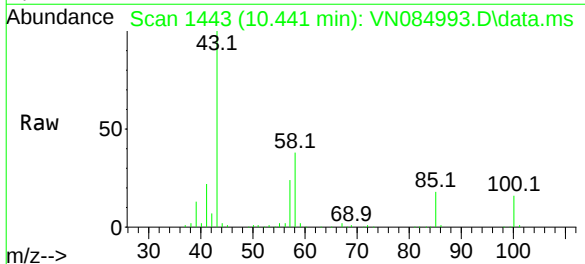
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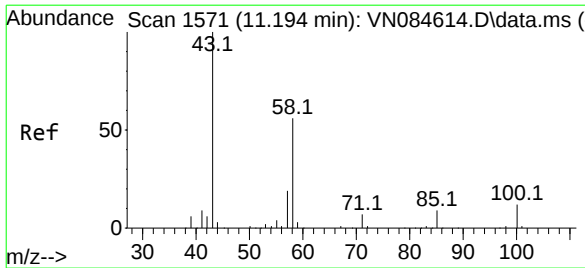
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#58
4-Methyl-2-Pentanone
Concen: 109.205 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Tgt Ion: 43 Resp: 239631
Ion Ratio Lower Upper
43 100
58 39.1 31.2 46.8
85 18.4 14.9 22.3





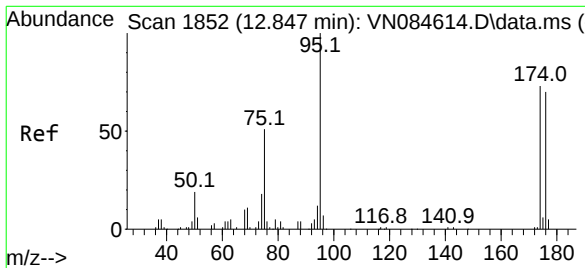
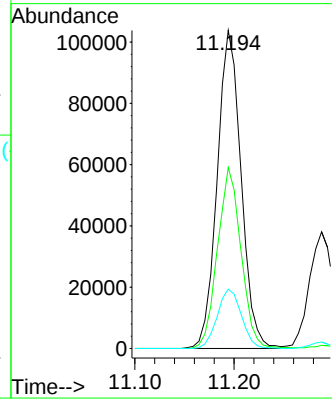
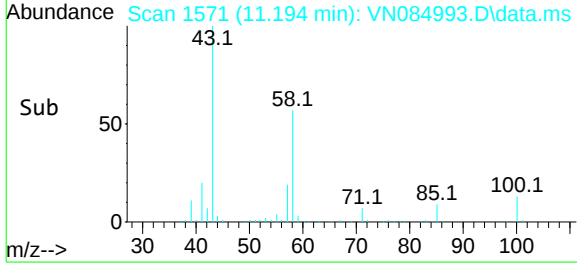
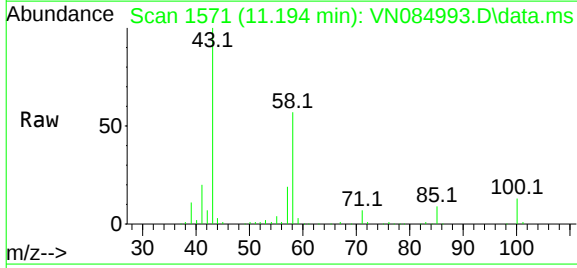
#59
2-Hexanone
Concen: 108.224 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 173896
Ion Ratio Lower Upper
43 100
58 56.0 43.8 65.6
57 18.9 15.0 22.6

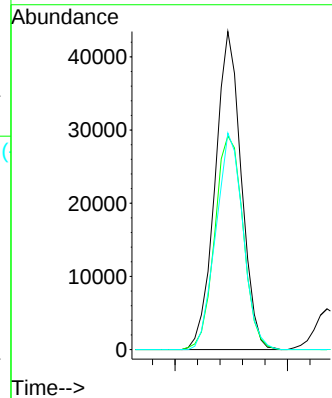
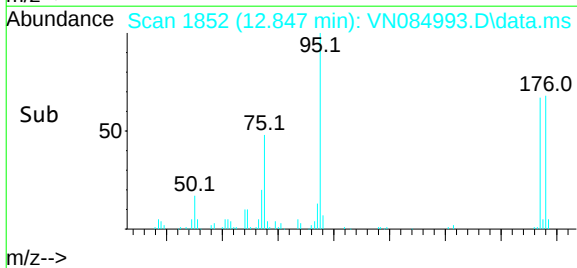
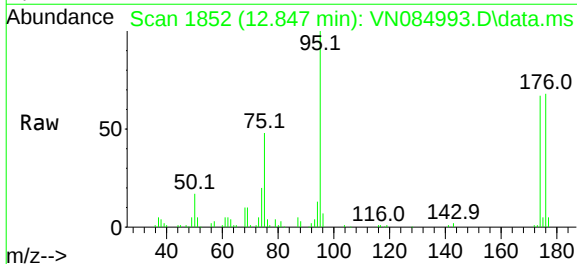
Manual Integrations
APPROVED

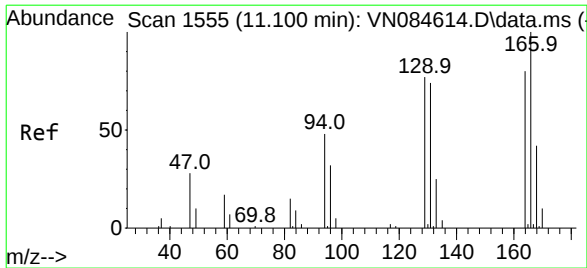
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#60
4-Bromofluorobenzene
Concen: 29.390 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

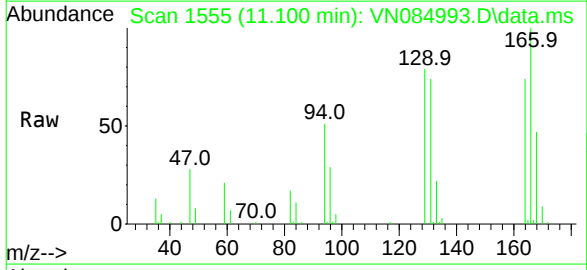
Tgt Ion: 95 Resp: 70386
Ion Ratio Lower Upper
95 100
174 72.6 59.6 89.4
176 70.5 58.6 88.0





#61
Tetrachloroethene
Concen: 19.679 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

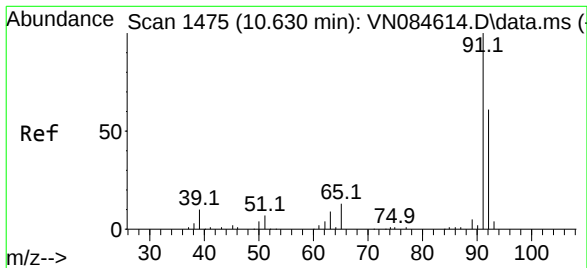
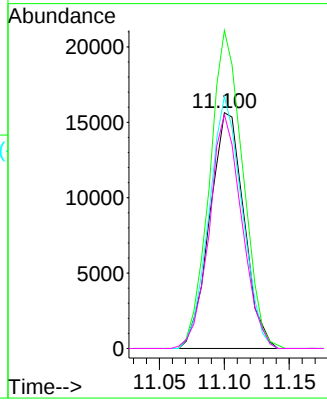
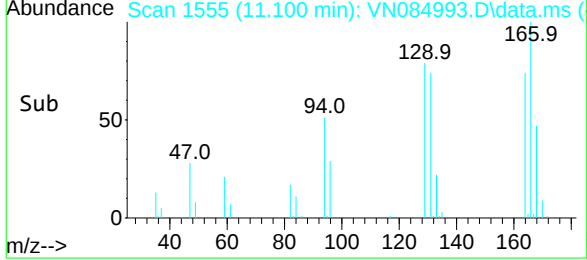
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 28647
Ion Ratio Lower Upper
164 100
166 134.9 100.5 150.7
129 106.9 77.7 116.5
131 99.3 74.7 112.1

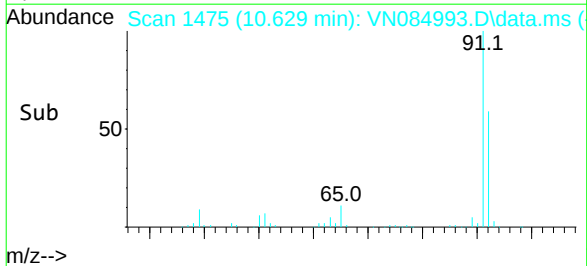
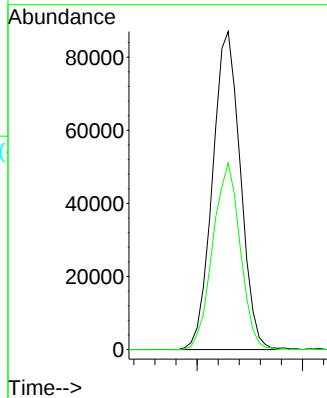
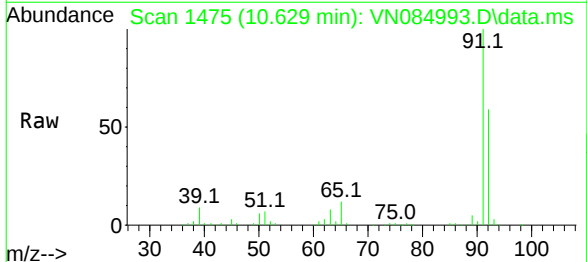
Manual Integrations
APPROVED

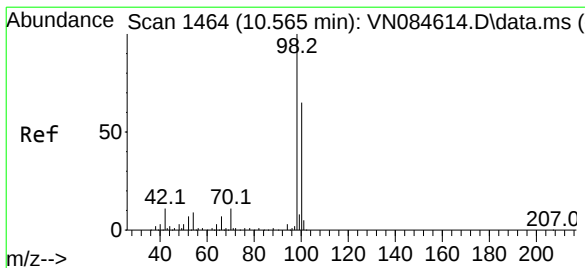
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#62
Toluene
Concen: 20.169 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

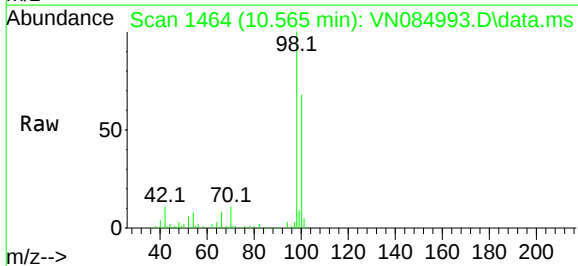
Tgt Ion: 91 Resp: 159783
Ion Ratio Lower Upper
91 100
92 57.6 47.5 71.3





#63
Toluene-d8
Concen: 29.639 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

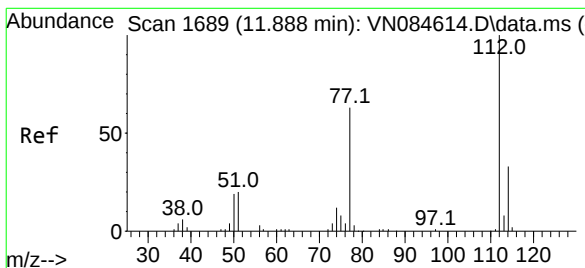
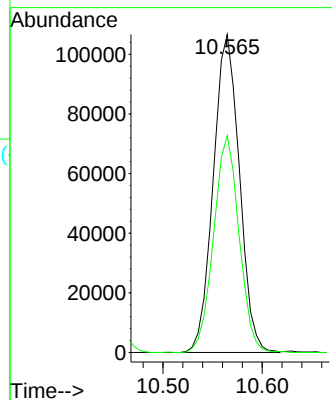
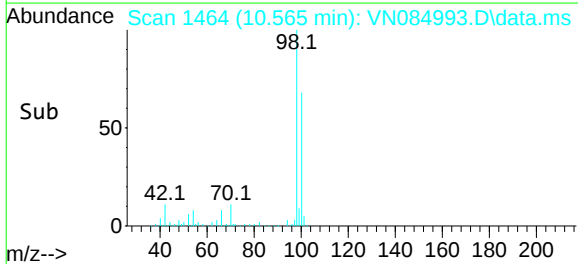
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 195160
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.2

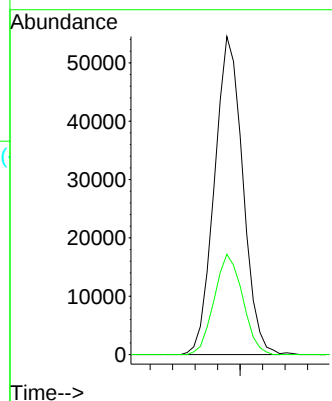
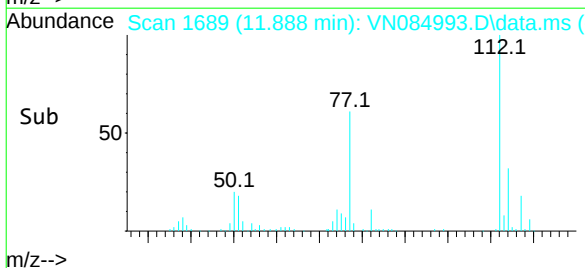
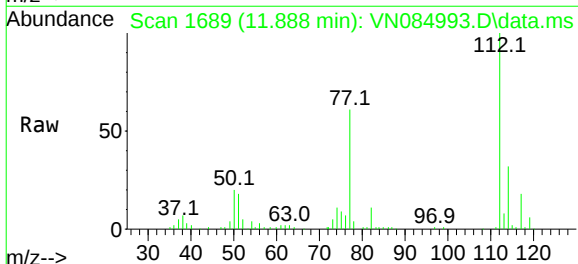
Manual Integrations
APPROVED

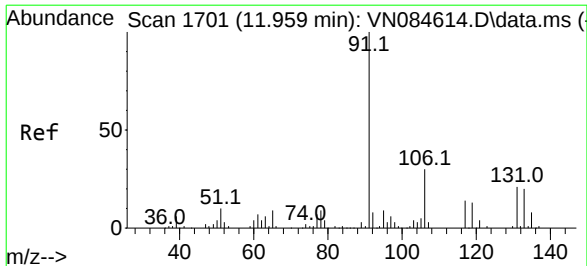
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#64
Chlorobenzene
Concen: 19.954 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Tgt Ion:112 Resp: 95430
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.4





#65

1,1,1,2-Tetrachloroethane

Concen: 21.084 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN084993.D

Acq: 21 Nov 2024 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

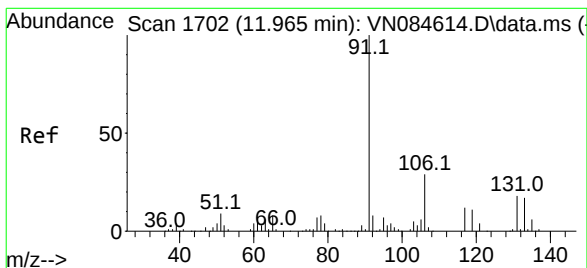
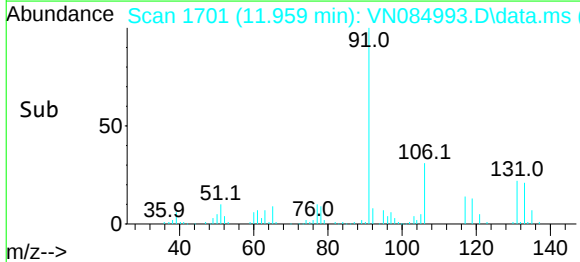
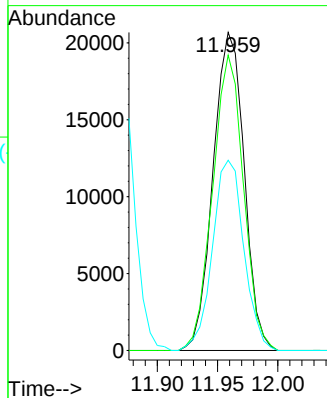
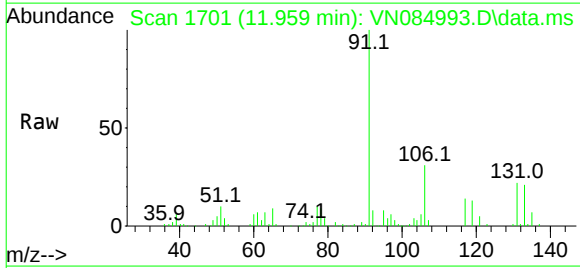
Tgt Ion:	131	Resp:	37057
Ion Ratio	Lower	Upper	
131	100		
133	92.4	0.0	189.2
119	60.5	0.0	129.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#66

Ethyl Benzene

Concen: 19.151 ug/l

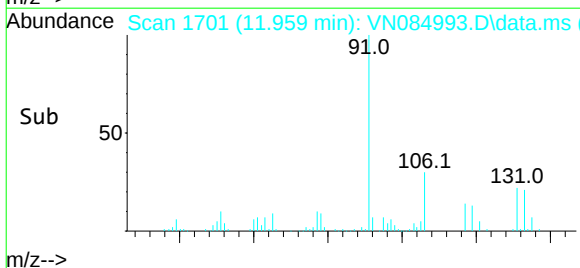
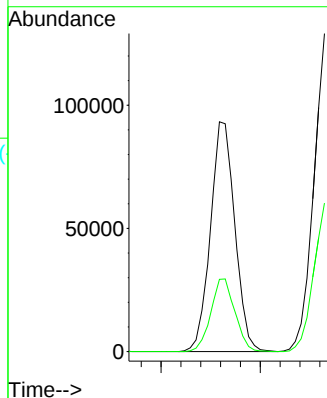
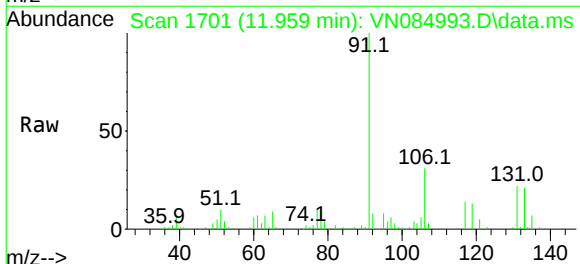
RT: 11.959 min Scan# 1701

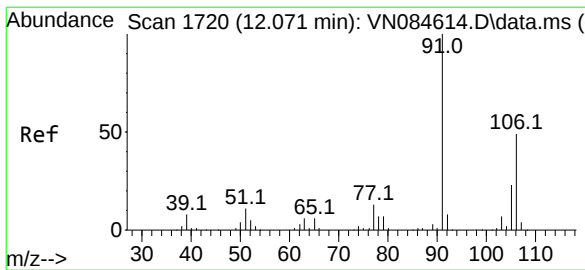
Delta R.T. -0.006 min

Lab File: VN084993.D

Acq: 21 Nov 2024 13:06

Tgt Ion:	91	Resp:	159442
Ion Ratio	Lower	Upper	
91	100		
106	31.4	22.9	34.3





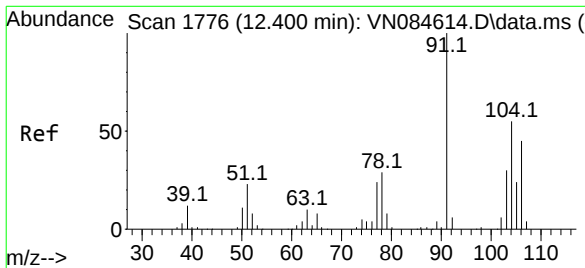
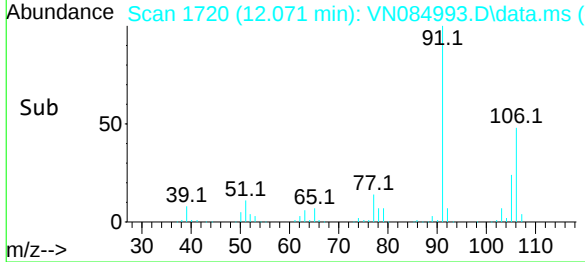
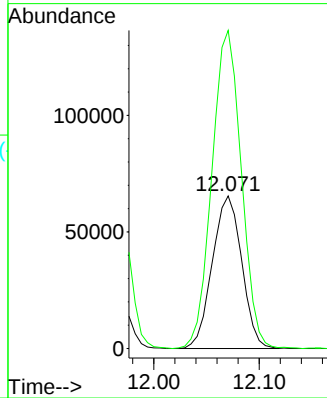
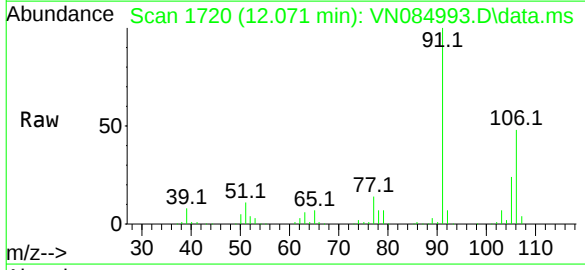
#67
m/p-Xylenes
Concen: 39.825 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 126941
Ion Ratio Lower Upper
106 100
91 208.0 168.1 252.1

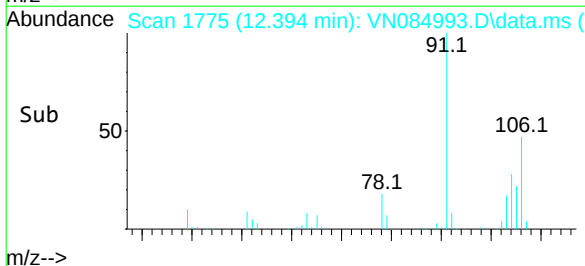
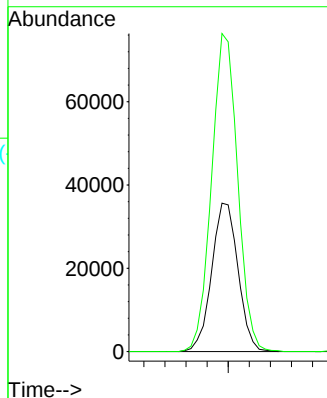
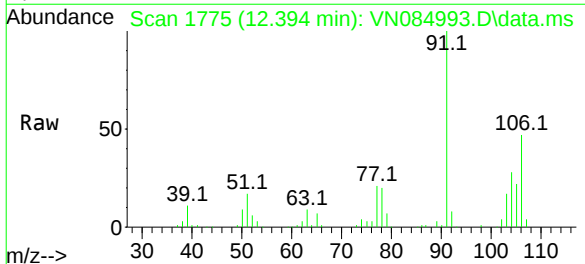
Manual Integrations
APPROVED

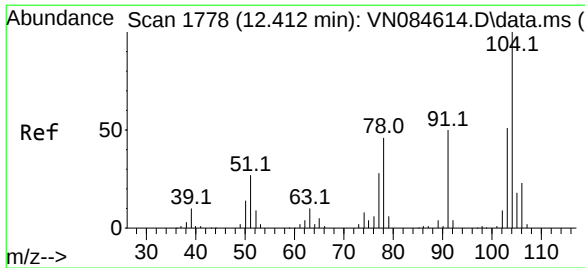
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#68
o-Xylene
Concen: 20.138 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Tgt Ion:106 Resp: 61920
Ion Ratio Lower Upper
106 100
91 211.8 107.7 322.9





#69

Styrene

Concen: 19.347 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084993.D

Acq: 21 Nov 2024 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

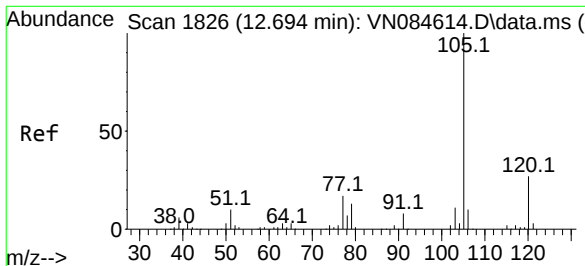
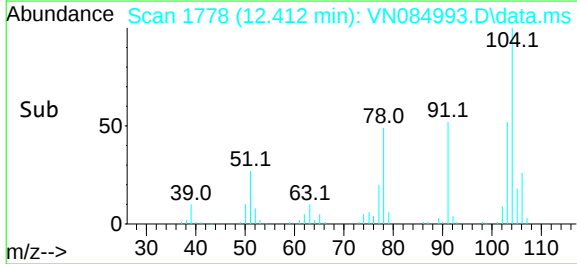
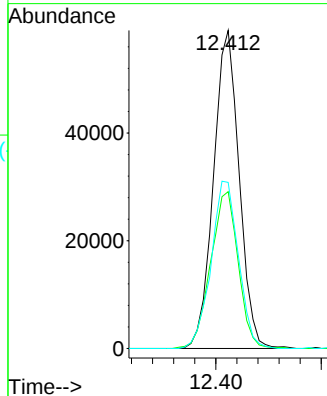
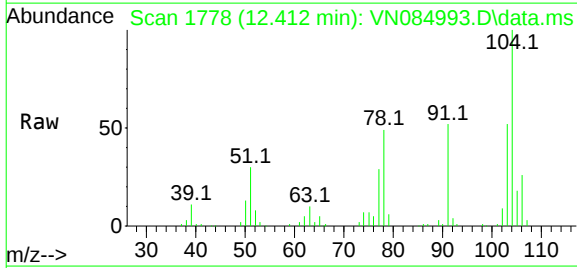
Tgt Ion:	104	Resp:	99744
Ion Ratio	Lower	Upper	
104	100		
78	52.9	41.5	62.3
103	56.1	44.6	67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#70

Isopropylbenzene

Concen: 19.689 ug/l

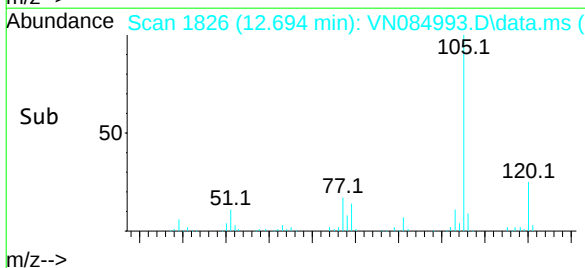
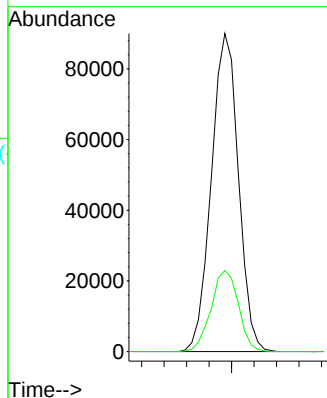
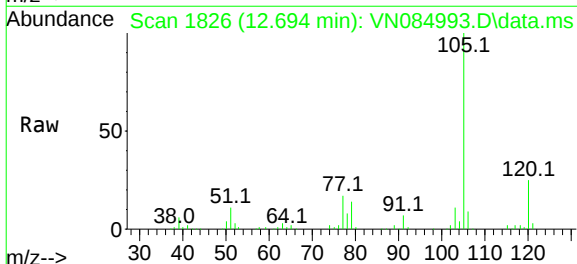
RT: 12.694 min Scan# 1826

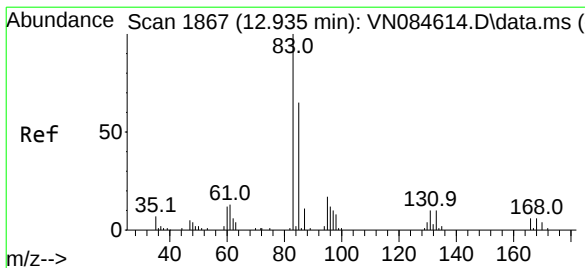
Delta R.T. -0.000 min

Lab File: VN084993.D

Acq: 21 Nov 2024 13:06

Tgt Ion:	105	Resp:	150387
Ion Ratio	Lower	Upper	
105	100		
120	25.8	18.7	34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 21.940 ug/l

RT: 12.935 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN084993.D

Acq: 21 Nov 2024 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

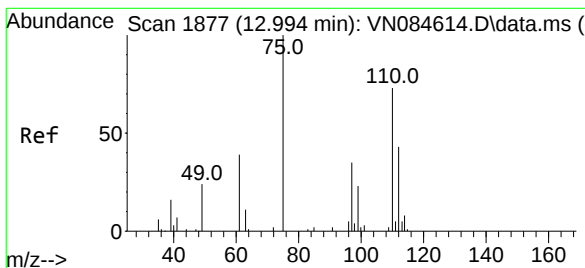
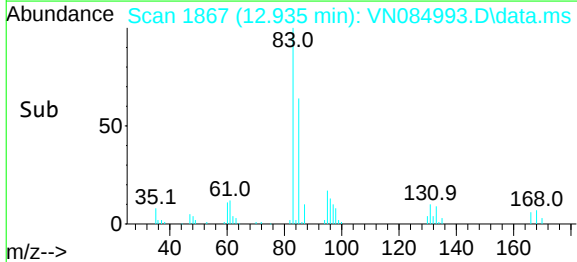
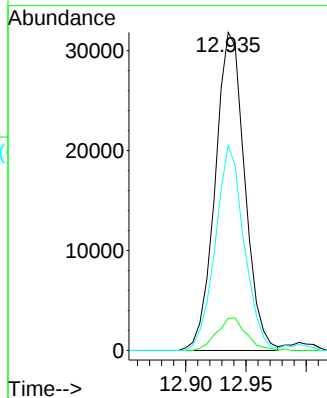
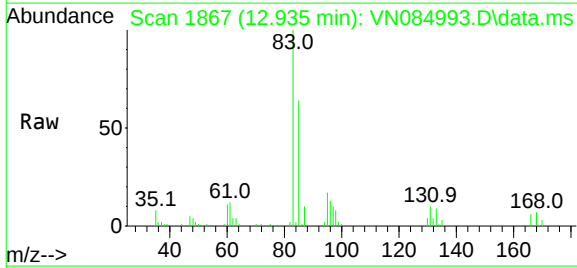
Tgt Ion: 83	Resp: 54318
Ion Ratio	Lower Upper
83 100	
131 10.2	5.1 15.3
85 62.7	33.3 99.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#72

1,2,3-Trichloropropane

Concen: 20.188 ug/l m

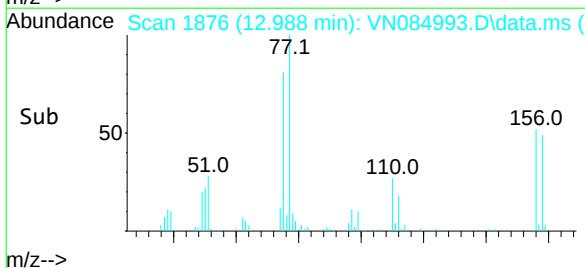
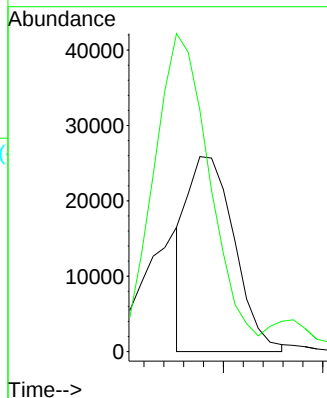
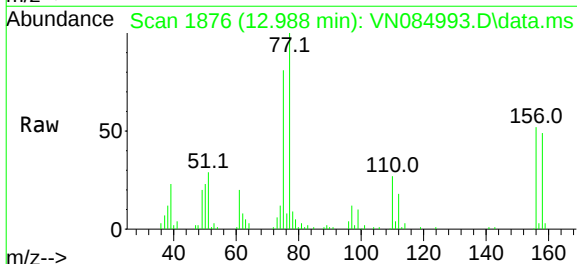
RT: 12.988 min Scan# 1876

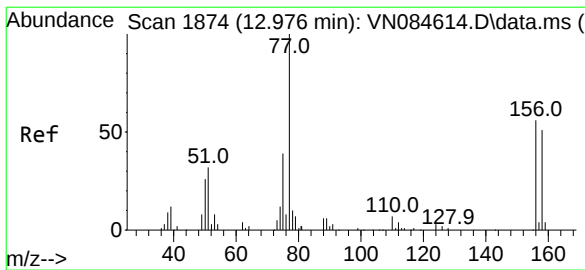
Delta R.T. -0.006 min

Lab File: VN084993.D

Acq: 21 Nov 2024 13:06

Tgt Ion: 75	Resp: 42678
Ion Ratio	Lower Upper
75 100	
77 196.5	0.0 358.4





#73

Bromobenzene

Concen: 19.463 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN084993.D

Acq: 21 Nov 2024 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

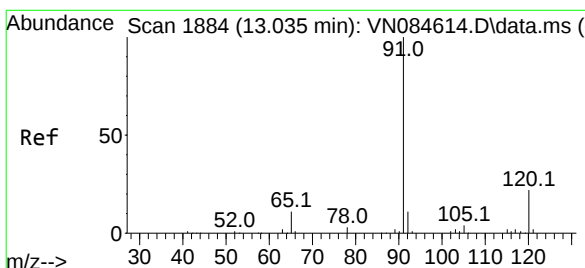
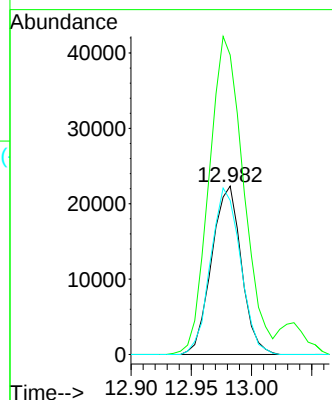
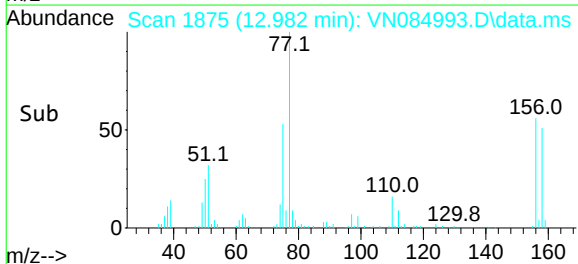
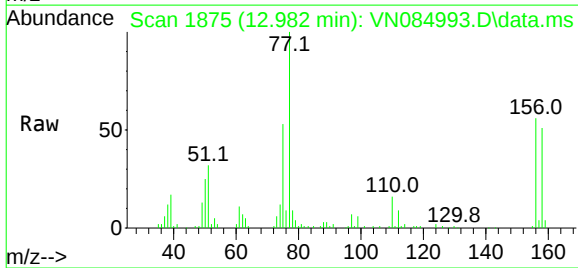
Tgt	Ion:	156	Resp:	38343
Ion	Ratio	Lower	Upper	
156	100			
77	218.7	0.0	427.6	
158	99.8	0.0	191.6	

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#74

n-propylbenzene

Concen: 19.455 ug/l

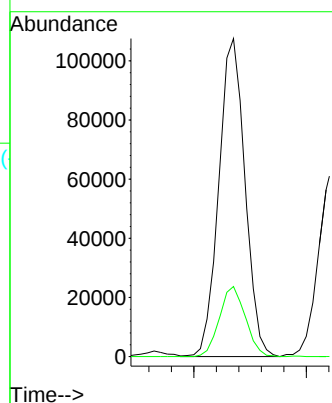
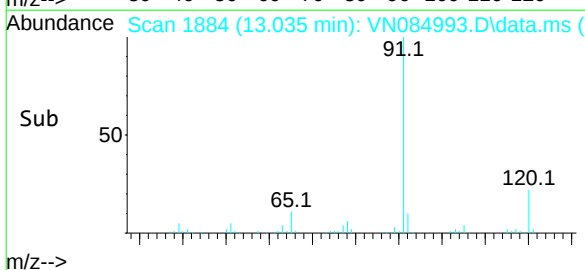
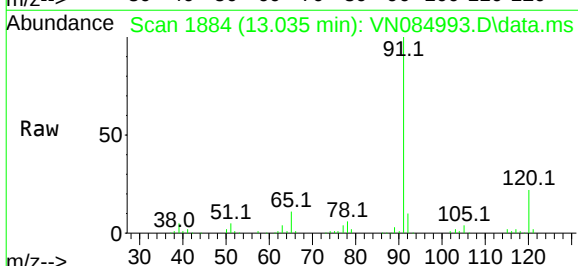
RT: 13.035 min Scan# 1884

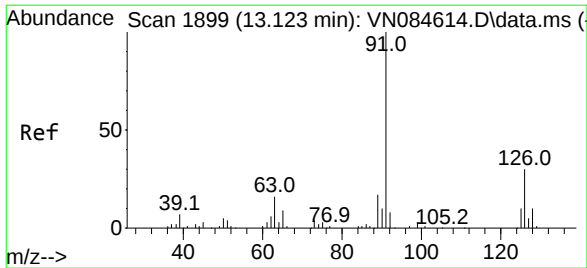
Delta R.T. -0.000 min

Lab File: VN084993.D

Acq: 21 Nov 2024 13:06

Tgt	Ion:	91	Resp:	173761
Ion	Ratio	Lower	Upper	
91	100			
120	21.8	0.0	44.0	





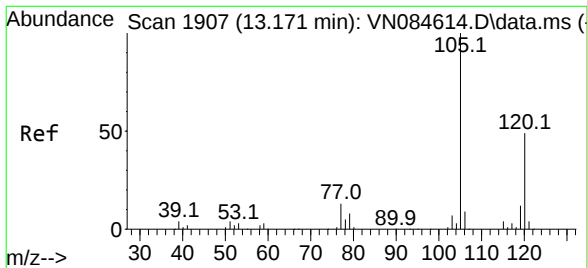
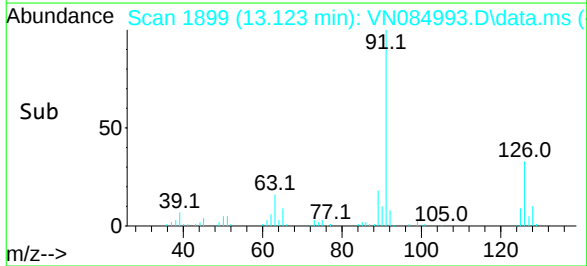
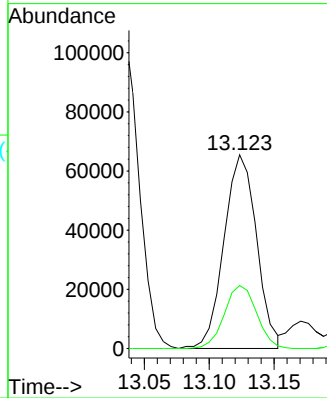
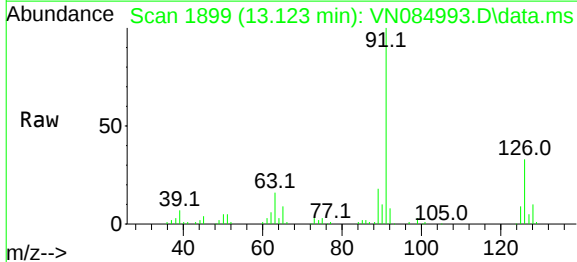
#75
2-Chlorotoluene
Concen: 19.685 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 114497
Ion Ratio Lower Upper
91 100
126 32.1 0.0 60.8

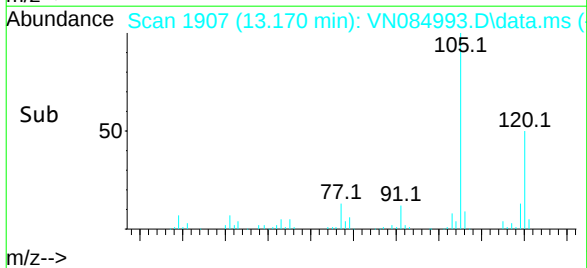
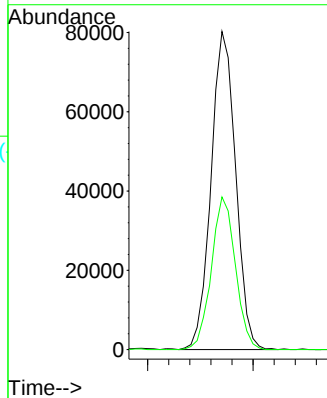
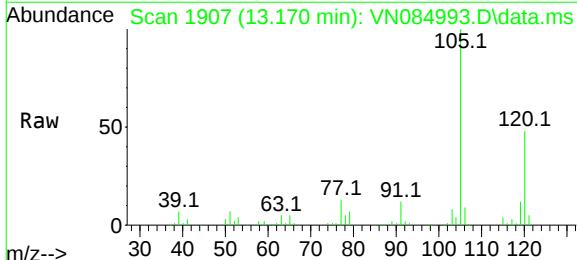
Manual Integrations
APPROVED

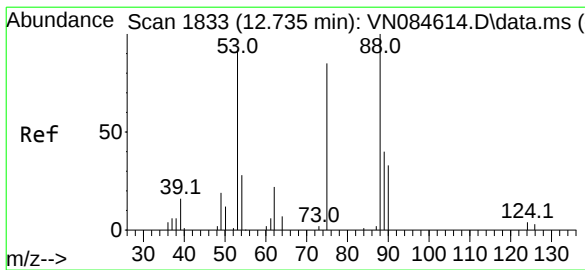
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.930 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

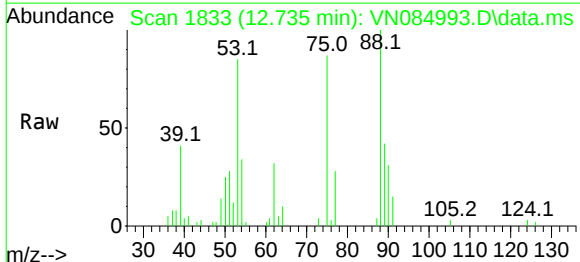
Tgt Ion:105 Resp: 130063
Ion Ratio Lower Upper
105 100
120 46.9 0.0 96.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.381 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

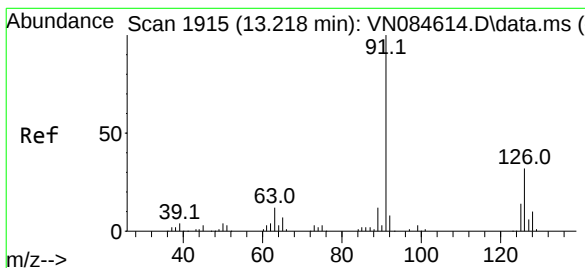
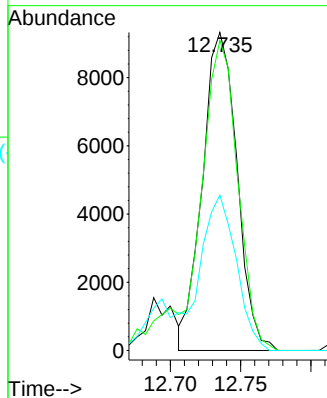
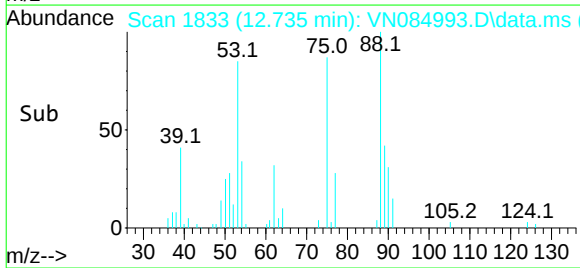
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 15937
Ion Ratio Lower Upper
75 100
53 97.5 52.4 157.2
89 48.8 26.0 78.0

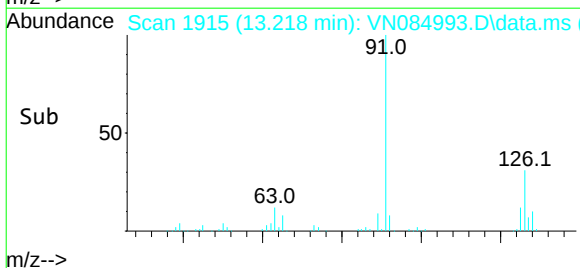
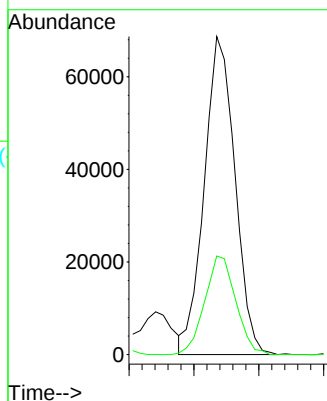
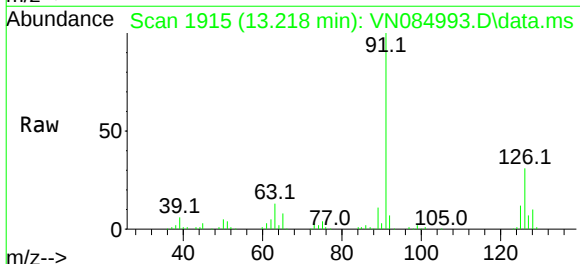
Manual Integrations
APPROVED

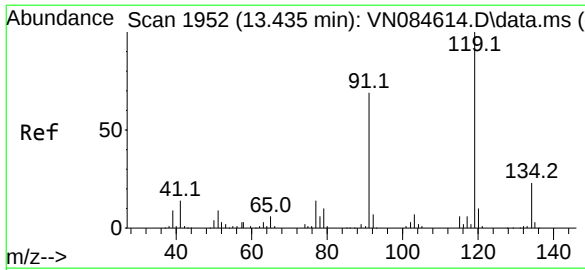
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#78
4-Chlorotoluene
Concen: 19.243 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Tgt Ion: 91 Resp: 113082
Ion Ratio Lower Upper
91 100
126 31.4 0.0 63.4





#79
tert-butylbenzene
Concen: 20.459 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Instrument :

MSVOA_N

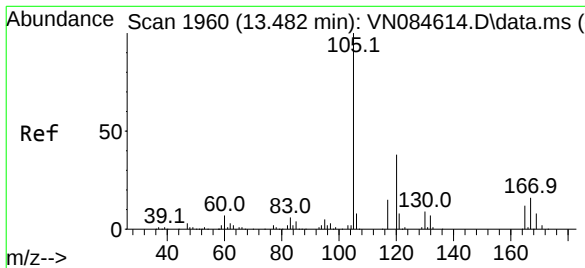
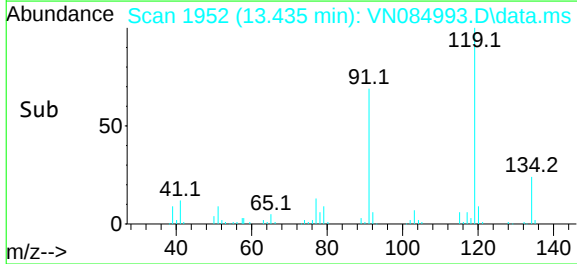
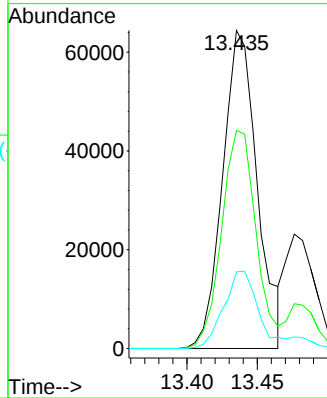
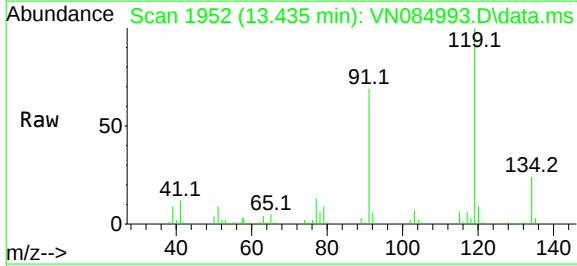
ClientSampleId :

VSTDCCC020EC

Tgt Ion:119 Resp: 110417
Ion Ratio Lower Upper
119 100
91 68.2 0.0 143.2
134 22.9 0.0 49.4

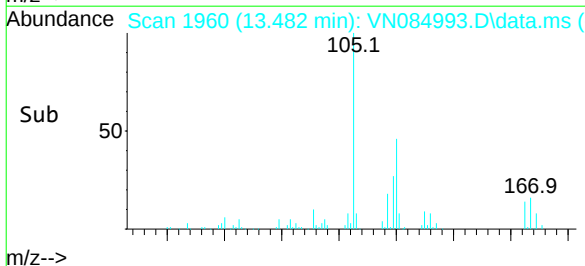
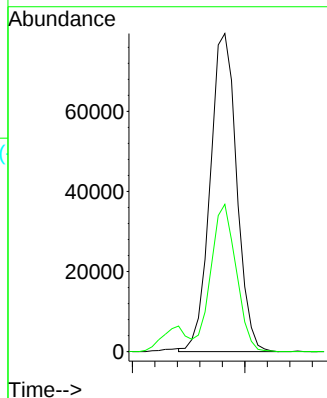
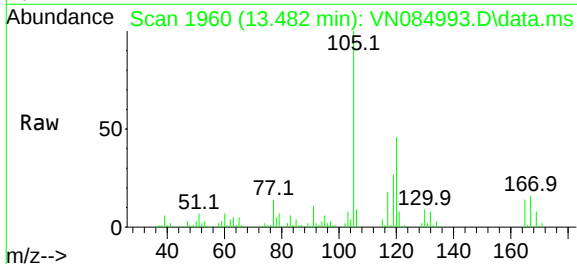
Manual Integrations
APPROVED

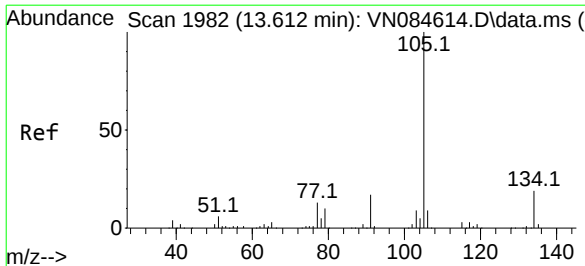
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.786 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

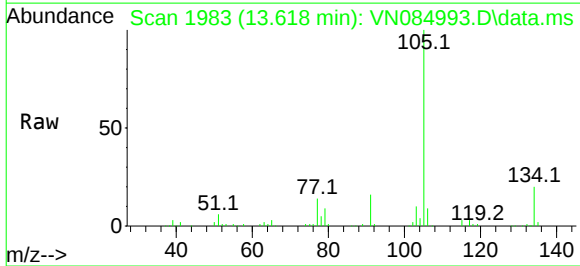
Tgt Ion:105 Resp: 130269
Ion Ratio Lower Upper
105 100
120 44.2 0.0 90.4





#81
sec-Butylbenzene
Concen: 19.500 ug/l
RT: 13.618 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

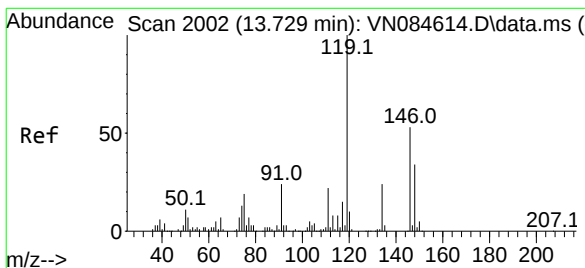
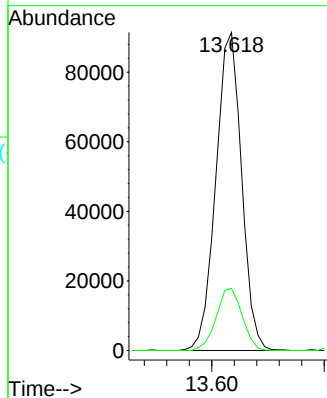
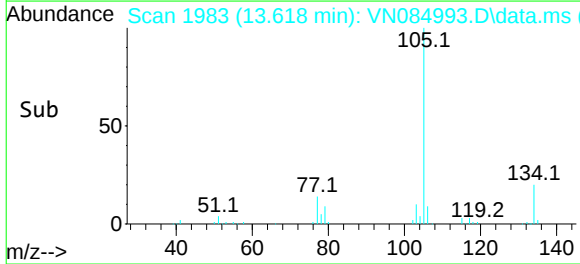
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



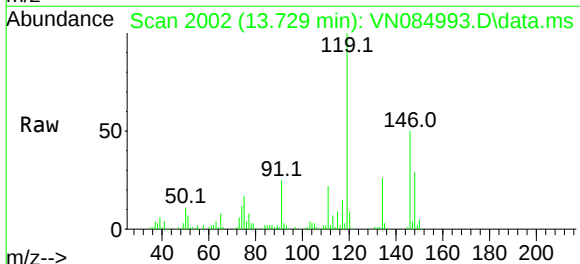
Tgt Ion:105 Resp: 145013
Ion Ratio Lower Upper
105 100
134 19.7 0.0 39.0

Manual Integrations
APPROVED

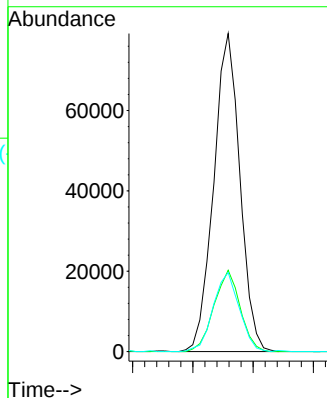
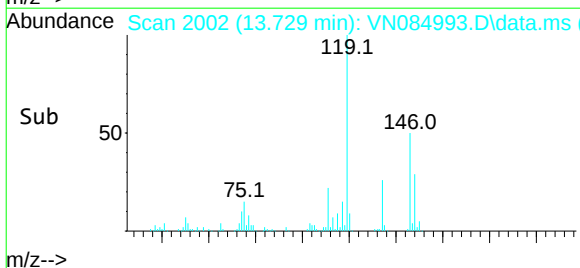
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

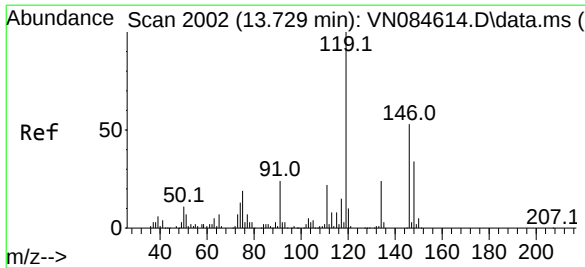


#82
p-Isopropyltoluene
Concen: 19.190 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06



Tgt Ion:119 Resp: 119914
Ion Ratio Lower Upper
119 100
134 25.5 0.0 51.4
91 24.8 0.0 50.4





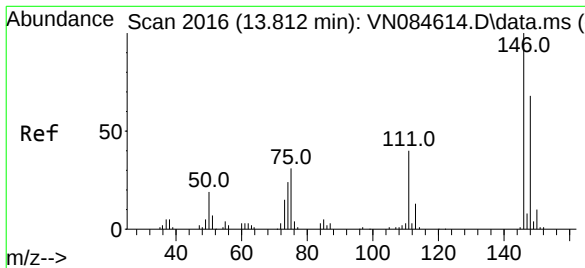
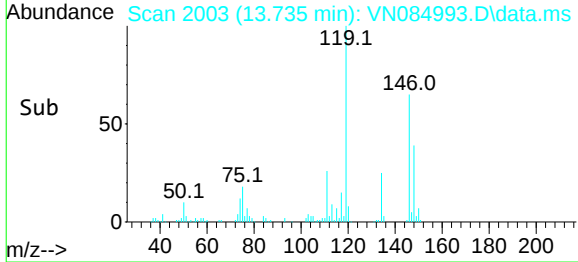
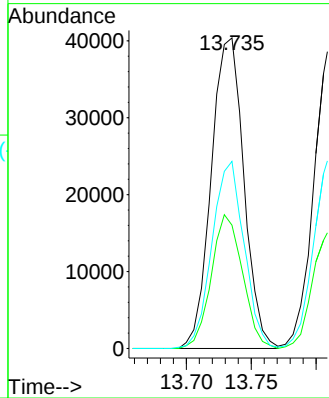
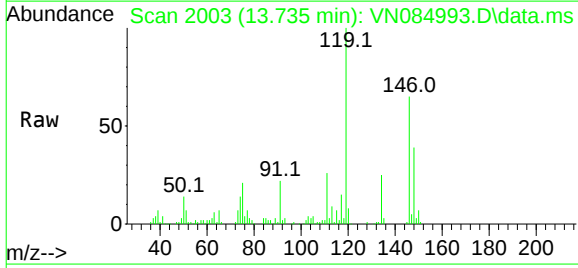
#83
1,3-Dichlorobenzene
Concen: 19.404 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:146 Resp: 70695
Ion Ratio Lower Upper
146 100
111 41.3 21.0 63.0
148 59.3 31.3 93.8

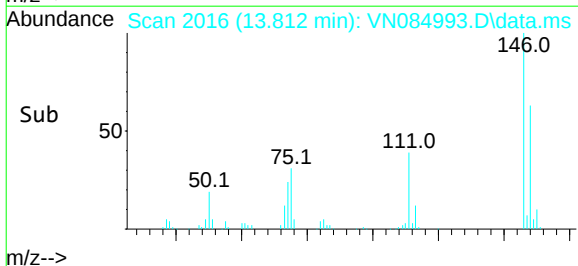
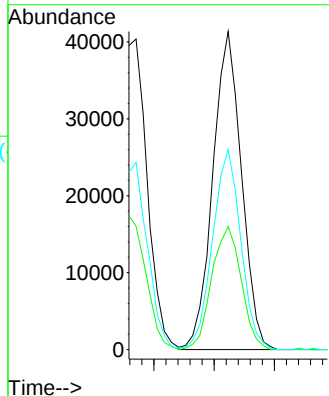
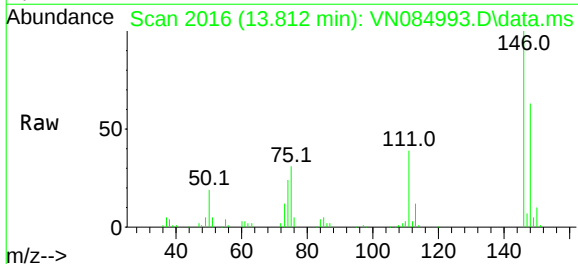
Manual Integrations
APPROVED

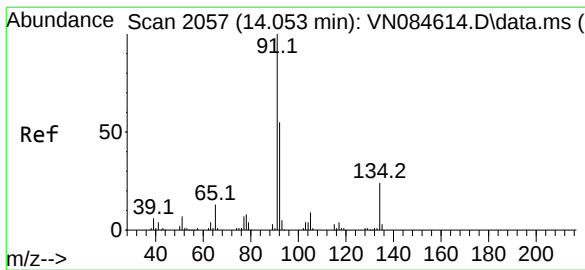
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#84
1,4-Dichlorobenzene
Concen: 18.999 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Tgt Ion:146 Resp: 68398
Ion Ratio Lower Upper
146 100
111 39.8 20.2 60.5
148 62.0 32.6 98.0





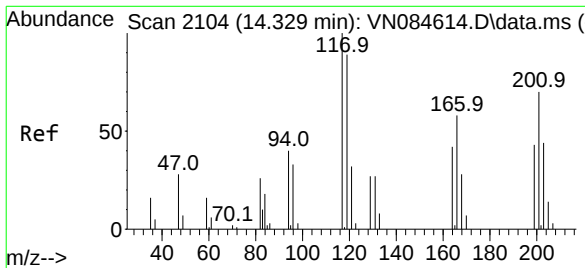
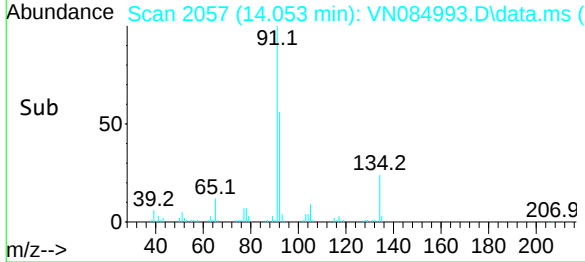
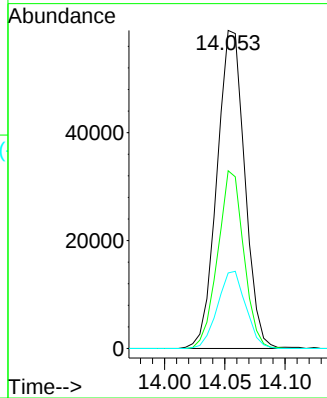
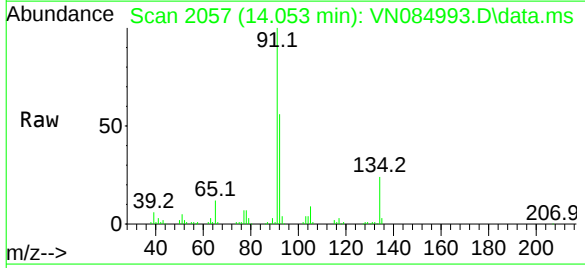
#85
n-Butylbenzene
Concen: 17.986 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 94396
Ion Ratio Lower Upper
91 100
92 52.4 0.0 106.2
134 24.7 0.0 48.2

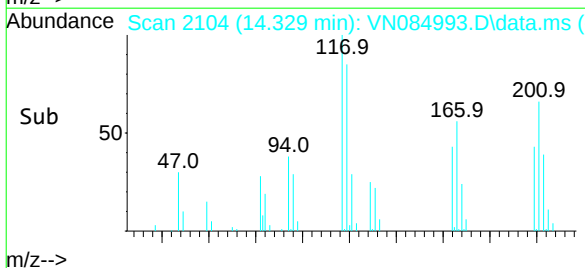
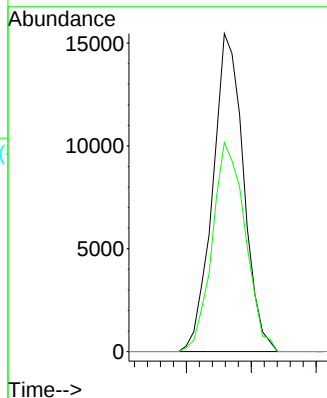
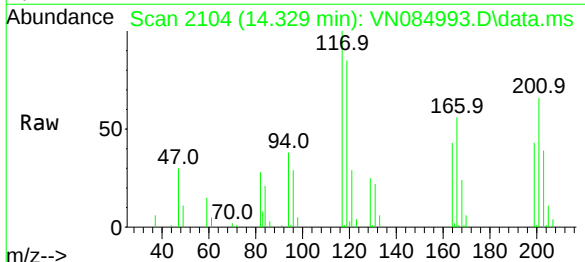
Manual Integrations
APPROVED

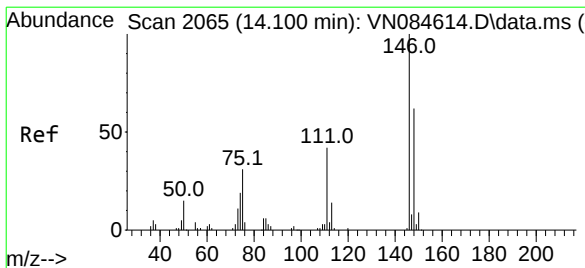
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#86
Hexachloroethane
Concen: 19.973 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084993.D
Acq: 21 Nov 2024 13:06

Tgt Ion:117 Resp: 25524
Ion Ratio Lower Upper
117 100
201 70.3 34.4 103.3





#87

1,2-Dichlorobenzene

Concen: 19.989 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN084993.D

Acq: 21 Nov 2024 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

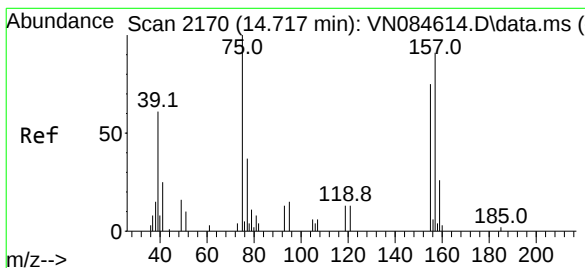
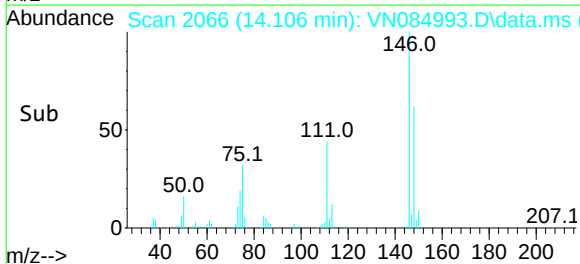
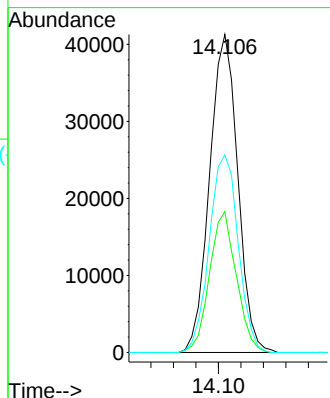
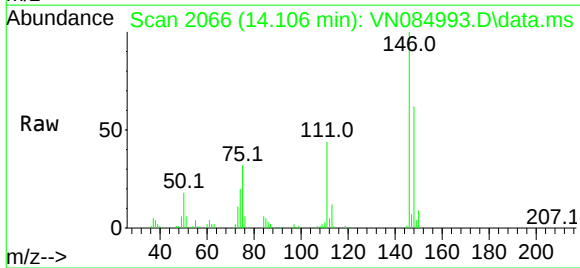
Tgt Ion:	146	Resp:	71765
Ion Ratio	Lower	Upper	
146	100		
111	42.3	22.4	67.0
148	64.0	32.6	98.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 23.103 ug/l

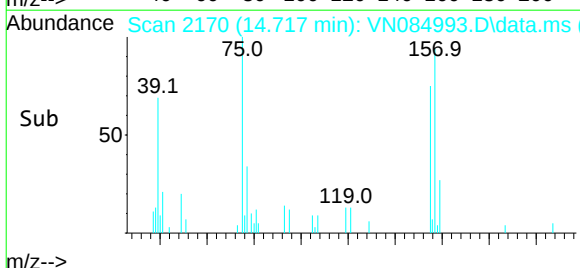
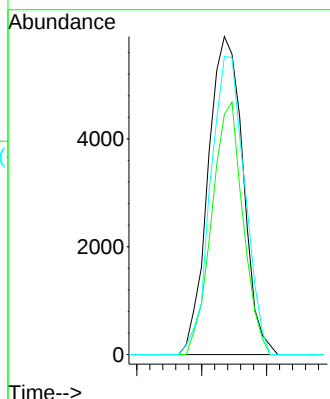
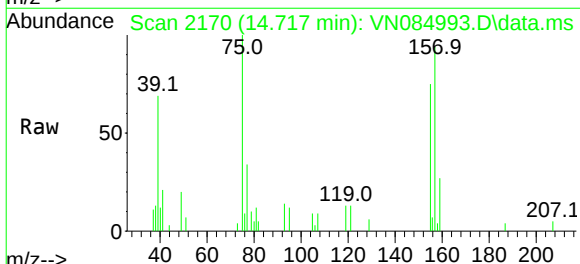
RT: 14.717 min Scan# 2170

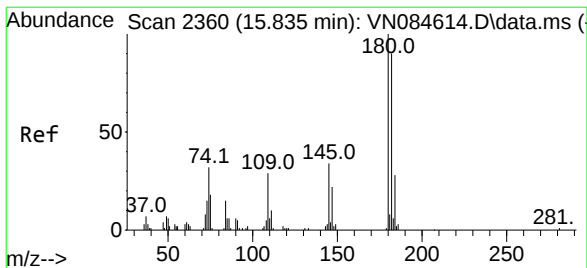
Delta R.T. -0.000 min

Lab File: VN084993.D

Acq: 21 Nov 2024 13:06

Tgt Ion:	75	Resp:	11036
Ion Ratio	Lower	Upper	
75	100		
155	70.8	61.8	92.6
157	91.3	74.7	112.1





#89

1,2,4-Trichlorobenzene

Concen: 18.033 ug/l

RT: 15.841 min Scan# 2360

Delta R.T. 0.006 min

Lab File: VN084993.D

Acq: 21 Nov 2024 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

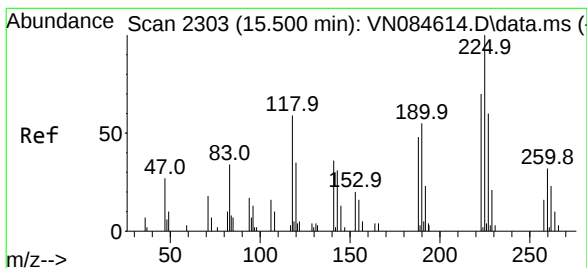
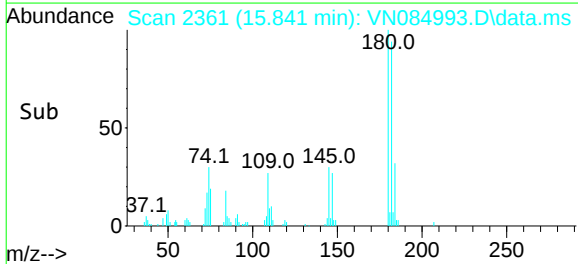
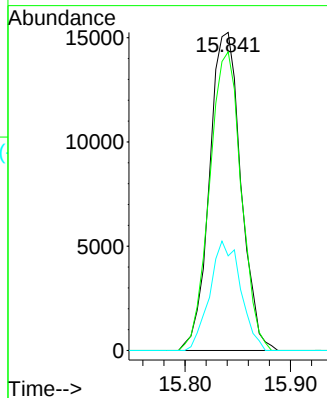
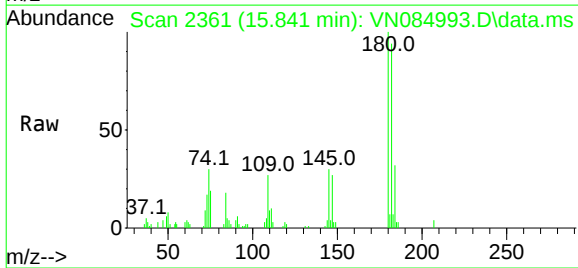
Tgt Ion:	180	Resp:	31524
Ion Ratio	Lower	Upper	
180	100		
182	94.7	73.0	109.6
145	33.9	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#90

Hexachlorobutadiene

Concen: 21.408 ug/l

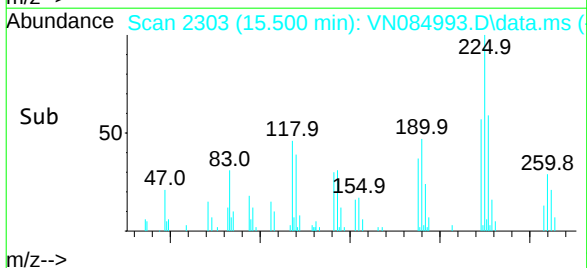
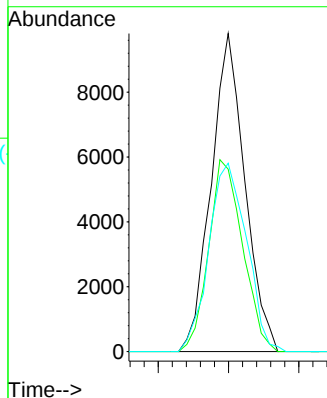
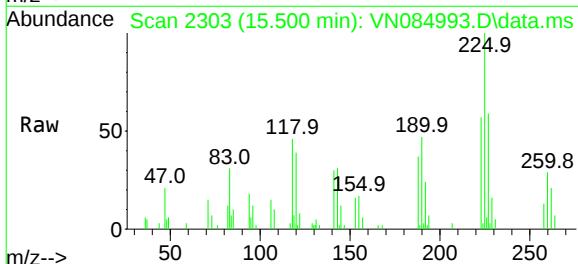
RT: 15.500 min Scan# 2303

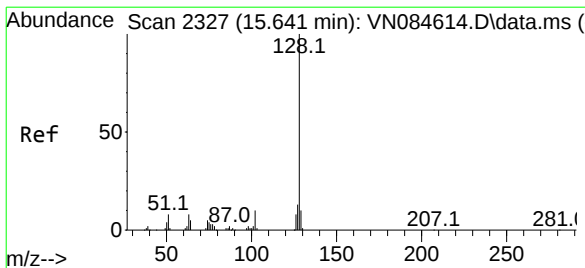
Delta R.T. -0.000 min

Lab File: VN084993.D

Acq: 21 Nov 2024 13:06

Tgt Ion:	225	Resp:	16347
Ion Ratio	Lower	Upper	
225	100		
223	60.9	0.0	138.8
227	66.3	0.0	123.2





#91

Naphthalene

Concen: 17.764 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN084993.D

Acq: 21 Nov 2024 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

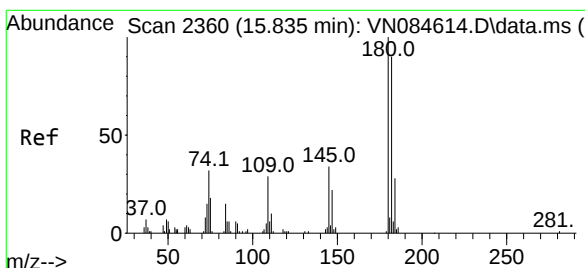
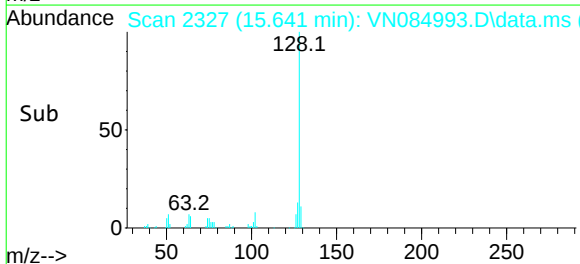
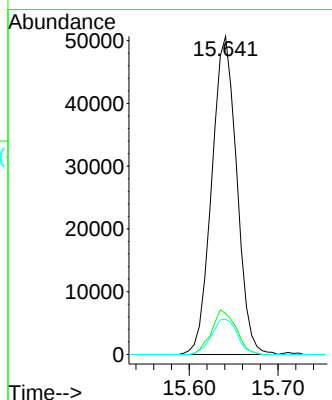
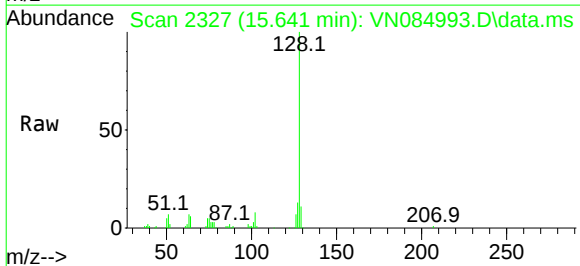
Tgt Ion:	128	Resp:	99167
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.3	15.5
129	11.4	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#92

1,2,3-Trichlorobenzene

Concen: 18.033 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084993.D

Acq: 21 Nov 2024 13:06

Tgt Ion:	180	Resp:	31524
Ion Ratio	Lower	Upper	
180	100		
182	94.7	0.0	182.6
145	33.9	0.0	66.2

