

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN084987.D
 Acq On : 21 Nov 2024 10:09
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

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

Quant Time: Nov 21 14:42:37 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	33996	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	179355	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	164023	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	82968	30.357	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.200%			
60) 4-Bromofluorobenzene	12.847	95	88511	31.340	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 104.467%			
63) Toluene-d8	10.565	98	233022	30.010	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.033%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.118	85	41652	21.065	ug/l	96
3) Chloromethane	2.359	50	44811	18.823	ug/l	96
4) Vinyl Chloride	2.512	62	42735	19.332	ug/l	98
5) Bromomethane	2.900	94	23012	20.510	ug/l	99
6) Chloroethane	3.071	64	27661	19.058	ug/l #	86
7) Trichlorofluoromethane	3.471	101	72284	20.134	ug/l	99
8) Diethyl Ether	3.953	74	24539	19.162	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.359	101	41865	20.635	ug/l	86
10) 1,1-Dichloroethene	4.330	96	37691	19.024	ug/l	83
11) Methyl Iodide	4.583	142	53189	19.533	ug/l	94
12) Methyl Acetate	5.018	43	52828	17.106	ug/l	99
13) Acrolein	4.177	56	40617	106.654	ug/l	99
14) Acrylonitrile	5.712	53	98846	97.839	ug/l	98
15) Acetone	4.424	58	25621	98.698	ug/l	99
16) Carbon Disulfide	4.700	76	104210	17.876	ug/l	98
17) Allyl chloride	5.012	41	54126	16.033	ug/l	95
18) Methylene Chloride	5.265	84	42981	18.513	ug/l	99
19) trans-1,2-Dichloroethene	5.777	96	38322	18.454	ug/l	90
20) Diisopropyl ether	6.671	45	128701	19.044	ug/l	95
21) 1,1-Dichloroethane	6.559	63	76278	18.768	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	44210	17.832	ug/l	99
23) tert-Butyl Alcohol	5.541	59	33641m	95.380	ug/l	
24) Methyl tert-Butyl Ether	5.789	73	121089m	18.900	ug/l	
25) Chloroform	7.959	83	79800	19.164	ug/l	96
26) Cyclohexane	8.253	56	61846	19.921	ug/l #	97
29) 1,1-Dichloropropene	8.365	75	53180	19.686	ug/l	98
30) 2-Butanone	7.483	43	127794	102.552	ug/l	99
31) 2,2-Dichloropropane	7.483	77	70292	21.316	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	72219	19.678	ug/l	99
33) Carbon Tetrachloride	8.353	117	63830	20.382	ug/l	95
34) Benzene	8.600	78	169523	18.985	ug/l	96
35) Methacrylonitrile	7.777	41	28991	19.629	ug/l	96
36) 1,2-Dichloroethane	8.665	62	58594	19.732	ug/l	98
37) Trichloroethene	9.353	130	37651	18.691	ug/l	96
38) Methylcyclohexane	9.594	83	54424	18.714	ug/l	99
39) 1,2-Dichloropropane	9.618	63	41464	19.290	ug/l	97
40) Dibromomethane	9.706	93	29647	19.716	ug/l	97
41) Bromodichloromethane	9.888	83	62187	19.291	ug/l	94
42) Vinyl Acetate	6.594	43	444423	95.413	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	48642	18.577	ug/l	96
44) Isopropyl Acetate	8.688	43	104200	19.652	ug/l	98
45) 1,4-Dioxane	9.694	88	13859	391.521	ug/l #	87
46) Methyl methacrylate	9.682	41	40301	18.914	ug/l	92
47) n-amyl Acetate	12.494	43	74142	18.723	ug/l	99
48) t-1,3-Dichloropropene	10.829	75	59053	18.552	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	64780	18.989	ug/l	94
50) 1,1,2-Trichloroethane	11.012	97	41107	20.380	ug/l	96
51) Ethyl methacrylate	10.871	69	56812	18.273	ug/l	98
52) 1,3-Dichloropropane	11.159	76	68337	19.519	ug/l	99
53) Dibromochloromethane	11.359	129	46003	19.490	ug/l	97
54) 1,2-Dibromoethane	11.465	107	39883	19.550	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	147551	96.800	ug/l	99
56) Bromoform	12.576	173	30775	19.451	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	267148	103.239	ug/l	99
59) 2-Hexanone	11.194	43	202058	106.636	ug/l	100
61) Tetrachloroethene	11.106	164	32719	19.060	ug/l	94
62) Toluene	10.629	91	180288	19.298	ug/l	97
64) Chlorobenzene	11.888	112	107139	18.997	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	39814	19.209	ug/l	97
66) Ethyl Benzene	11.959	91	178115	18.142	ug/l	93
67) m/p-Xylenes	12.070	106	144624	38.476	ug/l	98
68) o-Xylene	12.400	106	68894	19.001	ug/l	97
69) Styrene	12.412	104	116151	19.105	ug/l	99
70) Isopropylbenzene	12.694	105	170342	18.911	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	59285	20.307	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	49314m	19.782	ug/l	
73) Bromobenzene	12.976	156	44563	19.182	ug/l	97
74) n-propylbenzene	13.035	91	203844	19.354	ug/l	99
75) 2-Chlorotoluene	13.123	91	133176	19.416	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	149473	19.422	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	20493	20.043	ug/l	98
78) 4-Chlorotoluene	13.223	91	133045	19.198	ug/l	100
79) tert-butylbenzene	13.435	119	122941	19.317	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	152333	19.621	ug/l	99
81) sec-Butylbenzene	13.617	105	168731	19.240	ug/l	100
82) p-Isopropyltoluene	13.729	119	142835	19.384	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	80688	18.780	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	77795	18.325	ug/l	99
85) n-Butylbenzene	14.053	91	112759	18.220	ug/l	98
86) Hexachloroethane	14.329	117	30305	20.109	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	82352	19.451	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	11448	20.322	ug/l	97
89) 1,2,4-Trichlorobenzene	15.841	180	36162	17.542	ug/l	97
90) Hexachlorobutadiene	15.500	225	19451	21.601	ug/l	94
91) Naphthalene	15.641	128	106129	16.121	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	36162	17.542	ug/l	97

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

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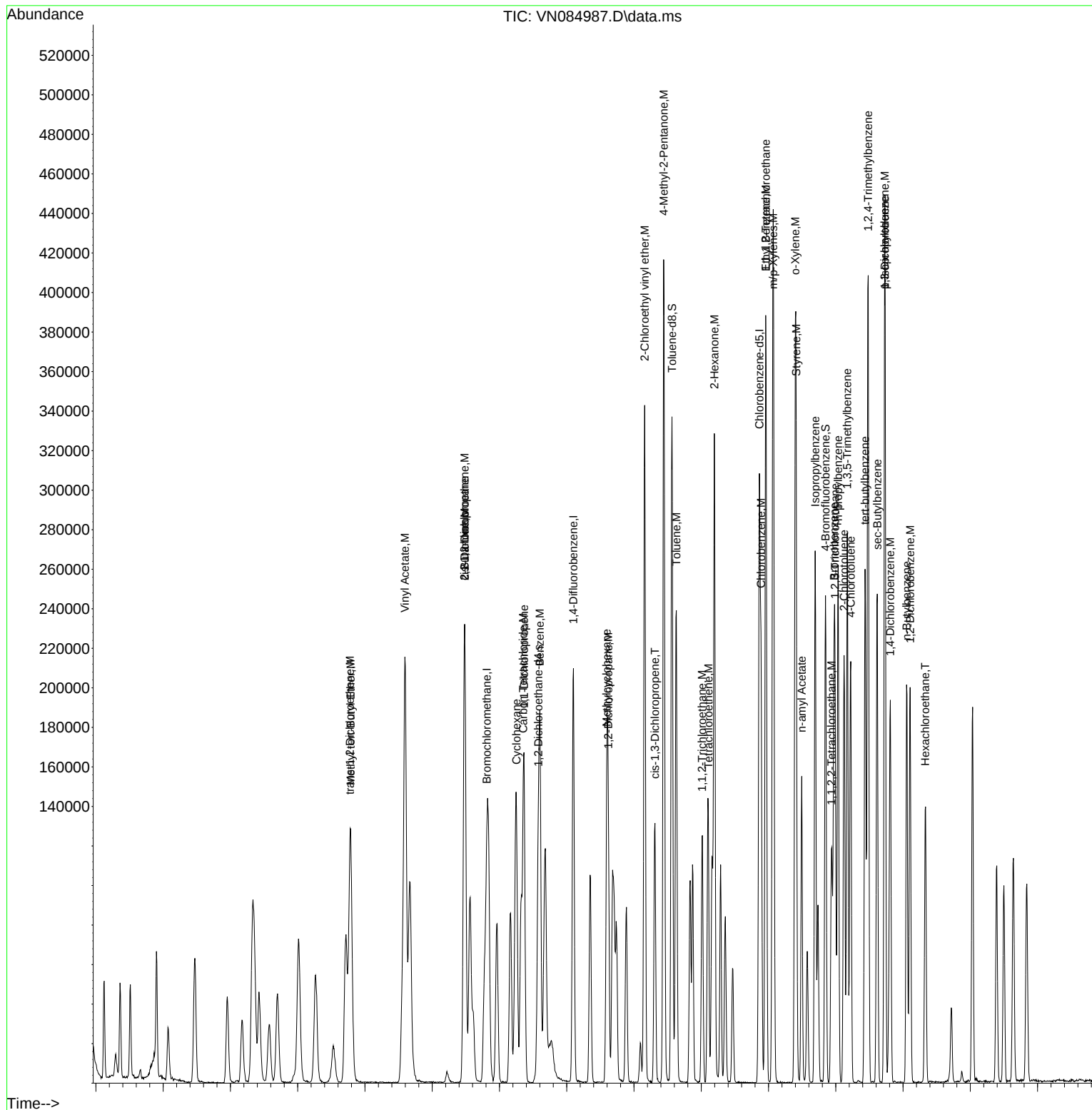
Manual Integrations

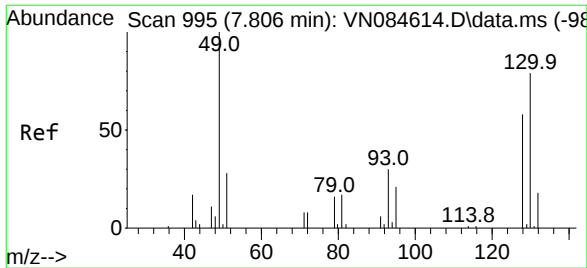
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Supervised By :Mahesh Dadoda 11/22/2024

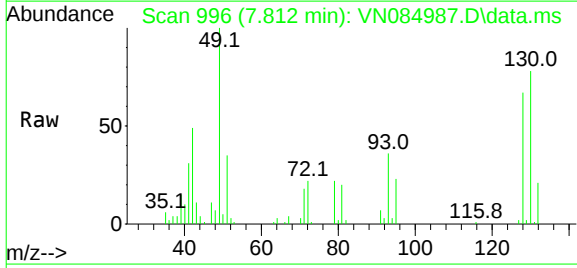
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QLast Update : Fri Nov 01 02:38:04 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

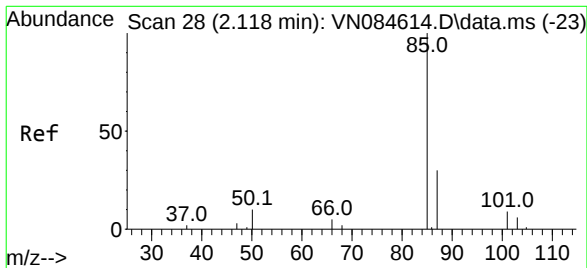
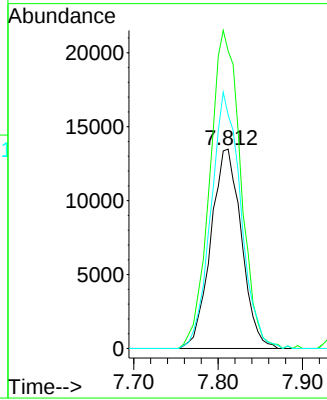
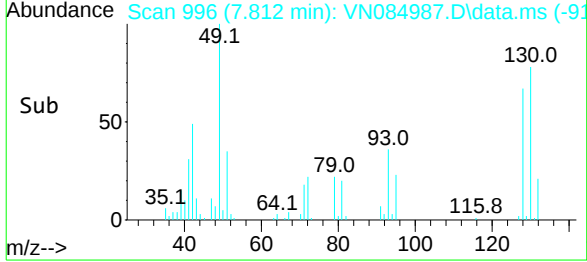
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 128 Resp: 33996
Ion Ratio Lower Upper
128 100
49 161.3 0.0 427.0
130 125.3 0.0 322.2

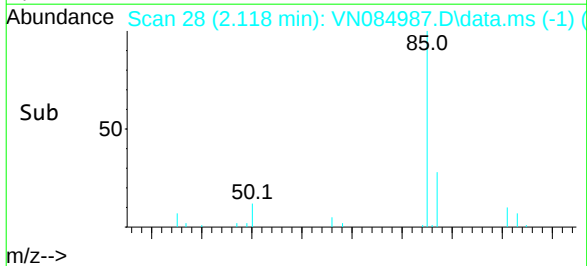
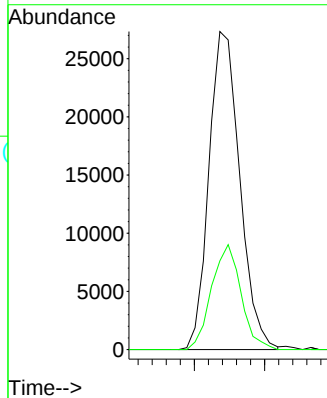
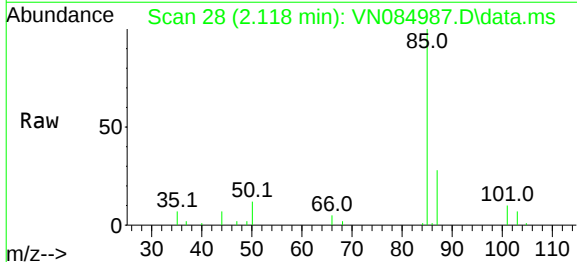
Manual Integrations
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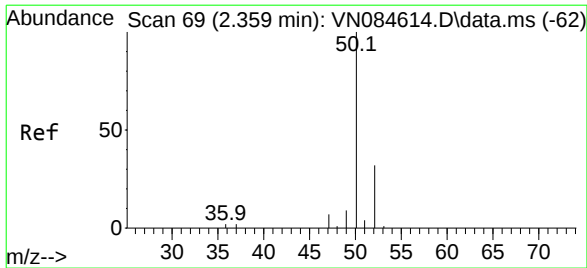
Reviewed By : John Carlone 11/21/2024
Supervised By : Mahesh Dadoda 11/22/2024



#2
Dichlorodifluoromethane
Concen: 21.065 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion: 85 Resp: 41652
Ion Ratio Lower Upper
85 100
87 27.9 14.9 44.9





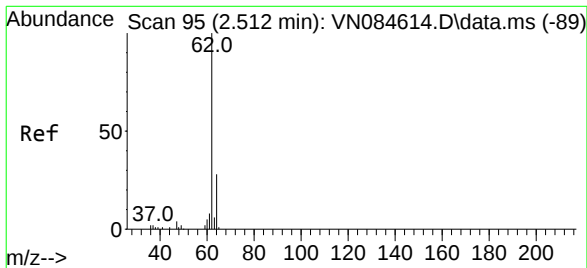
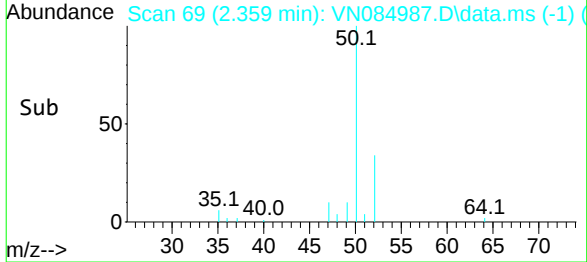
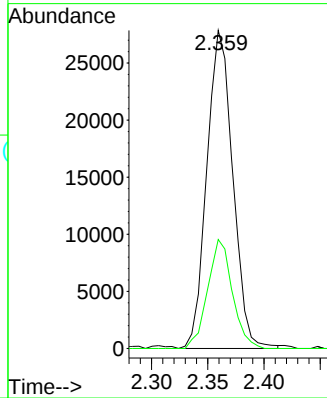
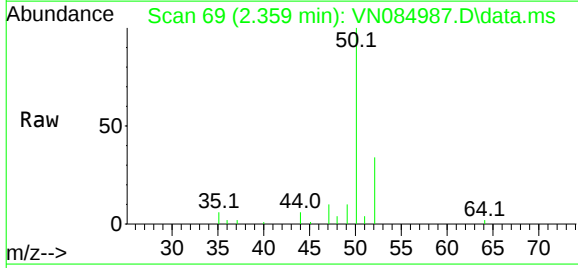
#3
Chloromethane
Concen: 18.823 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 44811
Ion Ratio Lower Upper
50 100
52 34.3 25.5 38.3

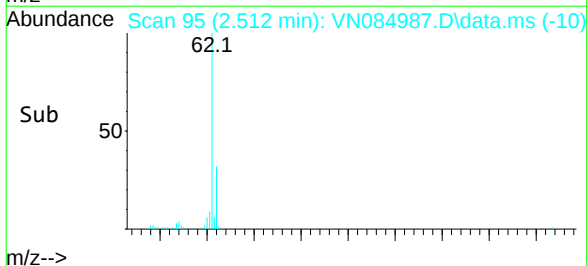
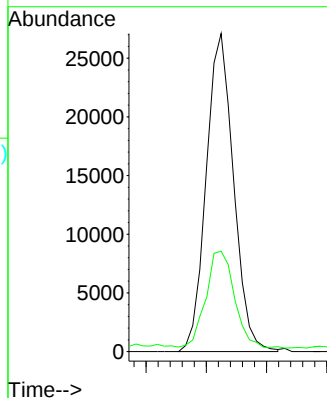
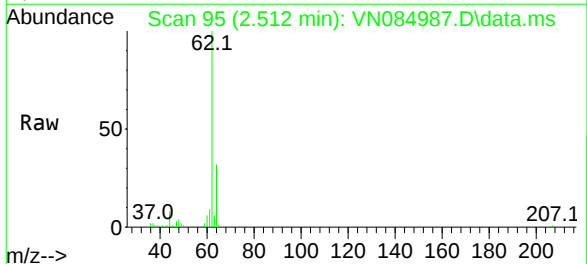
Manual Integrations
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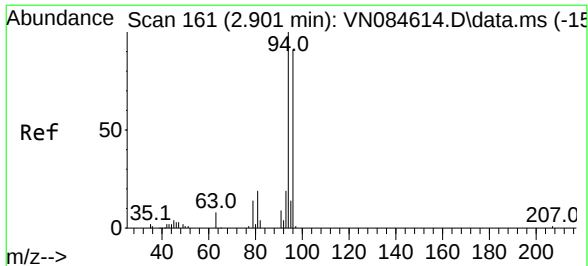
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#4
Vinyl Chloride
Concen: 19.332 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion: 62 Resp: 42735
Ion Ratio Lower Upper
62 100
64 30.2 23.1 34.7





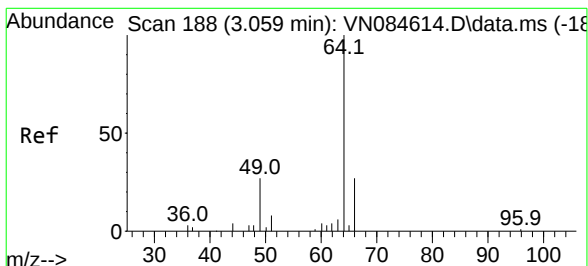
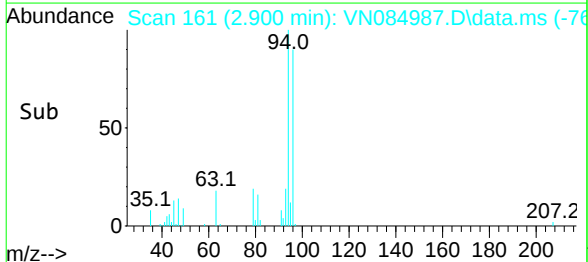
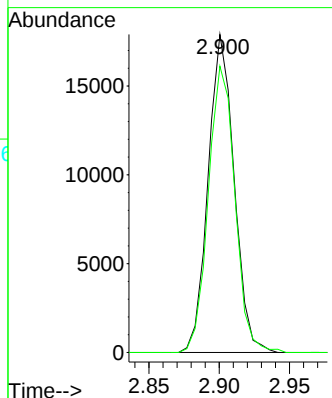
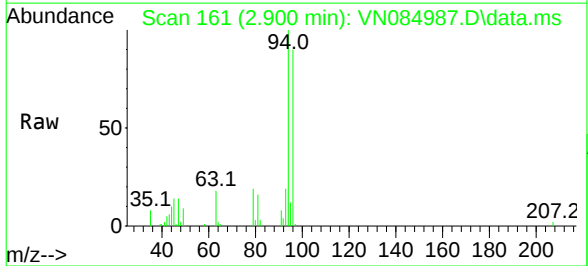
#5
Bromomethane
Concen: 20.510 ug/l
RT: 2.900 min Scan# 161
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
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Tgt Ion: 94 Resp: 23012
Ion Ratio Lower Upper
94 100
96 90.0 72.7 109.1

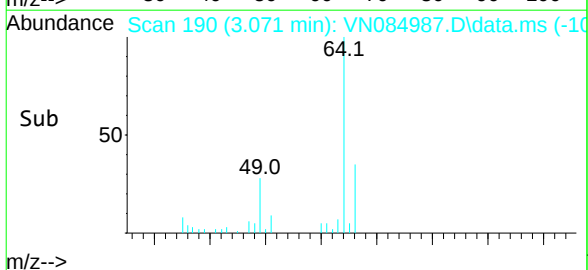
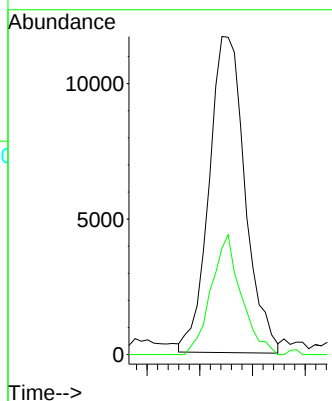
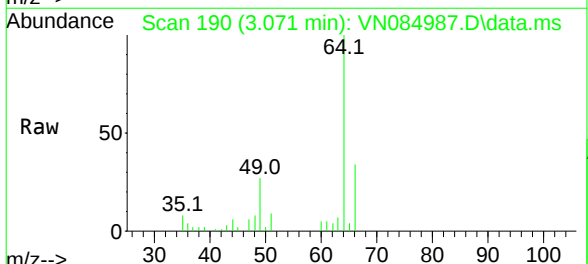
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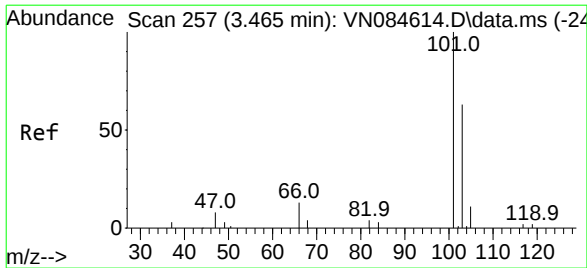
Reviewed By :John Carlone 11/21/2024
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#6
Chloroethane
Concen: 19.058 ug/l
RT: 3.071 min Scan# 190
Delta R.T. 0.012 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

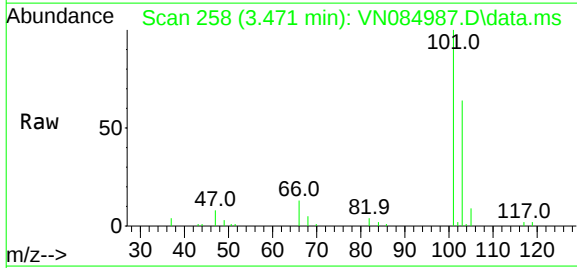
Tgt Ion: 64 Resp: 27661
Ion Ratio Lower Upper
64 100
66 34.7 22.1 33.1#





#7
Trichlorofluoromethane
Concen: 20.134 ug/l
RT: 3.471 min Scan# 257
Delta R.T. 0.006 min
Lab File: VN084987.D
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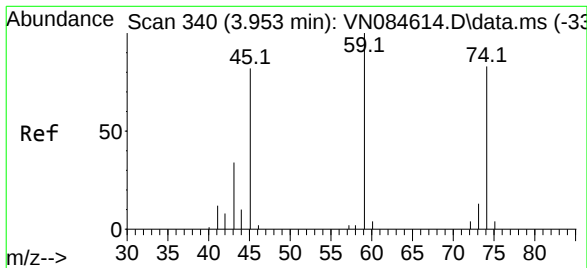
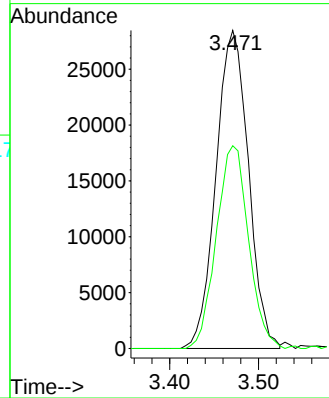
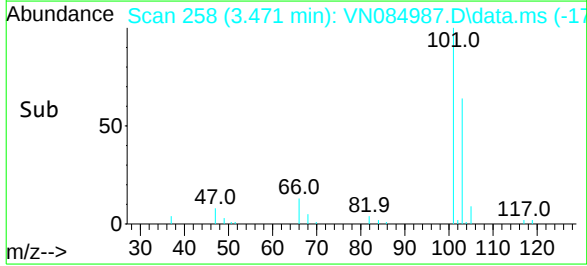
Instrument :
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Tgt Ion:101 Resp: 72284
Ion Ratio Lower Upper
101 100
103 63.8 50.1 75.1

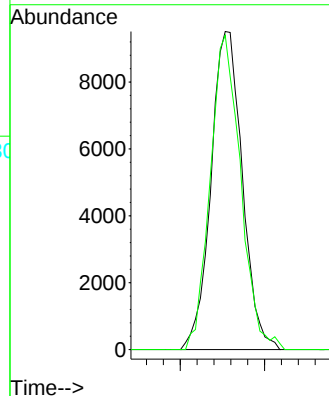
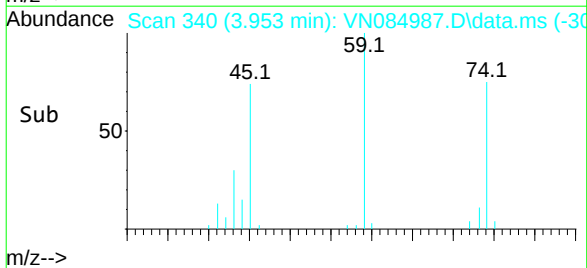
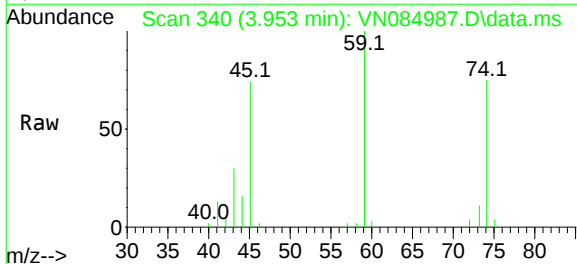
Manual Integrations
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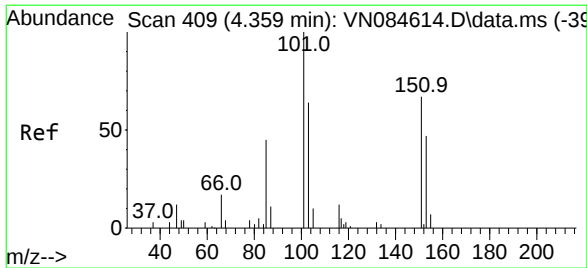
Reviewed By :John Carlone 11/21/2024
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#8
Diethyl Ether
Concen: 19.162 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.000 min
Lab File: VN084987.D
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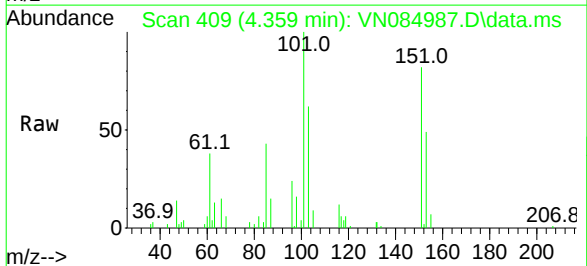
Tgt Ion: 74 Resp: 24539
Ion Ratio Lower Upper
74 100
45 95.9 19.8 178.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.635 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN084987.D
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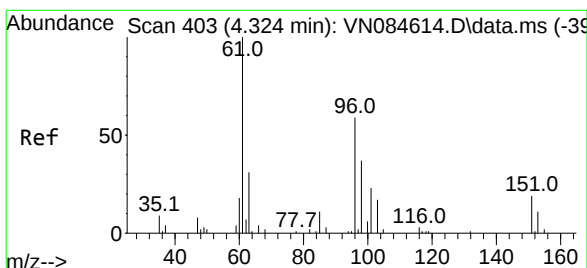
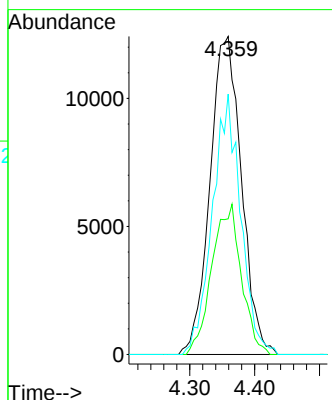
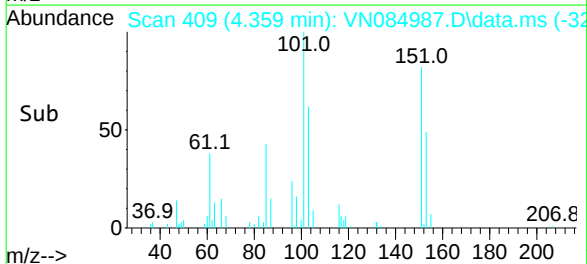
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Tgt Ion: 101 Resp: 41865
Ion Ratio Lower Upper
101 100
85 21.9 0.0 89.6
151 73.7 0.0 149.4

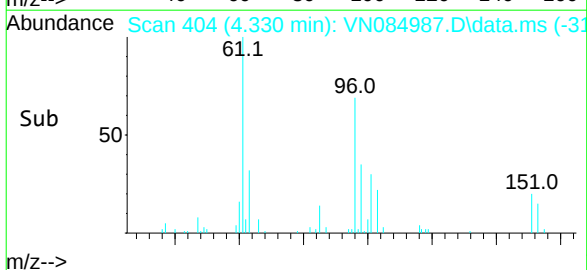
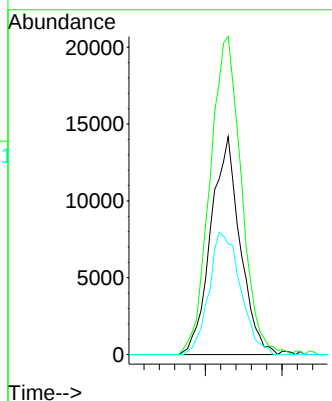
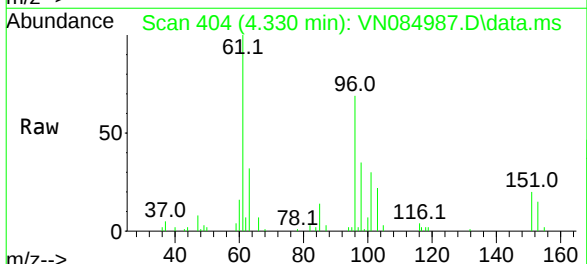
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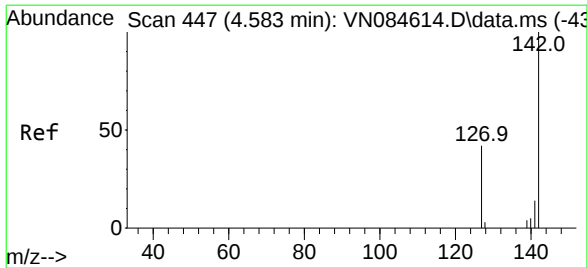
Reviewed By : John Carlone 11/21/2024
Supervised By : Mahesh Dadoda 11/22/2024



#10
1,1-Dichloroethene
Concen: 19.024 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

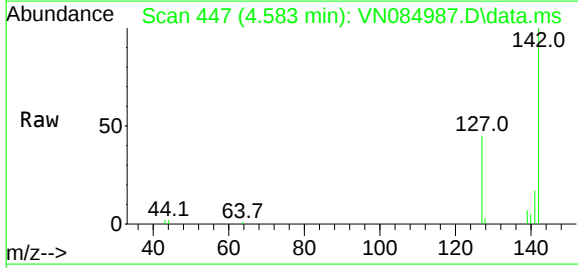
Tgt Ion: 96 Resp: 37691
Ion Ratio Lower Upper
96 100
61 146.0 135.1 202.7
98 50.7 50.4 75.6





#11
Methyl Iodide
Concen: 19.533 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

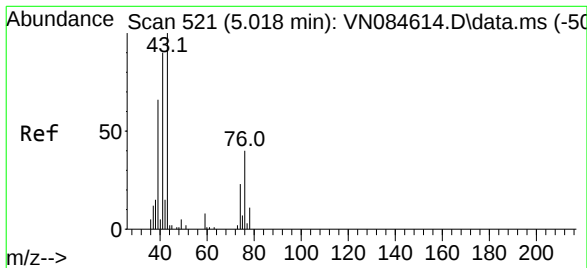
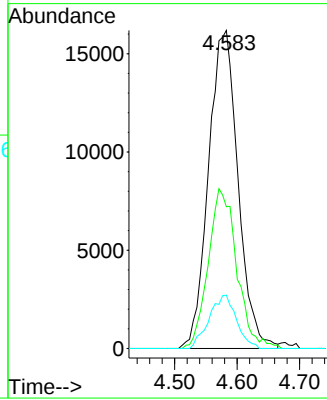
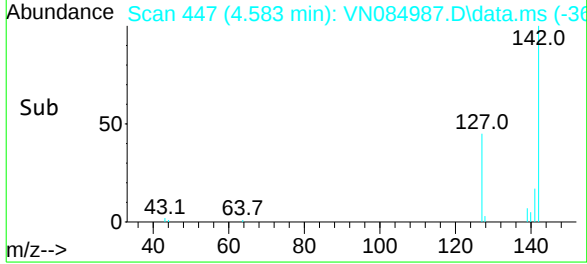
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 142 Resp: 53189
Ion Ratio Lower Upper
142 100
127 44.3 20.3 60.9
141 16.9 6.9 20.7

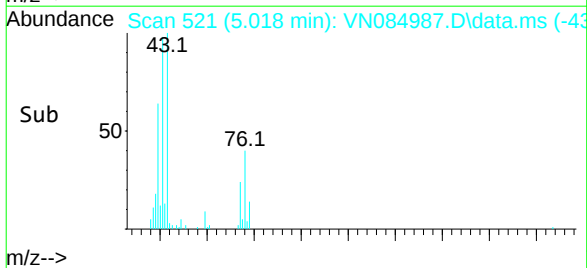
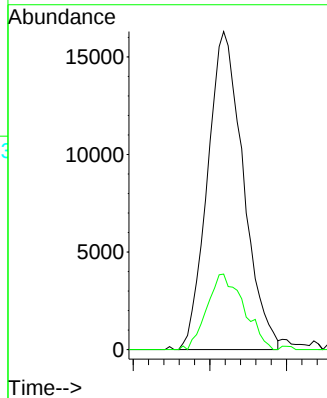
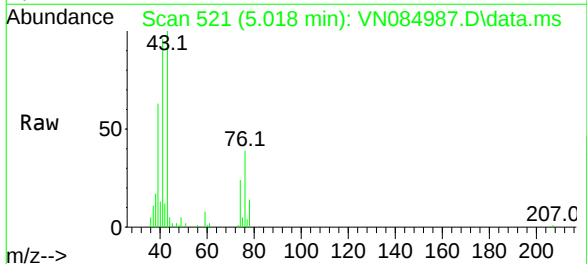
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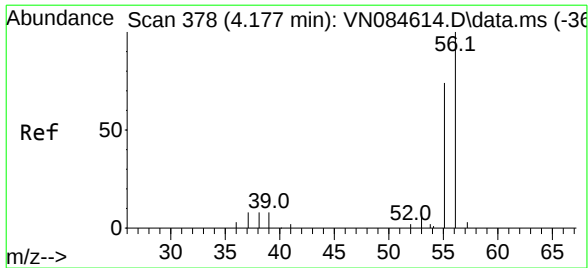
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#12
Methyl Acetate
Concen: 17.106 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion: 43 Resp: 52828
Ion Ratio Lower Upper
43 100
74 24.1 19.0 28.4





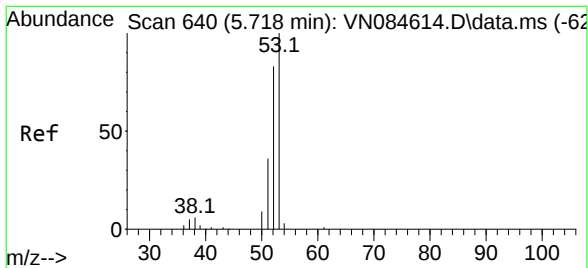
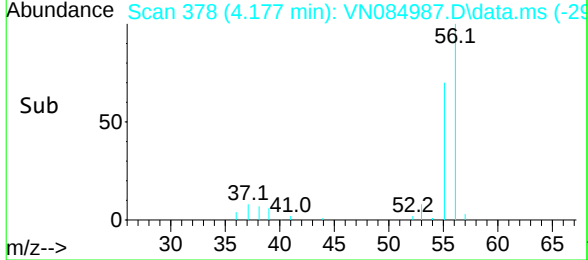
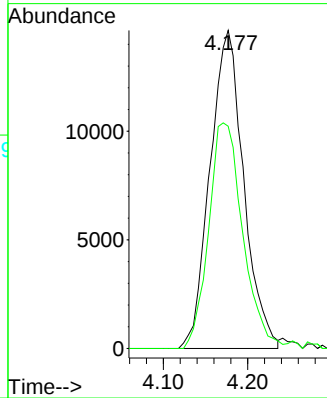
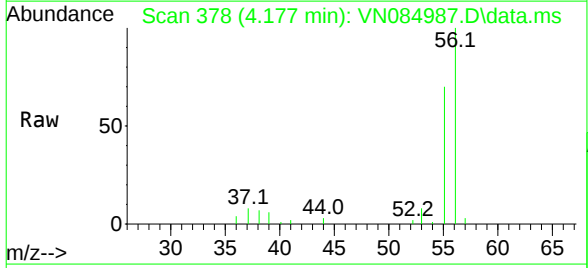
#13
Acrolein
Concen: 106.654 ug/l
RT: 4.177 min Scan# 37
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 56 Resp: 40617
Ion Ratio Lower Upper
56 100
55 71.6 56.7 85.1

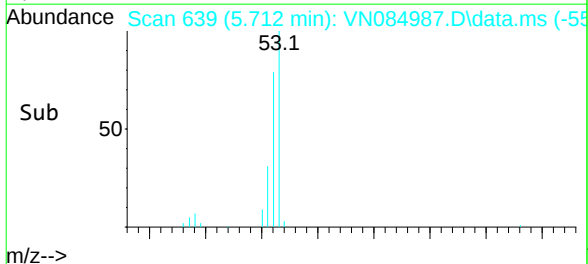
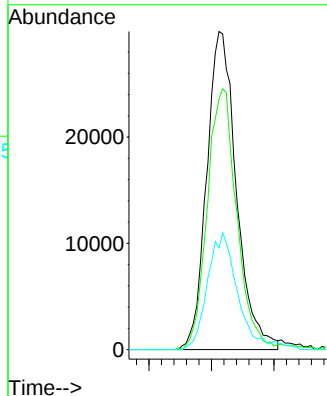
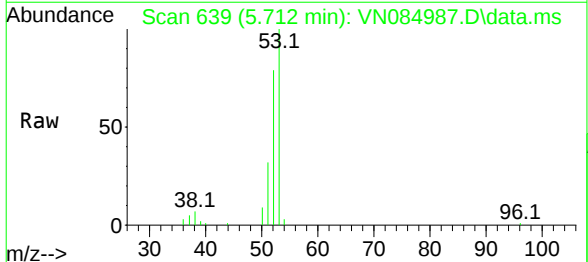
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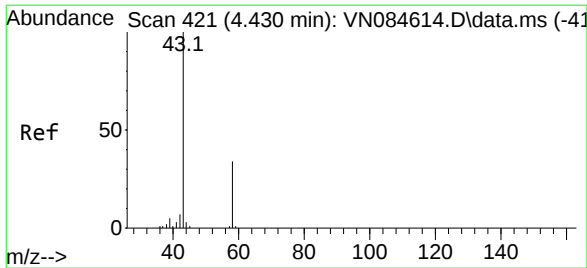
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#14
Acrylonitrile
Concen: 97.839 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion: 53 Resp: 98846
Ion Ratio Lower Upper
53 100
52 80.5 41.6 124.9
51 35.8 18.2 54.6





#15

Acetone

Concen: 98.698 ug/l

RT: 4.424 min Scan# 42

Delta R.T. -0.006 min

Lab File: VN084987.D

Acq: 21 Nov 2024 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 25621

Ion Ratio Lower Upper

58 100

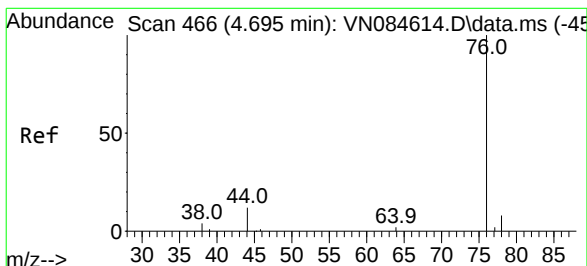
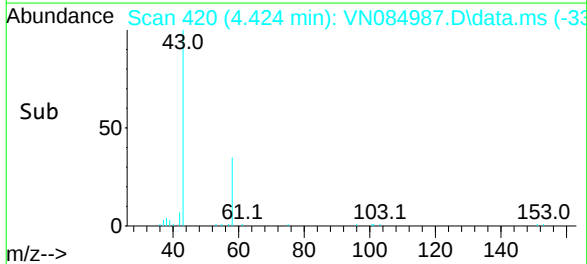
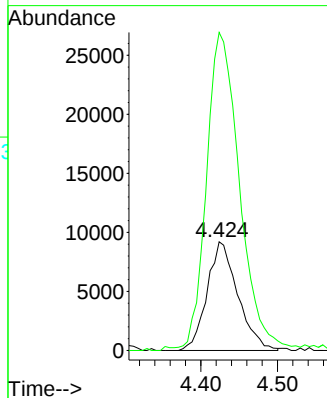
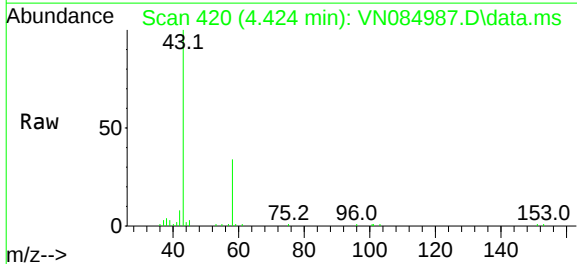
43 289.7 233.0 349.6

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Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#16

Carbon Disulfide

Concen: 17.876 ug/l

RT: 4.700 min Scan# 467

Delta R.T. 0.006 min

Lab File: VN084987.D

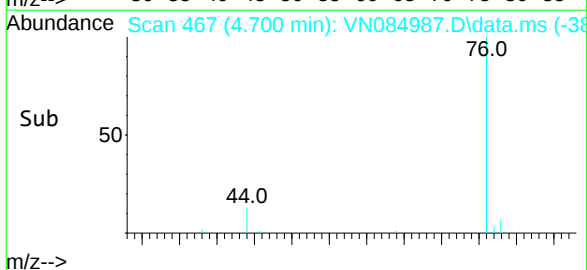
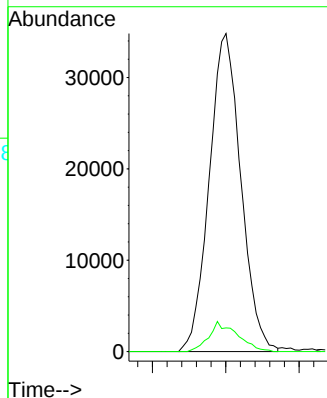
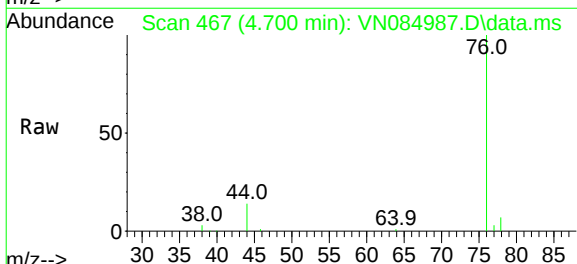
Acq: 21 Nov 2024 10:09

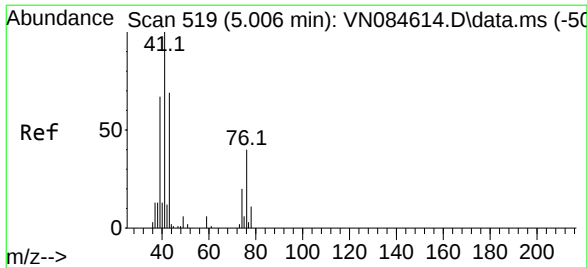
Tgt Ion: 76 Resp: 104210

Ion Ratio Lower Upper

76 100

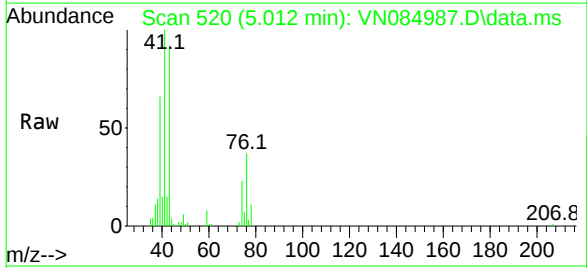
78 7.4 6.6 9.8





#17
Allyl chloride
Concen: 16.033 ug/l
RT: 5.012 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

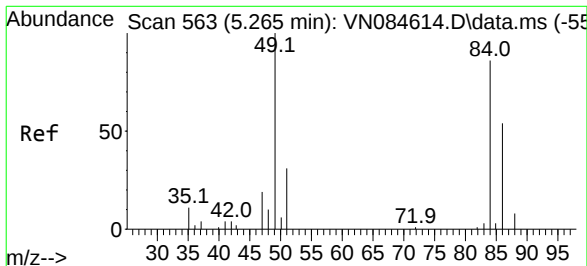
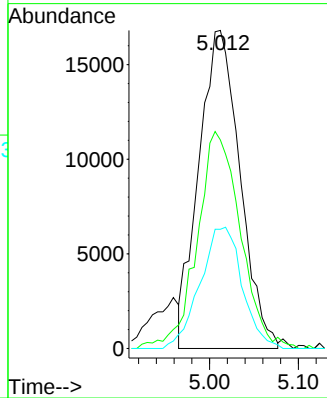
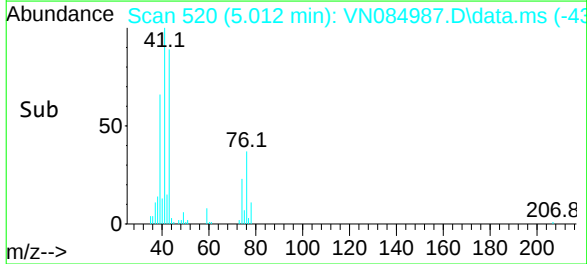
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



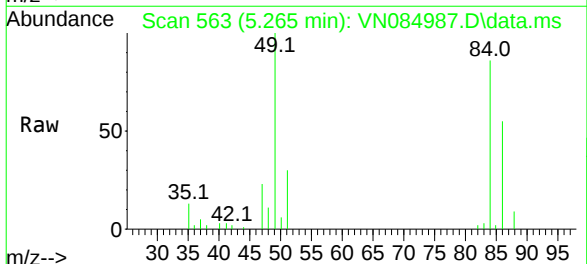
Tgt Ion: 41 Resp: 54126
Ion Ratio Lower Upper
41 100
39 63.1 33.4 100.2
76 37.0 20.2 60.6

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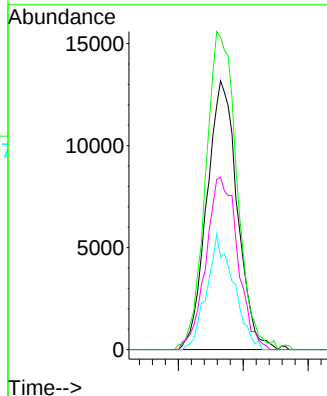
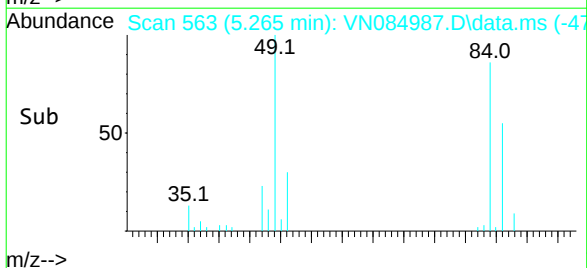
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

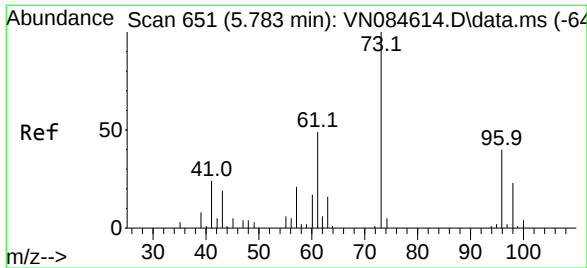


#18
Methylene Chloride
Concen: 18.513 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09



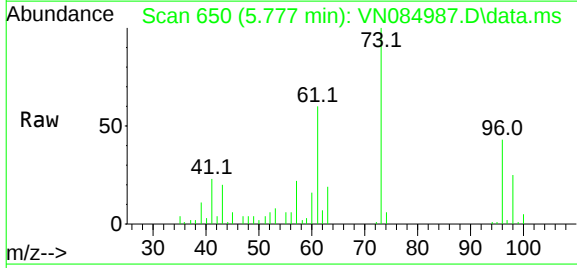
Tgt Ion: 84 Resp: 42981
Ion Ratio Lower Upper
84 100
49 116.3 93.0 139.6
51 34.4 28.9 43.3
86 64.1 50.6 76.0





#19
trans-1,2-Dichloroethene
Concen: 18.454 ug/l
RT: 5.777 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

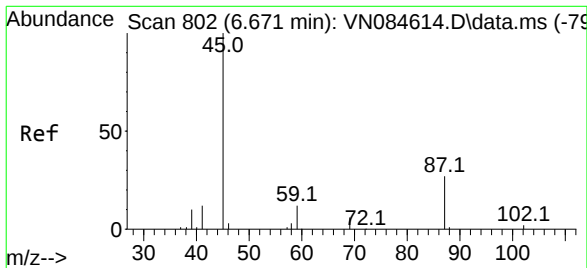
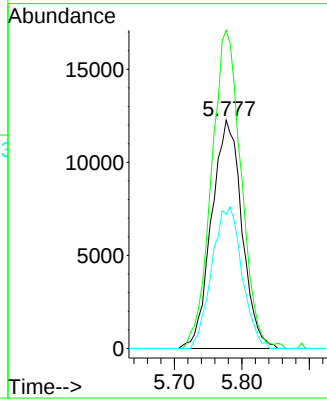
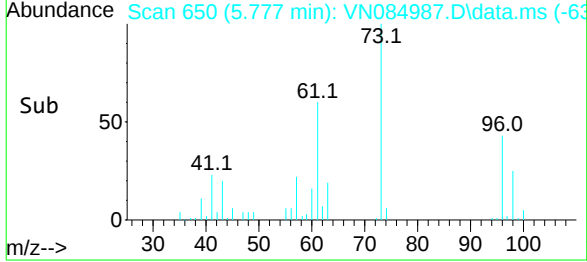
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 38322
Ion Ratio Lower Upper
96 100
61 139.3 98.1 147.1
98 58.7 46.6 69.8

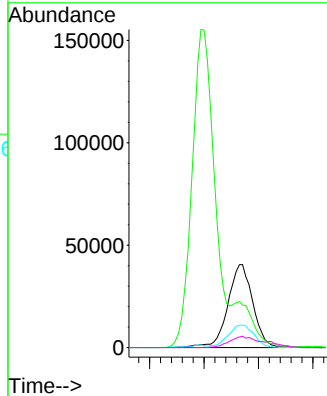
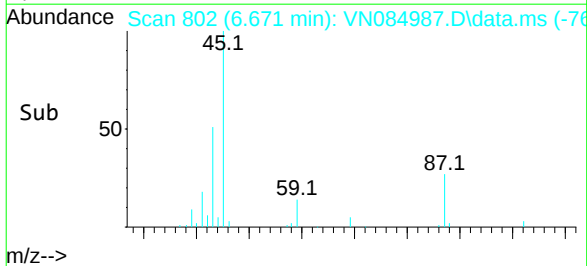
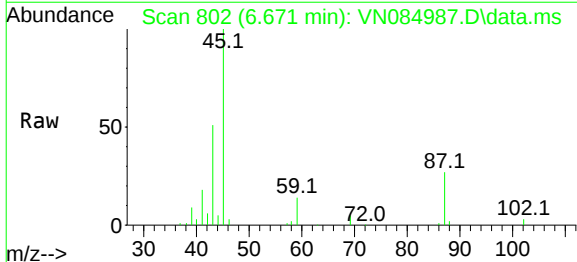
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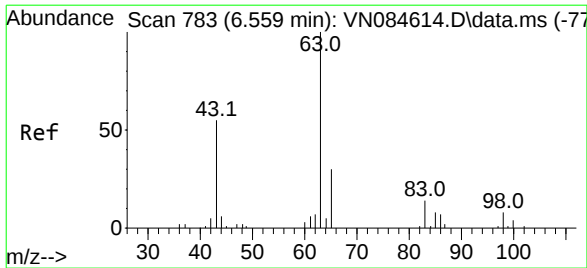
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#20
Diisopropyl ether
Concen: 19.044 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion: 45 Resp: 128701
Ion Ratio Lower Upper
45 100
43 48.5 42.6 64.0
87 26.7 23.0 34.4
59 13.0 9.4 14.0





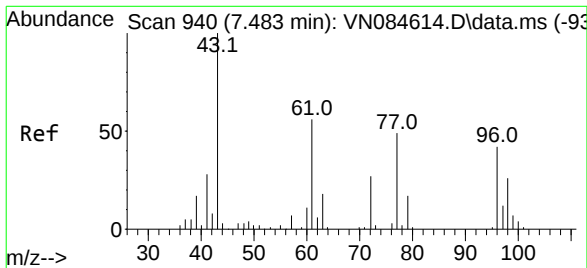
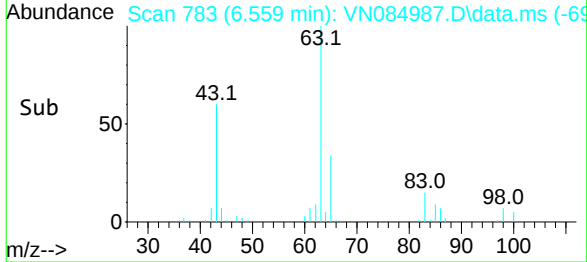
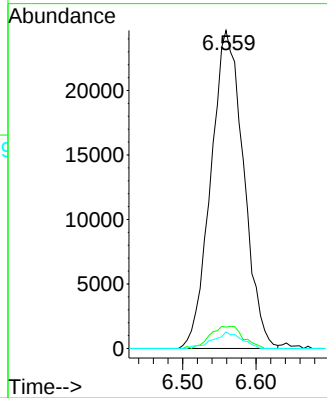
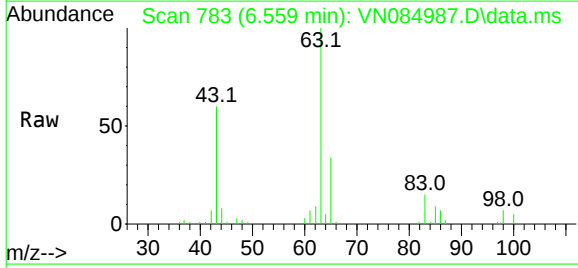
#21
1,1-Dichloroethane
Concen: 18.768 ug/l
RT: 6.559 min Scan# 783
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 76278
Ion Ratio Lower Upper
63 100
98 6.7 3.8 11.4
100 5.2 1.9 5.7

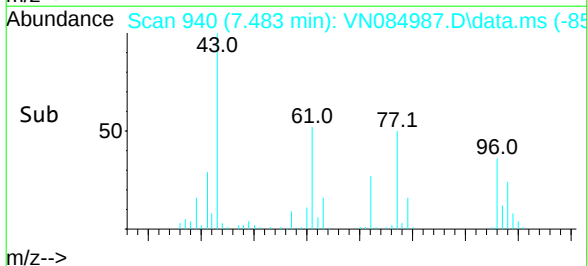
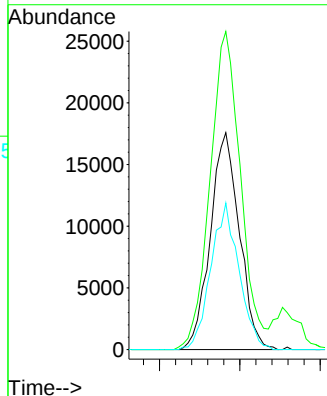
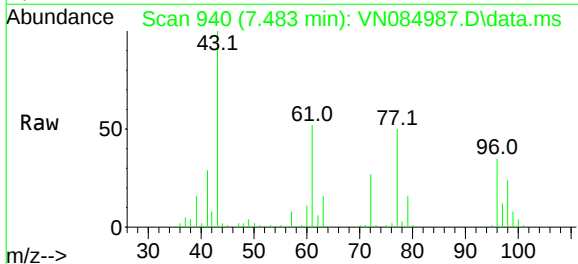
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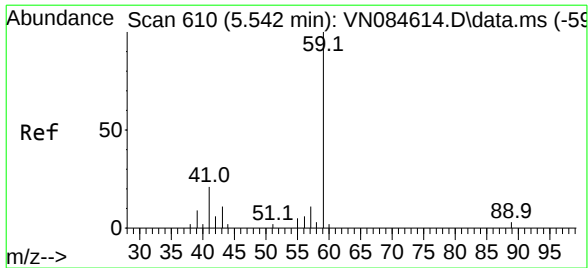
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#22
cis-1,2-Dichloroethene
Concen: 17.832 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion: 96 Resp: 44210
Ion Ratio Lower Upper
96 100
61 154.1 121.8 182.8
98 65.5 53.2 79.8





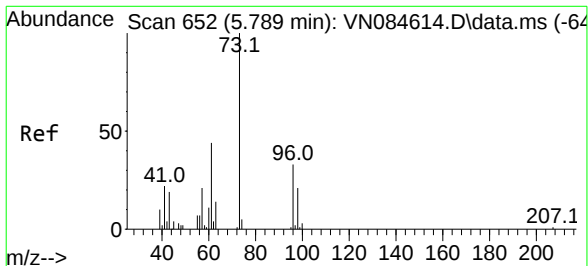
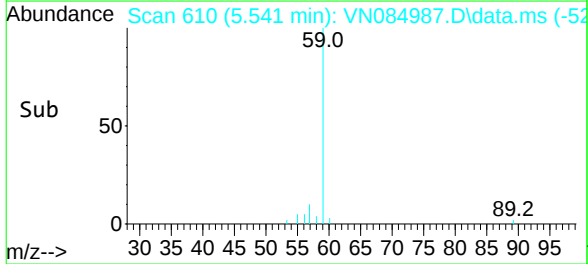
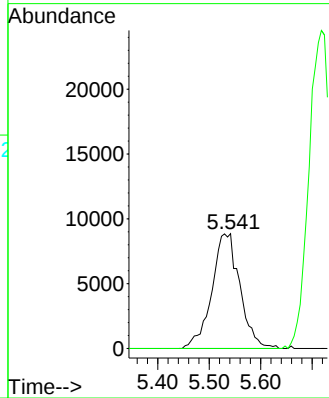
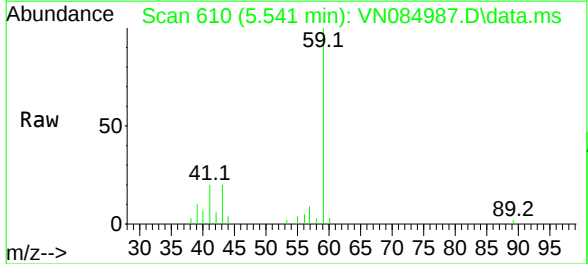
#23
tert-Butyl Alcohol
Concen: 95.380 ug/l m
RT: 5.541 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 33641
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

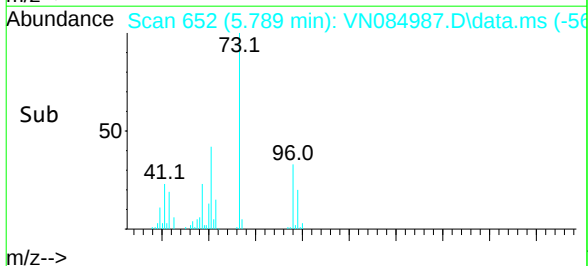
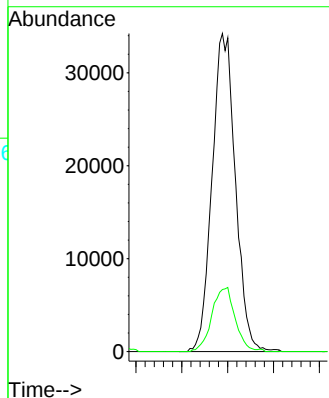
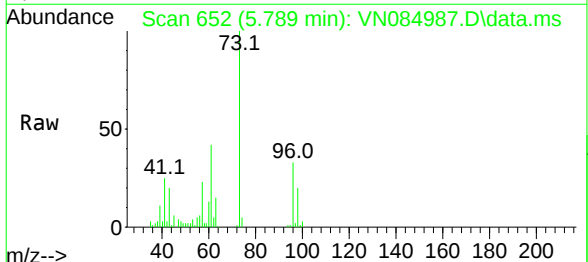
Manual Integrations
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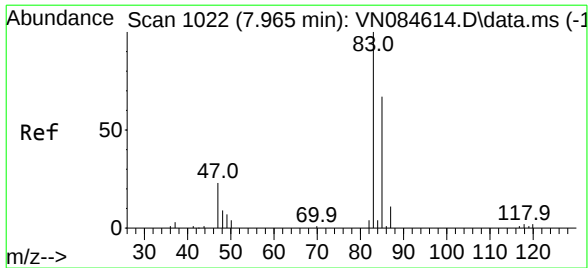
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#24
Methyl tert-Butyl Ether
Concen: 18.900 ug/l m
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion: 73 Resp: 121089
Ion Ratio Lower Upper
73 100
43 19.9 16.5 24.7





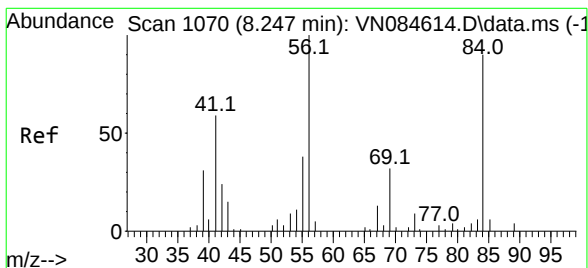
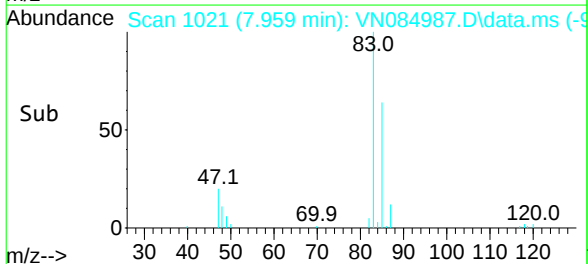
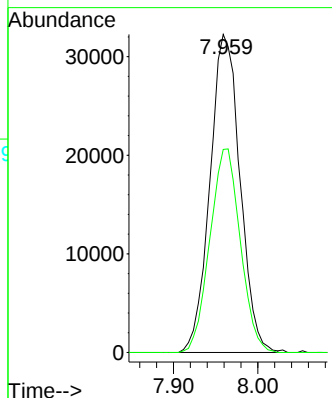
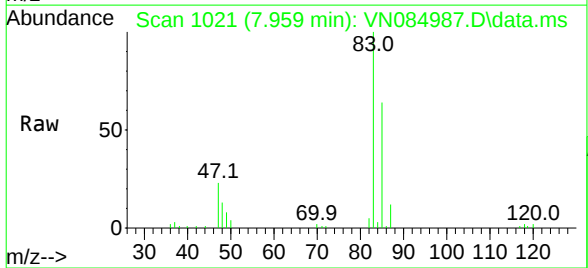
#25
 Chloroform
 Concen: 19.164 ug/l
 RT: 7.959 min Scan# 1070
 Delta R.T. -0.006 min
 Lab File: VN084987.D
 Acq: 21 Nov 2024 10:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:	83	Resp:	79800
Ion	Ratio	Lower	Upper
83	100		
85	63.8	53.4	80.2

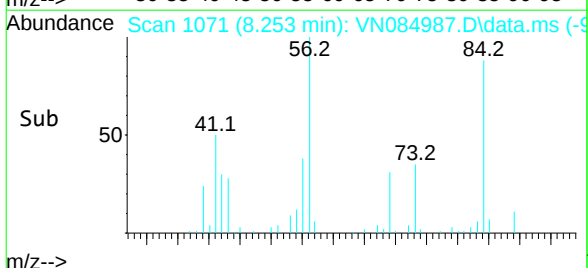
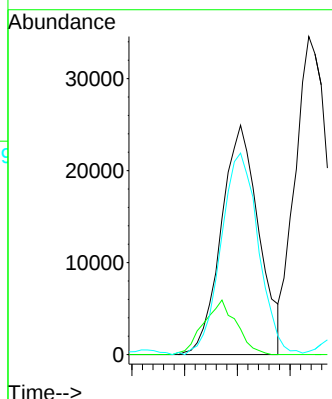
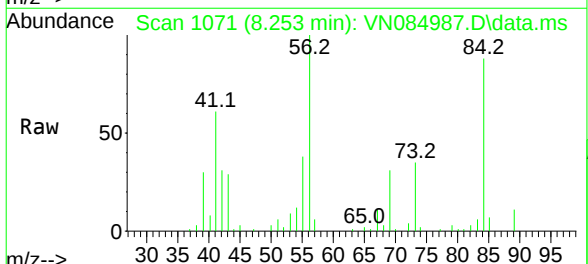
Manual Integrations
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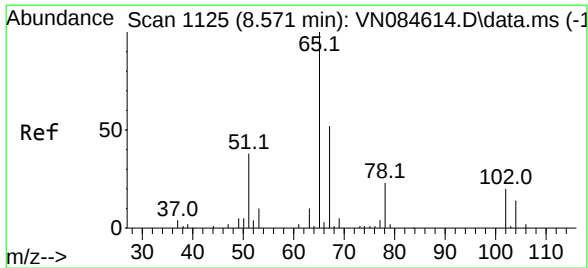
Reviewed By :John Carlone 11/21/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#26
 Cyclohexane
 Concen: 19.921 ug/l
 RT: 8.253 min Scan# 1071
 Delta R.T. 0.006 min
 Lab File: VN084987.D
 Acq: 21 Nov 2024 10:09

Tgt Ion:	56	Resp:	61846
Ion	Ratio	Lower	Upper
56	100		
89	20.8	3.0	4.4
84	87.4	70.6	106.0





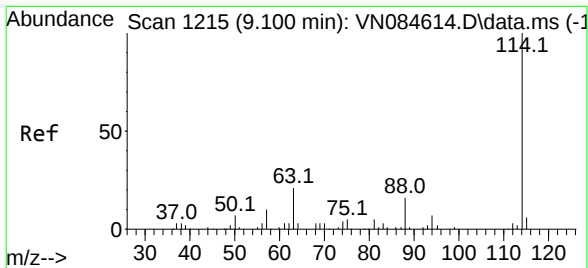
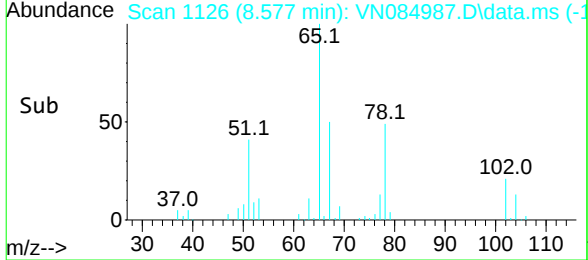
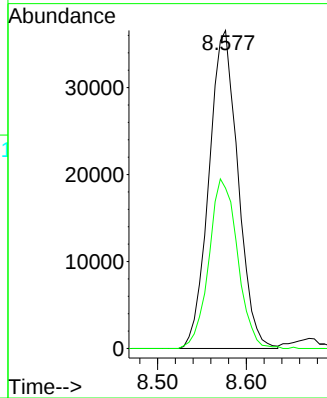
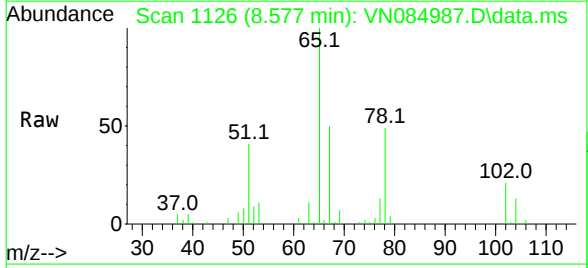
#27
1,2-Dichloroethane-d4
Concen: 30.357 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 82968
Ion Ratio Lower Upper
65 100
67 52.7 40.7 61.1

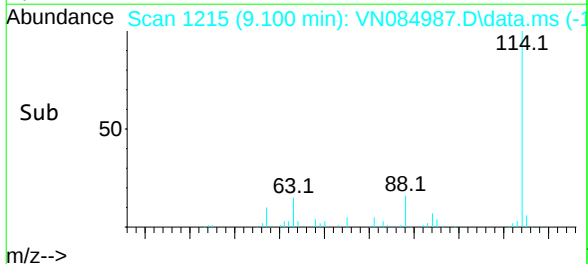
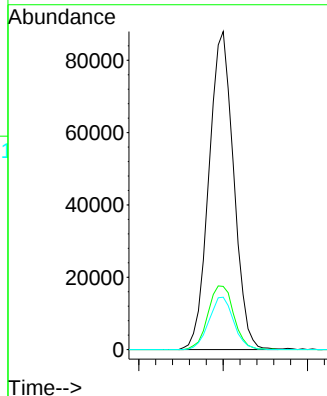
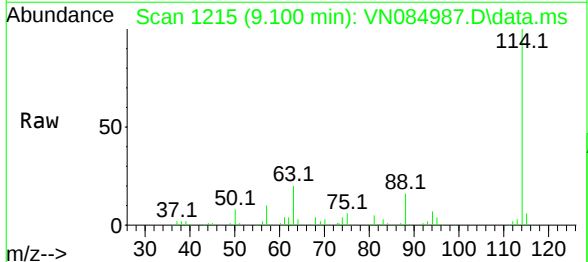
Manual Integrations
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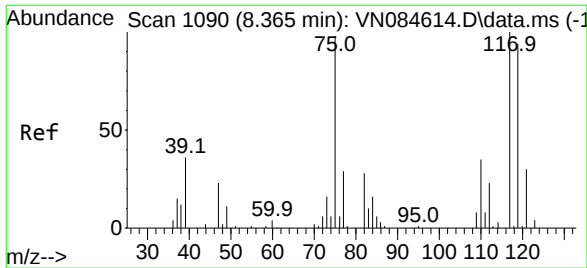
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

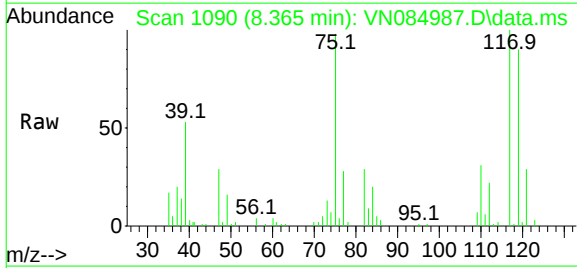
Tgt Ion:114 Resp: 179355
Ion Ratio Lower Upper
114 100
63 20.8 16.8 25.2
88 16.4 12.9 19.3





#29
1,1-Dichloropropene
Concen: 19.686 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

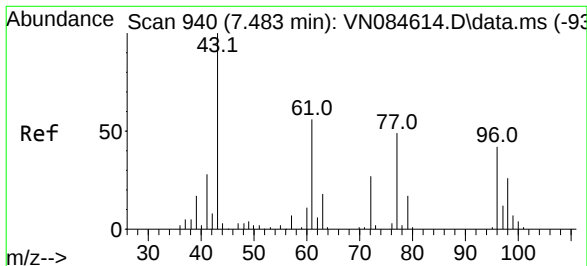
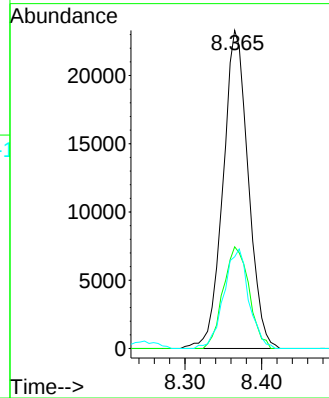
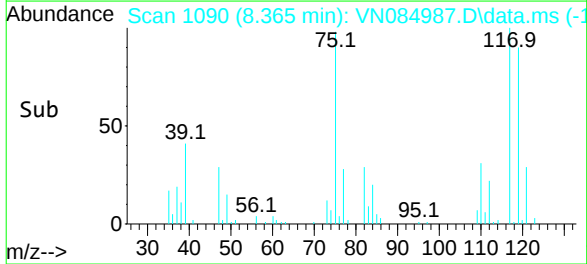
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 53180
Ion Ratio Lower Upper
75 100
110 32.8 0.0 69.4
77 30.7 0.0 62.0

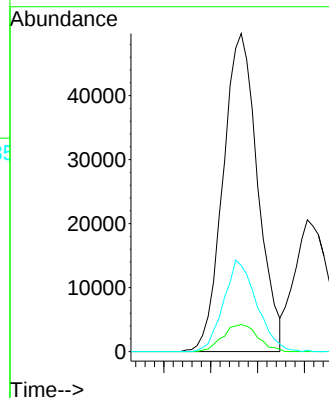
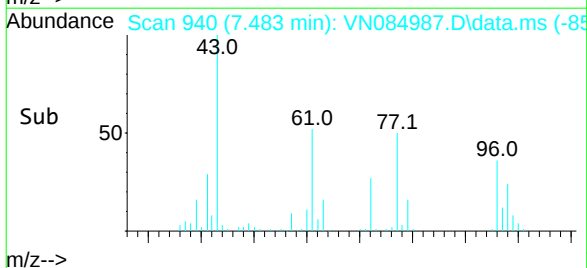
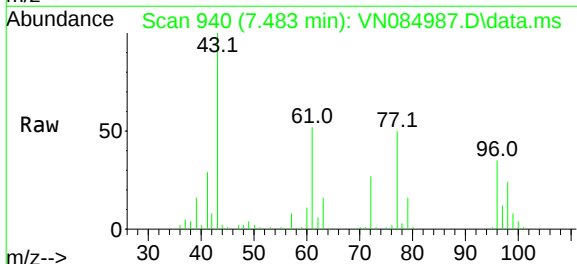
Manual Integrations
APPROVED

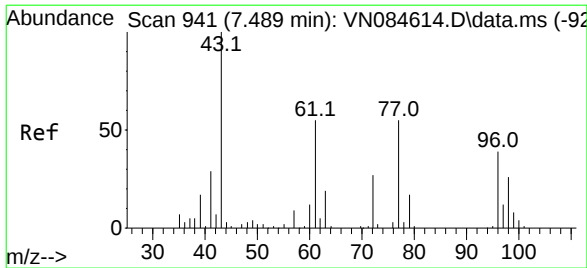
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#30
2-Butanone
Concen: 102.552 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion: 43 Resp: 127794
Ion Ratio Lower Upper
43 100
57 8.5 6.2 9.4
72 27.3 21.5 32.3





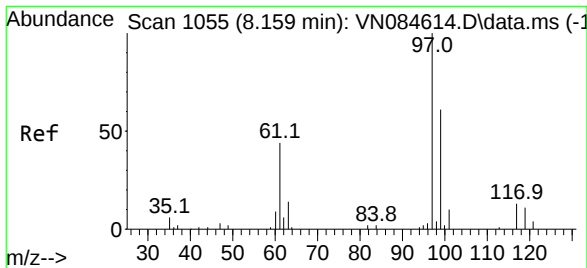
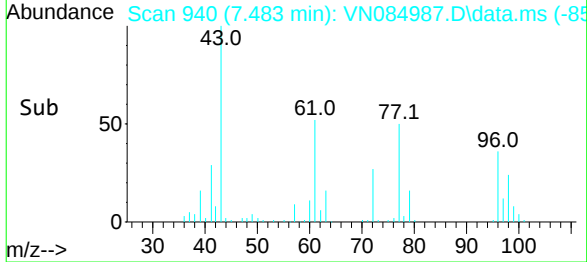
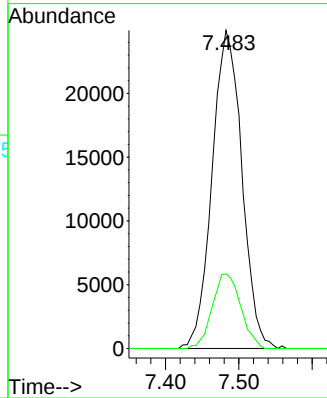
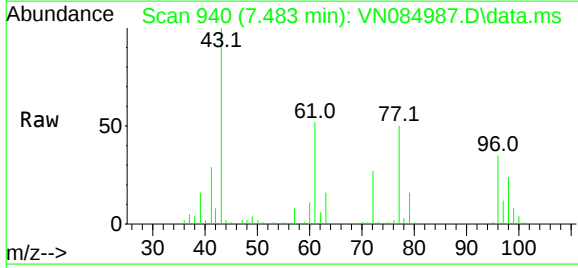
#31
2,2-Dichloropropane
Concen: 21.316 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 70292
Ion Ratio Lower Upper
77 100
97 22.4 17.4 26.2

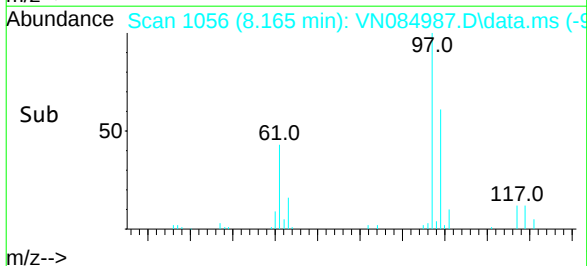
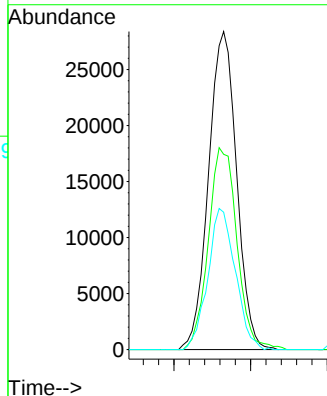
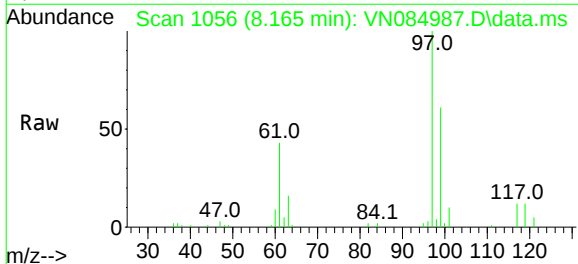
Manual Integrations
APPROVED

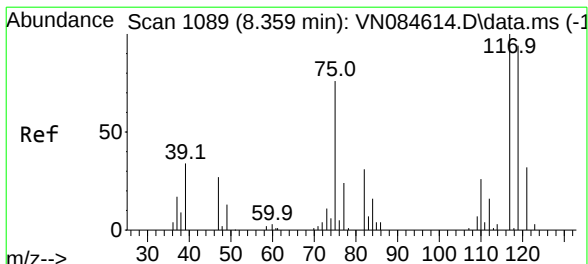
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#32
1,1,1-Trichloroethane
Concen: 19.678 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

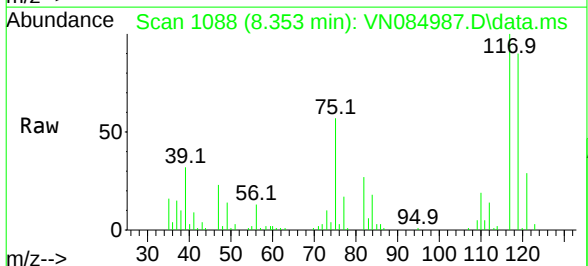
Tgt Ion: 97 Resp: 72219
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 43.4 34.2 51.4





#33
Carbon Tetrachloride
Concen: 20.382 ug/l
RT: 8.353 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

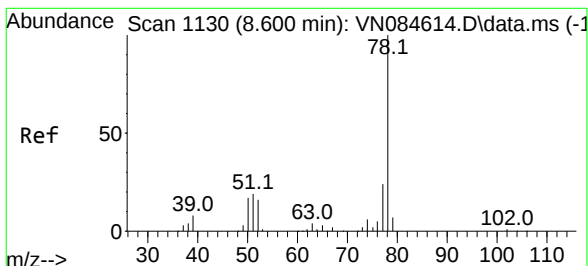
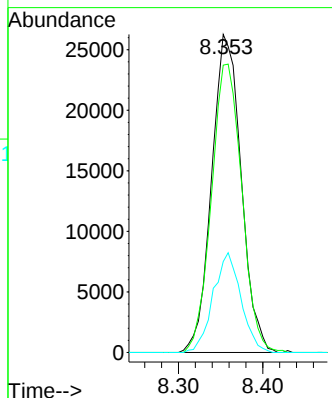
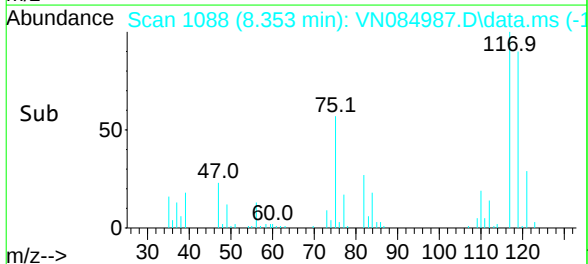


Tgt Ion: 117 Resp: 63830

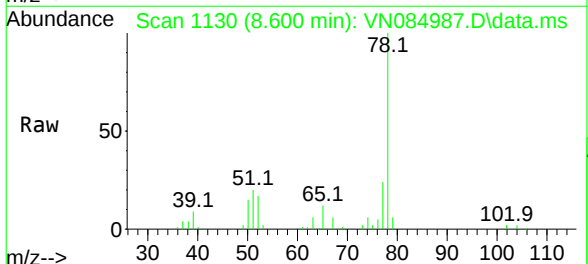
Ion	Ratio	Lower	Upper
117	100		
119	90.3	75.7	113.5
121	28.6	25.4	38.0

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

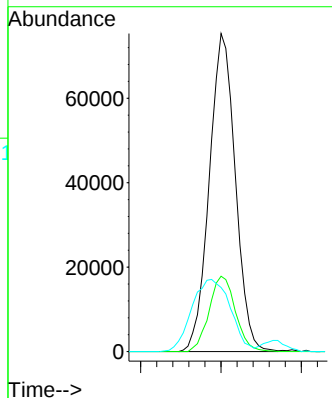
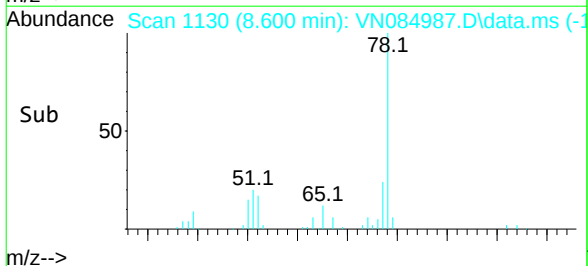


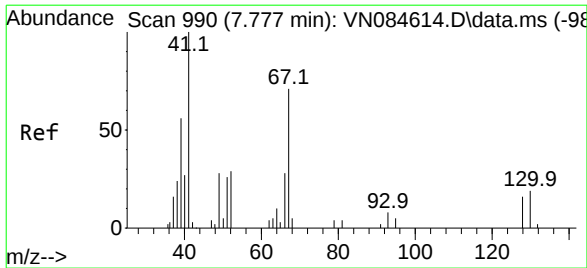
#34
Benzene
Concen: 18.985 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09



Tgt Ion: 78 Resp: 169523

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9
51	16.9	16.1	24.1





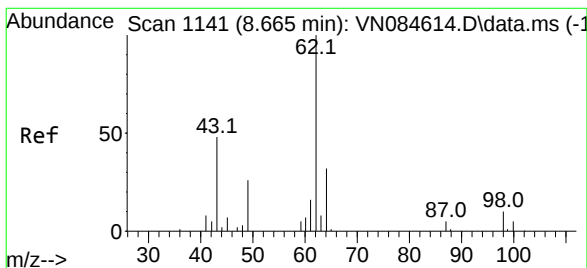
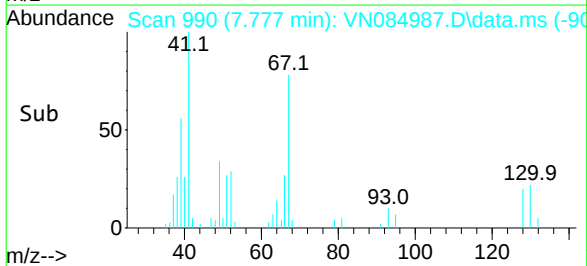
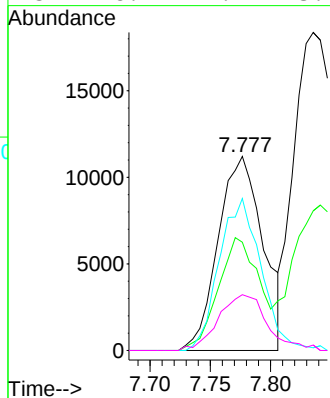
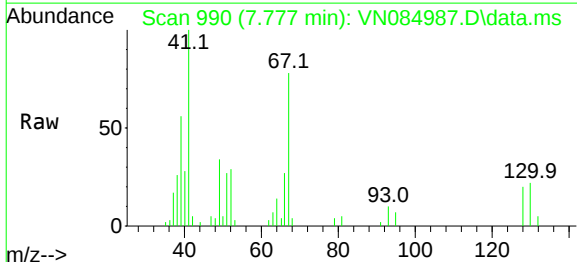
#35
Methacrylonitrile
Concen: 19.629 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:	41	Resp:	28991
Ion	Ratio	Lower	Upper
41	100		
39	55.8	28.2	84.6
67	78.3	35.6	106.8
52	28.7	14.4	43.4

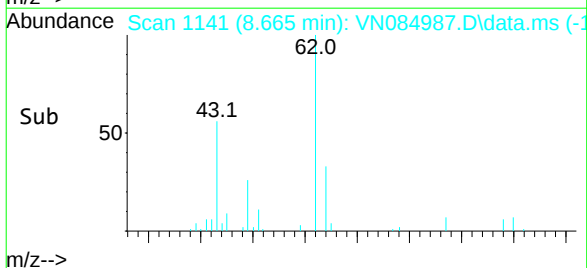
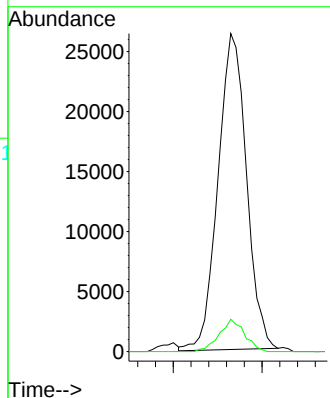
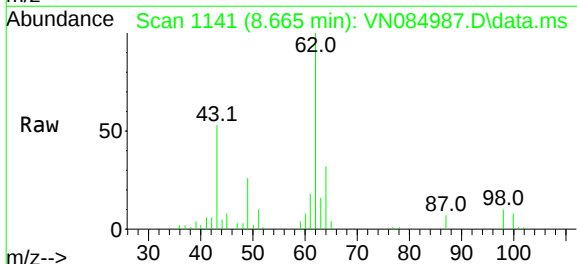
Manual Integrations
APPROVED

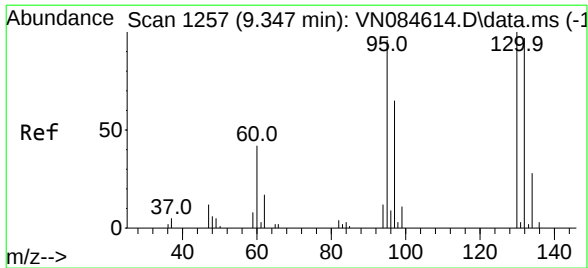
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#36
1,2-Dichloroethane
Concen: 19.732 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

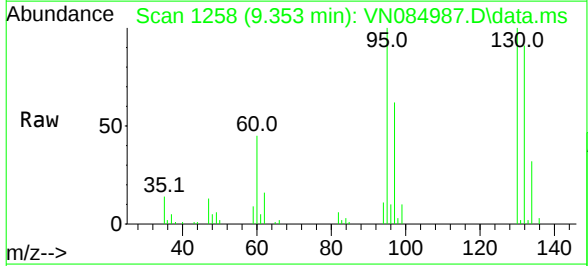
Tgt Ion:	62	Resp:	58594
Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.8	11.6





#37
Trichloroethene
Concen: 18.691 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

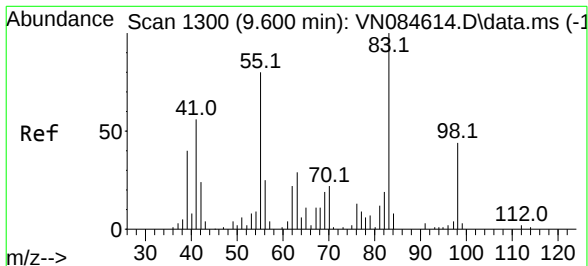
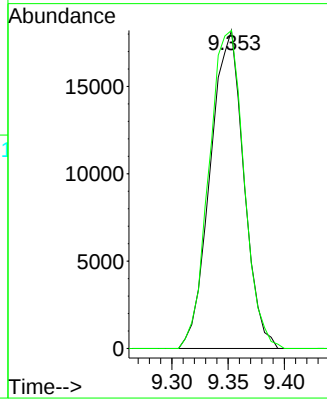
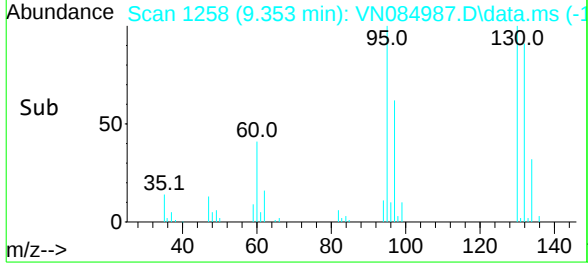
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:130 Resp: 37651
Ion Ratio Lower Upper
130 100
95 100.0 76.6 115.0

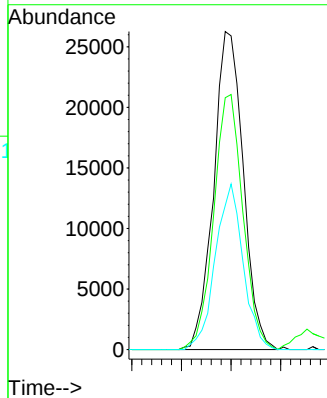
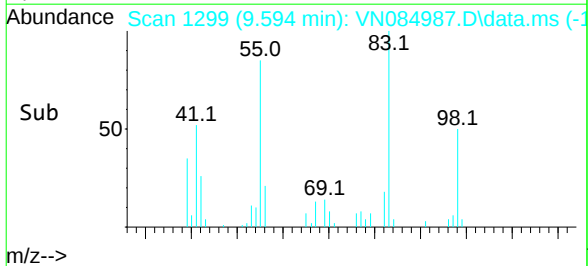
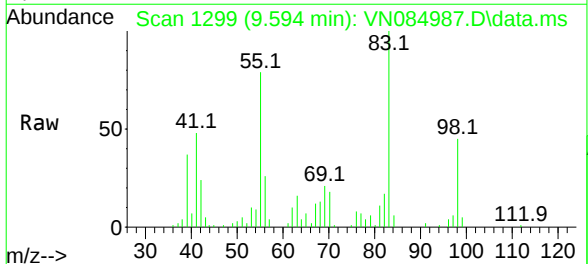
Manual Integrations
APPROVED

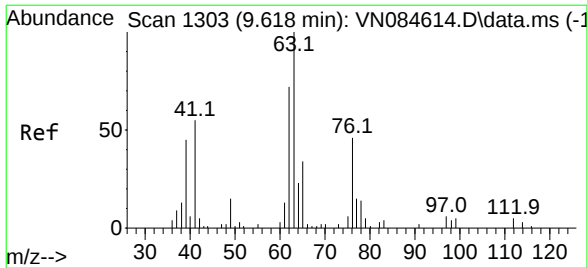
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#38
Methylcyclohexane
Concen: 18.714 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion: 83 Resp: 54424
Ion Ratio Lower Upper
83 100
55 79.1 39.6 118.8
98 48.8 23.2 69.5





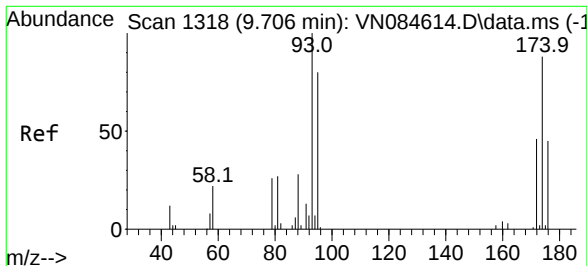
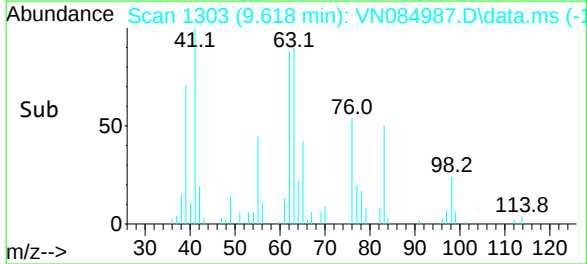
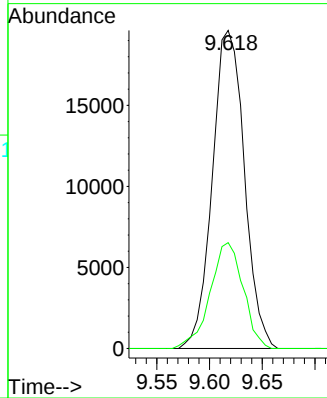
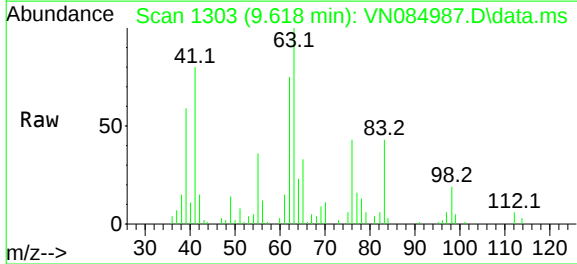
#39
1,2-Dichloropropane
Concen: 19.290 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 41464
Ion Ratio Lower Upper
63 100
65 33.3 27.8 41.8

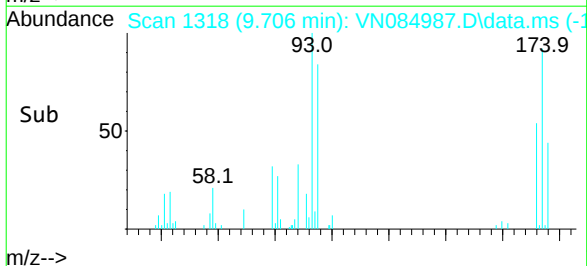
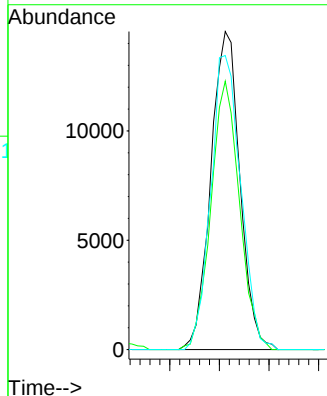
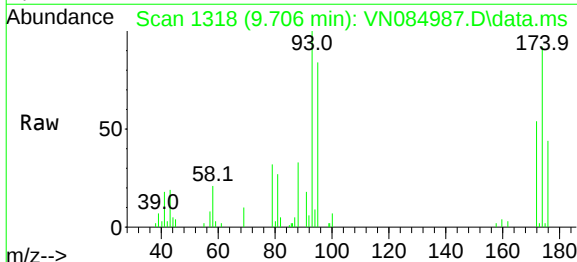
Manual Integrations
APPROVED

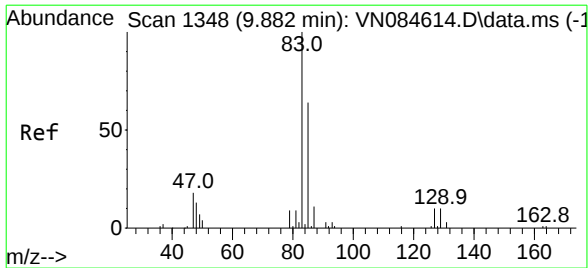
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#40
Dibromomethane
Concen: 19.716 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion: 93 Resp: 29647
Ion Ratio Lower Upper
93 100
95 83.0 0.0 168.4
174 95.5 0.0 183.4





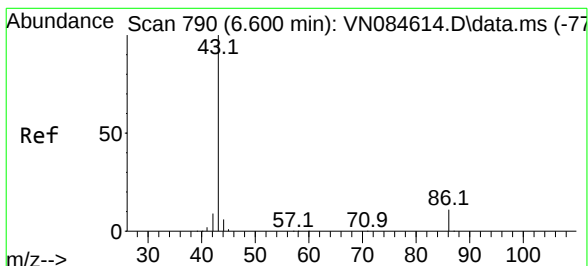
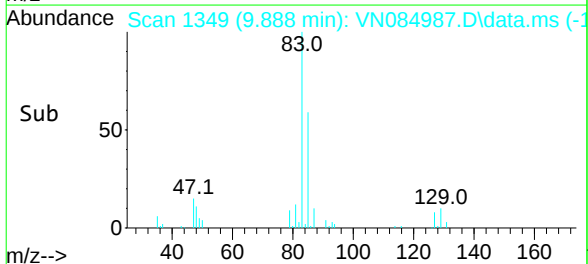
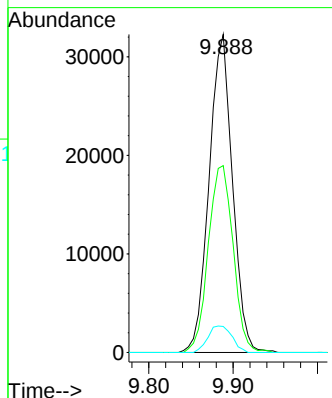
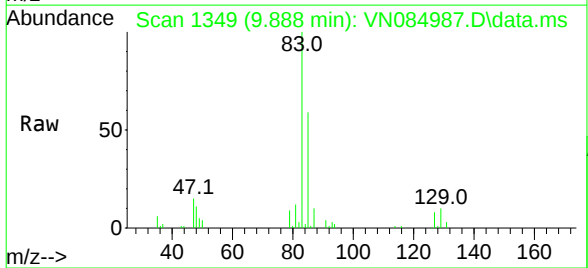
#41
Bromodichloromethane
Concen: 19.291 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 62187
Ion Ratio Lower Upper
83 100
85 58.8 51.0 76.6
127 8.2 7.8 11.6

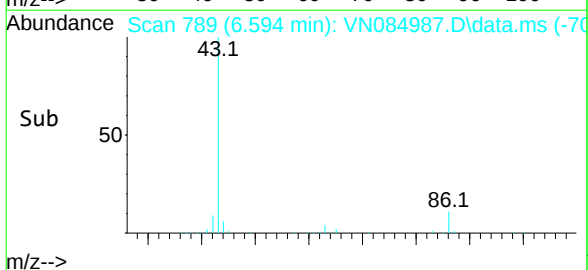
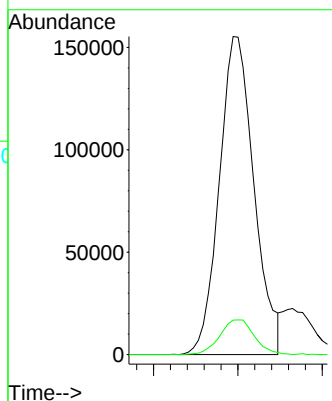
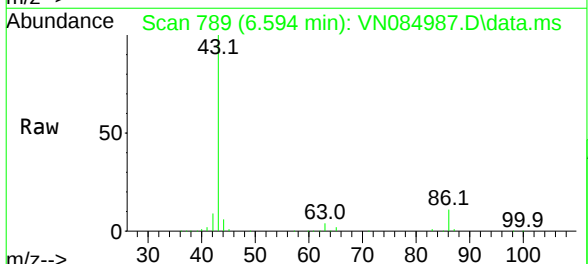
Manual Integrations
APPROVED

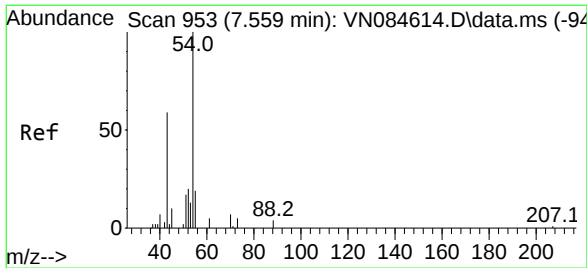
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#42
Vinyl Acetate
Concen: 95.413 ug/l
RT: 6.594 min Scan# 789
Delta R.T. -0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion: 43 Resp: 444423
Ion Ratio Lower Upper
43 100
86 10.9 8.6 13.0





#43

Ethyl Acetate

Concen: 18.577 ug/l

RT: 7.553 min Scan# 953

Delta R.T. -0.006 min

Lab File: VN084987.D

Acq: 21 Nov 2024 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 48642

Ion Ratio Lower Upper

43 100

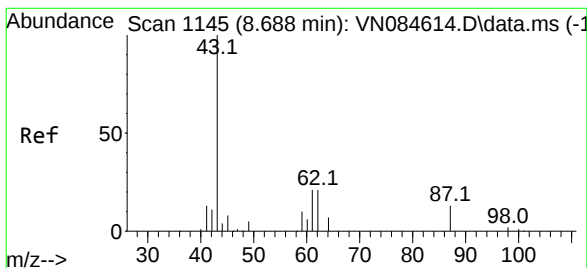
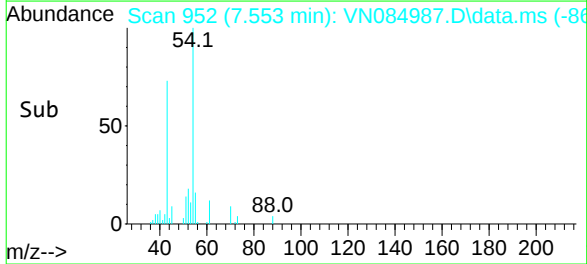
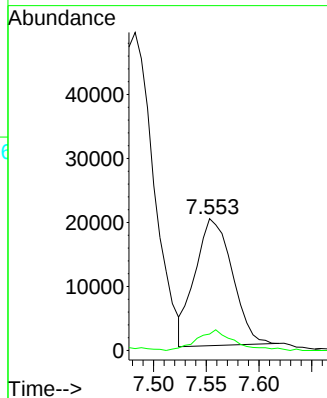
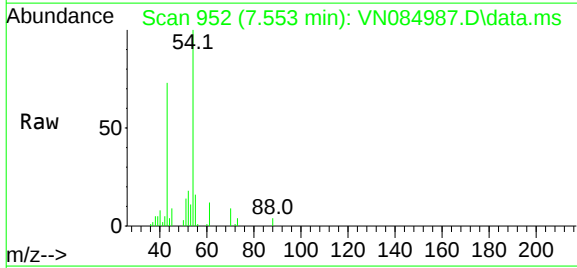
45 15.2 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#44

Isopropyl Acetate

Concen: 19.652 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN084987.D

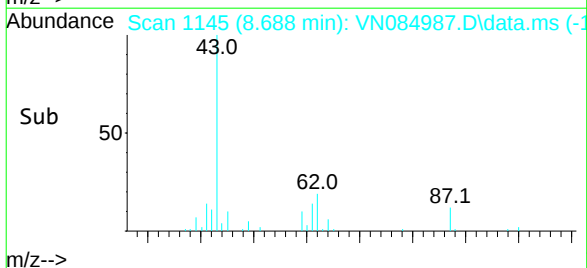
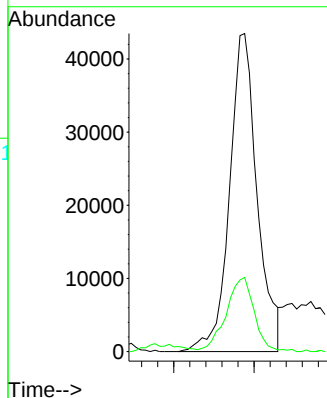
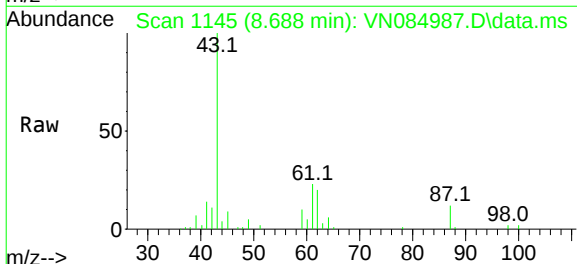
Acq: 21 Nov 2024 10:09

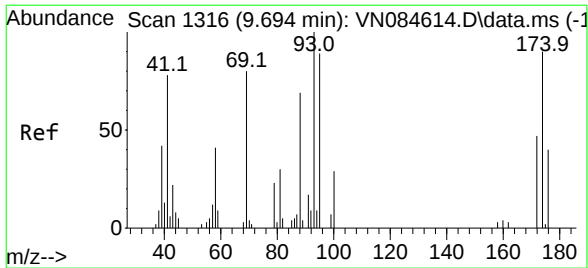
Tgt Ion: 43 Resp: 104200

Ion Ratio Lower Upper

43 100

61 23.6 19.8 29.8





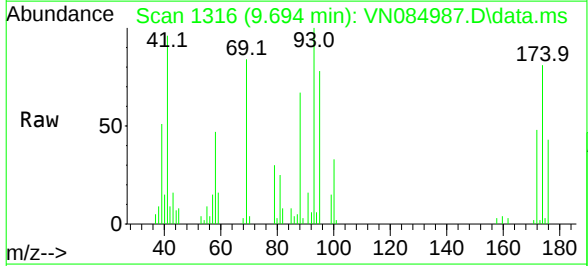
#45
 1,4-Dioxane
 Concen: 391.521 ug/l
 RT: 9.694 min Scan# 1316
 Delta R.T. -0.000 min
 Lab File: VN084987.D
 Acq: 21 Nov 2024 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



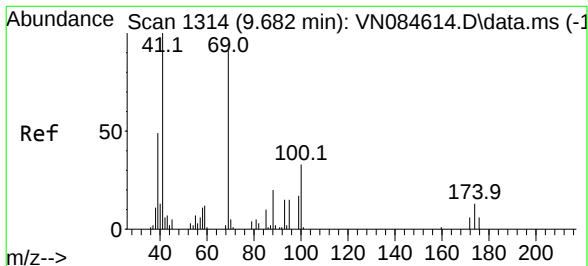
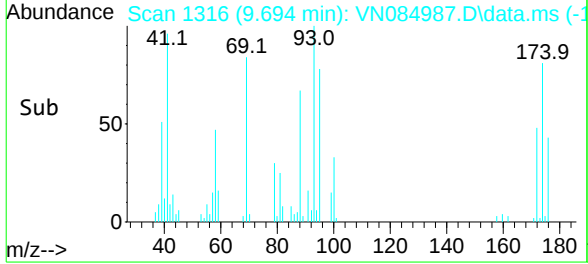
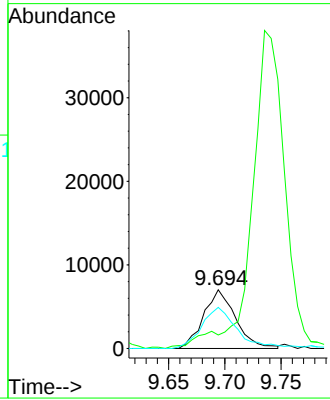
Tgt Ion: 88 Resp: 13859
 Ion Ratio Lower Upper
 88 100
 43 20.2 20.8 31.2#
 58 77.3 53.4 80.2

Manual Integrations

APPROVED

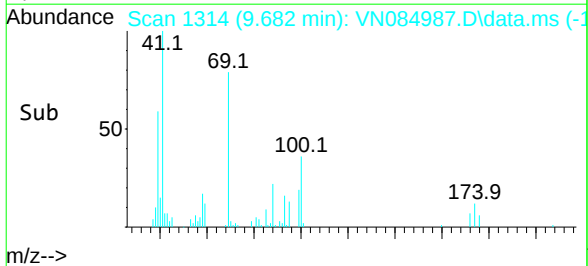
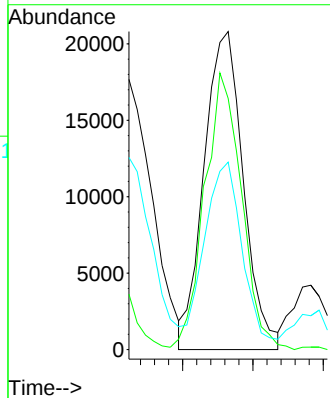
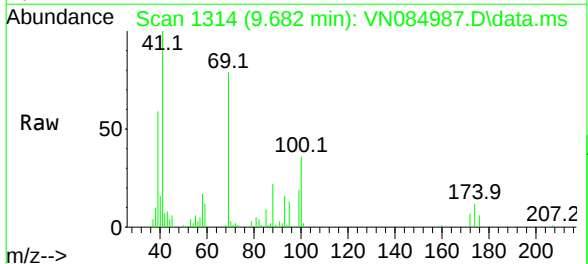
Reviewed By :John Carlone 11/21/2024

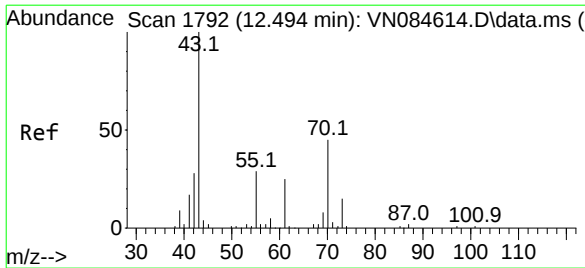
Supervised By :Mahesh Dadoda 11/22/2024



#46
 Methyl methacrylate
 Concen: 18.914 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VN084987.D
 Acq: 21 Nov 2024 10:09

Tgt Ion: 41 Resp: 40301
 Ion Ratio Lower Upper
 41 100
 69 81.8 43.4 130.2
 39 58.9 24.7 74.1





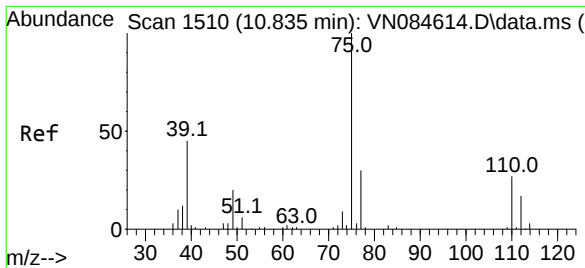
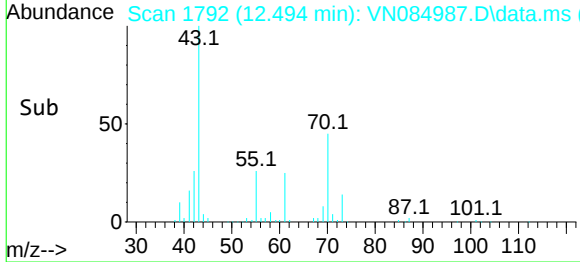
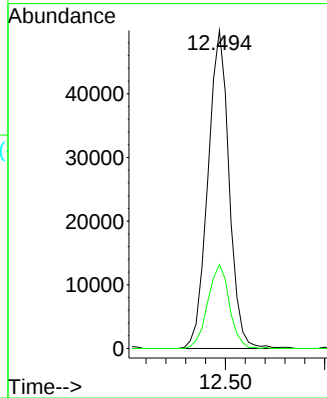
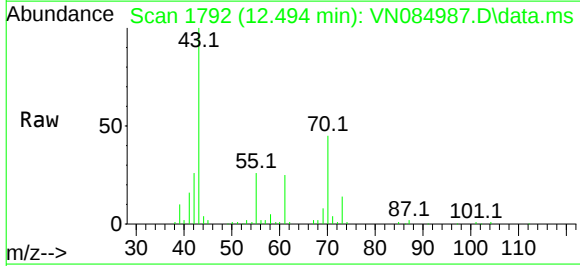
#47
n-amy1 Acetate
Concen: 18.723 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 74142
Ion Ratio Lower Upper
43 100
55 26.8 22.0 33.0

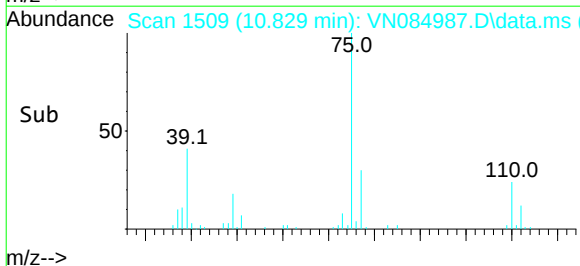
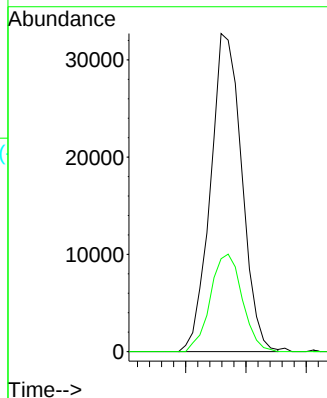
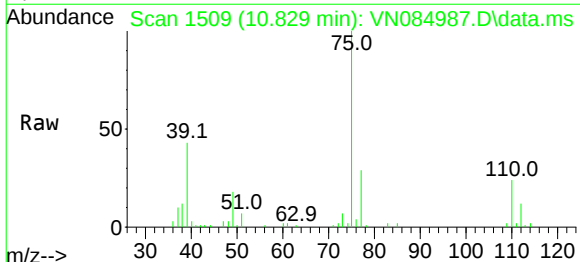
Manual Integrations
APPROVED

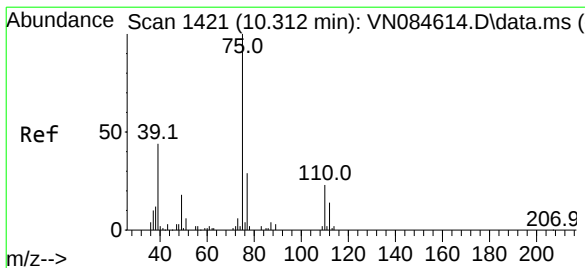
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#48
t-1,3-Dichloropropene
Concen: 18.552 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion: 75 Resp: 59053
Ion Ratio Lower Upper
75 100
77 29.2 24.4 36.6





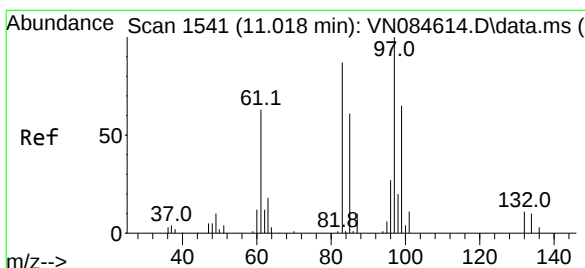
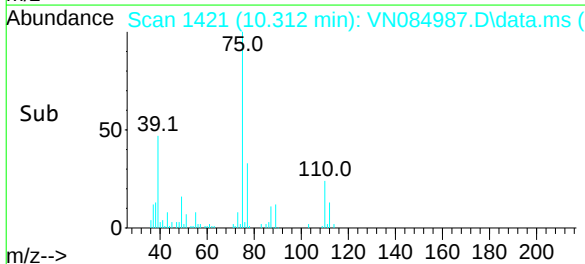
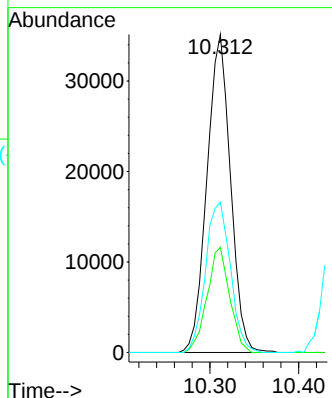
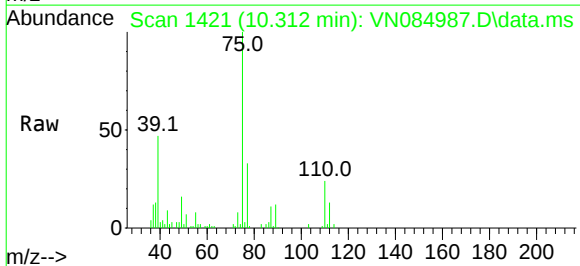
#49
cis-1,3-Dichloropropene
Concen: 18.989 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 75	Resp: 64780
Ion Ratio	Lower Upper
75 100	
77 33.0	23.4 35.2
39 47.3	35.4 53.2

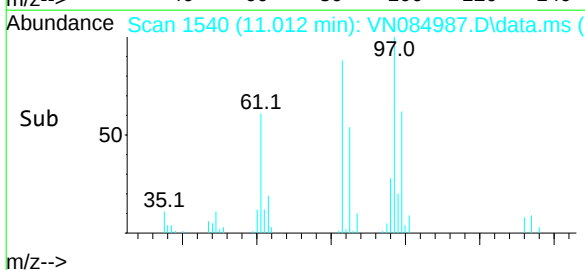
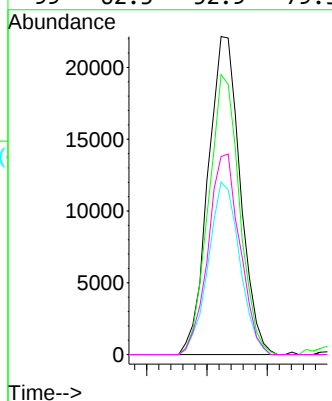
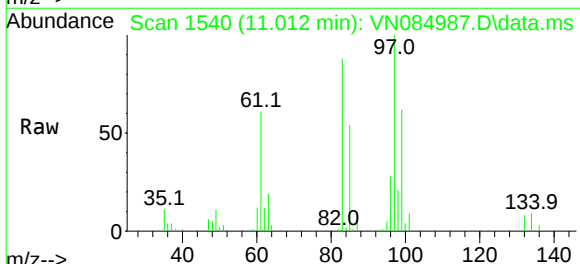
Manual Integrations
APPROVED

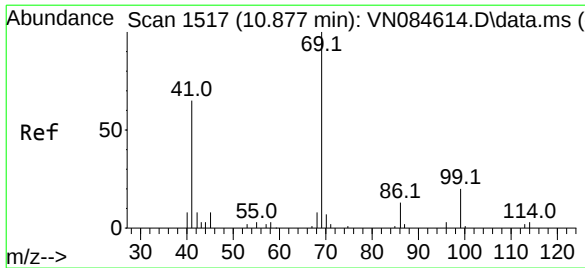
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#50
1,1,2-Trichloroethane
Concen: 20.380 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

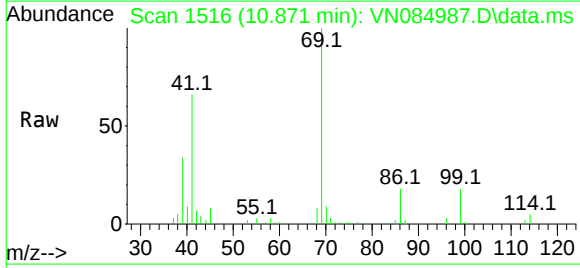
Tgt Ion: 97	Resp: 41107
Ion Ratio	Lower Upper
97 100	
83 88.0	69.8 104.8
85 54.3	48.6 73.0
99 62.3	52.9 79.3





#51
Ethyl methacrylate
Concen: 18.273 ug/l
RT: 10.871 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

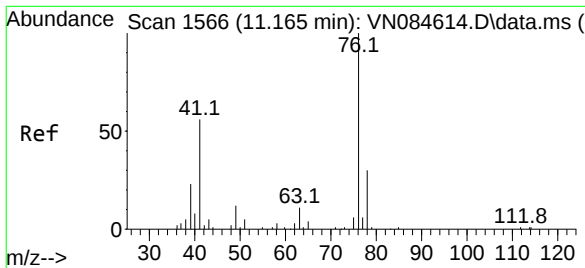
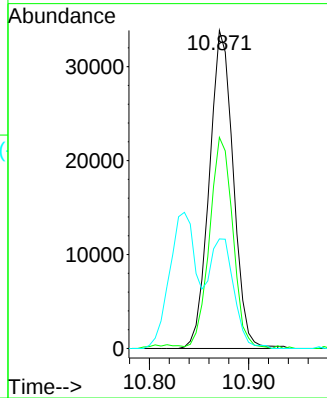
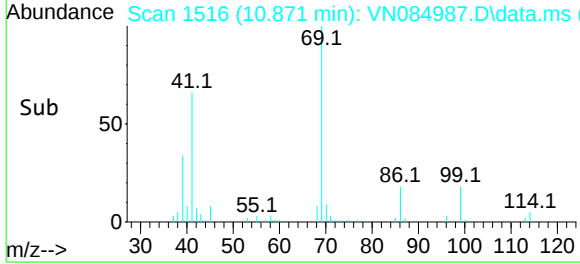
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



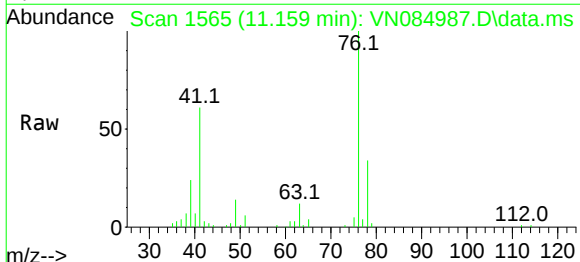
Tgt Ion: 69 Resp: 56812
Ion Ratio Lower Upper
69 100
41 65.5 32.8 98.3
39 34.4 15.4 46.1

Manual Integrations
APPROVED

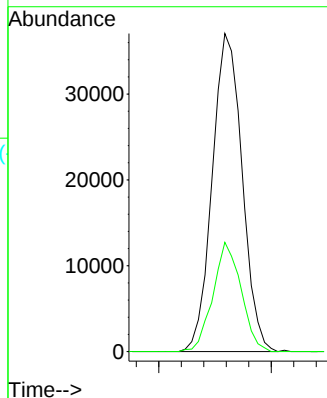
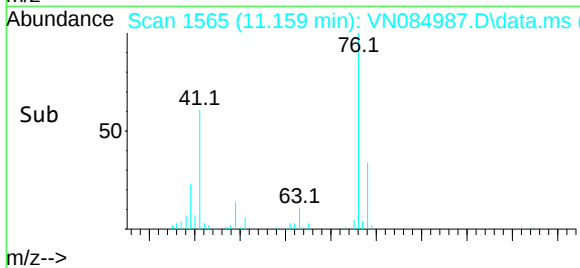
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

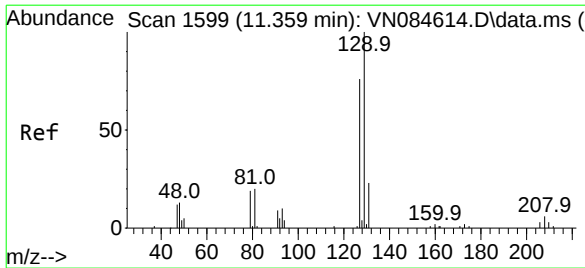


#52
1,3-Dichloropropane
Concen: 19.519 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09



Tgt Ion: 76 Resp: 68337
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.0





#53

Dibromochloromethane

Concen: 19.490 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN084987.D

Acq: 21 Nov 2024 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:129 Resp: 46003

Ion Ratio Lower Upper

129 100

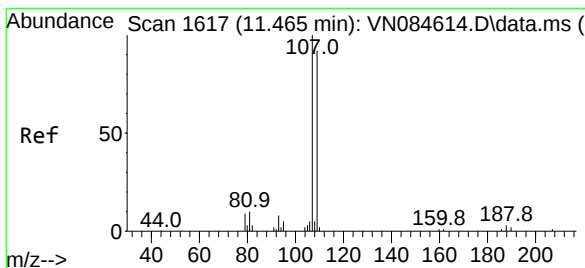
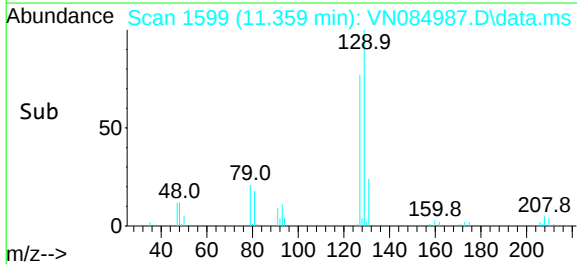
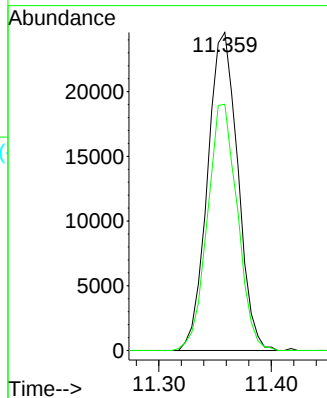
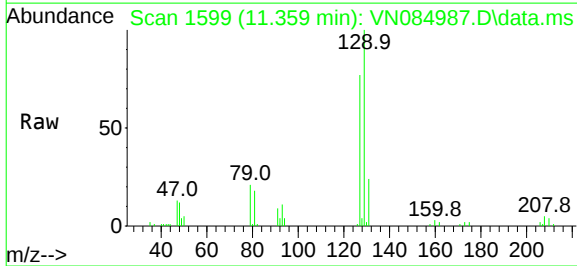
127 76.5 39.6 119.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#54

1,2-Dibromoethane

Concen: 19.550 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VN084987.D

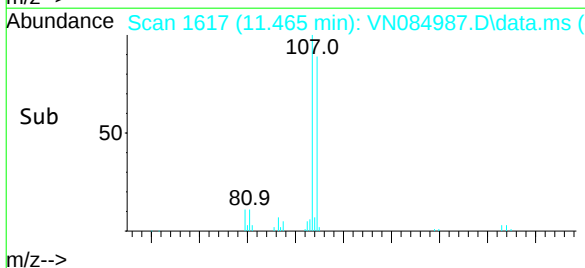
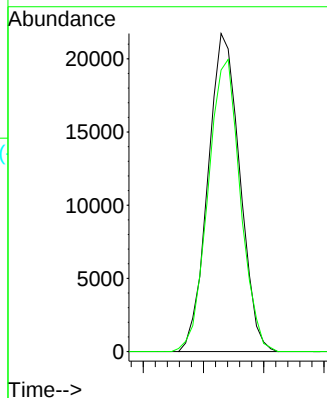
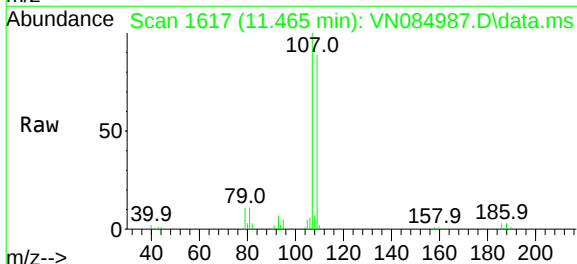
Acq: 21 Nov 2024 10:09

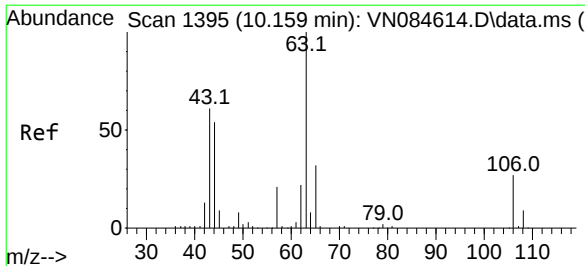
Tgt Ion:107 Resp: 39883

Ion Ratio Lower Upper

107 100

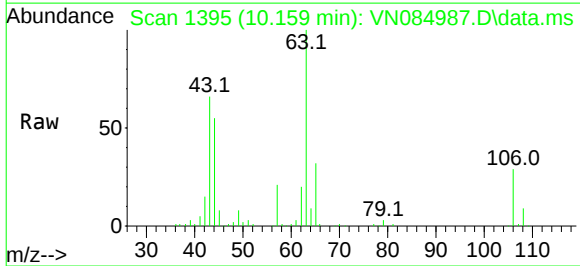
109 92.9 73.4 110.0





#55
2-Chloroethyl vinyl ether
Concen: 96.800 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

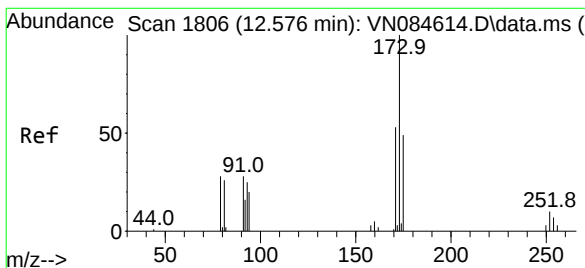
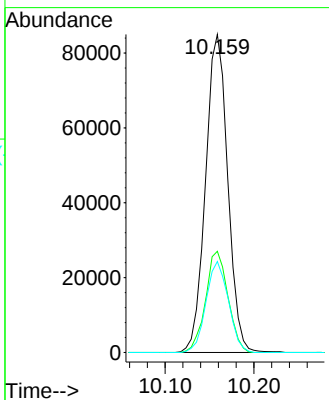
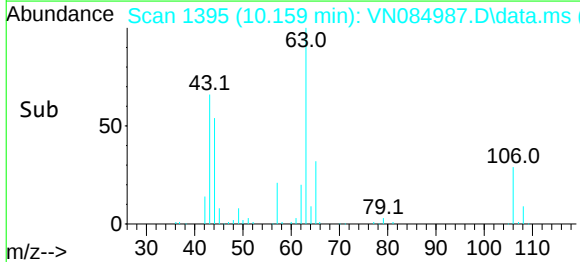
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



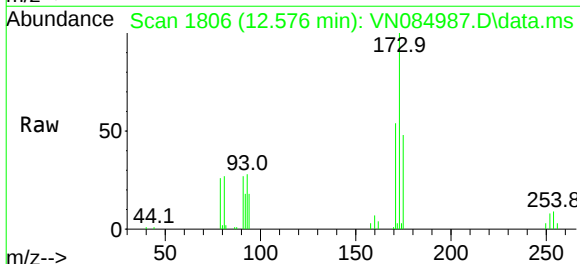
Tgt Ion: 63 Resp: 147551
Ion Ratio Lower Upper
63 100
65 32.2 25.5 38.3
106 28.9 22.3 33.5

Manual Integrations
APPROVED

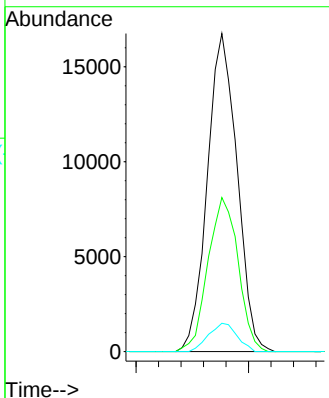
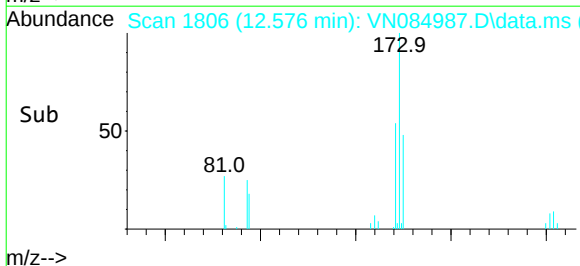
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

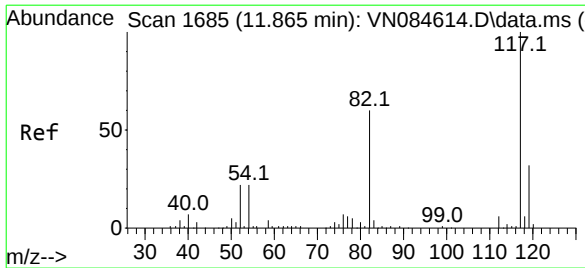


#56
Bromoform
Concen: 19.451 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09



Tgt Ion:173 Resp: 30775
Ion Ratio Lower Upper
173 100
175 49.2 39.4 59.2
254 8.5 6.4 9.6





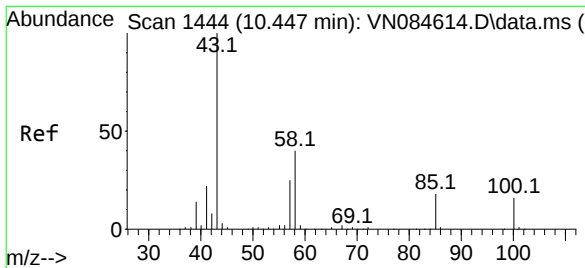
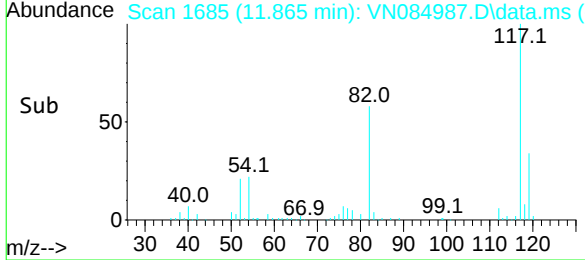
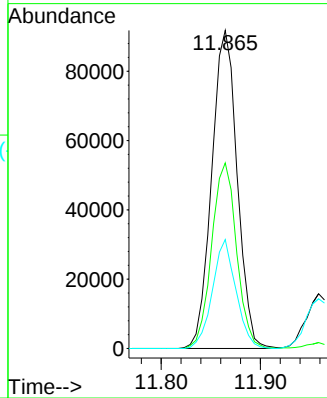
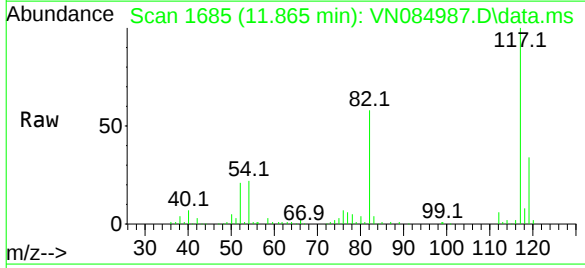
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:117 Resp: 164023
Ion Ratio Lower Upper
117 100
82 56.9 45.5 68.3
119 31.7 25.3 37.9

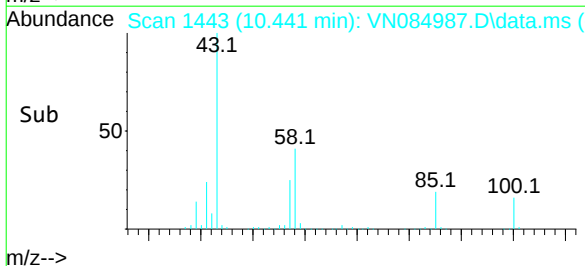
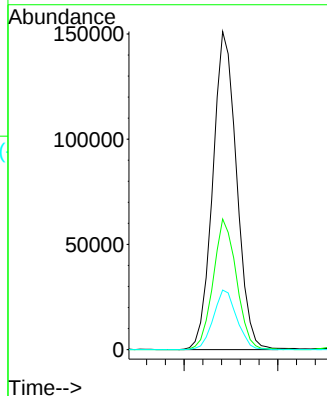
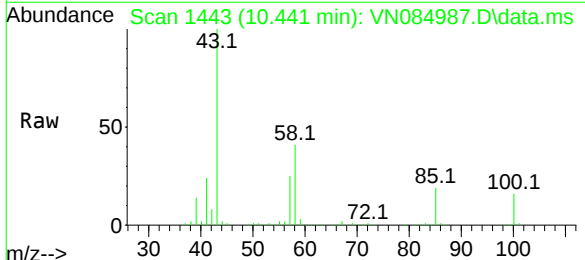
Manual Integrations
APPROVED

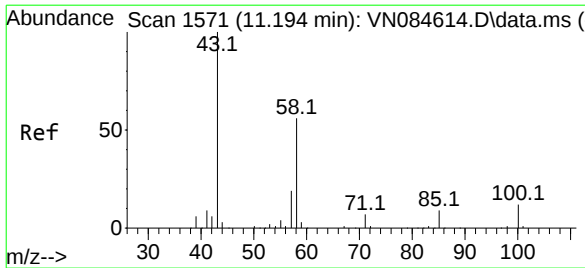
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#58
4-Methyl-2-Pentanone
Concen: 103.239 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion: 43 Resp: 267148
Ion Ratio Lower Upper
43 100
58 40.1 31.2 46.8
85 18.3 14.9 22.3





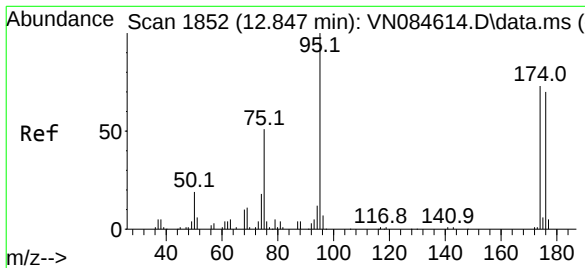
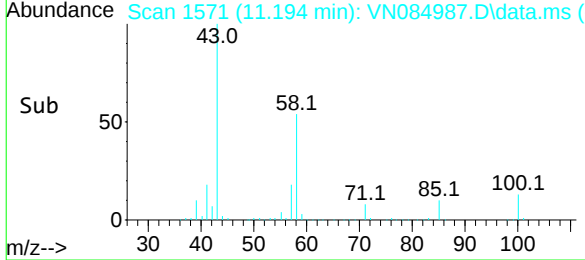
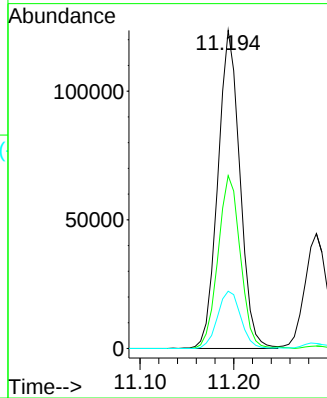
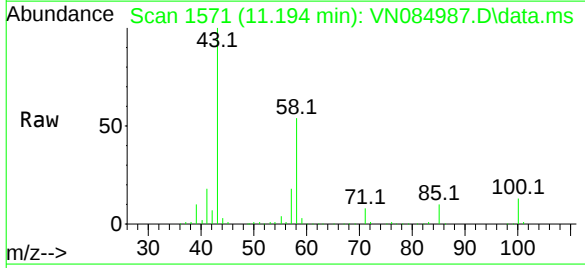
#59
2-Hexanone
Concen: 106.636 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43	Resp: 202058
Ion Ratio	Lower Upper
43 100	
58 54.8	43.8 65.6
57 19.0	15.0 22.6

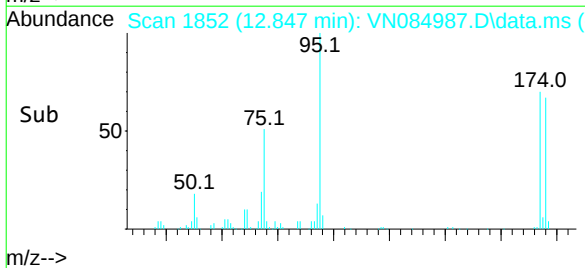
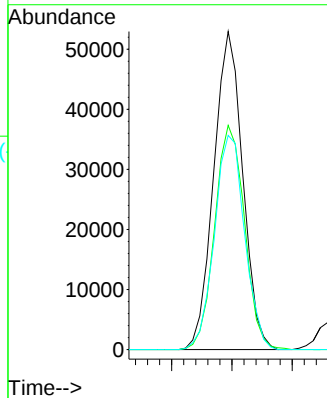
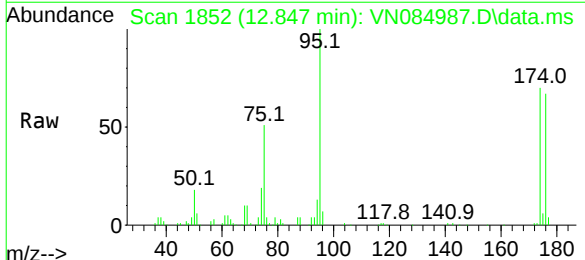
Manual Integrations
APPROVED

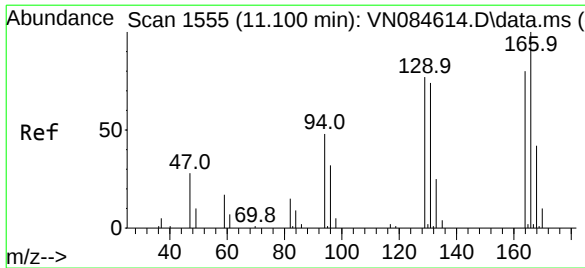
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#60
4-Bromofluorobenzene
Concen: 31.340 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

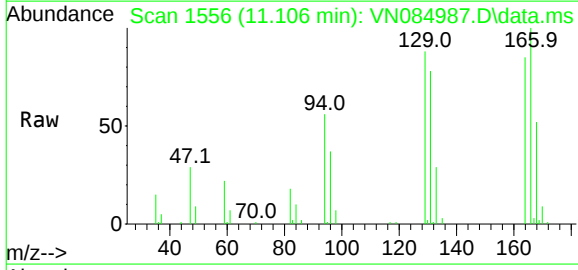
Tgt Ion: 95	Resp: 88511
Ion Ratio	Lower Upper
95 100	
174 72.4	59.6 89.4
176 70.1	58.6 88.0





#61
Tetrachloroethene
Concen: 19.060 ug/l
RT: 11.106 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

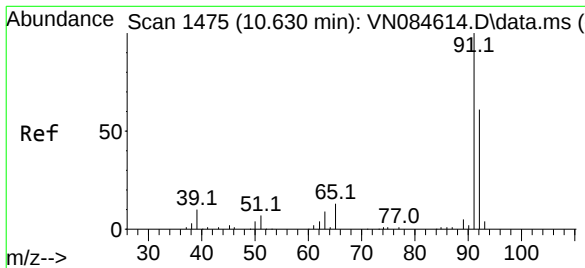
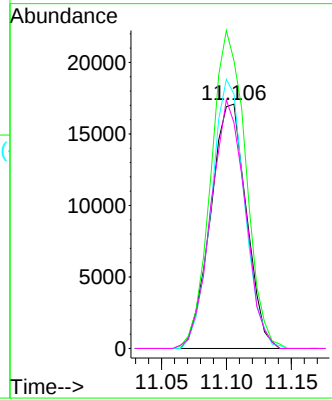
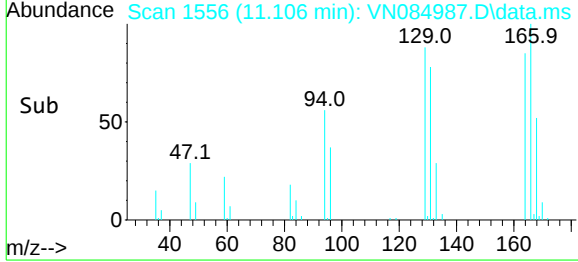
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 32719
Ion Ratio Lower Upper
164 100
166 116.7 100.5 150.7
129 104.1 77.7 116.5
131 92.4 74.7 112.1

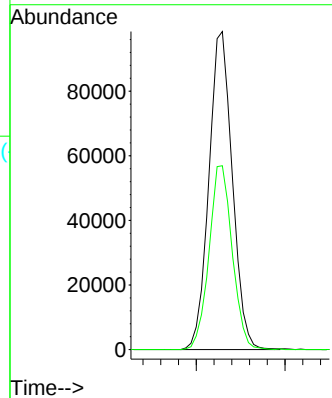
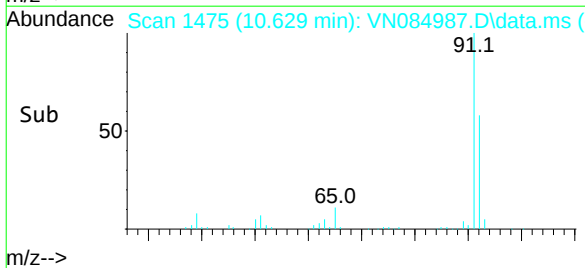
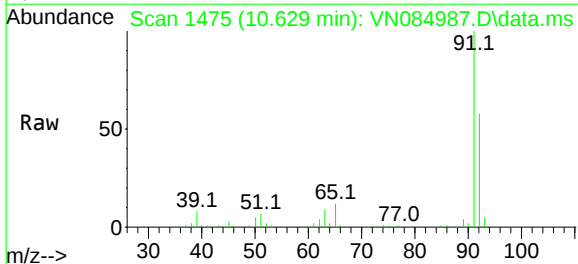
Manual Integrations
APPROVED

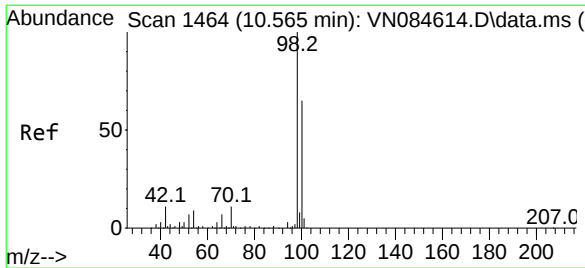
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#62
Toluene
Concen: 19.298 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

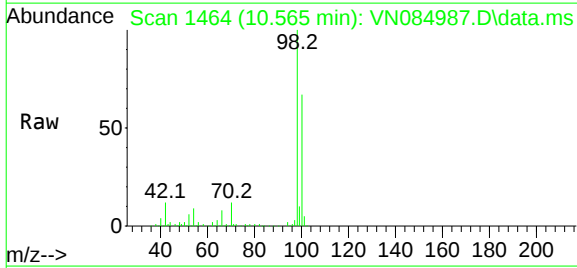
Tgt Ion: 91 Resp: 180288
Ion Ratio Lower Upper
91 100
92 57.3 47.5 71.3





#63
Toluene-d8
Concen: 30.010 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

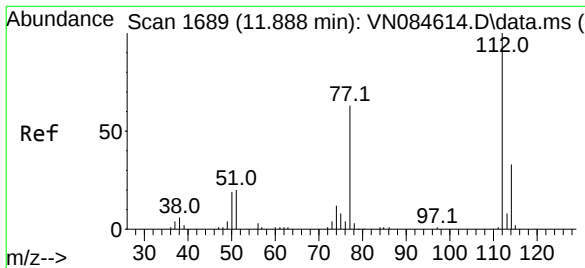
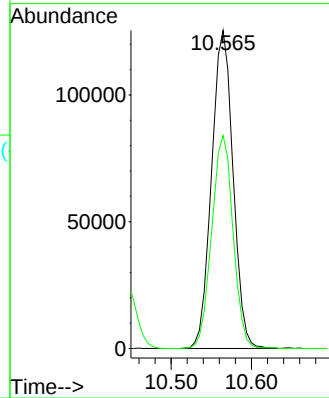
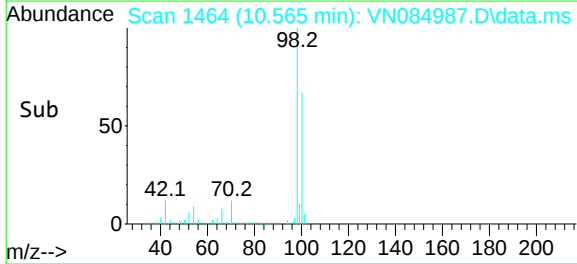
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 98 Resp: 233022
Ion Ratio Lower Upper
98 100
100 66.6 52.2 78.2

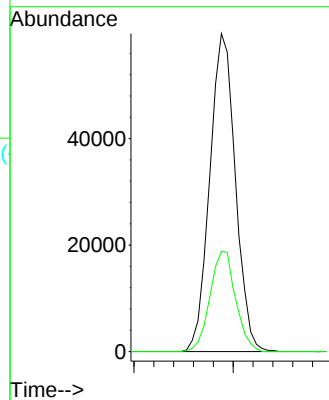
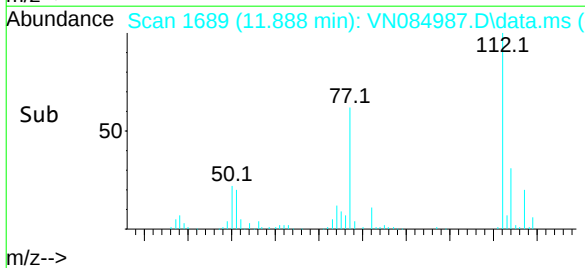
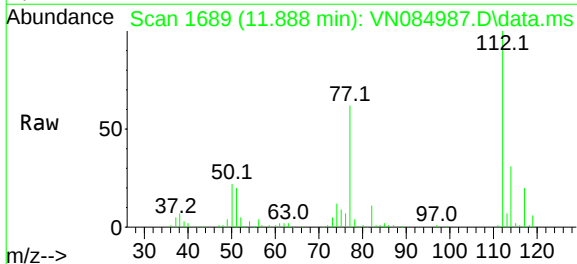
Manual Integrations
APPROVED

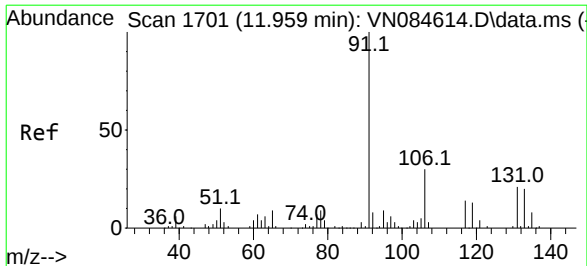
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#64
Chlorobenzene
Concen: 18.997 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion:112 Resp: 107139
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.4





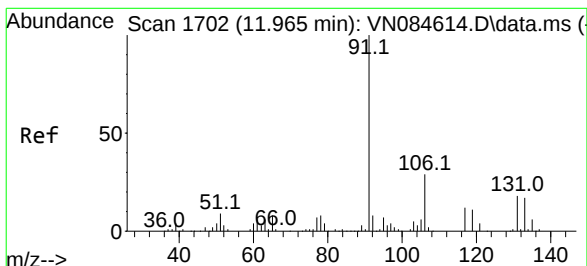
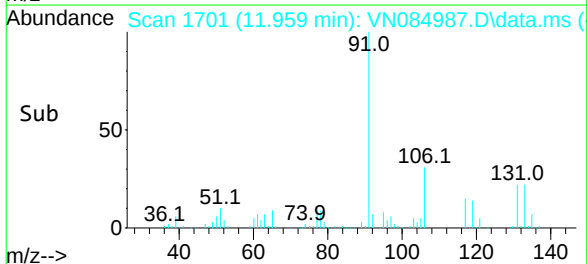
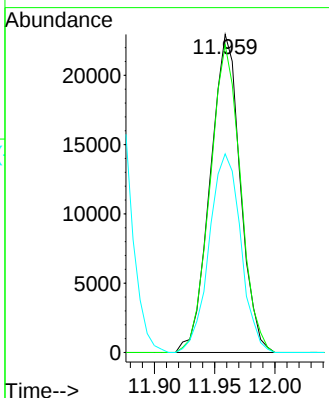
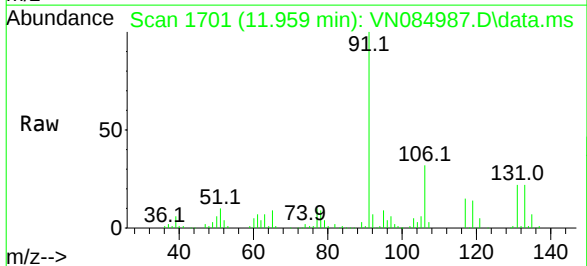
#65
1,1,1,2-Tetrachloroethane
Concen: 19.209 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 131 Resp: 39814
Ion Ratio Lower Upper
131 100
133 98.0 0.0 189.2
119 65.6 0.0 129.4

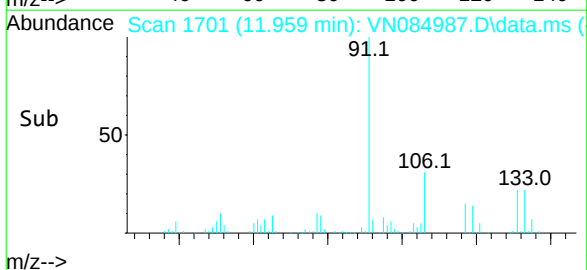
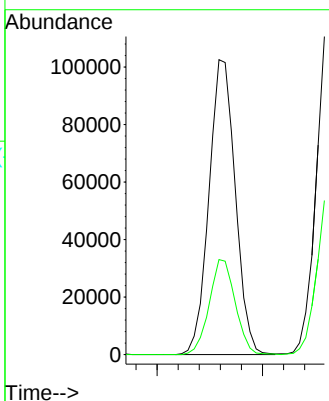
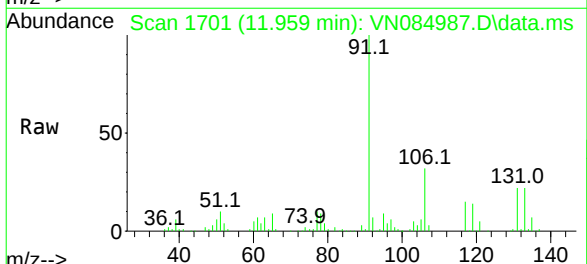
Manual Integrations
APPROVED

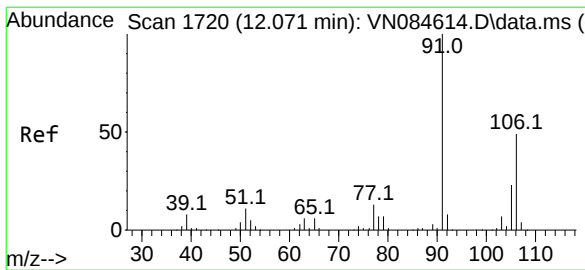
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#66
Ethyl Benzene
Concen: 18.142 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion: 91 Resp: 178115
Ion Ratio Lower Upper
91 100
106 32.2 22.9 34.3





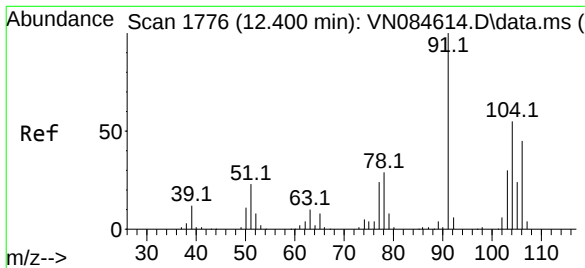
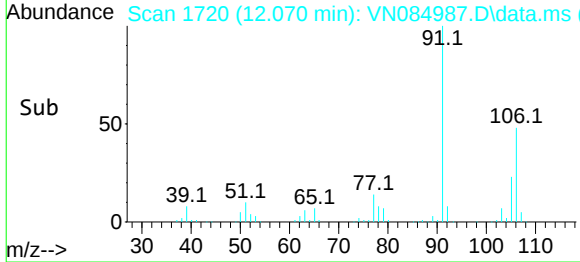
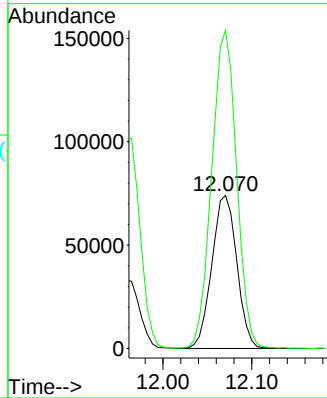
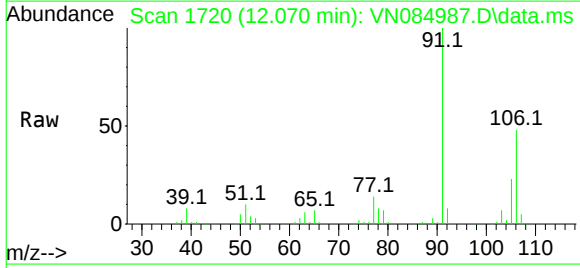
#67
m/p-Xylenes
Concen: 38.476 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 144624
Ion Ratio Lower Upper
106 100
91 206.4 168.1 252.1

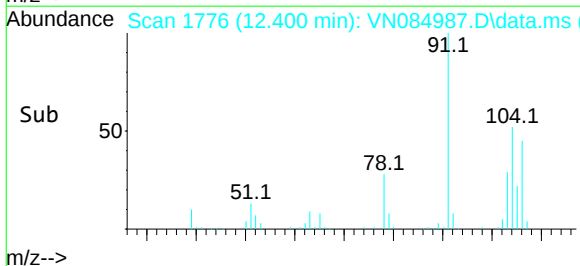
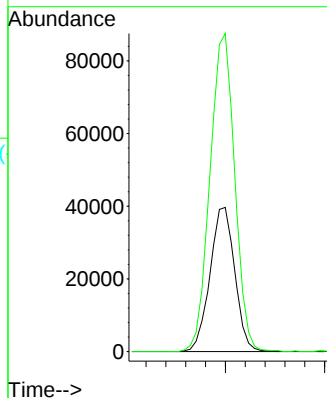
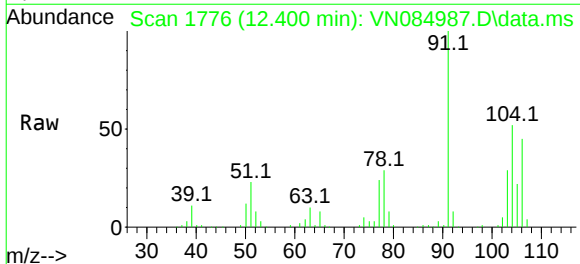
Manual Integrations
APPROVED

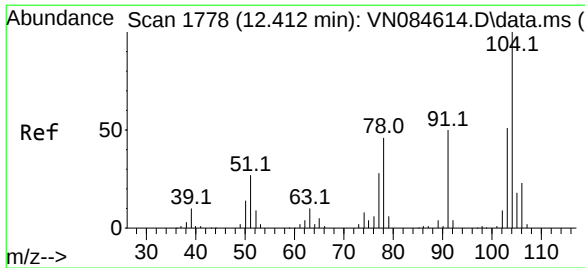
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#68
o-Xylene
Concen: 19.001 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion:106 Resp: 68894
Ion Ratio Lower Upper
106 100
91 220.5 107.7 322.9





#69

Styrene

Concen: 19.105 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084987.D

Acq: 21 Nov 2024 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

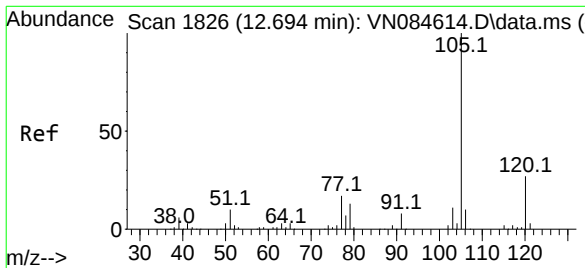
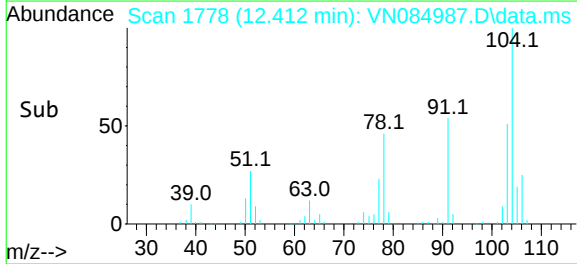
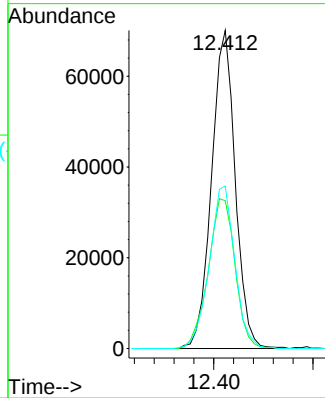
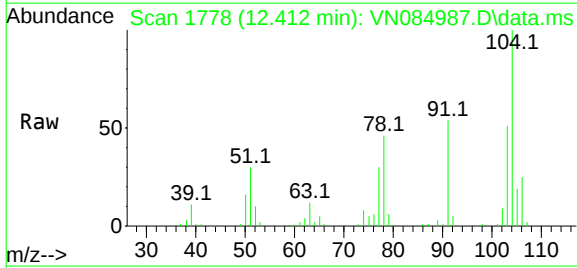
Tgt Ion:	104	Resp:	116151
Ion Ratio	Lower	Upper	
104	100		
78	53.3	41.5	62.3
103	55.2	44.6	67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#70

Isopropylbenzene

Concen: 18.911 ug/l

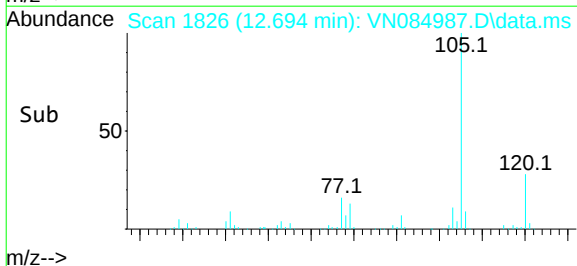
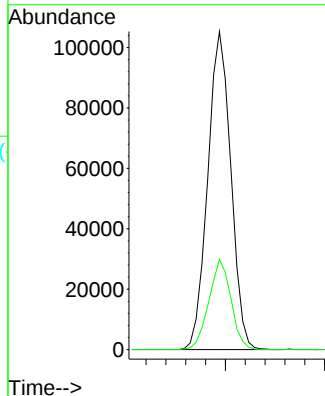
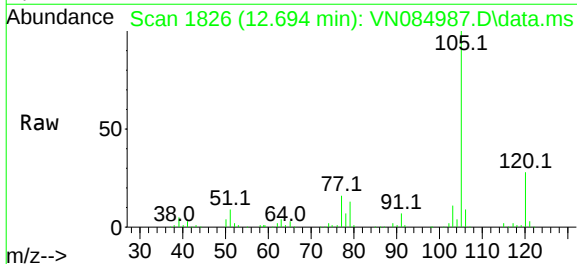
RT: 12.694 min Scan# 1826

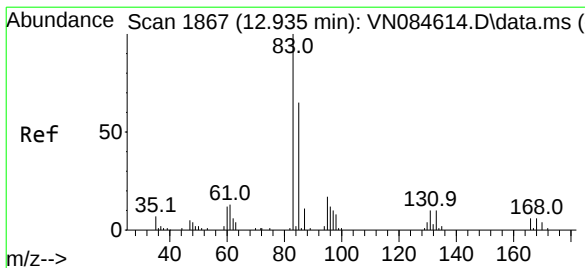
Delta R.T. -0.000 min

Lab File: VN084987.D

Acq: 21 Nov 2024 10:09

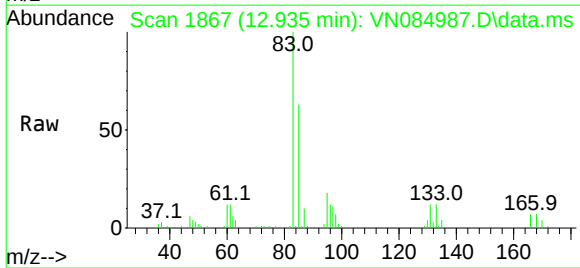
Tgt Ion:	105	Resp:	170342
Ion Ratio	Lower	Upper	
105	100		
120	27.0	18.7	34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 20.307 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

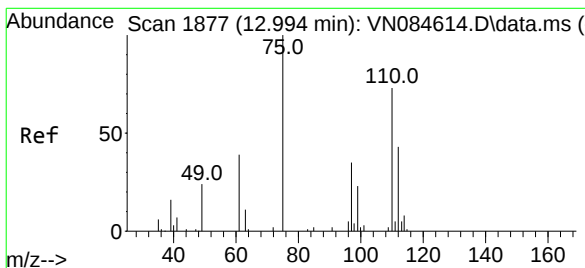
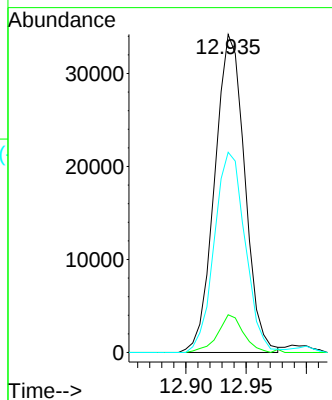
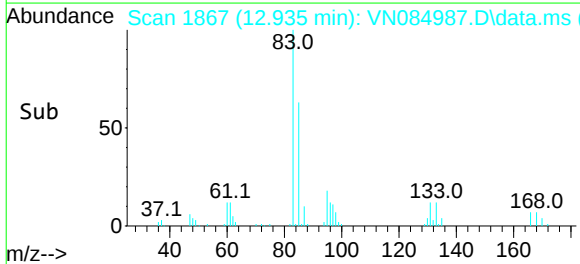
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



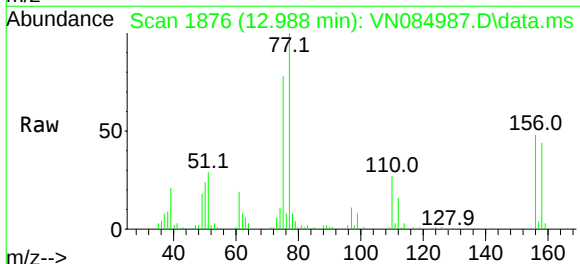
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.3
85	64.6	33.3	99.9

Manual Integrations
APPROVED

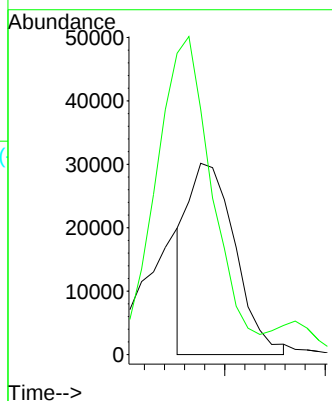
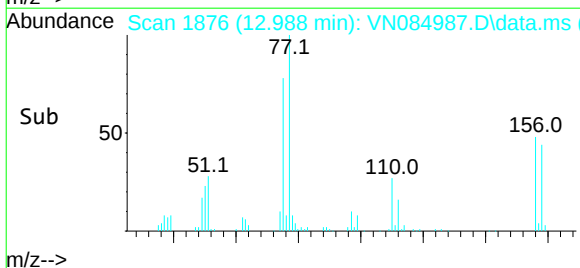
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

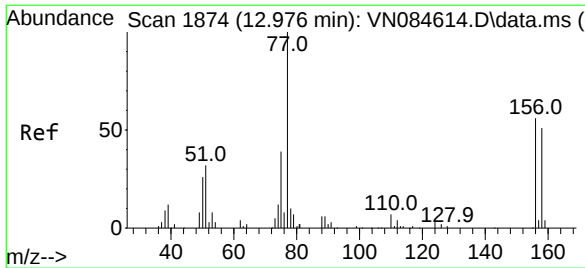


#72
1,2,3-Trichloropropane
Concen: 19.782 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09



Tgt Ion	Ratio	Lower	Upper
75	100		
77	199.0	0.0	358.4





#73

Bromobenzene

Concen: 19.182 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN084987.D

Acq: 21 Nov 2024 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 156 Resp: 44563

Ion Ratio Lower Upper

156 100

77 220.2 0.0 427.6

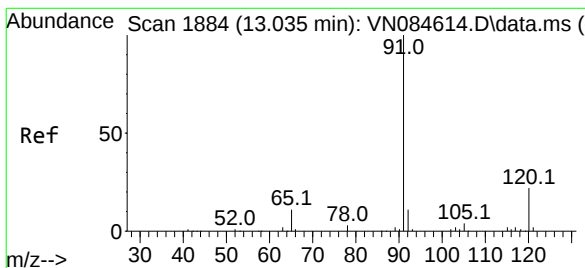
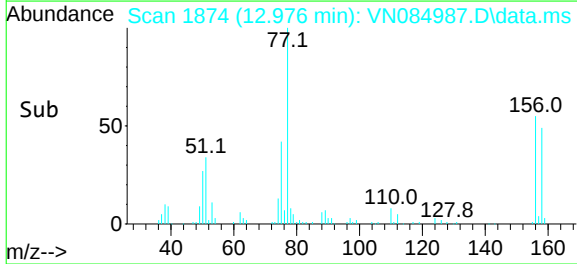
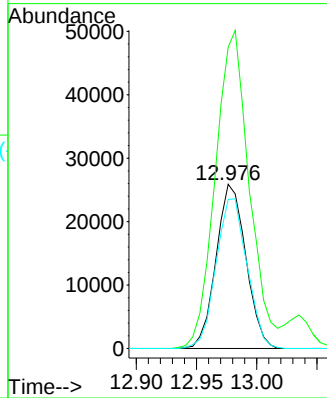
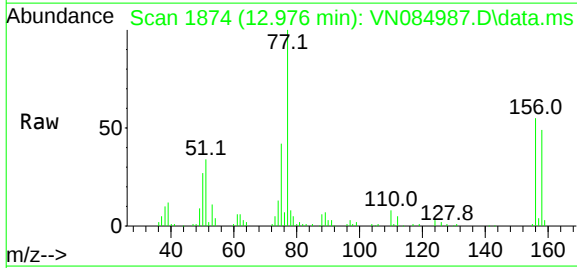
158 94.9 0.0 191.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#74

n-propylbenzene

Concen: 19.354 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN084987.D

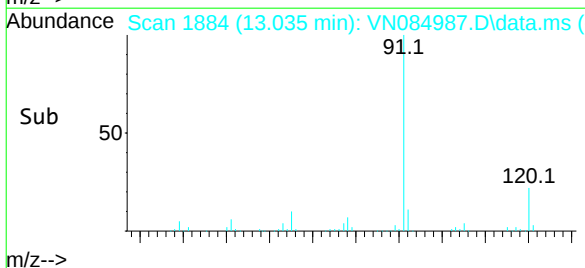
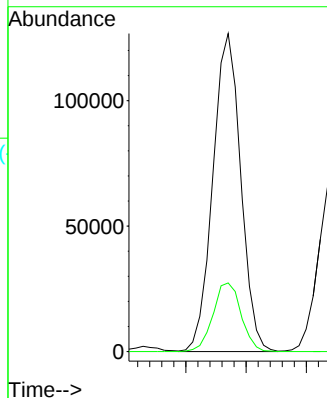
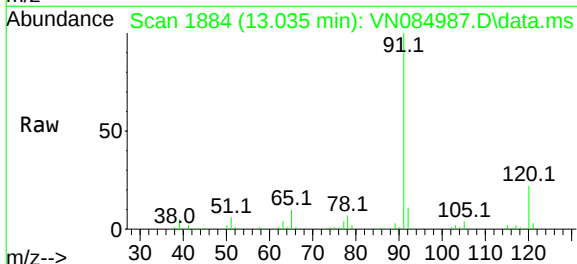
Acq: 21 Nov 2024 10:09

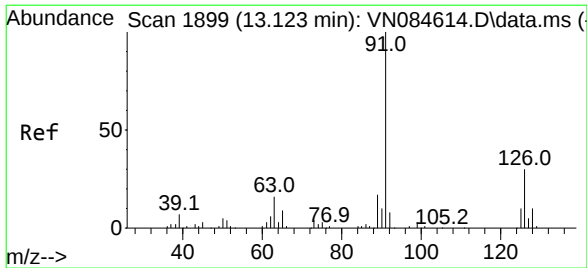
Tgt Ion: 91 Resp: 203844

Ion Ratio Lower Upper

91 100

120 21.7 0.0 44.0





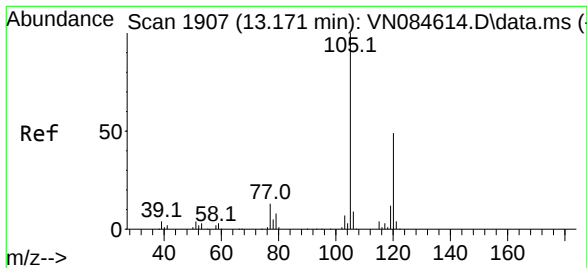
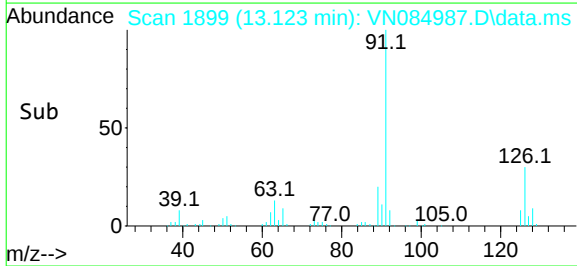
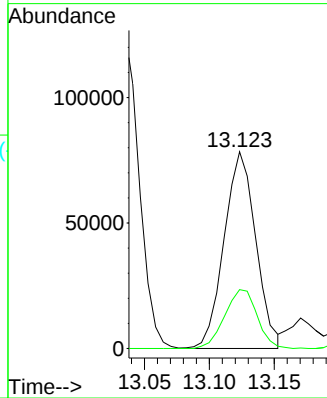
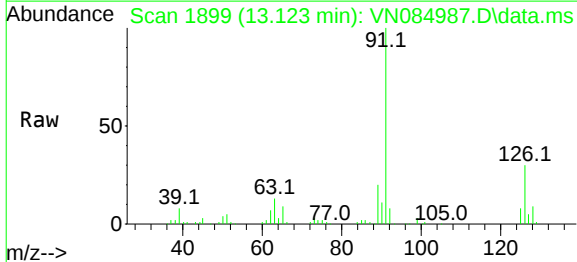
#75
2-Chlorotoluene
Concen: 19.416 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 133176
Ion Ratio Lower Upper
91 100
126 30.5 0.0 60.8

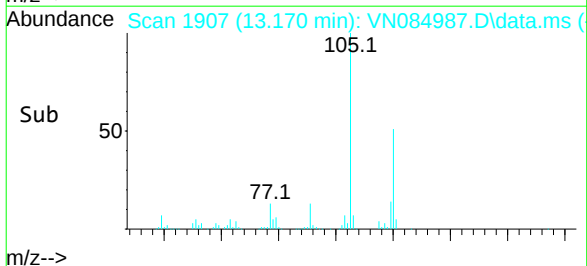
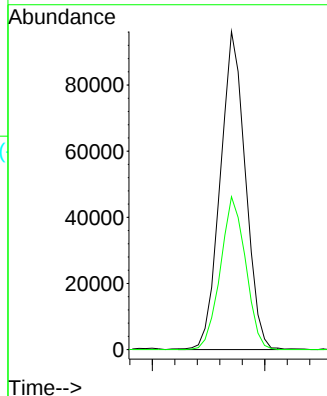
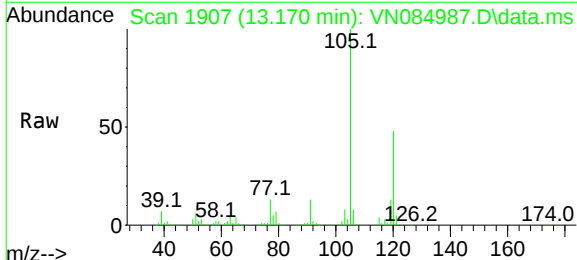
Manual Integrations
APPROVED

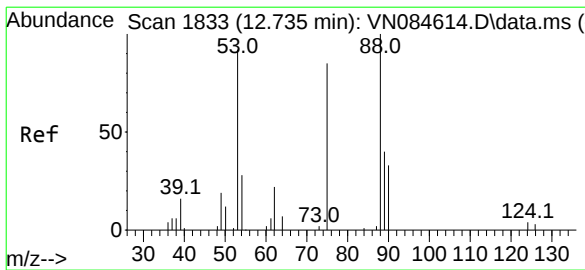
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.422 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

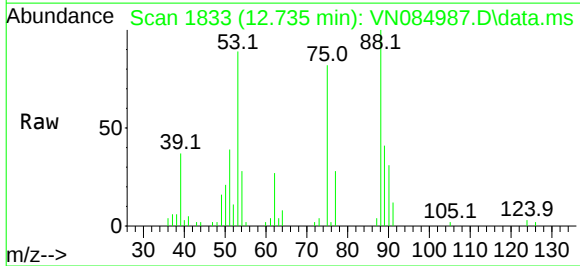
Tgt Ion:105 Resp: 149473
Ion Ratio Lower Upper
105 100
120 48.1 0.0 96.8





#77
t-1,4-Dichloro-2-butene
Concen: 20.043 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

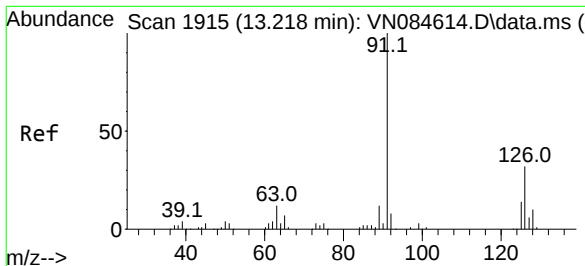
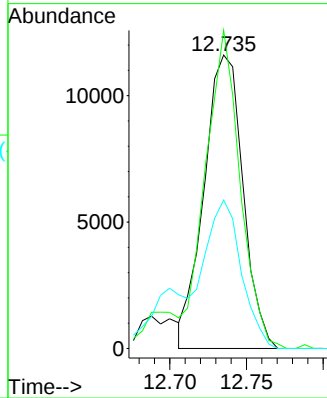
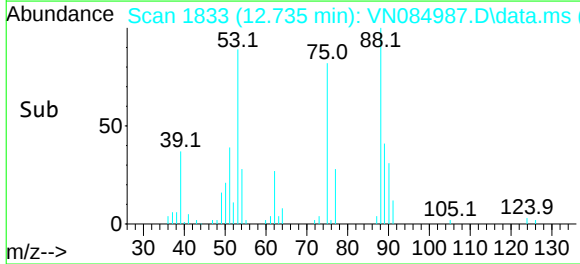
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 20493
Ion Ratio Lower Upper
75 100
53 106.8 52.4 157.2
89 50.6 26.0 78.0

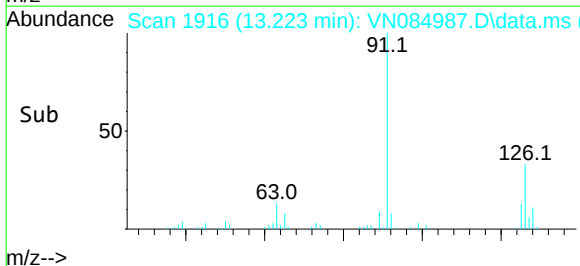
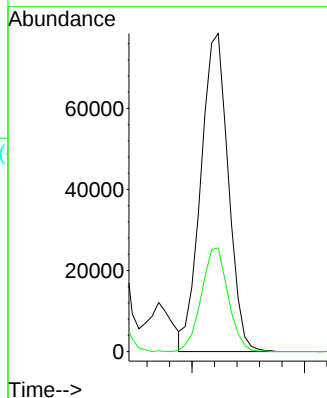
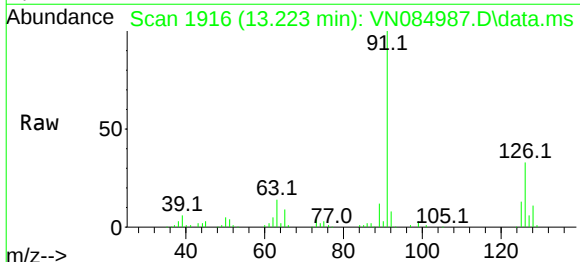
Manual Integrations
APPROVED

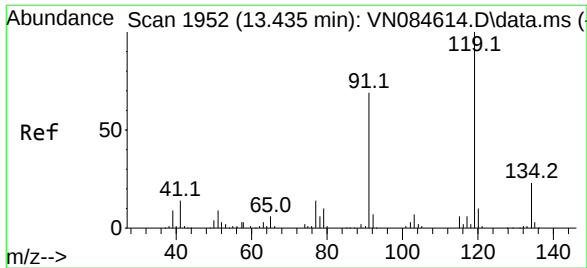
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#78
4-Chlorotoluene
Concen: 19.198 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion: 91 Resp: 133045
Ion Ratio Lower Upper
91 100
126 31.9 0.0 63.4





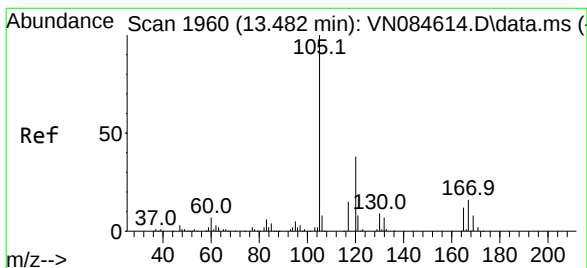
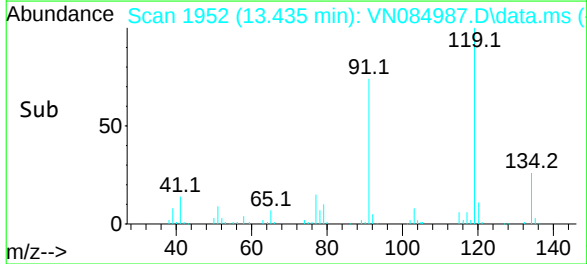
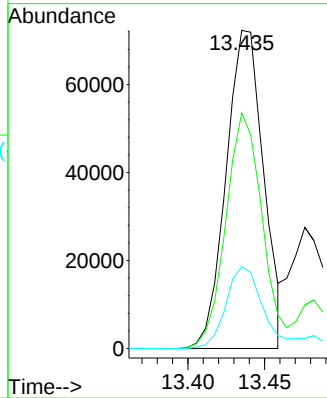
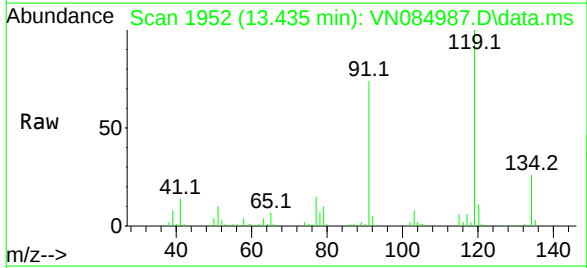
#79
tert-butylbenzene
Concen: 19.317 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 122941
Ion Ratio Lower Upper
119 100
91 71.9 0.0 143.2
134 24.8 0.0 49.4

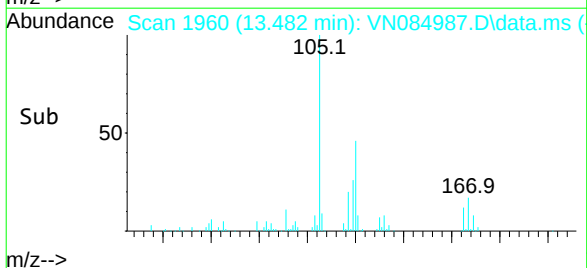
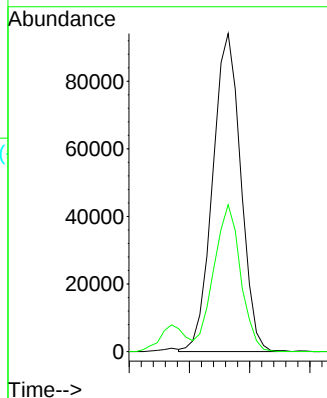
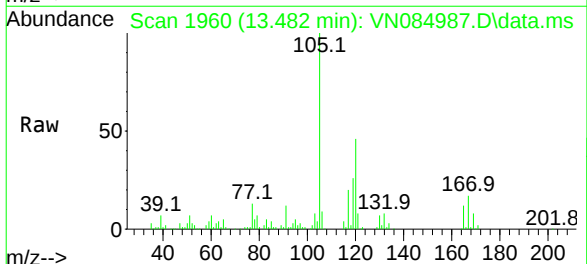
Manual Integrations
APPROVED

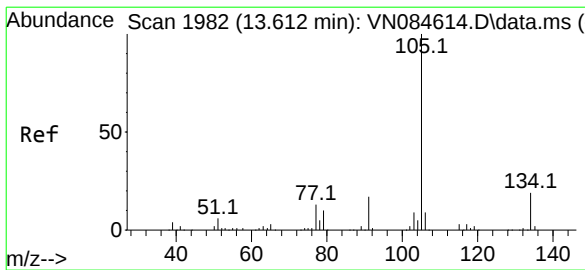
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.621 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion:105 Resp: 152333
Ion Ratio Lower Upper
105 100
120 44.3 0.0 90.4





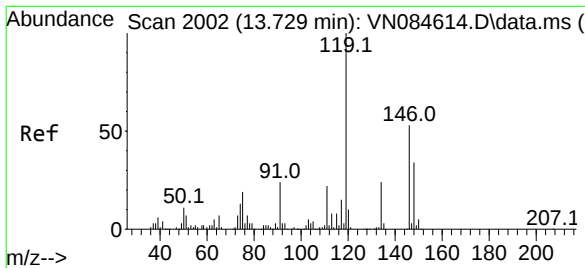
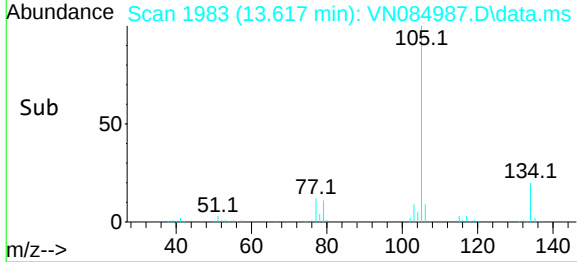
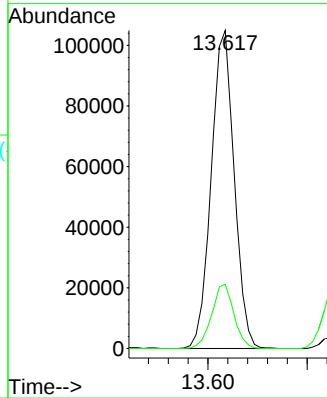
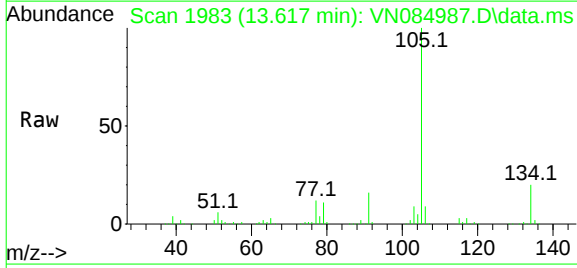
#81
sec-Butylbenzene
Concen: 19.240 ug/l
RT: 13.617 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:105 Resp: 168731
Ion Ratio Lower Upper
105 100
134 19.5 0.0 39.0

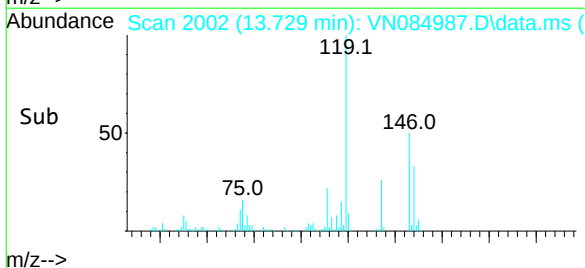
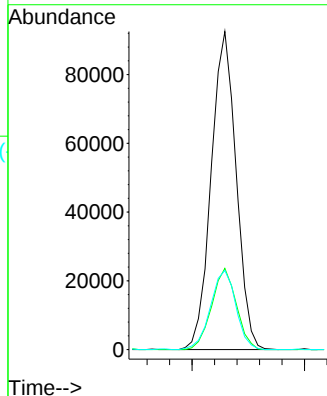
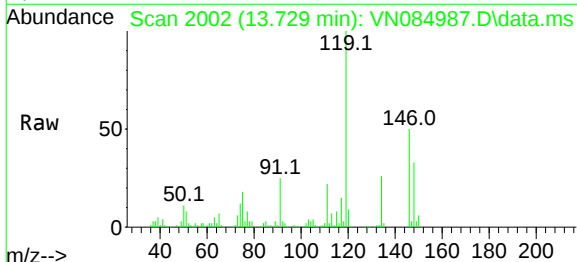
Manual Integrations
APPROVED

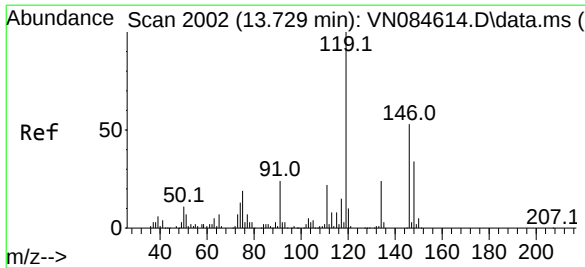
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#82
p-Isopropyltoluene
Concen: 19.384 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion:119 Resp: 142835
Ion Ratio Lower Upper
119 100
134 25.2 0.0 51.4
91 25.3 0.0 50.4





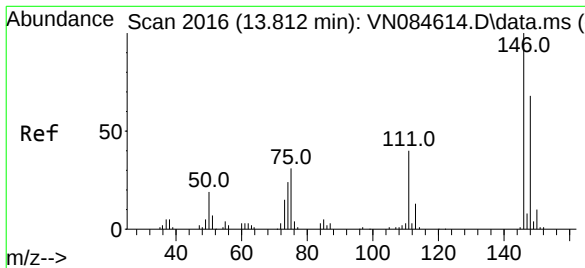
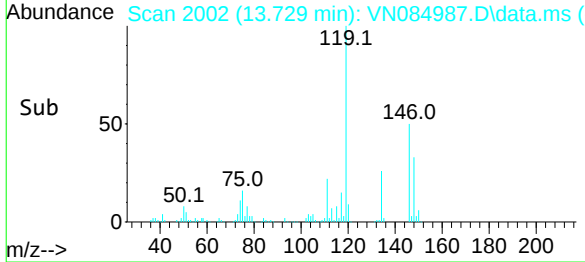
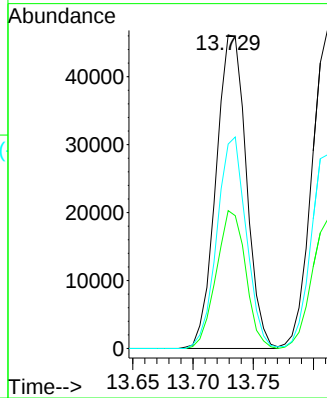
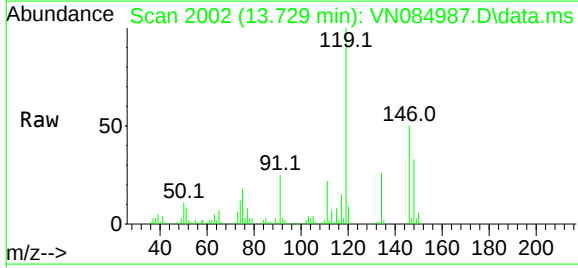
#83
1,3-Dichlorobenzene
Concen: 18.780 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:146 Resp: 80688
Ion Ratio Lower Upper
146 100
111 42.7 21.0 63.0
148 65.0 31.3 93.8

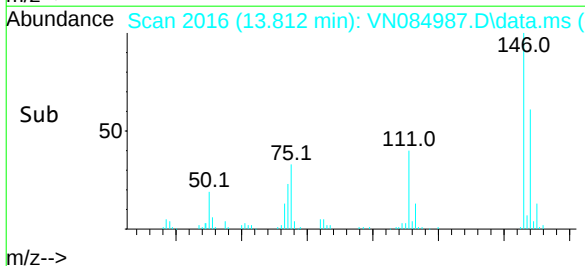
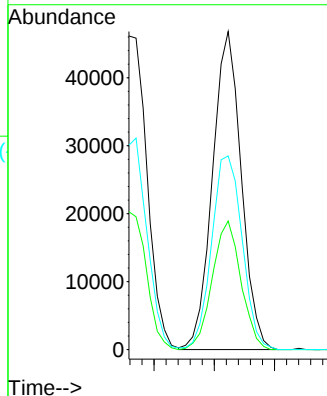
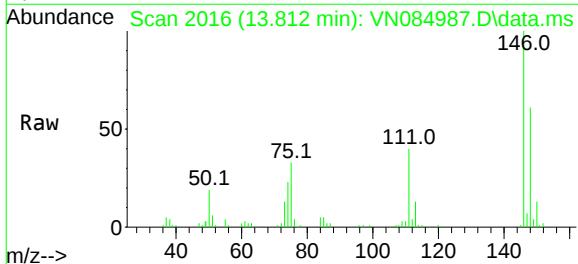
Manual Integrations
APPROVED

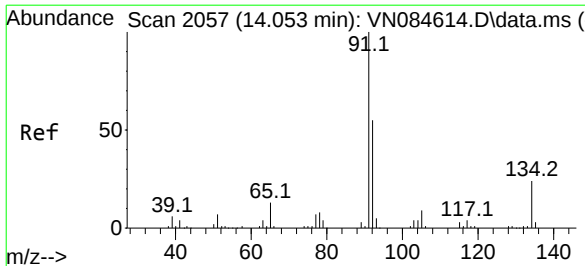
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#84
1,4-Dichlorobenzene
Concen: 18.325 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion:146 Resp: 77795
Ion Ratio Lower Upper
146 100
111 40.2 20.2 60.5
148 64.6 32.6 98.0





#85
n-Butylbenzene
Concen: 18.220 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Instrument :

MSVOA_N

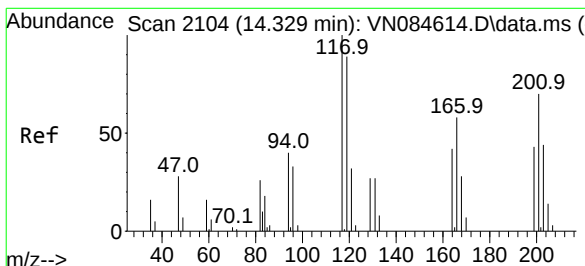
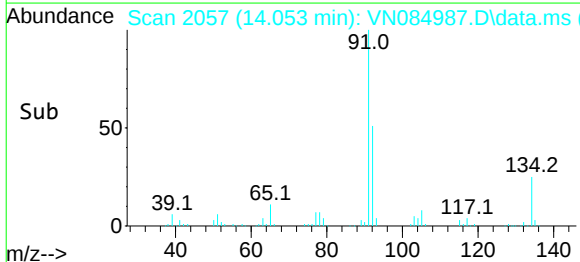
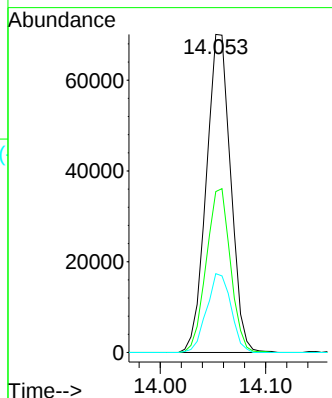
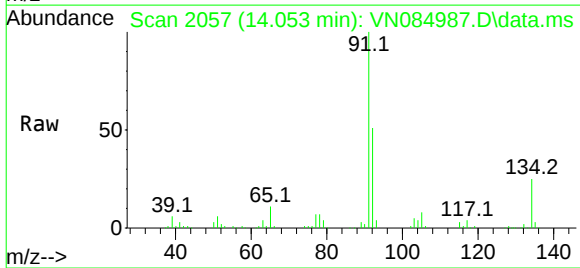
ClientSampleId :

VSTDCCC020

Tgt Ion: 91 Resp: 112759
Ion Ratio Lower Upper
91 100
92 51.0 0.0 106.2
134 24.8 0.0 48.2

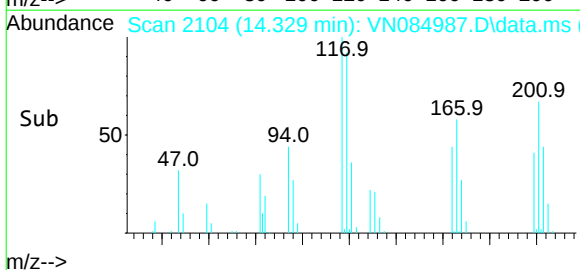
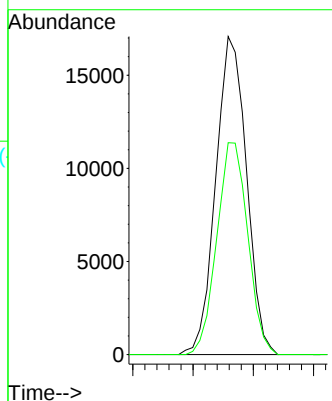
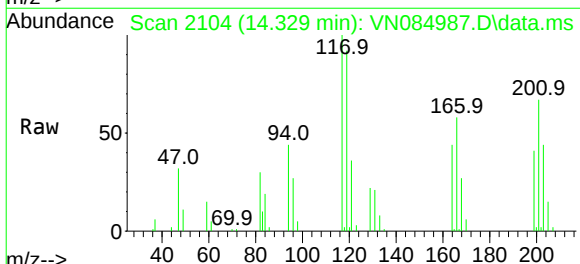
Manual Integrations
APPROVED

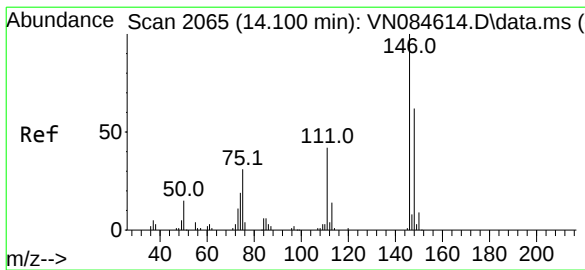
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#86
Hexachloroethane
Concen: 20.109 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

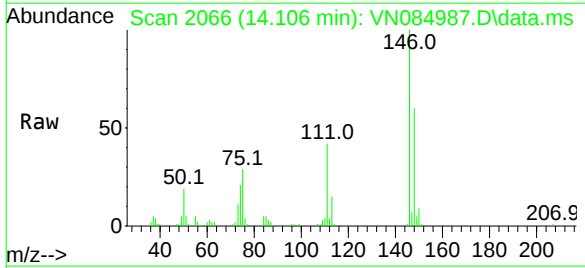
Tgt Ion:117 Resp: 30305
Ion Ratio Lower Upper
117 100
201 67.2 34.4 103.3





#87
1,2-Dichlorobenzene
Concen: 19.451 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

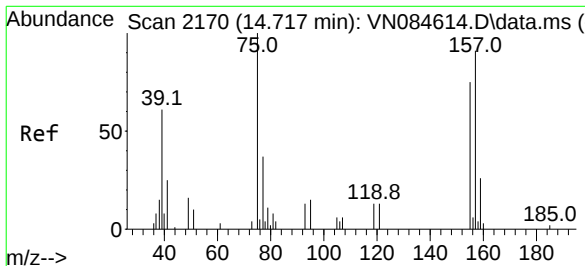
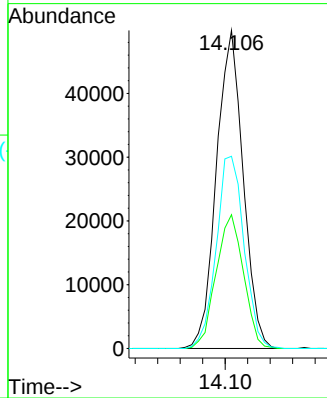
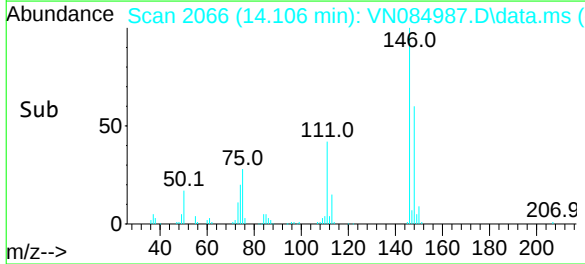
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:146 Resp: 82352
Ion Ratio Lower Upper
146 100
111 43.2 22.4 67.0
148 63.1 32.6 98.0

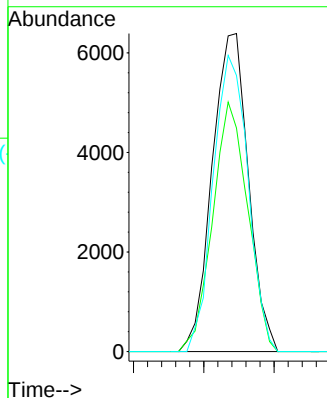
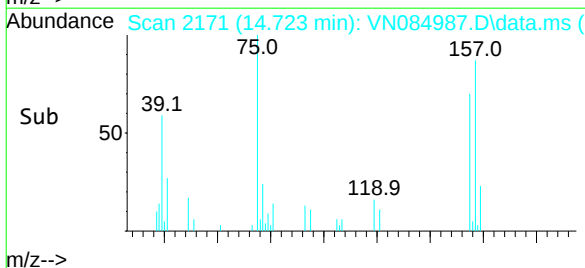
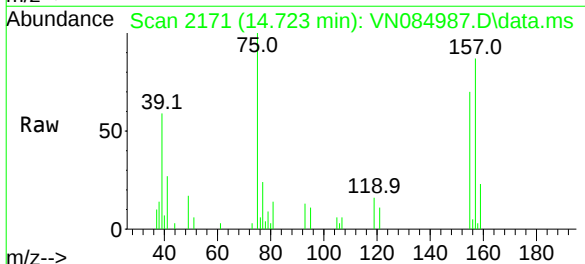
Manual Integrations
APPROVED

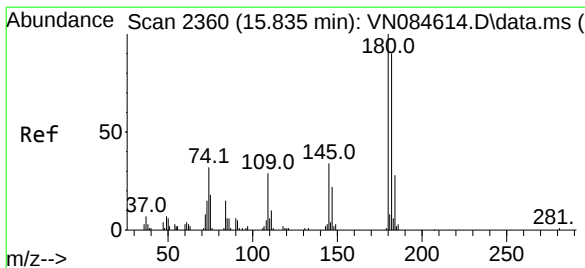
Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.322 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN084987.D
Acq: 21 Nov 2024 10:09

Tgt Ion: 75 Resp: 11448
Ion Ratio Lower Upper
75 100
155 75.9 61.8 92.6
157 89.5 74.7 112.1





#89

1,2,4-Trichlorobenzene

Concen: 17.542 ug/l

RT: 15.841 min Scan# 2360

Delta R.T. 0.006 min

Lab File: VN084987.D

Acq: 21 Nov 2024 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

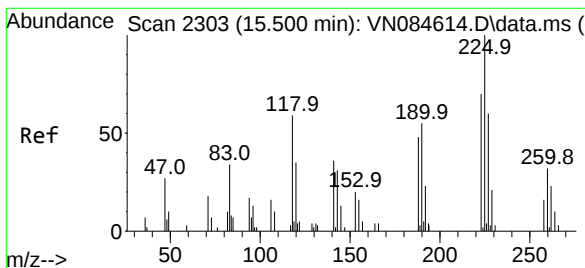
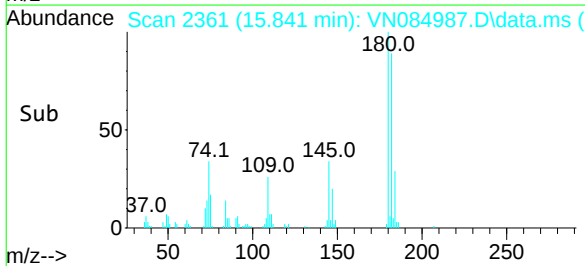
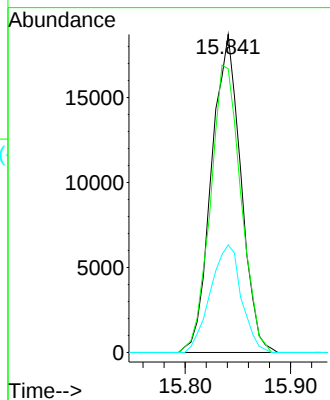
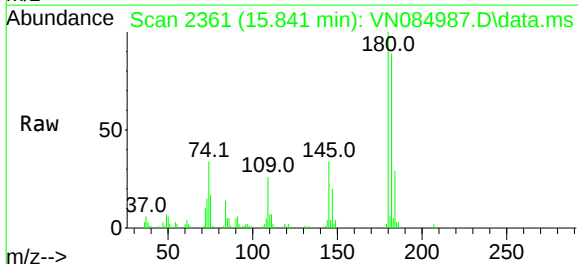
Tgt Ion:	180	Resp:	36162
Ion Ratio	Lower	Upper	
180	100		
182	94.0	73.0	109.6
145	35.7	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#90

Hexachlorobutadiene

Concen: 21.601 ug/l

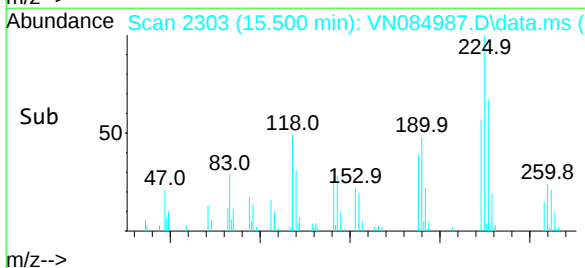
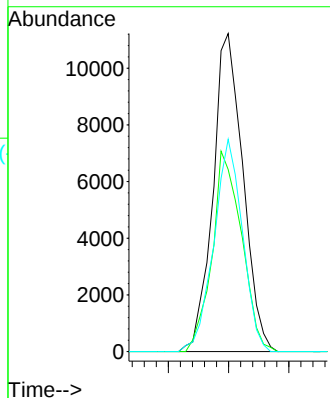
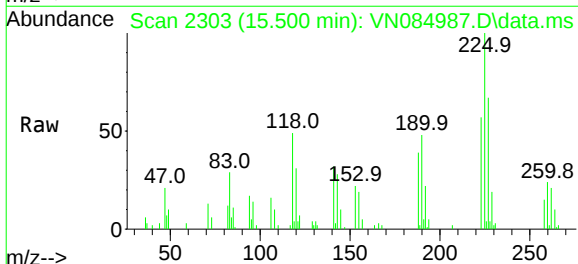
RT: 15.500 min Scan# 2303

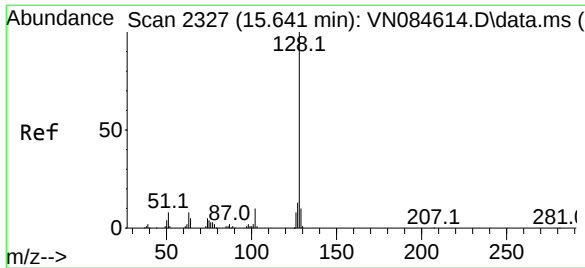
Delta R.T. -0.000 min

Lab File: VN084987.D

Acq: 21 Nov 2024 10:09

Tgt Ion:	225	Resp:	19451
Ion Ratio	Lower	Upper	
225	100		
223	61.6	0.0	138.8
227	63.6	0.0	123.2





#91

Naphthalene

Concen: 16.121 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN084987.D

Acq: 21 Nov 2024 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDC020

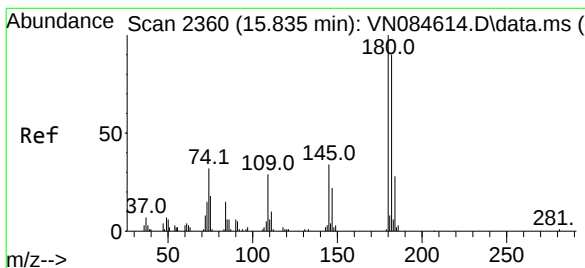
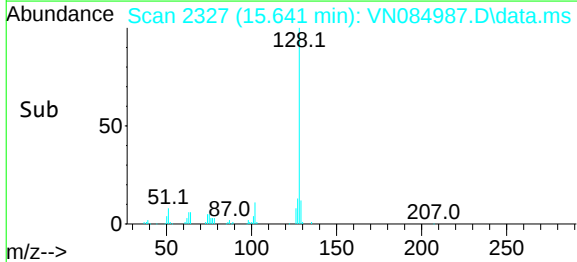
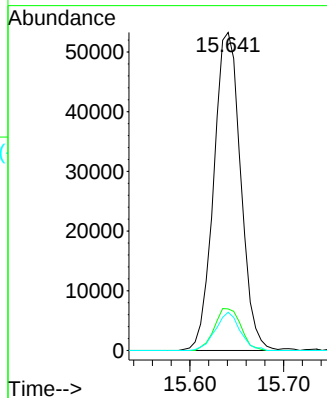
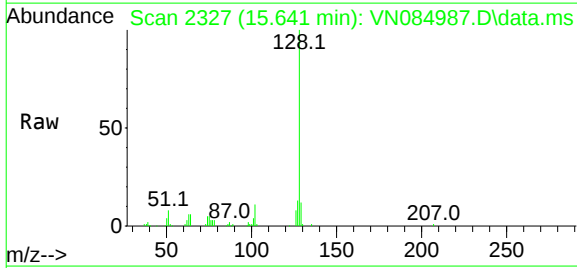
Tgt Ion:	128	Resp:	106129
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	11.0	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2024

Supervised By :Mahesh Dadoda 11/22/2024



#92

1,2,3-Trichlorobenzene

Concen: 17.542 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084987.D

Acq: 21 Nov 2024 10:09

Tgt Ion:	180	Resp:	36162
Ion Ratio	Lower	Upper	
180	100		
182	94.0	0.0	182.6
145	35.7	0.0	66.2

