

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
 Data File : VN084865.D
 Acq On : 14 Nov 2024 20:34
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2024
 Supervised By : Mahesh Dadoda 11/15/2024

Quant Time: Nov 15 00:55:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	154458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	257560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127253	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.571	65	118263	53.011	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.020%
35) Dibromofluoromethane	8.159	113	95481	54.768	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.540%
50) Toluene-d8	10.565	98	349403	54.407	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.820%
62) 4-Bromofluorobenzene	12.847	95	145577	60.654	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	121.300%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	90548	50.995	ug/l	97
3) Chloromethane	2.359	50	100510	48.147	ug/l	97
4) Vinyl Chloride	2.512	62	113020	59.180	ug/l	98
5) Bromomethane	2.901	94	57233	56.562	ug/l	95
6) Chloroethane	3.065	64	71759	61.008	ug/l #	88
7) Trichlorofluoromethane	3.465	101	188618	59.956	ug/l	99
8) Diethyl Ether	3.953	74	60031	54.094	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.353	101	98246	55.268	ug/l	97
10) Methyl Iodide	4.577	142	134346	56.548	ug/l	94
11) Tert butyl alcohol	5.547	59	81019	275.133	ug/l #	73
12) 1,1-Dichloroethene	4.330	96	93430	53.117	ug/l	99
13) Acrolein	4.171	56	83754	285.228	ug/l	98
14) Allyl chloride	5.006	41	149686	52.474	ug/l	94
15) Acrylonitrile	5.712	53	237530	278.633	ug/l	99
16) Acetone	4.430	43	175437	272.496	ug/l	99
17) Carbon Disulfide	4.700	76	249369	46.036	ug/l	98
18) Methyl Acetate	5.012	43	121426	51.720	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	320324	59.415	ug/l	97
20) Methylene Chloride	5.265	84	104193	53.103	ug/l	90
21) trans-1,2-Dichloroethene	5.777	96	96301	53.319	ug/l	96
22) Diisopropyl ether	6.665	45	311806	55.011	ug/l	96
23) Vinyl Acetate	6.594	43	1121677	286.962	ug/l	99
24) 1,1-Dichloroethane	6.559	63	184283	54.153	ug/l	97
25) 2-Butanone	7.483	43	295027	283.466	ug/l	99
26) 2,2-Dichloropropane	7.488	77	163764	55.291	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	117705	55.812	ug/l	96
28) Bromochloromethane	7.806	49	68374	50.431	ug/l	93
29) Tetrahydrofuran	7.835	42	193866	280.773	ug/l	93
30) Chloroform	7.959	83	194689	56.209	ug/l	99
31) Cyclohexane	8.253	56	155622	50.527	ug/l	97
32) 1,1,1-Trichloroethane	8.159	97	179419	56.913	ug/l	96
36) 1,1-Dichloropropene	8.371	75	132597	54.841	ug/l	99
37) Ethyl Acetate	7.559	43	121066	55.188	ug/l	98
38) Carbon Tetrachloride	8.359	117	155935	57.700	ug/l	98
39) Methylcyclohexane	9.594	83	148163	60.236	ug/l	99
40) Benzene	8.600	78	421218	54.247	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	68289	57.888	ug/l	95
42) 1,2-Dichloroethane	8.665	62	142990	56.862	ug/l	98
43) Isopropyl Acetate	8.688	43	229159	56.674	ug/l	98
44) Trichloroethene	9.347	130	99486	55.555	ug/l	100
45) 1,2-Dichloropropane	9.618	63	102946	56.518	ug/l	98
46) Dibromomethane	9.706	93	71318	55.488	ug/l	95
47) Bromodichloromethane	9.882	83	154237	56.929	ug/l	99
48) Methyl methacrylate	9.677	41	99110	58.051	ug/l	93
49) 1,4-Dioxane	9.694	88	34687	1146.518	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	614537	293.862	ug/l	97
52) Toluene	10.629	92	265421	58.447	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	153923	54.885	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	168017	56.606	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	97165	56.801	ug/l	94
56) Ethyl methacrylate	10.871	69	159650	64.522	ug/l	93
57) 1,3-Dichloropropane	11.159	76	165453	56.356	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	355001	306.608	ug/l	96
59) 2-Hexanone	11.194	43	461617	303.260	ug/l	96
60) Dibromochloromethane	11.359	129	116037	59.518	ug/l	100
61) 1,2-Dibromoethane	11.465	107	100560	57.406	ug/l	99
64) Tetrachloroethene	11.100	164	86588	56.004	ug/l	94
65) Chlorobenzene	11.888	112	276751	53.221	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	98202	54.293	ug/l	98
67) Ethyl Benzene	11.959	91	499412	57.536	ug/l	99
68) m/p-Xylenes	12.065	106	374085	113.836	ug/l	97
69) o-Xylene	12.394	106	182822	59.471	ug/l	100
70) Styrene	12.406	104	306221	57.103	ug/l	99
71) Bromoform	12.576	173	80205	58.930	ug/l #	98
73) Isopropylbenzene	12.694	105	467384	52.412	ug/l	99
74) N-amyl acetate	12.494	43	191385	50.424	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	138860	46.651	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	118128m	46.439	ug/l	
77) Bromobenzene	12.976	156	112278	46.835	ug/l	94
78) n-propylbenzene	13.035	91	531105	50.824	ug/l	98
79) 2-Chlorotoluene	13.123	91	336578	49.293	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	406718	55.028	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	50051	46.680	ug/l	94
82) 4-Chlorotoluene	13.218	91	340721	47.416	ug/l	98
83) tert-Butylbenzene	13.435	119	338748	55.378	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	415241	54.434	ug/l	98
85) sec-Butylbenzene	13.612	105	454969	52.655	ug/l	99
86) p-Isopropyltoluene	13.729	119	391835	55.294	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	213302	45.591	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	209673	48.842	ug/l	100
89) n-Butylbenzene	14.053	91	321843	48.553	ug/l	99
90) Hexachloroethane	14.329	117	73957	46.799	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	203509	45.267	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27899	46.266	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	105910	43.040	ug/l	99
94) Hexachlorobutadiene	15.500	225	47212	43.689	ug/l	97
95) Naphthalene	15.641	128	347298	47.152	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	103679	43.403	ug/l	100

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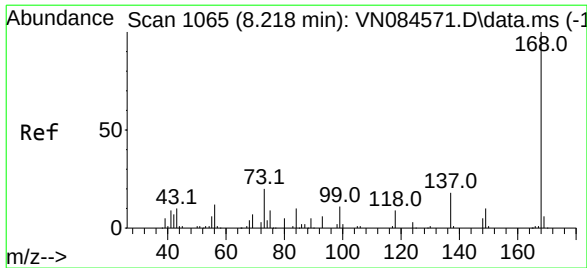
Manual Integrations
APPROVED

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QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

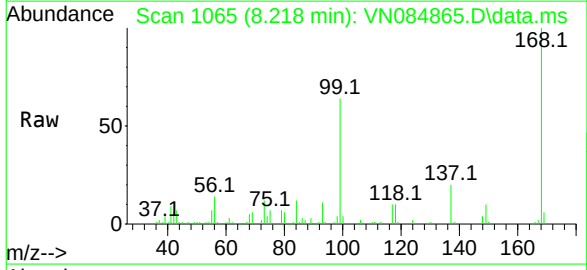
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

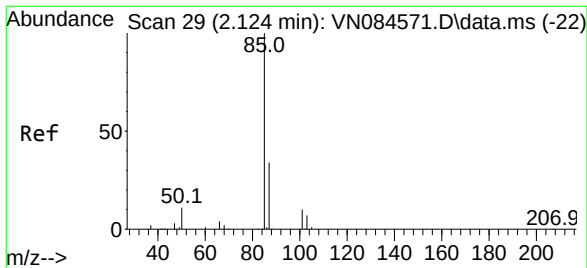
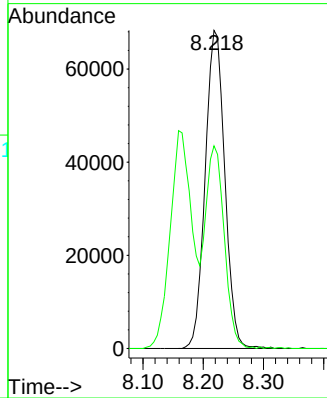
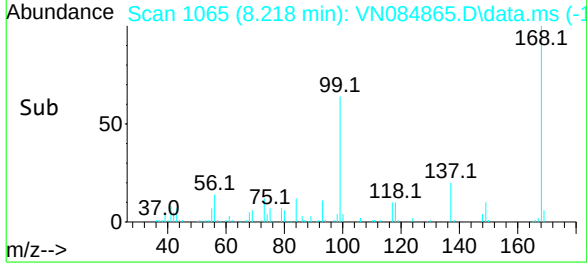
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 154458
Ion Ratio Lower Upper
168 100
99 63.5 54.2 81.2

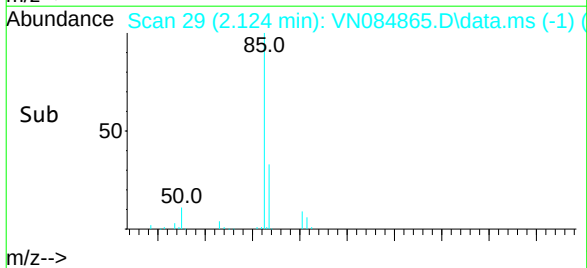
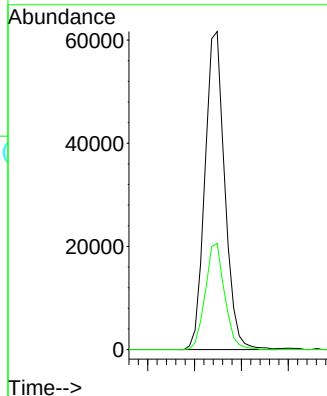
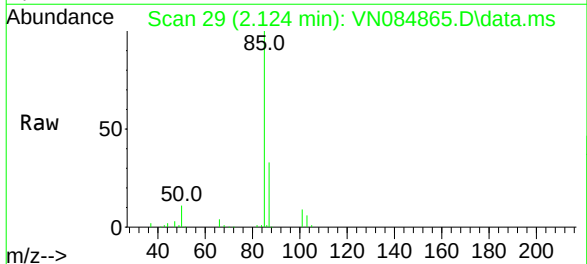
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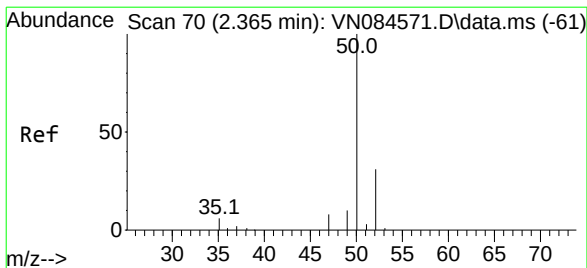
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#2
Dichlorodifluoromethane
Concen: 50.995 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Tgt Ion: 85 Resp: 90548
Ion Ratio Lower Upper
85 100
87 33.4 17.6 52.9





#3

Chloromethane

Concen: 48.147 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 100510

Ion Ratio Lower Upper

50 100

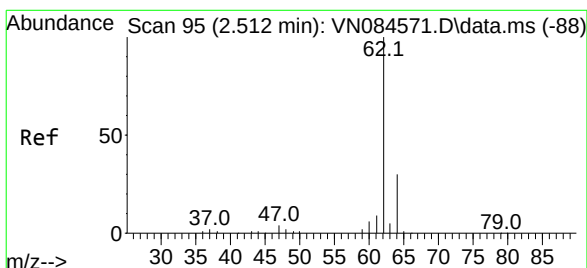
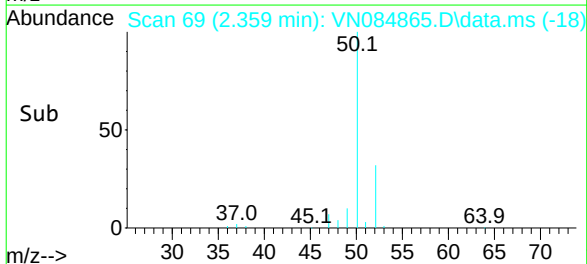
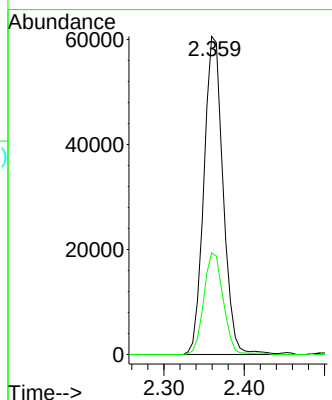
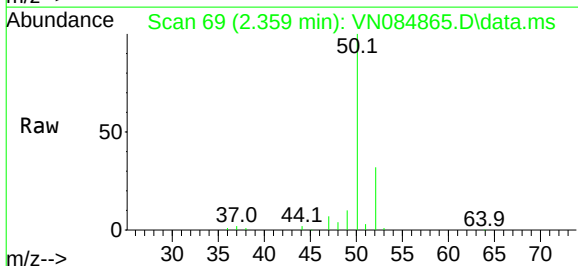
52 31.9 26.8 40.2

Manual Integrations

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Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#4

Vinyl Chloride

Concen: 59.180 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN084865.D

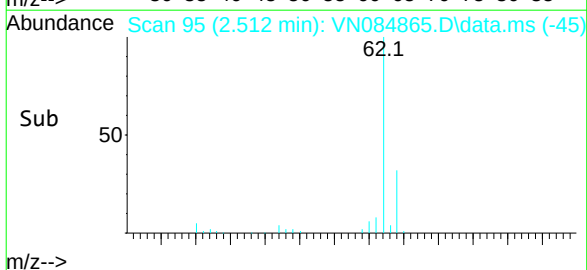
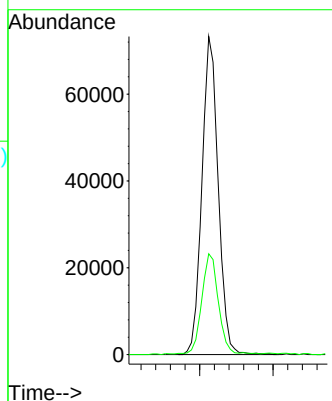
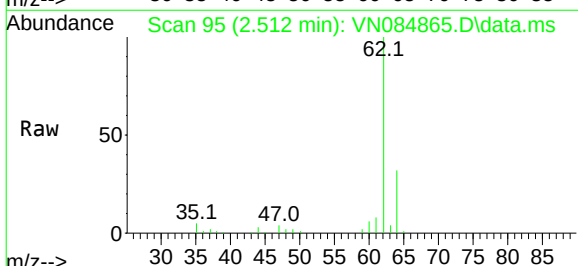
Acq: 14 Nov 2024 20:34

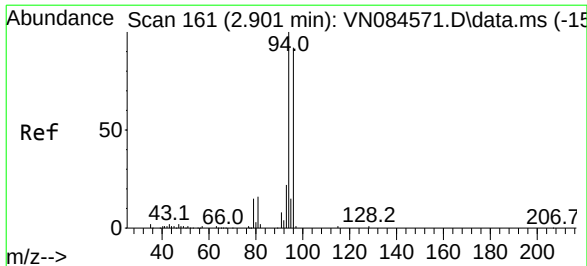
Tgt Ion: 62 Resp: 113020

Ion Ratio Lower Upper

62 100

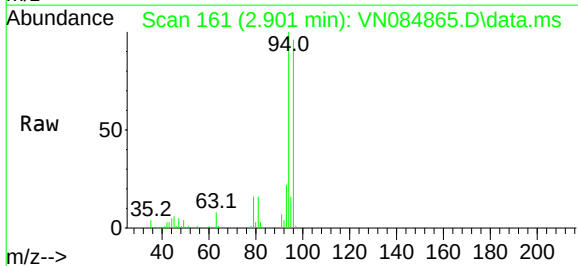
64 31.4 26.2 39.4





#5
Bromomethane
Concen: 56.562 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.052 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

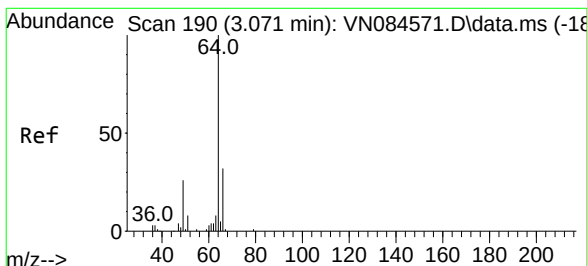
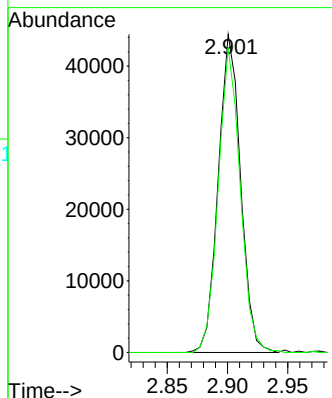
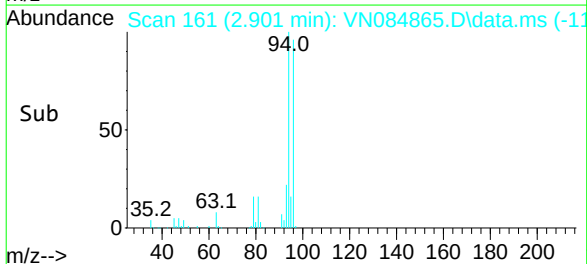
Instrument :
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Tgt Ion: 94 Resp: 57233
Ion Ratio Lower Upper
94 100
96 95.9 72.9 109.3

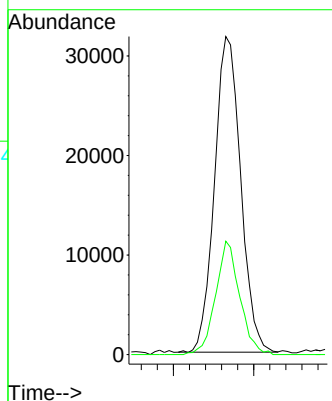
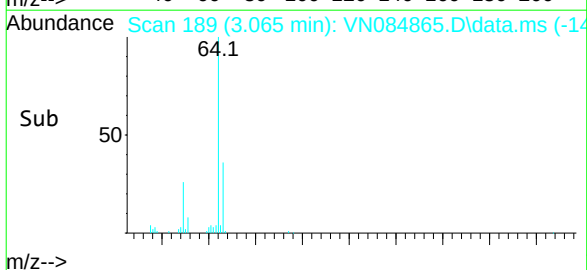
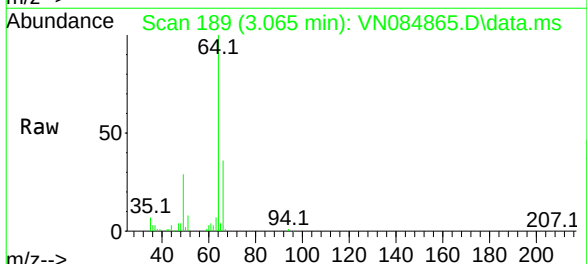
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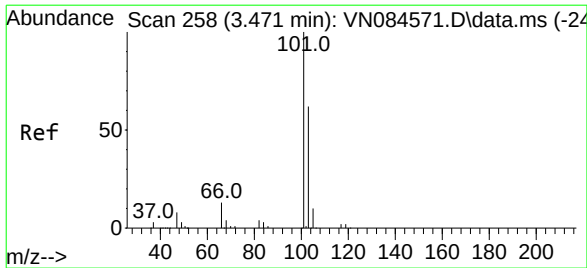
Reviewed By :John Carlone 11/15/2024
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#6
Chloroethane
Concen: 61.008 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.053 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

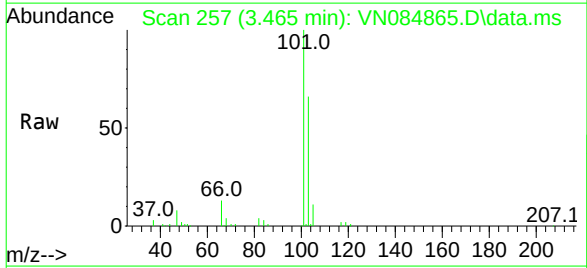
Tgt Ion: 64 Resp: 71759
Ion Ratio Lower Upper
64 100
66 35.9 23.5 35.3#





#7
Trichlorofluoromethane
Concen: 59.956 ug/l
RT: 3.465 min Scan# 258
Delta R.T. -0.030 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

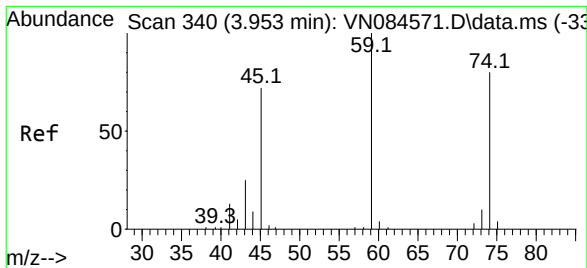
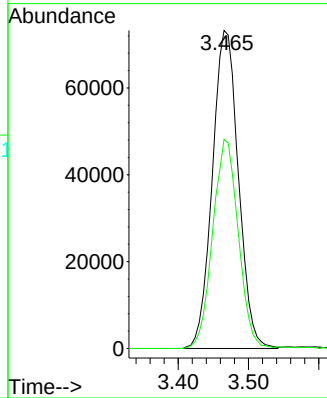
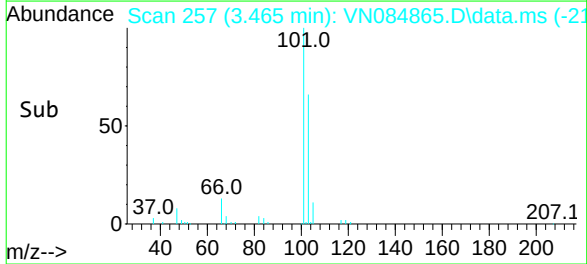
Instrument :
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VSTDCCC050EC



Tgt Ion: 101 Resp: 188618
Ion Ratio Lower Upper
101 100
103 65.8 51.8 77.6

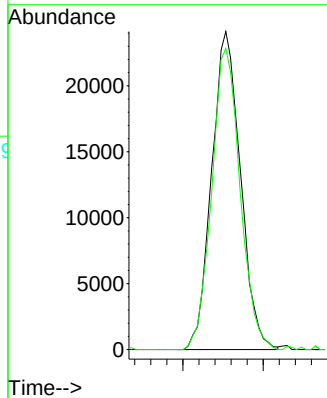
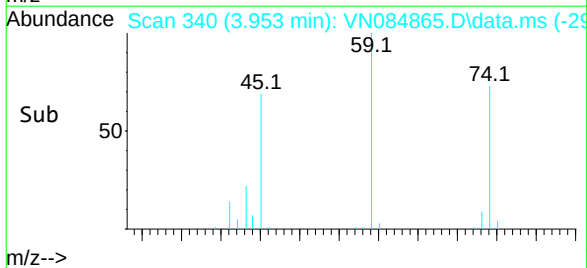
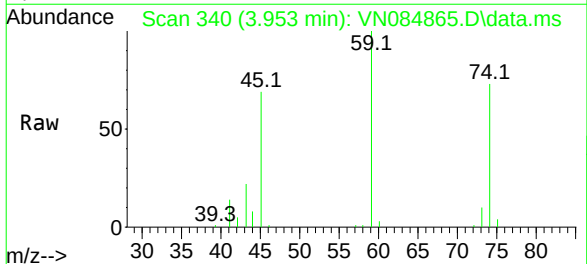
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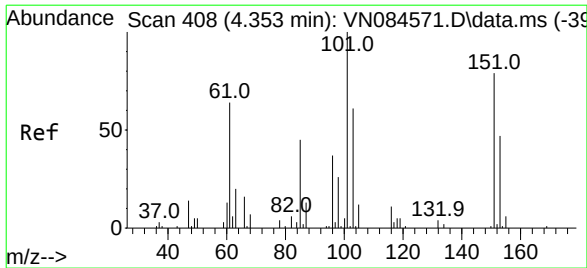
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#8
Diethyl Ether
Concen: 54.094 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

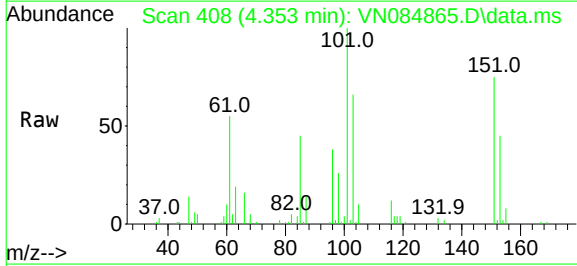
Tgt Ion: 74 Resp: 60031
Ion Ratio Lower Upper
74 100
45 93.7 47.7 143.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.268 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.018 min
Lab File: VN084865.D
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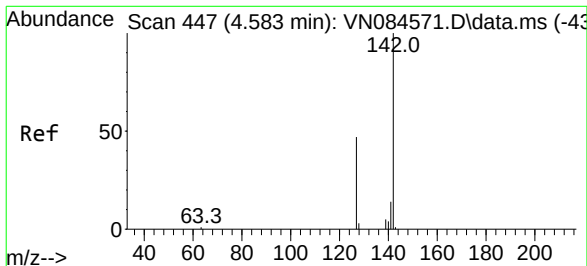
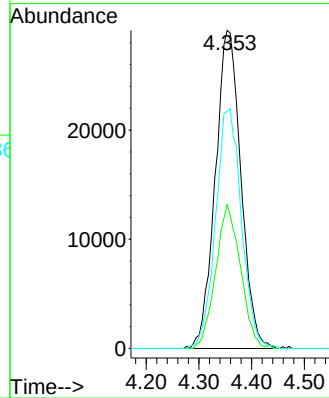
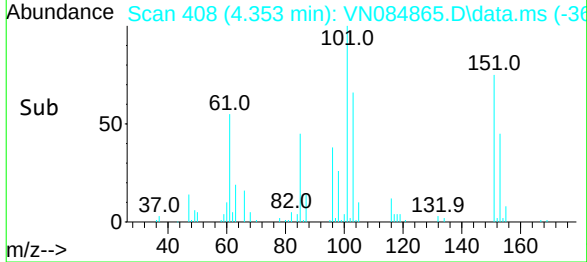
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 98246
Ion Ratio Lower Upper
101 100
85 43.8 36.2 54.4
151 76.4 59.3 88.9

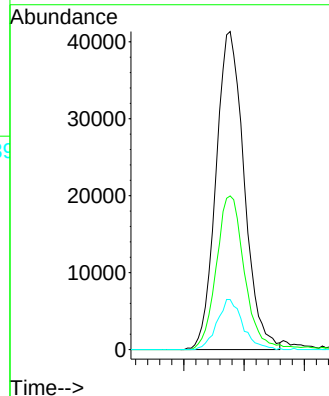
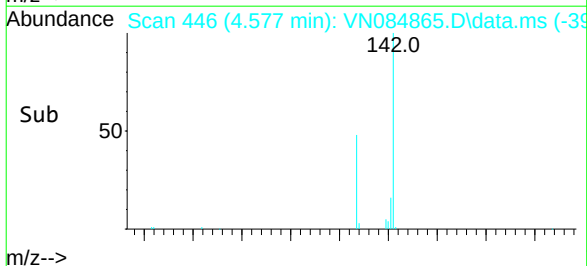
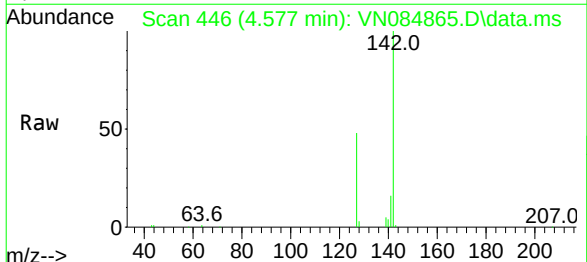
Manual Integrations
APPROVED

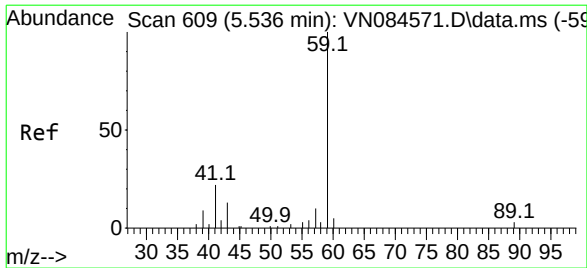
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#10
Methyl Iodide
Concen: 56.548 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.018 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Tgt Ion:142 Resp: 134346
Ion Ratio Lower Upper
142 100
127 48.3 35.3 52.9
141 15.7 11.0 16.6





#11

Tert butyl alcohol

Concen: 275.133 ug/l

RT: 5.547 min Scan# 611

Delta R.T. 0.024 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 81019

Ion Ratio Lower Upper

59 100

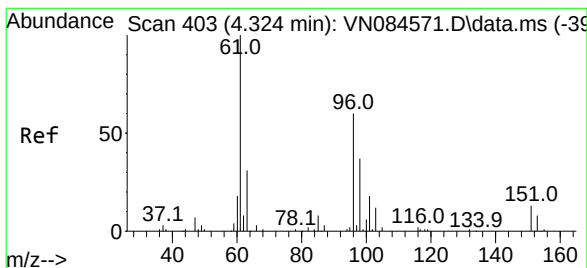
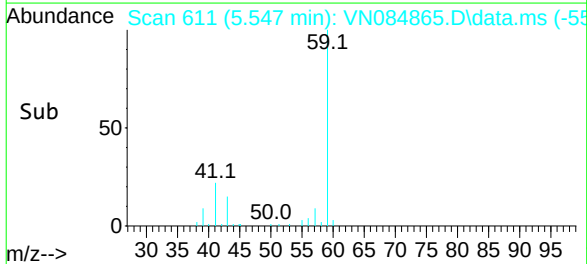
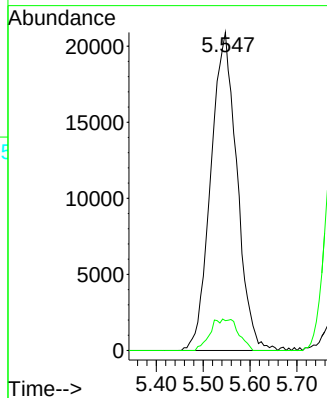
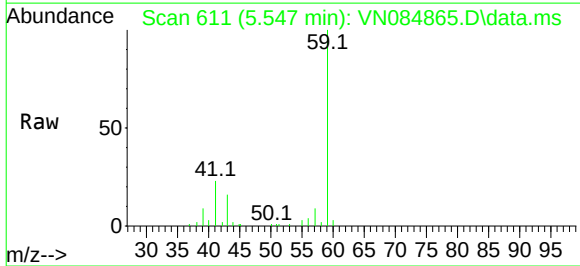
57 0.0 8.2 12.2#

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#12

1,1-Dichloroethene

Concen: 53.117 ug/l

RT: 4.330 min Scan# 404

Delta R.T. -0.012 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

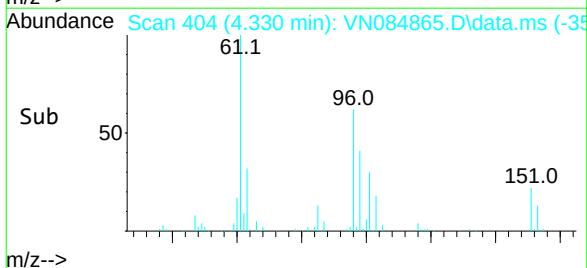
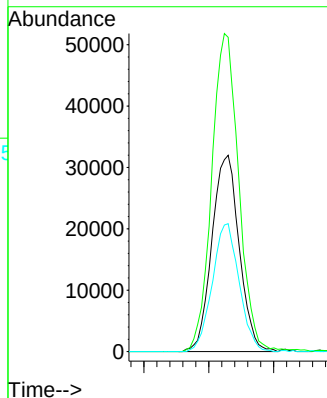
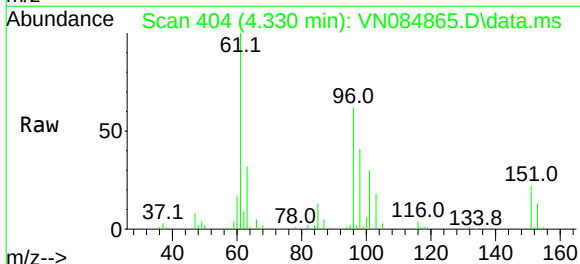
Tgt Ion: 96 Resp: 93430

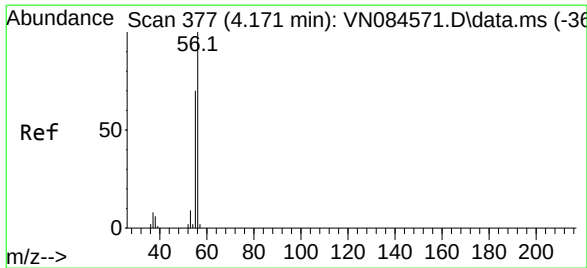
Ion Ratio Lower Upper

96 100

61 160.1 128.6 192.8

98 65.2 51.7 77.5





#13

Acrolein

Concen: 285.228 ug/l

RT: 4.171 min Scan# 37

Delta R.T. -0.006 min

Lab File: VN084865.D

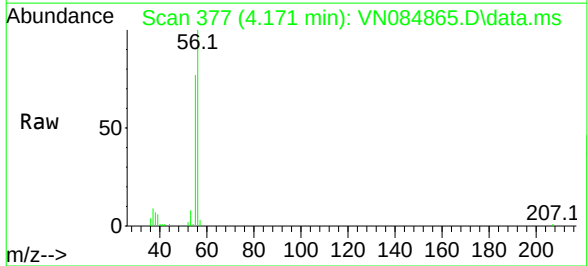
Acq: 14 Nov 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 83754

Ion Ratio Lower Upper

56 100

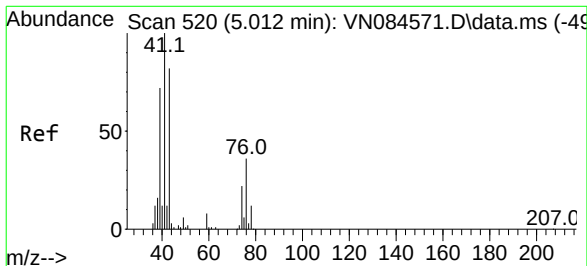
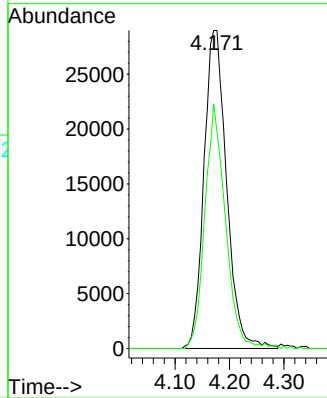
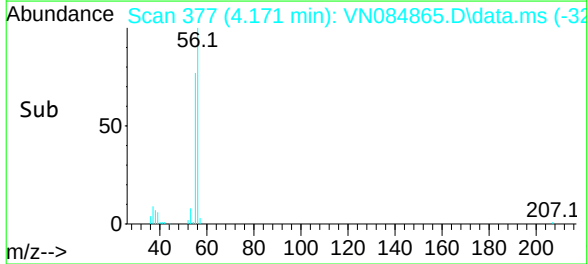
55 69.9 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#14

Allyl chloride

Concen: 52.474 ug/l

RT: 5.006 min Scan# 519

Delta R.T. -0.018 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

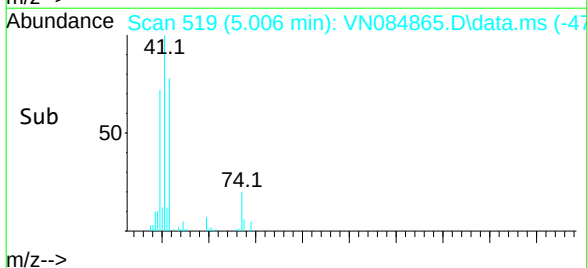
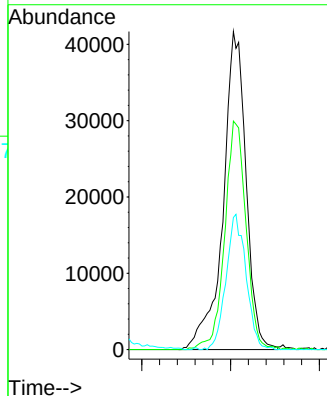
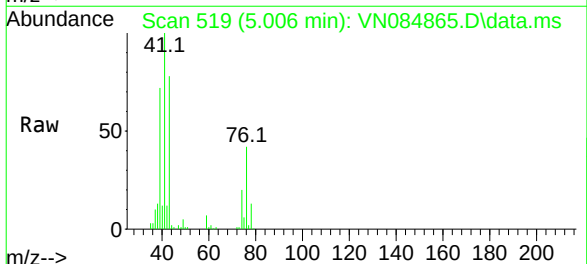
Tgt Ion: 41 Resp: 149686

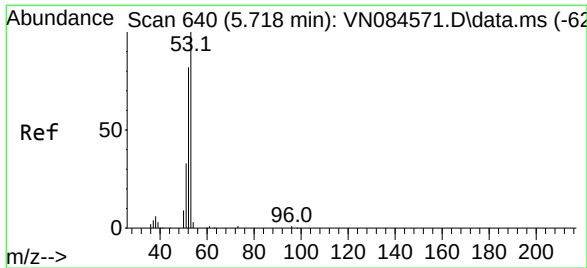
Ion Ratio Lower Upper

41 100

39 66.6 59.0 88.6

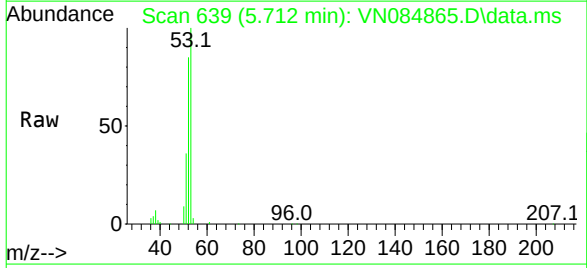
76 37.2 29.8 44.6





#15
Acrylonitrile
Concen: 278.633 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

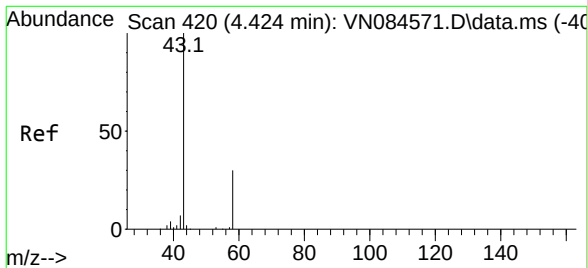
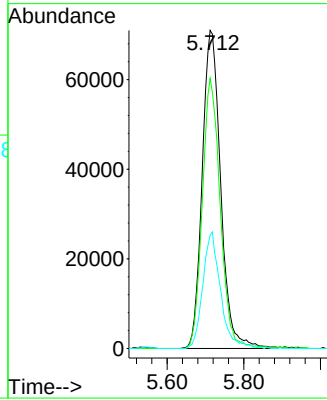
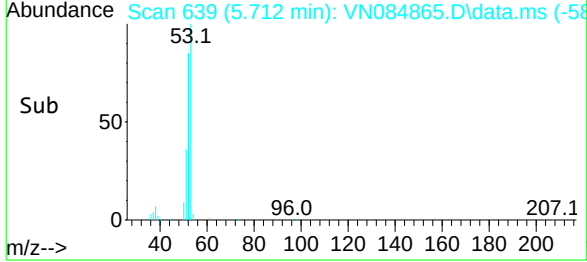
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



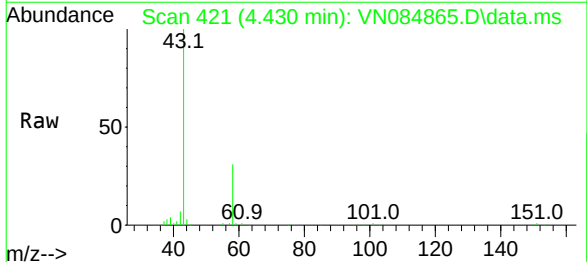
Tgt Ion: 53 Resp: 237536
Ion Ratio Lower Upper
53 100
52 82.2 66.2 99.4
51 35.2 28.8 43.2

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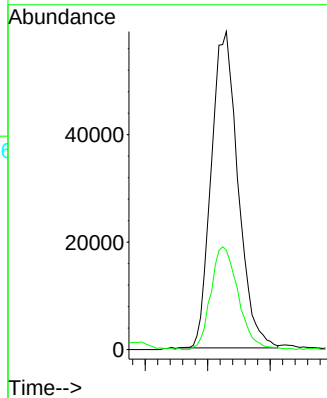
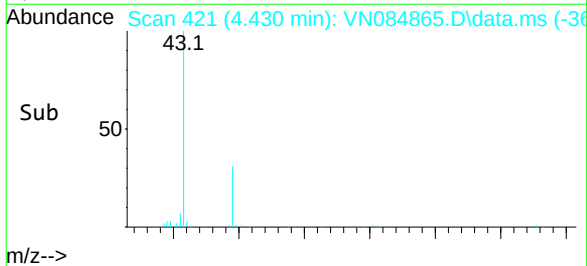
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024

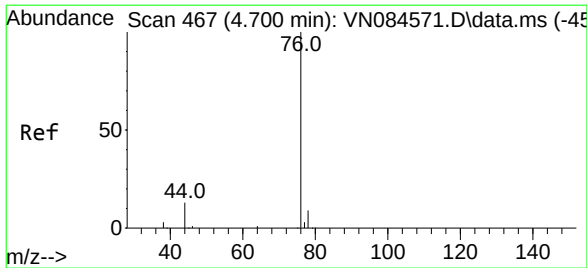


#16
Acetone
Concen: 272.496 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34



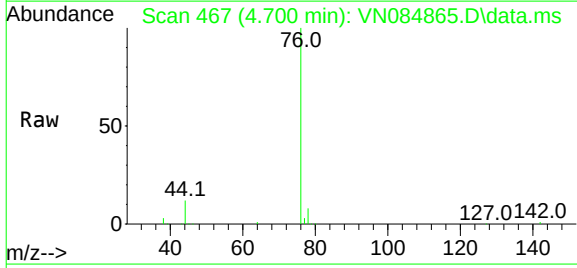
Tgt Ion: 43 Resp: 175437
Ion Ratio Lower Upper
43 100
58 30.9 24.4 36.6





#17
Carbon Disulfide
Concen: 46.036 ug/l
RT: 4.700 min Scan# 46
Delta R.T. -0.012 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

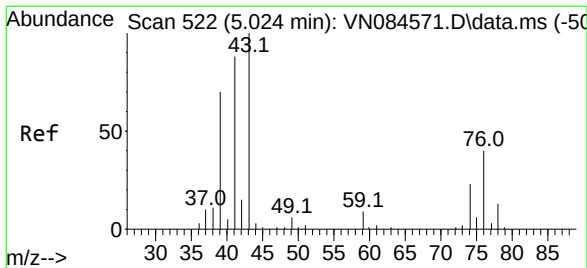
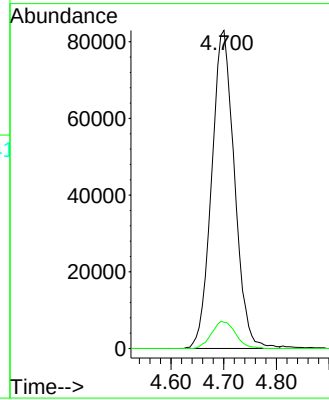
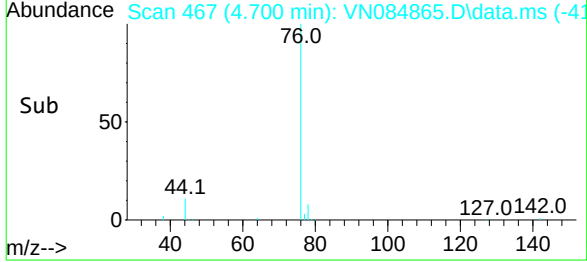
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 249369
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9

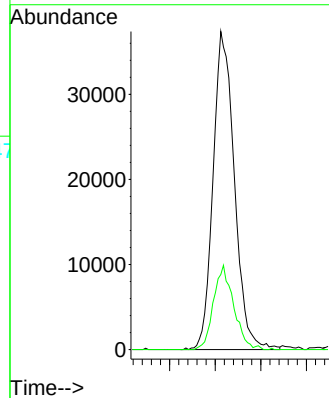
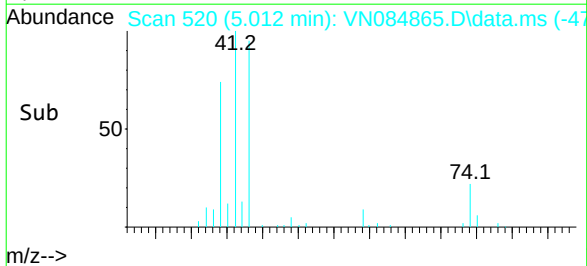
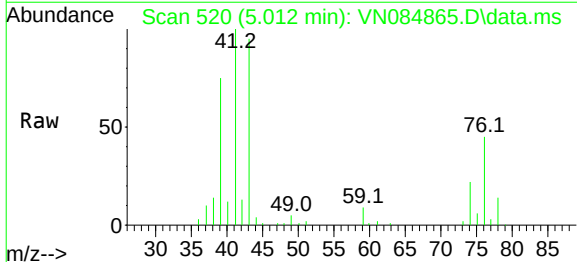
Manual Integrations
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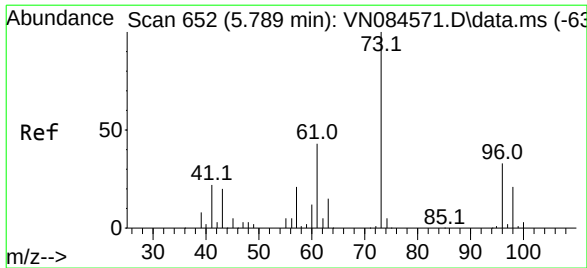
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#18
Methyl Acetate
Concen: 51.720 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Tgt Ion: 43 Resp: 121426
Ion Ratio Lower Upper
43 100
74 25.0 19.2 28.8





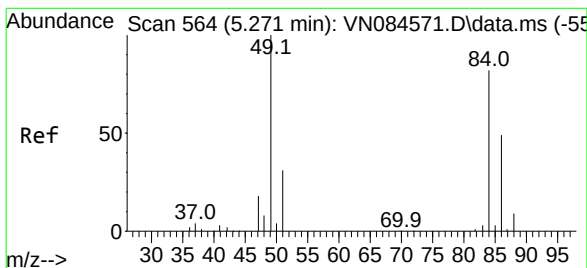
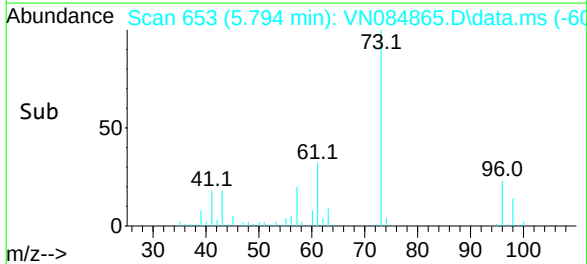
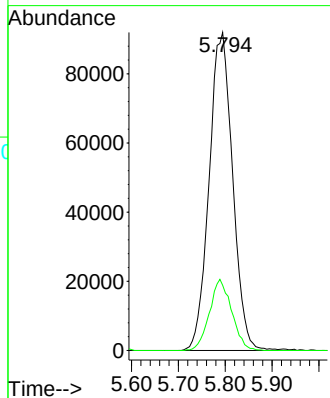
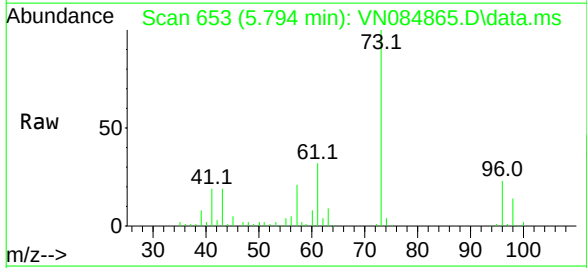
#19
Methyl tert-butyl Ether
Concen: 59.415 ug/l
RT: 5.794 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 320324
Ion Ratio Lower Upper
73 100
57 20.5 17.7 26.5

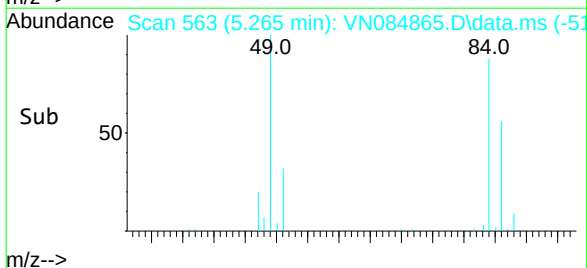
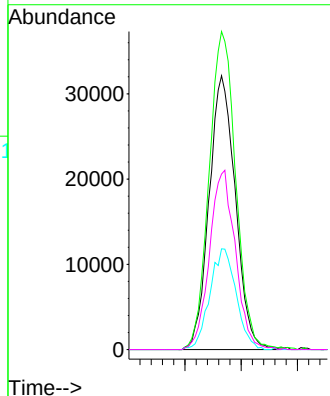
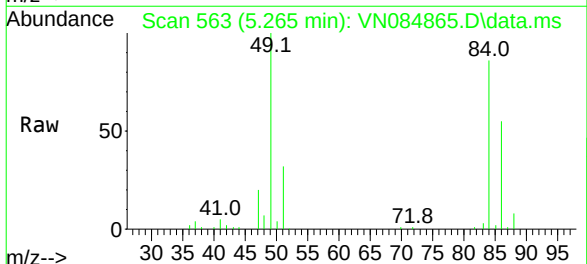
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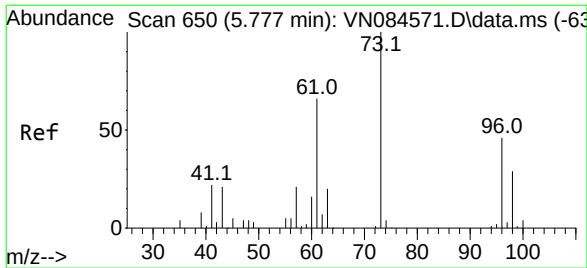
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#20
Methylene Chloride
Concen: 53.103 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

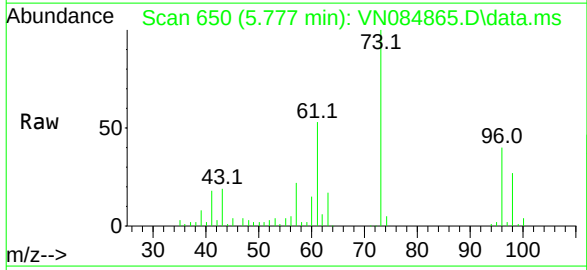
Tgt Ion: 84 Resp: 104193
Ion Ratio Lower Upper
84 100
49 116.2 107.2 160.8
51 36.8 31.8 47.8
86 64.1 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 53.319 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

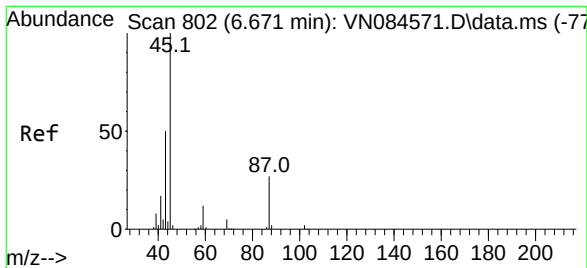
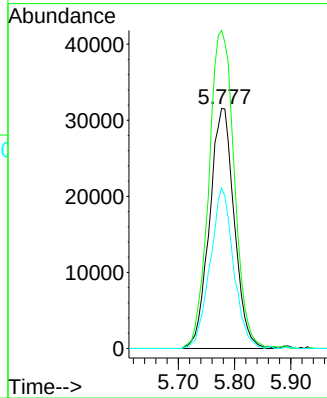
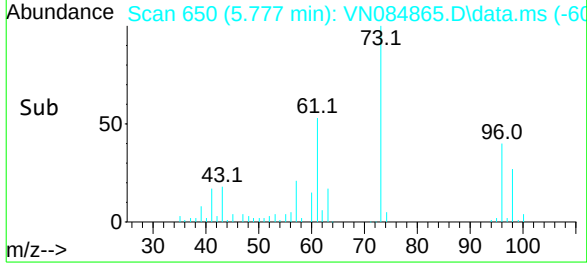
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	96	Resp:	96301
Ion	Ratio	Lower	Upper
96	100		
61	132.5	108.4	162.6
98	66.9	49.8	74.8

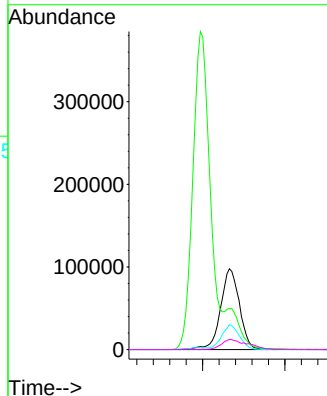
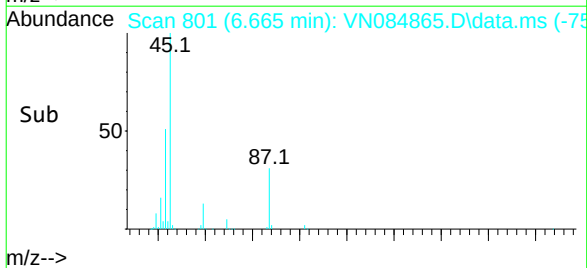
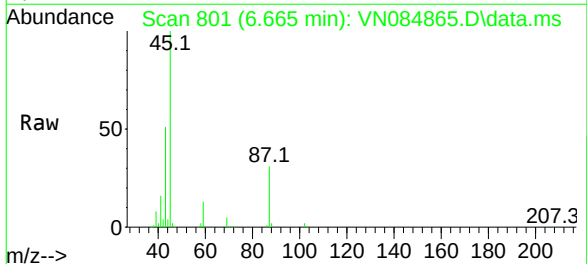
Manual Integrations
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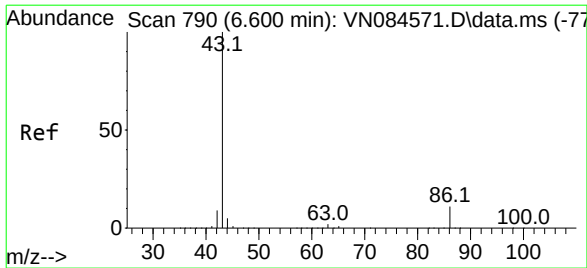
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#22
Diisopropyl ether
Concen: 55.011 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Tgt Ion:	45	Resp:	311806
Ion	Ratio	Lower	Upper
45	100		
43	50.2	42.3	63.5
87	30.9	21.8	32.6
59	12.5	9.6	14.4





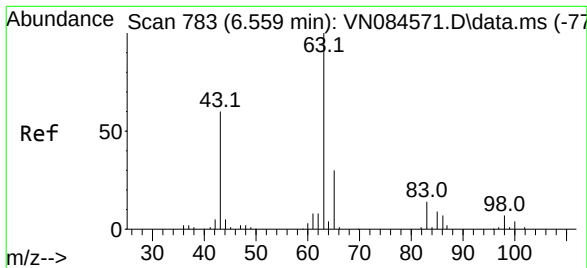
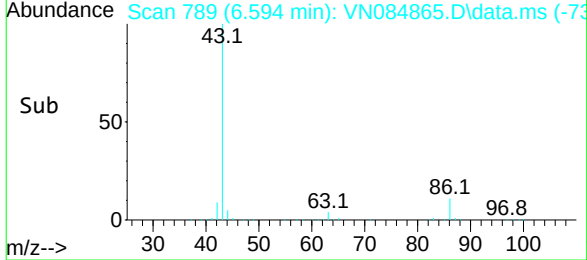
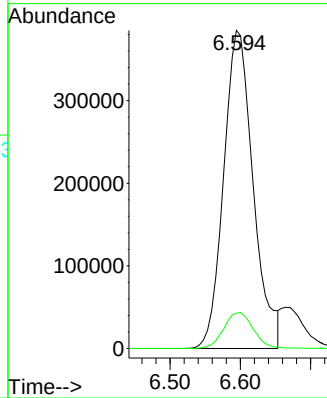
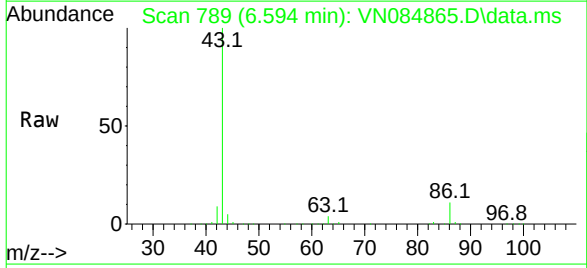
#23
 Vinyl Acetate
 Concen: 286.962 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN084865.D
 Acq: 14 Nov 2024 20:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1121677
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 12.8

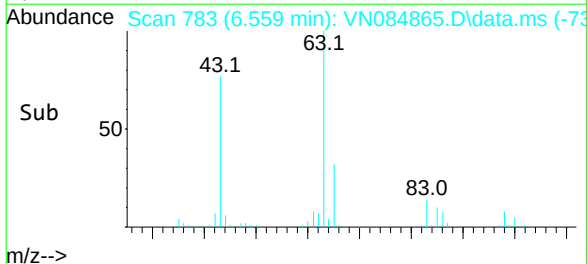
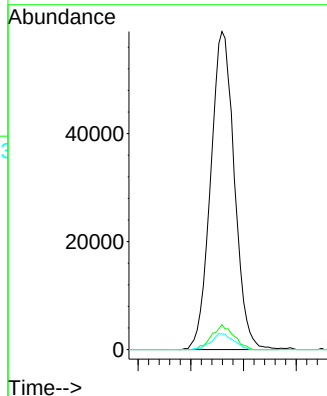
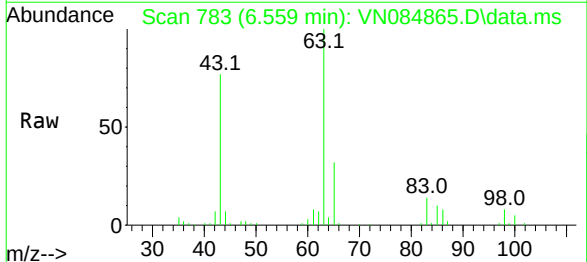
Manual Integrations
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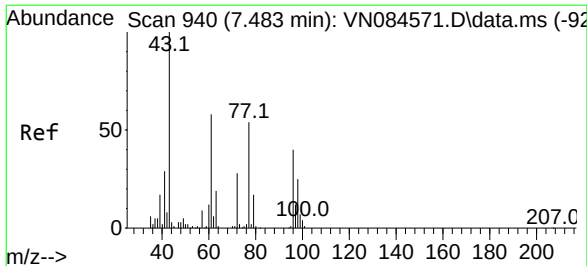
Reviewed By :John Carlone 11/15/2024
 Supervised By :Mahesh Dadoda 11/15/2024



#24
 1,1-Dichloroethane
 Concen: 54.153 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN084865.D
 Acq: 14 Nov 2024 20:34

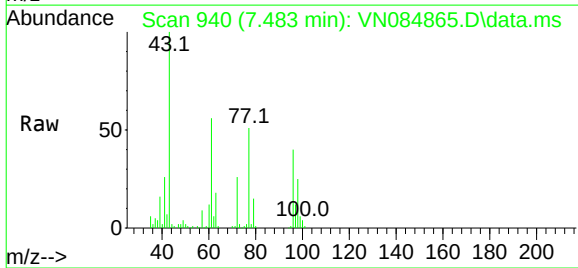
Tgt Ion: 63 Resp: 184283
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.4 10.2
 100 4.9 2.0 5.8





#25
2-Butanone
Concen: 283.466 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

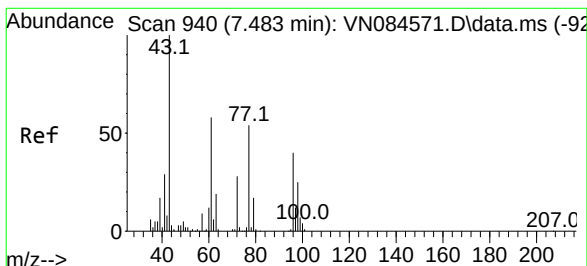
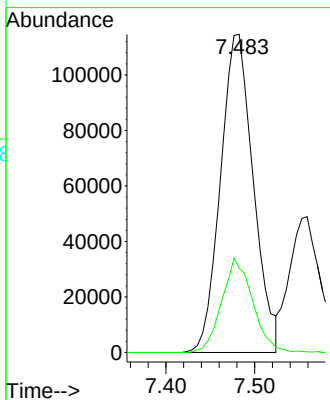
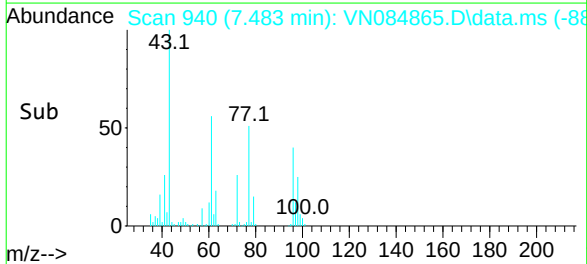
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



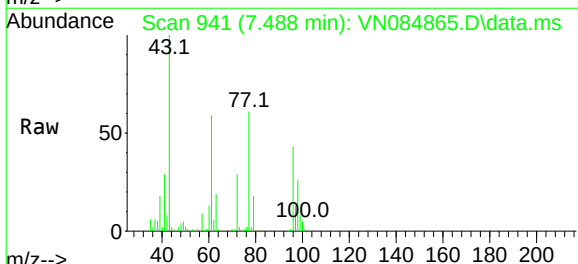
Tgt Ion: 43 Resp: 295027
Ion Ratio Lower Upper
43 100
72 26.5 21.4 32.2

Manual Integrations
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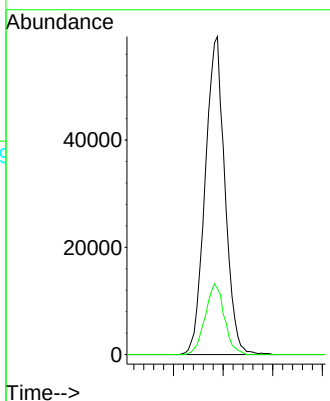
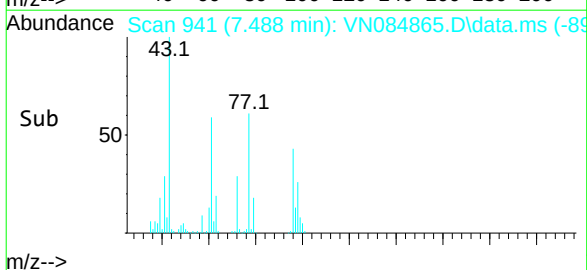
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024

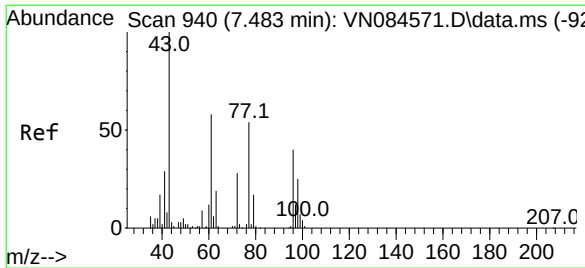


#26
2,2-Dichloropropane
Concen: 55.291 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34



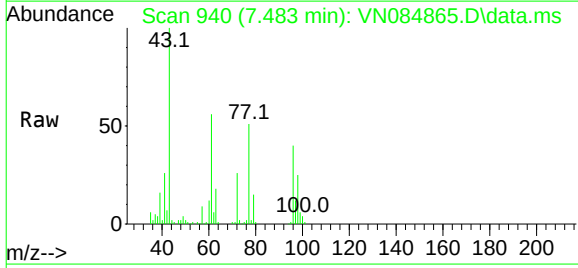
Tgt Ion: 77 Resp: 163764
Ion Ratio Lower Upper
77 100
97 21.6 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 55.812 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.006 min
 Lab File: VN084865.D
 Acq: 14 Nov 2024 20:34

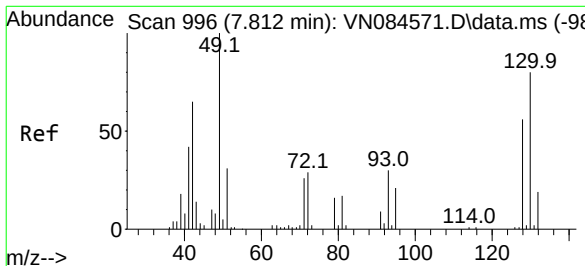
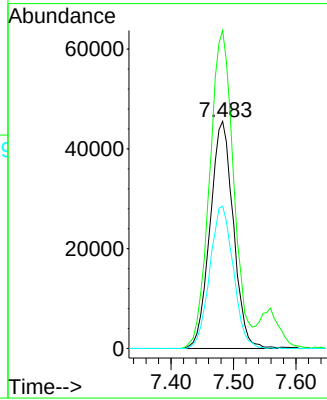
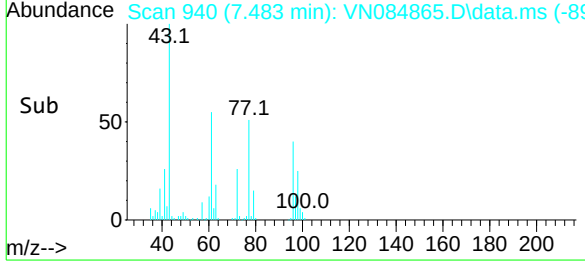
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 117705
 Ion Ratio Lower Upper
 96 100
 61 143.9 0.0 301.8
 98 63.5 0.0 128.2

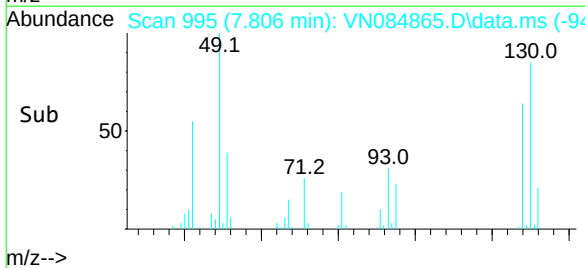
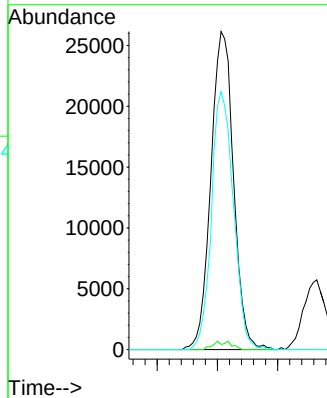
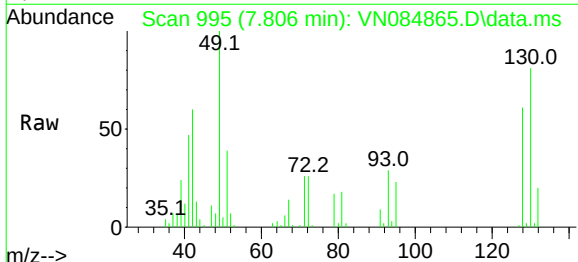
Manual Integrations
 APPROVED

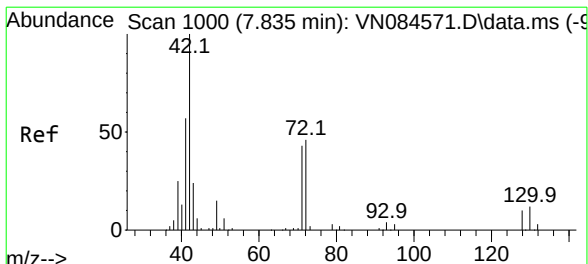
Reviewed By :John Carlone 11/15/2024
 Supervised By :Mahesh Dadoda 11/15/2024



#28
 Bromochloromethane
 Concen: 50.431 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN084865.D
 Acq: 14 Nov 2024 20:34

Tgt Ion: 49 Resp: 68374
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 78.6 58.0 87.0





#29
Tetrahydrofuran
Concen: 280.773 ug/l
RT: 7.835 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

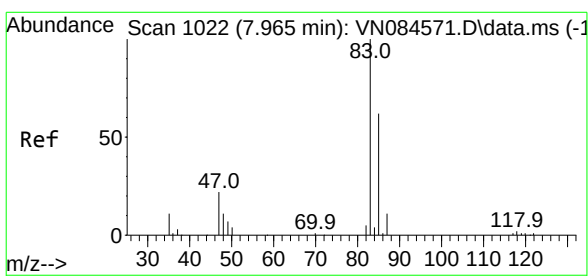
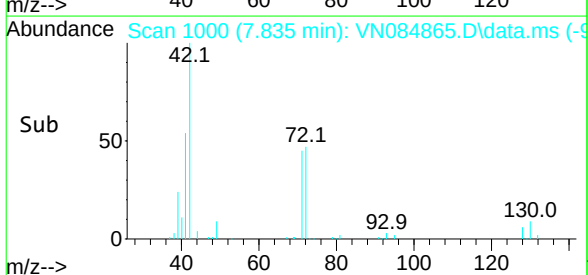
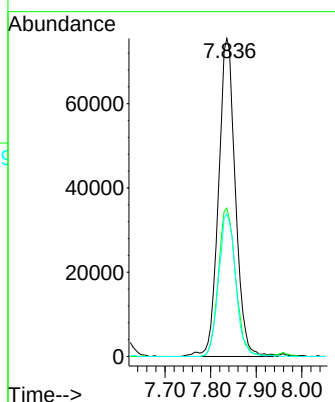
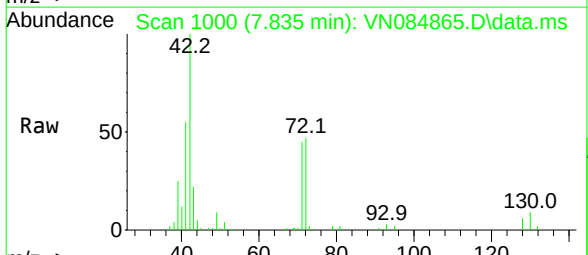
VSTDCCC050EC

Tgt Ion:	42	Resp:	193866
Ion	Ratio	Lower	Upper
42	100		
72	47.6	34.6	51.8
71	45.4	32.2	48.4

Manual Integrations

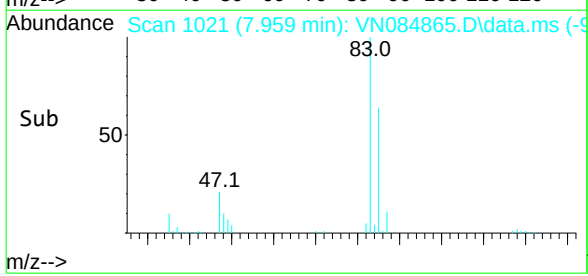
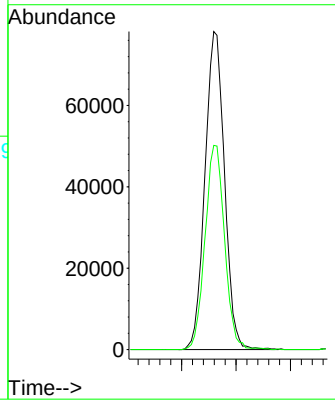
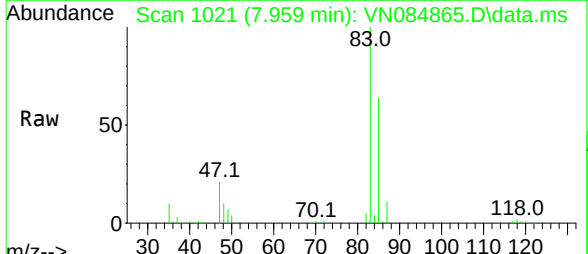
APPROVED

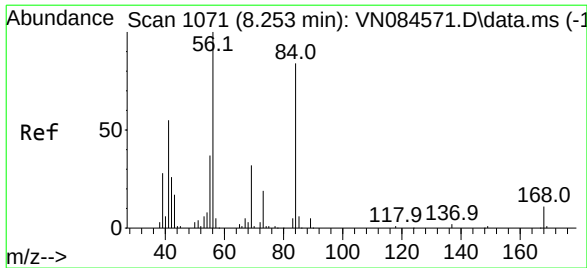
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#30
Chloroform
Concen: 56.209 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

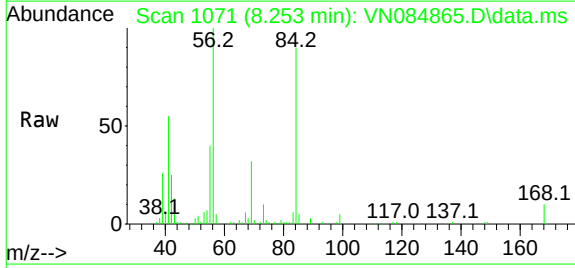
Tgt Ion:	83	Resp:	194689
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.0	76.4





#31
Cyclohexane
Concen: 50.527 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

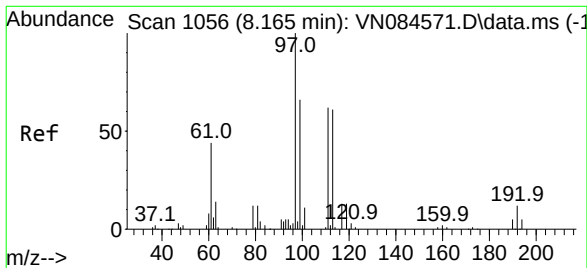
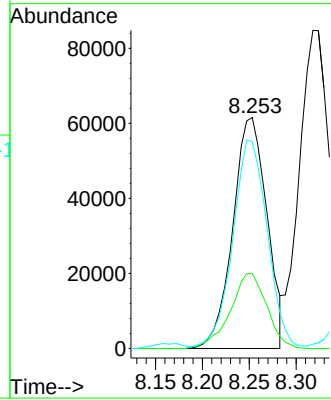
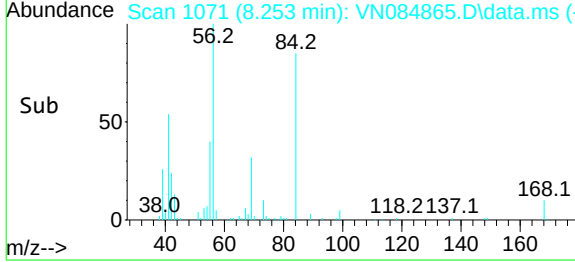
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 155622
Ion Ratio Lower Upper
56 100
69 32.4 23.8 35.6
84 87.9 68.8 103.2

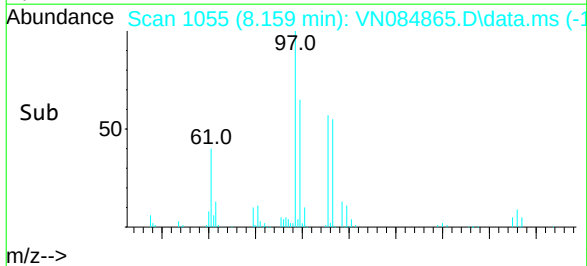
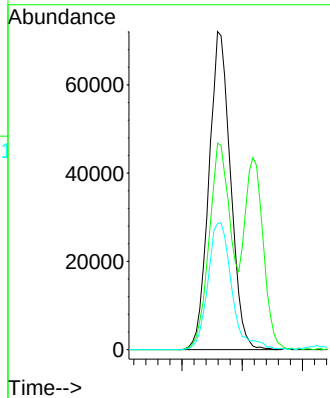
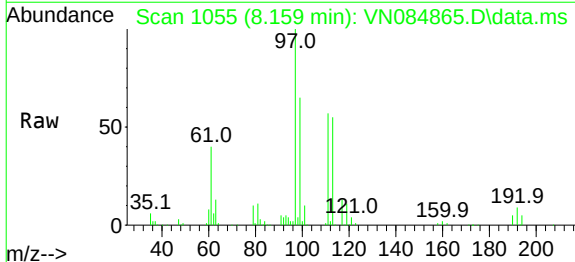
Manual Integrations
APPROVED

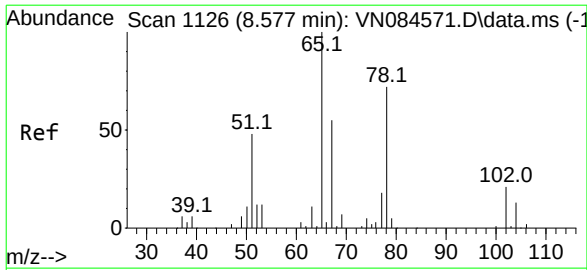
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#32
1,1,1-Trichloroethane
Concen: 56.913 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Tgt Ion: 97 Resp: 179419
Ion Ratio Lower Upper
97 100
99 66.6 51.2 76.8
61 44.1 37.5 56.3





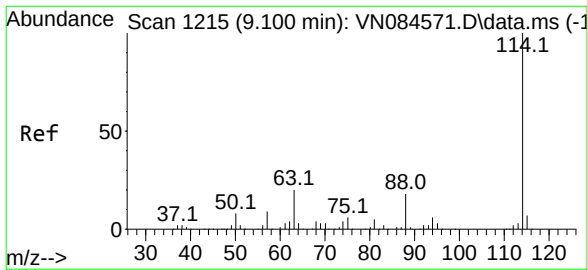
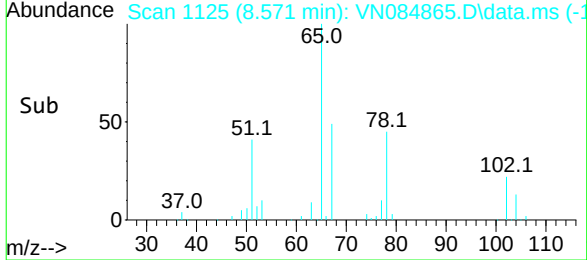
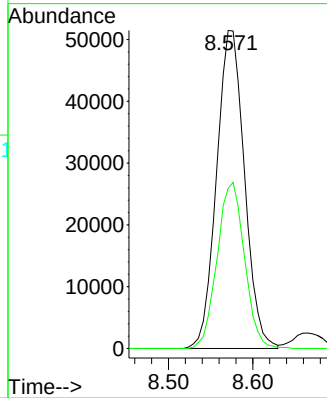
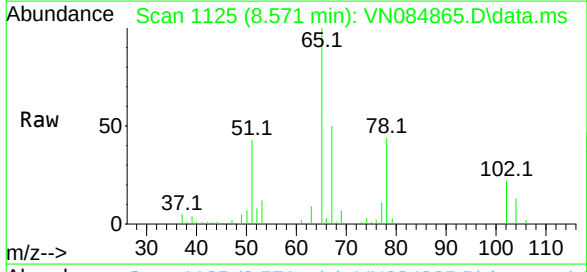
#33
1,2-Dichloroethane-d4
Concen: 53.011 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 118263
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.0

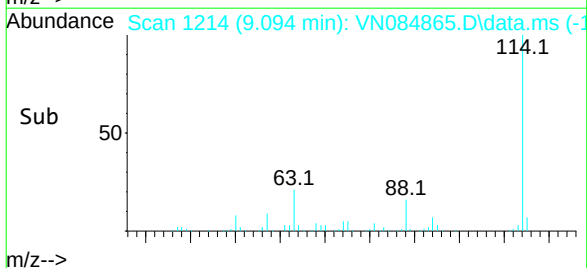
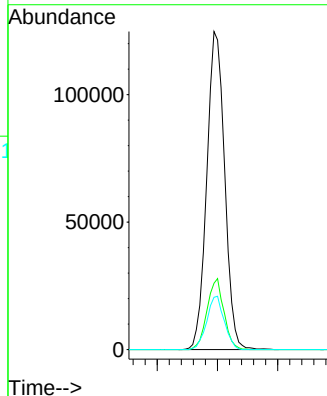
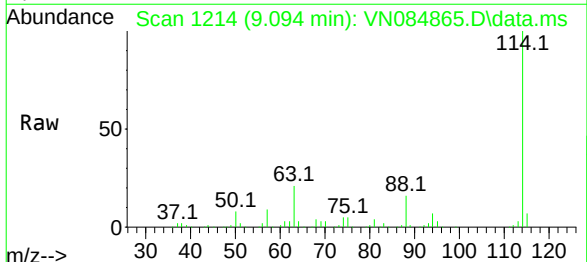
Manual Integrations
APPROVED

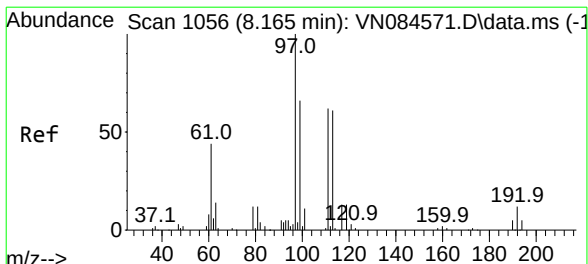
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Tgt Ion:114 Resp: 257560
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.8
88 16.4 0.0 31.6





#35
Dibromofluoromethane
Concen: 54.768 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Instrument :

MSVOA_N

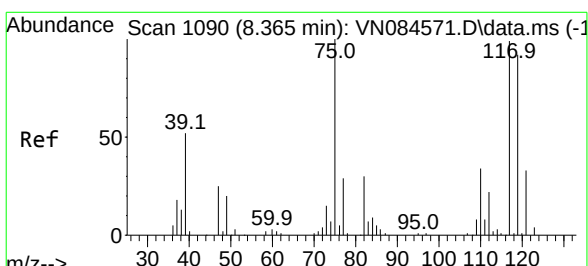
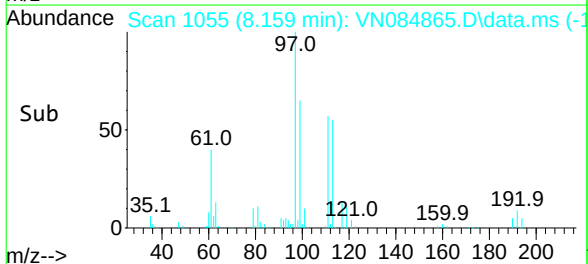
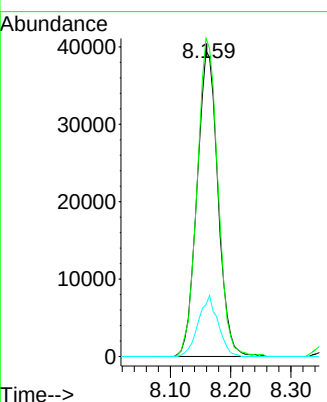
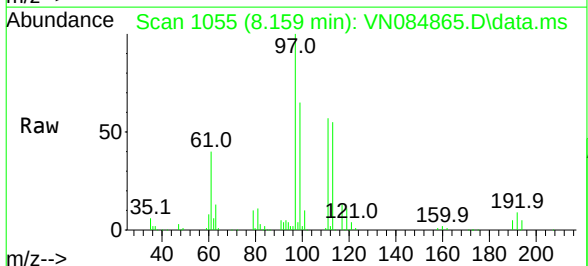
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	95481
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.3	124.9
192	18.8	13.5	20.3

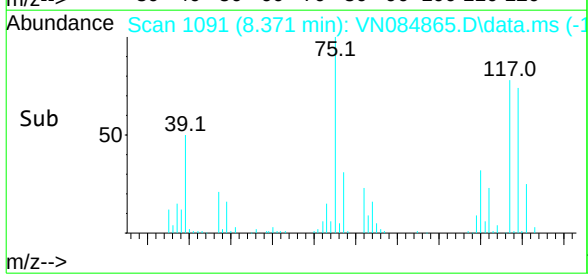
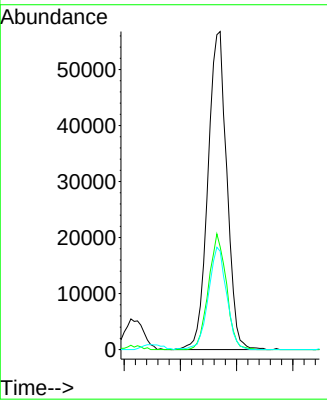
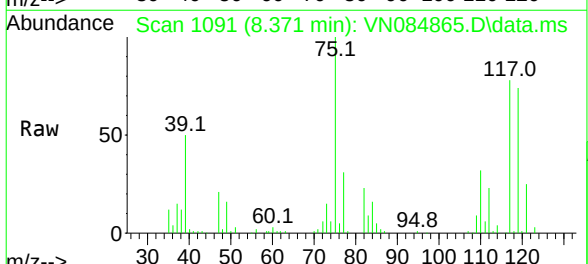
Manual Integrations
APPROVED

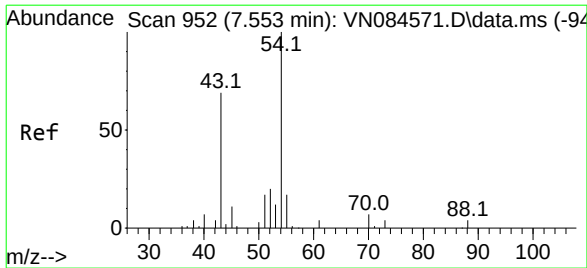
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#36
1,1-Dichloropropene
Concen: 54.841 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Tgt Ion:	75	Resp:	132597
Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.9	50.7
77	31.0	24.7	37.1





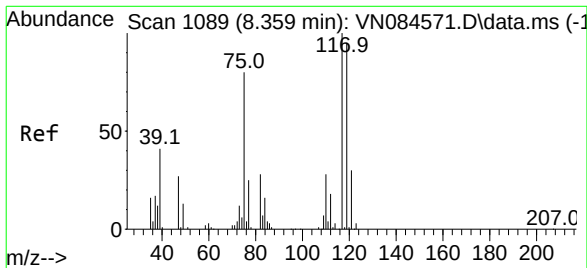
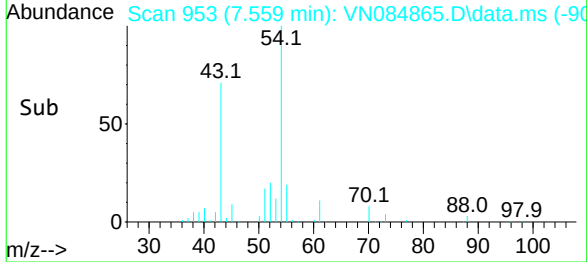
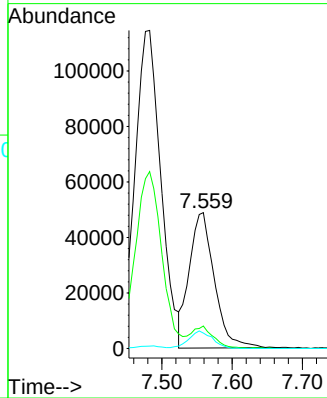
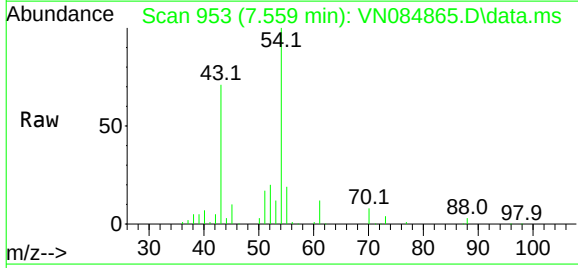
#37
Ethyl Acetate
Concen: 55.188 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 121066
Ion Ratio Lower Upper
43 100
61 14.0 10.7 16.1
70 12.1 8.8 13.2

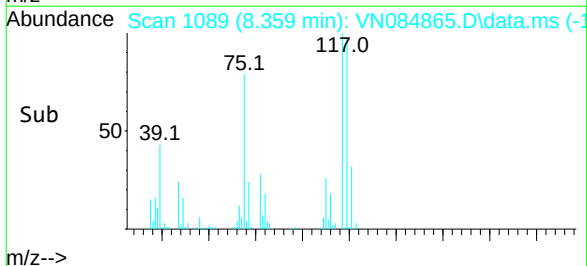
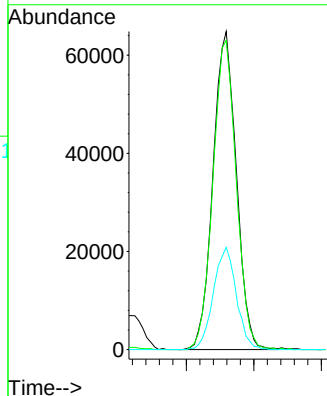
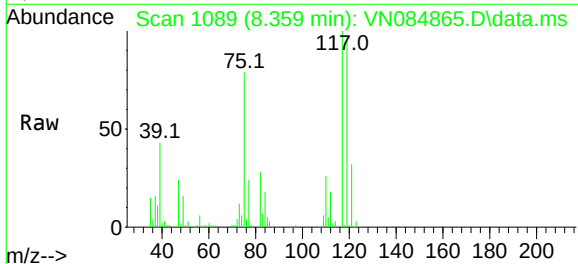
Manual Integrations
APPROVED

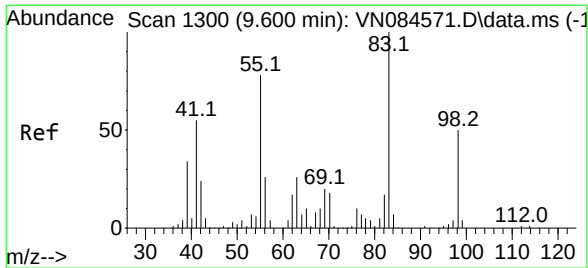
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#38
Carbon Tetrachloride
Concen: 57.700 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

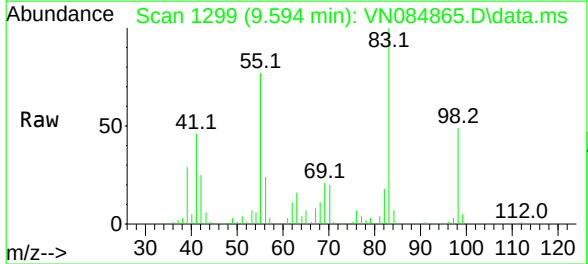
Tgt Ion:117 Resp: 155935
Ion Ratio Lower Upper
117 100
119 97.2 78.7 118.1
121 32.1 24.4 36.6





#39
Methylcyclohexane
Concen: 60.236 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

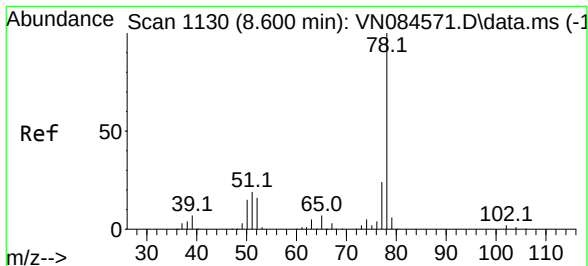
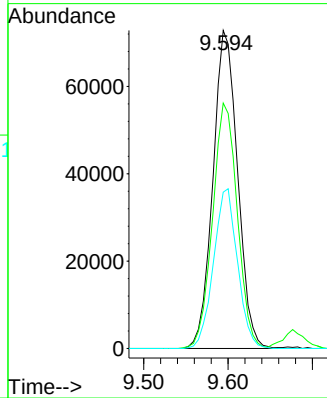
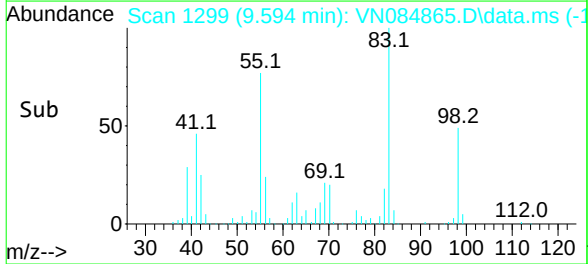
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 148163
Ion Ratio Lower Upper
83 100
55 77.2 62.8 94.2
98 49.1 38.8 58.2

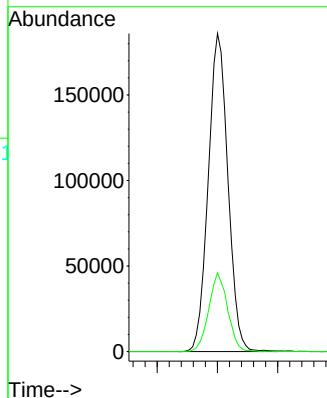
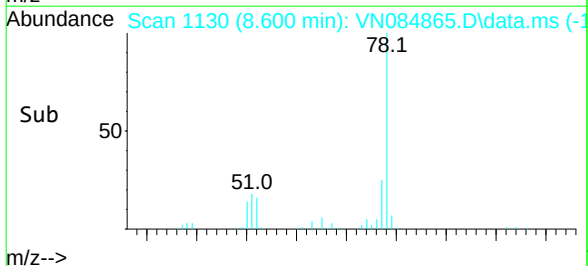
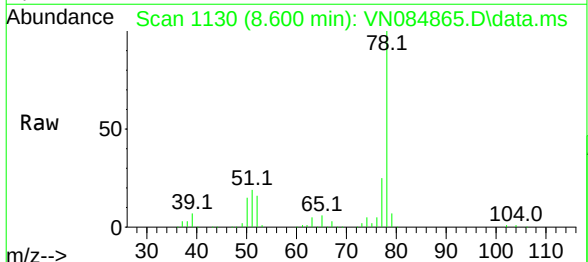
Manual Integrations
APPROVED

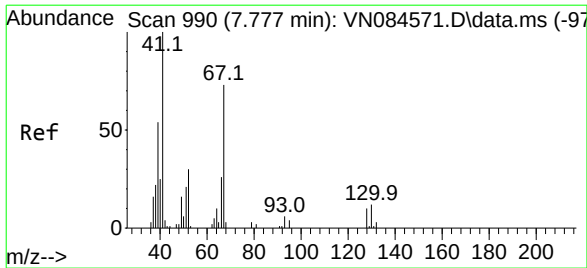
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#40
Benzene
Concen: 54.247 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

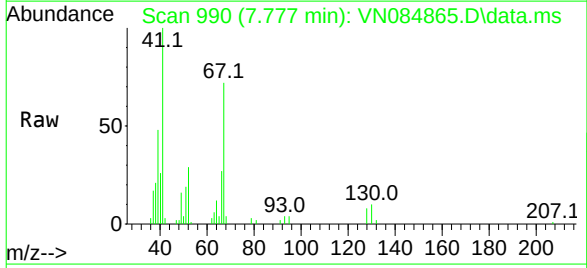
Tgt Ion: 78 Resp: 421218
Ion Ratio Lower Upper
78 100
77 24.8 19.1 28.7





#41
Methacrylonitrile
Concen: 57.888 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

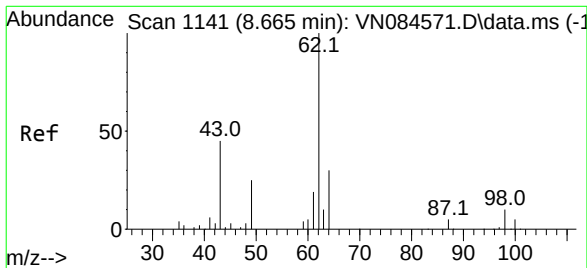
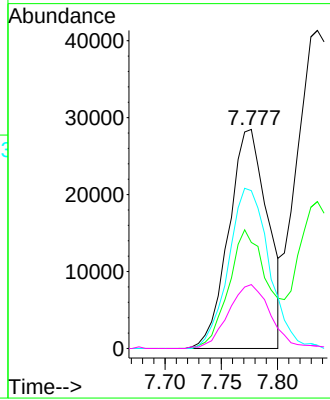
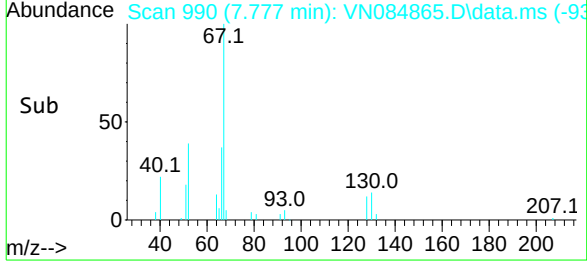
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	68289
Ion Ratio	100	Lower	Upper
39	55.9	43.3	64.9
67	76.7	56.1	84.1
52	32.1	24.5	36.7

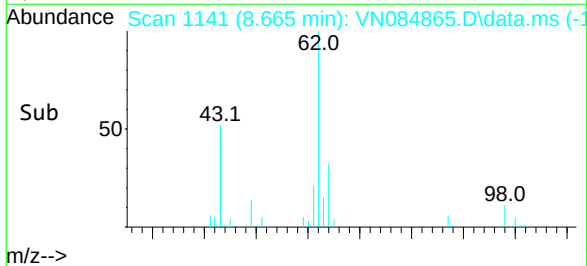
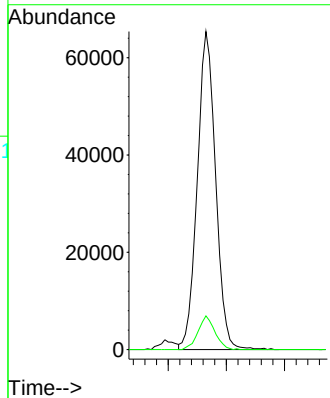
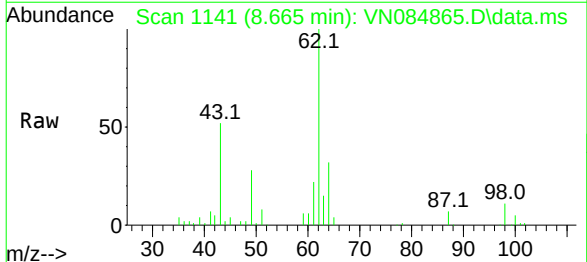
Manual Integrations
APPROVED

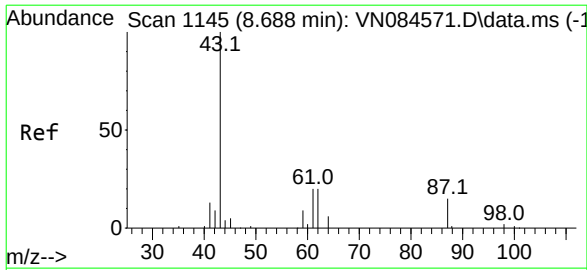
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#42
1,2-Dichloroethane
Concen: 56.862 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Tgt Ion:	62	Resp:	142990
Ion Ratio	100	Lower	Upper
98	9.8	0.0	18.2





#43

Isopropyl Acetate

Concen: 56.674 ug/l

RT: 8.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

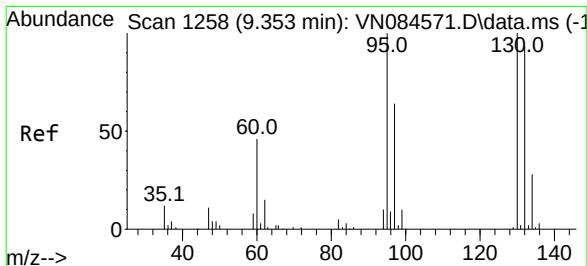
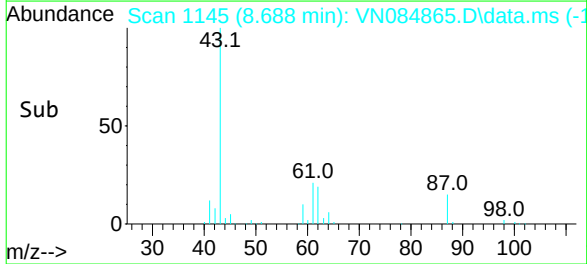
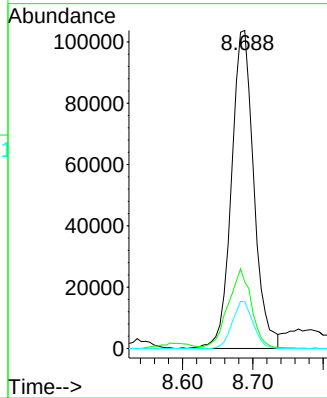
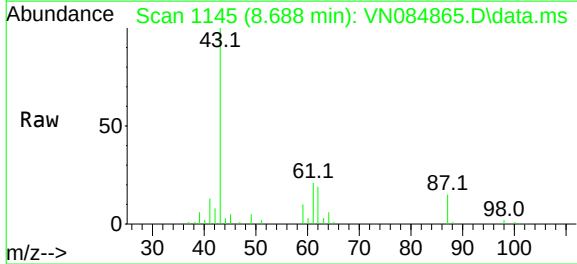
Tgt Ion:	43	Resp:	229159
Ion	Ratio	Lower	Upper
43	100		
61	26.4	20.4	30.6
87	13.8	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#44

Trichloroethene

Concen: 55.555 ug/l

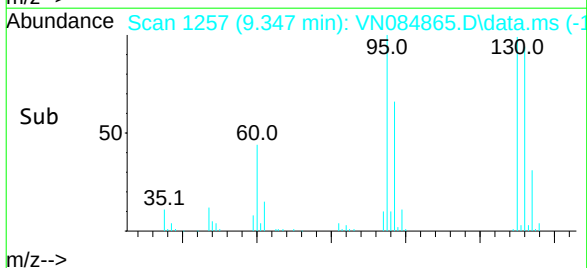
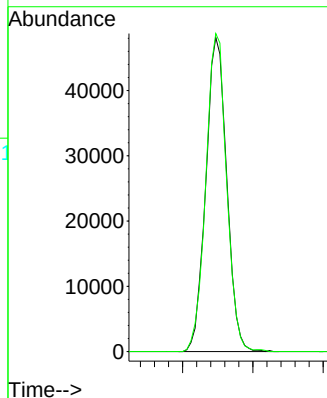
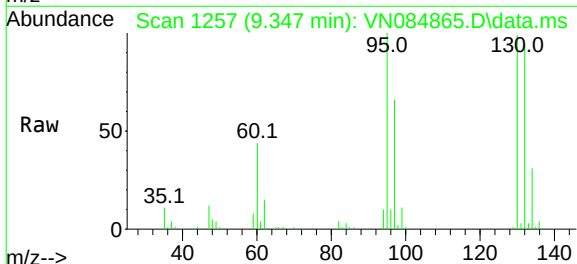
RT: 9.347 min Scan# 1257

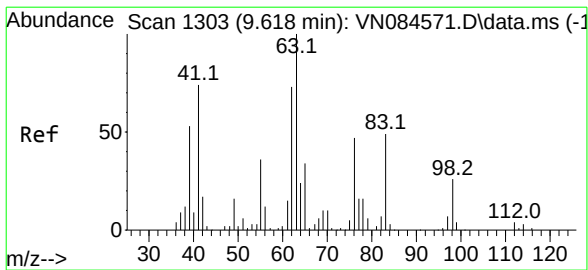
Delta R.T. 0.000 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

Tgt Ion:	130	Resp:	99486
Ion	Ratio	Lower	Upper
130	100		
95	101.3	0.0	203.0





#45

1,2-Dichloropropane

Concen: 56.518 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 102946

Ion Ratio Lower Upper

63 100

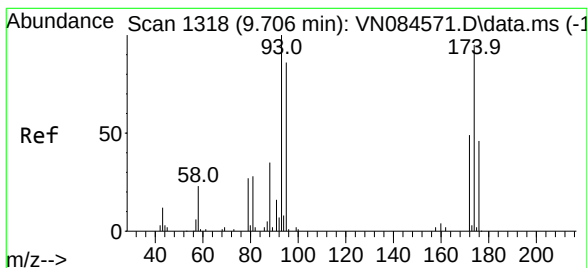
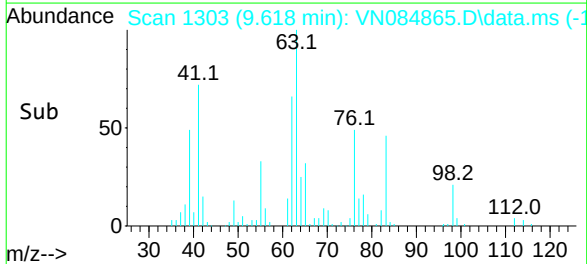
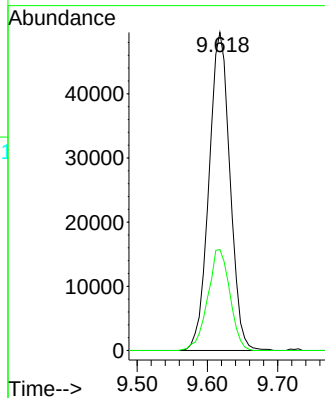
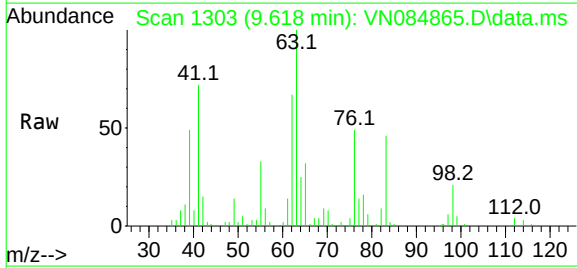
65 31.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#46

Dibromomethane

Concen: 55.488 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

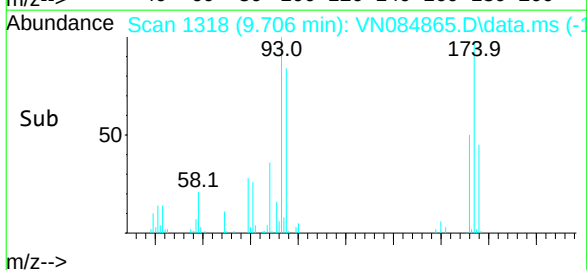
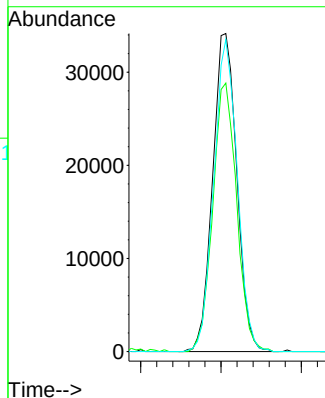
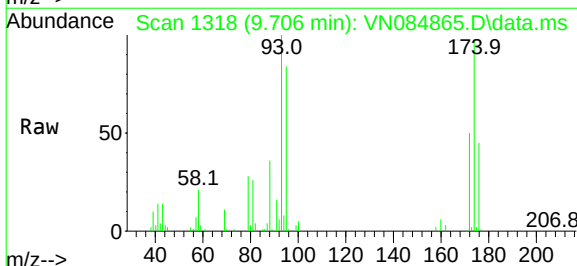
Tgt Ion: 93 Resp: 71318

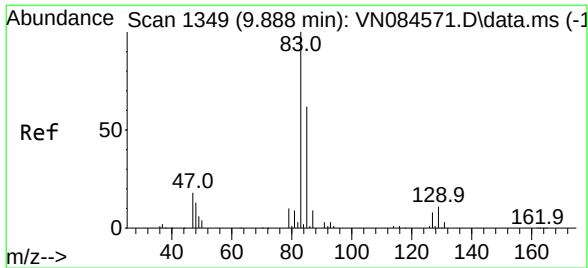
Ion Ratio Lower Upper

93 100

95 83.8 65.0 97.4

174 95.6 71.8 107.8





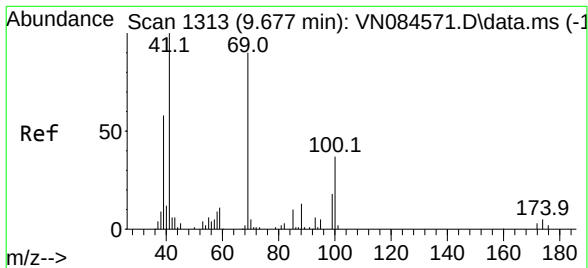
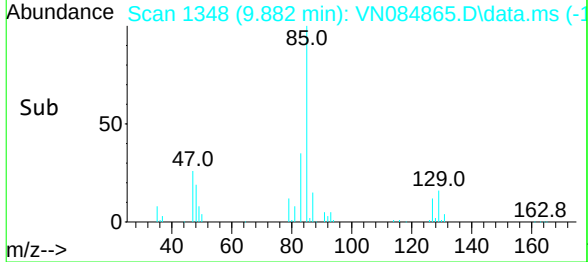
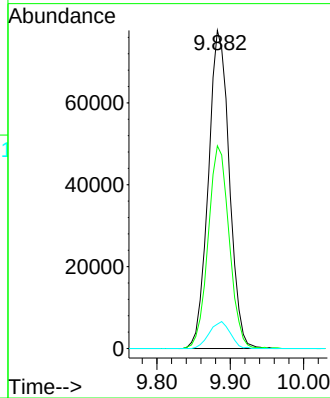
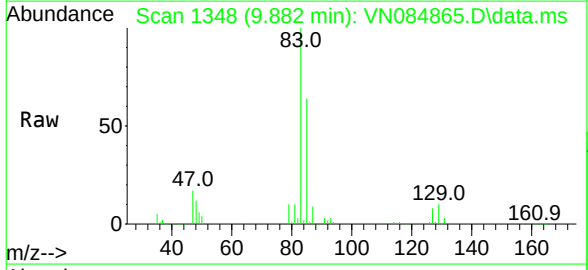
#47
Bromodichloromethane
Concen: 56.929 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 154237
Ion Ratio Lower Upper
83 100
85 63.7 51.5 77.3
127 7.7 5.7 8.5

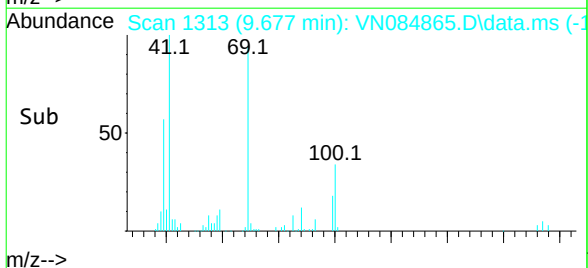
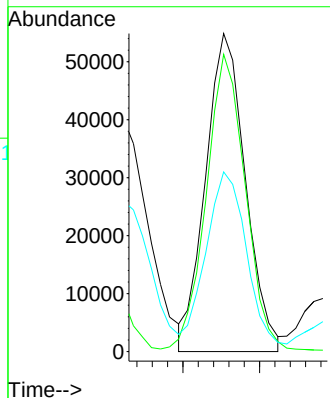
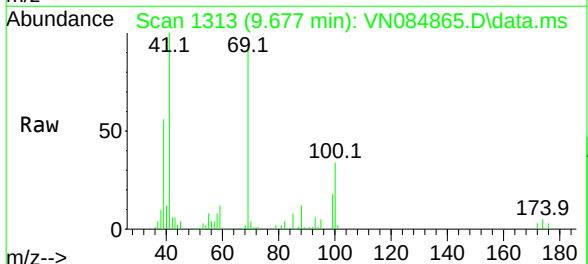
Manual Integrations
APPROVED

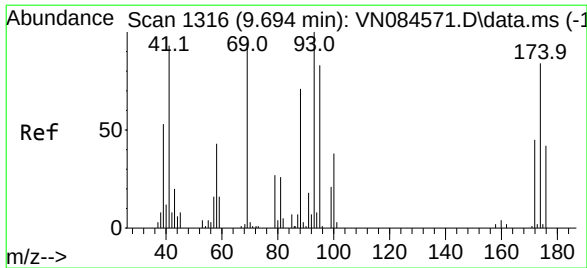
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#48
Methyl methacrylate
Concen: 58.051 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

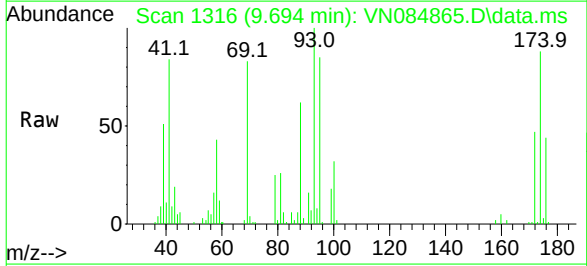
Tgt Ion: 41 Resp: 99110
Ion Ratio Lower Upper
41 100
69 92.6 67.1 100.7
39 58.7 45.8 68.6





#49
1,4-Dioxane
Concen: 1146.518 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

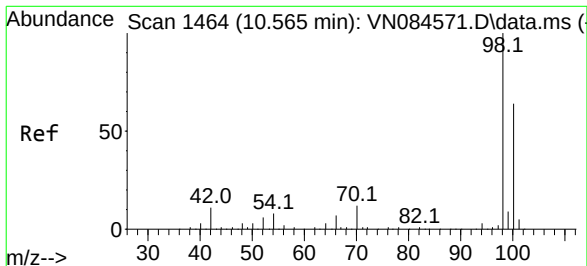
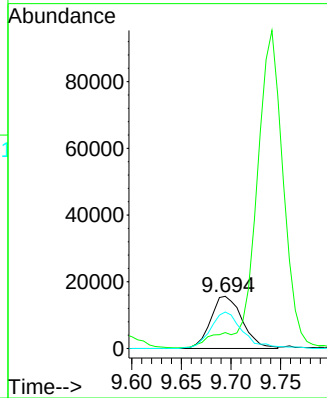
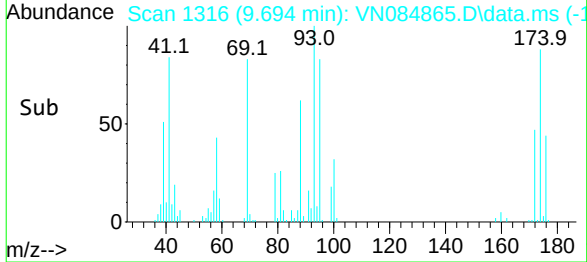
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 34687
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 72.0 56.4 84.6

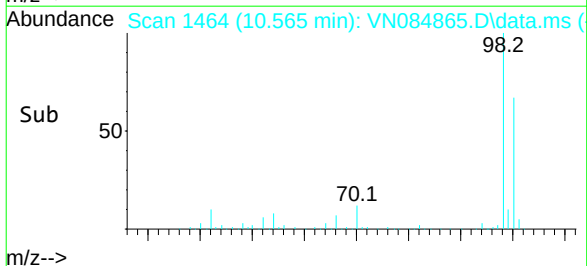
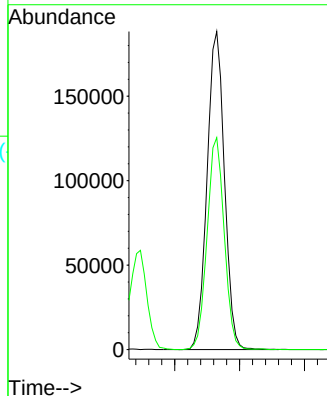
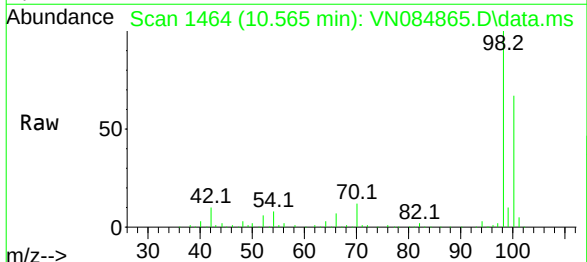
Manual Integrations
APPROVED

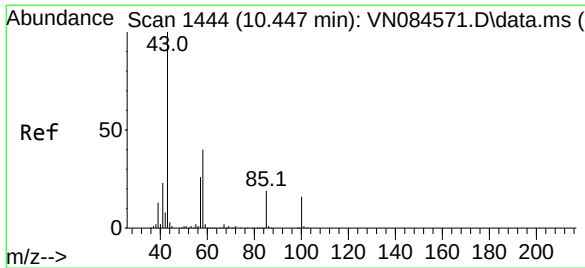
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#50
Toluene-d8
Concen: 54.407 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Tgt Ion: 98 Resp: 349403
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1





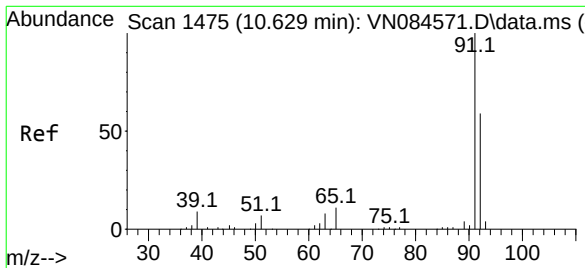
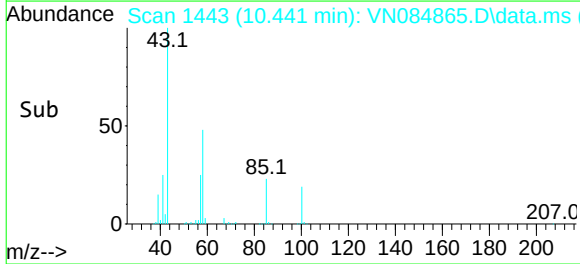
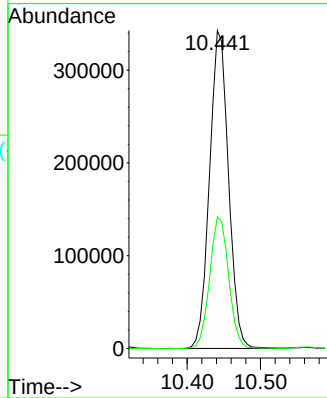
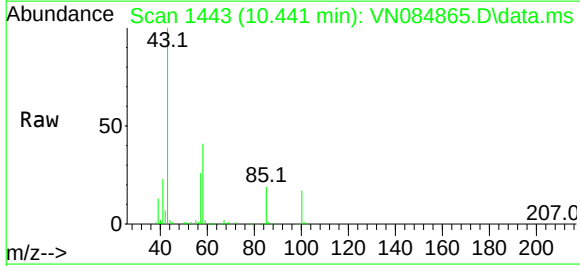
#51
4-Methyl-2-Pentanone
Concen: 293.862 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 614537
Ion Ratio Lower Upper
43 100
58 41.5 31.6 47.4

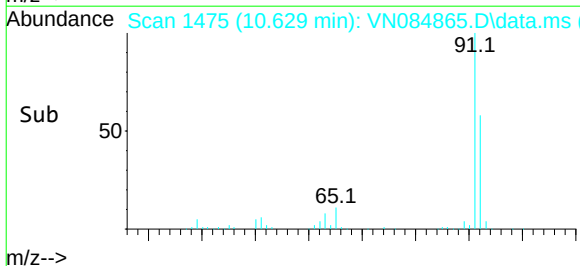
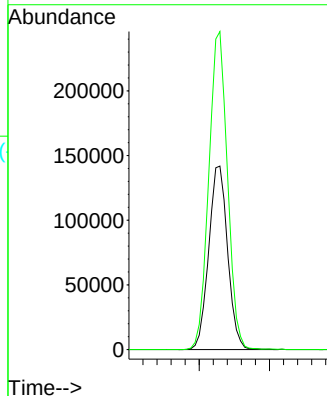
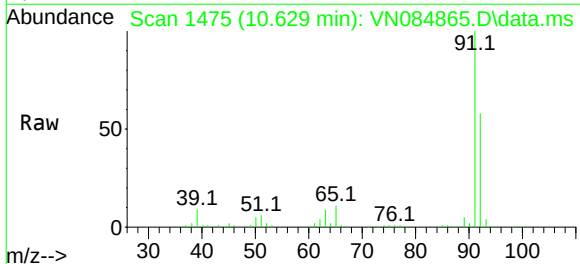
Manual Integrations
APPROVED

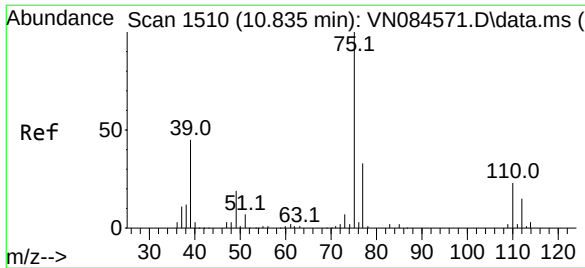
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#52
Toluene
Concen: 58.447 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

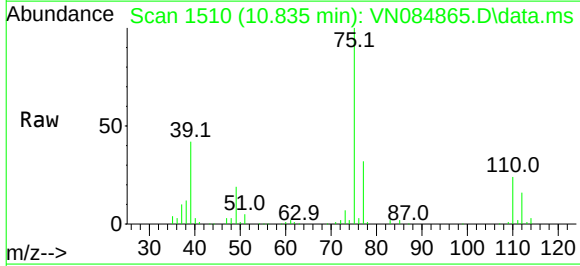
Tgt Ion: 92 Resp: 265421
Ion Ratio Lower Upper
92 100
91 171.1 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 54.885 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

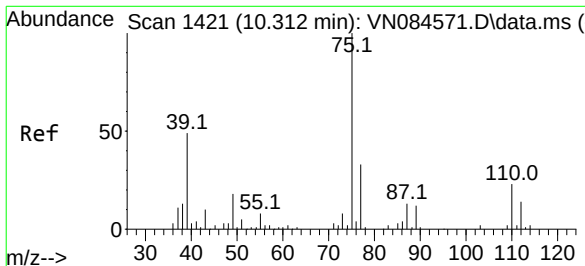
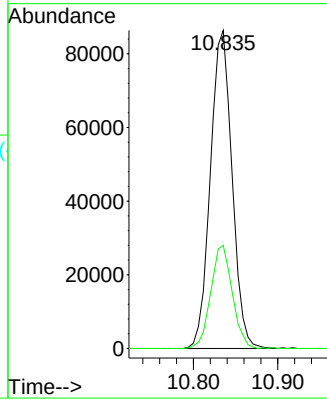
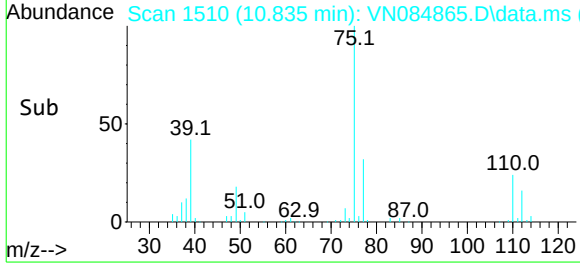
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



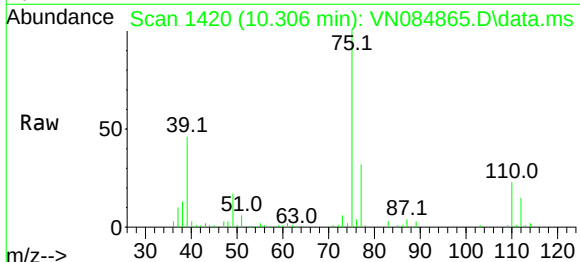
Tgt Ion: 75 Resp: 153923
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0

Manual Integrations
APPROVED

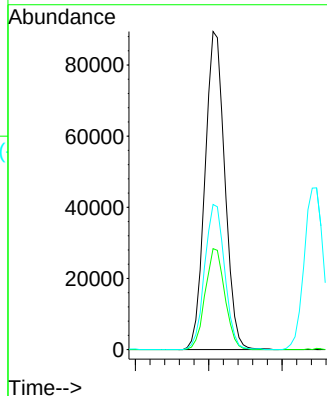
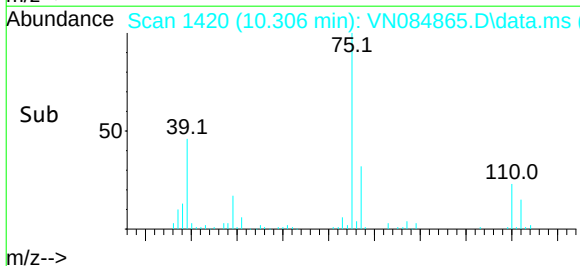
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024

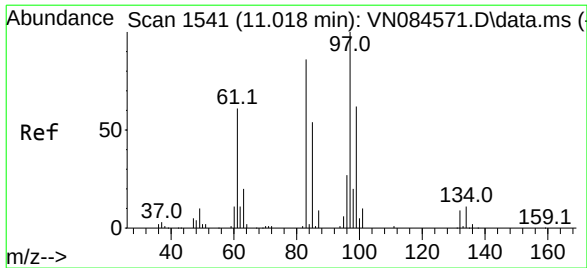


#54
cis-1,3-Dichloropropene
Concen: 56.606 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34



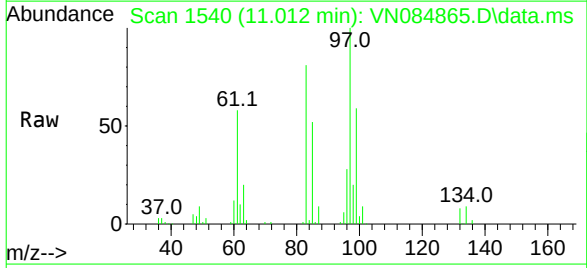
Tgt Ion: 75 Resp: 168017
Ion Ratio Lower Upper
75 100
77 31.7 24.2 36.2
39 45.6 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 56.801 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

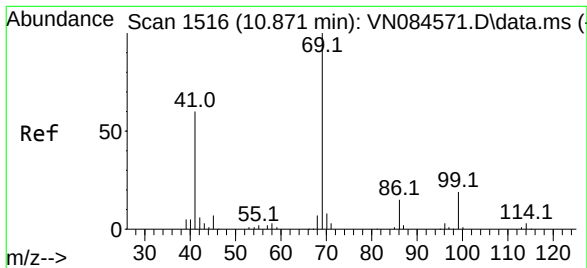
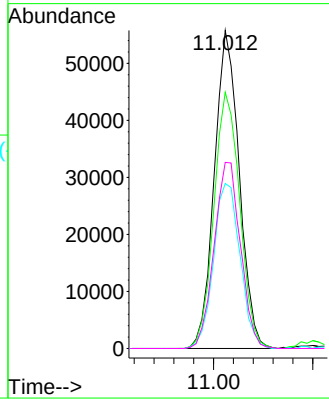
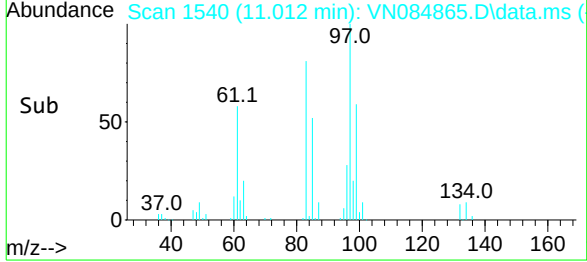
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	97165
Ion	Ratio	Lower	Upper
97	100		
83	80.6	71.0	106.4
85	51.9	41.7	62.5
99	58.5	50.1	75.1

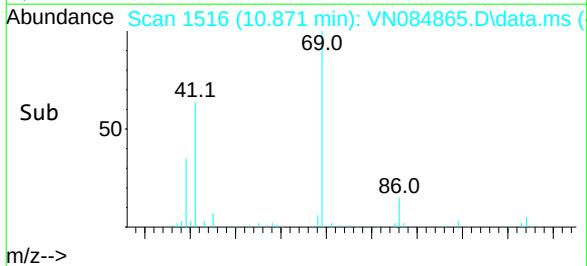
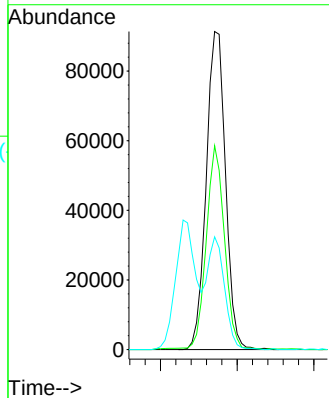
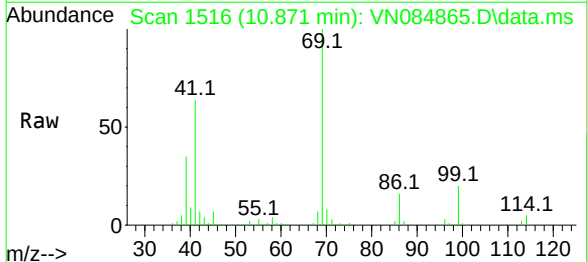
Manual Integrations
APPROVED

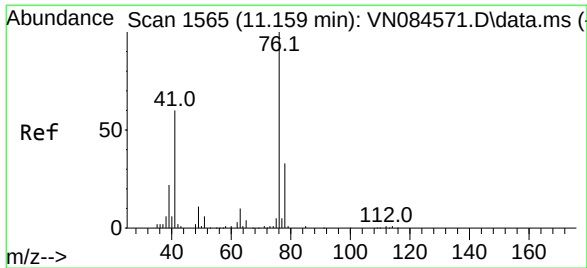
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#56
Ethyl methacrylate
Concen: 64.522 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

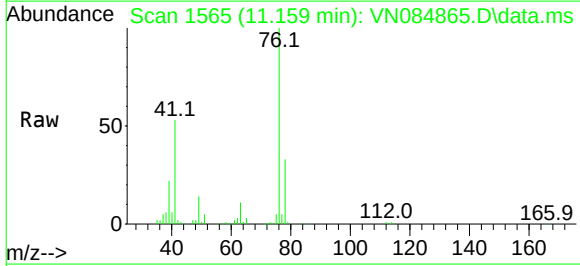
Tgt Ion:	69	Resp:	159650
Ion	Ratio	Lower	Upper
69	100		
41	60.8	53.3	79.9
39	32.2	28.8	43.2





#57
1,3-Dichloropropane
Concen: 56.356 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

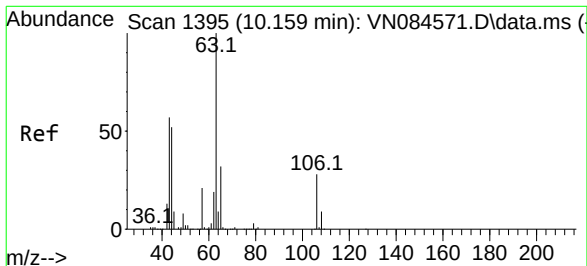
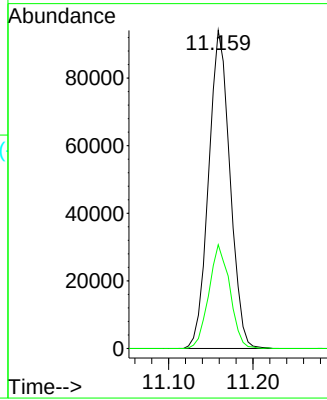
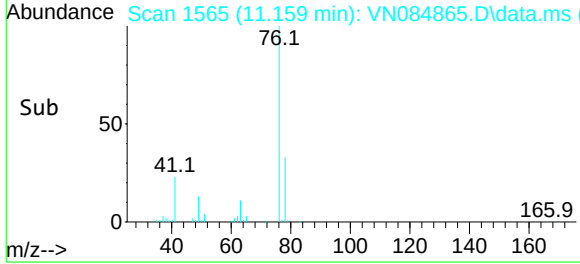
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 165453
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.6

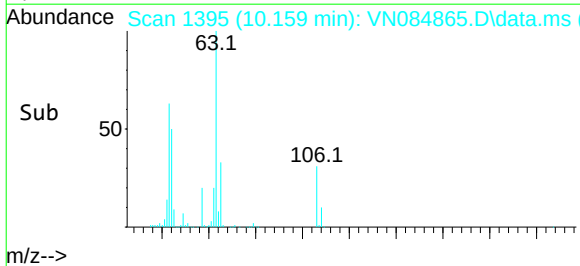
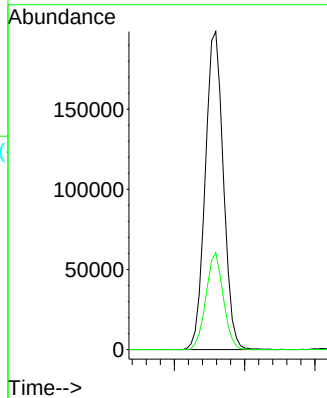
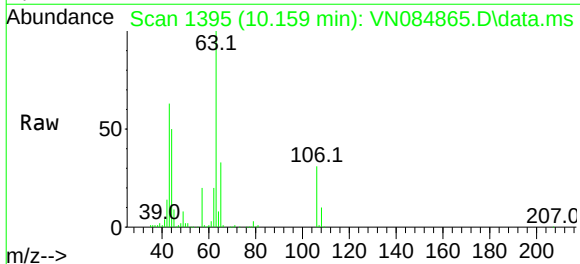
Manual Integrations
APPROVED

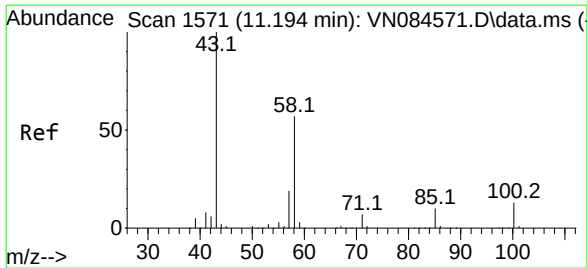
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 306.608 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Tgt Ion: 63 Resp: 355001
Ion Ratio Lower Upper
63 100
106 29.2 21.8 32.6





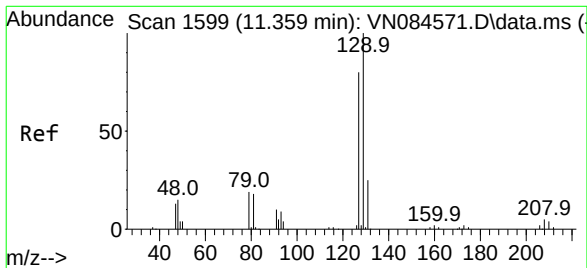
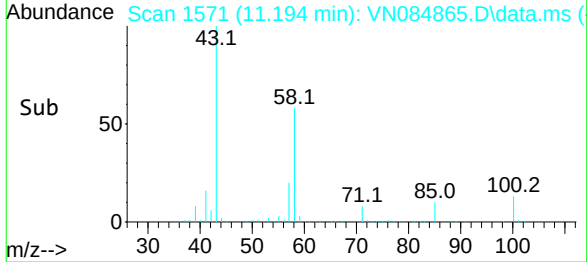
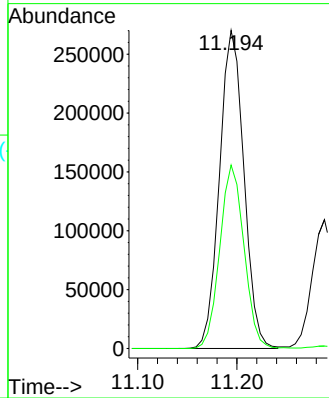
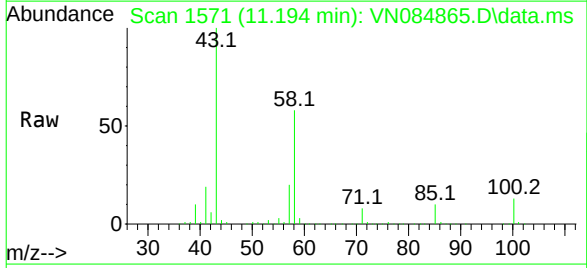
#59
2-Hexanone
Concen: 303.260 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 461617
Ion Ratio Lower Upper
43 100
58 57.2 27.3 81.8

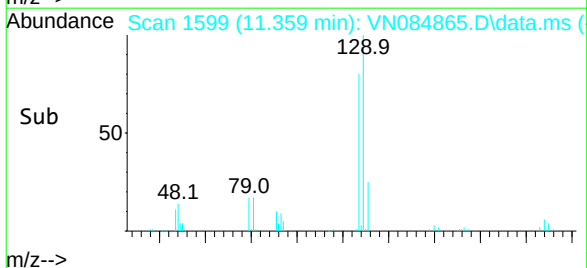
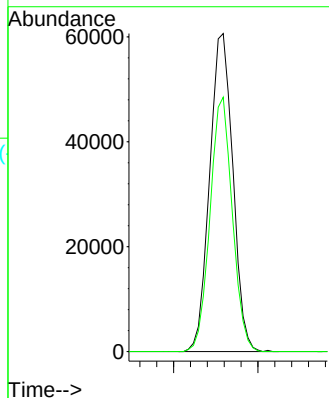
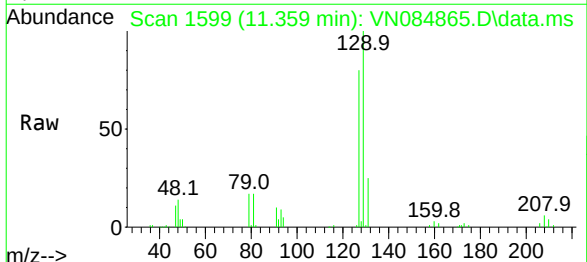
Manual Integrations
APPROVED

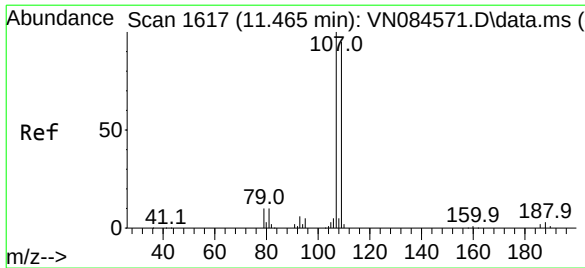
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#60
Dibromochloromethane
Concen: 59.518 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Tgt Ion:129 Resp: 116037
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.9





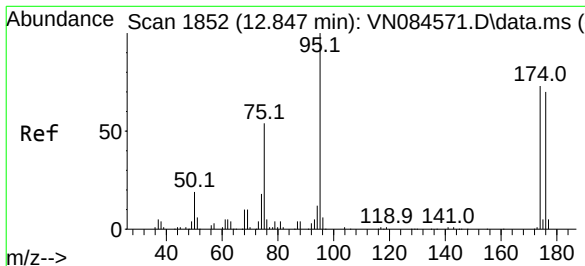
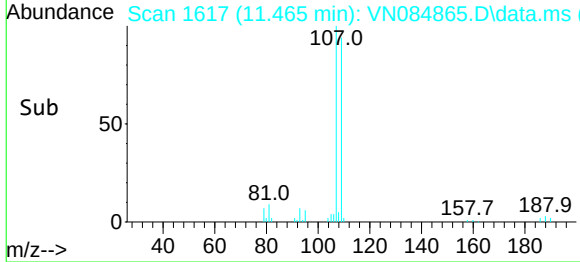
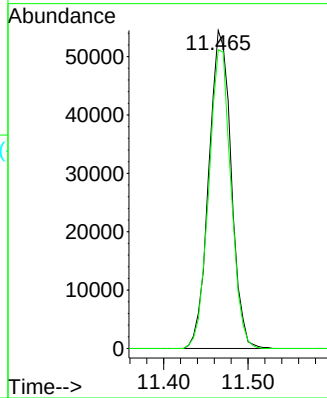
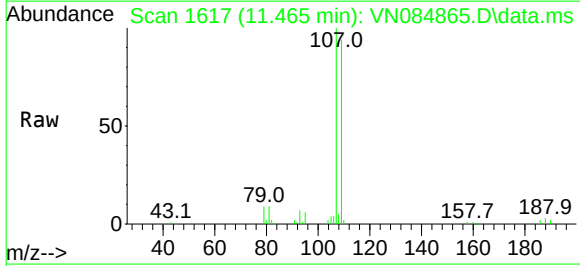
#61
1,2-Dibromoethane
Concen: 57.406 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 100560
Ion Ratio Lower Upper
107 100
109 92.9 75.4 113.0

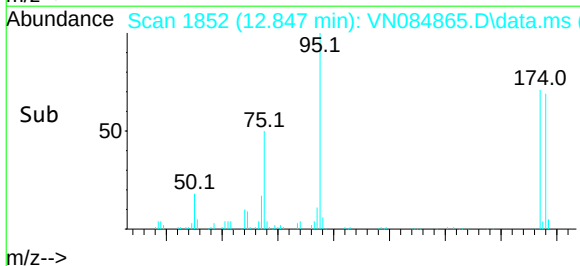
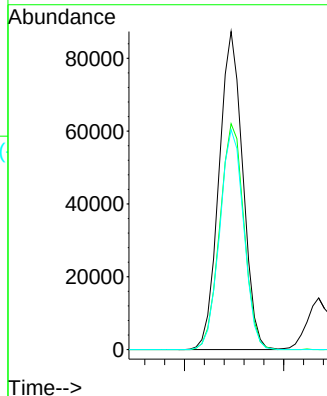
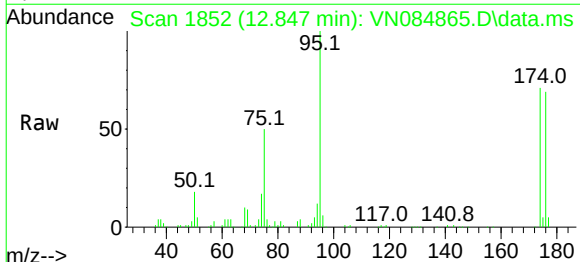
Manual Integrations
APPROVED

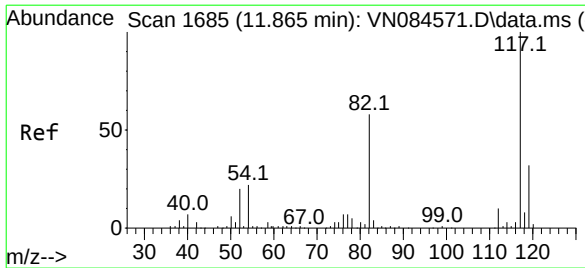
Reviewed By : John Carlone 11/15/2024
Supervised By : Mahesh Dadoda 11/15/2024



#62
4-Bromofluorobenzene
Concen: 60.654 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Tgt Ion: 95 Resp: 145577
Ion Ratio Lower Upper
95 100
174 72.1 0.0 145.2
176 69.7 0.0 140.0





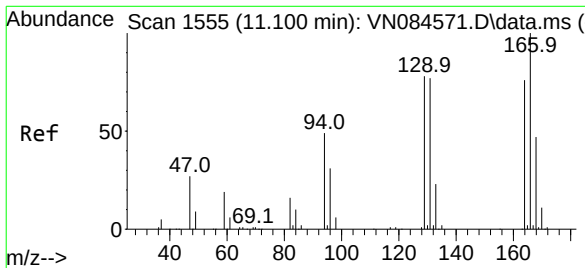
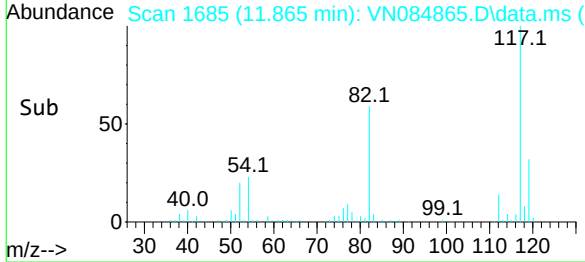
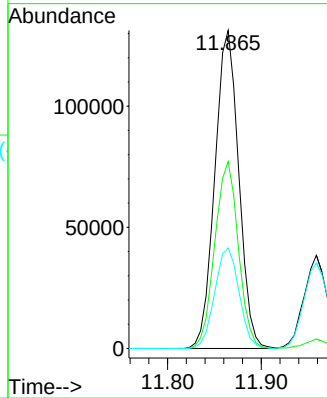
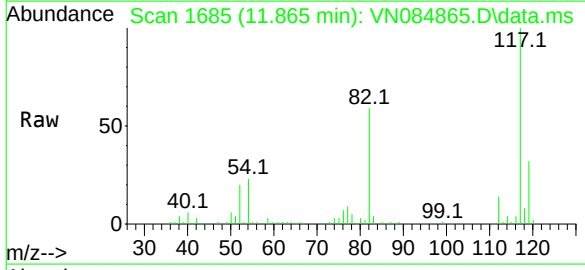
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	117	Resp:	232439
Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.2	70.8
119	31.6	25.4	38.0

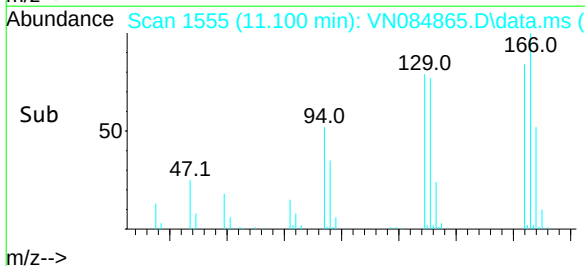
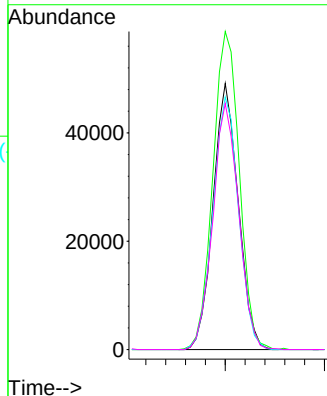
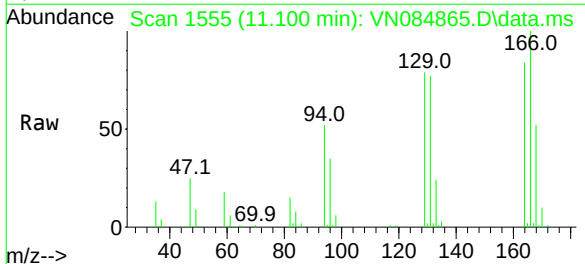
Manual Integrations
APPROVED

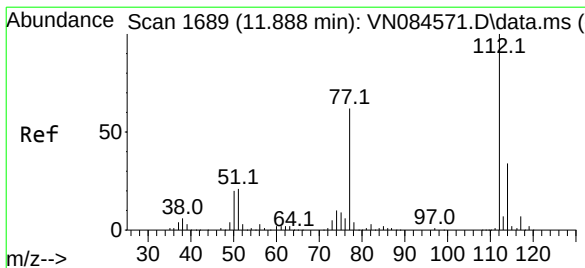
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#64
Tetrachloroethene
Concen: 56.004 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

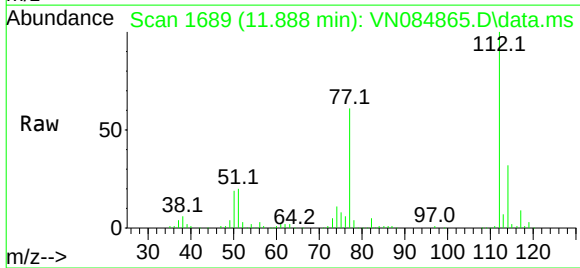
Tgt Ion:	164	Resp:	86588
Ion	Ratio	Lower	Upper
164	100		
166	119.5	101.0	151.4
129	94.9	80.8	121.2
131	92.4	78.1	117.1





#65
Chlorobenzene
Concen: 53.221 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

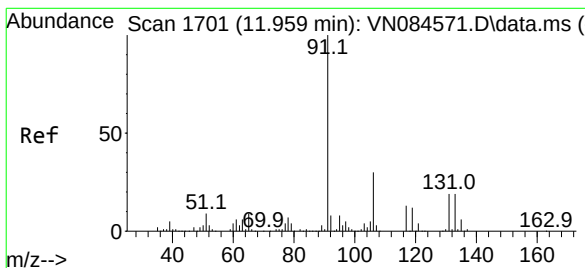
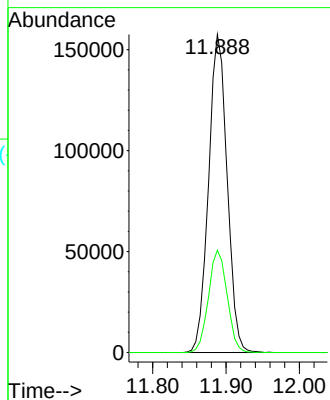
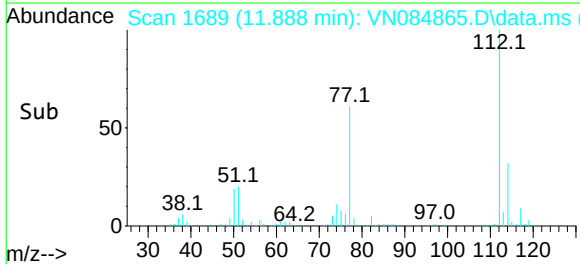
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 276751
Ion Ratio Lower Upper
112 100
114 32.1 27.0 40.6

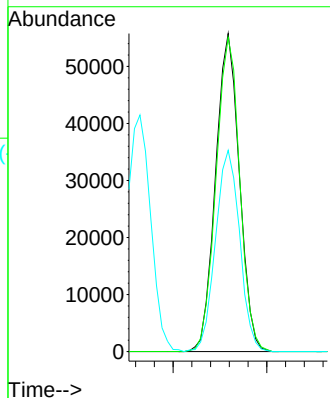
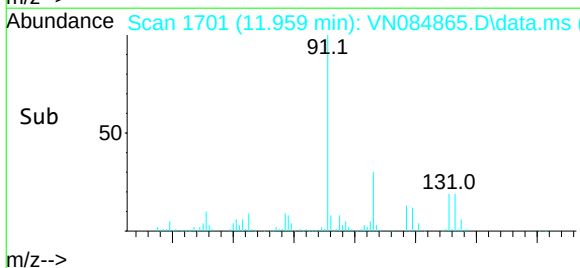
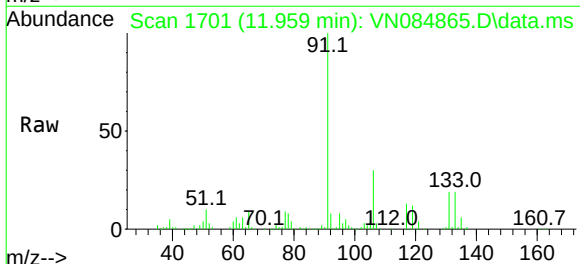
Manual Integrations
APPROVED

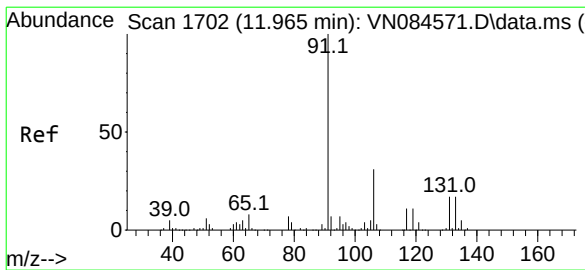
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 54.293 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Tgt Ion:131 Resp: 98202
Ion Ratio Lower Upper
131 100
133 98.6 47.9 143.7
119 64.3 32.8 98.3





#67

Ethyl Benzene

Concen: 57.536 ug/l

RT: 11.959 min Scan# 1719

Delta R.T. 0.000 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 499412

Ion Ratio Lower Upper

91 100

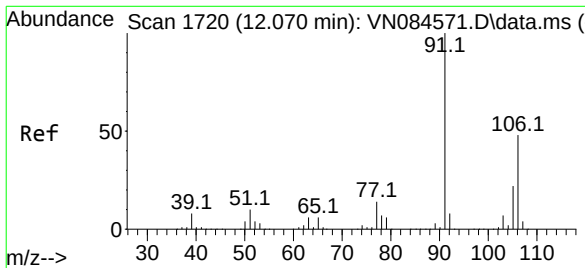
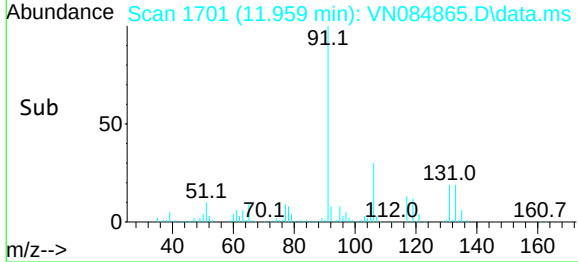
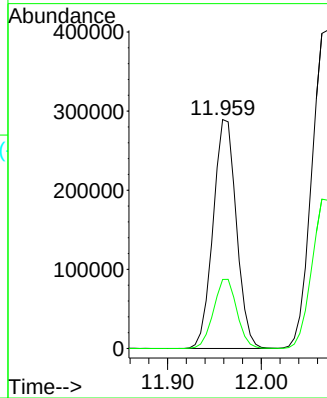
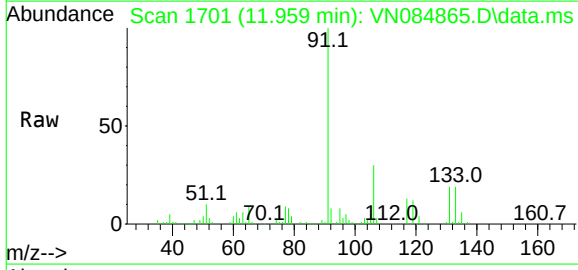
106 30.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#68

m/p-Xylenes

Concen: 113.836 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN084865.D

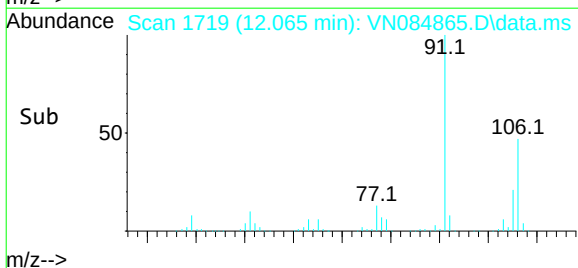
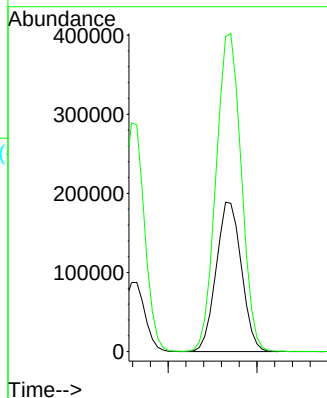
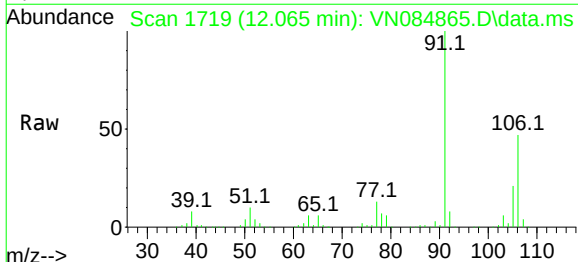
Acq: 14 Nov 2024 20:34

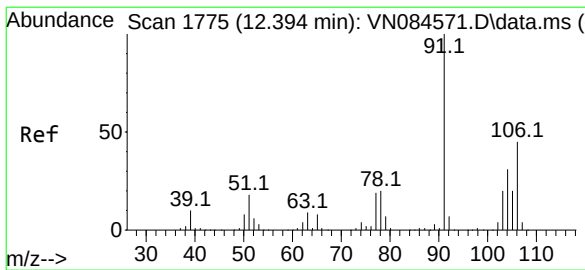
Tgt Ion:106 Resp: 374085

Ion Ratio Lower Upper

106 100

91 212.9 167.1 250.7





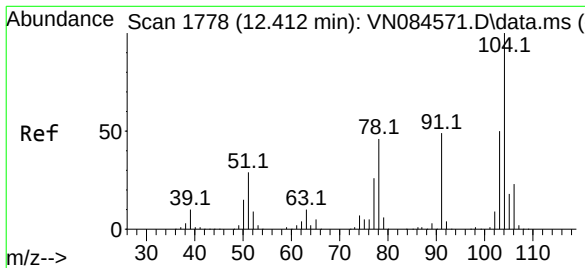
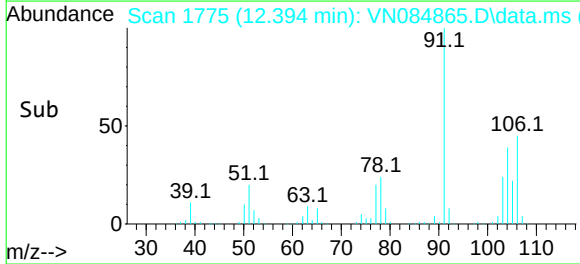
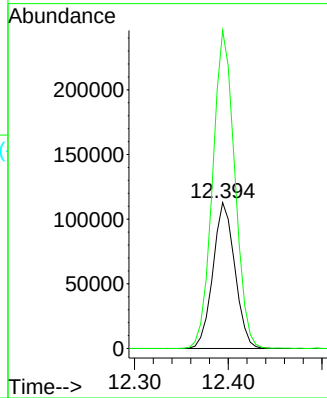
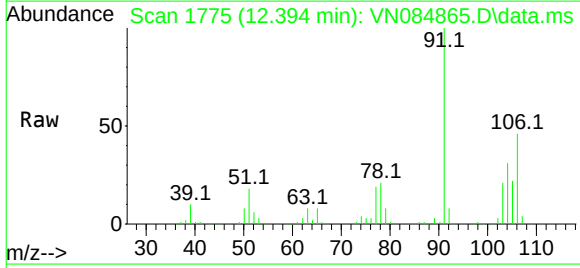
#69
o-Xylene
Concen: 59.471 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 182822
Ion Ratio Lower Upper
106 100
91 220.3 110.2 330.6

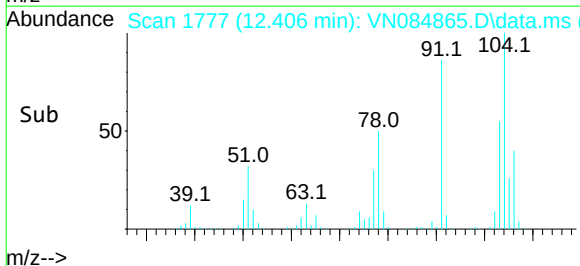
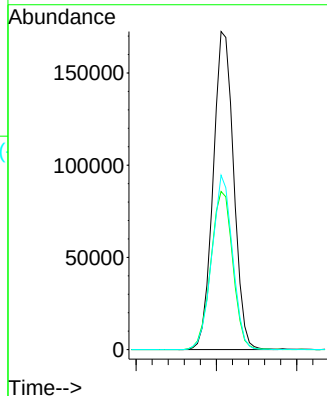
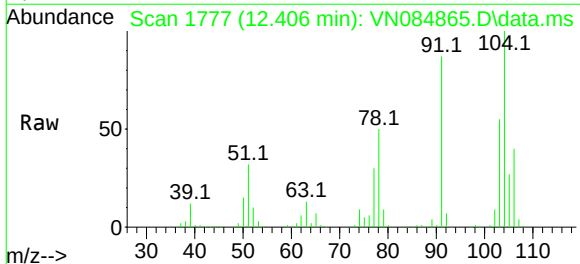
Manual Integrations
APPROVED

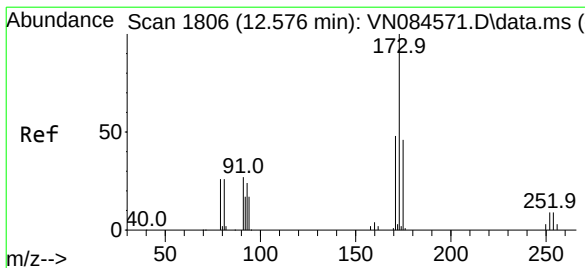
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#70
Styrene
Concen: 57.103 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Tgt Ion:104 Resp: 306221
Ion Ratio Lower Upper
104 100
78 53.1 42.7 64.1
103 55.1 43.6 65.4





#71

Bromoform

Concen: 58.930 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

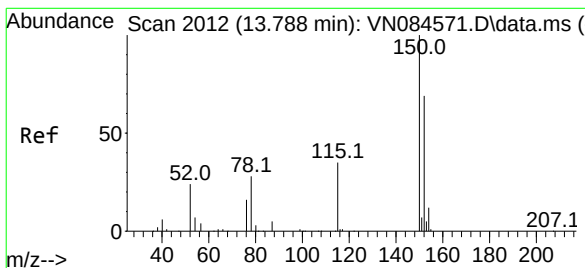
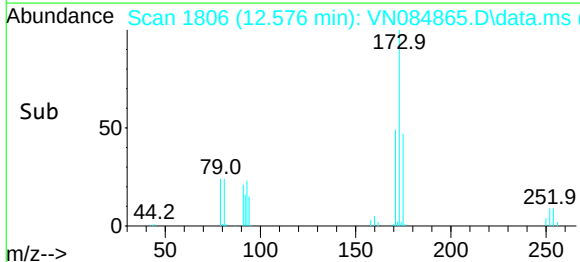
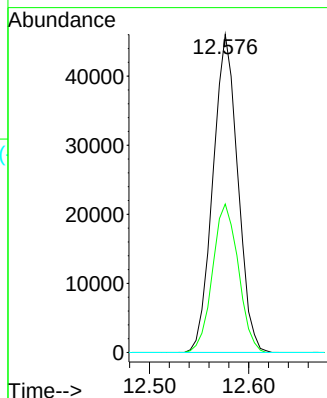
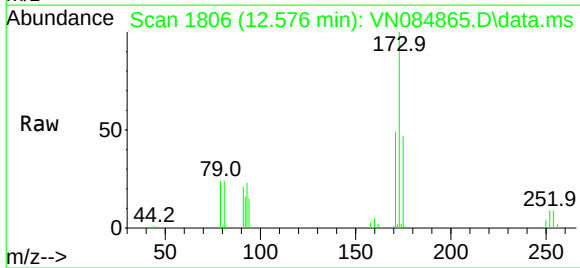
VSTDCCC050EC

Tgt Ion:	173	Resp:	80205
Ion Ratio	Lower	Upper	
173	100		
175	48.4	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

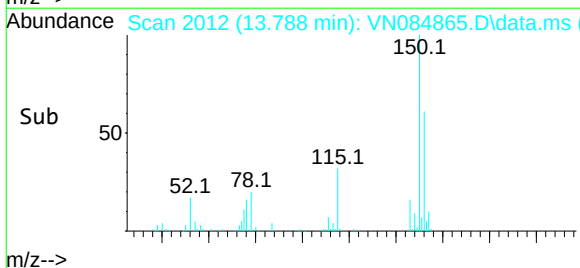
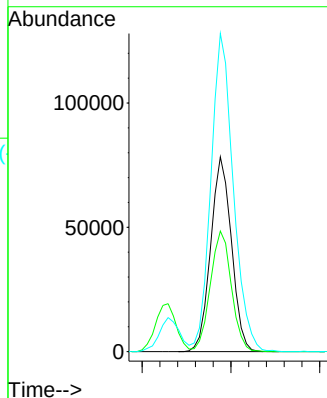
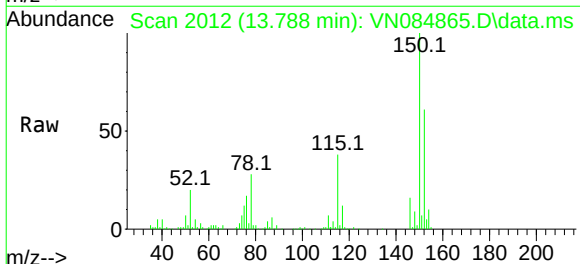
RT: 13.788 min Scan# 2012

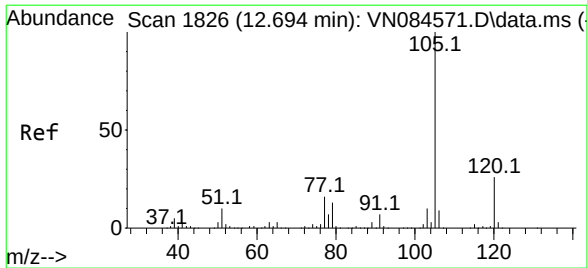
Delta R.T. 0.000 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

Tgt Ion:	152	Resp:	127253
Ion Ratio	Lower	Upper	
152	100		
115	62.8	31.3	93.9
150	176.2	0.0	349.8





#73

Isopropylbenzene

Concen: 52.412 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 467384

Ion Ratio Lower Upper

105 100

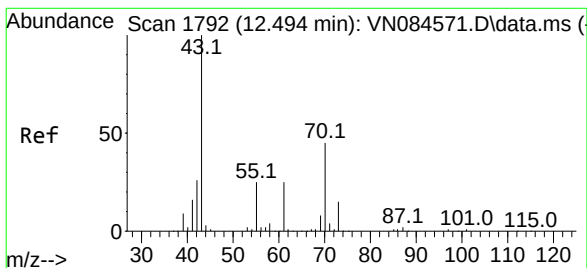
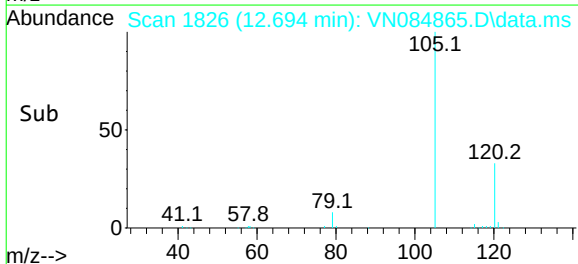
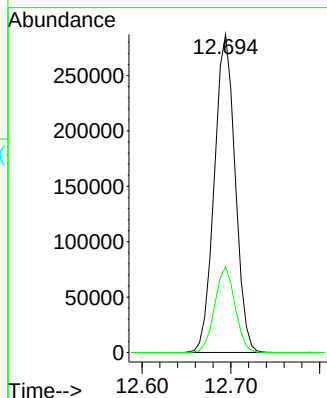
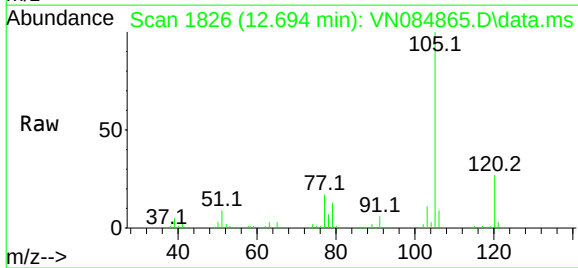
120 26.1 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#74

N-ethyl acetate

Concen: 50.424 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

Tgt Ion: 43 Resp: 191385

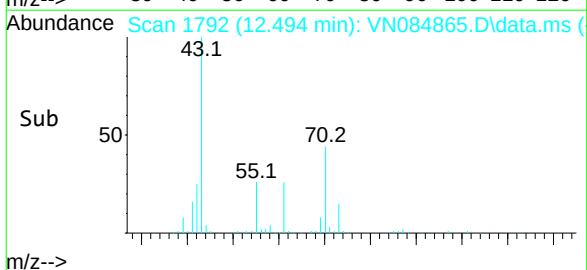
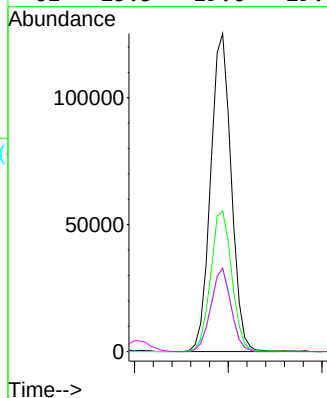
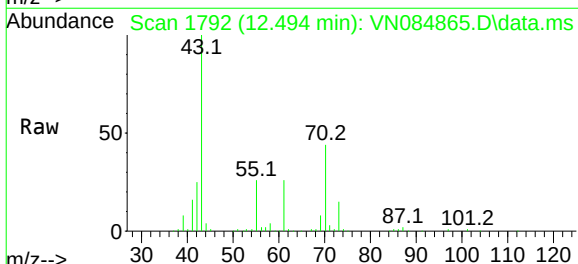
Ion Ratio Lower Upper

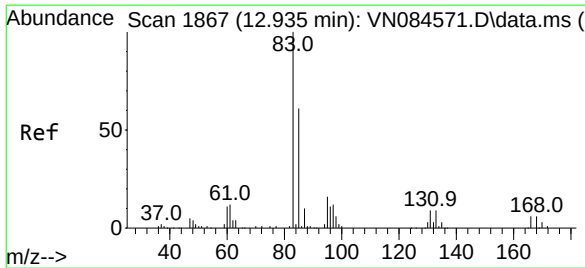
43 100

70 45.5 34.4 51.6

55 26.1 19.6 29.4

61 25.5 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 46.651 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

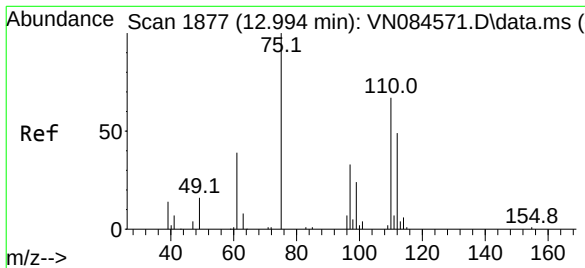
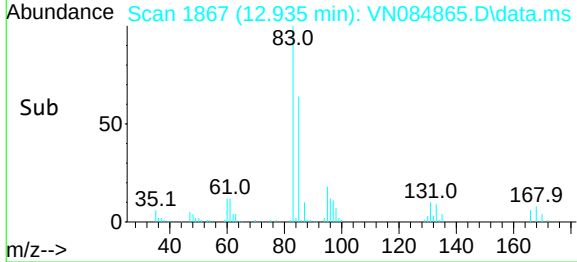
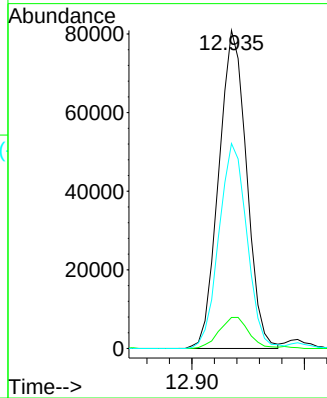
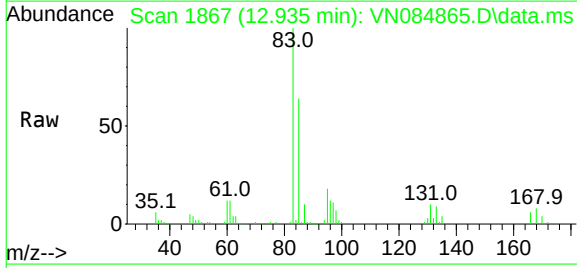
Tgt Ion: 83	Resp: 138860
Ion Ratio	Lower Upper
83 100	
131 10.8	4.9 14.7
85 64.9	31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#76

1,2,3-Trichloropropane

Concen: 46.439 ug/l m

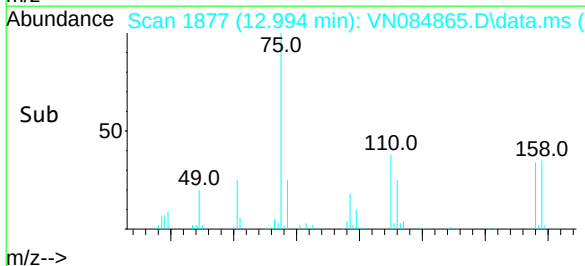
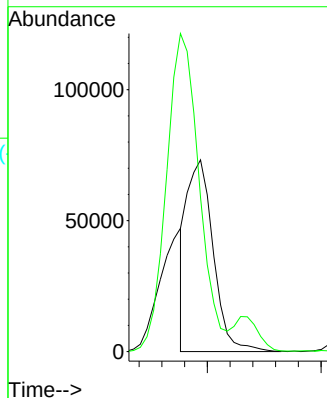
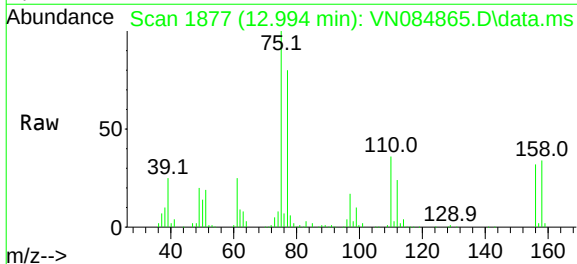
RT: 12.994 min Scan# 1877

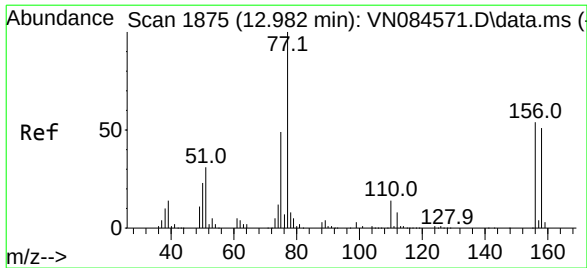
Delta R.T. 0.006 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

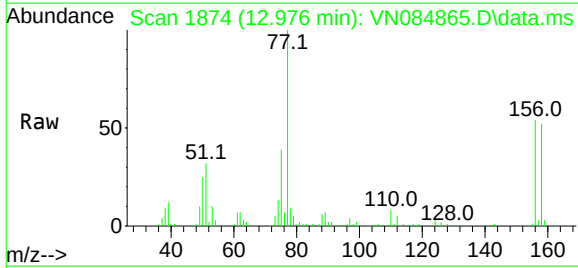
Tgt Ion: 75	Resp: 118128
Ion Ratio	Lower Upper
75 100	
77 205.9	96.9 290.7





#77
Bromobenzene
Concen: 46.835 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

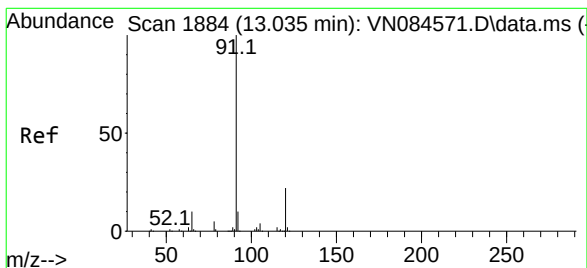
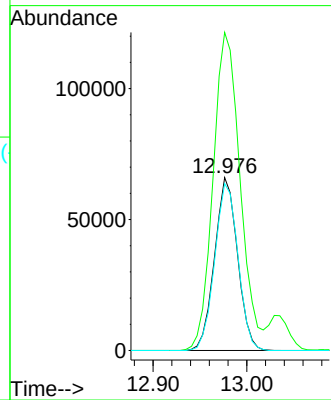
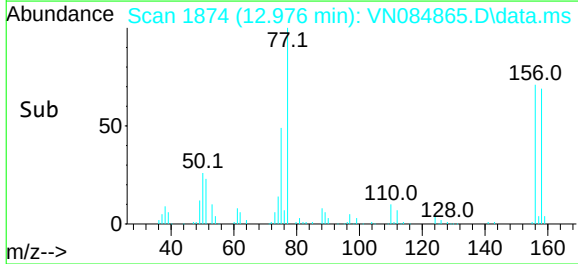
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 156 Resp: 112278
Ion Ratio Lower Upper
156 100
77 216.6 115.1 345.3
158 97.9 48.9 146.8

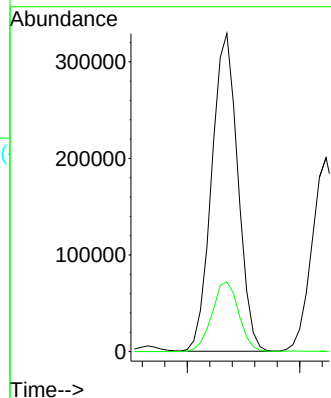
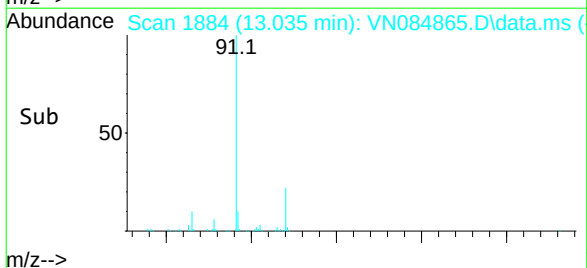
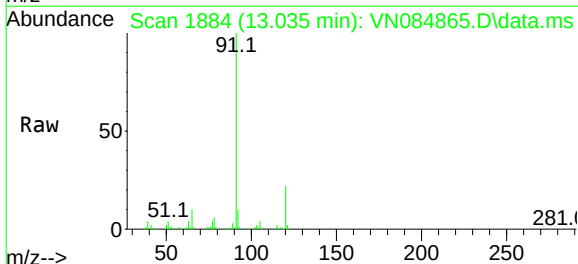
Manual Integrations
APPROVED

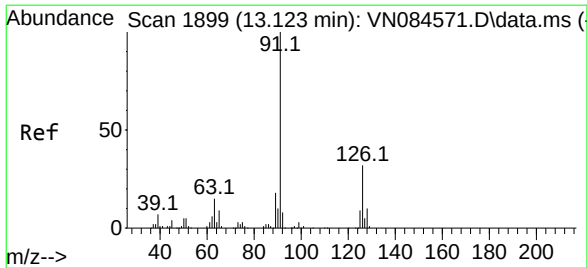
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#78
n-propylbenzene
Concen: 50.824 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Tgt Ion: 91 Resp: 531105
Ion Ratio Lower Upper
91 100
120 22.5 10.8 32.4





#79

2-Chlorotoluene

Concen: 49.293 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 336578

Ion Ratio Lower Upper

91 100

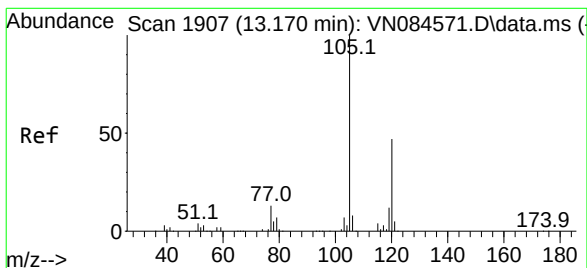
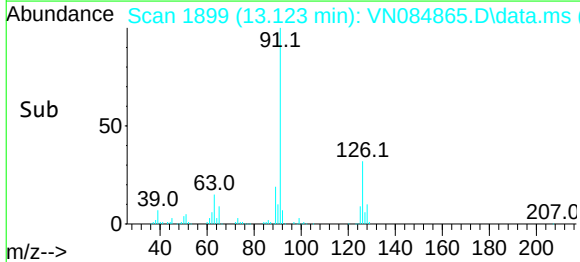
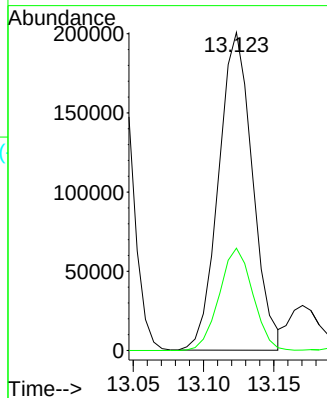
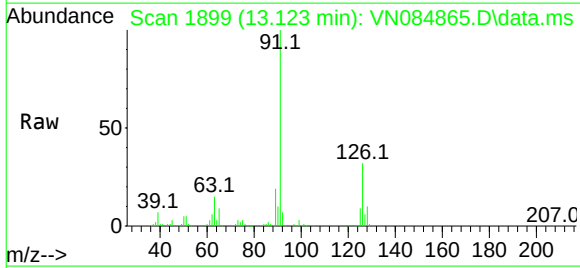
126 31.8 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#80

1,3,5-Trimethylbenzene

Concen: 55.028 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084865.D

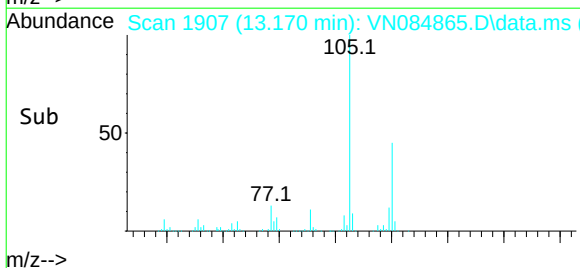
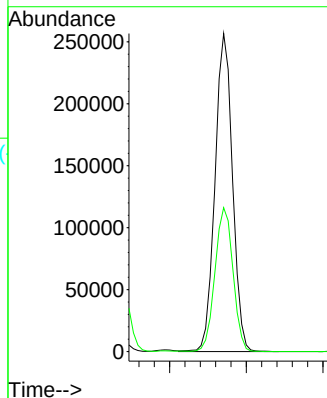
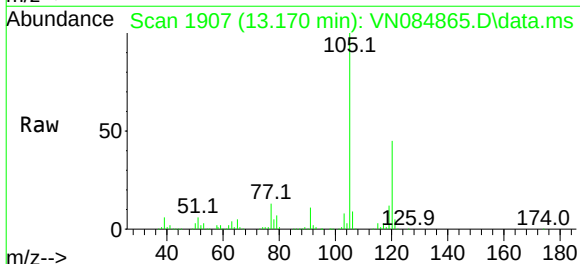
Acq: 14 Nov 2024 20:34

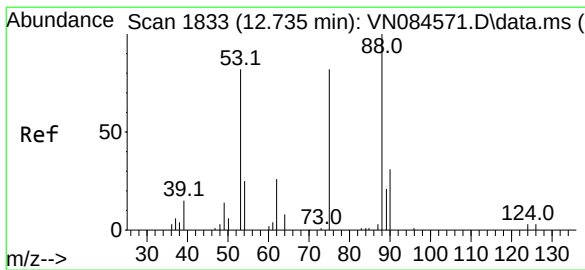
Tgt Ion:105 Resp: 406718

Ion Ratio Lower Upper

105 100

120 46.7 23.7 71.1





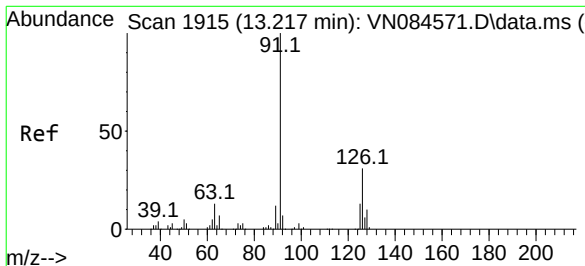
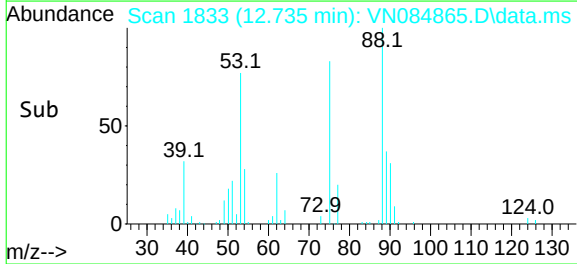
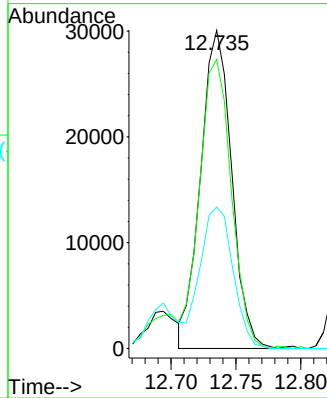
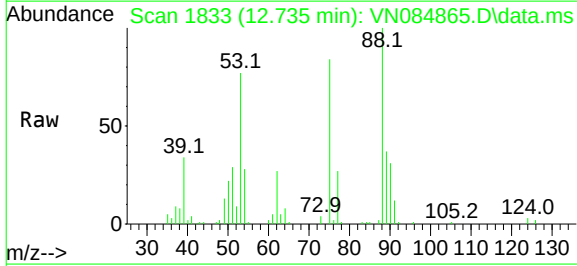
#81
trans-1,4-Dichloro-2-butene
Concen: 46.680 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	104.6	78.0	117.0
89	46.6	35.5	53.3

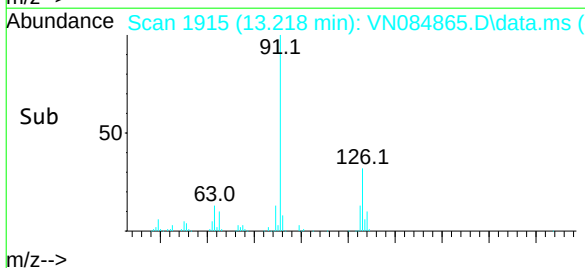
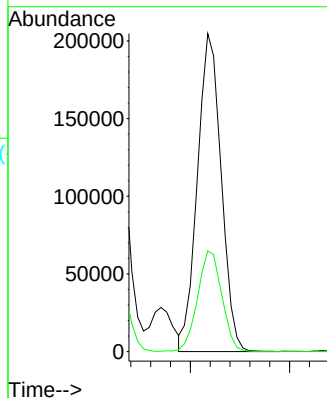
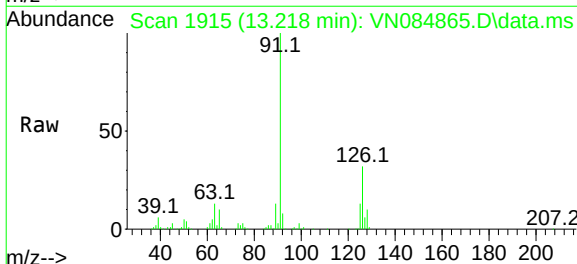
Manual Integrations
APPROVED

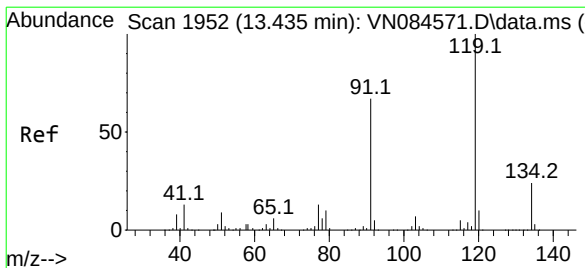
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#82
4-Chlorotoluene
Concen: 47.416 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	15.7	47.1





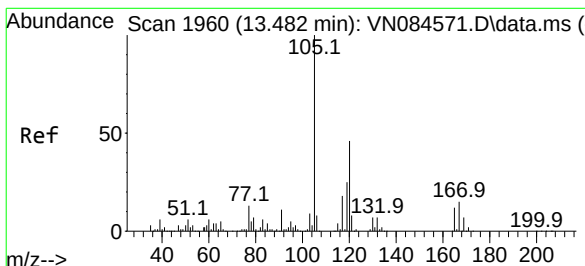
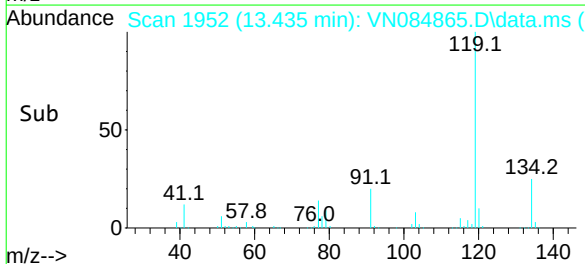
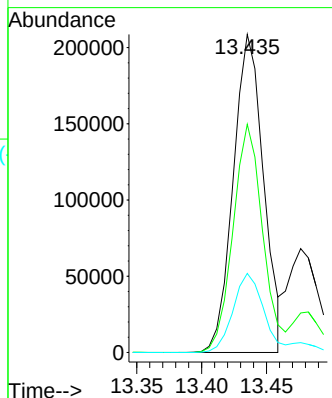
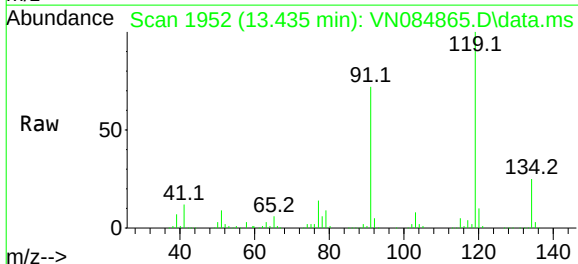
#83
tert-Butylbenzene
Concen: 55.378 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 338748
Ion Ratio Lower Upper
119 100
91 70.5 34.1 102.3
134 24.9 12.8 38.4

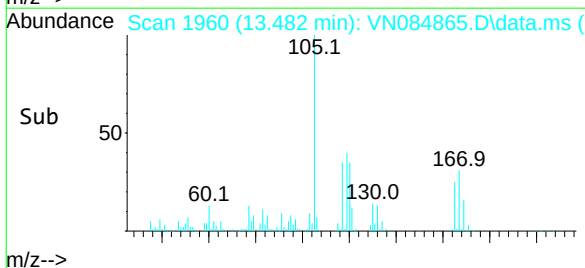
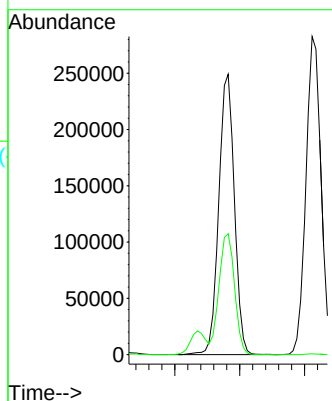
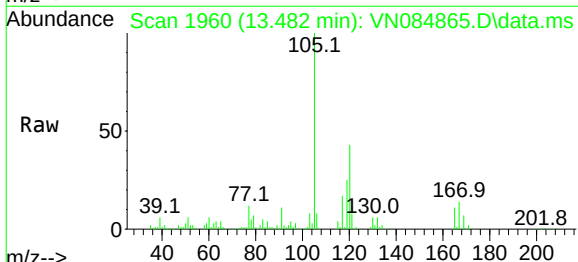
Manual Integrations
APPROVED

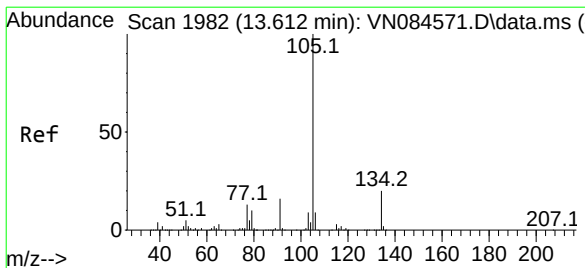
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#84
1,2,4-Trimethylbenzene
Concen: 54.434 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Tgt Ion:105 Resp: 415241
Ion Ratio Lower Upper
105 100
120 43.1 22.3 66.8





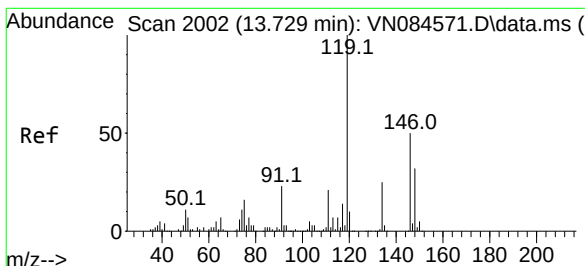
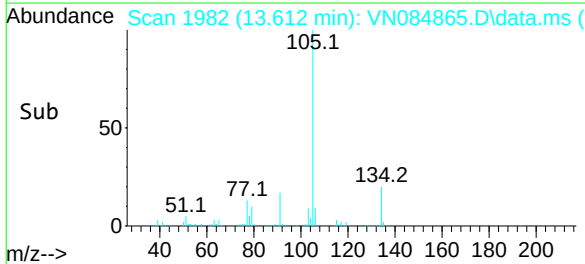
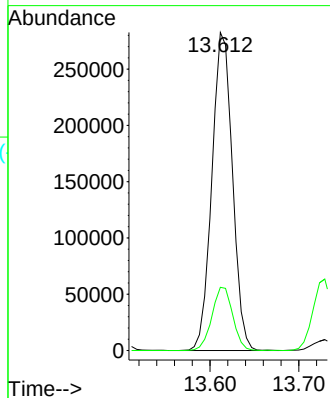
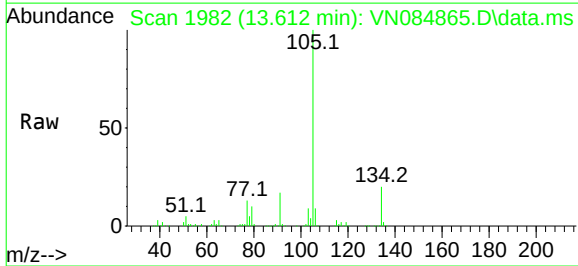
#85
sec-Butylbenzene
Concen: 52.655 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 454969
Ion Ratio Lower Upper
105 100
134 20.1 9.8 29.4

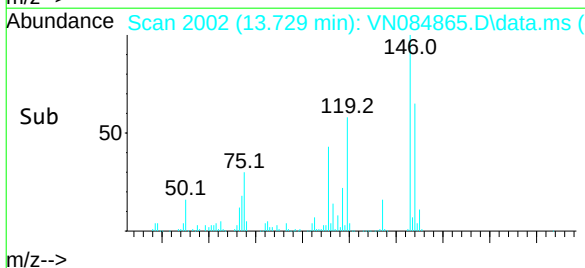
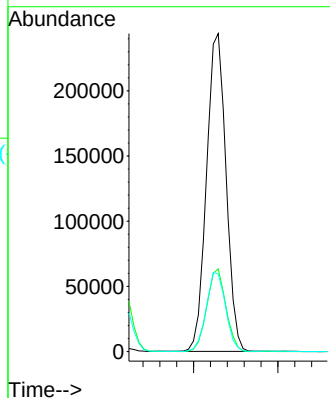
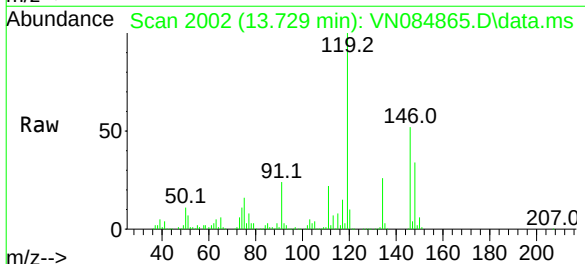
Manual Integrations
APPROVED

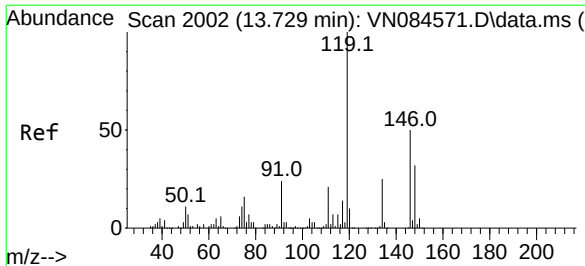
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#86
p-Isopropyltoluene
Concen: 55.294 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Tgt Ion:119 Resp: 391835
Ion Ratio Lower Upper
119 100
134 25.4 12.6 37.8
91 24.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 45.591 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

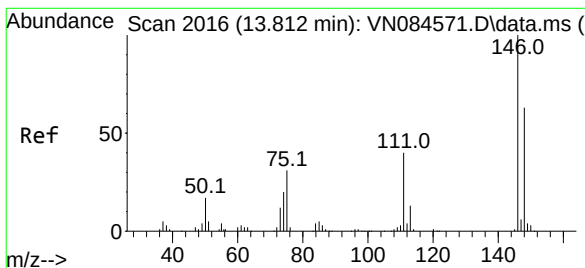
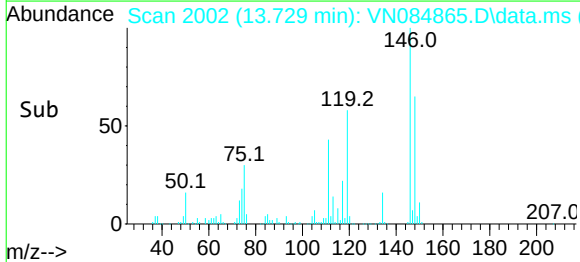
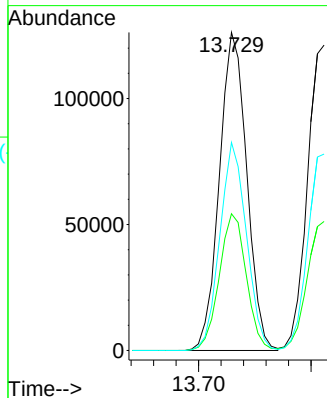
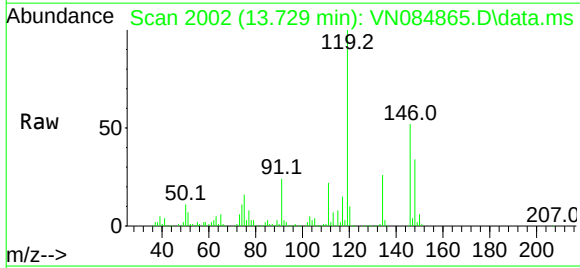
Tgt Ion:	146	Resp:	213302
Ion Ratio	Lower	Upper	
146	100		
111	42.6	21.8	65.3
148	63.7	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#88

1,4-Dichlorobenzene

Concen: 48.842 ug/l

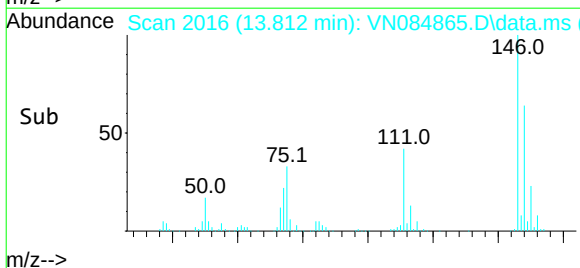
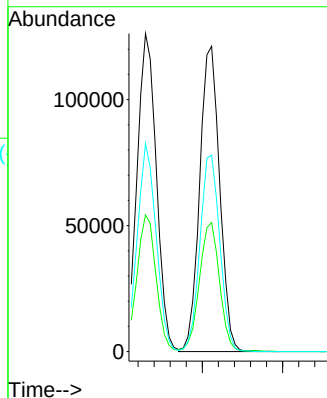
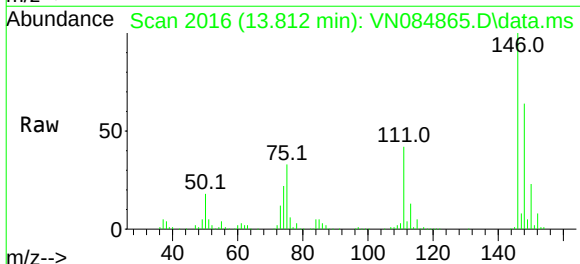
RT: 13.812 min Scan# 2016

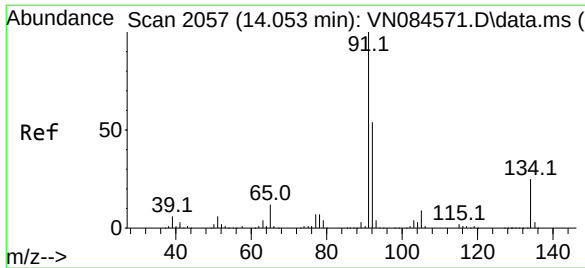
Delta R.T. -0.000 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

Tgt Ion:	146	Resp:	209673
Ion Ratio	Lower	Upper	
146	100		
111	41.9	21.2	63.6
148	64.1	31.9	95.9





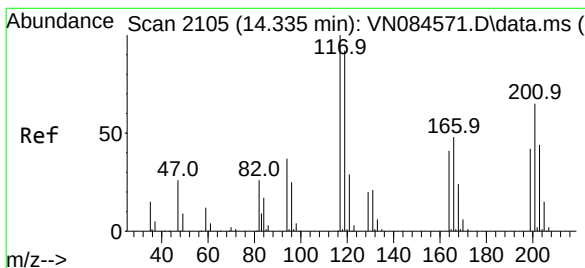
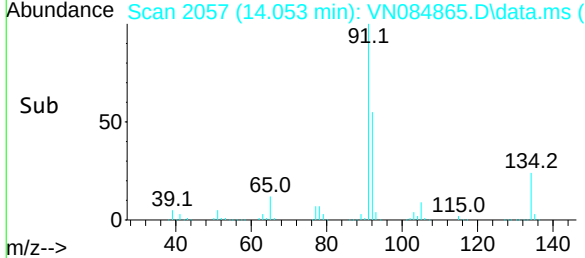
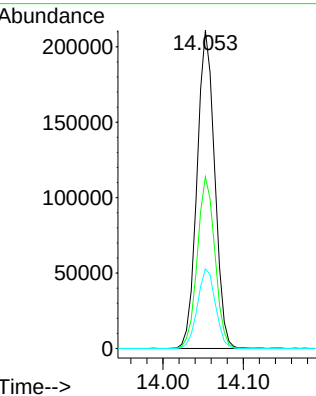
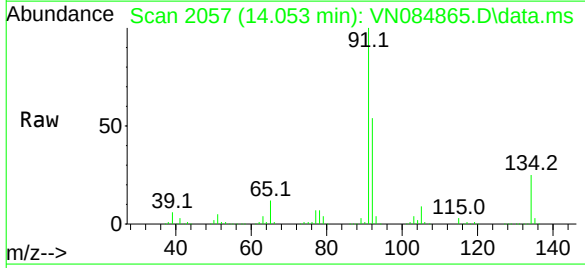
#89
n-Butylbenzene
Concen: 48.553 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 321843
Ion Ratio Lower Upper
91 100
92 53.6 26.6 79.7
134 25.5 12.3 36.9

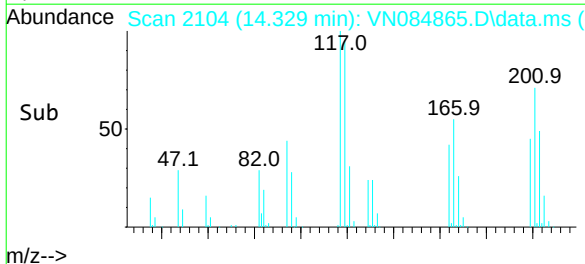
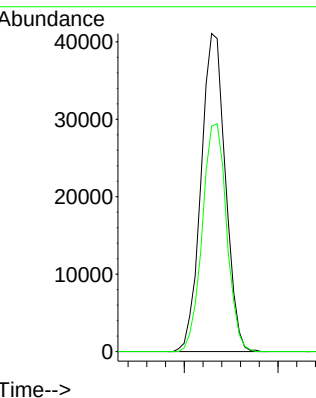
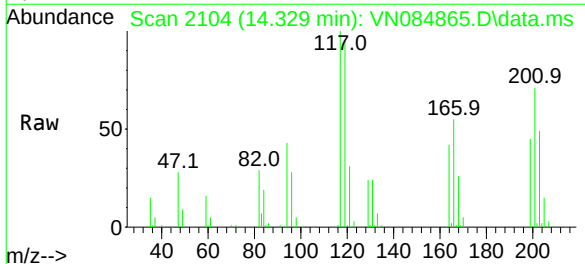
Manual Integrations
APPROVED

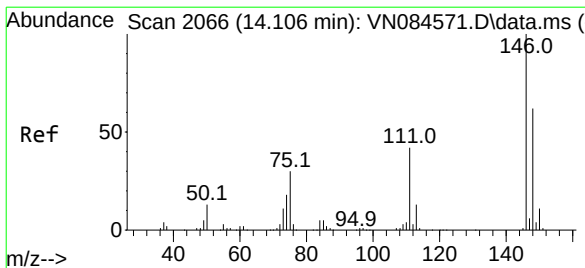
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#90
Hexachloroethane
Concen: 46.799 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084865.D
Acq: 14 Nov 2024 20:34

Tgt Ion:117 Resp: 73957
Ion Ratio Lower Upper
117 100
201 71.5 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 45.267 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

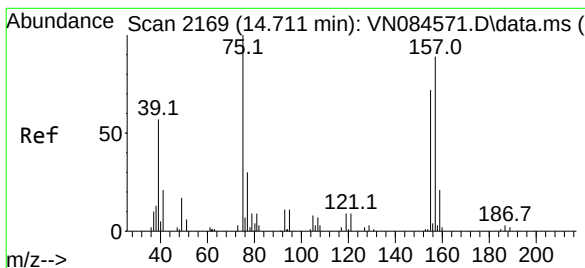
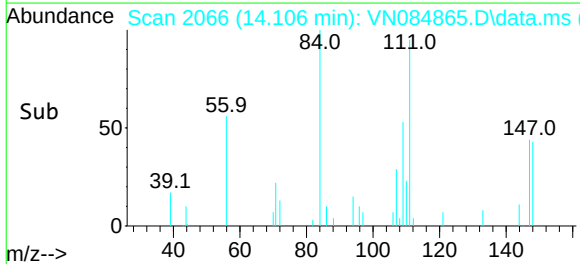
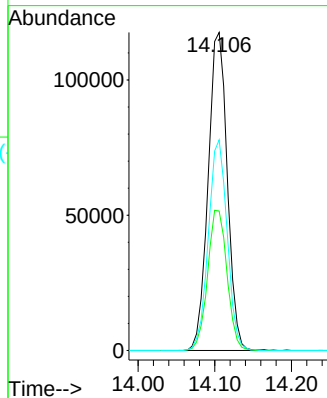
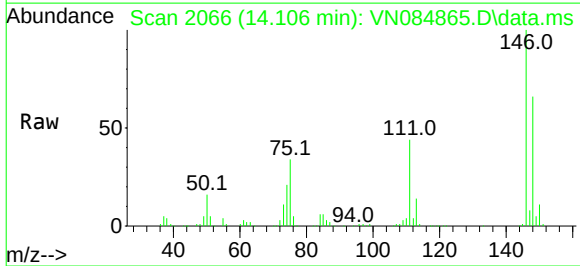
Tgt Ion:	146	Resp:	203509
Ion Ratio	Lower	Upper	
146	100		
111	44.8	22.0	66.0
148	65.3	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.266 ug/l

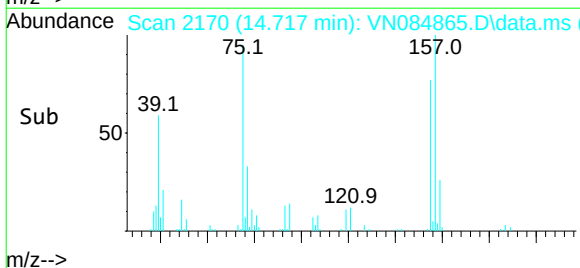
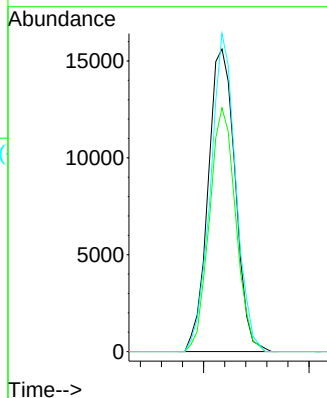
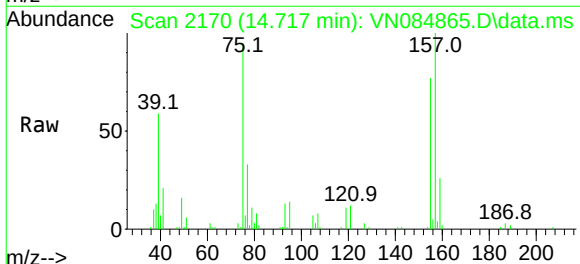
RT: 14.717 min Scan# 2170

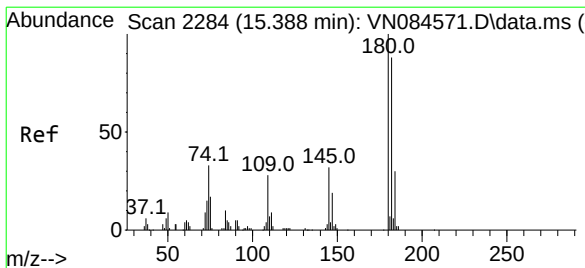
Delta R.T. 0.000 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

Tgt Ion:	75	Resp:	27899
Ion Ratio	Lower	Upper	
75	100		
155	78.0	38.1	114.5
157	97.7	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 43.040 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

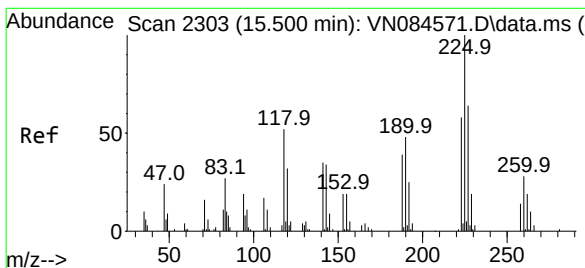
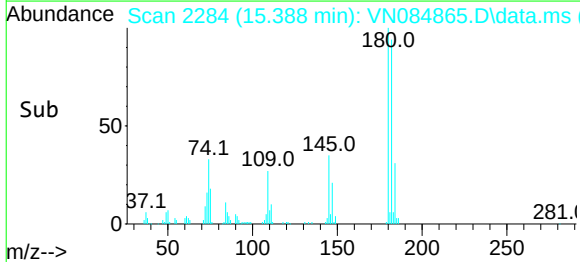
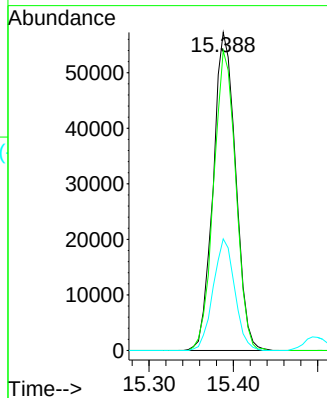
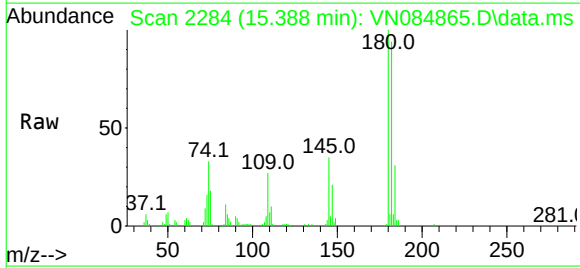
Tgt Ion:	180	Resp:	105910
Ion Ratio	Lower	Upper	
180	100		
182	92.9	47.0	141.0
145	33.7	16.4	49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#94

Hexachlorobutadiene

Concen: 43.689 ug/l

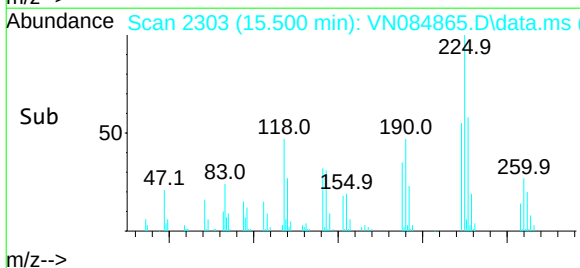
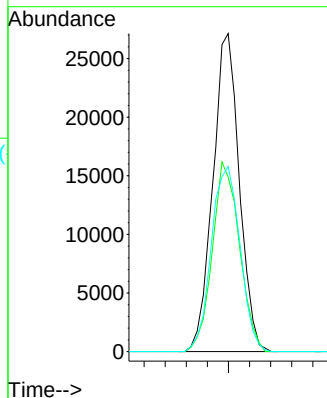
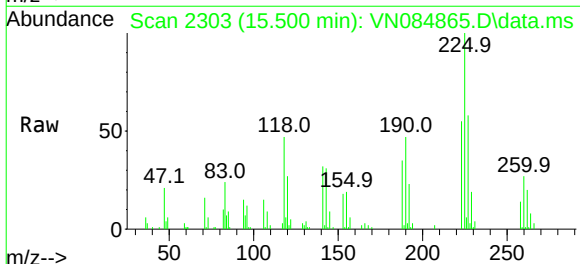
RT: 15.500 min Scan# 2303

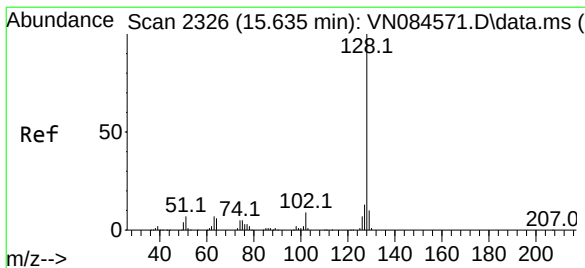
Delta R.T. -0.000 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

Tgt Ion:	225	Resp:	47212
Ion Ratio	Lower	Upper	
225	100		
223	61.2	32.4	97.2
227	63.4	32.4	97.0





#95

Naphthalene

Concen: 47.152 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

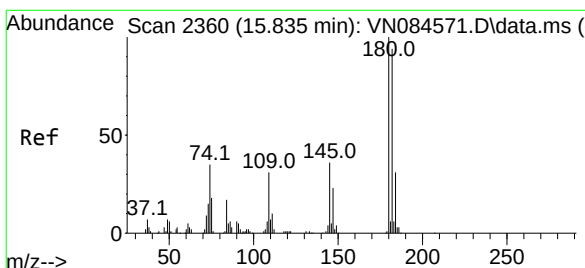
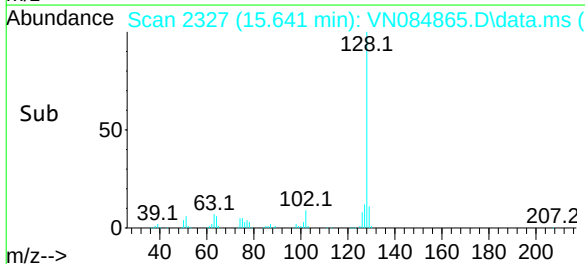
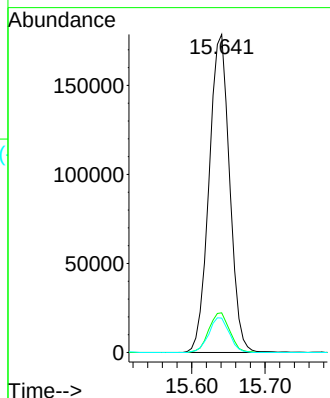
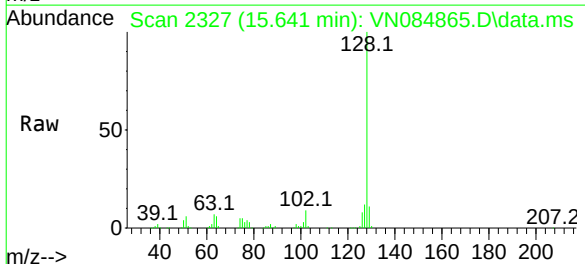
Tgt Ion:	128	Resp:	347298
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#96

1,2,3-Trichlorobenzene

Concen: 43.403 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084865.D

Acq: 14 Nov 2024 20:34

Tgt Ion:	180	Resp:	103679
Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.2	144.6
145	34.6	17.3	51.9

