

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
 Data File : VN084845.D
 Acq On : 14 Nov 2024 11:53
 Operator : JC\MD
 Sample : VN1114WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 15 00:43:18 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	8.224	168	179665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	296457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119832	46.179	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.360%		
35) Dibromofluoromethane	8.159	113	95949	47.815	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.640%		
50) Toluene-d8	10.565	98	353681	47.847	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.700%		
62) 4-Bromofluorobenzene	12.847	95	138440	50.112	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	46228	22.382	ug/l	90
3) Chloromethane	2.359	50	51993	19.938	ug/l	97
4) Vinyl Chloride	2.512	62	56731	25.538	ug/l	94
5) Bromomethane	2.900	94	28203	23.962	ug/l	89
6) Chloroethane	3.083	64	35758	25.315	ug/l	99
7) Trichlorofluoromethane	3.477	101	86566	23.656	ug/l	97
8) Diethyl Ether	3.959	74	31128	24.114	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	49961	24.162	ug/l	97
10) Methyl Iodide	4.583	142	67026	24.254	ug/l	92
11) Tert butyl alcohol	5.524	59	37388	109.153	ug/l #	82
12) 1,1-Dichloroethene	4.330	96	46302	22.630	ug/l	98
13) Acrolein	4.177	56	32937	96.431	ug/l	98
14) Allyl chloride	5.018	41	74317	22.397	ug/l	91
15) Acrylonitrile	5.718	53	113008	113.965	ug/l	98
16) Acetone	4.424	43	91249	120.252	ug/l	96
17) Carbon Disulfide	4.706	76	127857	20.292	ug/l	99
18) Methyl Acetate	5.024	43	57867	18.629	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	153274	24.441	ug/l	97
20) Methylene Chloride	5.265	84	51340	22.495	ug/l	88
21) trans-1,2-Dichloroethene	5.777	96	47404	22.564	ug/l	98
22) Diisopropyl ether	6.665	45	155265	23.550	ug/l	98
23) Vinyl Acetate	6.594	43	534343	117.523	ug/l	95
24) 1,1-Dichloroethane	6.565	63	92468	23.360	ug/l	97
25) 2-Butanone	7.477	43	140653	116.181	ug/l	95
26) 2,2-Dichloropropane	7.488	77	86387	25.074	ug/l	98
27) cis-1,2-Dichloroethene	7.477	96	57510	23.444	ug/l	97
28) Bromochloromethane	7.806	49	33232	21.072	ug/l	89
29) Tetrahydrofuran	7.835	42	90578	112.778	ug/l	95
30) Chloroform	7.959	83	96373	23.921	ug/l	98
31) Cyclohexane	8.253	56	78836	22.005	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	87277	23.801	ug/l	98
36) 1,1-Dichloropropene	8.365	75	66540	23.910	ug/l	99
37) Ethyl Acetate	7.553	43	57226	22.664	ug/l	96
38) Carbon Tetrachloride	8.359	117	76906	24.723	ug/l	99
39) Methylcyclohexane	9.600	83	72972	25.774	ug/l	96
40) Benzene	8.600	78	211367	23.650	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	32812	24.165	ug/l	97
42) 1,2-Dichloroethane	8.665	62	68874	23.795	ug/l	98
43) Isopropyl Acetate	8.682	43	105511	22.080	ug/l	98
44) Trichloroethene	9.347	130	48376	23.470	ug/l	92
45) 1,2-Dichloropropane	9.618	63	51262	24.451	ug/l	95
46) Dibromomethane	9.706	93	35492	23.991	ug/l	97
47) Bromodichloromethane	9.882	83	75185	24.110	ug/l #	98
48) Methyl methacrylate	9.676	41	47892	24.371	ug/l	97
49) 1,4-Dioxane	9.694	88	17635	506.415	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	288654	119.919	ug/l	98
52) Toluene	10.623	92	132725	25.392	ug/l	97
53) t-1,3-Dichloropropene	10.829	75	75339	23.339	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	82561	24.166	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	47803	24.278	ug/l	97
56) Ethyl methacrylate	10.871	69	71890	25.242	ug/l	96
57) 1,3-Dichloropropane	11.159	76	80678	23.875	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	144503	108.429	ug/l	96
59) 2-Hexanone	11.194	43	216196	123.395	ug/l	96
60) Dibromochloromethane	11.353	129	56524	25.189	ug/l	99
61) 1,2-Dibromoethane	11.465	107	47648	23.631	ug/l	100
64) Tetrachloroethene	11.100	164	43423	24.682	ug/l	95
65) Chlorobenzene	11.888	112	137314	23.206	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	50624	24.597	ug/l	98
67) Ethyl Benzene	11.959	91	240305	24.330	ug/l	100
68) m/p-Xylenes	12.070	106	181373	48.504	ug/l	98
69) o-Xylene	12.394	106	87838	25.111	ug/l	100
70) Styrene	12.406	104	149741	24.539	ug/l	99
71) Bromoform	12.576	173	37336	24.108	ug/l #	100
73) Isopropylbenzene	12.694	105	224162	23.701	ug/l	99
74) N-amyl acetate	12.494	43	88214	21.914	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	67668	21.435	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	54284m	20.121	ug/l	
77) Bromobenzene	12.982	156	54977	21.623	ug/l	96
78) n-propylbenzene	13.029	91	264379	23.854	ug/l	100
79) 2-Chlorotoluene	13.123	91	168660	23.290	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	197971	25.255	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	24200	21.281	ug/l	97
82) 4-Chlorotoluene	13.217	91	171666	22.525	ug/l	100
83) tert-Butylbenzene	13.435	119	162768	25.089	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	201637	24.923	ug/l	97
85) sec-Butylbenzene	13.611	105	225651	24.623	ug/l	100
86) p-Isopropyltoluene	13.729	119	189832	25.258	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	103386	20.835	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	103467	22.077	ug/l	99
89) n-Butylbenzene	14.053	91	157790	22.444	ug/l	99
90) Hexachloroethane	14.329	117	36492	21.772	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	102558	21.509	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12928	20.214	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	51500	19.733	ug/l	98
94) Hexachlorobutadiene	15.500	225	25256	22.036	ug/l	100
95) Naphthalene	15.641	128	151735	19.424	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	49971	19.724	ug/l	99

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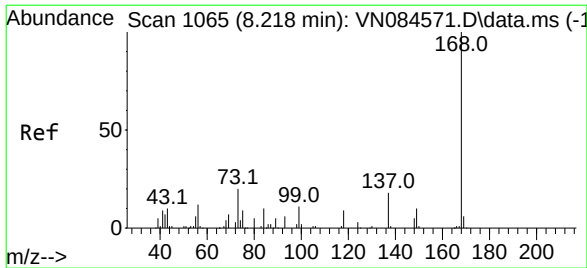
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



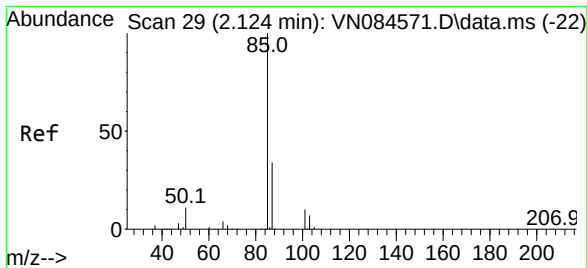
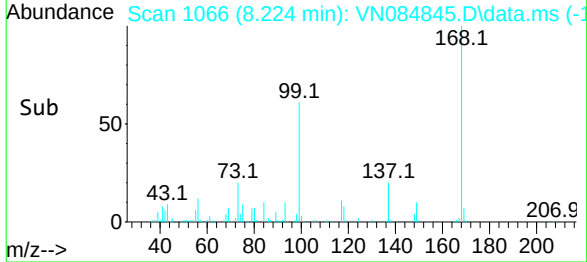
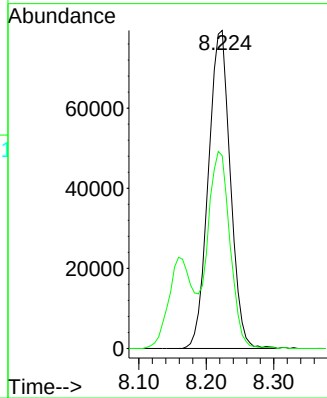
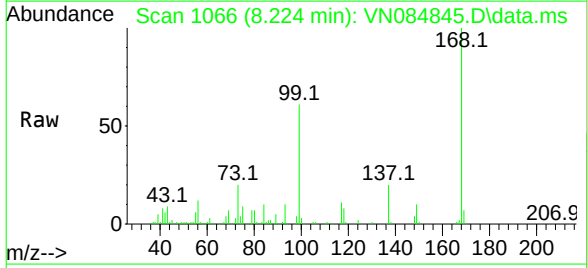
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084845.D
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MSVOA_N
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Tgt Ion:168 Resp: 179665
Ion Ratio Lower Upper
168 100
99 60.6 54.2 81.2

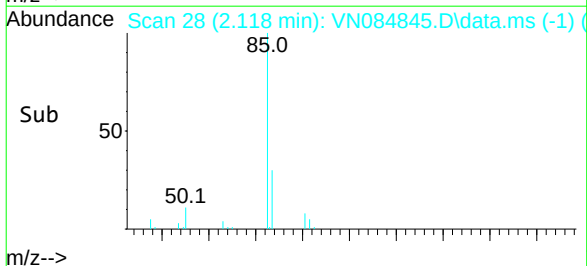
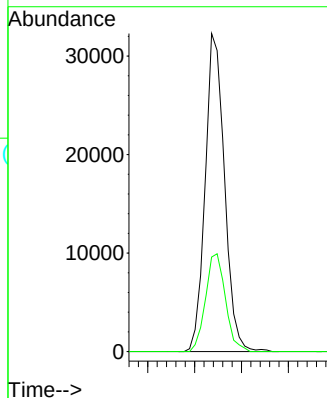
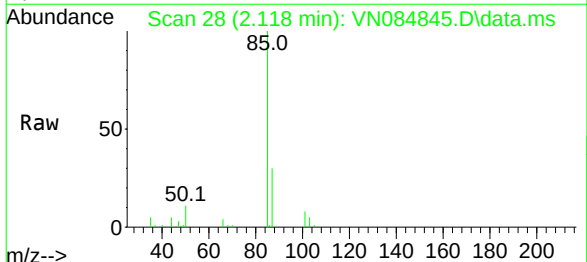
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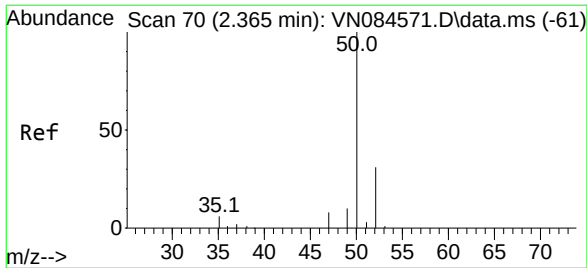
Reviewed By :John Carlone 11/15/2024
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#2
Dichlorodifluoromethane
Concen: 22.382 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Tgt Ion: 85 Resp: 46228
Ion Ratio Lower Upper
85 100
87 29.7 17.6 52.9





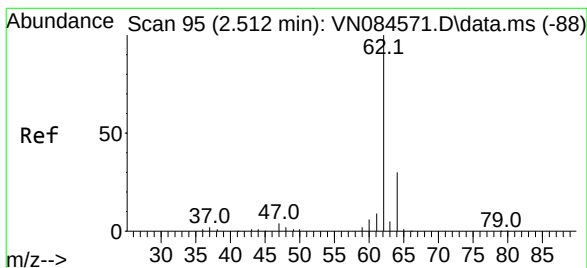
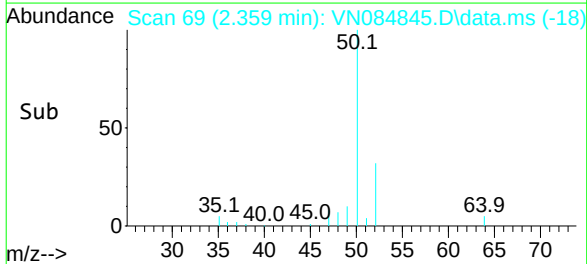
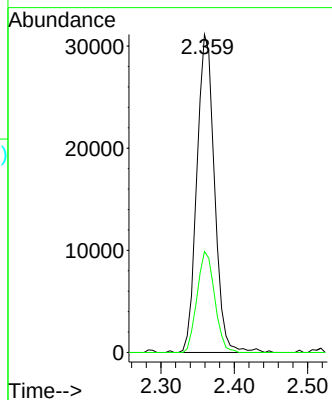
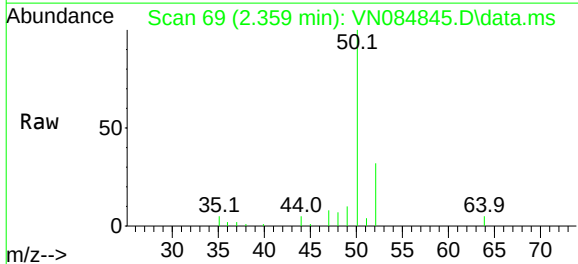
#3
Chloromethane
Concen: 19.938 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

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Tgt Ion: 50 Resp: 51993
Ion Ratio Lower Upper
50 100
52 31.7 26.8 40.2

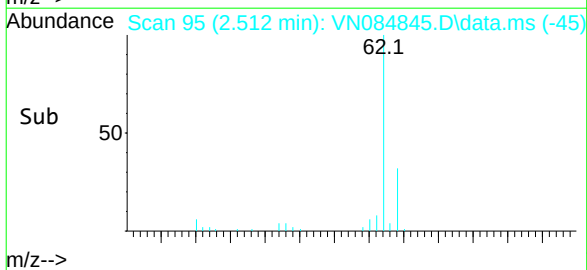
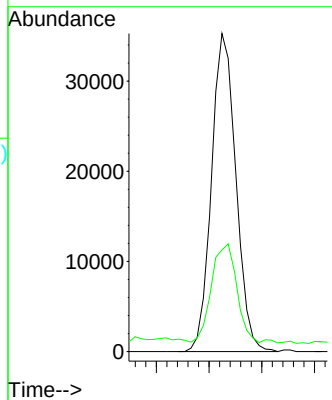
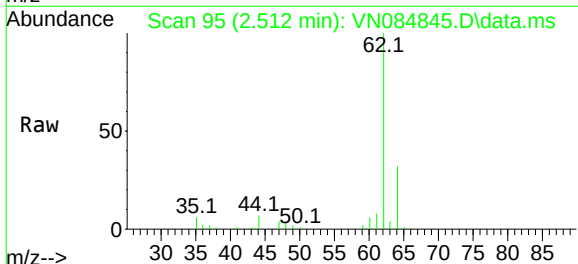
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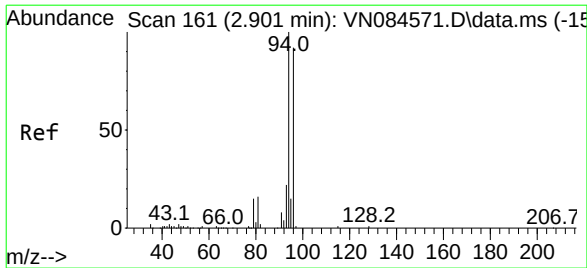
Reviewed By :John Carlone 11/15/2024
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#4
Vinyl Chloride
Concen: 25.538 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

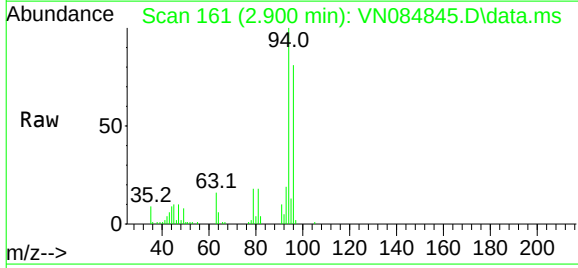
Tgt Ion: 62 Resp: 56731
Ion Ratio Lower Upper
62 100
64 29.2 26.2 39.4





#5
Bromomethane
Concen: 23.962 ug/l
RT: 2.900 min Scan# 161
Delta R.T. -0.053 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

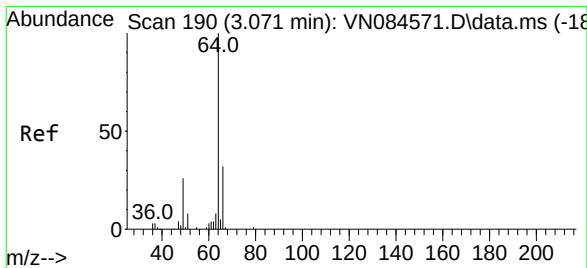
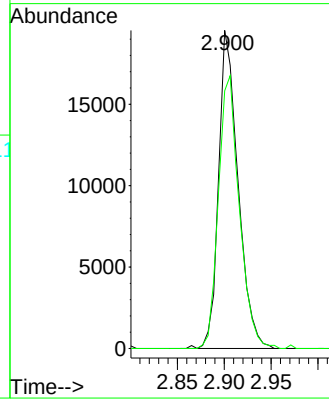
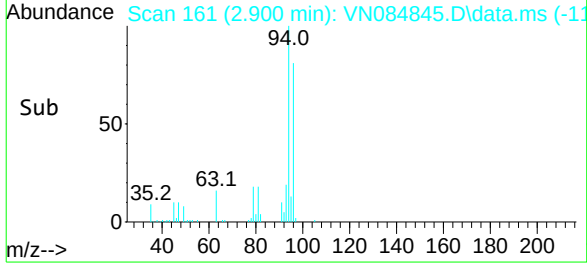
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Tgt Ion: 94 Resp: 28203
Ion Ratio Lower Upper
94 100
96 81.0 72.9 109.3

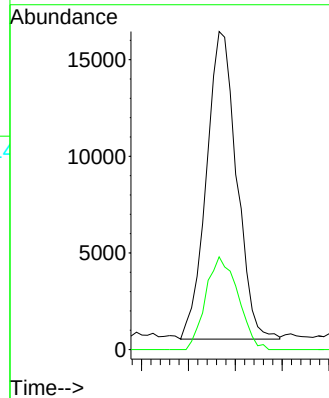
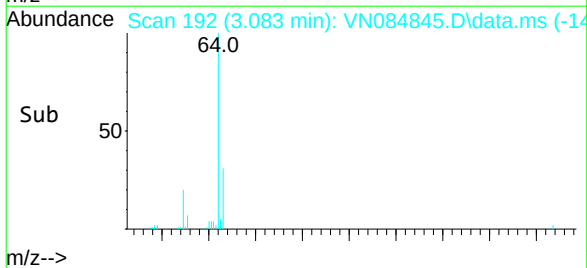
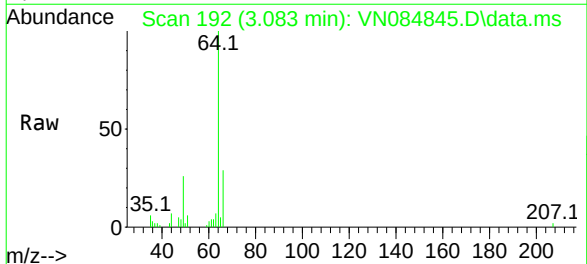
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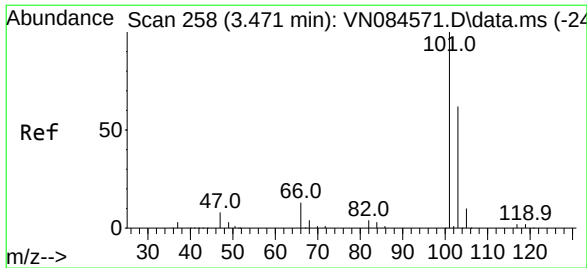
Reviewed By :John Carlone 11/15/2024
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#6
Chloroethane
Concen: 25.315 ug/l
RT: 3.083 min Scan# 192
Delta R.T. -0.035 min
Lab File: VN084845.D
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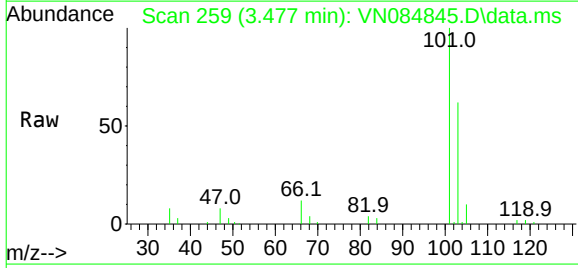
Tgt Ion: 64 Resp: 35758
Ion Ratio Lower Upper
64 100
66 30.1 23.5 35.3





#7
 Trichlorofluoromethane
 Concen: 23.656 ug/l
 RT: 3.477 min Scan# 258
 Delta R.T. -0.018 min
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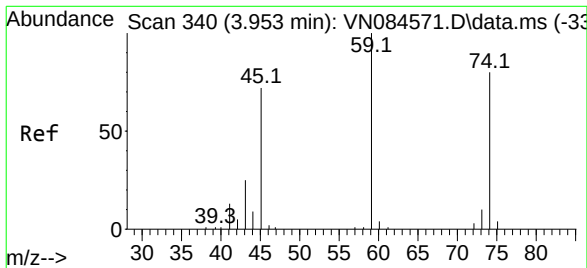
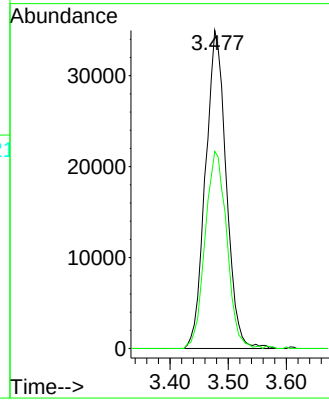
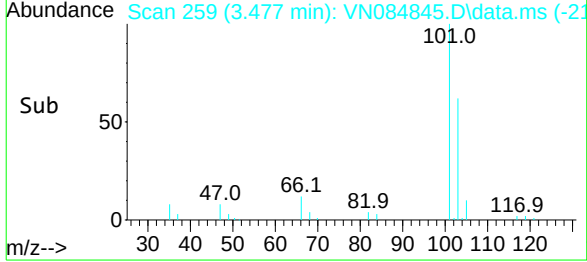
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Tgt Ion: 101 Resp: 86566
 Ion Ratio Lower Upper
 101 100
 103 62.0 51.8 77.6

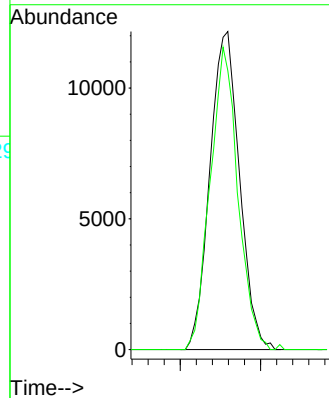
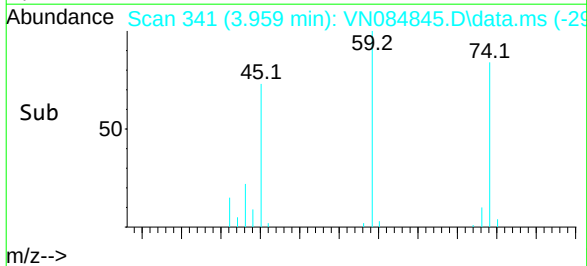
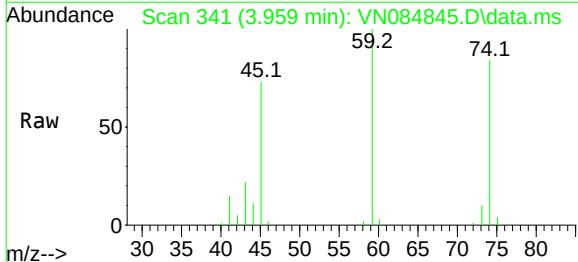
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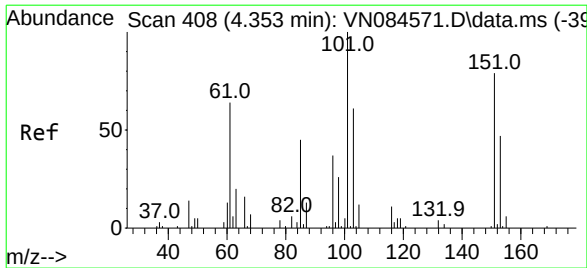
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#8
 Diethyl Ether
 Concen: 24.114 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 31128
 Ion Ratio Lower Upper
 74 100
 45 89.1 47.7 143.1





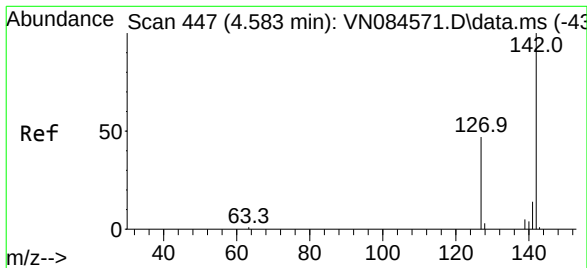
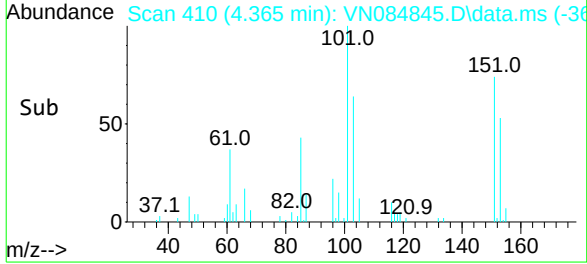
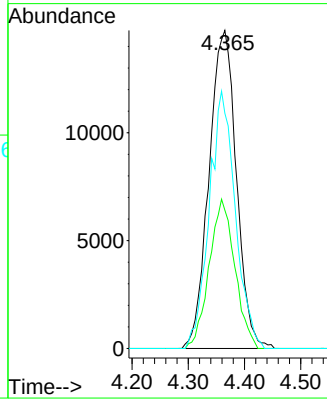
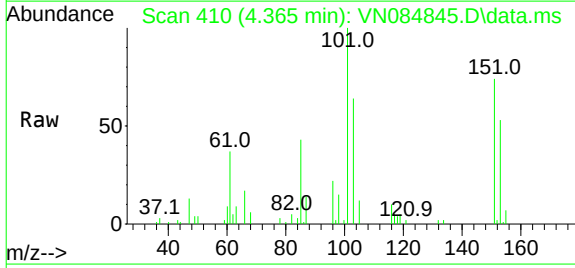
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1,1,2-Trichlorotrifluoroethane
Concen: 24.162 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN084845.D
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ClientSampleId :
VN1114WBS01

Tgt Ion:101 Resp: 49961
Ion Ratio Lower Upper
101 100
85 43.9 36.2 54.4
151 77.0 59.3 88.9

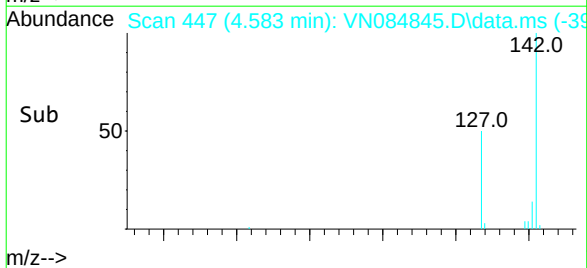
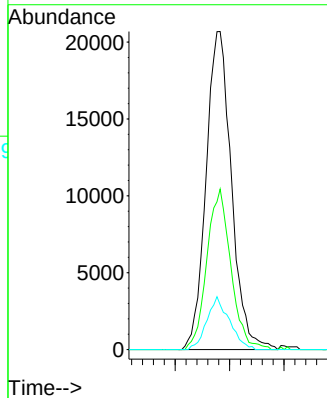
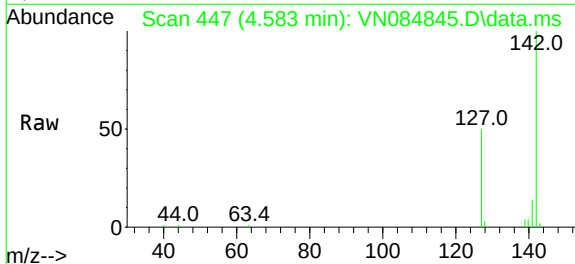
Manual Integrations
APPROVED

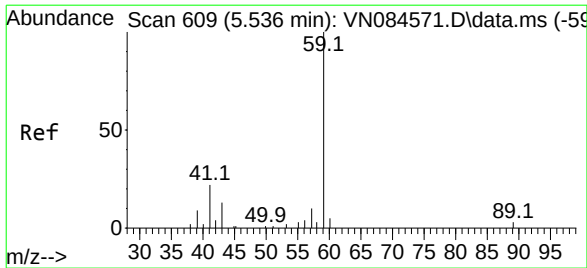
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#10
Methyl Iodide
Concen: 24.254 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Tgt Ion:142 Resp: 67026
Ion Ratio Lower Upper
142 100
127 50.5 35.3 52.9
141 14.1 11.0 16.6





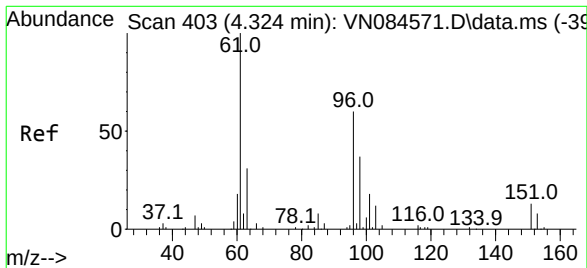
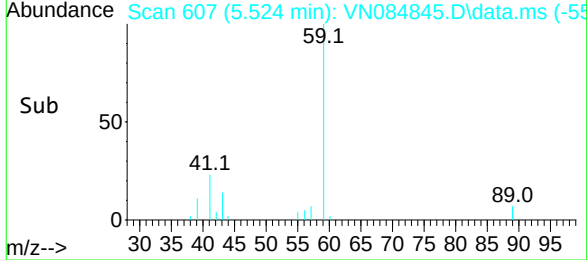
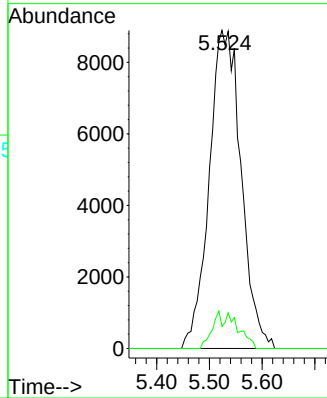
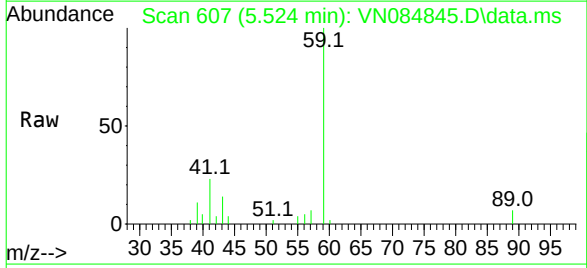
#11
Tert butyl alcohol
Concen: 109.153 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 59 Resp: 37388
Ion Ratio Lower Upper
59 100
57 3.7 8.2 12.2#

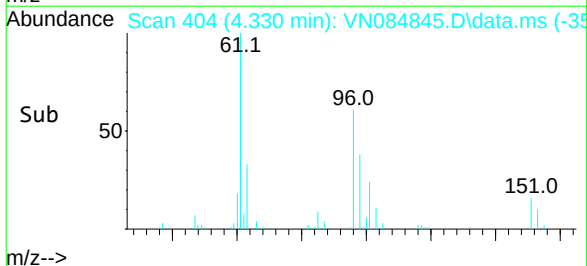
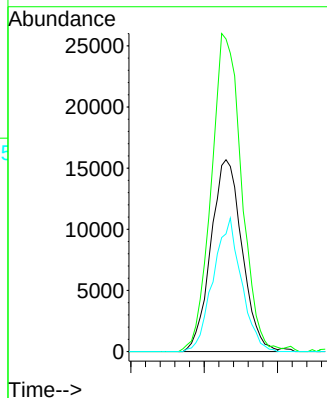
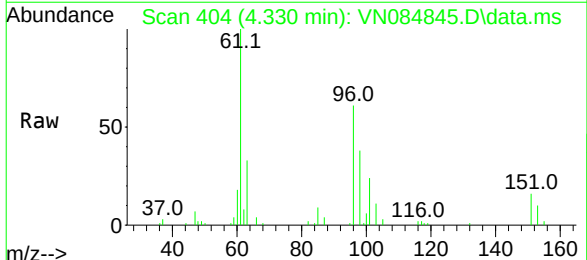
Manual Integrations
APPROVED

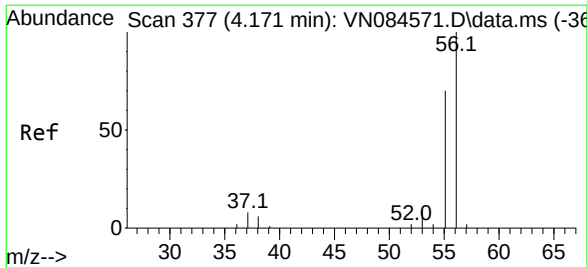
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#12
1,1-Dichloroethene
Concen: 22.630 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.012 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Tgt Ion: 96 Resp: 46302
Ion Ratio Lower Upper
96 100
61 162.9 128.6 192.8
98 61.4 51.7 77.5





#13

Acrolein

Concen: 96.431 ug/l

RT: 4.177 min Scan# 37

Delta R.T. -0.000 min

Lab File: VN084845.D

Acq: 14 Nov 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

Tgt Ion: 56 Resp: 32937

Ion Ratio Lower Upper

56 100

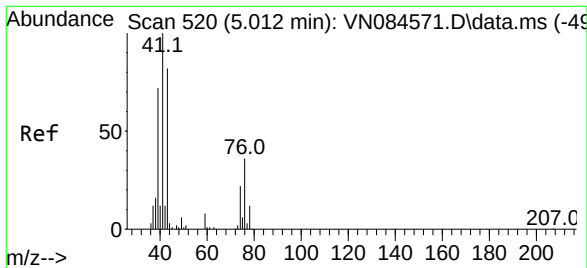
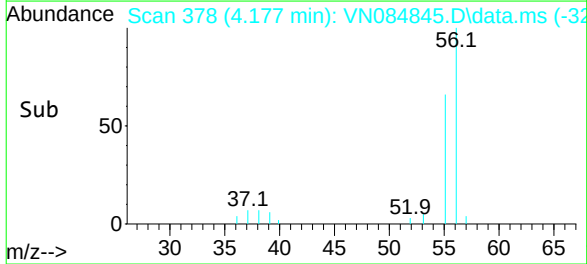
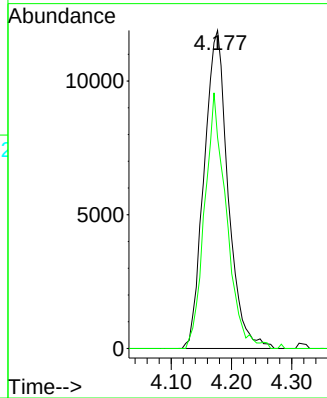
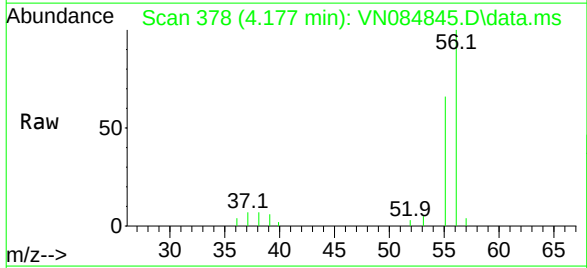
55 72.9 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#14

Allyl chloride

Concen: 22.397 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN084845.D

Acq: 14 Nov 2024 11:53

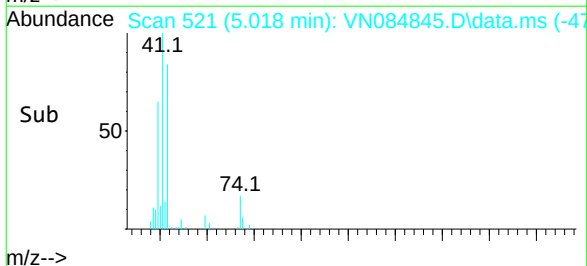
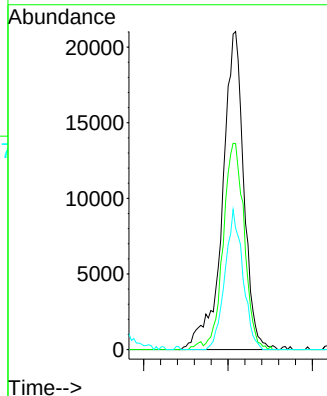
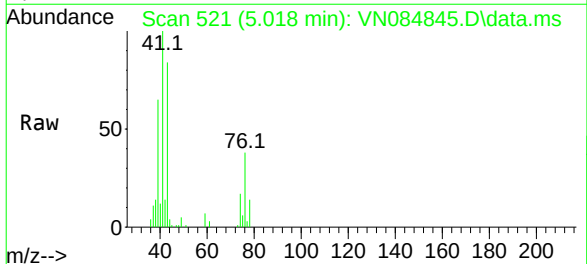
Tgt Ion: 41 Resp: 74317

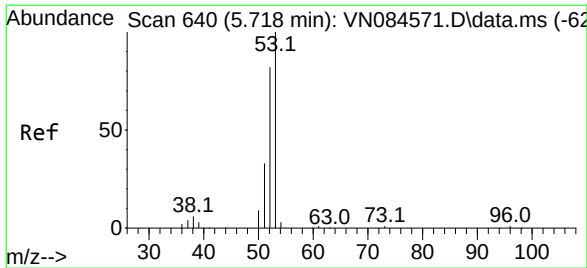
Ion Ratio Lower Upper

41 100

39 63.1 59.0 88.6

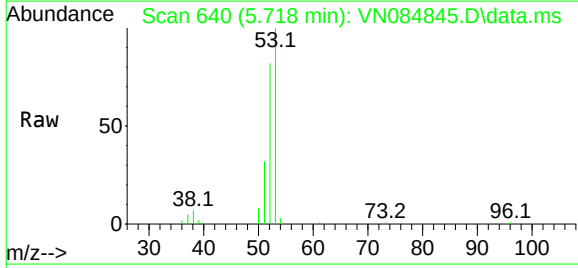
76 36.9 29.8 44.6





#15
Acrylonitrile
Concen: 113.965 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

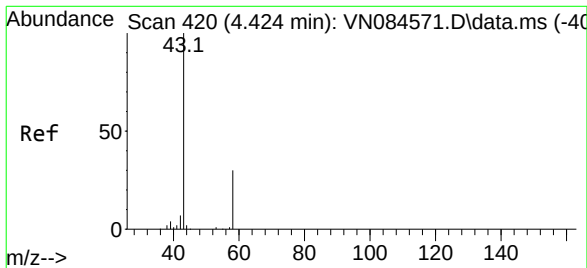
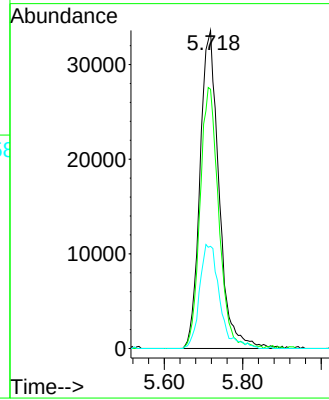
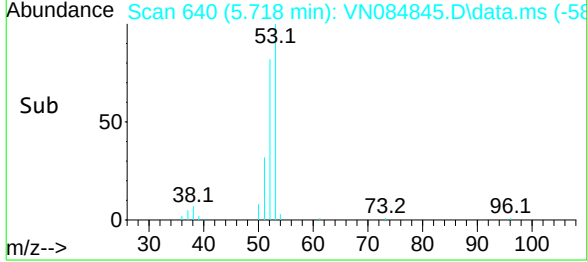
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 53 Resp: 113008
Ion Ratio Lower Upper
53 100
52 80.7 66.2 99.4
51 34.7 28.8 43.2

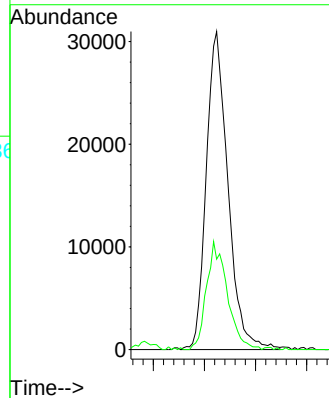
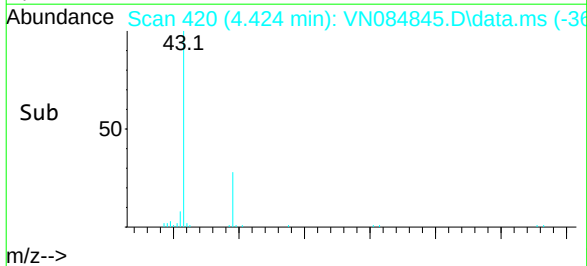
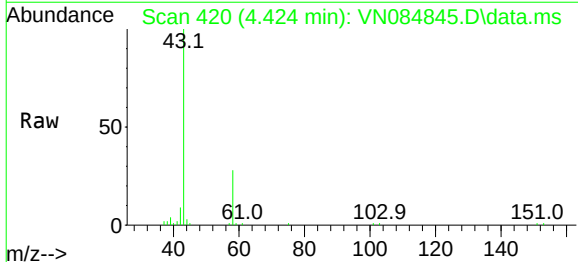
Manual Integrations
APPROVED

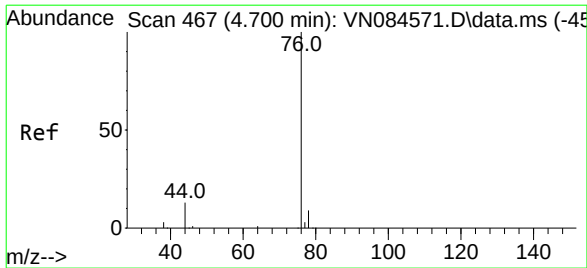
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#16
Acetone
Concen: 120.252 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Tgt Ion: 43 Resp: 91249
Ion Ratio Lower Upper
43 100
58 28.4 24.4 36.6





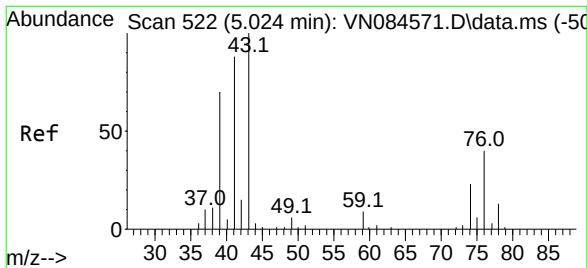
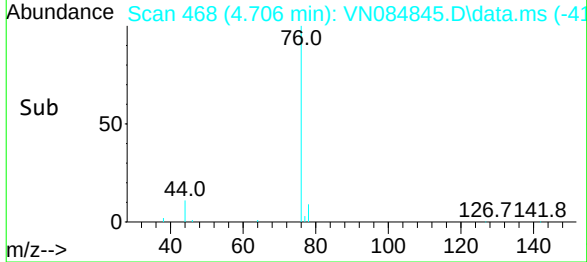
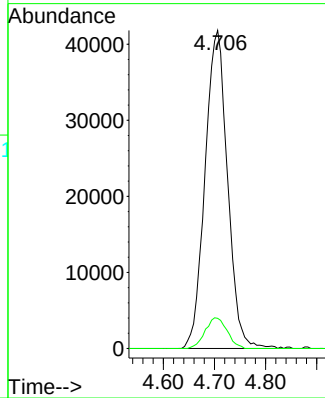
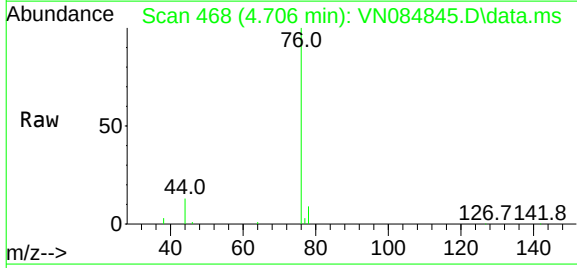
#17
Carbon Disulfide
Concen: 20.292 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 76 Resp: 127857
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

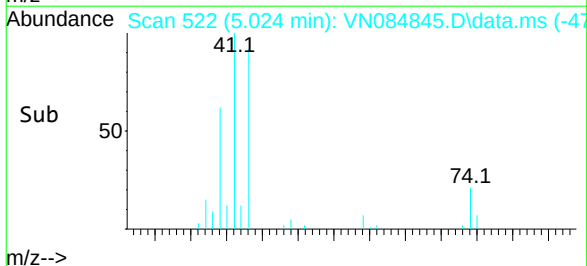
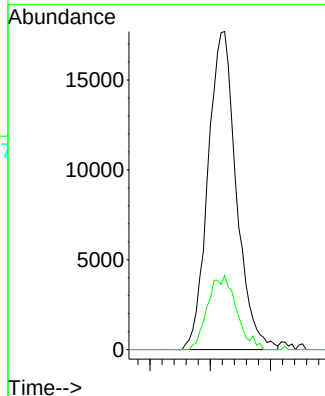
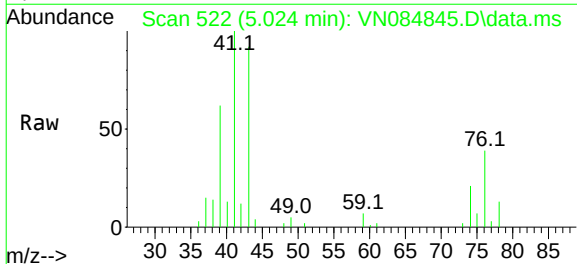
Manual Integrations
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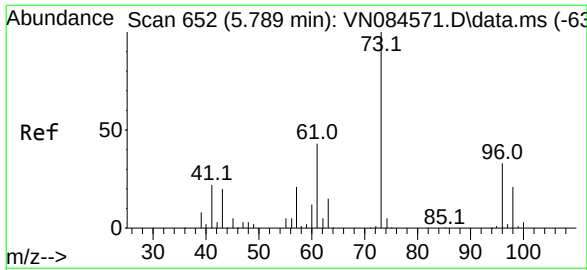
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#18
Methyl Acetate
Concen: 18.629 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Tgt Ion: 43 Resp: 57867
Ion Ratio Lower Upper
43 100
74 23.6 19.2 28.8





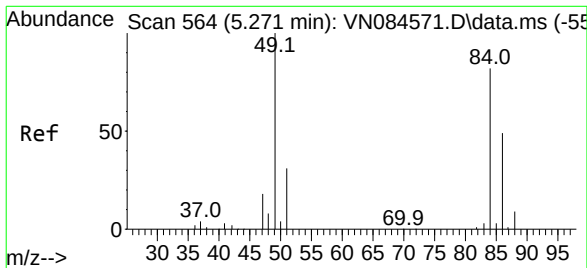
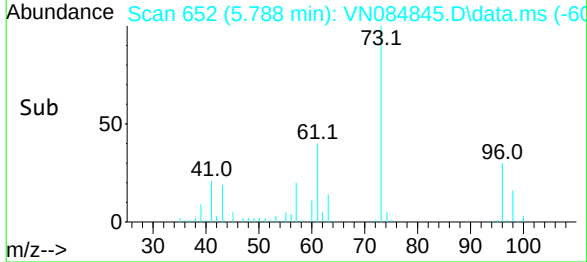
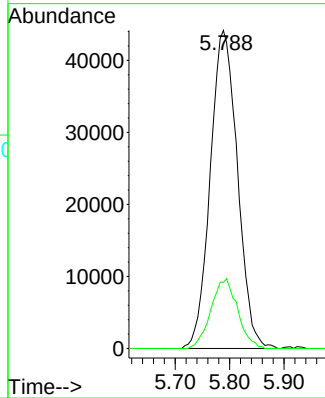
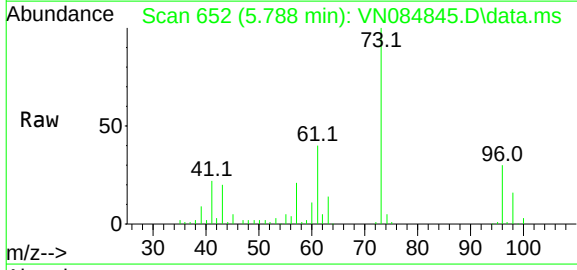
#19
Methyl tert-butyl Ether
Concen: 24.441 ug/l
RT: 5.788 min Scan# 65
Delta R.T. -0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 73 Resp: 153274
Ion Ratio Lower Upper
73 100
57 20.8 17.7 26.5

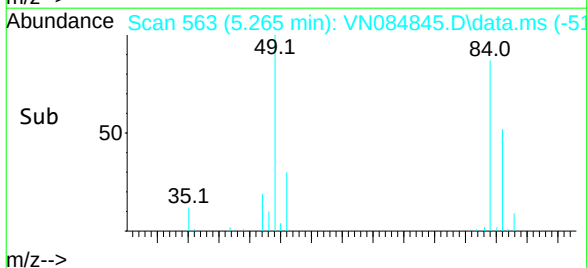
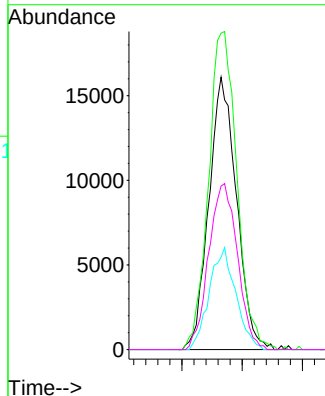
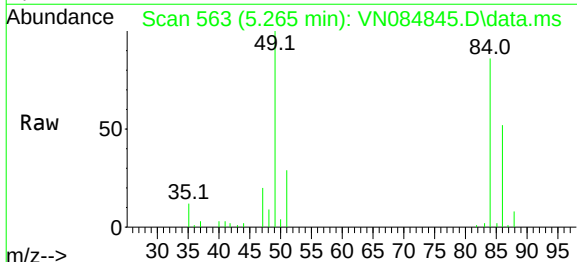
Manual Integrations
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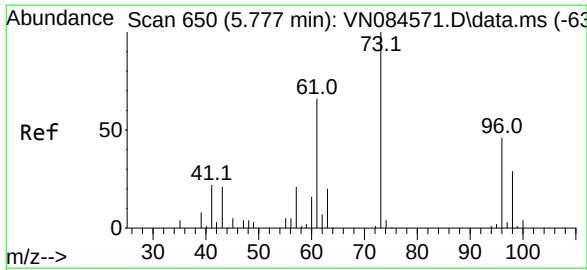
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#20
Methylene Chloride
Concen: 22.495 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

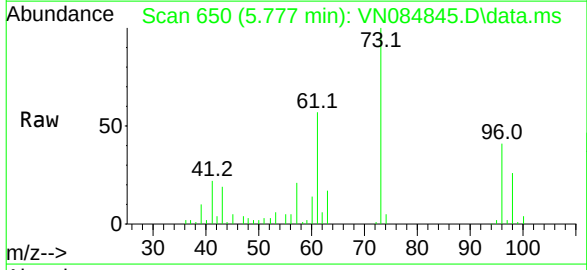
Tgt Ion: 84 Resp: 51340
Ion Ratio Lower Upper
84 100
49 116.2 107.2 160.8
51 33.9 31.8 47.8
86 60.0 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 22.564 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

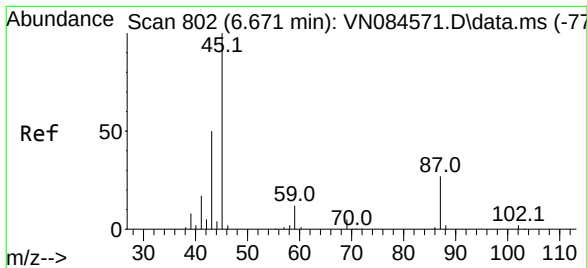
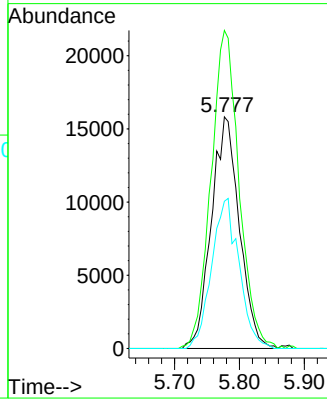
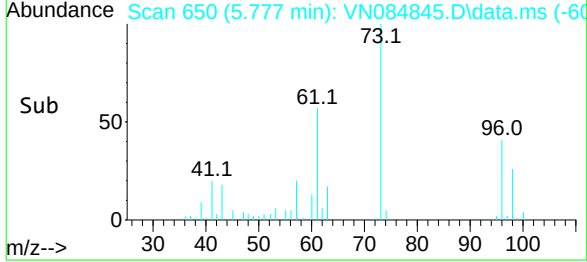
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 96 Resp: 47404
Ion Ratio Lower Upper
96 100
61 137.3 108.4 162.6
98 63.6 49.8 74.8

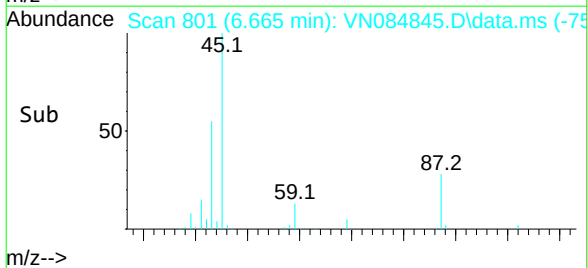
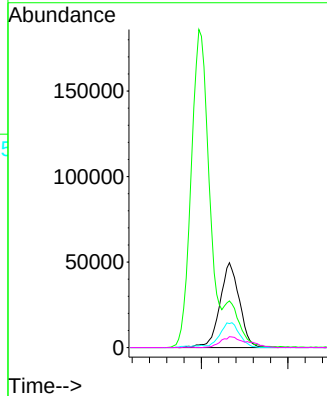
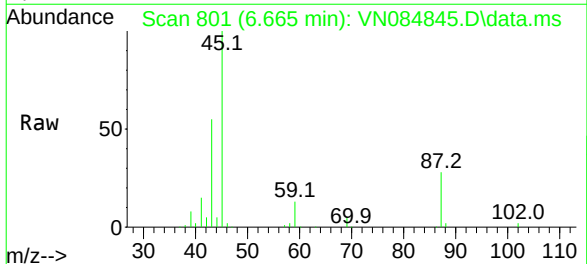
Manual Integrations
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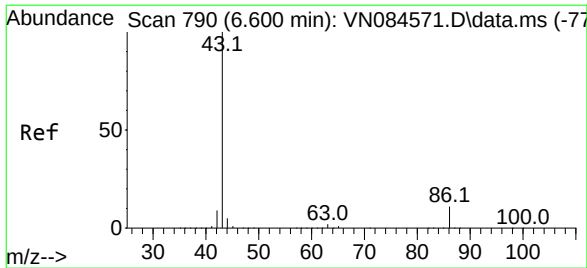
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#22
Diisopropyl ether
Concen: 23.550 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Tgt Ion: 45 Resp: 155265
Ion Ratio Lower Upper
45 100
43 54.2 42.3 63.5
87 28.3 21.8 32.6
59 12.9 9.6 14.4





#23

Vinyl Acetate

Concen: 117.523 ug/l

RT: 6.594 min Scan# 78

Delta R.T. -0.006 min

Lab File: VN084845.D

Acq: 14 Nov 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

Tgt Ion: 43 Resp: 534343

Ion Ratio Lower Upper

43 100

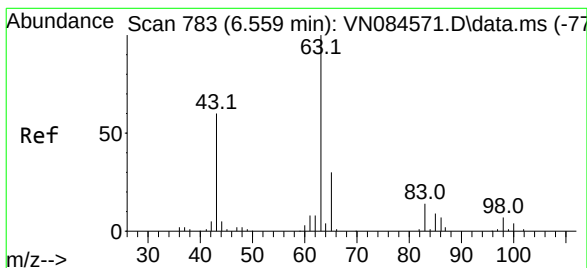
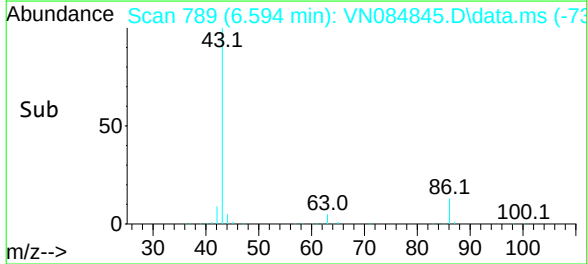
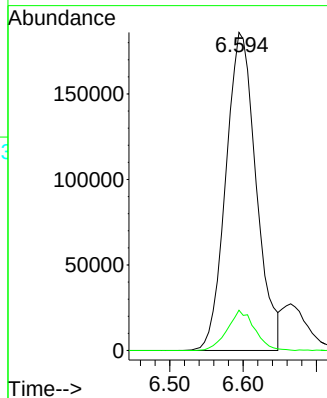
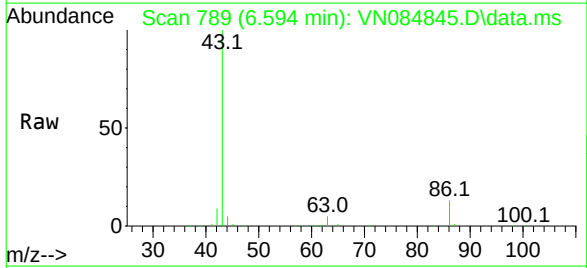
86 12.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#24

1,1-Dichloroethane

Concen: 23.360 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.006 min

Lab File: VN084845.D

Acq: 14 Nov 2024 11:53

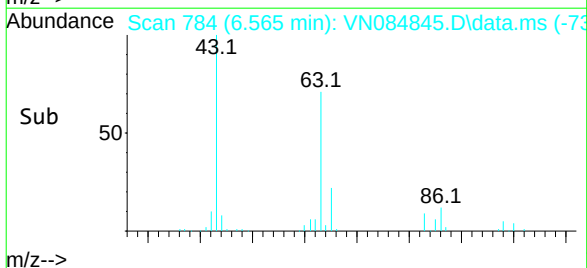
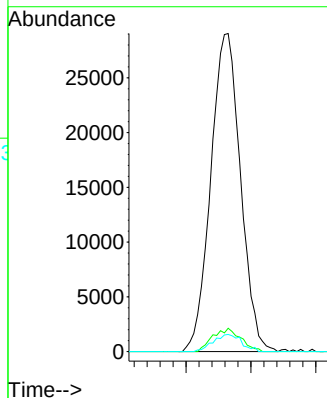
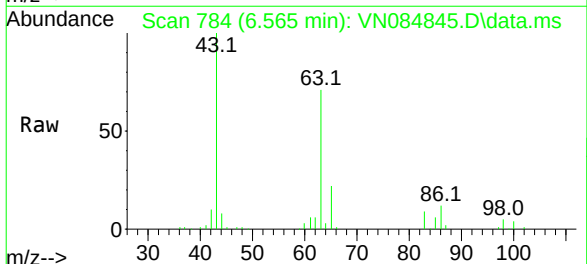
Tgt Ion: 63 Resp: 92468

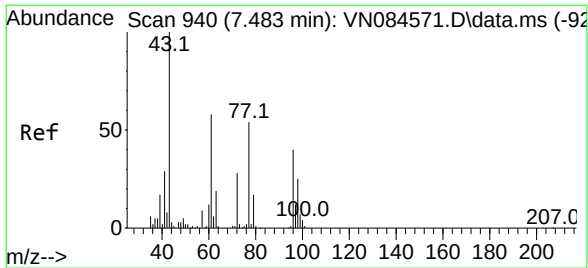
Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

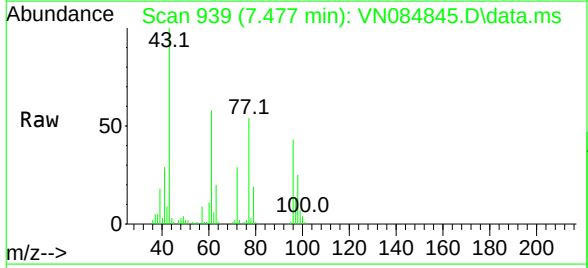
100 5.4 2.0 5.8





#25
2-Butanone
Concen: 116.181 ug/l
RT: 7.477 min Scan# 931
Delta R.T. -0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

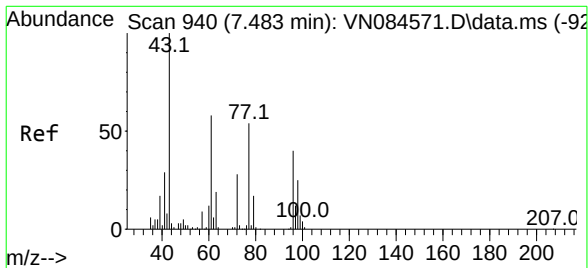
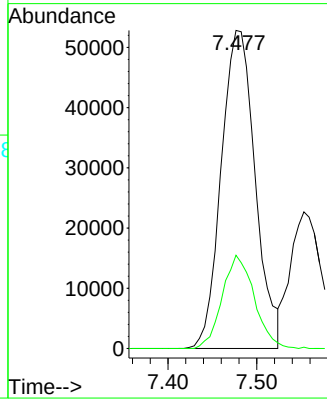
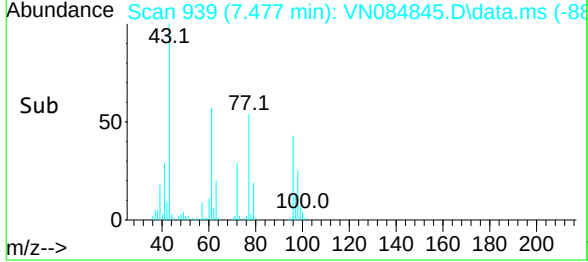
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



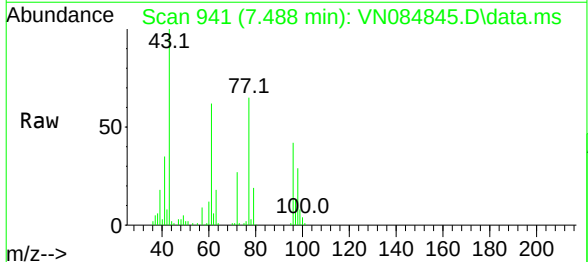
Tgt Ion: 43 Resp: 140653
Ion Ratio Lower Upper
43 100
72 29.3 21.4 32.2

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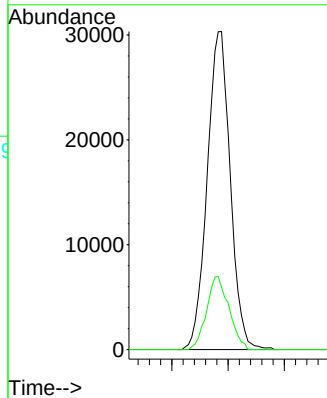
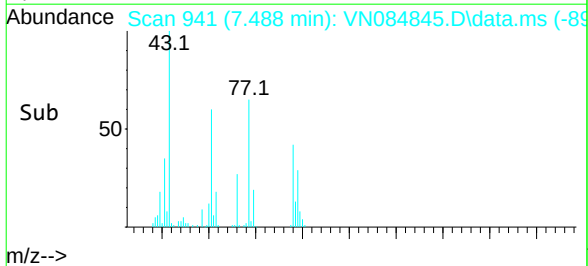
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024

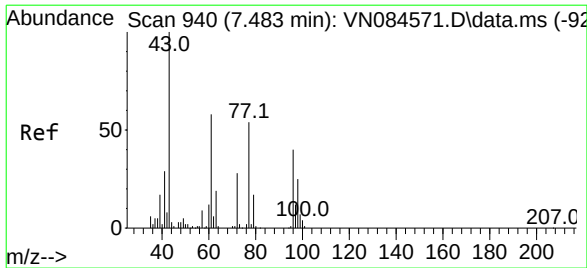


#26
2,2-Dichloropropane
Concen: 25.074 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53



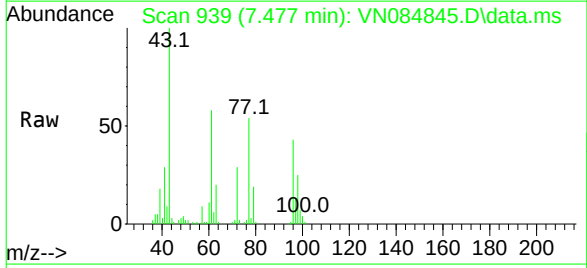
Tgt Ion: 77 Resp: 86387
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 23.444 ug/l
RT: 7.477 min Scan# 93
Delta R.T. -0.012 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

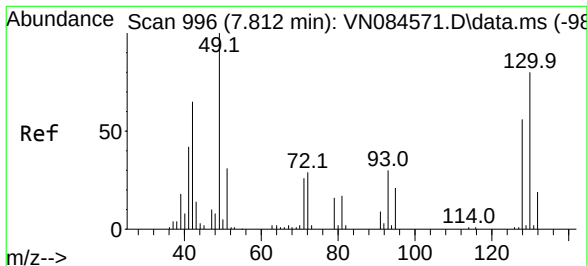
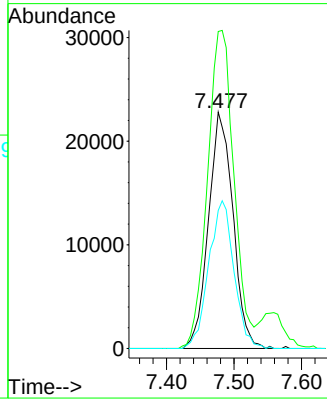
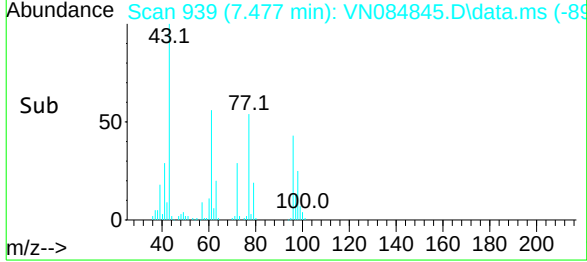
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 96 Resp: 57510
Ion Ratio Lower Upper
96 100
61 145.3 0.0 301.8
98 64.5 0.0 128.2

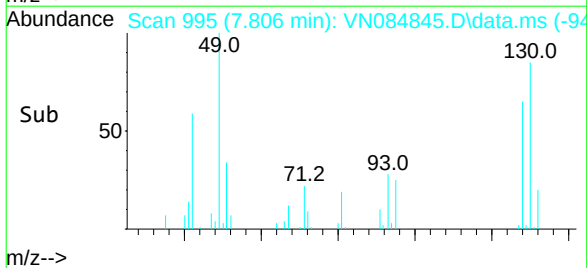
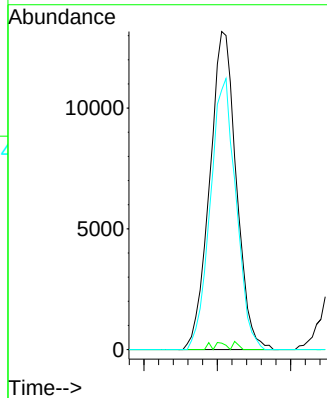
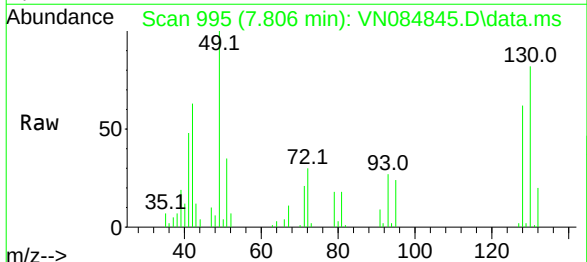
Manual Integrations
APPROVED

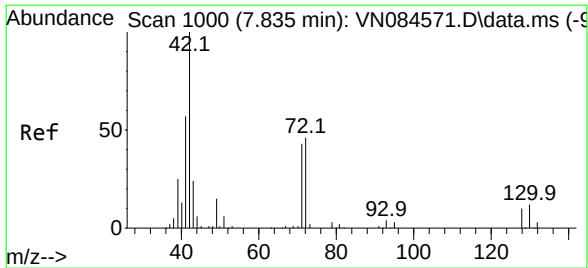
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#28
Bromochloromethane
Concen: 21.072 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Tgt Ion: 49 Resp: 33232
Ion Ratio Lower Upper
49 100
129 1.1 0.0 3.6
130 82.2 58.0 87.0





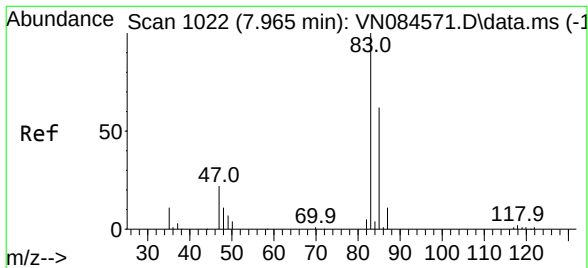
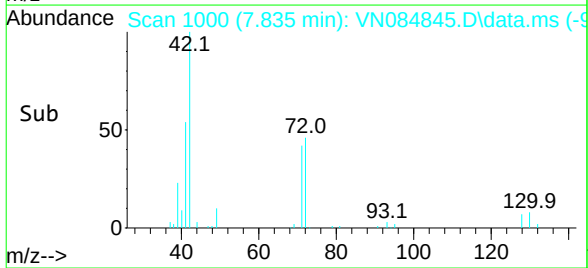
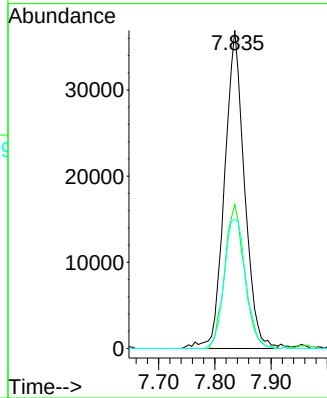
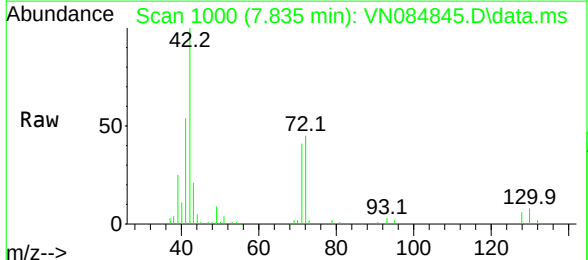
#29
Tetrahydrofuran
Concen: 112.778 ug/l
RT: 7.835 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 42 Resp: 90578
Ion Ratio Lower Upper
42 100
72 45.2 34.6 51.8
71 44.3 32.2 48.4

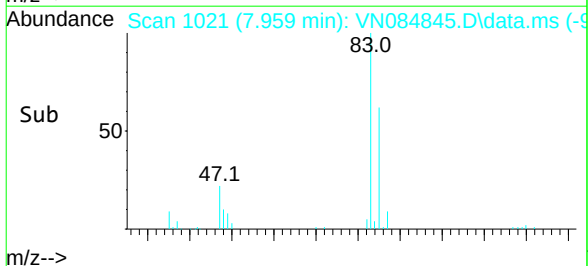
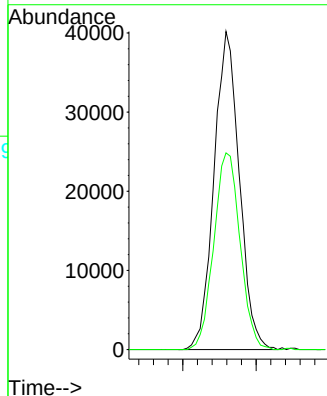
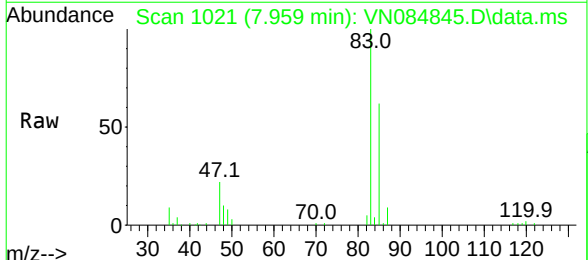
Manual Integrations
APPROVED

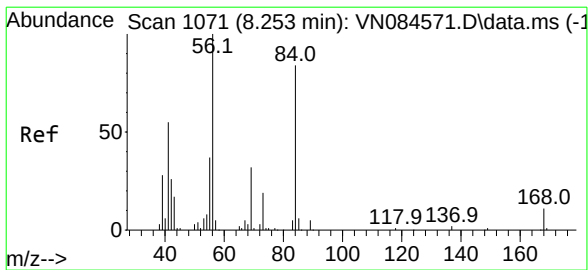
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#30
Chloroform
Concen: 23.921 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

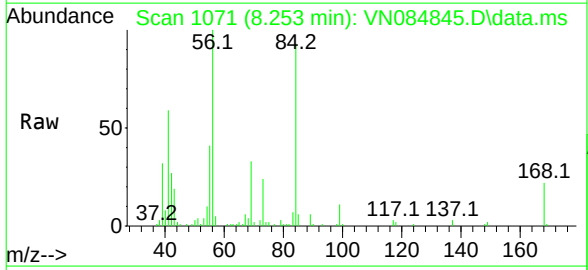
Tgt Ion: 83 Resp: 96373
Ion Ratio Lower Upper
83 100
85 61.9 51.0 76.4





#31
Cyclohexane
Concen: 22.005 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

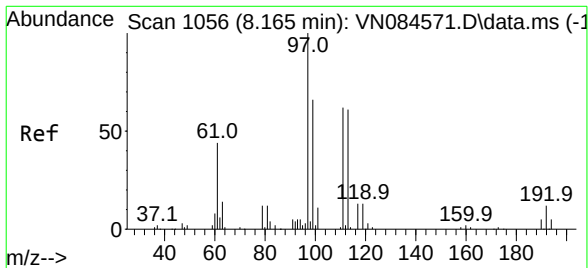
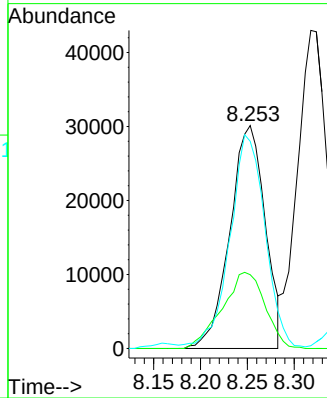
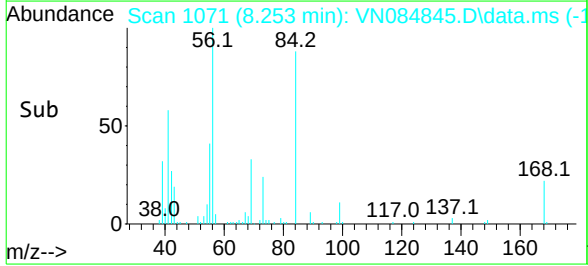
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



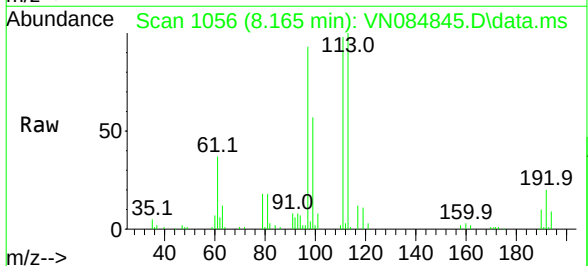
Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.1	23.8	35.6
84	91.4	68.8	103.2

Manual Integrations
APPROVED

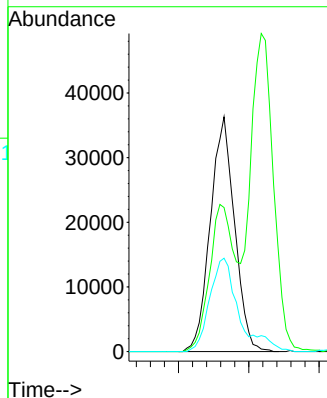
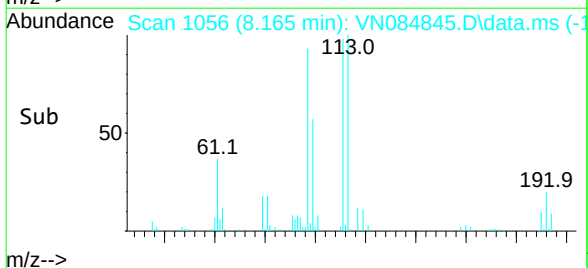
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024

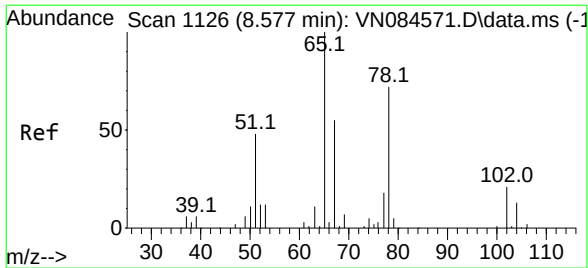


#32
1,1,1-Trichloroethane
Concen: 23.801 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53



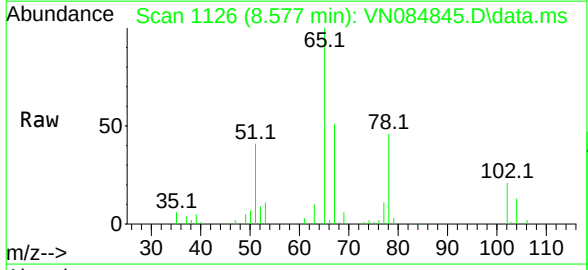
Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.3	51.2	76.8
61	47.4	37.5	56.3





#33
 1,2-Dichloroethane-d4
 Concen: 46.179 ug/l
 RT: 8.577 min Scan# 1116
 Delta R.T. -0.000 min
 Lab File: VN084845.D
 Acq: 14 Nov 2024 11:53

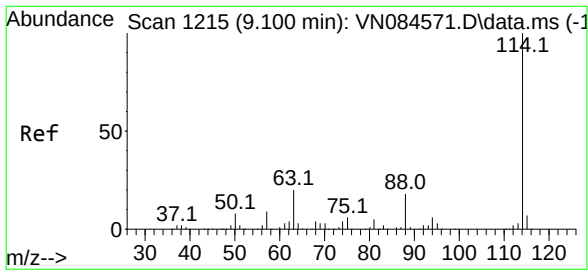
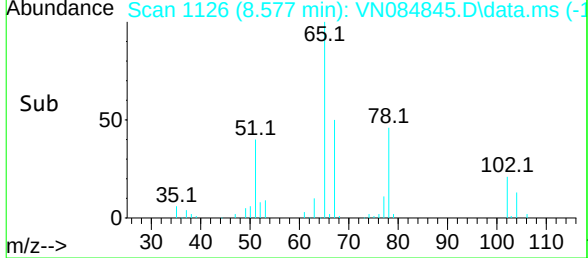
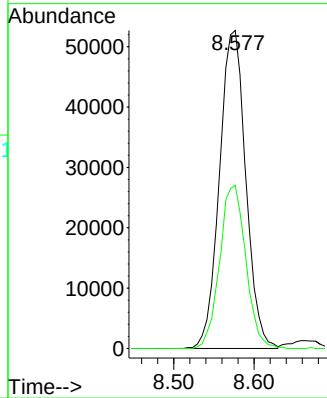
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01



Tgt Ion: 65 Resp: 119832
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.0

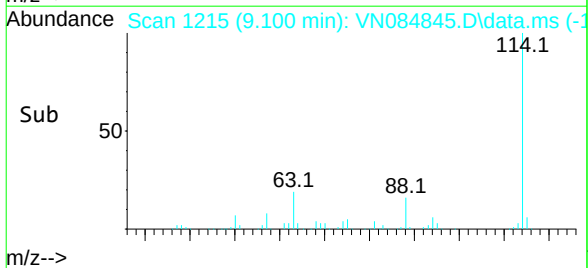
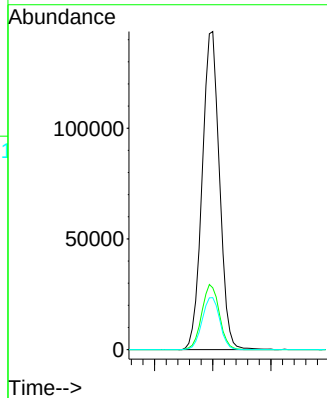
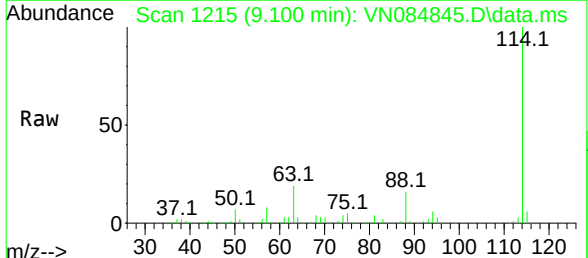
Manual Integrations
APPROVED

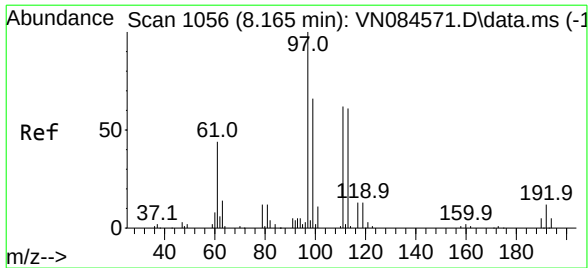
Reviewed By :John Carlone 11/15/2024
 Supervised By :Mahesh Dadoda 11/15/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084845.D
 Acq: 14 Nov 2024 11:53

Tgt Ion:114 Resp: 296457
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 43.8
 88 16.3 0.0 31.6





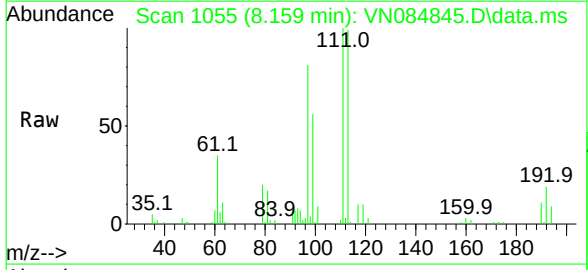
#35
 Dibromofluoromethane
 Concen: 47.815 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084845.D
 Acq: 14 Nov 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01



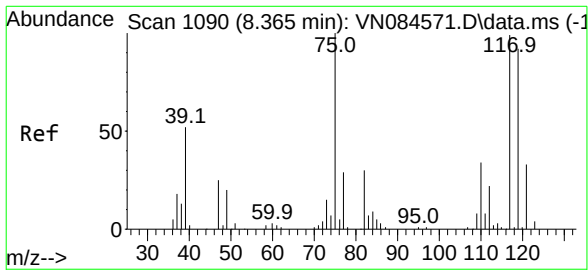
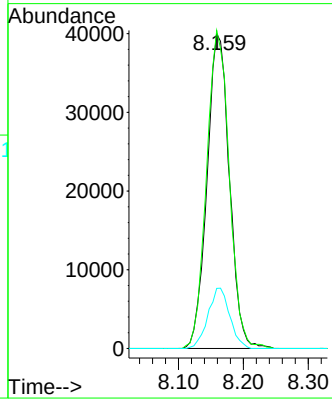
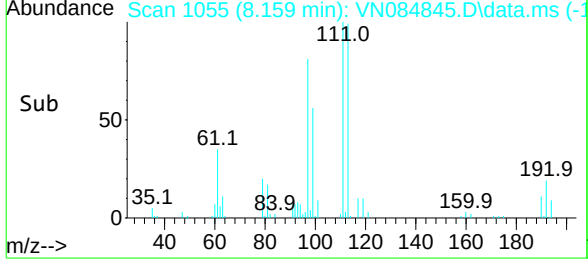
Tgt Ion:	113	Resp:	95949
Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.3	124.9
192	18.6	13.5	20.3

Manual Integrations

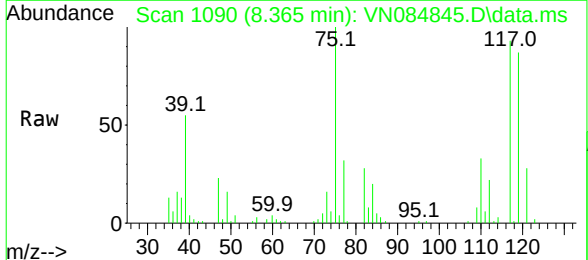
APPROVED

Reviewed By :John Carlone 11/15/2024

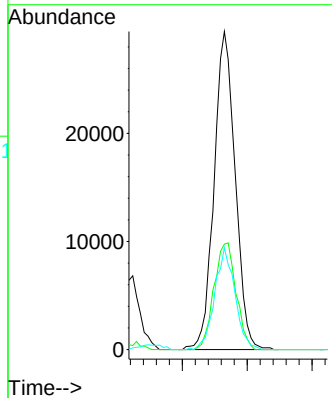
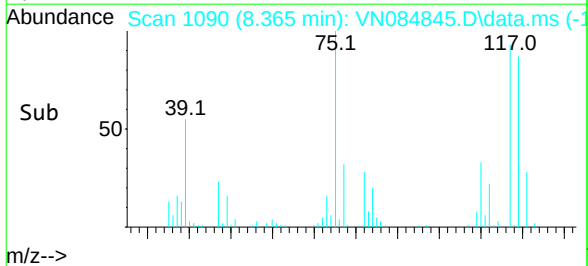
Supervised By :Mahesh Dadoda 11/15/2024

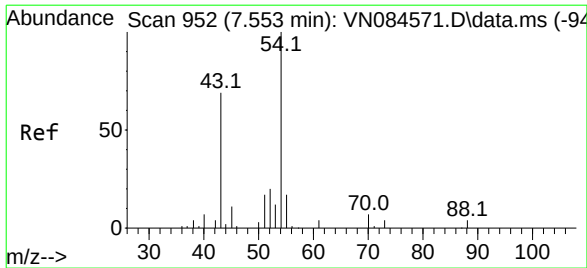


#36
 1,1-Dichloropropene
 Concen: 23.910 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VN084845.D
 Acq: 14 Nov 2024 11:53



Tgt Ion:	75	Resp:	66540
Ion	Ratio	Lower	Upper
75	100		
110	35.1	16.9	50.7
77	30.7	24.7	37.1





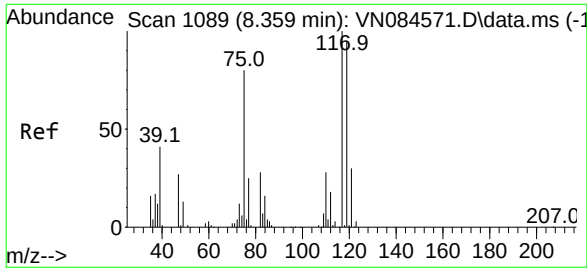
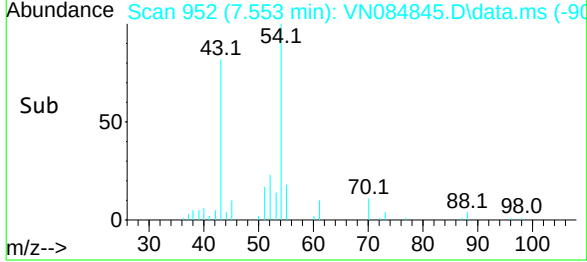
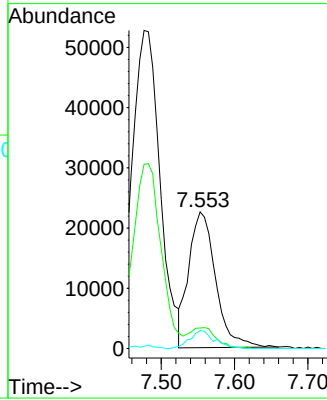
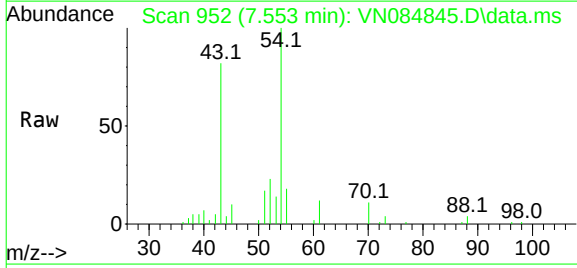
#37
Ethyl Acetate
Concen: 22.664 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion:	43	Resp:	57226
Ion	Ratio	Lower	Upper
43	100		
61	15.6	10.7	16.1
70	12.1	8.8	13.2

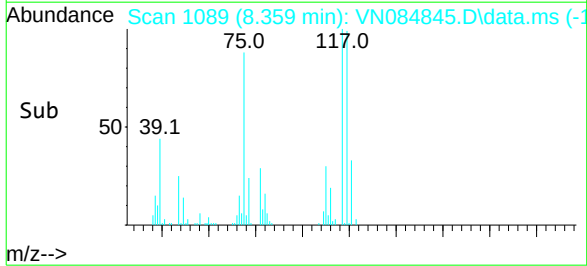
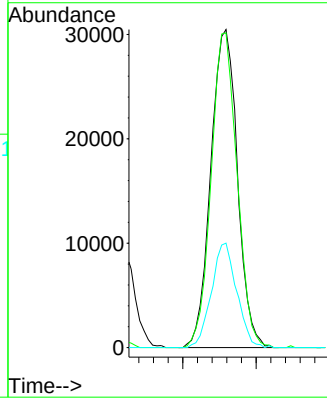
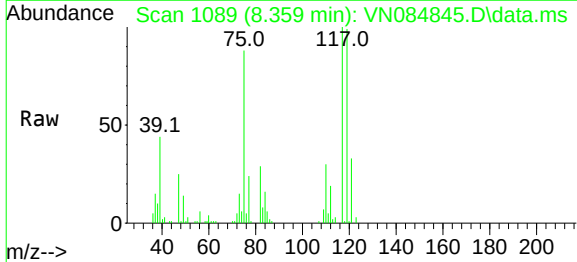
Manual Integrations
APPROVED

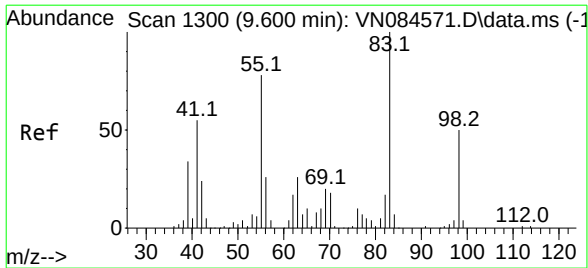
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#38
Carbon Tetrachloride
Concen: 24.723 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

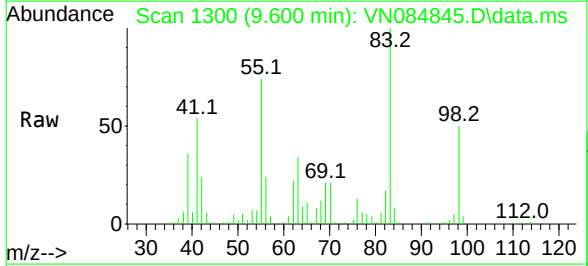
Tgt Ion:	117	Resp:	76906
Ion	Ratio	Lower	Upper
117	100		
119	99.0	78.7	118.1
121	32.8	24.4	36.6





#39
Methylcyclohexane
Concen: 25.774 ug/l
RT: 9.600 min Scan# 13
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

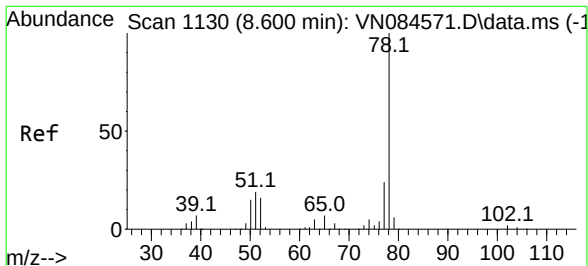
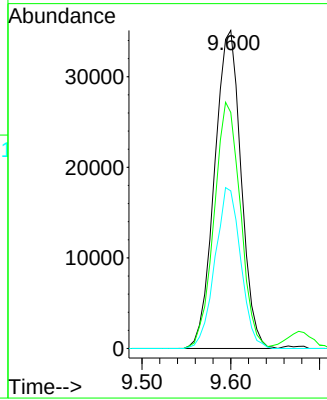
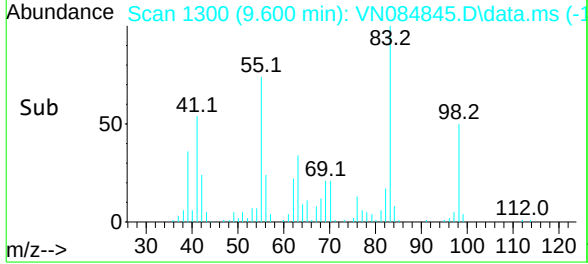
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



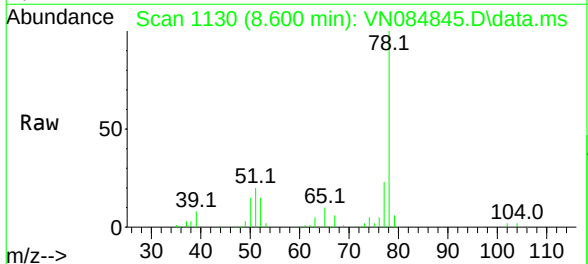
Tgt Ion: 83 Resp: 72972
Ion Ratio Lower Upper
83 100
55 74.2 62.8 94.2
98 49.6 38.8 58.2

Manual Integrations
APPROVED

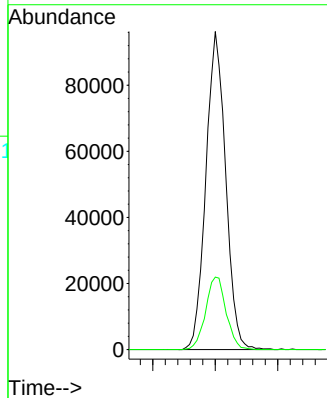
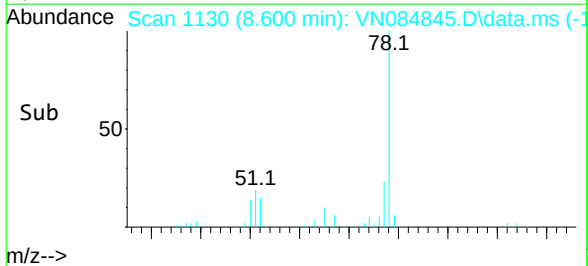
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024

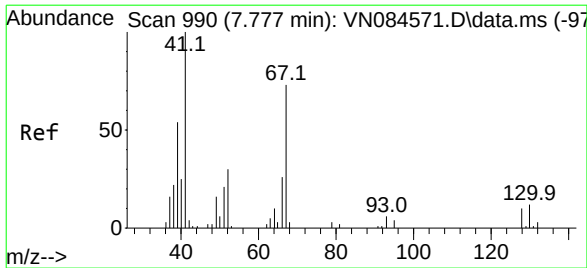


#40
Benzene
Concen: 23.650 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53



Tgt Ion: 78 Resp: 211367
Ion Ratio Lower Upper
78 100
77 22.8 19.1 28.7





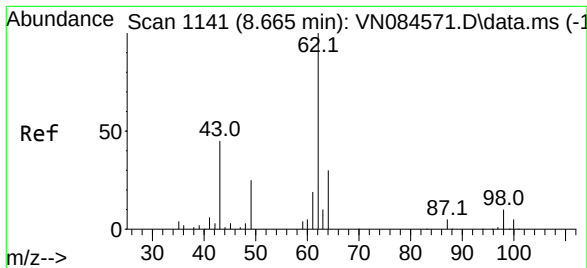
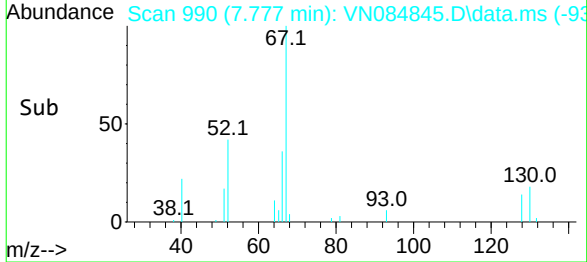
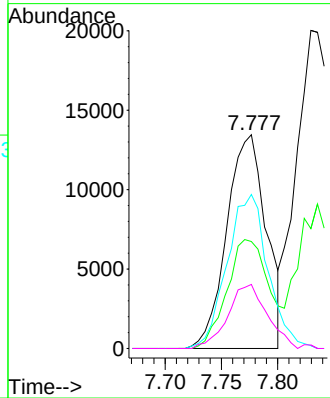
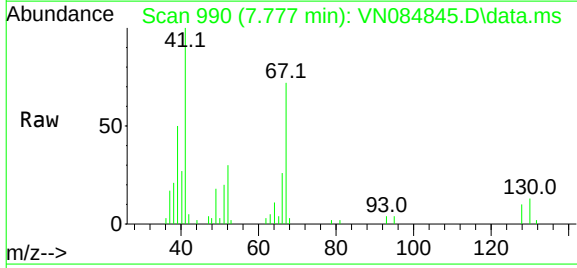
#41
Methacrylonitrile
Concen: 24.165 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 41	Resp: 32812
Ion Ratio	Lower Upper
41 100	
39 55.3	43.3 64.9
67 74.8	56.1 84.1
52 29.8	24.5 36.7

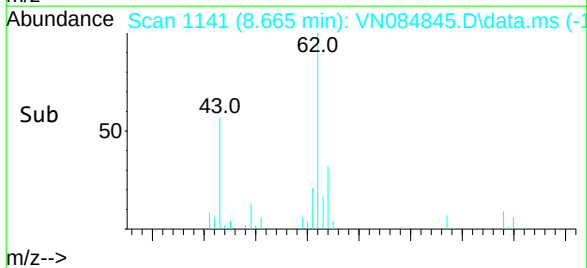
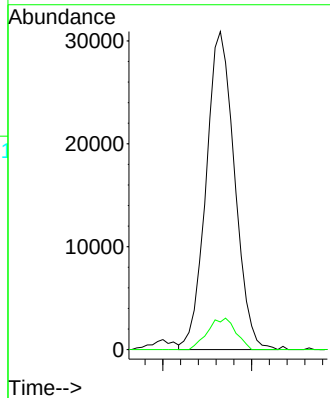
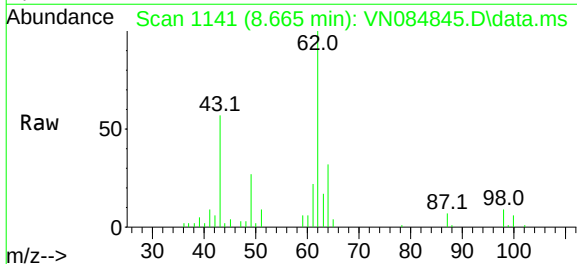
Manual Integrations
APPROVED

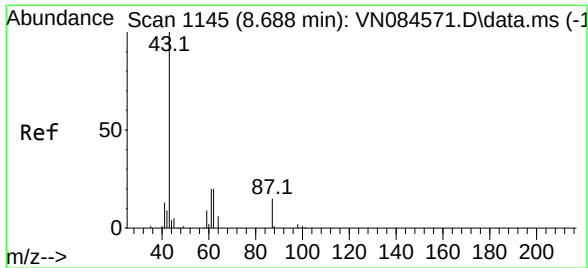
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#42
1,2-Dichloroethane
Concen: 23.795 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

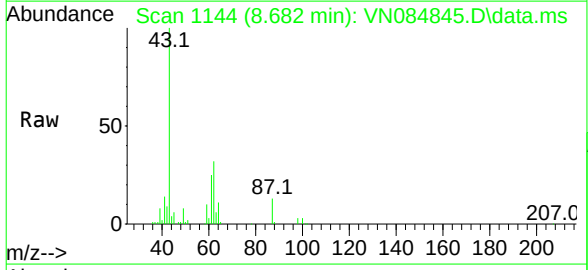
Tgt Ion: 62	Resp: 68874
Ion Ratio	Lower Upper
62 100	
98 9.7	0.0 18.2





#43
Isopropyl Acetate
Concen: 22.080 ug/l
RT: 8.682 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

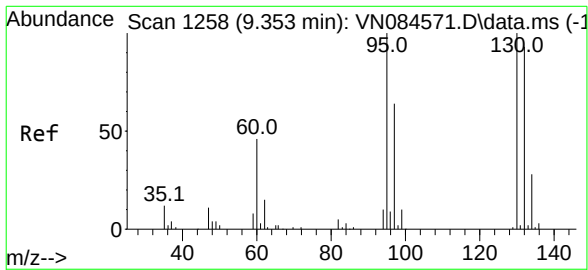
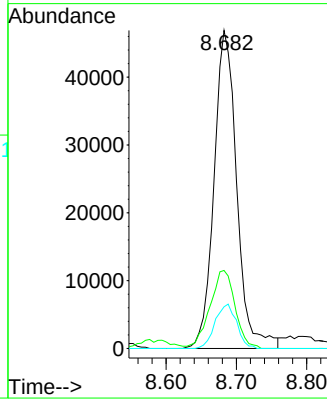
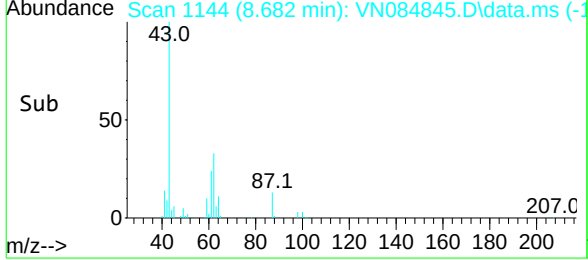
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 43 Resp: 105511
Ion Ratio Lower Upper
43 100
61 27.1 20.4 30.6
87 13.2 10.3 15.5

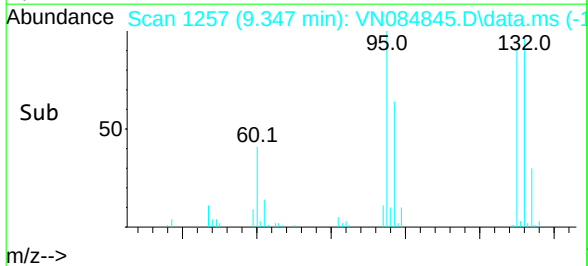
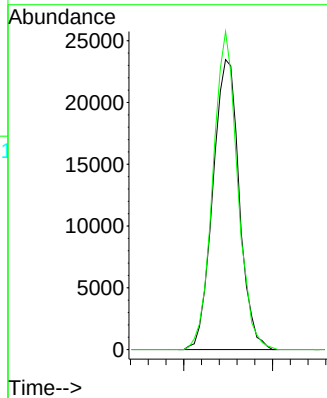
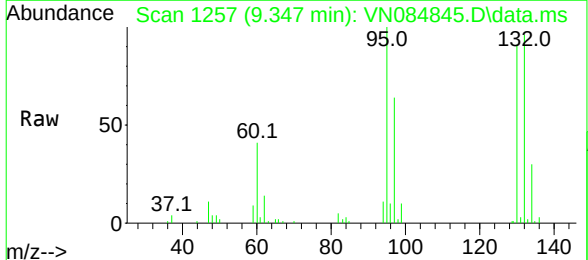
Manual Integrations
APPROVED

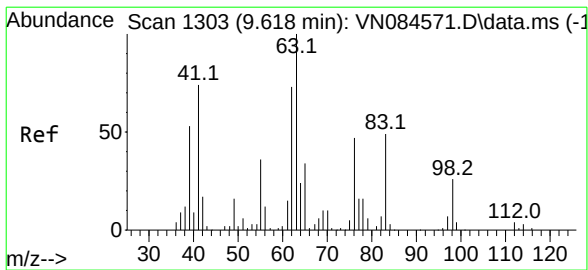
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#44
Trichloroethene
Concen: 23.470 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Tgt Ion:130 Resp: 48376
Ion Ratio Lower Upper
130 100
95 109.7 0.0 203.0





#45

1,2-Dichloropropane

Concen: 24.451 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084845.D

Acq: 14 Nov 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

Tgt Ion: 63 Resp: 51262

Ion Ratio Lower Upper

63 100

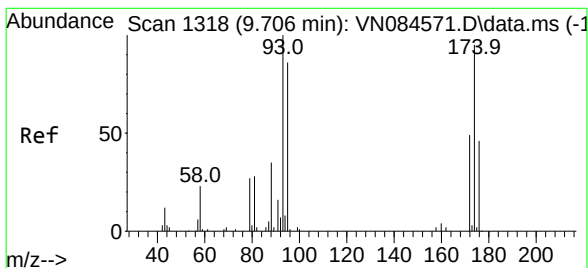
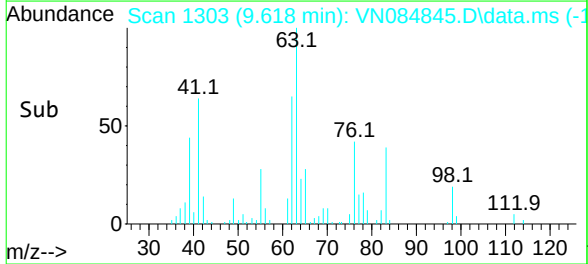
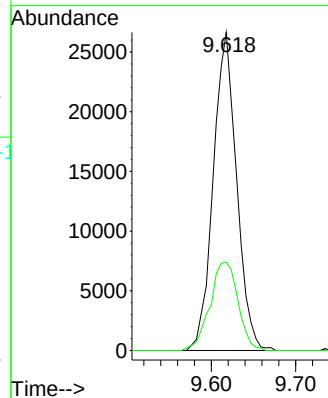
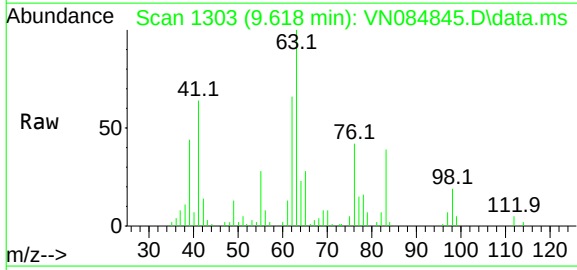
65 27.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#46

Dibromomethane

Concen: 23.991 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN084845.D

Acq: 14 Nov 2024 11:53

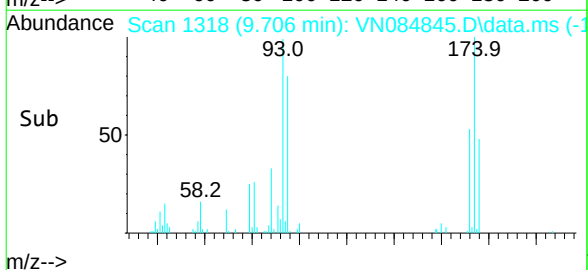
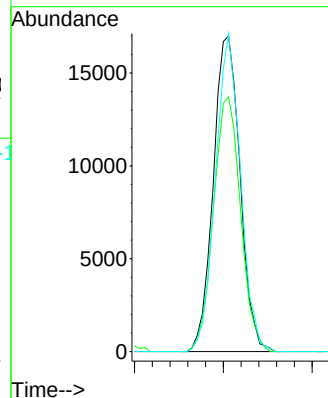
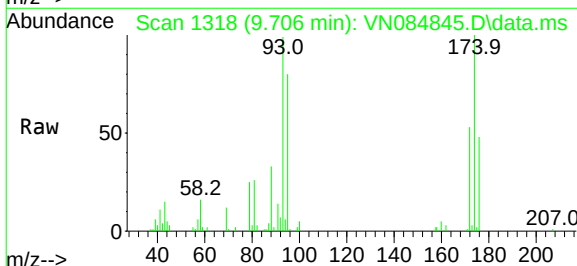
Tgt Ion: 93 Resp: 35492

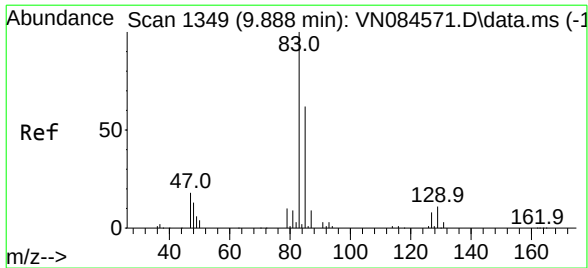
Ion Ratio Lower Upper

93 100

95 81.9 65.0 97.4

174 94.6 71.8 107.8





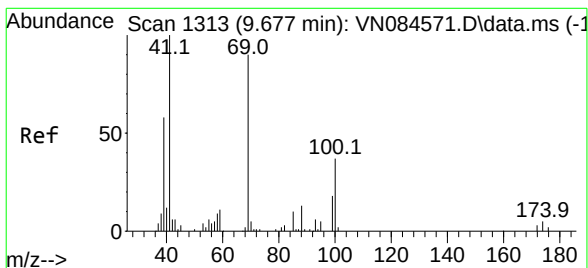
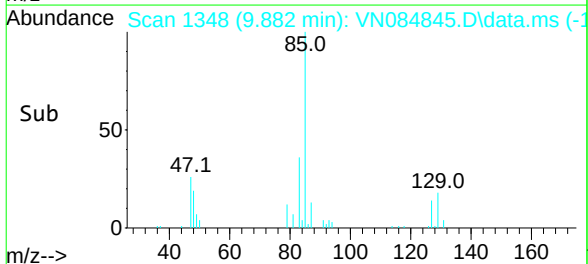
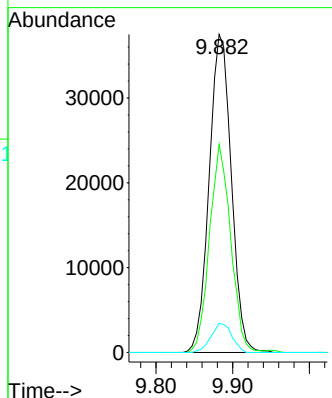
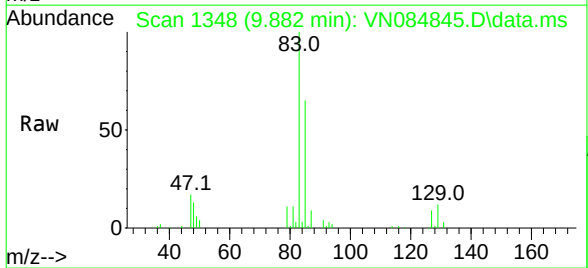
#47
 Bromodichloromethane
 Concen: 24.110 ug/l
 RT: 9.882 min Scan# 1349
 Delta R.T. -0.006 min
 Lab File: VN084845.D
 Acq: 14 Nov 2024 11:53

Instrument : MSVOA_N
 ClientSampleId : VN1114WBS01

Tgt Ion: 83	Resp: 75185
Ion Ratio	Lower Upper
83 100	
85 65.5	51.5 77.3
127 9.2	5.7 8.5

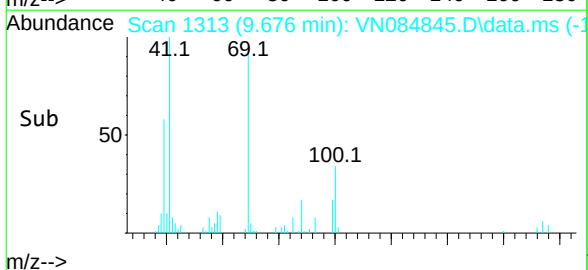
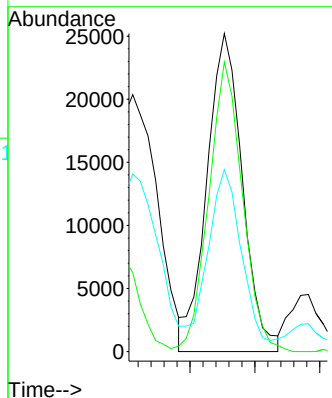
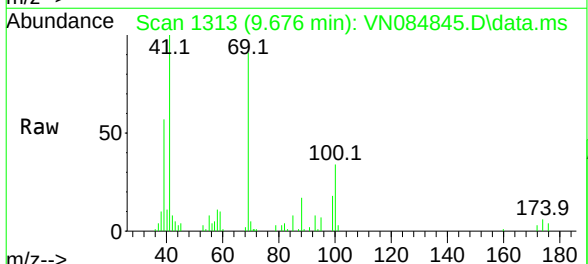
Manual Integrations
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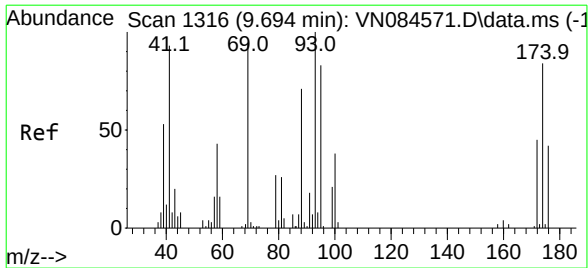
Reviewed By :John Carlone 11/15/2024
 Supervised By :Mahesh Dadoda 11/15/2024



#48
 Methyl methacrylate
 Concen: 24.371 ug/l
 RT: 9.676 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN084845.D
 Acq: 14 Nov 2024 11:53

Tgt Ion: 41	Resp: 47892
Ion Ratio	Lower Upper
41 100	
69 86.6	67.1 100.7
39 54.7	45.8 68.6





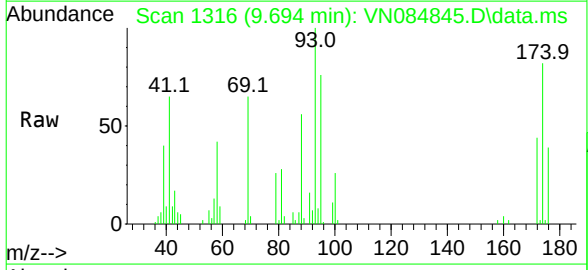
#49
 1,4-Dioxane
 Concen: 506.415 ug/l
 RT: 9.694 min Scan# 1316
 Delta R.T. -0.000 min
 Lab File: VN084845.D
 Acq: 14 Nov 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

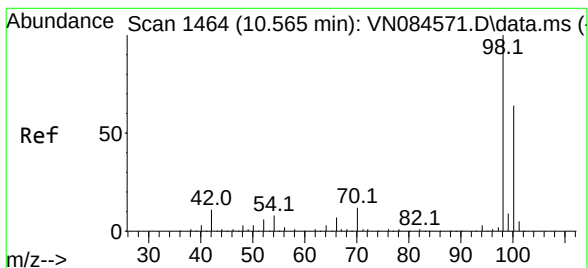
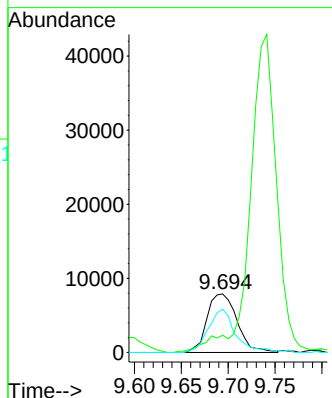
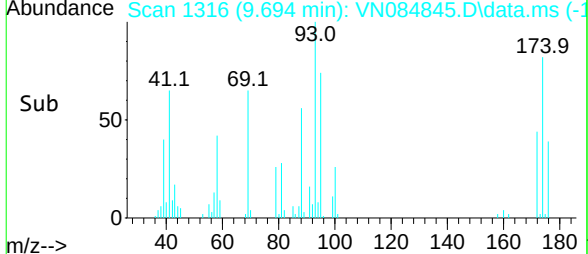
VN1114WBS01



Tgt Ion:	88	Resp:	17635
Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.3	37.9
58	67.9	56.4	84.6

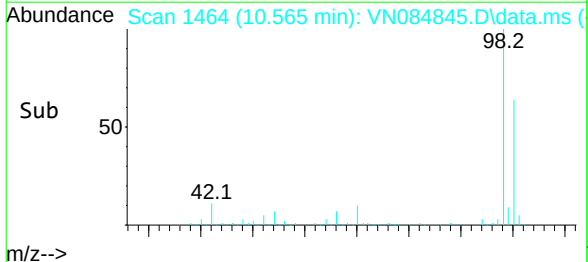
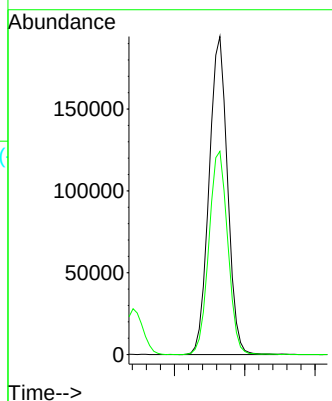
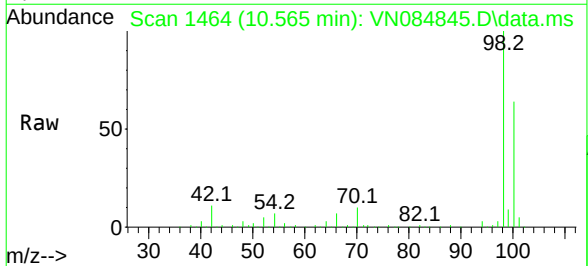
Manual Integrations
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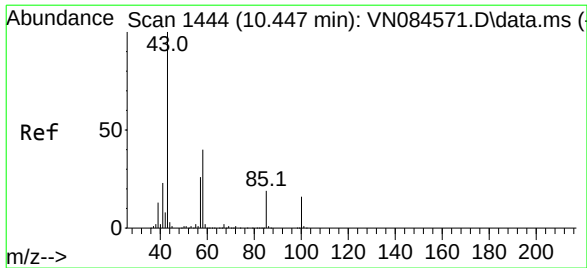
Reviewed By :John Carlone 11/15/2024
 Supervised By :Mahesh Dadoda 11/15/2024



#50
 Toluene-d8
 Concen: 47.847 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: VN084845.D
 Acq: 14 Nov 2024 11:53

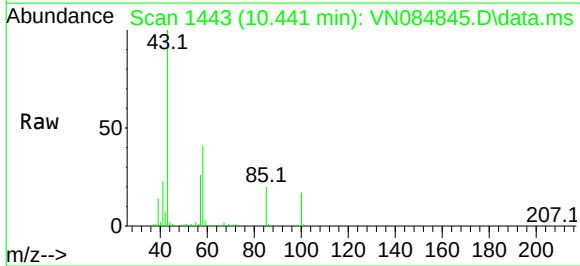
Tgt Ion:	98	Resp:	353681
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.7	79.1





#51
4-Methyl-2-Pentanone
Concen: 119.919 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

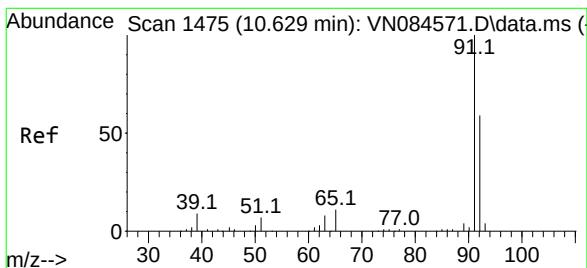
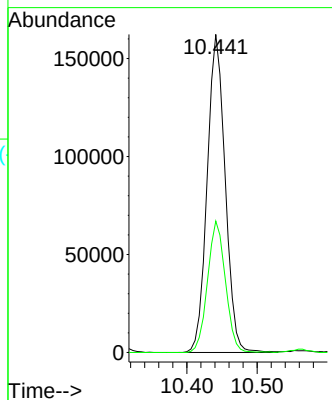
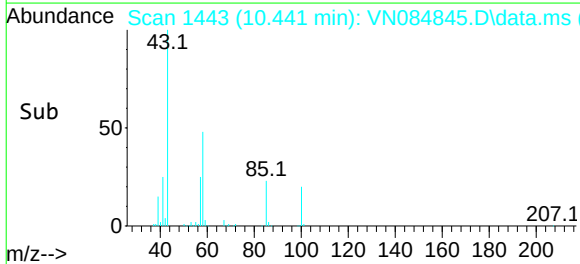
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 43 Resp: 288654
Ion Ratio Lower Upper
43 100
58 41.0 31.6 47.4

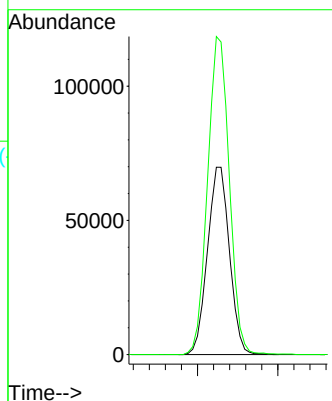
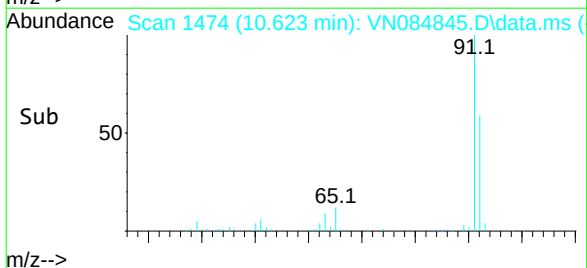
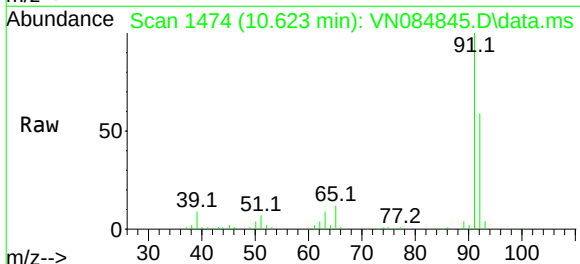
Manual Integrations
APPROVED

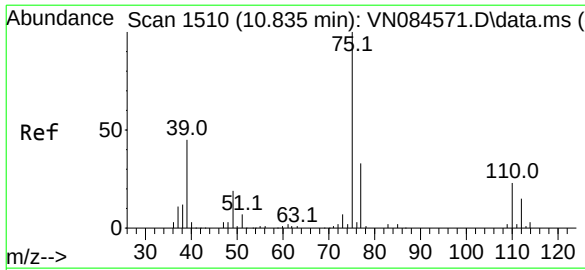
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#52
Toluene
Concen: 25.392 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

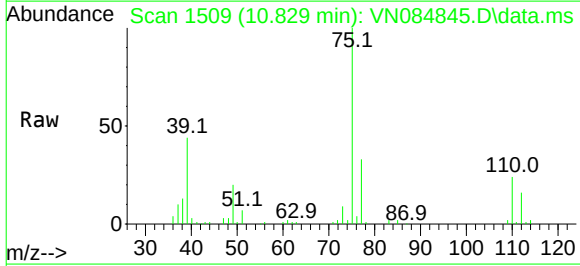
Tgt Ion: 92 Resp: 132725
Ion Ratio Lower Upper
92 100
91 167.5 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 23.339 ug/l
RT: 10.829 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

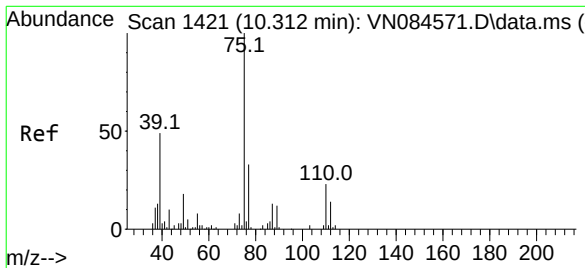
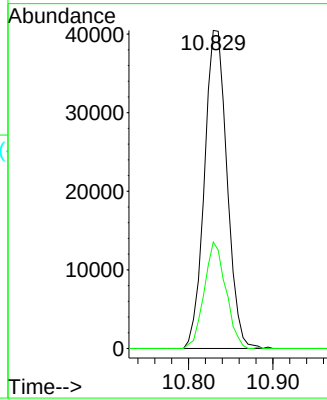
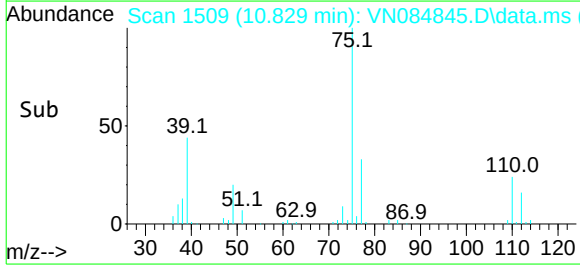
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 75 Resp: 75339
Ion Ratio Lower Upper
75 100
77 33.5 25.4 38.0

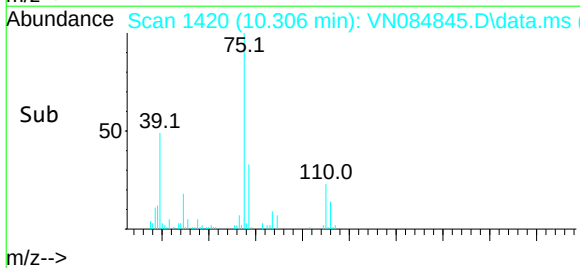
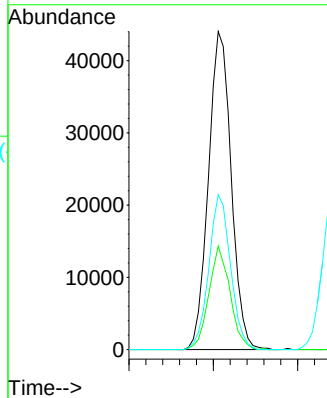
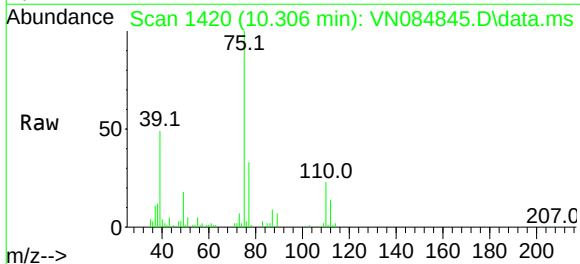
Manual Integrations
APPROVED

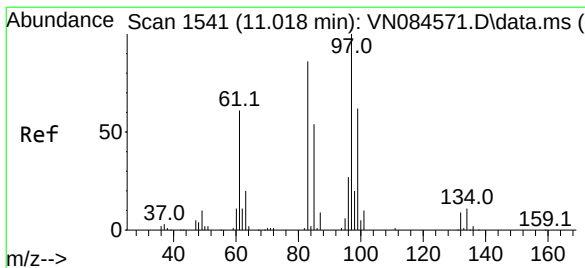
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#54
cis-1,3-Dichloropropene
Concen: 24.166 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

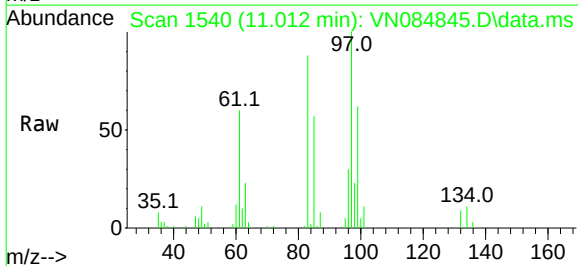
Tgt Ion: 75 Resp: 82561
Ion Ratio Lower Upper
75 100
77 32.6 24.2 36.2
39 48.7 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 24.278 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

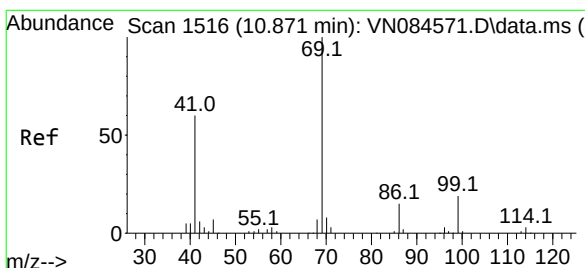
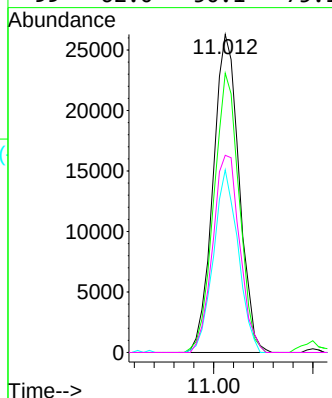
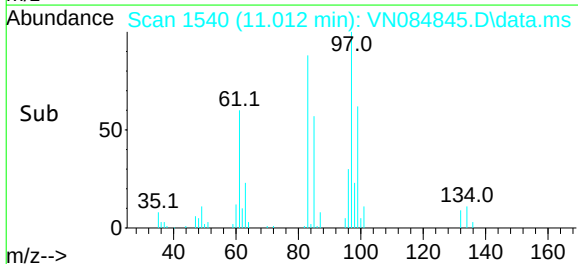
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion:	97	Resp:	47803
Ion	Ratio	Lower	Upper
97	100		
83	87.8	71.0	106.4
85	57.4	41.7	62.5
99	62.0	50.1	75.1

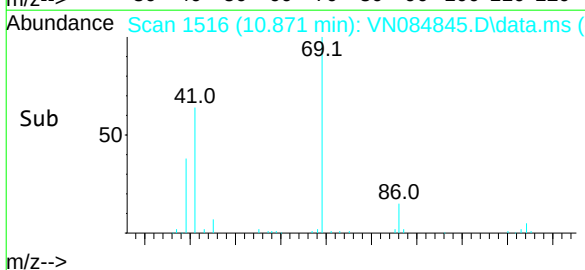
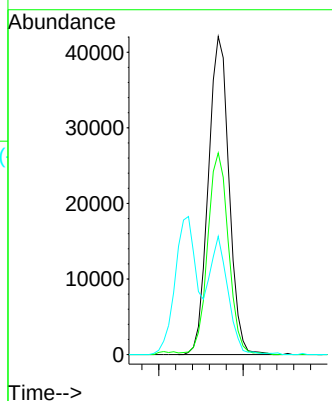
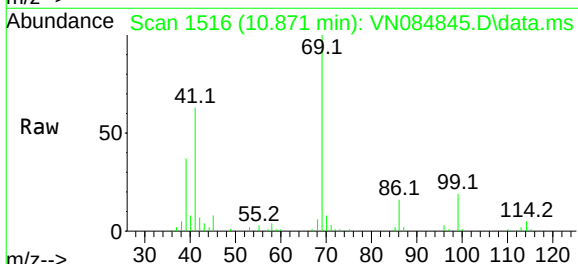
Manual Integrations
APPROVED

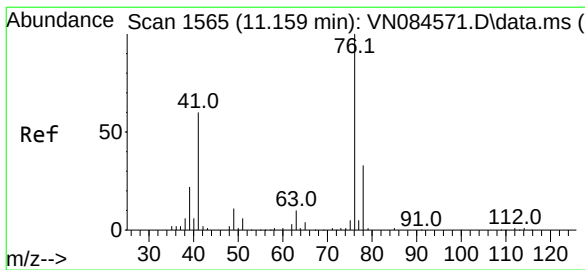
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#56
Ethyl methacrylate
Concen: 25.242 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

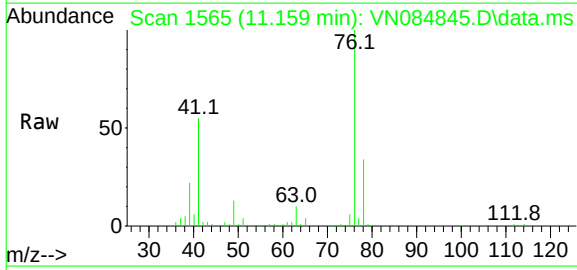
Tgt Ion:	69	Resp:	71890
Ion	Ratio	Lower	Upper
69	100		
41	64.0	53.3	79.9
39	32.3	28.8	43.2





#57
1,3-Dichloropropane
Concen: 23.875 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

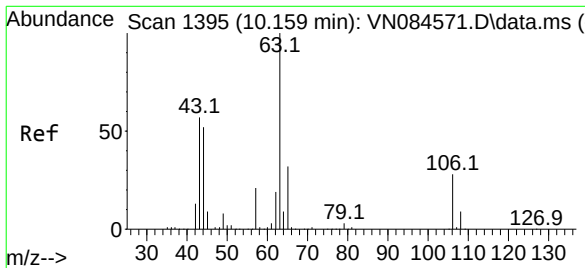
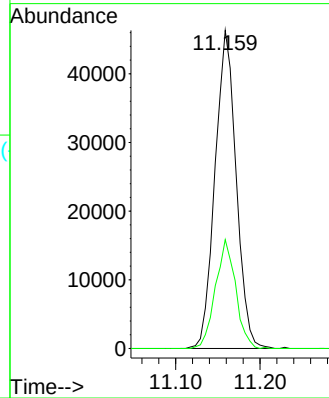
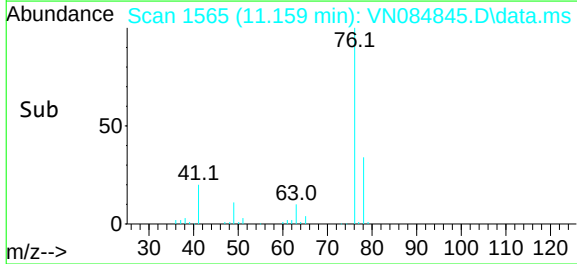
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 76 Resp: 80678
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.6

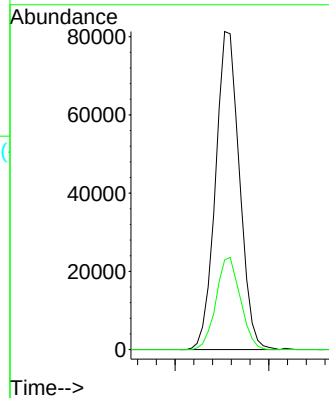
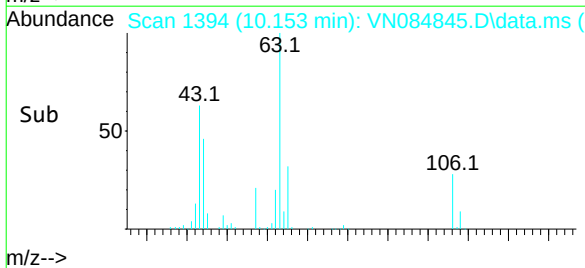
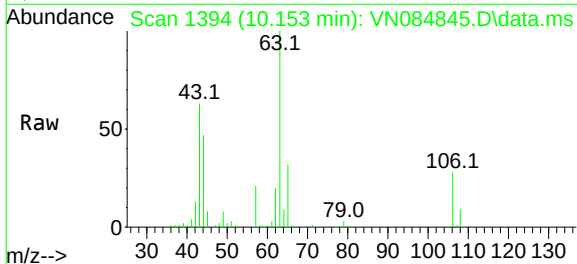
Manual Integrations
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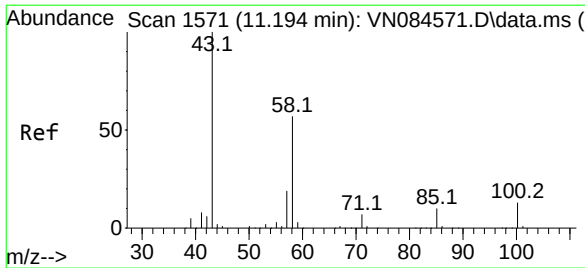
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 108.429 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Tgt Ion: 63 Resp: 144503
Ion Ratio Lower Upper
63 100
106 29.3 21.8 32.6





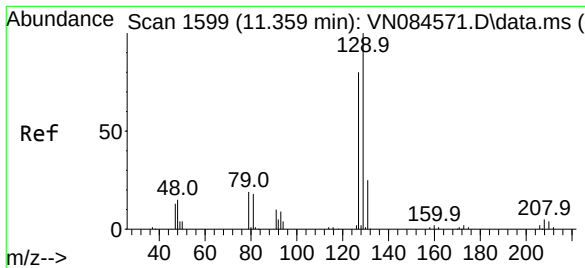
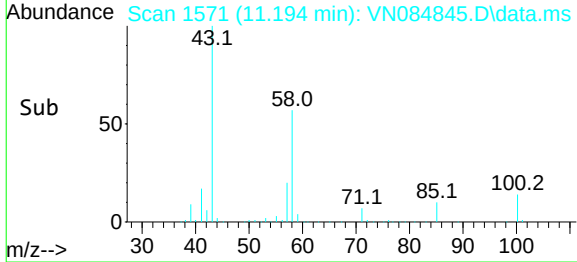
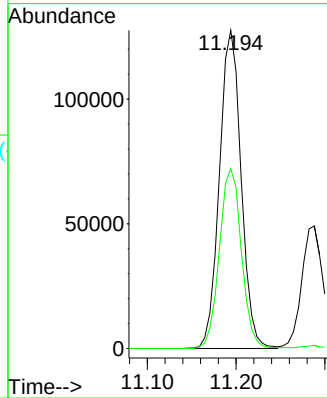
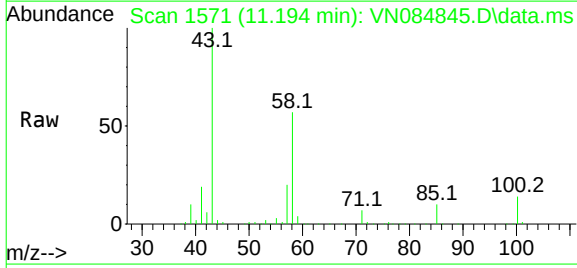
#59
2-Hexanone
Concen: 123.395 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 43 Resp: 216196
Ion Ratio Lower Upper
43 100
58 57.4 27.3 81.8

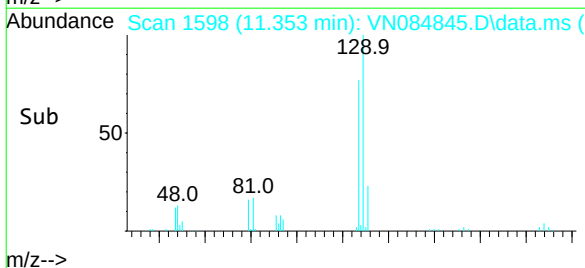
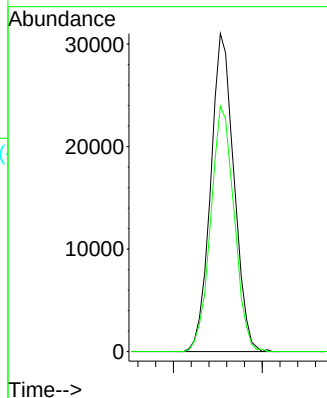
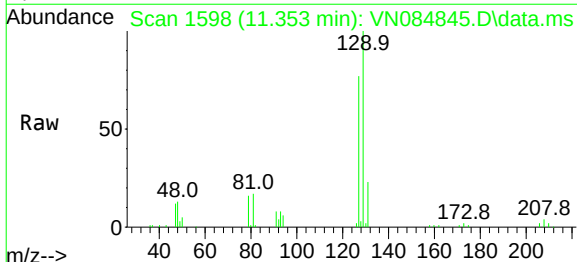
Manual Integrations
APPROVED

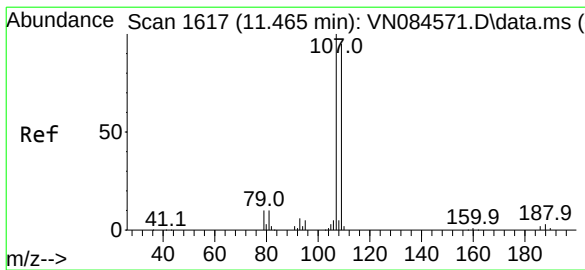
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#60
Dibromochloromethane
Concen: 25.189 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Tgt Ion:129 Resp: 56524
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.9





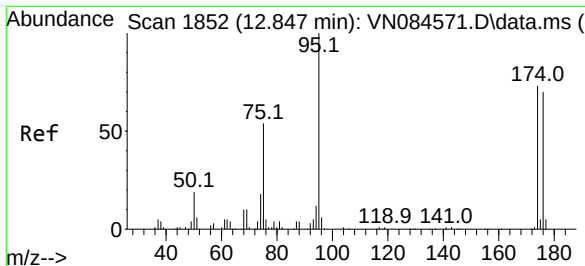
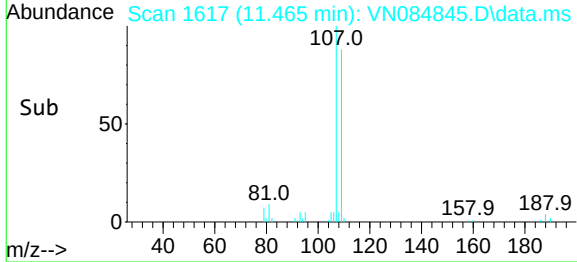
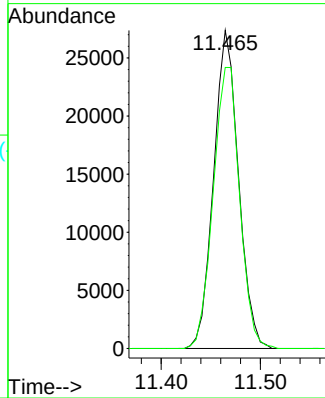
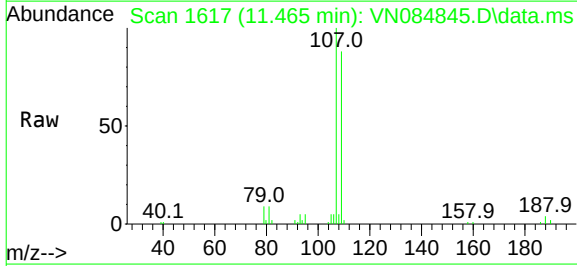
#61
1,2-Dibromoethane
Concen: 23.631 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 107 Resp: 47648
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.0

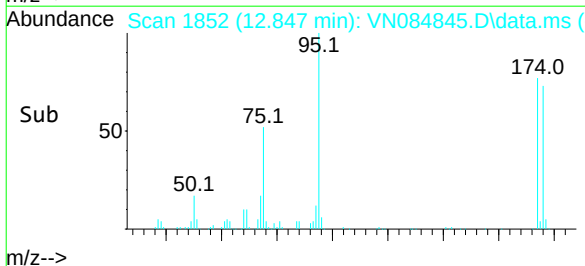
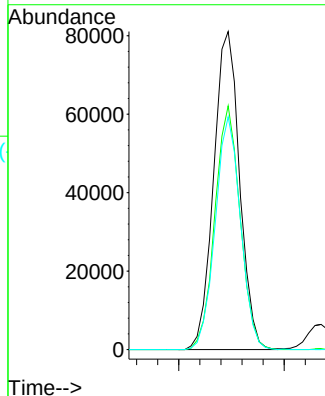
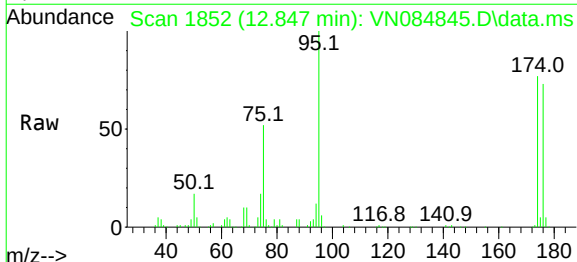
Manual Integrations
APPROVED

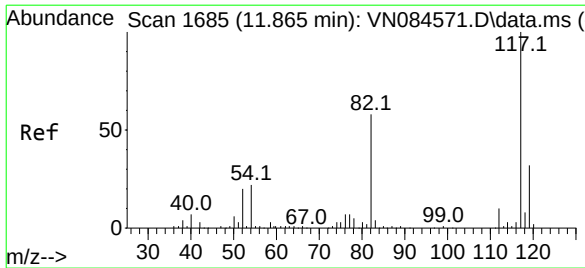
Reviewed By : John Carlone 11/15/2024
Supervised By : Mahesh Dadoda 11/15/2024



#62
4-Bromofluorobenzene
Concen: 50.112 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

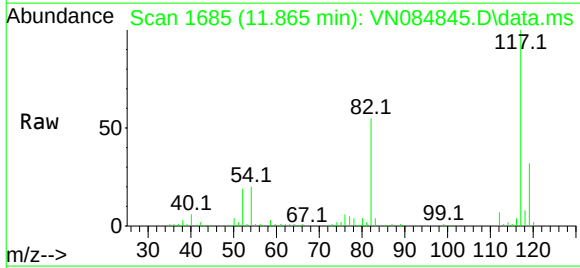
Tgt Ion: 95 Resp: 138440
Ion Ratio Lower Upper
95 100
174 74.3 0.0 145.2
176 71.2 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

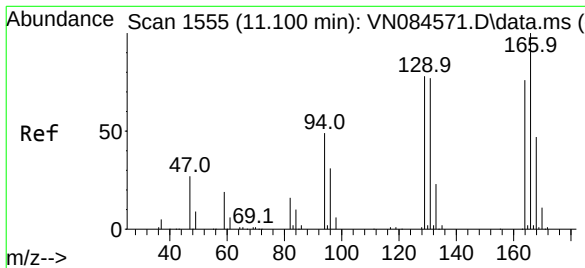
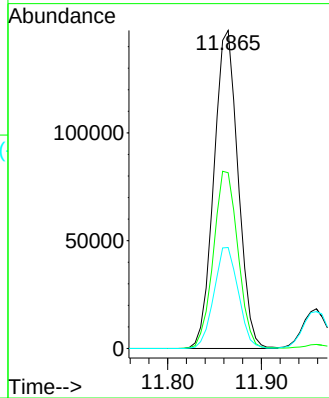
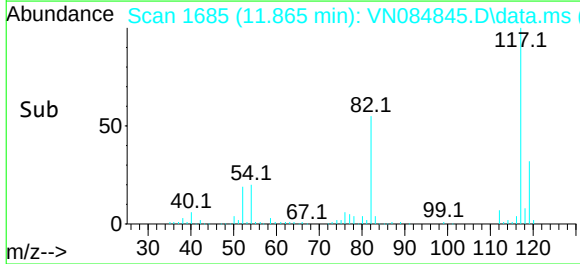
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



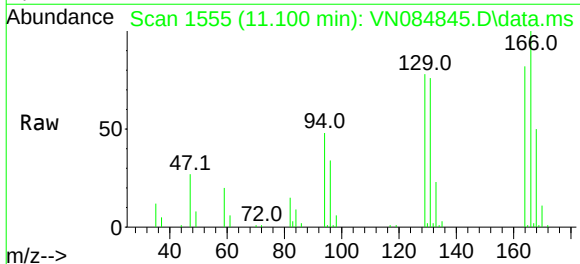
Tgt Ion:117 Resp: 264491
Ion Ratio Lower Upper
117 100
82 55.3 47.2 70.8
119 31.7 25.4 38.0

Manual Integrations
APPROVED

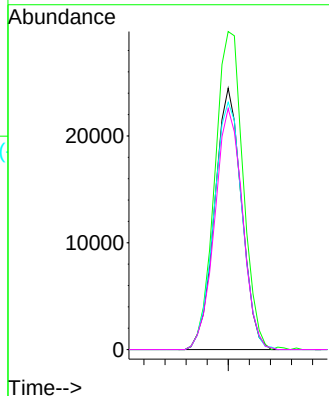
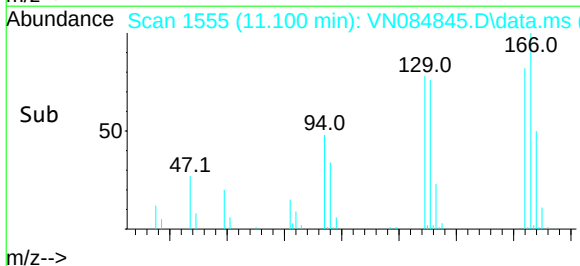
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024

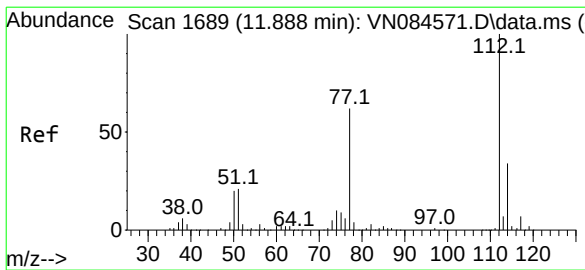


#64
Tetrachloroethene
Concen: 24.682 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53



Tgt Ion:164 Resp: 43423
Ion Ratio Lower Upper
164 100
166 121.7 101.0 151.4
129 94.6 80.8 121.2
131 92.2 78.1 117.1





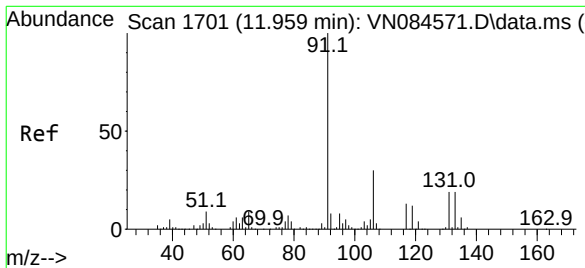
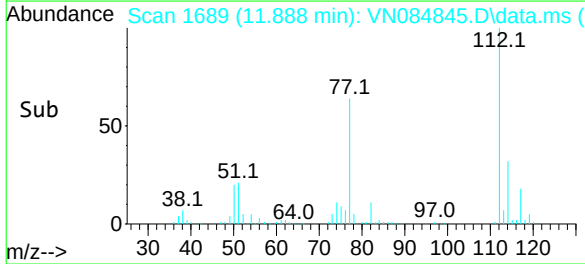
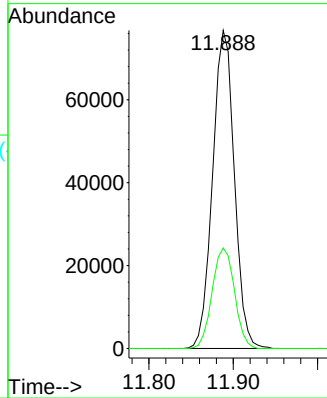
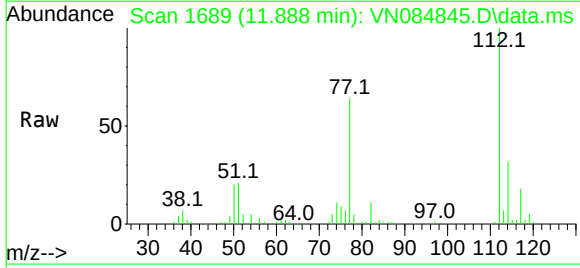
#65
Chlorobenzene
Concen: 23.206 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion:112 Resp: 137314
Ion Ratio Lower Upper
112 100
114 31.6 27.0 40.6

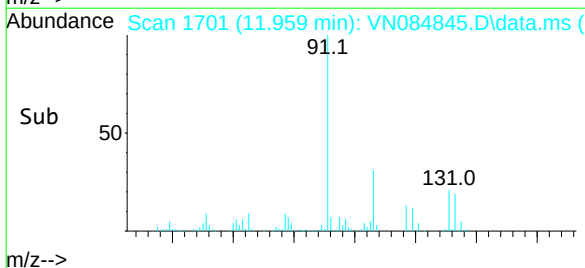
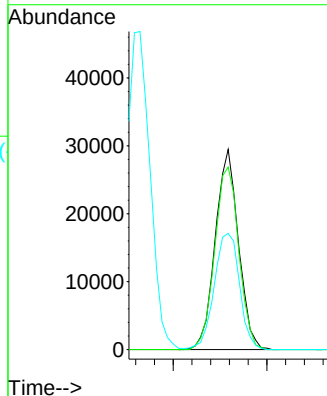
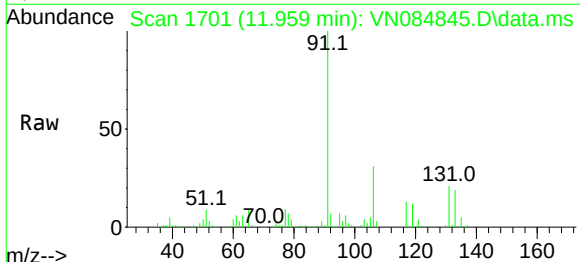
Manual Integrations
APPROVED

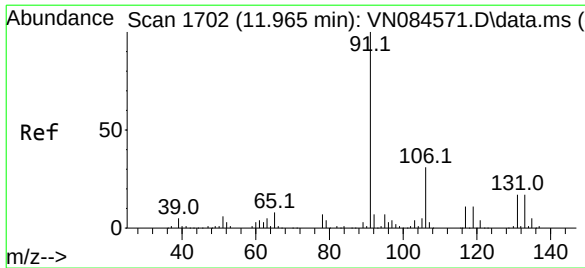
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 24.597 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

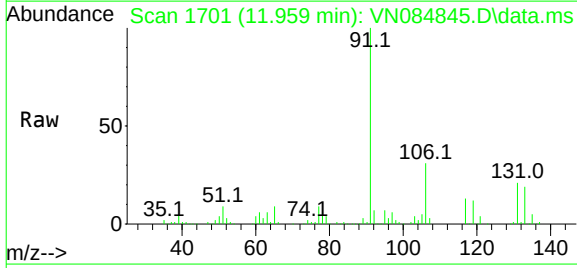
Tgt Ion:131 Resp: 50624
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.7
119 63.3 32.8 98.3





#67
Ethyl Benzene
Concen: 24.330 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

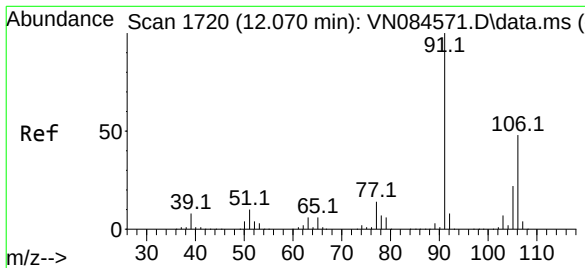
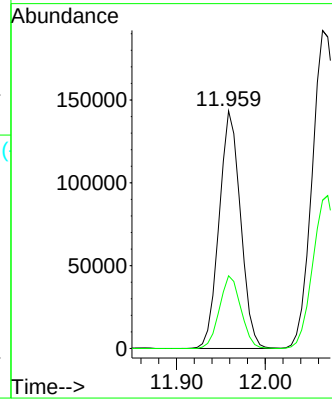
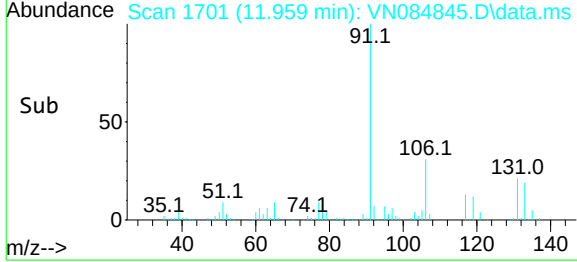
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 91 Resp: 240305
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7

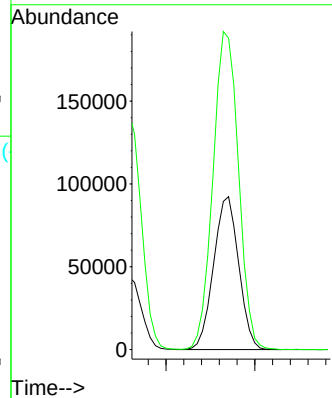
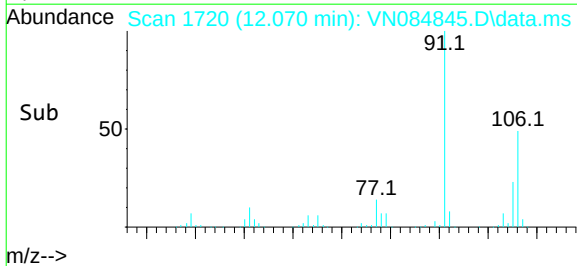
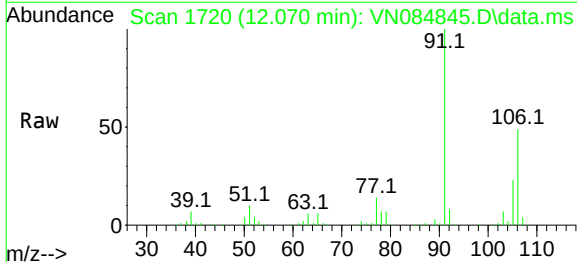
Manual Integrations
APPROVED

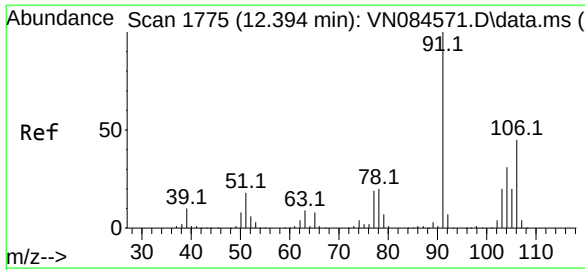
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#68
m/p-Xylenes
Concen: 48.504 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Tgt Ion:106 Resp: 181373
Ion Ratio Lower Upper
106 100
91 211.6 167.1 250.7





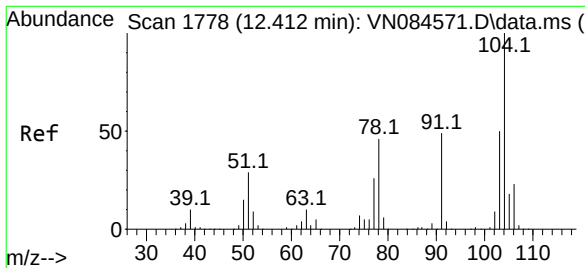
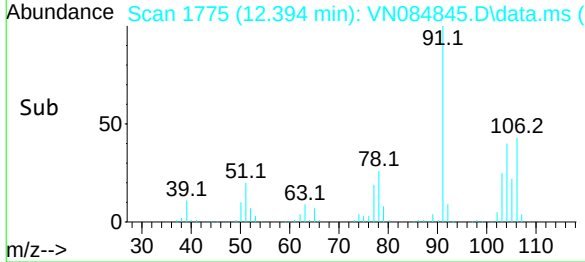
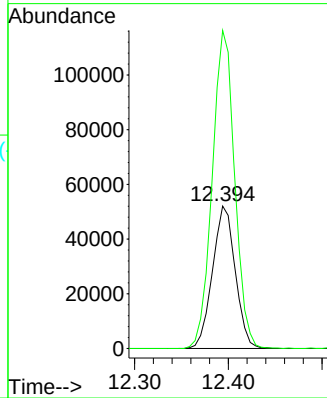
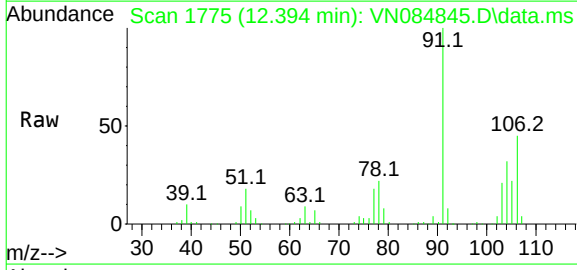
#69
o-Xylene
Concen: 25.111 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion:106 Resp: 87838
Ion Ratio Lower Upper
106 100
91 220.0 110.2 330.6

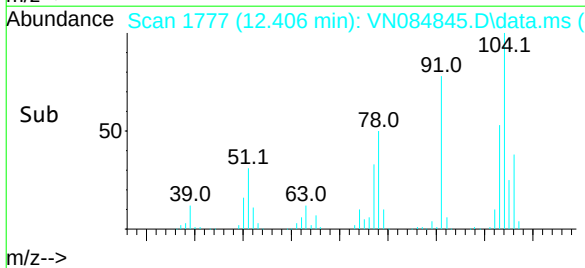
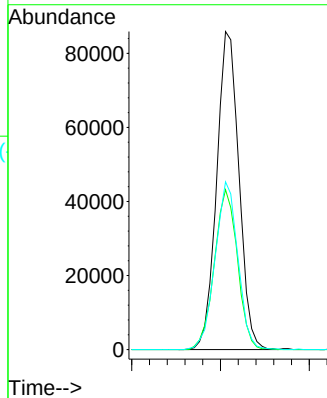
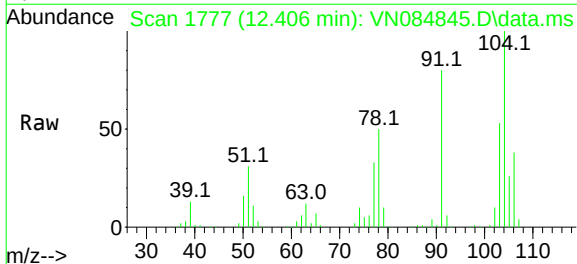
Manual Integrations
APPROVED

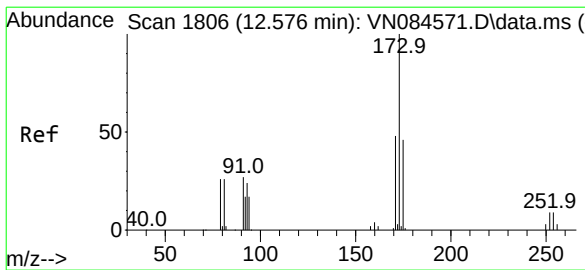
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#70
Styrene
Concen: 24.539 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Tgt Ion:104 Resp: 149741
Ion Ratio Lower Upper
104 100
78 52.1 42.7 64.1
103 54.1 43.6 65.4





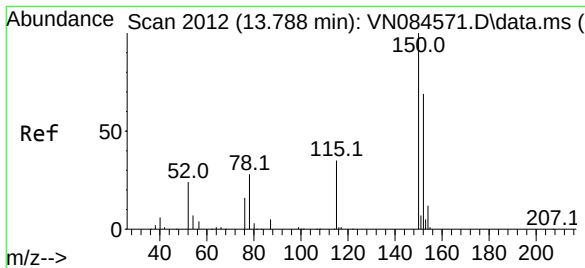
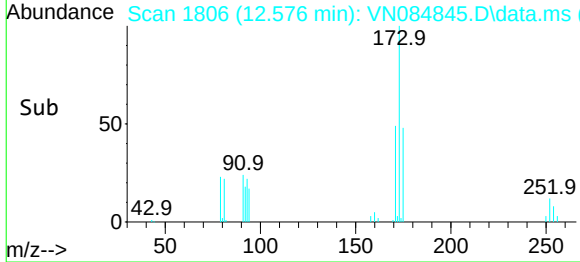
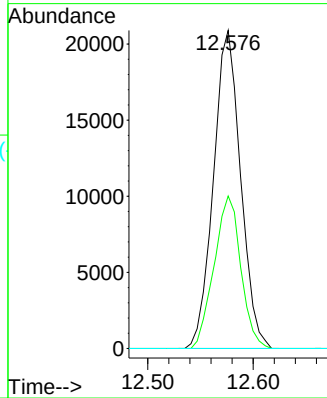
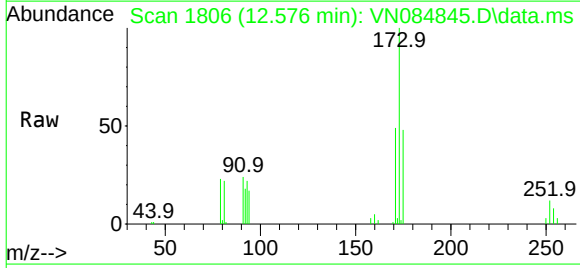
#71
Bromoform
Concen: 24.108 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.2	23.5	70.6
254	0.0	0.0	0.0

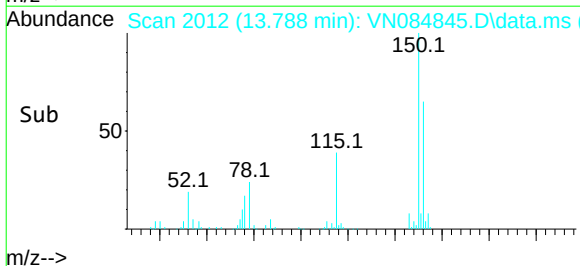
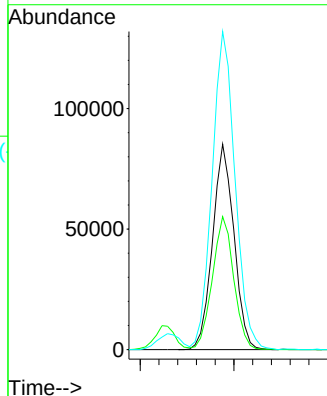
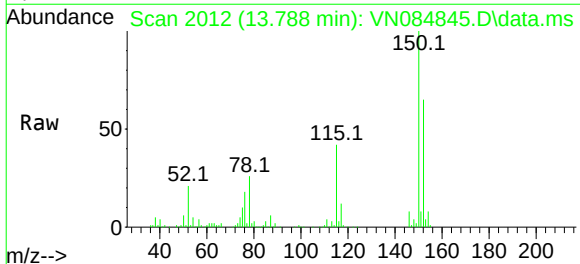
Manual Integrations
APPROVED

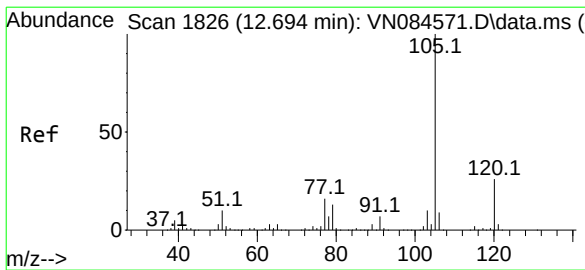
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

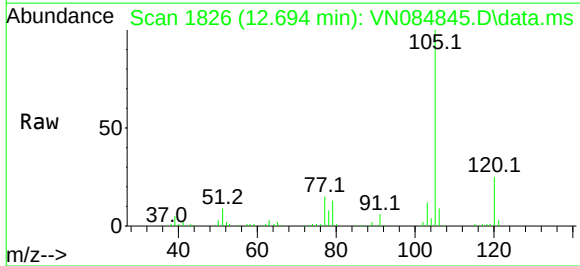
Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.8	31.3	93.9
150	166.2	0.0	349.8





#73
Isopropylbenzene
Concen: 23.701 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

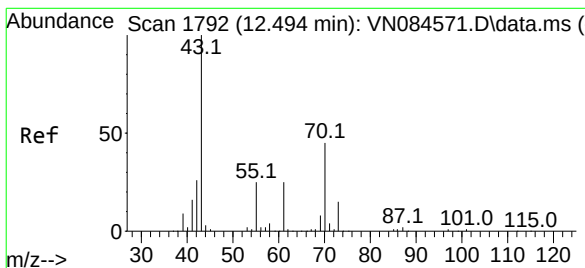
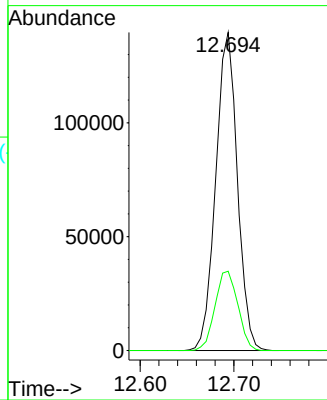
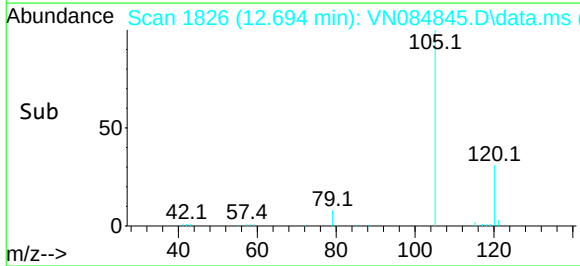
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



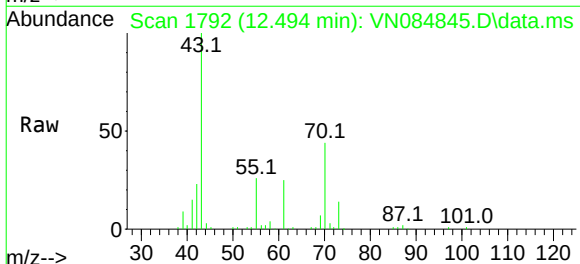
Tgt Ion: 105 Resp: 224162
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.7

Manual Integrations
APPROVED

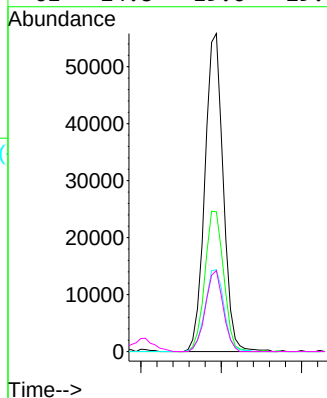
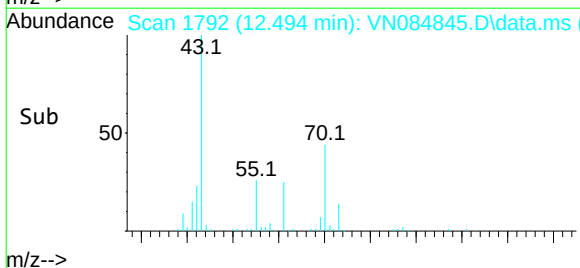
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024

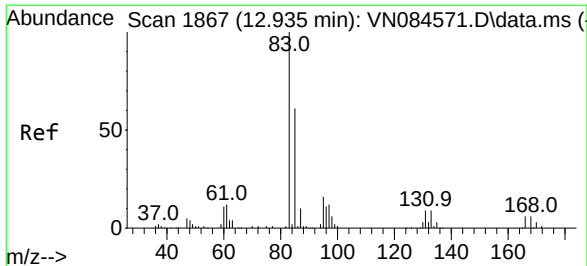


#74
N-ethyl acetate
Concen: 21.914 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53



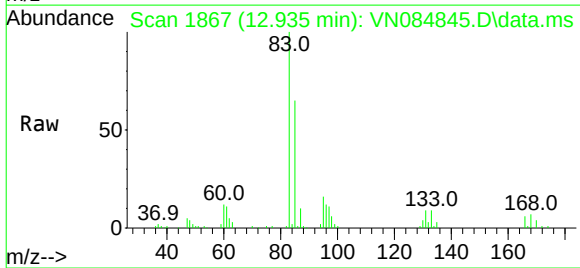
Tgt Ion: 43 Resp: 88214
Ion Ratio Lower Upper
43 100
70 45.2 34.4 51.6
55 26.7 19.6 29.4
61 24.8 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 21.435 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

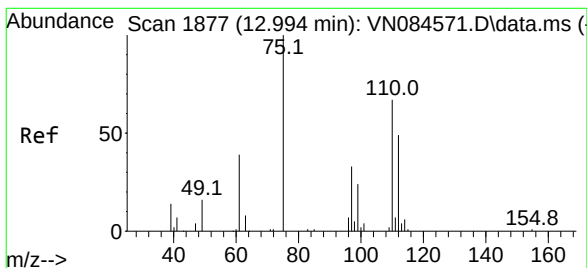
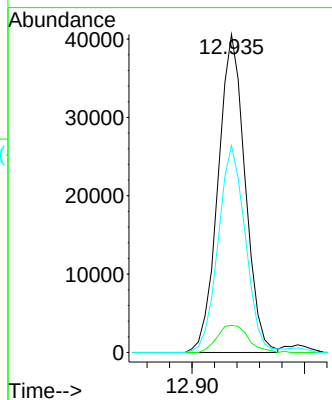
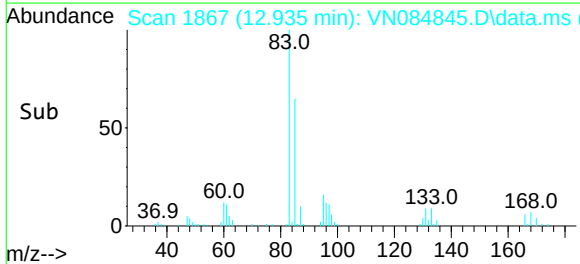
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion:	83	Resp:	67668
Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.7
85	65.5	31.9	95.7

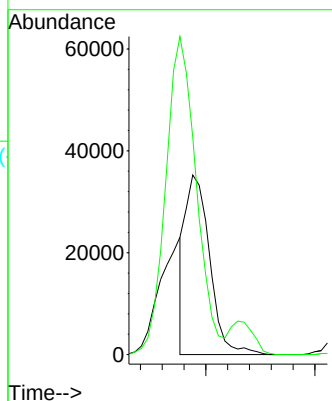
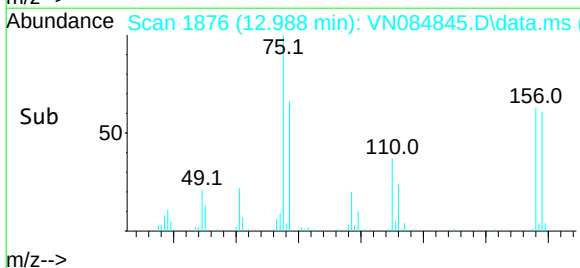
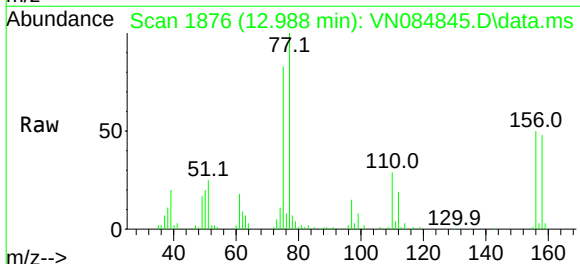
Manual Integrations
APPROVED

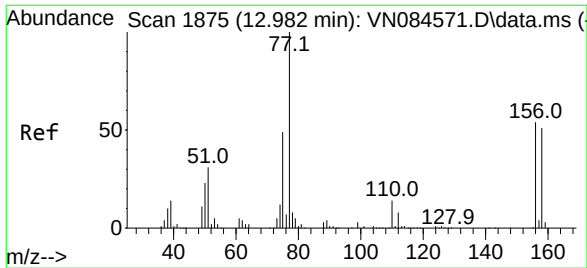
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#76
1,2,3-Trichloropropane
Concen: 20.121 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

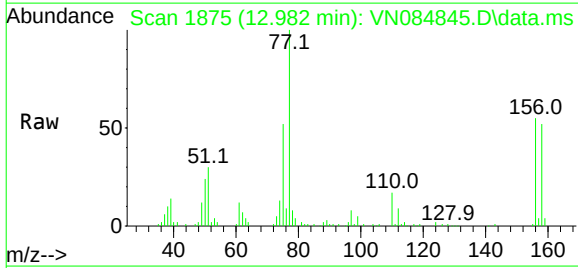
Tgt Ion:	75	Resp:	54284
Ion	Ratio	Lower	Upper
75	100		
77	224.5	96.9	290.7





#77
Bromobenzene
Concen: 21.623 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

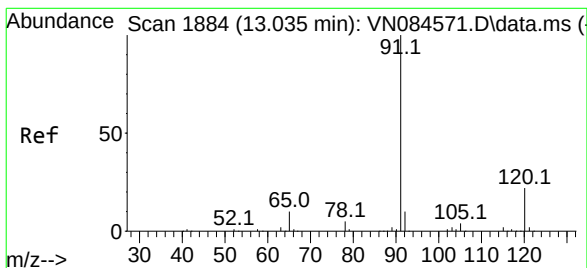
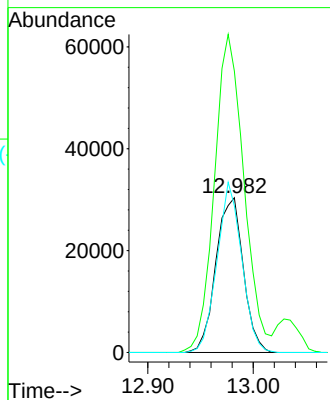
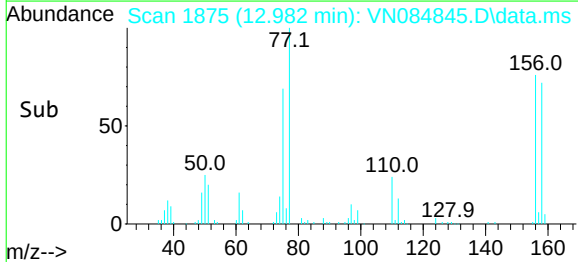
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 156 Resp: 54977
Ion Ratio Lower Upper
156 100
77 221.7 115.1 345.3
158 99.2 48.9 146.8

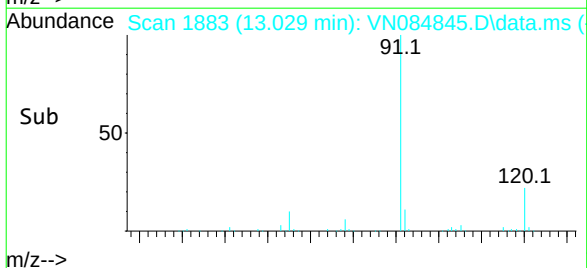
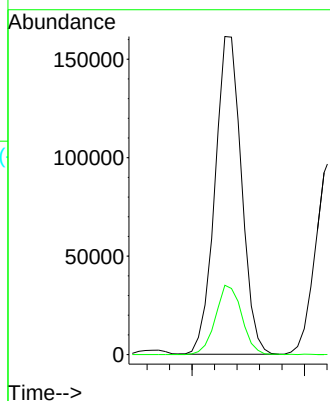
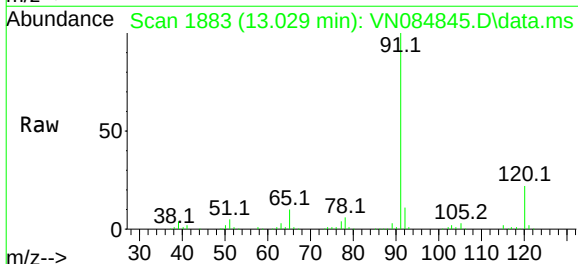
Manual Integrations
APPROVED

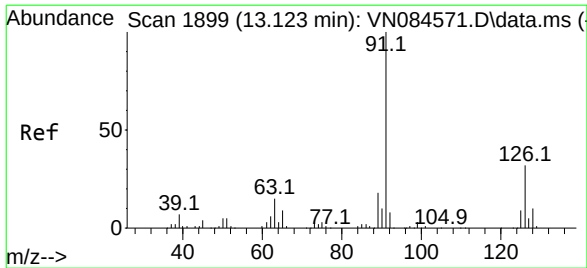
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#78
n-propylbenzene
Concen: 23.854 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Tgt Ion: 91 Resp: 264379
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.4





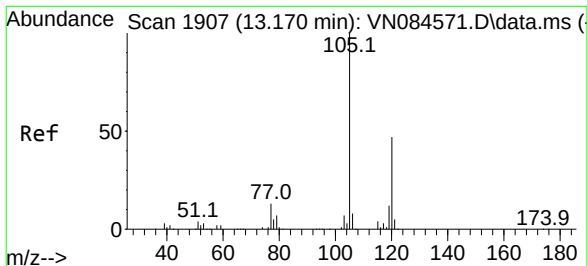
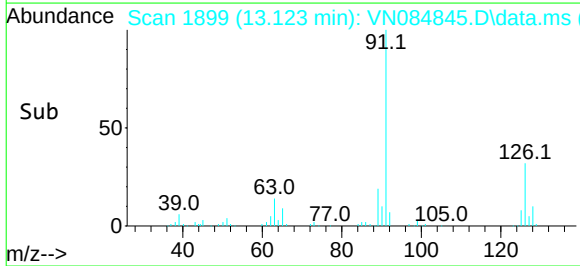
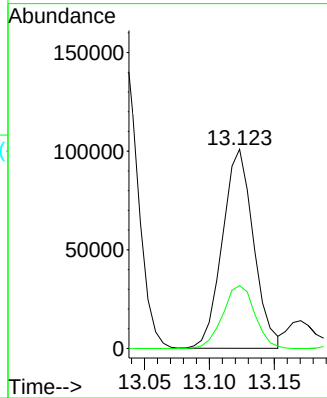
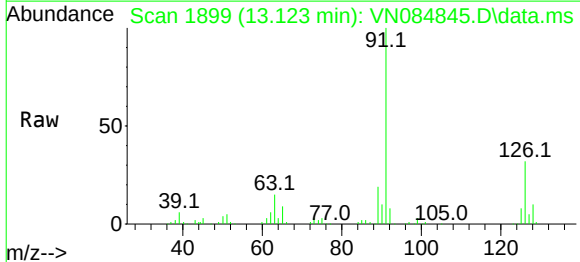
#79
2-Chlorotoluene
Concen: 23.290 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 91 Resp: 168660
Ion Ratio Lower Upper
91 100
126 32.5 15.7 47.1

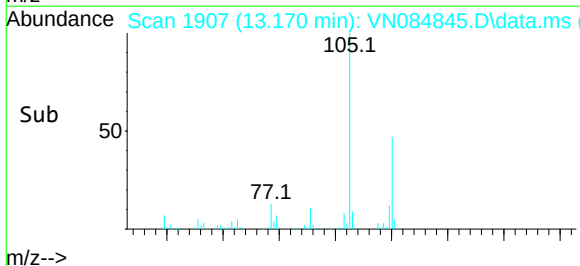
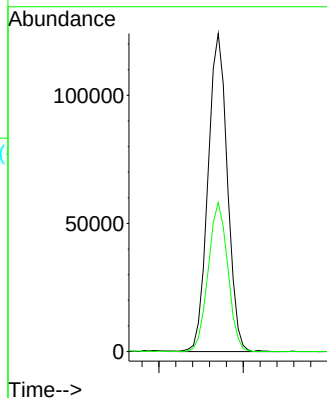
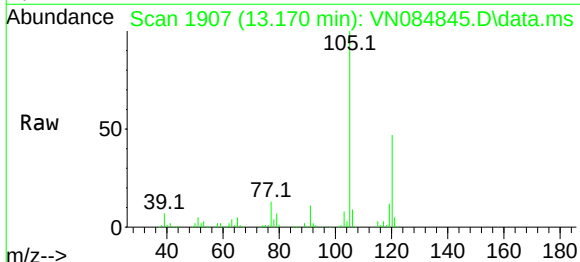
Manual Integrations
APPROVED

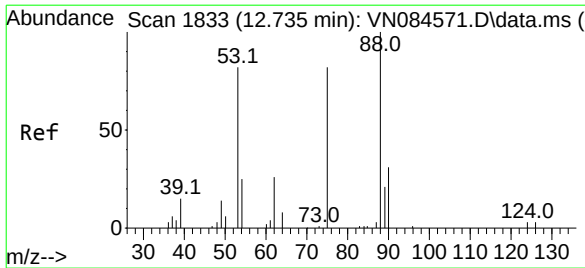
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 25.255 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

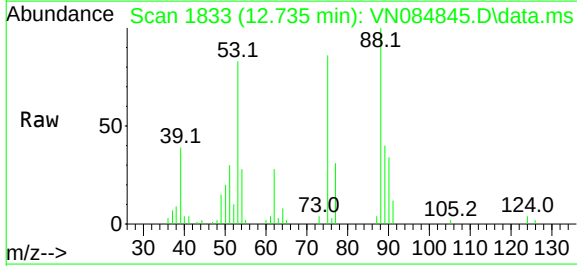
Tgt Ion:105 Resp: 197971
Ion Ratio Lower Upper
105 100
120 47.3 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 21.281 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

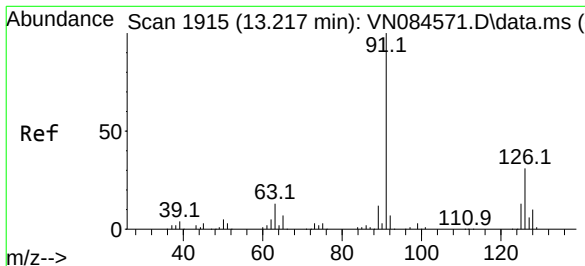
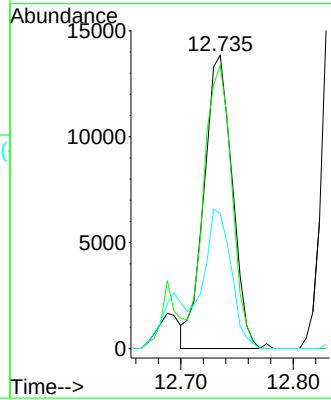
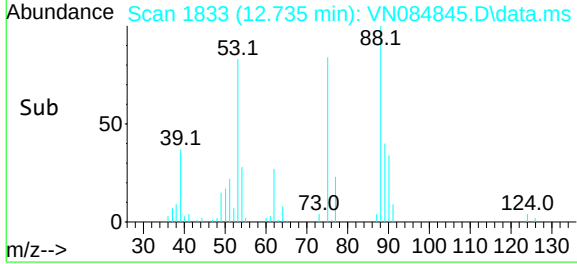
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 75 Resp: 24200
Ion Ratio Lower Upper
75 100
53 95.2 78.0 117.0
89 46.3 35.5 53.3

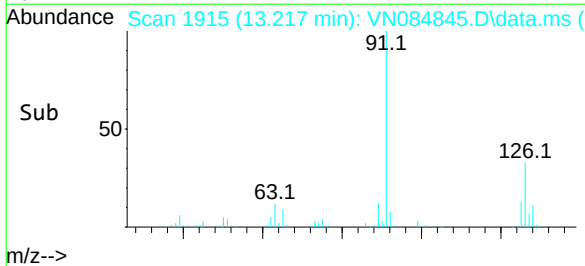
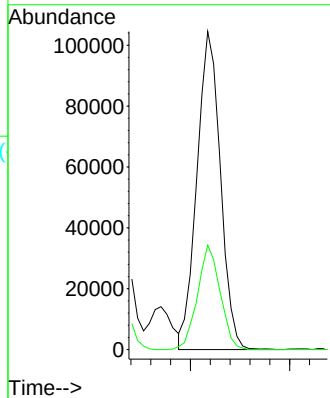
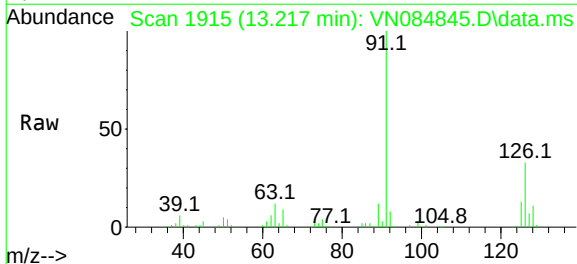
Manual Integrations
APPROVED

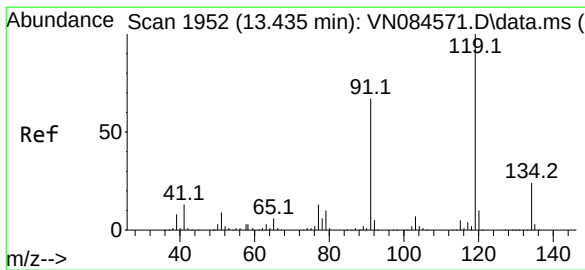
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#82
4-Chlorotoluene
Concen: 22.525 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

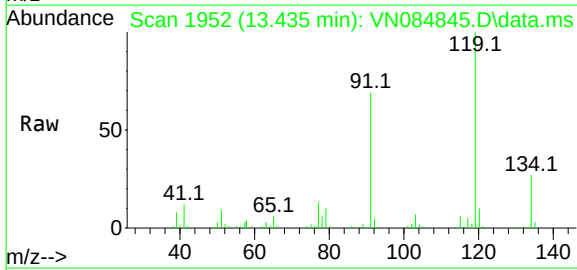
Tgt Ion: 91 Resp: 171666
Ion Ratio Lower Upper
91 100
126 31.6 15.7 47.1





#83
tert-Butylbenzene
Concen: 25.089 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

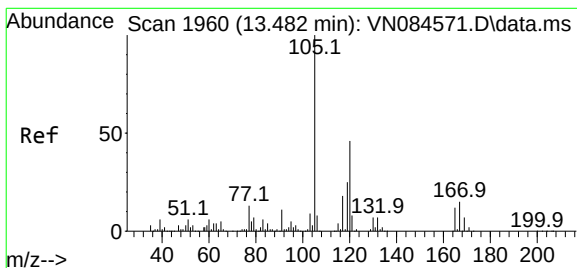
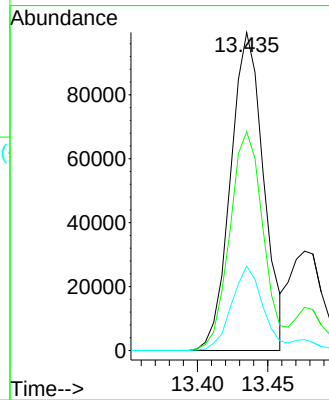
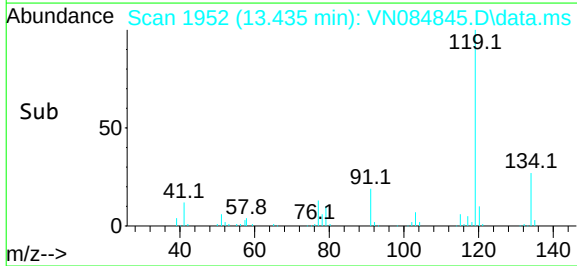
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



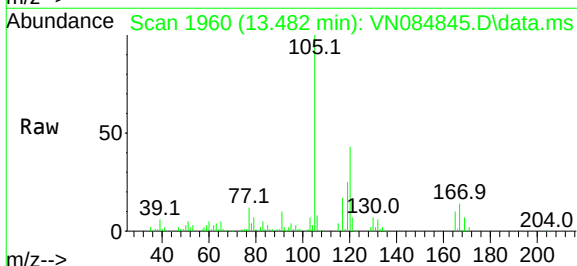
Tgt Ion:119 Resp: 162768
Ion Ratio Lower Upper
119 100
91 70.4 34.1 102.3
134 25.3 12.8 38.4

Manual Integrations
APPROVED

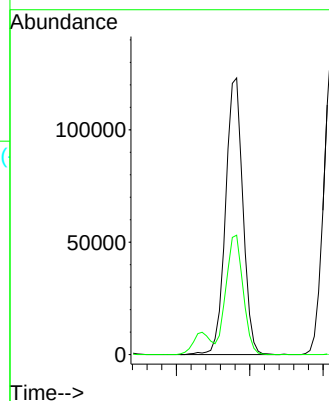
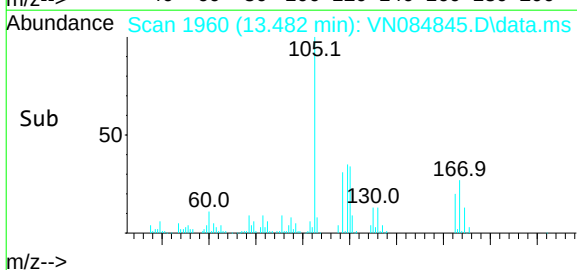
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024

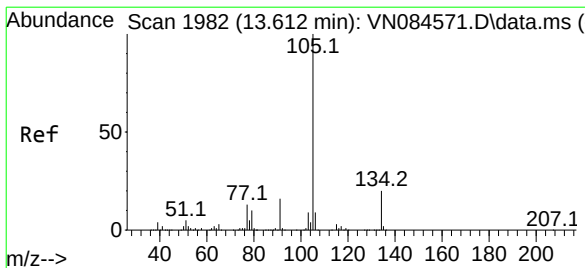


#84
1,2,4-Trimethylbenzene
Concen: 24.923 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53



Tgt Ion:105 Resp: 201637
Ion Ratio Lower Upper
105 100
120 42.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 24.623 ug/l

RT: 13.611 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN084845.D

Acq: 14 Nov 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

Tgt Ion:105 Resp: 225651

Ion Ratio Lower Upper

105 100

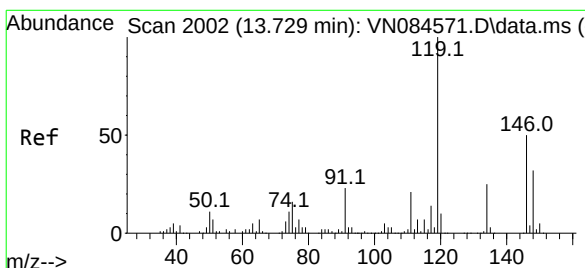
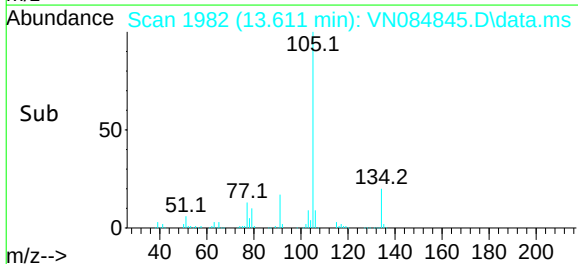
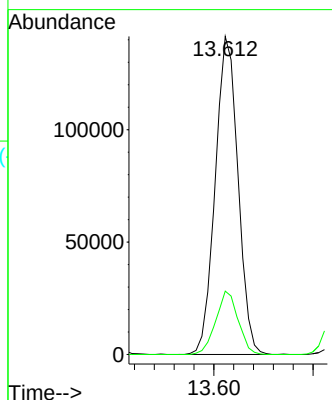
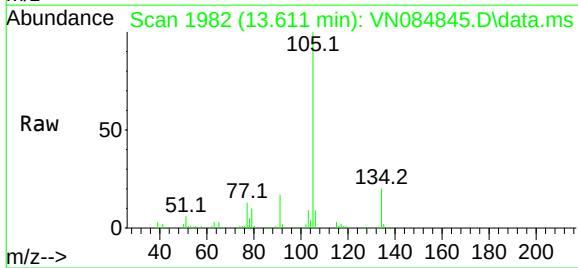
134 19.5 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#86

p-Isopropyltoluene

Concen: 25.258 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084845.D

Acq: 14 Nov 2024 11:53

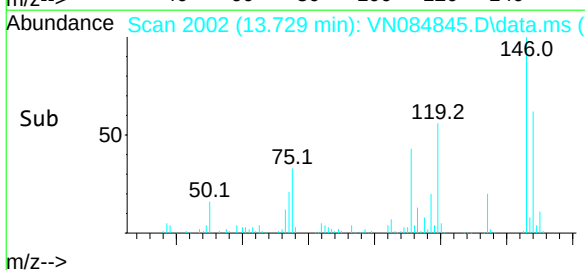
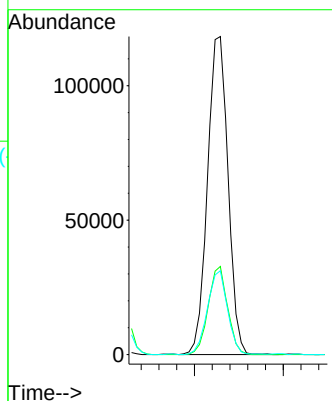
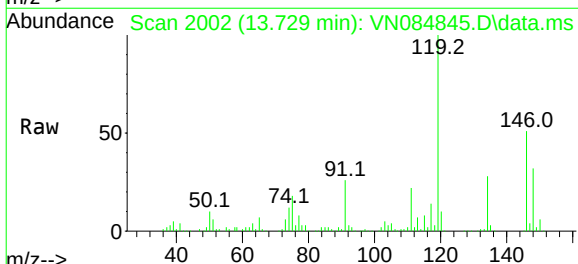
Tgt Ion:119 Resp: 189832

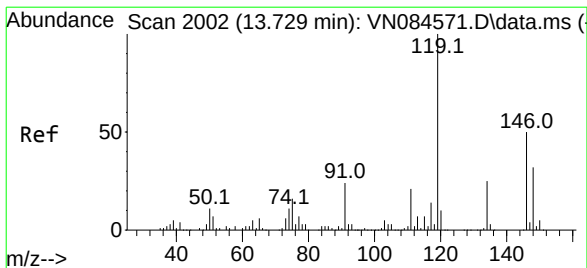
Ion Ratio Lower Upper

119 100

134 26.1 12.6 37.8

91 25.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.835 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084845.D

Acq: 14 Nov 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

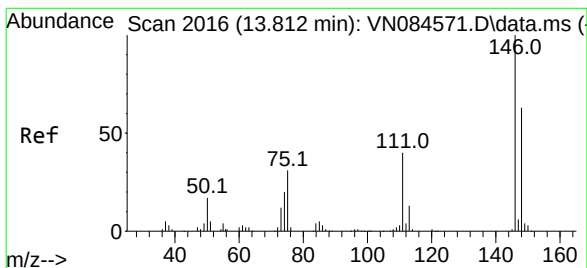
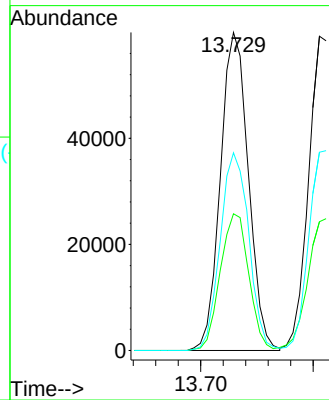
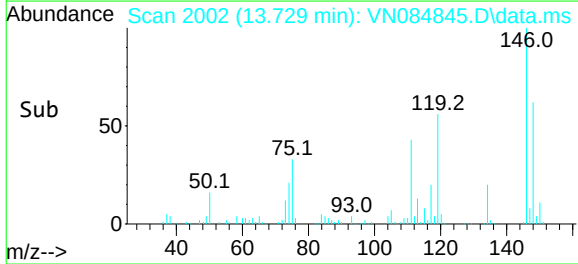
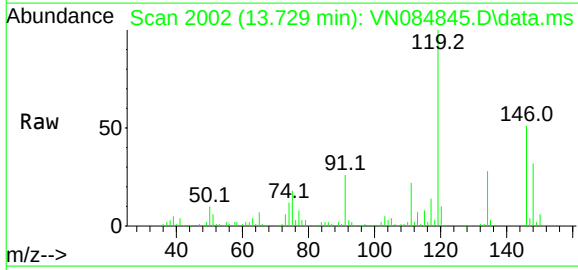
Tgt Ion:	146	Resp:	103386
Ion Ratio	Lower	Upper	
146	100		
111	43.9	21.8	65.3
148	63.7	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#88

1,4-Dichlorobenzene

Concen: 22.077 ug/l

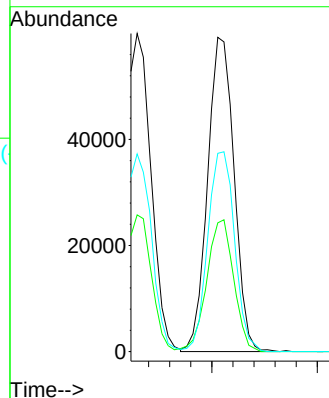
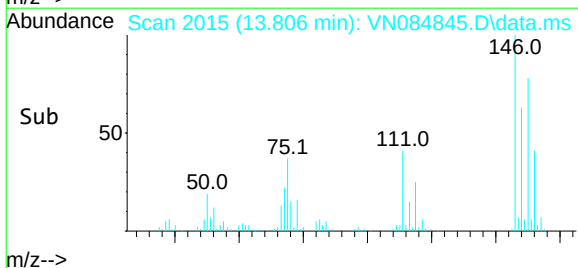
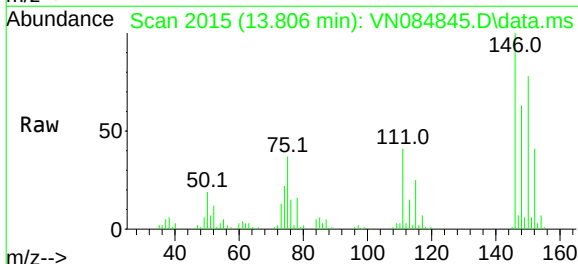
RT: 13.806 min Scan# 2015

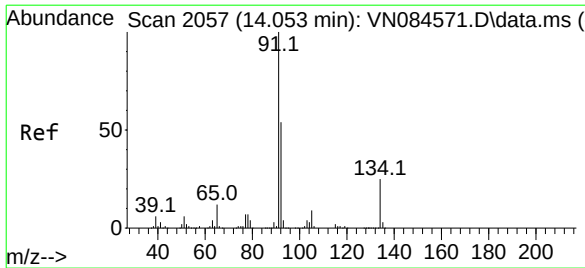
Delta R.T. -0.006 min

Lab File: VN084845.D

Acq: 14 Nov 2024 11:53

Tgt Ion:	146	Resp:	103467
Ion Ratio	Lower	Upper	
146	100		
111	42.7	21.2	63.6
148	64.6	31.9	95.9





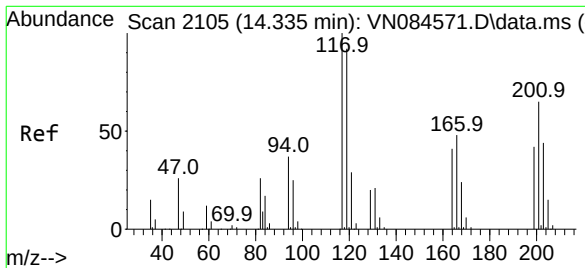
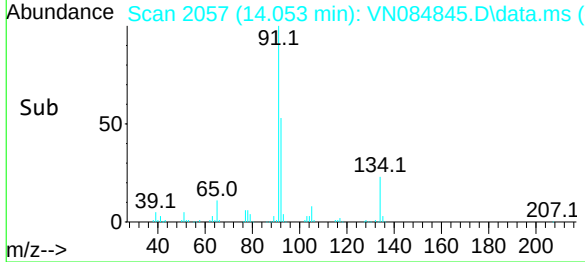
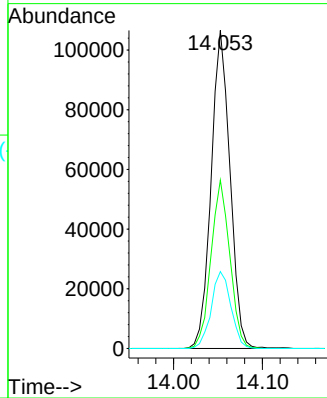
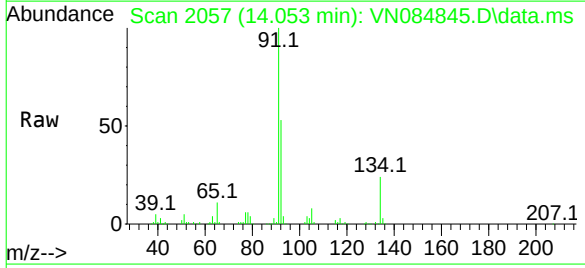
#89
n-Butylbenzene
Concen: 22.444 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 91 Resp: 157796
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.7
134 25.2 12.3 36.9

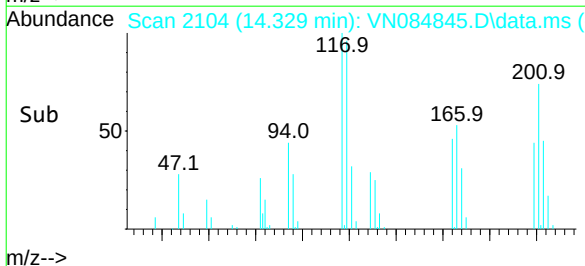
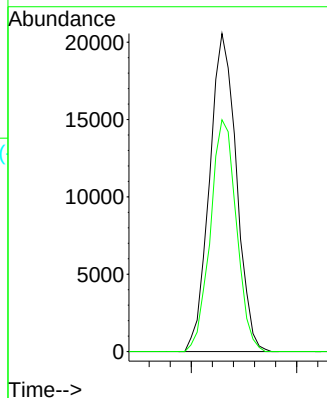
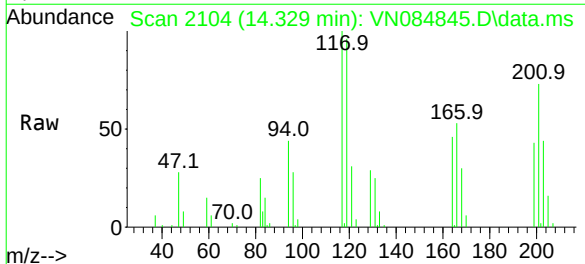
Manual Integrations
APPROVED

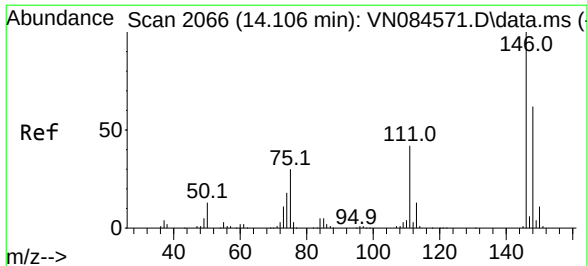
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#90
Hexachloroethane
Concen: 21.772 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

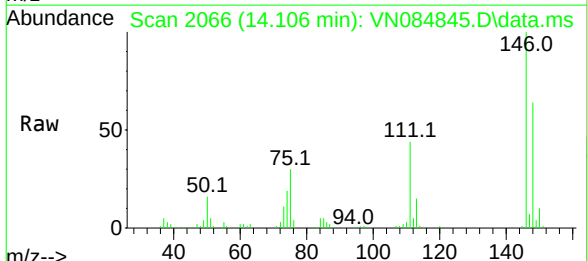
Tgt Ion:117 Resp: 36492
Ion Ratio Lower Upper
117 100
201 70.5 34.4 103.2





#91
1,2-Dichlorobenzene
Concen: 21.509 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53

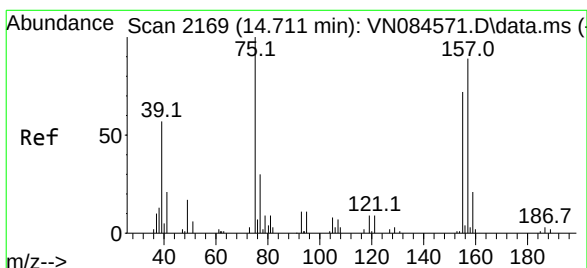
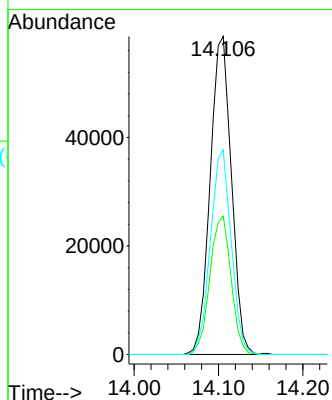
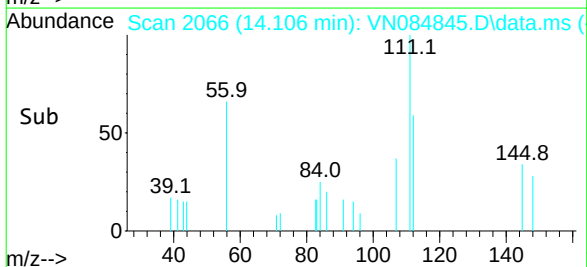
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



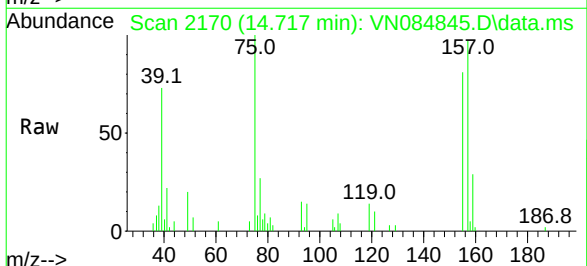
Tgt Ion:146 Resp: 102558
Ion Ratio Lower Upper
146 100
111 43.3 22.0 66.0
148 62.8 32.1 96.3

Manual Integrations
APPROVED

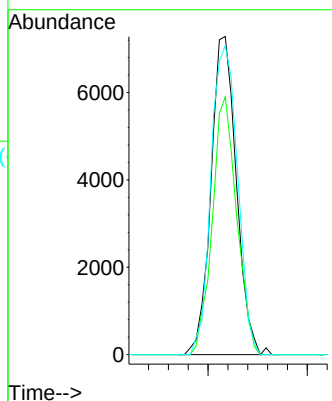
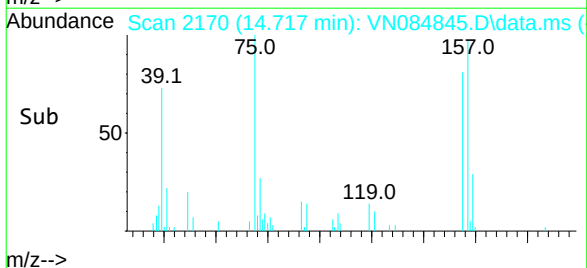
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024

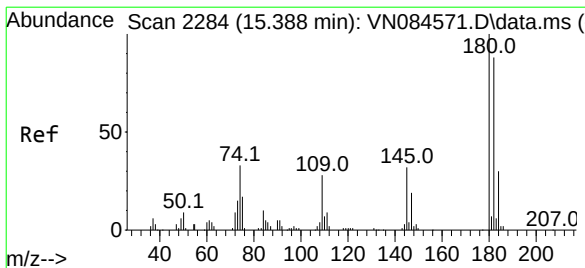


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.214 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084845.D
Acq: 14 Nov 2024 11:53



Tgt Ion: 75 Resp: 12928
Ion Ratio Lower Upper
75 100
155 77.9 38.1 114.5
157 101.5 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 19.733 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN084845.D

Acq: 14 Nov 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

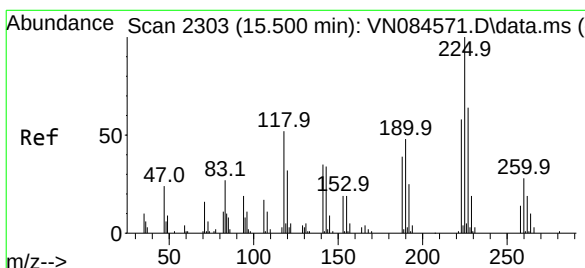
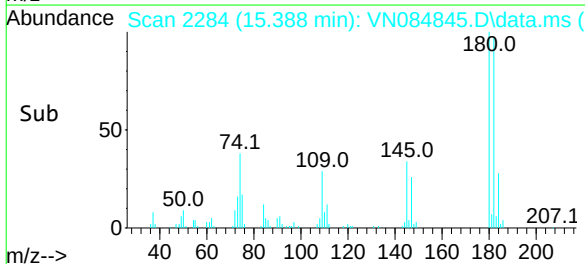
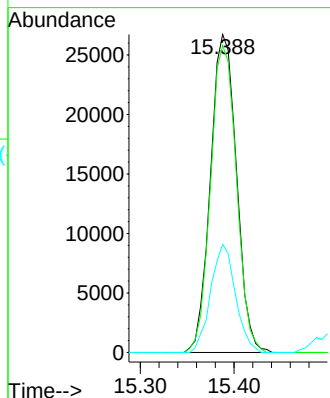
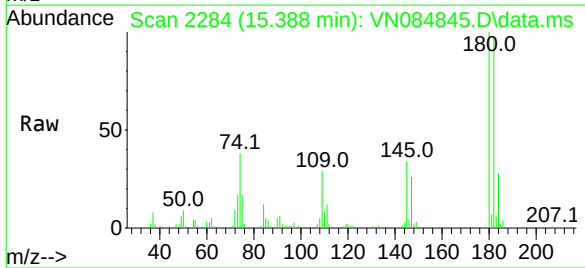
Tgt Ion:	180	Resp:	51500
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.0	141.0
145	32.4	16.4	49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#94

Hexachlorobutadiene

Concen: 22.036 ug/l

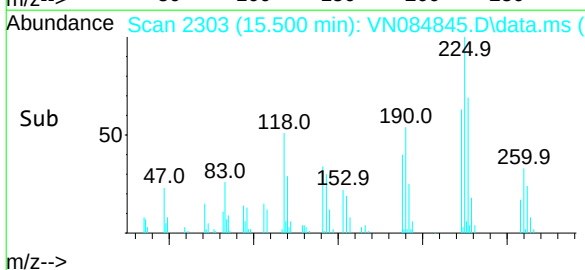
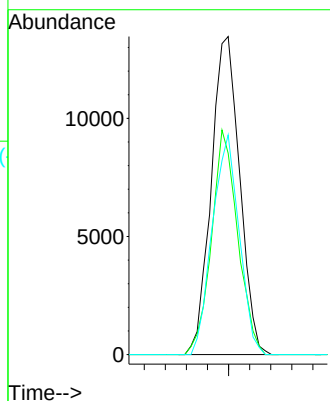
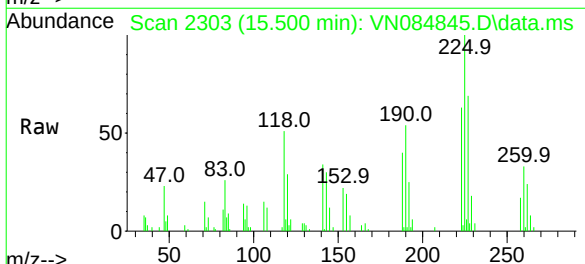
RT: 15.500 min Scan# 2303

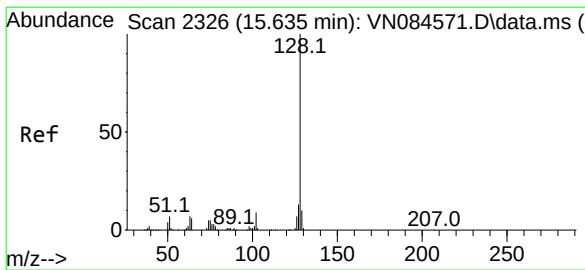
Delta R.T. -0.000 min

Lab File: VN084845.D

Acq: 14 Nov 2024 11:53

Tgt Ion:	225	Resp:	25256
Ion Ratio	Lower	Upper	
225	100		
223	64.9	32.4	97.2
227	65.1	32.4	97.0





#95

Naphthalene

Concen: 19.424 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084845.D

Acq: 14 Nov 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

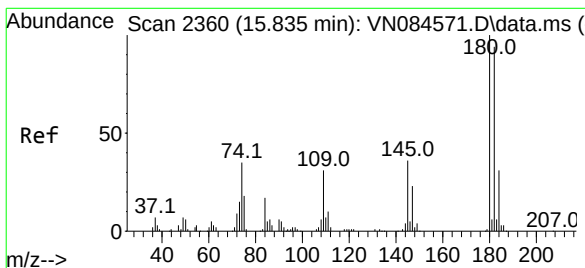
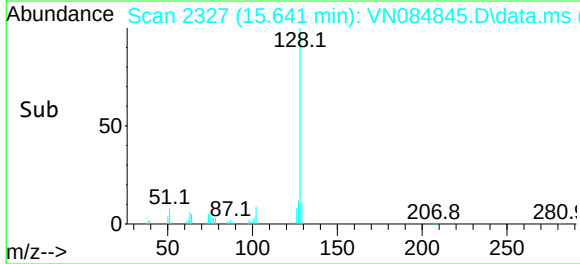
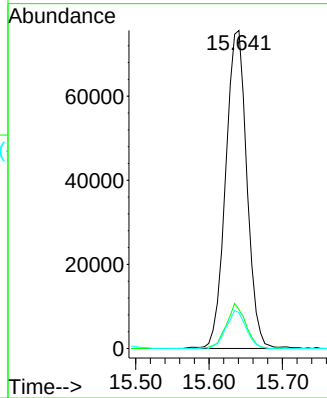
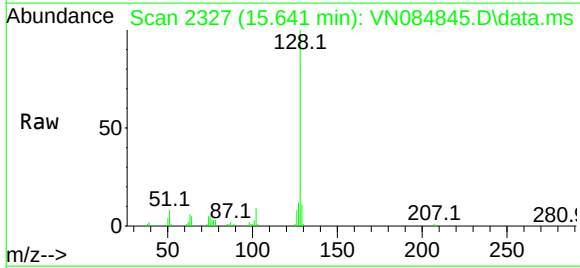
Tgt Ion:	128	Resp:	151735
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	11.3	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#96

1,2,3-Trichlorobenzene

Concen: 19.724 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084845.D

Acq: 14 Nov 2024 11:53

Tgt Ion:	180	Resp:	49971
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.2	144.6
145	35.3	17.3	51.9

