

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084345.D
 Acq On : 08 Oct 2024 13:21
 Operator : JC\MD
 Sample : VN1008WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/09/2024
 Supervised By : Mahesh Dadoda 10/09/2024

Quant Time: Oct 09 02:29:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:21:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	30094	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	165231	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	152182	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	74609	30.794	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.633%			
60) 4-Bromofluorobenzene	12.847	95	76223	30.348	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.167%			
63) Toluene-d8	10.565	98	214517	30.428	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.433%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	32682	17.787	ug/l	88
3) Chloromethane	2.365	50	39185	18.741	ug/l	95
4) Vinyl Chloride	2.518	62	37858	18.463	ug/l	100
5) Bromomethane	2.965	94	25645	18.878	ug/l	88
6) Chloroethane	3.124	64	24501	18.227	ug/l	91
7) Trichlorofluoromethane	3.501	101	60443	18.097	ug/l	99
8) Diethyl Ether	3.965	74	22624	18.425	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	35548	18.929	ug/l	98
10) 1,1-Dichloroethene	4.336	96	33612	17.938	ug/l	80
11) Methyl Iodide	4.589	142	43463	17.650	ug/l	93
12) Methyl Acetate	5.024	43	41221	17.572	ug/l	95
13) Acrolein	4.183	56	43777	100.459	ug/l	98
14) Acrylonitrile	5.712	53	90986	86.332	ug/l	98
15) Acetone	4.424	58	29599	98.316	ug/l	95
16) Carbon Disulfide	4.718	76	95505	17.116	ug/l	100
17) Allyl chloride	5.030	41	52116	17.157	ug/l	96
18) Methylene Chloride	5.283	84	38256	18.123	ug/l	96
19) trans-1,2-Dichloroethene	5.795	96	35005	17.651	ug/l	92
20) Diisopropyl ether	6.671	45	118713	18.177	ug/l	96
21) 1,1-Dichloroethane	6.571	63	66566	17.763	ug/l	97
22) cis-1,2-Dichloroethene	7.489	96	42231	18.300	ug/l	98
23) tert-Butyl Alcohol	5.512	59	33087	81.847	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	113649	18.149	ug/l #	84
25) Chloroform	7.971	83	71675	18.885	ug/l	94
26) Cyclohexane	8.253	56	53679	17.127	ug/l #	96
29) 1,1-Dichloropropene	8.371	75	48248	17.788	ug/l	99
30) 2-Butanone	7.483	43	128518	88.993	ug/l	100
31) 2,2-Dichloropropane	7.489	77	59025	18.518	ug/l #	81
32) 1,1,1-Trichloroethane	8.165	97	62724	18.092	ug/l	99
33) Carbon Tetrachloride	8.359	117	53473	17.803	ug/l	96
34) Benzene	8.606	78	154422	18.187	ug/l	98
35) Methacrylonitrile	7.777	41	25955	16.847	ug/l	98
36) 1,2-Dichloroethane	8.671	62	51528	18.207	ug/l	99
37) Trichloroethene	9.353	130	35424	18.118	ug/l	94
38) Methylcyclohexane	9.600	83	52342	17.568	ug/l	99
39) 1,2-Dichloropropane	9.618	63	36987	17.864	ug/l	97
40) Dibromomethane	9.712	93	26903	18.591	ug/l	97
41) Bromodichloromethane	9.888	83	57031	18.565	ug/l	99
42) Vinyl Acetate	6.600	43	454243	90.440	ug/l	99

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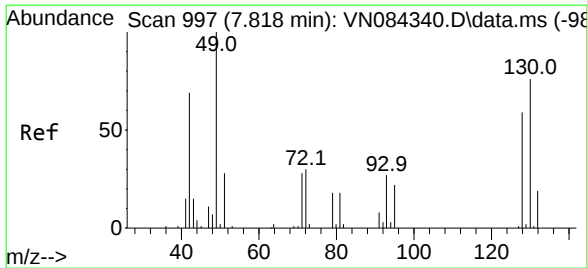
Manual Integrations
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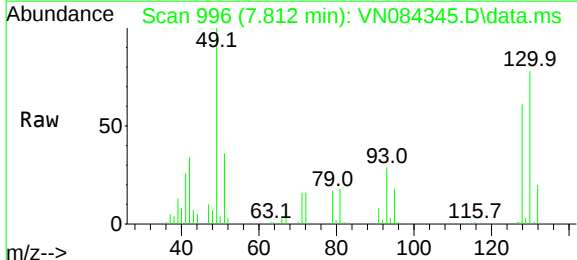
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	49685	17.445	ug/l	100
44) Isopropyl Acetate	8.688	43	83446	17.900	ug/l	98
45) 1,4-Dioxane	9.694	88	14032	333.912	ug/l	97
46) Methyl methacrylate	9.683	41	38891	17.267	ug/l	97
47) n-amyl Acetate	12.494	43	71441	17.229	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	55994	17.639	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	60903	18.306	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	34999	17.994	ug/l	98
51) Ethyl methacrylate	10.871	69	56110	17.465	ug/l	97
52) 1,3-Dichloropropane	11.165	76	62433	18.358	ug/l	99
53) Dibromochloromethane	11.359	129	41504	18.063	ug/l	100
54) 1,2-Dibromoethane	11.471	107	35918	17.940	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	137593	94.427	ug/l	99
56) Bromoform	12.576	173	26031	17.082	ug/l	97
58) 4-Methyl-2-Pentanone	10.441	43	247223	87.207	ug/l	99
59) 2-Hexanone	11.194	43	183240	86.985	ug/l	99
61) Tetrachloroethene	11.100	164	32562	18.916	ug/l	95
62) Toluene	10.630	91	164465	18.460	ug/l	100
64) Chlorobenzene	11.888	112	99407	17.931	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	35566	18.466	ug/l	98
66) Ethyl Benzene	11.965	91	171373	17.705	ug/l	99
67) m/p-Xylenes	12.071	106	133521	36.364	ug/l	99
68) o-Xylene	12.400	106	63492	17.939	ug/l	100
69) Styrene	12.412	104	108383	17.839	ug/l	99
70) Isopropylbenzene	12.694	105	161771	17.904	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	49802	17.818	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	41344m	17.271	ug/l	
73) Bromobenzene	12.976	156	39538	18.069	ug/l	97
74) n-propylbenzene	13.035	91	190983	17.738	ug/l	99
75) 2-Chlorotoluene	13.124	91	121976	18.231	ug/l	100
76) 1,3,5-Trimethylbenzene	13.171	105	136775	17.979	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	16364	15.997	ug/l	87
78) 4-Chlorotoluene	13.224	91	120716	17.746	ug/l	100
79) tert-butylbenzene	13.435	119	113881	17.546	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	136396	17.670	ug/l	99
81) sec-Butylbenzene	13.618	105	158374	17.724	ug/l	98
82) p-Isopropyltoluene	13.729	119	129631	17.236	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	72989	17.939	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	70611	17.477	ug/l	98
85) n-Butylbenzene	14.053	91	110590	16.977	ug/l	99
86) Hexachloroethane	14.329	117	24963	17.228	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	69725	17.724	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.718	75	9246	16.176	ug/l	99
89) 1,2,4-Trichlorobenzene	15.835	180	34455	16.846	ug/l	95
90) Hexachlorobutadiene	15.500	225	16231	17.153	ug/l	98
91) Naphthalene	15.641	128	104075	15.016	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	34455	16.846	ug/l	95

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

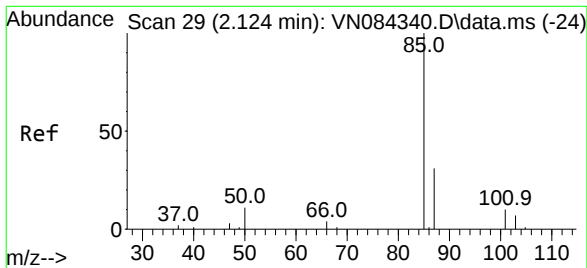
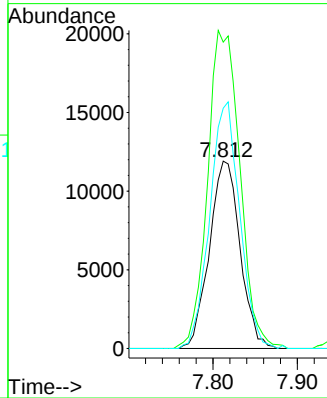
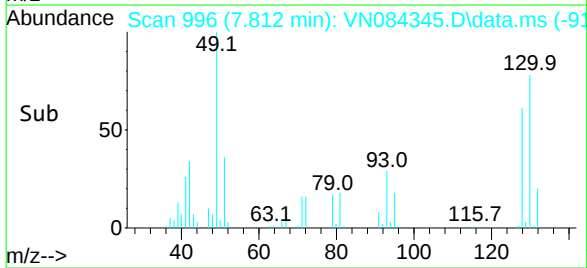
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01



Tgt Ion:128 Resp: 30094
Ion Ratio Lower Upper
128 100
49 178.7 0.0 430.0
130 128.8 0.0 329.8

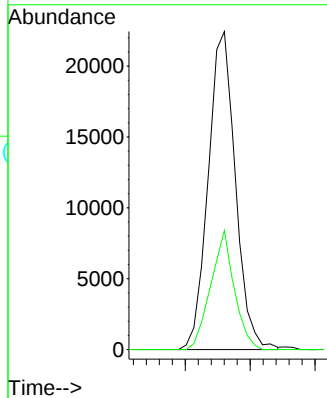
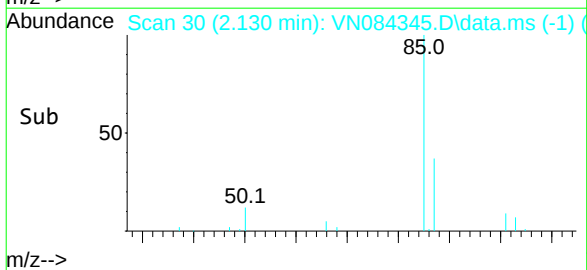
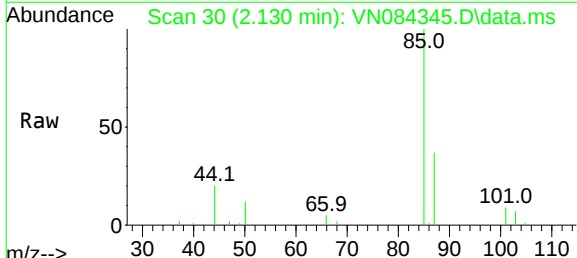
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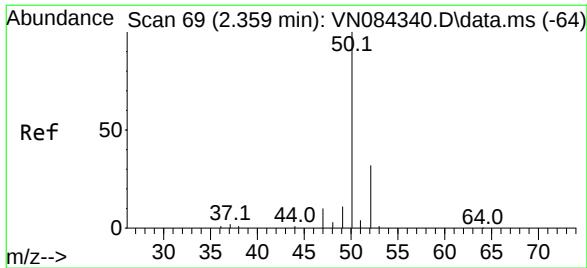
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#2
Dichlorodifluoromethane
Concen: 17.787 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 85 Resp: 32682
Ion Ratio Lower Upper
85 100
87 37.5 15.4 46.4





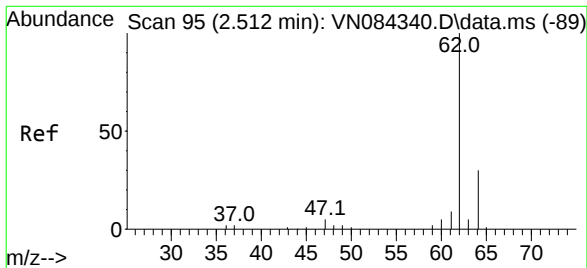
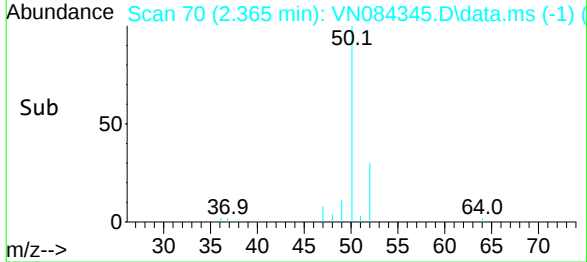
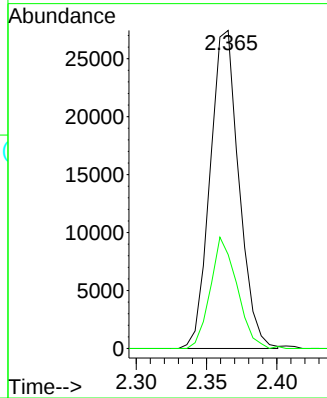
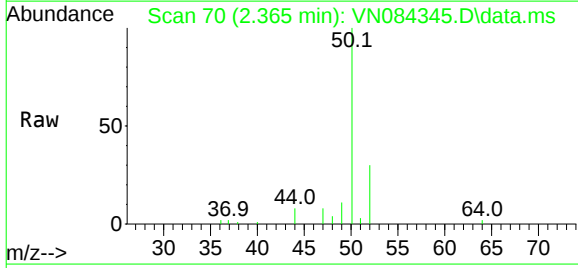
#3
Chloromethane
Concen: 18.741 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tgt Ion: 50 Resp: 39185
Ion Ratio Lower Upper
50 100
52 29.5 25.8 38.6

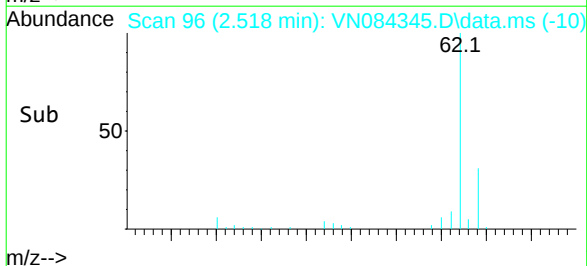
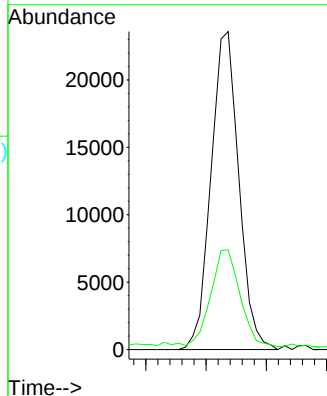
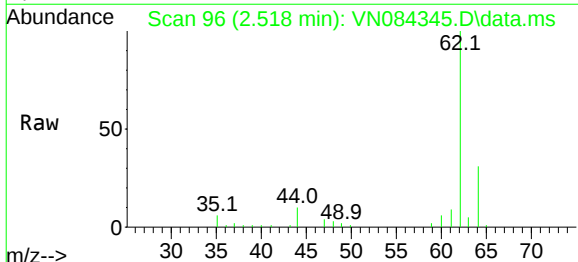
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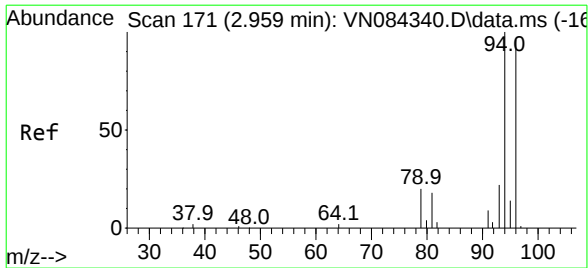
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#4
Vinyl Chloride
Concen: 18.463 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 62 Resp: 37858
Ion Ratio Lower Upper
62 100
64 30.4 24.3 36.5





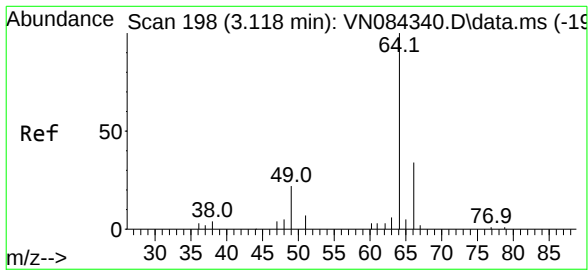
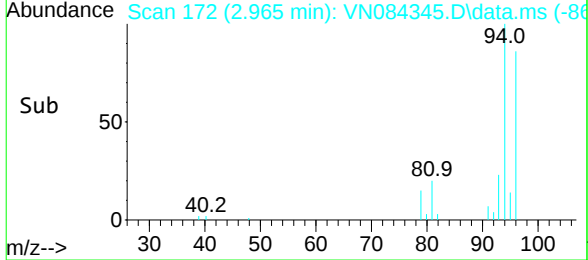
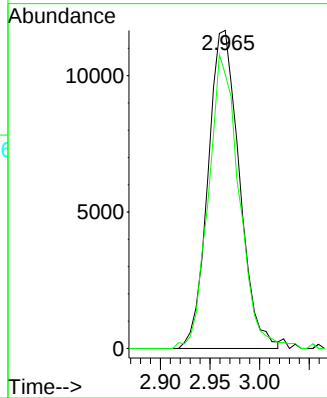
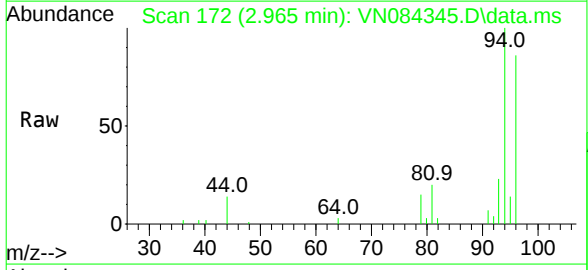
#5
Bromomethane
Concen: 18.878 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 25645
Ion Ratio Lower Upper
94 100
96 84.4 76.7 115.1

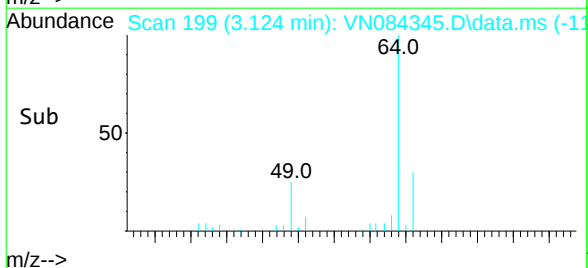
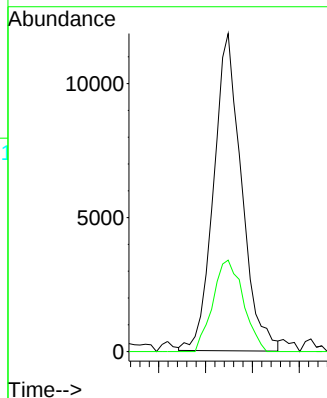
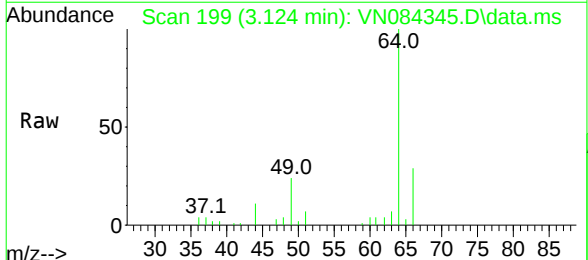
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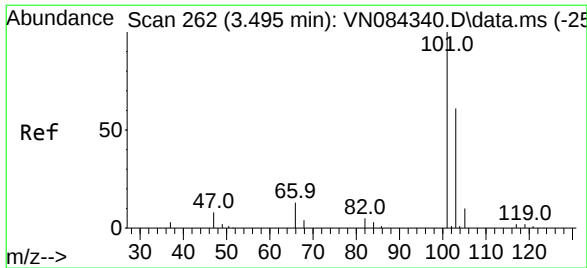
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#6
Chloroethane
Concen: 18.227 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 64 Resp: 24501
Ion Ratio Lower Upper
64 100
66 29.1 27.7 41.5





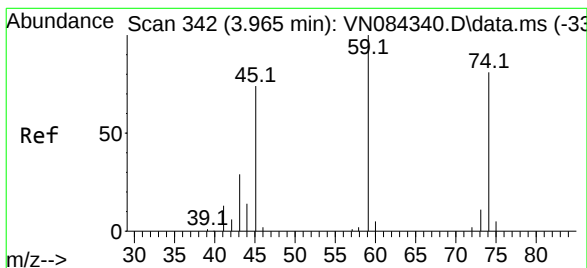
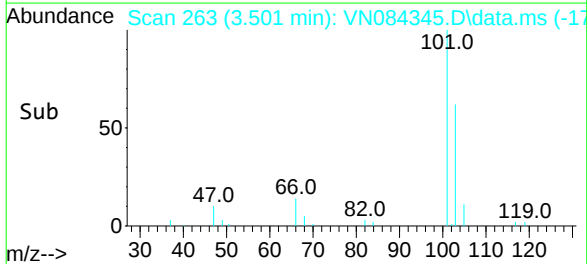
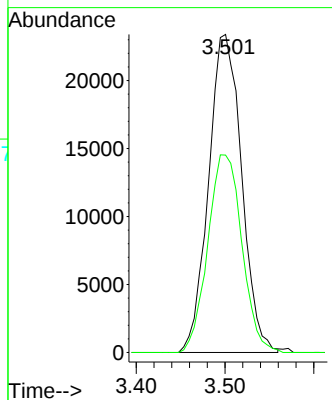
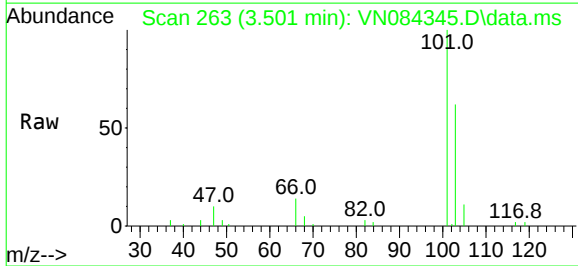
#7
 Trichlorofluoromethane
 Concen: 18.097 ug/l
 RT: 3.501 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN084345.D
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Instrument :
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Tgt Ion: 101 Resp: 60443
 Ion Ratio Lower Upper
 101 100
 103 62.1 49.0 73.6

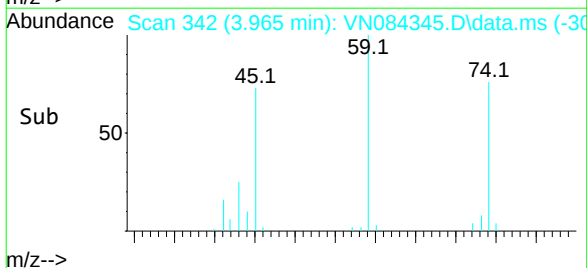
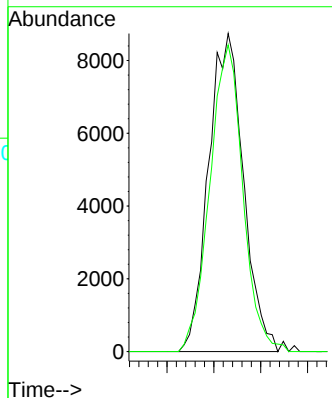
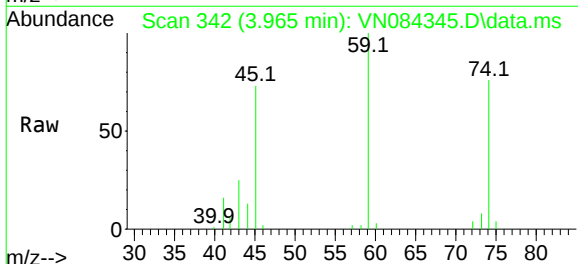
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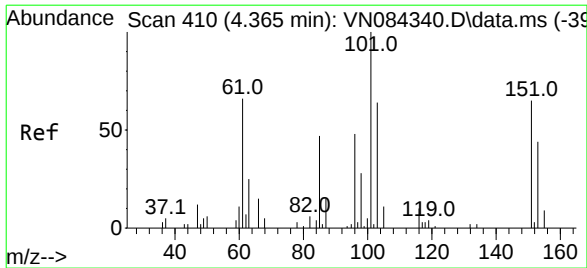
Reviewed By : John Carlone 10/09/2024
 Supervised By : Mahesh Dadoda 10/09/2024



#8
 Diethyl Ether
 Concen: 18.425 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21

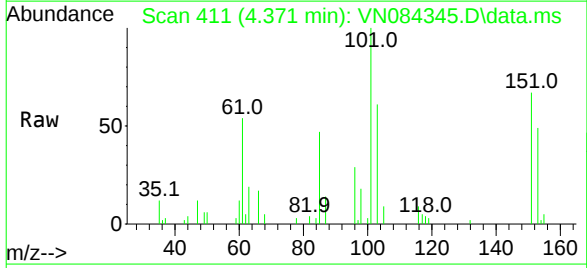
Tgt Ion: 74 Resp: 22624
 Ion Ratio Lower Upper
 74 100
 45 90.9 19.2 173.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.929 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084345.D
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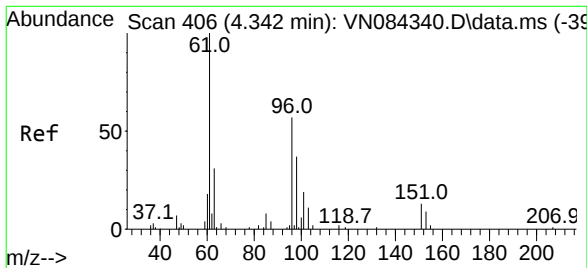
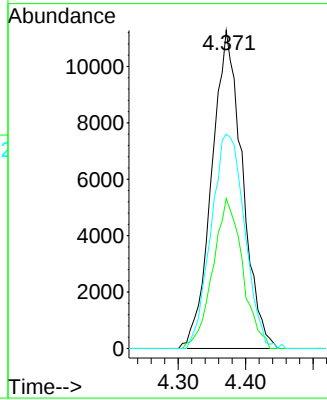
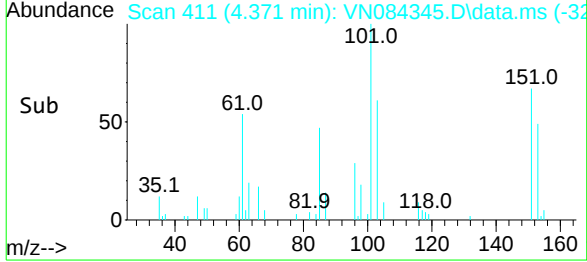
Instrument :
MSVOA_N
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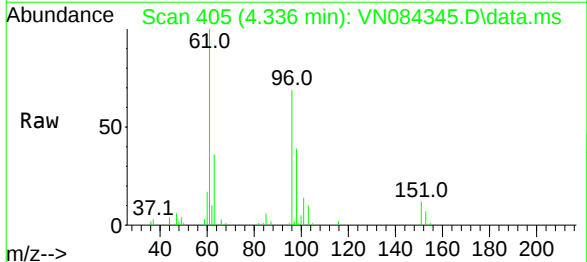
Tgt Ion: 101 Resp: 35548
Ion Ratio Lower Upper
101 100
85 45.8 0.0 93.6
151 73.7 0.0 151.8

Manual Integrations
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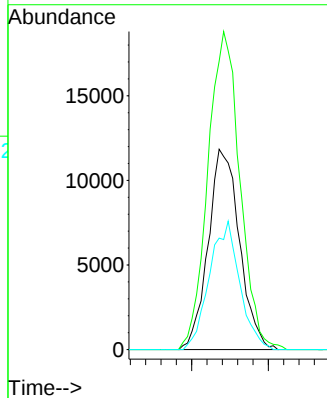
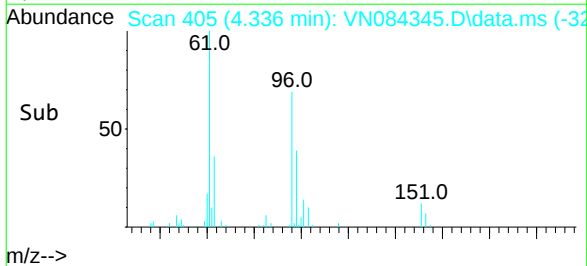
Reviewed By : John Carlone 10/09/2024
Supervised By : Mahesh Dadoda 10/09/2024

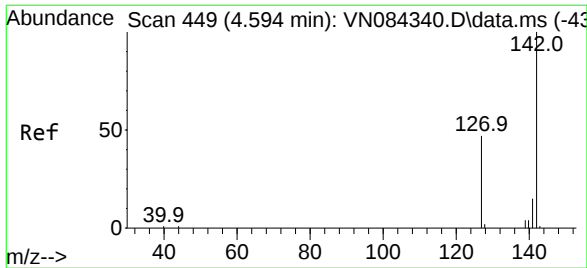


#10
1,1-Dichloroethene
Concen: 17.938 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21



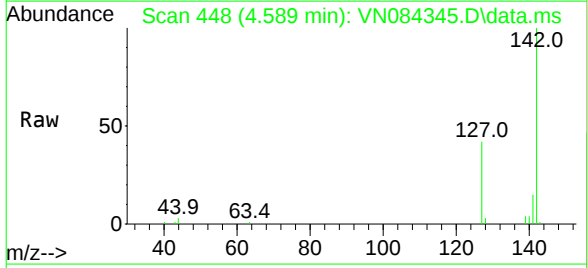
Tgt Ion: 96 Resp: 33612
Ion Ratio Lower Upper
96 100
61 144.0 140.8 211.2
98 55.6 52.2 78.2





#11
Methyl Iodide
Concen: 17.650 ug/l
RT: 4.589 min Scan# 44
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

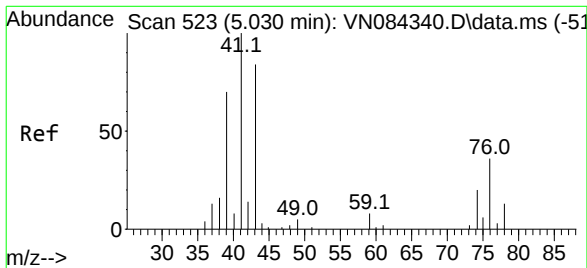
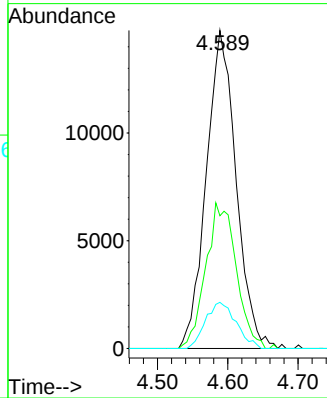
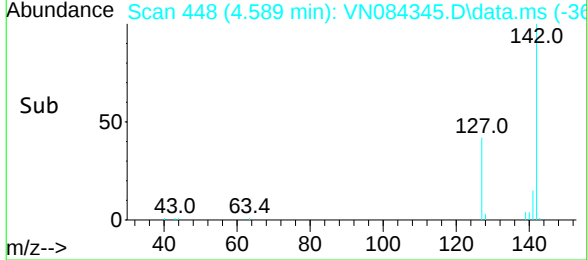
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01



Tgt Ion: 142 Resp: 43463
Ion Ratio Lower Upper
142 100
127 41.7 23.8 71.4
141 14.5 7.4 22.2

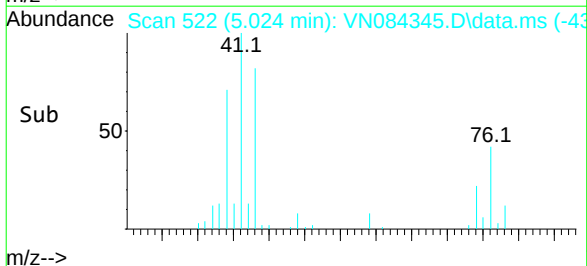
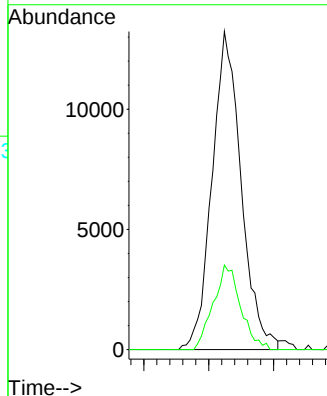
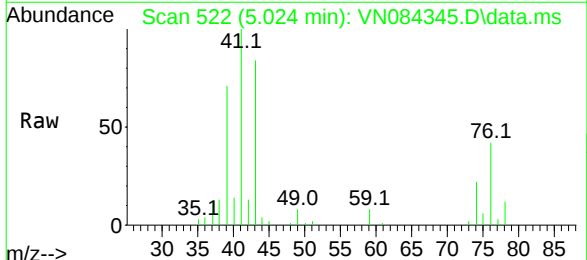
Manual Integrations
APPROVED

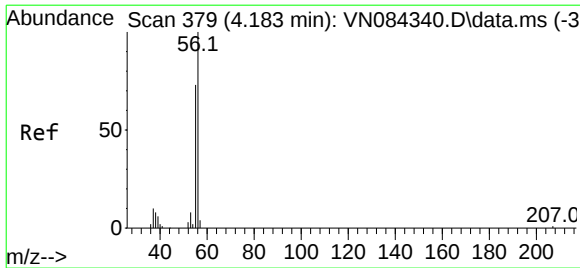
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#12
Methyl Acetate
Concen: 17.572 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

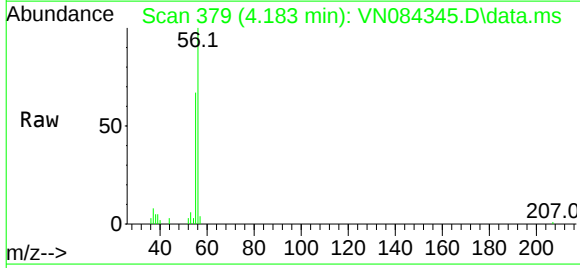
Tgt Ion: 43 Resp: 41221
Ion Ratio Lower Upper
43 100
74 27.0 19.4 29.2





#13
Acrolein
Concen: 100.459 ug/l
RT: 4.183 min Scan# 37
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

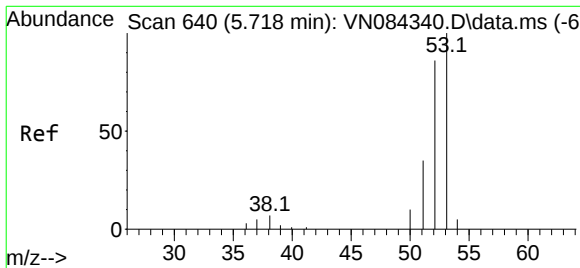
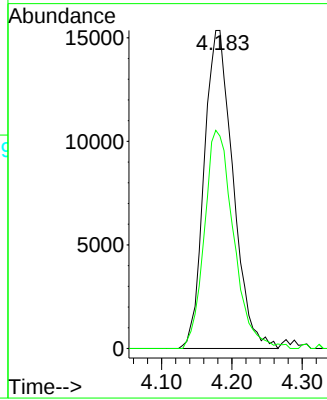
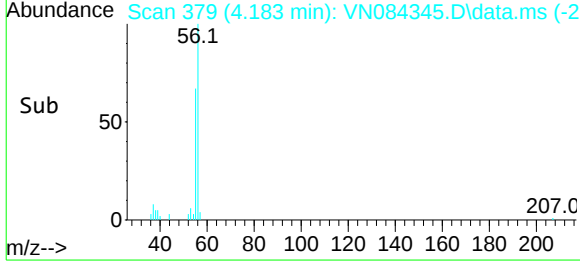
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01



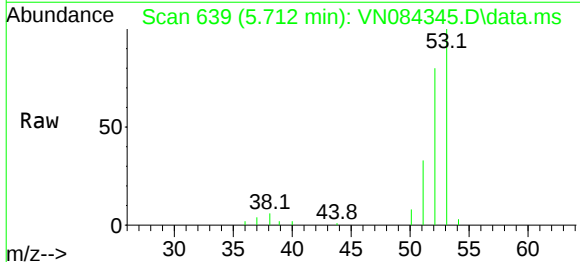
Tgt Ion: 56 Resp: 43777
Ion Ratio Lower Upper
56 100
55 69.1 56.4 84.6

Manual Integrations
APPROVED

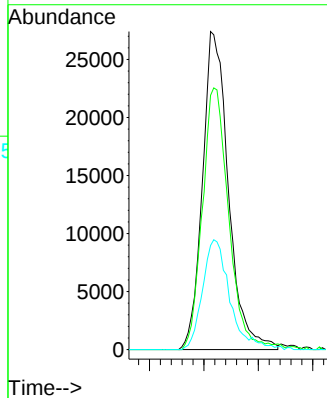
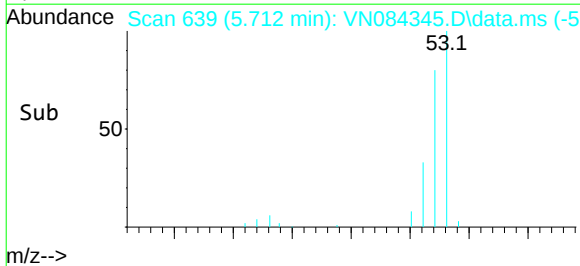
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

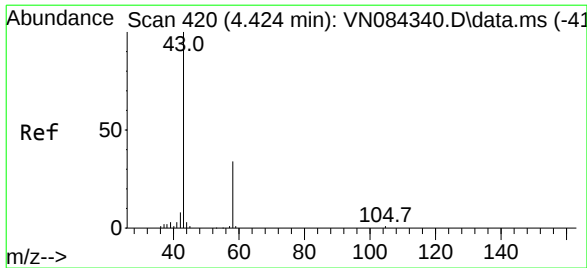


#14
Acrylonitrile
Concen: 86.332 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21



Tgt Ion: 53 Resp: 90986
Ion Ratio Lower Upper
53 100
52 82.9 40.4 121.2
51 34.5 17.8 53.4





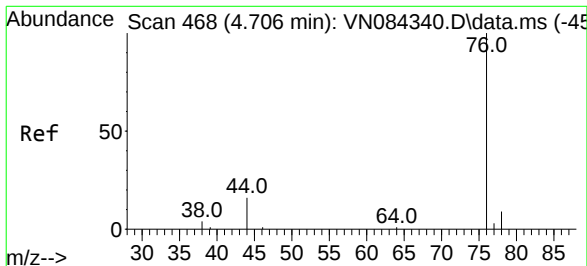
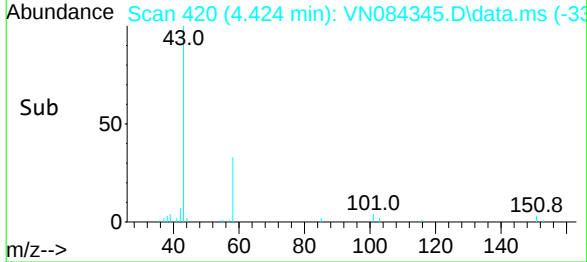
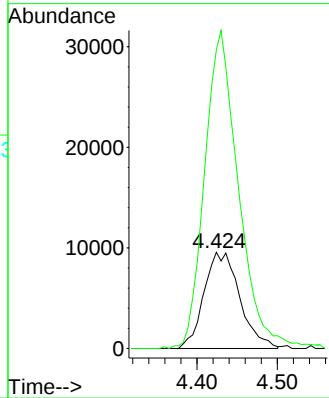
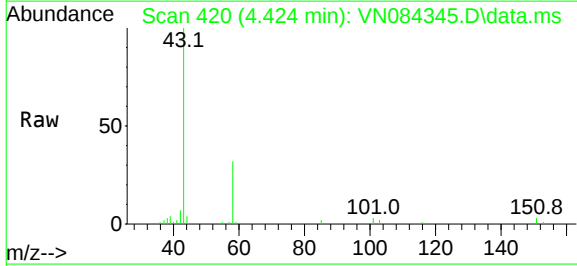
#15
Acetone
Concen: 98.316 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tgt Ion: 58 Resp: 29599
Ion Ratio Lower Upper
58 100
43 307.5 237.5 356.3

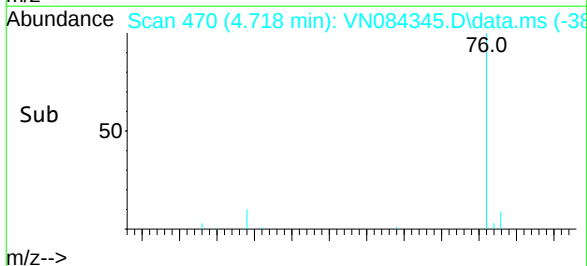
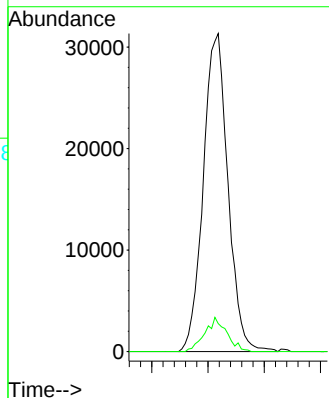
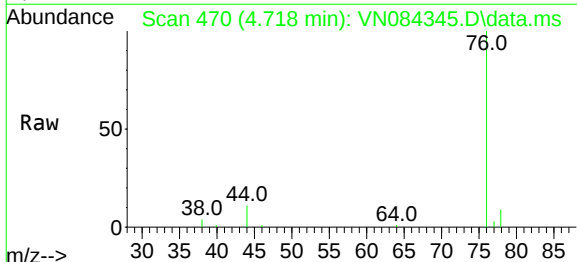
Manual Integrations
APPROVED

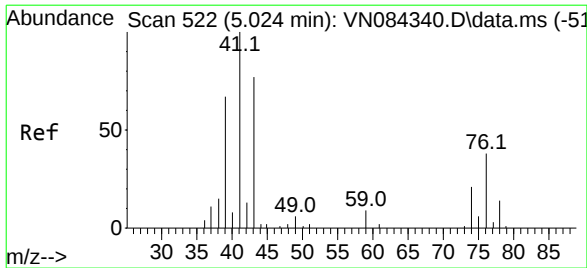
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#16
Carbon Disulfide
Concen: 17.116 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.012 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

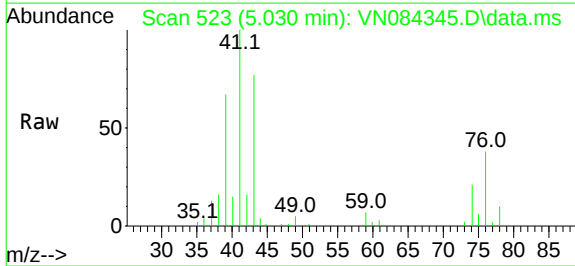
Tgt Ion: 76 Resp: 95505
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7





#17
 Allyl chloride
 Concen: 17.157 ug/l
 RT: 5.030 min Scan# 521
 Delta R.T. 0.006 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21

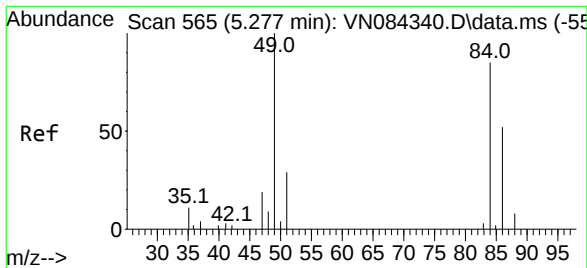
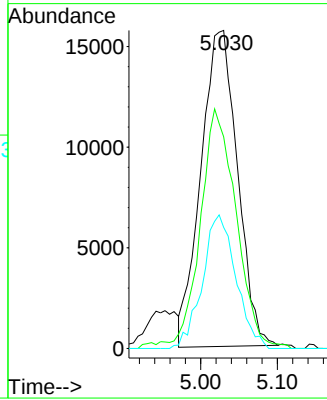
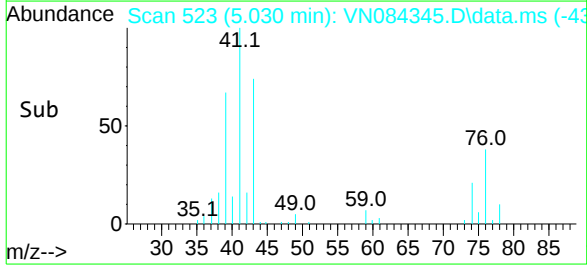
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01



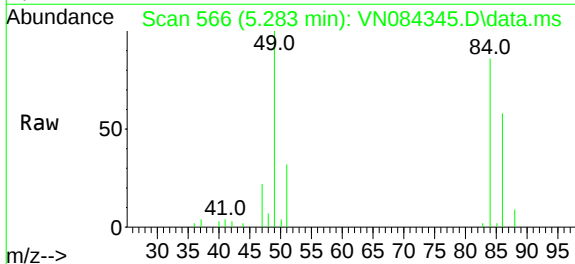
Tgt Ion: 41 Resp: 52116
 Ion Ratio Lower Upper
 41 100
 39 65.8 31.4 94.3
 76 38.5 17.8 53.5

Manual Integrations
 APPROVED

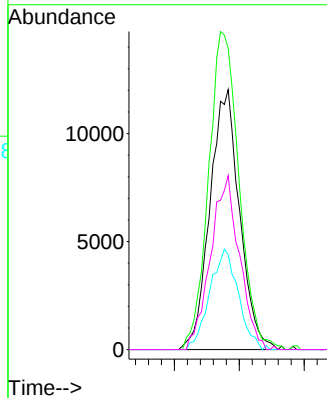
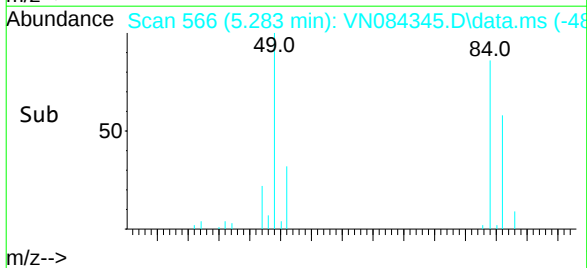
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024

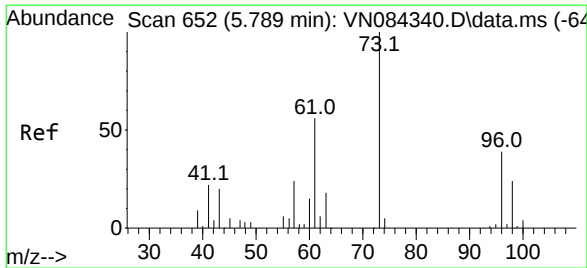


#18
 Methylene Chloride
 Concen: 18.123 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21



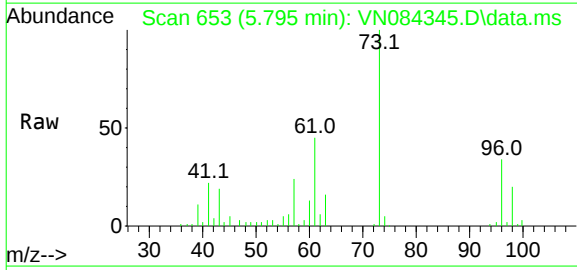
Tgt Ion: 84 Resp: 38256
 Ion Ratio Lower Upper
 84 100
 49 115.9 94.6 142.0
 51 36.6 27.3 40.9
 86 66.9 49.4 74.0





#19
trans-1,2-Dichloroethene
Concen: 17.651 ug/l
RT: 5.795 min Scan# 652
Delta R.T. 0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

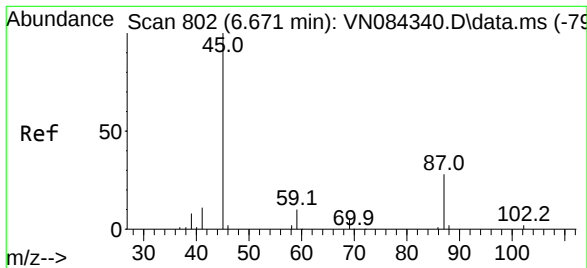
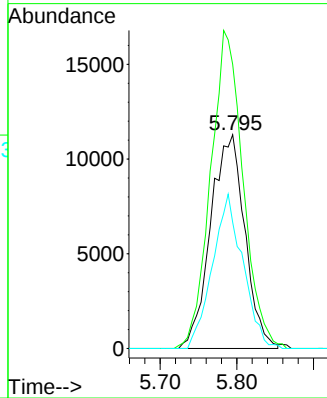
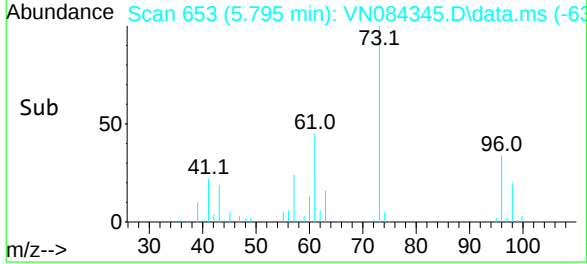
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01



Tgt Ion: 96 Resp: 35005
Ion Ratio Lower Upper
96 100
61 131.5 115.8 173.6
98 59.0 49.4 74.0

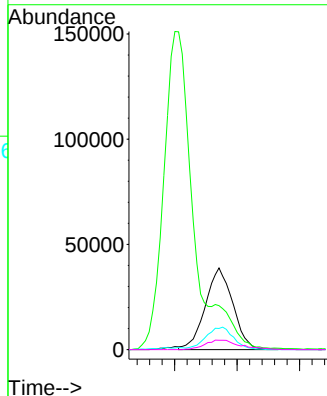
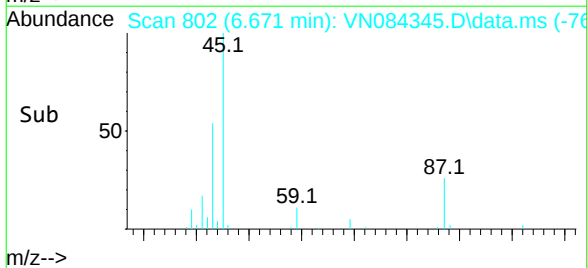
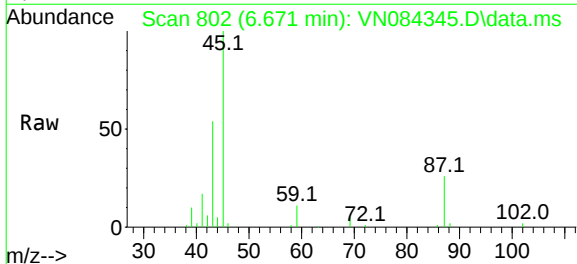
Manual Integrations
APPROVED

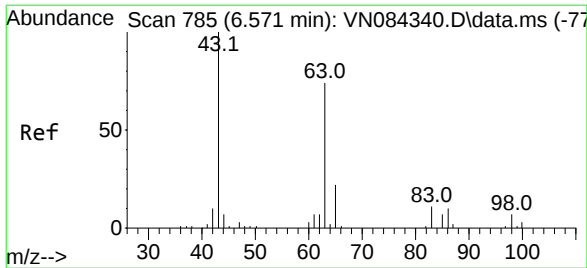
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#20
Diisopropyl ether
Concen: 18.177 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

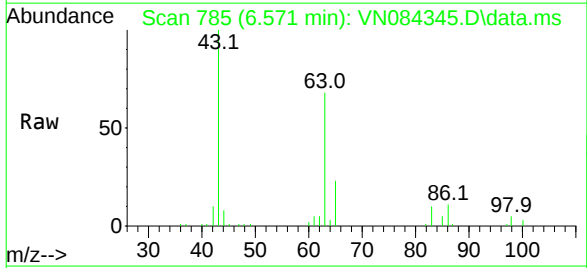
Tgt Ion: 45 Resp: 118713
Ion Ratio Lower Upper
45 100
43 52.3 43.7 65.5
87 26.0 23.1 34.7
59 11.5 8.2 12.4





#21
1,1-Dichloroethane
Concen: 17.763 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

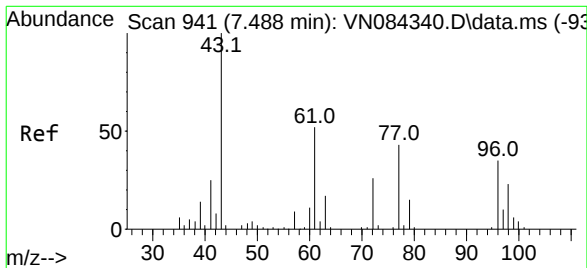
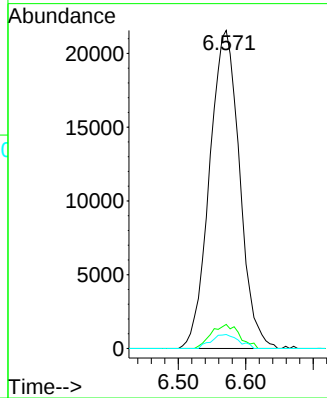
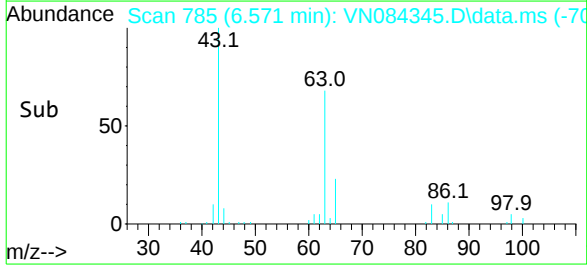
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01



Tgt Ion: 63 Resp: 66566
Ion Ratio Lower Upper
63 100
98 7.6 4.5 13.4
100 4.4 2.1 6.3

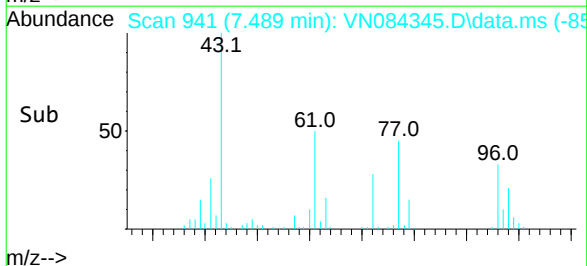
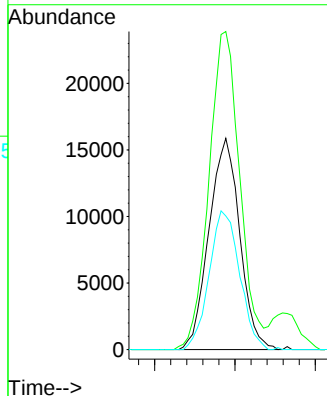
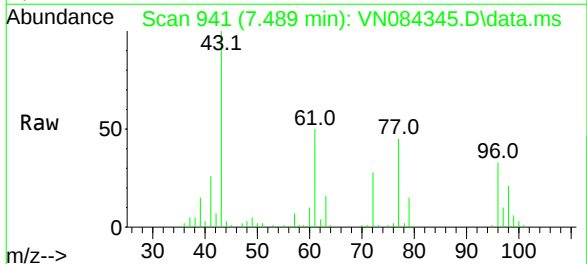
Manual Integrations
APPROVED

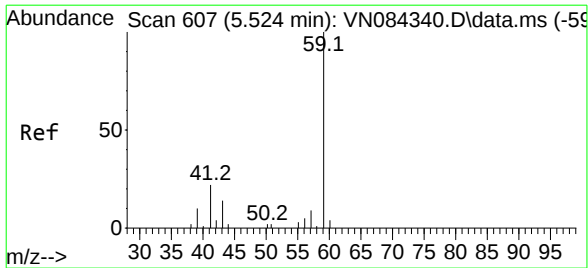
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#22
cis-1,2-Dichloroethene
Concen: 18.300 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 96 Resp: 42231
Ion Ratio Lower Upper
96 100
61 150.7 118.0 177.0
98 65.0 51.8 77.8





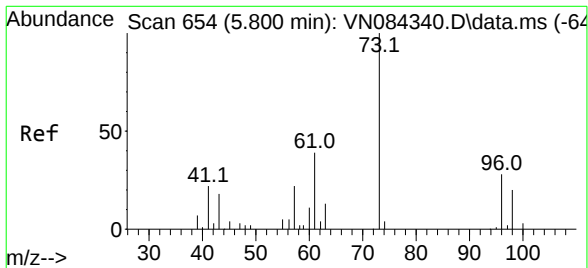
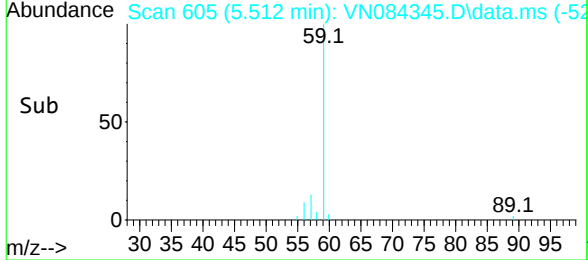
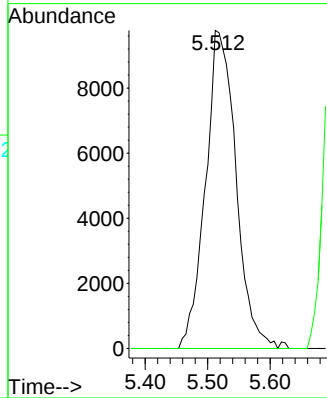
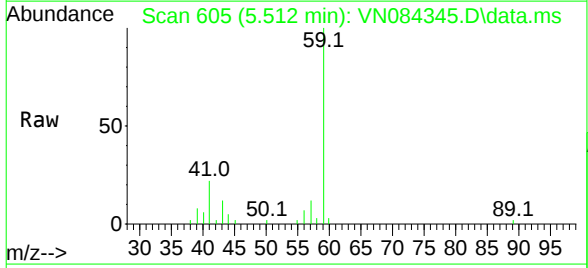
#23
tert-Butyl Alcohol
Concen: 81.847 ug/l
RT: 5.512 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tgt Ion: 59 Resp: 33087
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

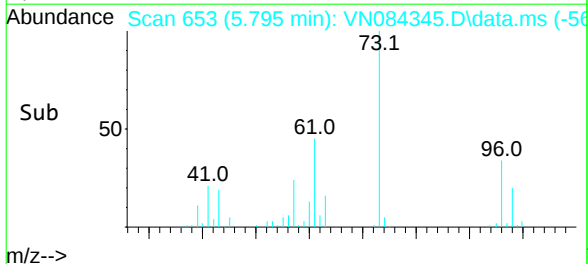
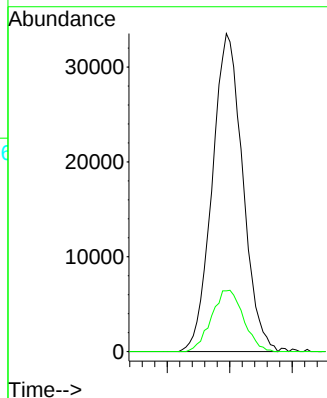
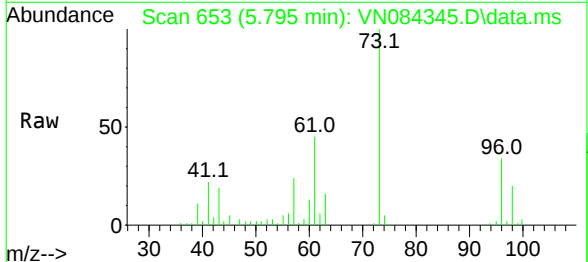
Manual Integrations
APPROVED

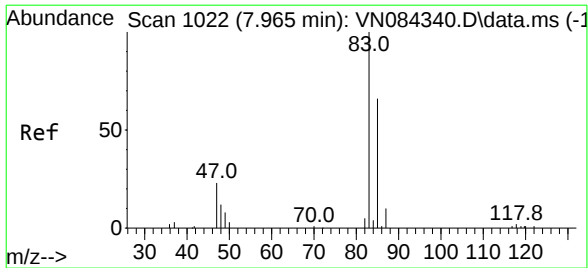
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#24
Methyl tert-Butyl Ether
Concen: 18.149 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

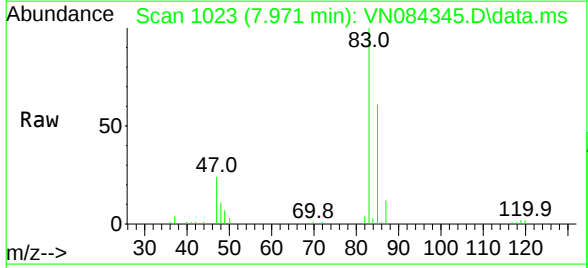
Tgt Ion: 73 Resp: 113649
Ion Ratio Lower Upper
73 100
43 20.2 10.9 16.3#





#25
Chloroform
Concen: 18.885 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

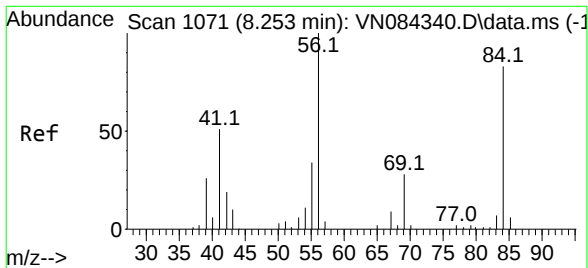
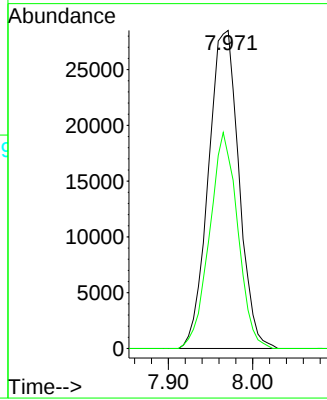
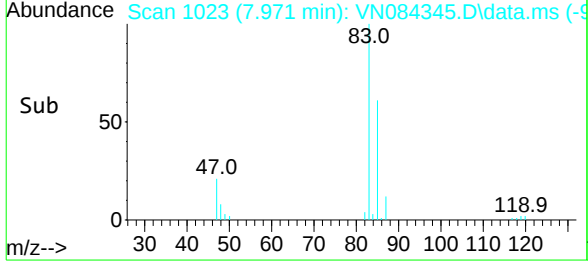
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01



Tgt Ion: 83 Resp: 71675
Ion Ratio Lower Upper
83 100
85 60.5 52.4 78.6

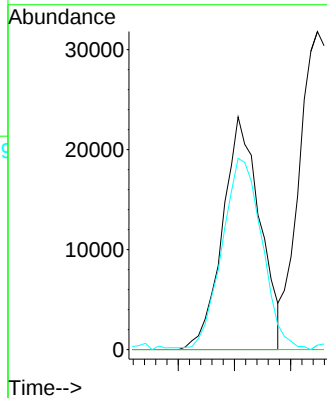
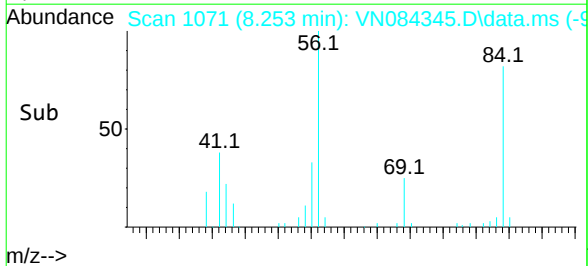
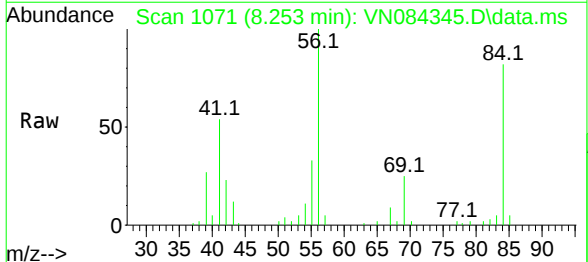
Manual Integrations
APPROVED

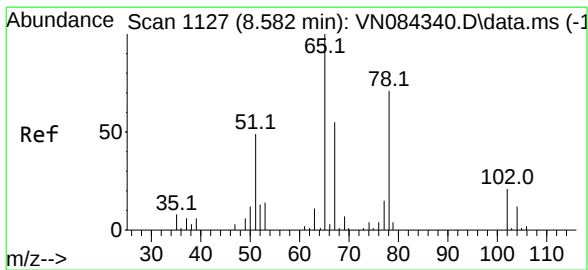
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#26
Cyclohexane
Concen: 17.127 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 56 Resp: 53679
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.7 67.0 100.6





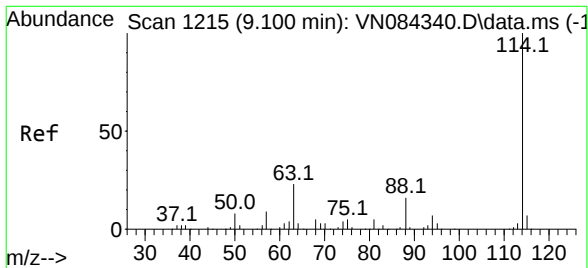
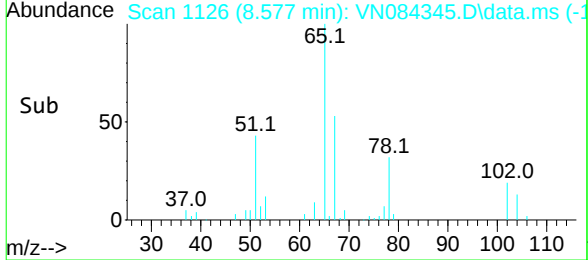
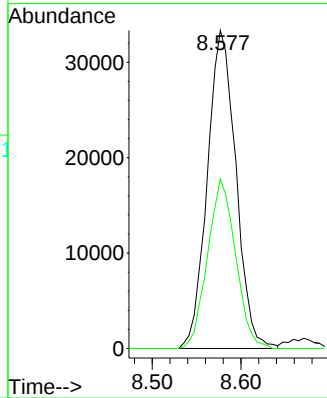
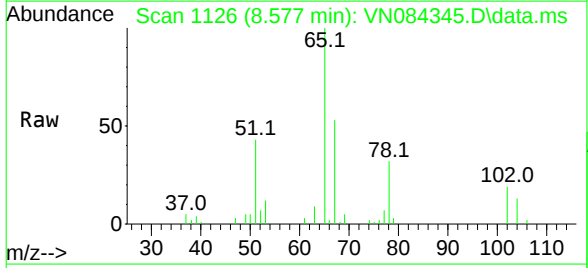
#27
1,2-Dichloroethane-d4
Concen: 30.794 ug/l
RT: 8.577 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tgt Ion: 65 Resp: 74609
Ion Ratio Lower Upper
65 100
67 52.3 41.5 62.3

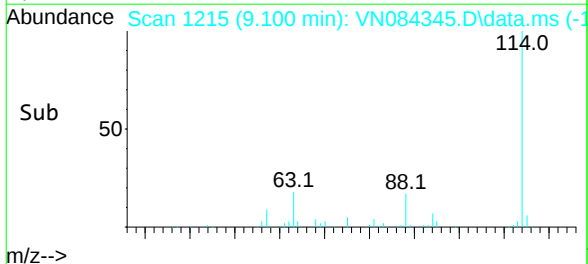
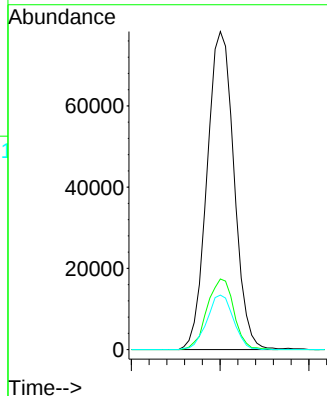
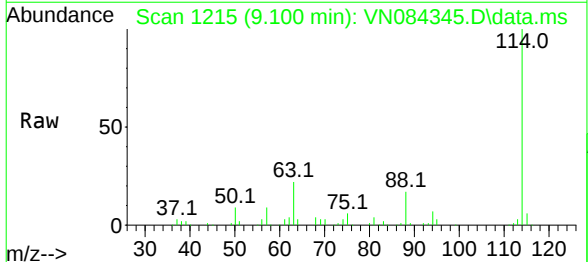
Manual Integrations
APPROVED

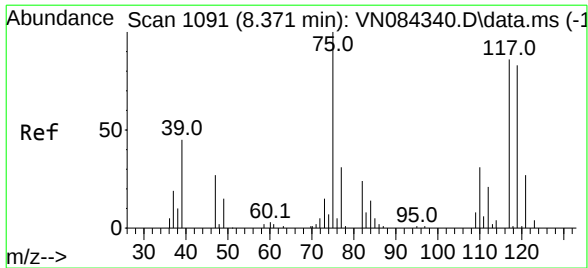
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion:114 Resp: 165231
Ion Ratio Lower Upper
114 100
63 22.0 17.4 26.0
88 16.8 13.2 19.8





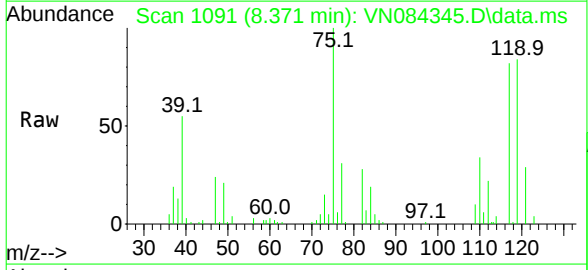
#29
 1,1-Dichloropropene
 Concen: 17.788 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01



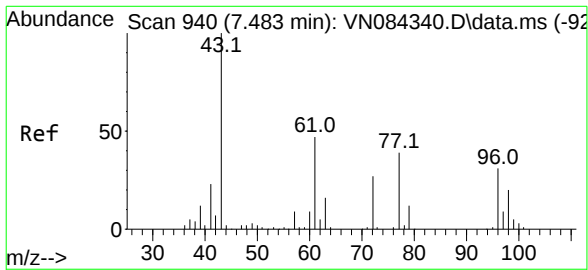
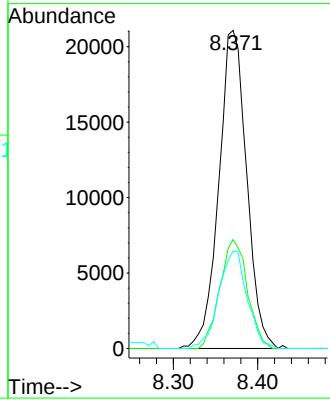
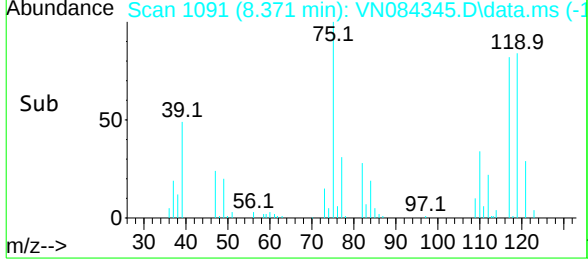
Tgt Ion:	75	Resp:	48248
Ion	Ratio	Lower	Upper
75	100		
110	34.0	0.0	67.6
77	31.4	0.0	61.4

Manual Integrations

APPROVED

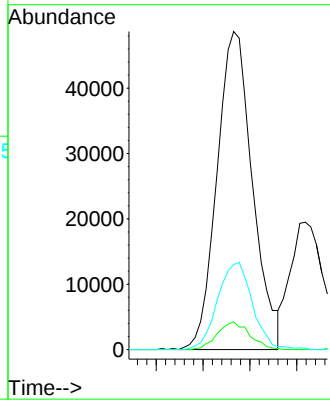
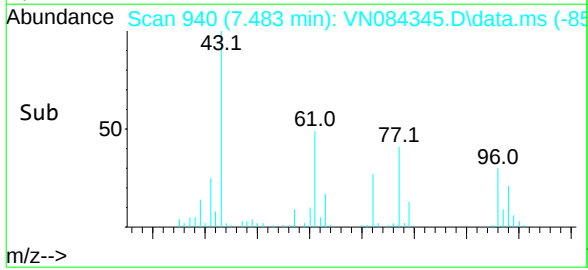
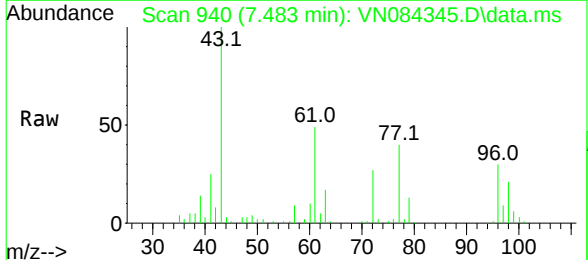
Reviewed By :John Carlone 10/09/2024

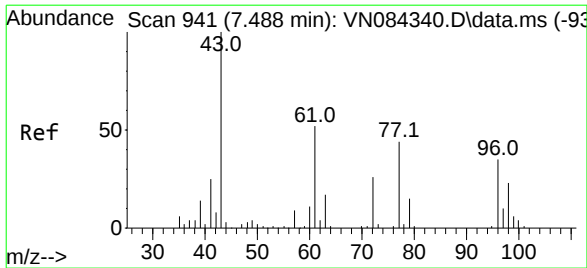
Supervised By :Mahesh Dadoda 10/09/2024



#30
 2-Butanone
 Concen: 88.993 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21

Tgt Ion:	43	Resp:	128518
Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.6	9.8
72	26.4	21.3	31.9





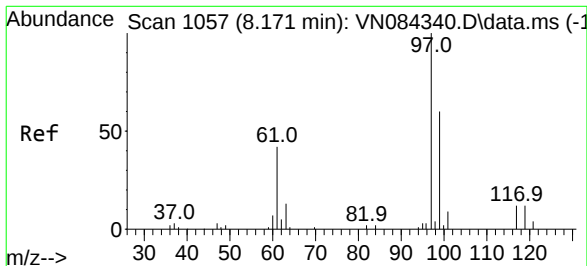
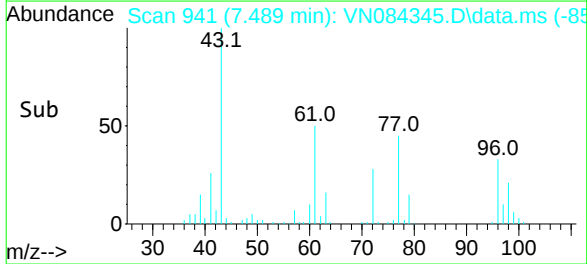
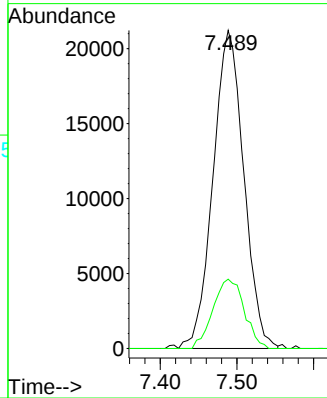
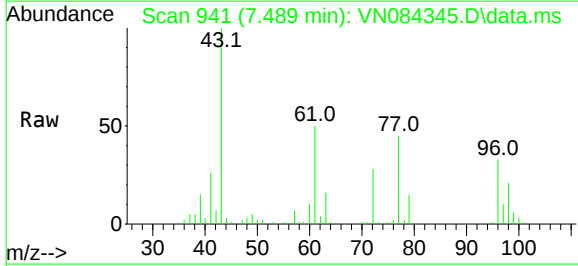
#31
2,2-Dichloropropane
Concen: 18.518 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tgt Ion: 77 Resp: 59025
Ion Ratio Lower Upper
77 100
97 22.2 11.5 17.3#

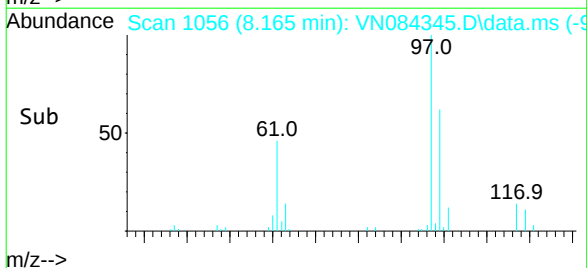
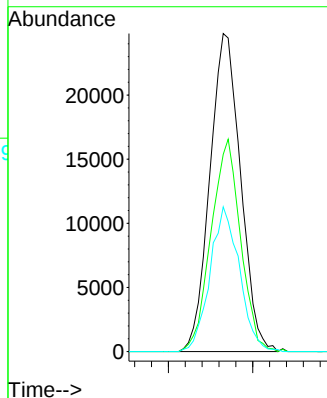
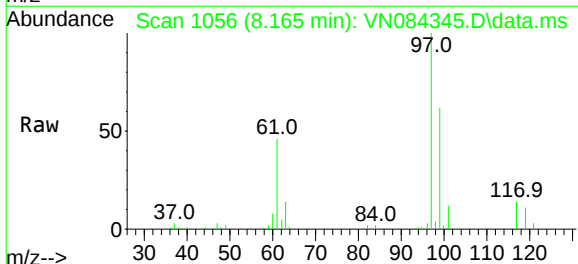
Manual Integrations
APPROVED

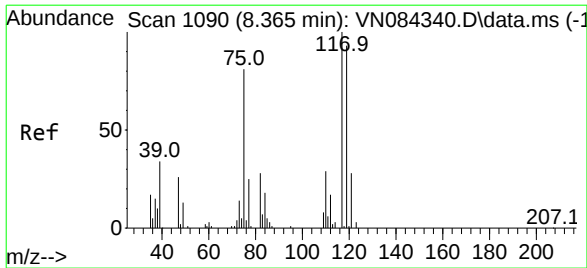
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#32
1,1,1-Trichloroethane
Concen: 18.092 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 97 Resp: 62724
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 43.6 34.1 51.1





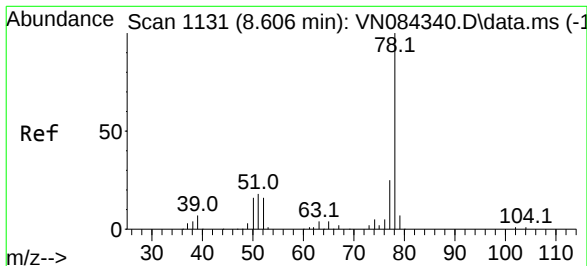
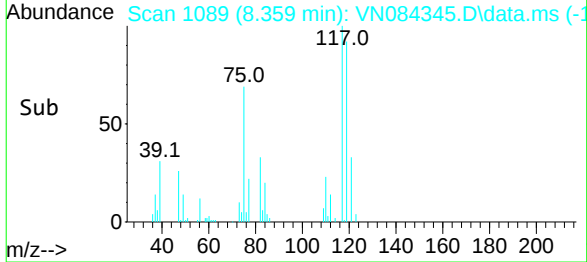
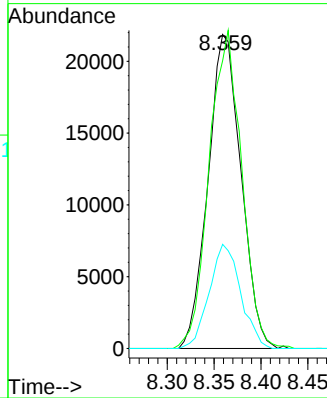
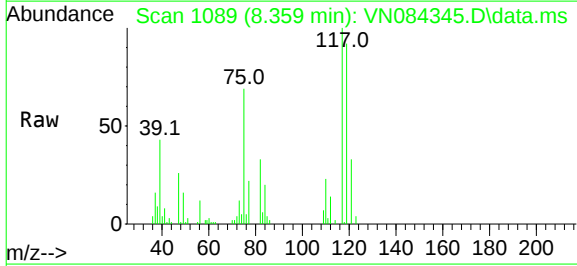
#33
Carbon Tetrachloride
Concen: 17.803 ug/l
RT: 8.359 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tgt Ion: 117 Resp: 53473
Ion Ratio Lower Upper
117 100
119 90.8 74.3 111.5
121 33.2 22.4 33.6

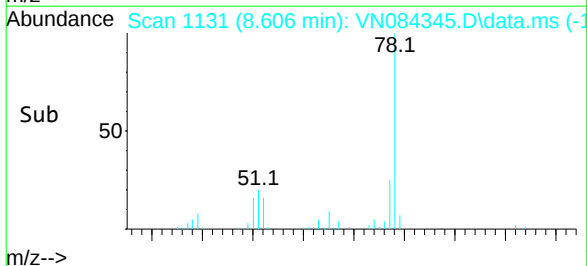
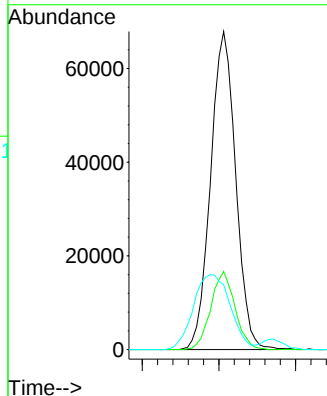
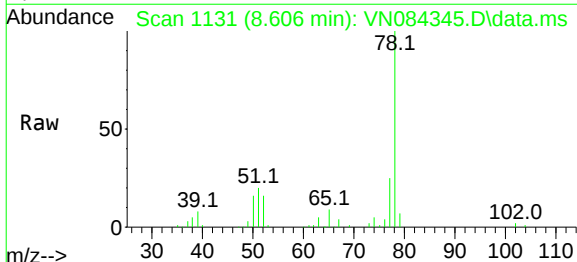
Manual Integrations
APPROVED

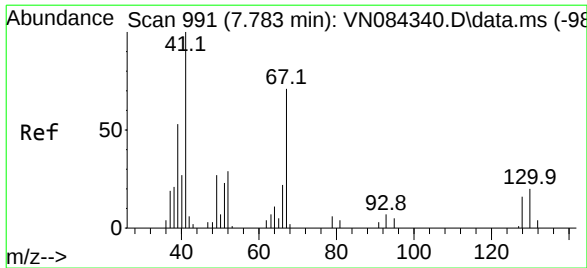
Reviewed By : John Carlone 10/09/2024
Supervised By : Mahesh Dadoda 10/09/2024



#34
Benzene
Concen: 18.187 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 78 Resp: 154422
Ion Ratio Lower Upper
78 100
77 24.6 19.6 29.4
51 17.8 15.8 23.6





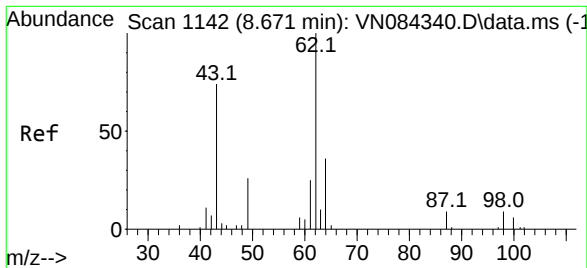
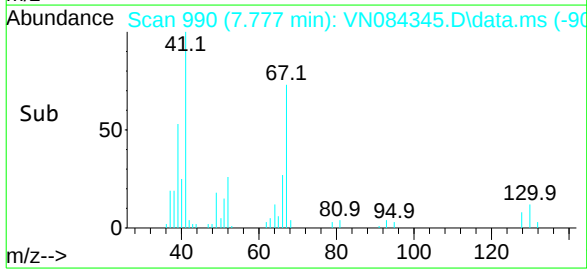
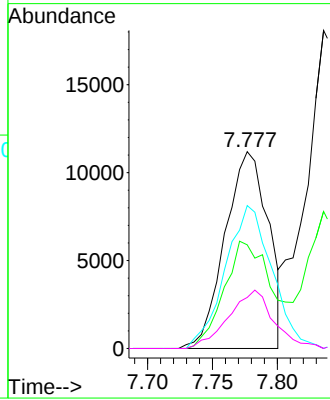
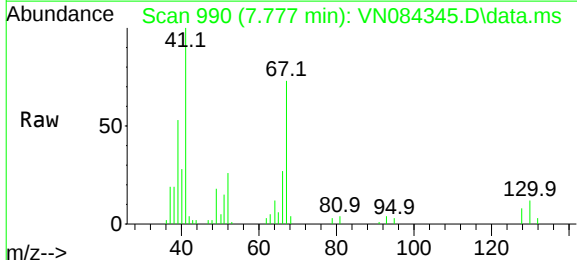
#35
Methacrylonitrile
Concen: 16.847 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tgt Ion: 41	Resp: 25955
Ion Ratio	Lower Upper
41	100
39	52.7 26.4 79.0
67	72.6 35.7 107.1
52	25.9 14.5 43.5

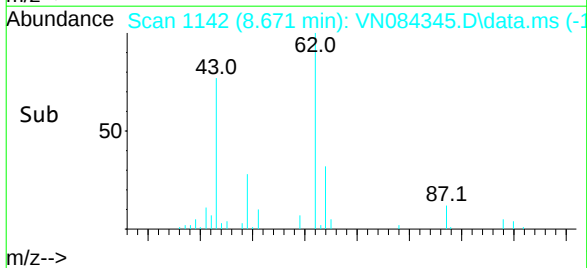
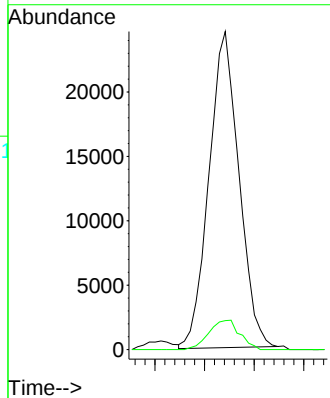
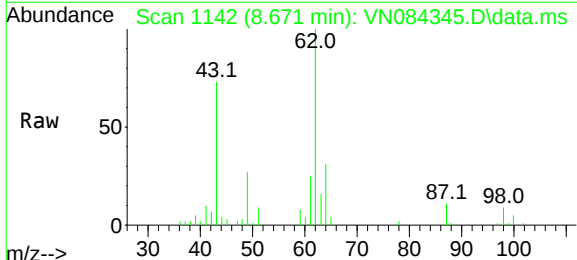
Manual Integrations
APPROVED

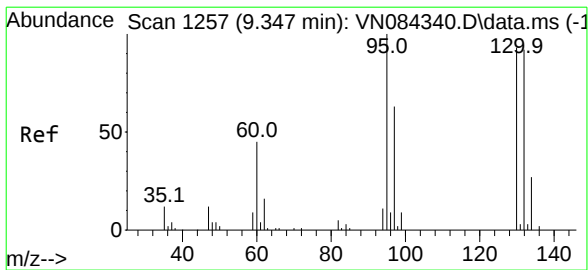
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#36
1,2-Dichloroethane
Concen: 18.207 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

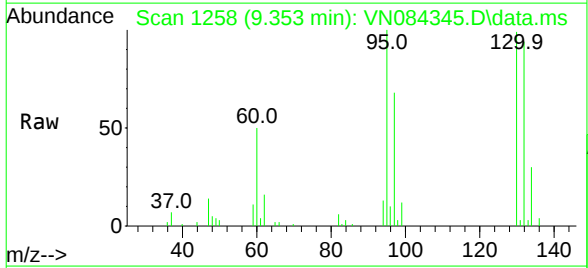
Tgt Ion: 62	Resp: 51528
Ion Ratio	Lower Upper
62	100
98	9.6 7.3 10.9





#37
Trichloroethene
Concen: 18.118 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

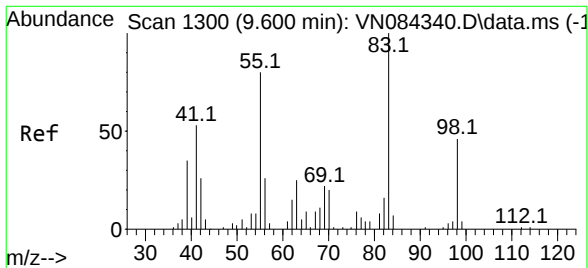
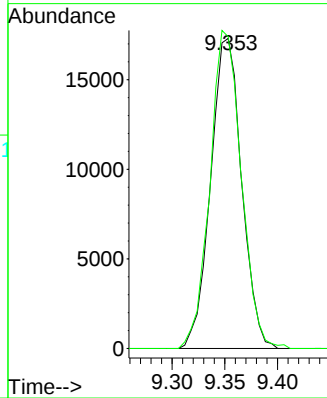
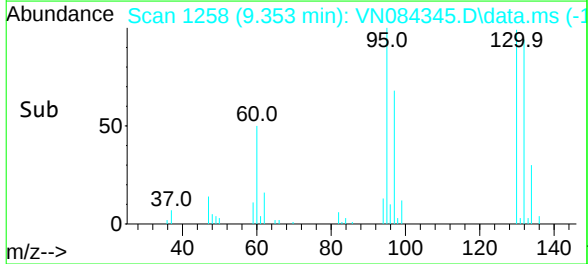
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01



Tgt Ion:130 Resp: 35424
Ion Ratio Lower Upper
130 100
95 100.6 85.8 128.6

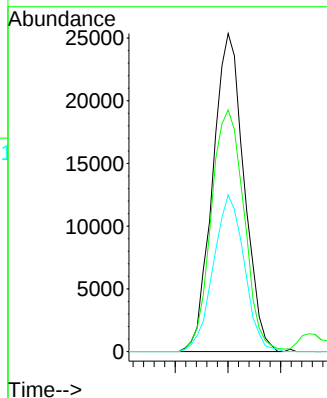
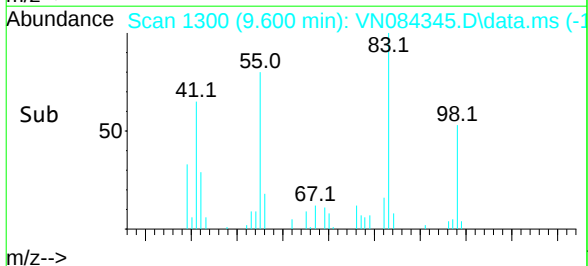
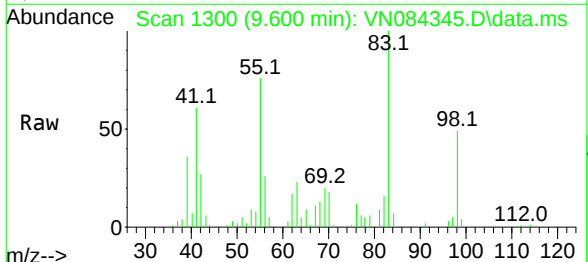
Manual Integrations
APPROVED

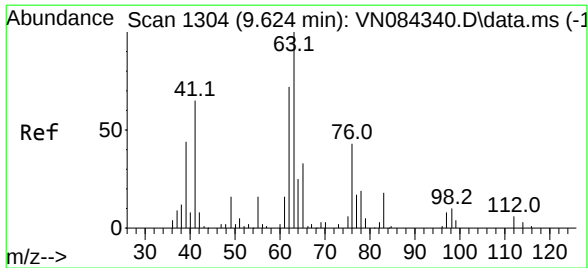
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#38
Methylcyclohexane
Concen: 17.568 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

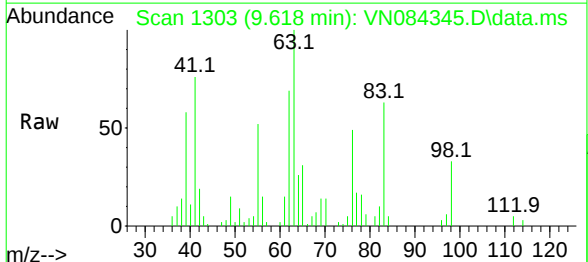
Tgt Ion: 83 Resp: 52342
Ion Ratio Lower Upper
83 100
55 79.7 39.3 117.8
98 48.7 24.0 72.0





#39
1,2-Dichloropropane
Concen: 17.864 ug/l
RT: 9.618 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

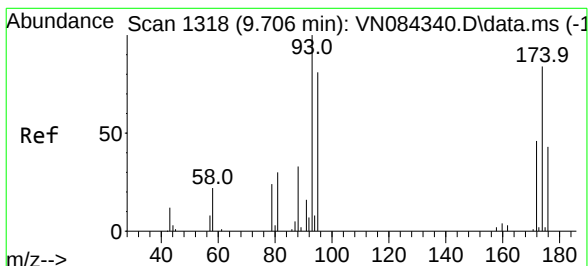
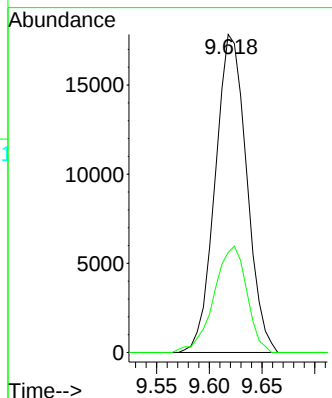
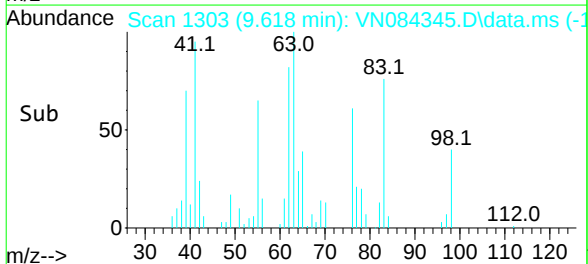
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01



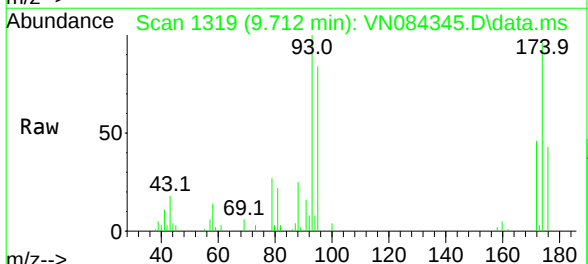
Tgt Ion: 63 Resp: 36987
Ion Ratio Lower Upper
63 100
65 31.5 26.3 39.5

Manual Integrations
APPROVED

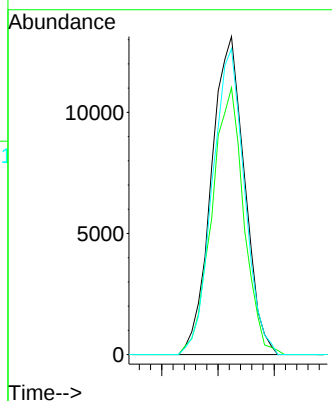
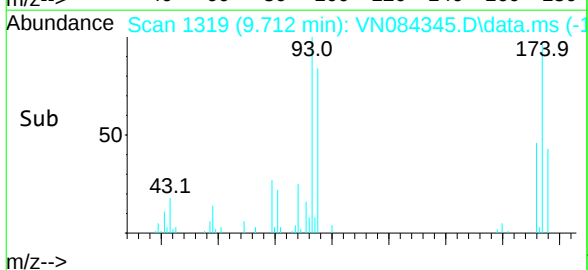
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

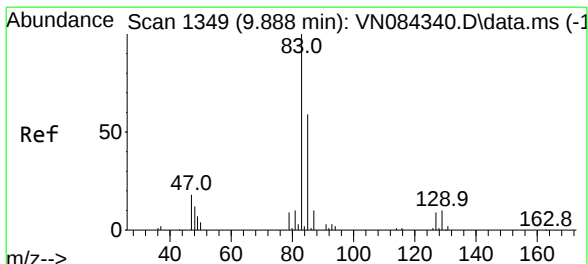


#40
Dibromomethane
Concen: 18.591 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21



Tgt Ion: 93 Resp: 26903
Ion Ratio Lower Upper
93 100
95 80.7 0.0 171.4
174 93.0 0.0 183.0



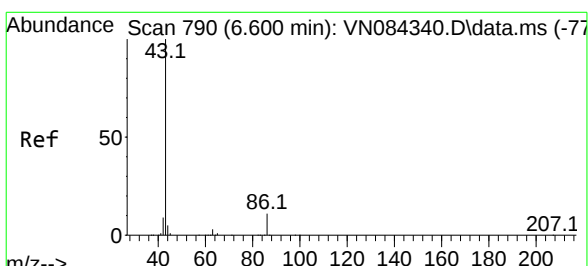
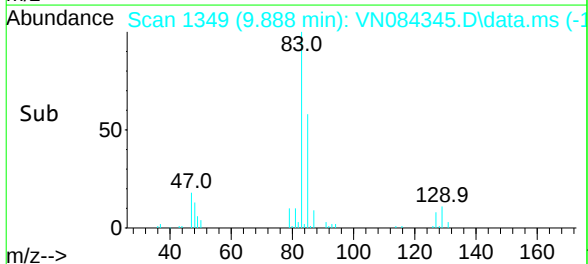
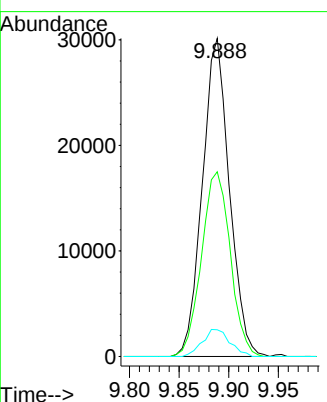
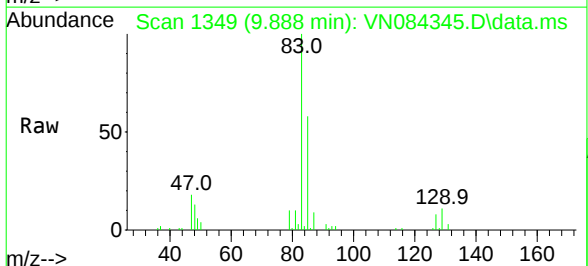


#41
 Bromodichloromethane
 Concen: 18.565 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. 0.000 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21

Instrument : MSVOA_N
 ClientSampleId : VN1008WBSD01

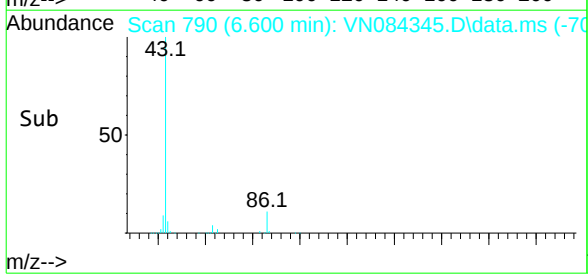
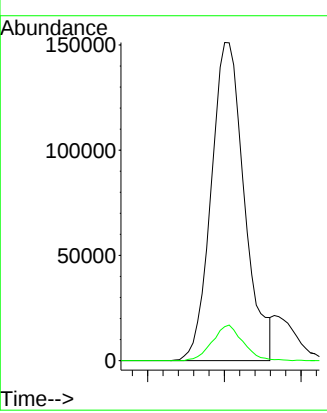
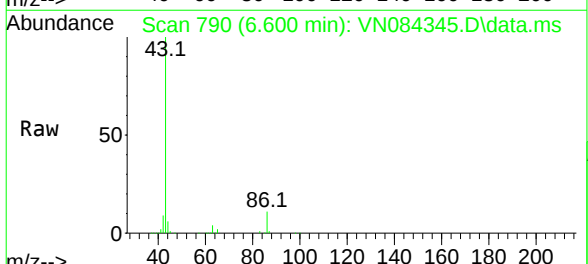
Tgt Ion:	83	Resp:	57031
Ion	Ratio	Lower	Upper
83	100		
85	58.1	47.1	70.7
127	8.4	7.1	10.7

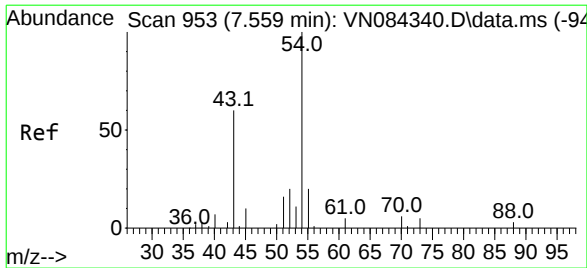
Manual Integrations
APPROVED
 Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024



#42
 Vinyl Acetate
 Concen: 90.440 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21

Tgt Ion:	43	Resp:	454243
Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.5	12.7





#43

Ethyl Acetate

Concen: 17.445 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

Tgt Ion: 43 Resp: 49685

Ion Ratio Lower Upper

43 100

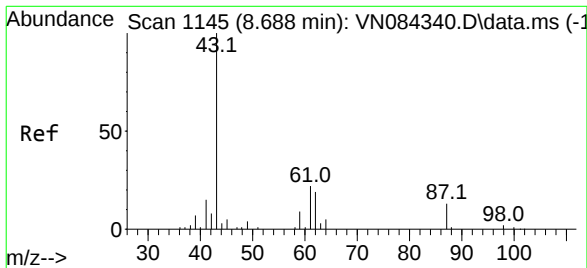
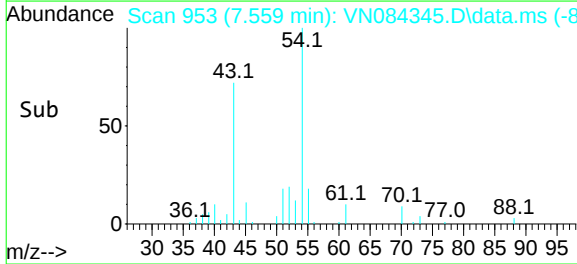
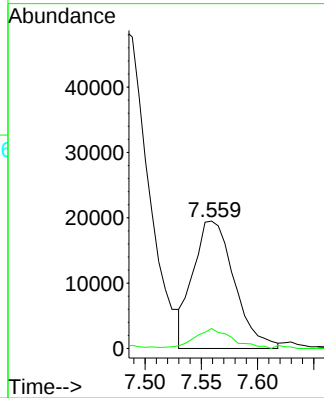
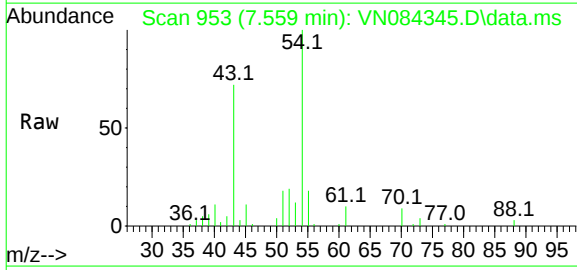
45 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#44

Isopropyl Acetate

Concen: 17.900 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084345.D

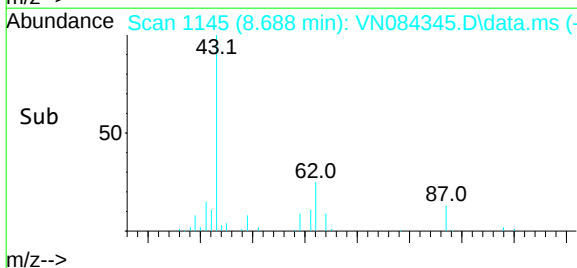
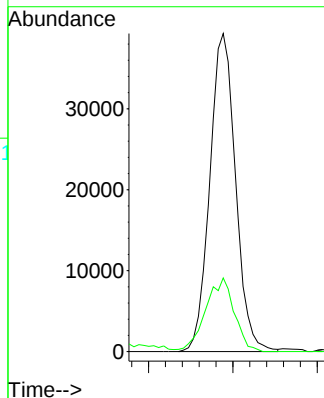
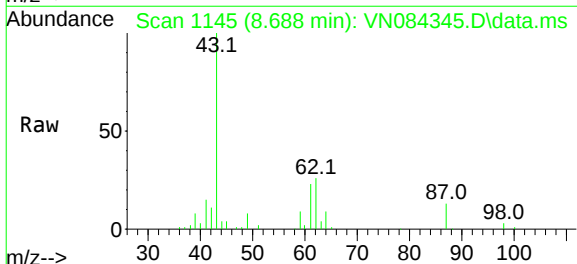
Acq: 08 Oct 2024 13:21

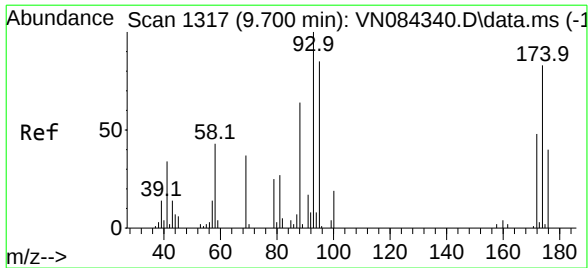
Tgt Ion: 43 Resp: 83446

Ion Ratio Lower Upper

43 100

61 25.8 21.4 32.2





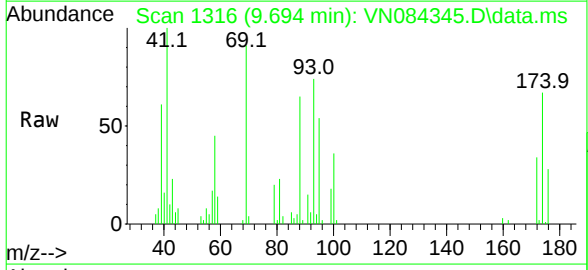
#45
 1,4-Dioxane
 Concen: 333.912 ug/l
 RT: 9.694 min Scan# 1316
 Delta R.T. -0.006 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

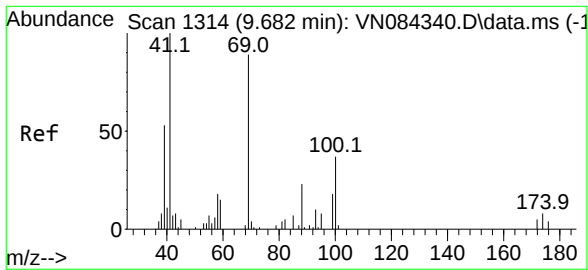
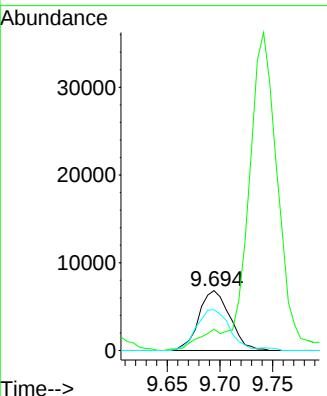
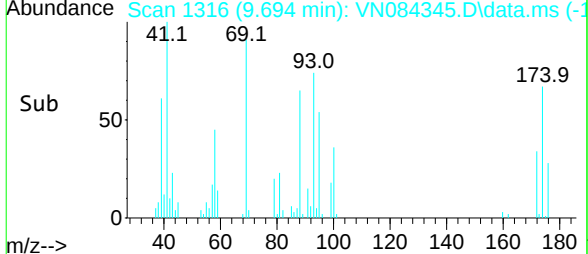
VN1008WBSD01



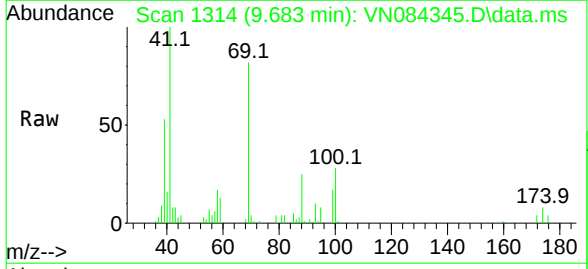
Tgt Ion:	88	Resp:	14032
Ion	Ratio	Lower	Upper
88	100		
43	26.8	22.4	33.6
58	71.4	59.7	89.5

Manual Integrations
 APPROVED

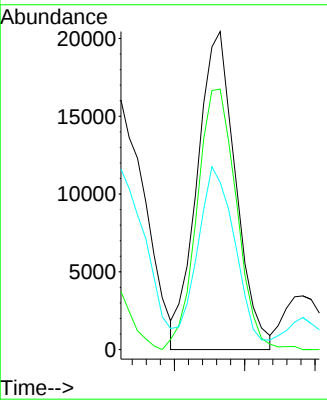
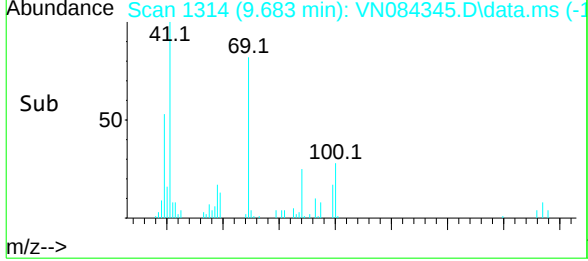
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024

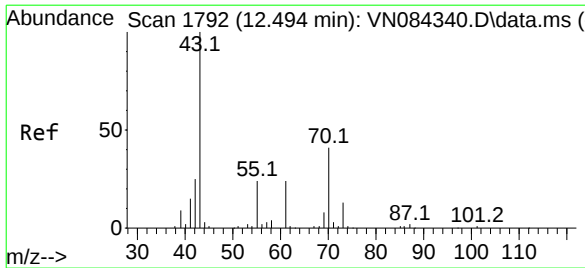


#46
 Methyl methacrylate
 Concen: 17.267 ug/l
 RT: 9.683 min Scan# 1314
 Delta R.T. 0.000 min
 Lab File: VN084345.D
 Acq: 08 Oct 2024 13:21



Tgt Ion:	41	Resp:	38891
Ion	Ratio	Lower	Upper
41	100		
69	83.9	42.6	128.0
39	51.9	27.5	82.4





#47

n-amy1 Acetate

Concen: 17.229 ug/l

RT: 12.494 min Scan# 17

Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

Tgt Ion: 43 Resp: 71441

Ion Ratio Lower Upper

43 100

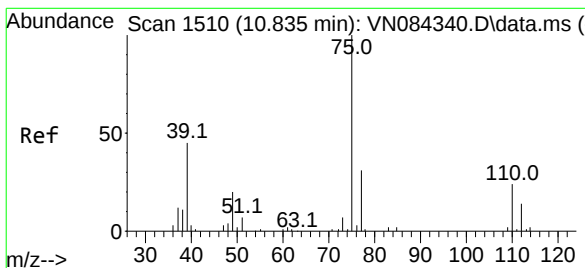
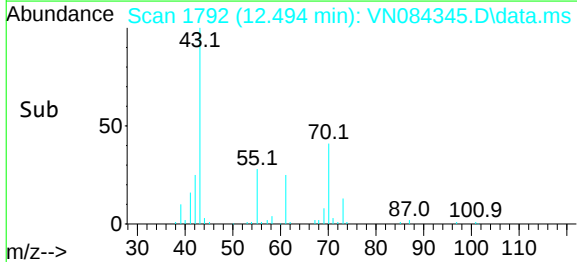
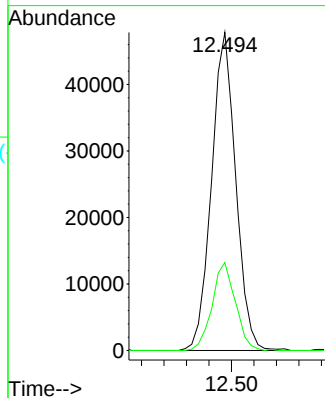
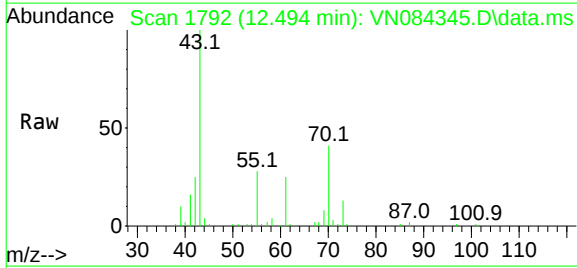
55 26.6 20.6 31.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#48

t-1,3-Dichloropropene

Concen: 17.639 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN084345.D

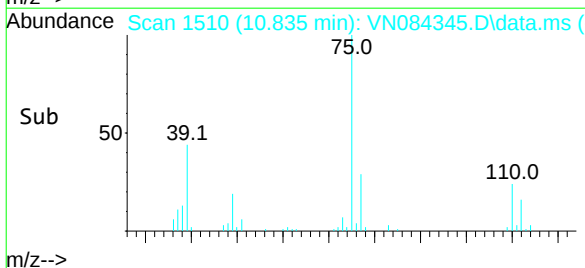
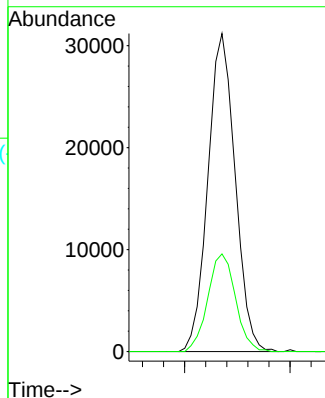
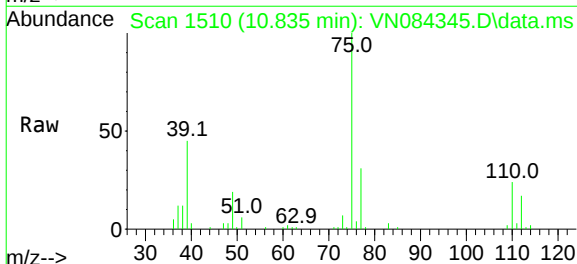
Acq: 08 Oct 2024 13:21

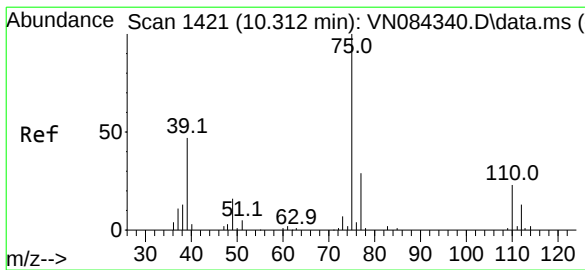
Tgt Ion: 75 Resp: 55994

Ion Ratio Lower Upper

75 100

77 30.7 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 18.306 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

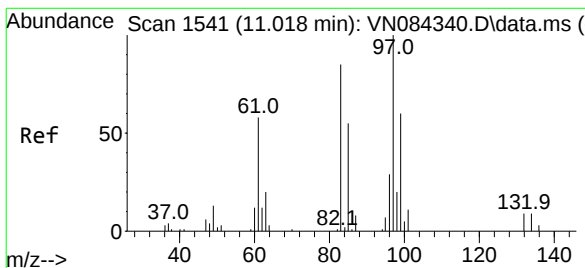
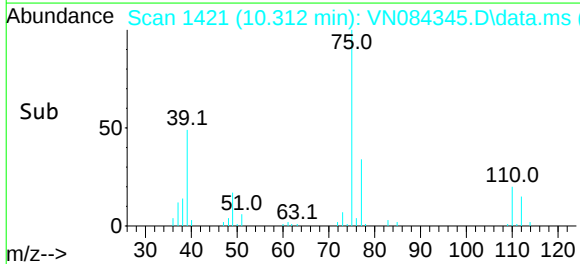
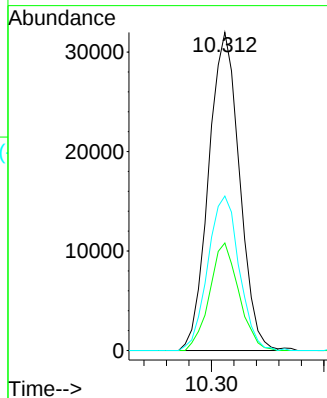
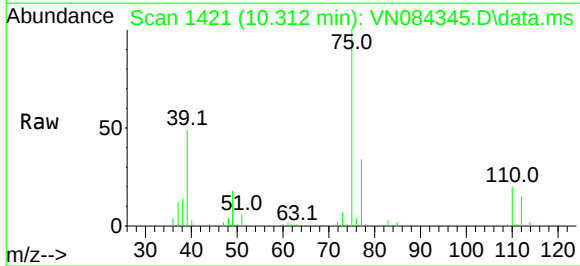
Tgt Ion:	75	Resp:	60903
Ion	Ratio	Lower	Upper
75	100		
77	33.8	22.9	34.3
39	48.5	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#50

1,1,2-Trichloroethane

Concen: 17.994 ug/l

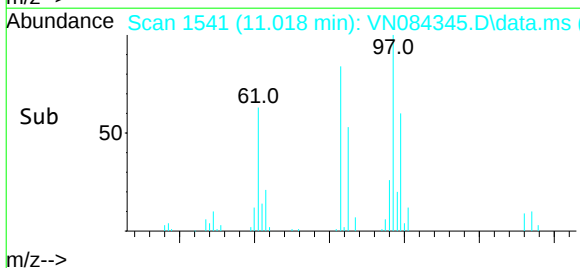
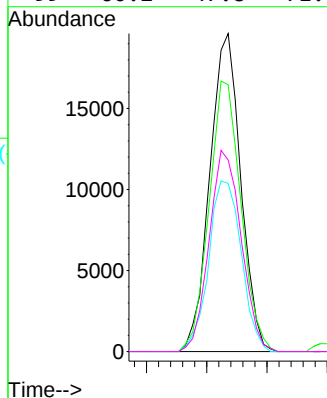
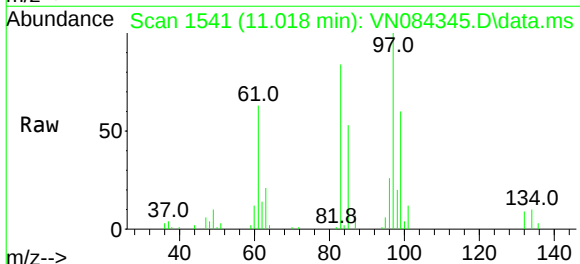
RT: 11.018 min Scan# 1541

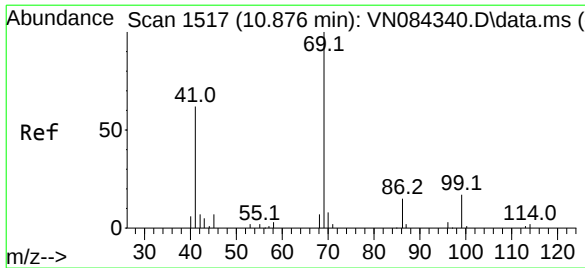
Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

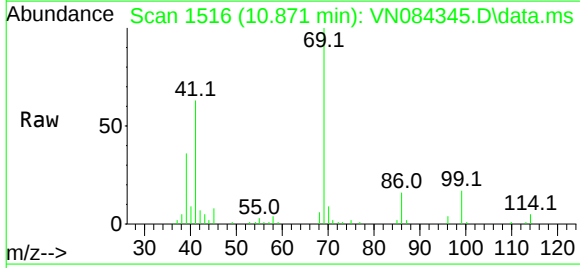
Tgt Ion:	97	Resp:	34999
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.8	101.8
85	52.8	44.2	66.2
99	60.2	47.8	71.8





#51
Ethyl methacrylate
Concen: 17.465 ug/l
RT: 10.871 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

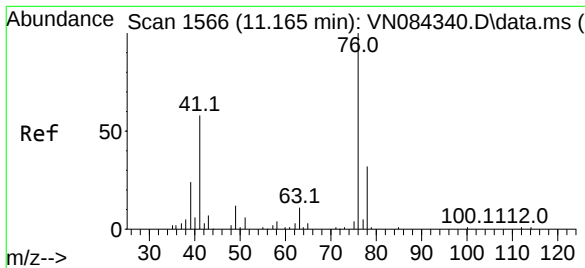
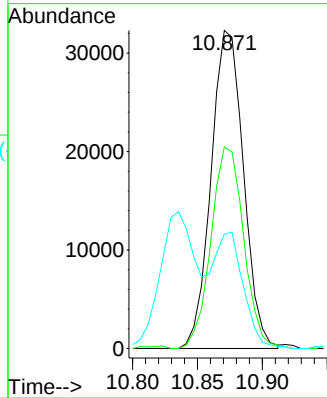
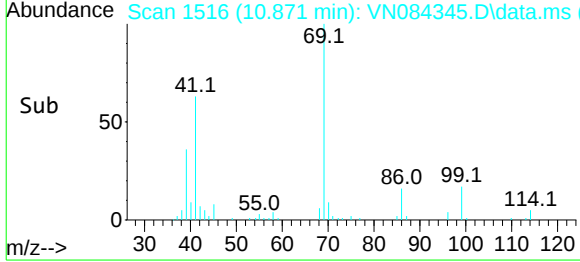
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01



Tgt Ion: 69 Resp: 56110
Ion Ratio Lower Upper
69 100
41 63.3 30.9 92.7
39 35.3 16.6 49.7

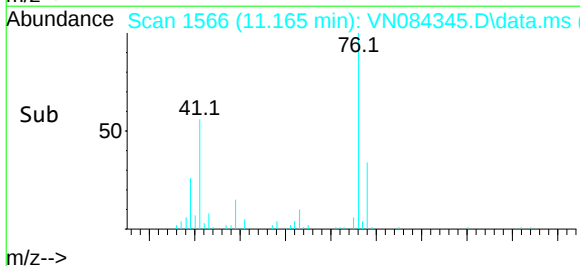
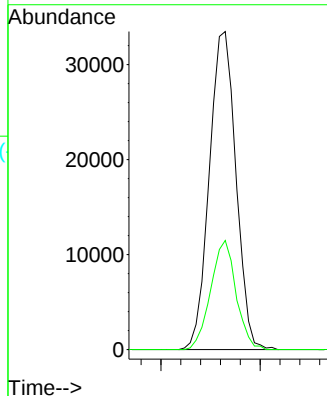
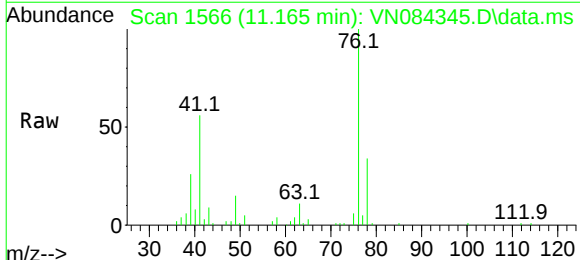
Manual Integrations
APPROVED

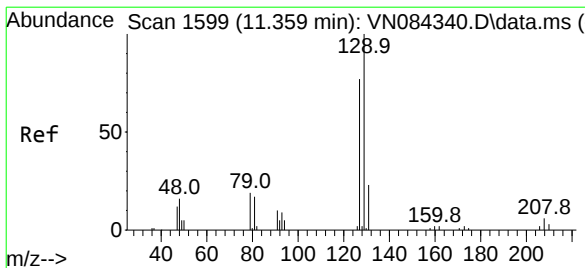
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#52
1,3-Dichloropropane
Concen: 18.358 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 76 Resp: 62433
Ion Ratio Lower Upper
76 100
78 32.7 0.0 64.2





#53

Dibromochloromethane

Concen: 18.063 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

Tgt Ion:129 Resp: 41504

Ion Ratio Lower Upper

129 100

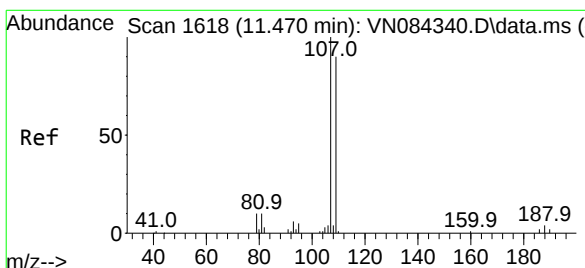
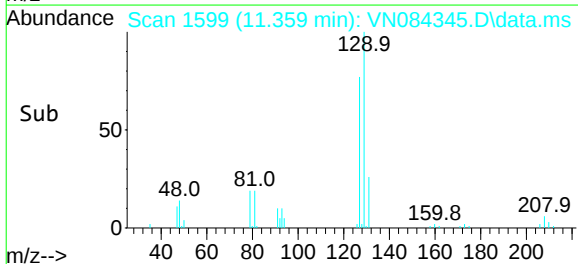
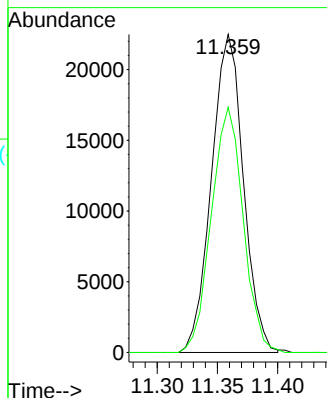
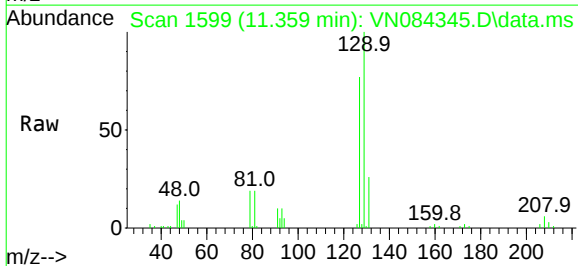
127 76.8 38.5 115.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#54

1,2-Dibromoethane

Concen: 17.940 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VN084345.D

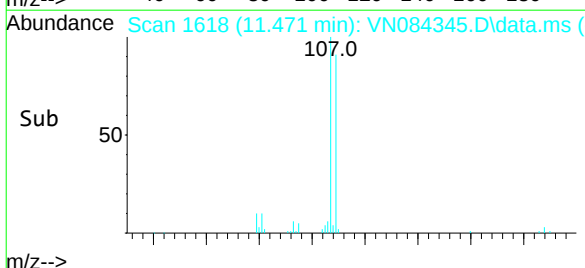
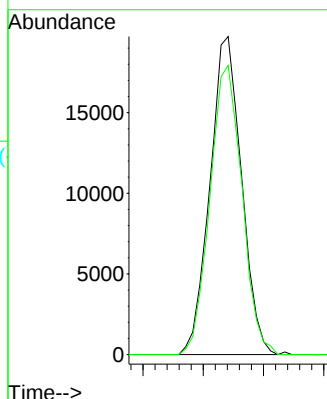
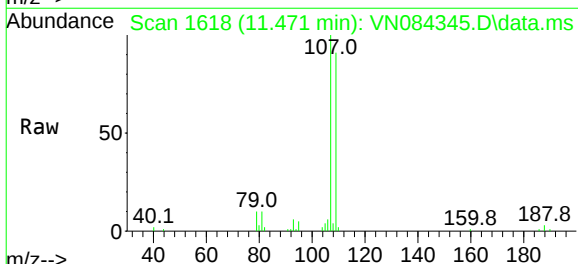
Acq: 08 Oct 2024 13:21

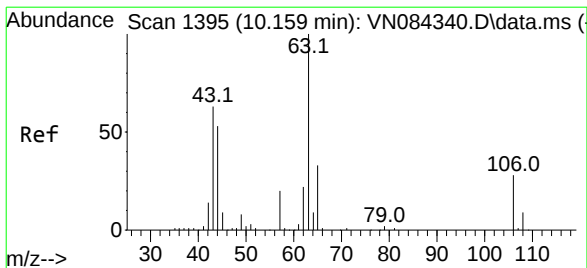
Tgt Ion:107 Resp: 35918

Ion Ratio Lower Upper

107 100

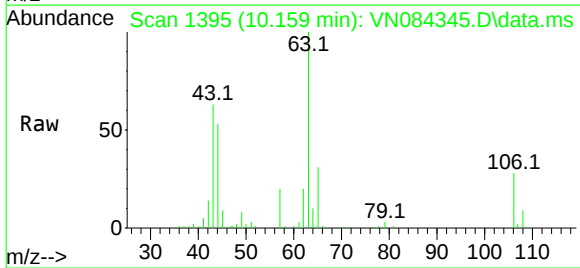
109 92.1 73.8 110.6





#55
2-Chloroethyl vinyl ether
Concen: 94.427 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

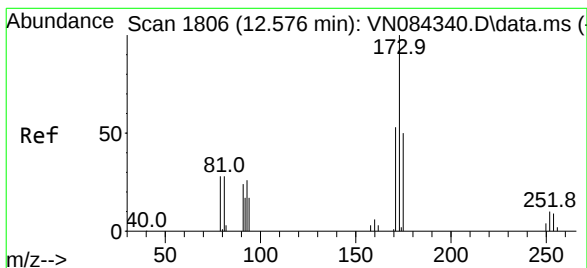
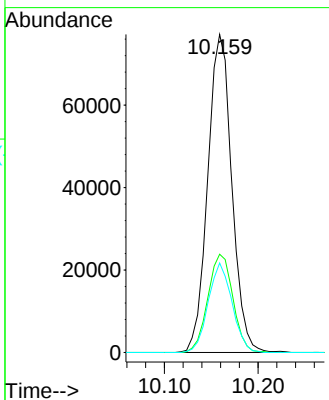
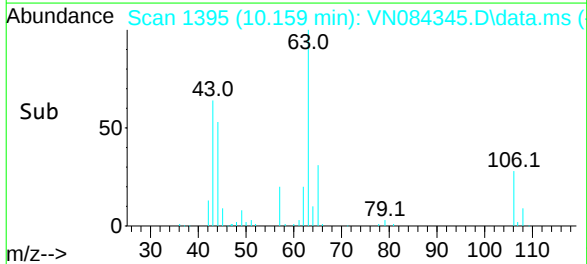
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01



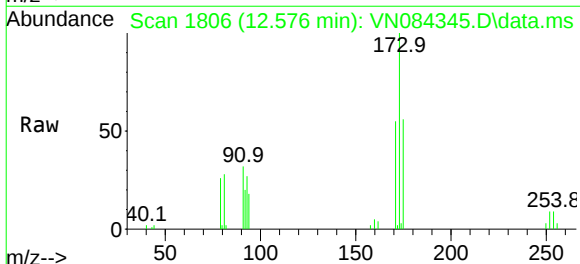
Tgt Ion: 63 Resp: 137593
Ion Ratio Lower Upper
63 100
65 32.1 25.6 38.4
106 27.9 21.6 32.4

Manual Integrations
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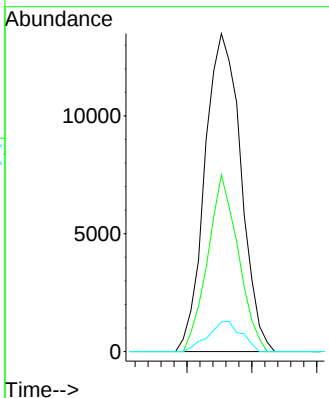
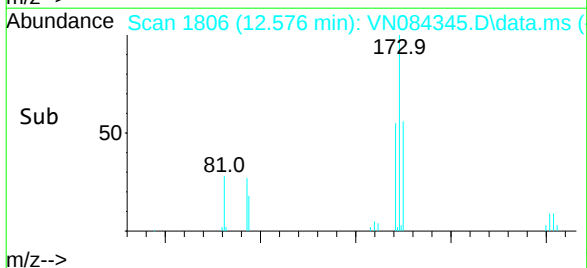
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

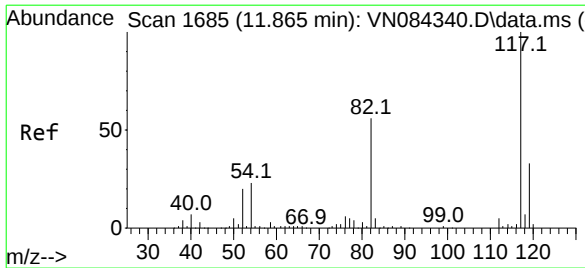


#56
Bromoform
Concen: 17.082 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21



Tgt Ion:173 Resp: 26031
Ion Ratio Lower Upper
173 100
175 47.4 39.4 59.2
254 8.8 6.8 10.2





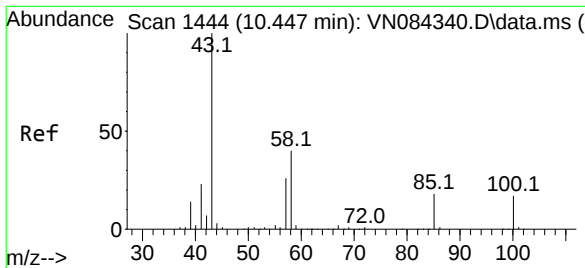
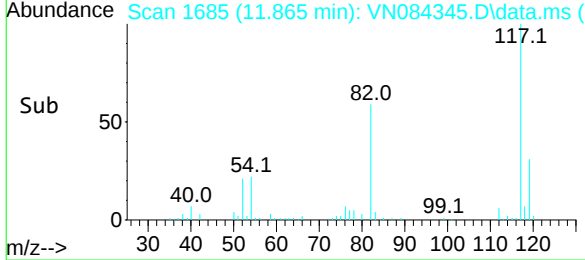
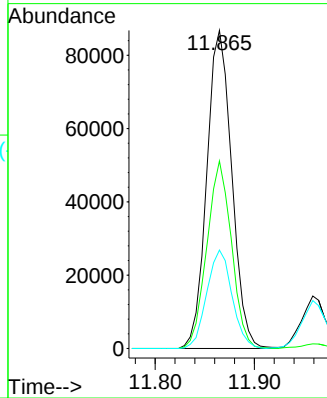
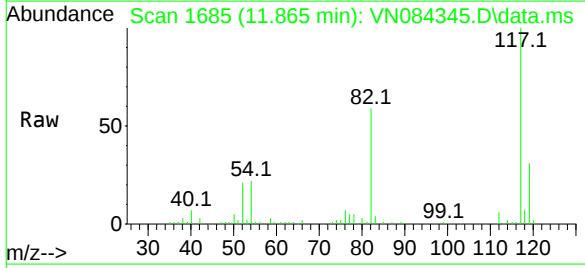
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tgt Ion: 117 Resp: 152182
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 31.2 25.4 38.2

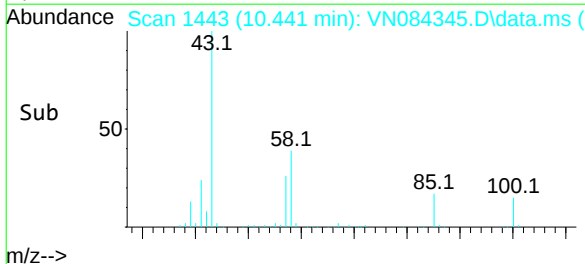
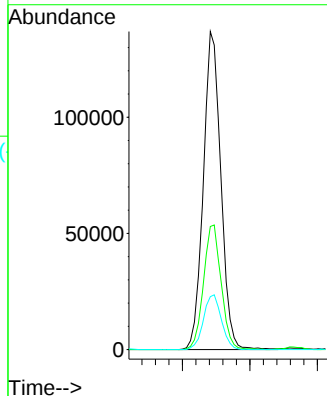
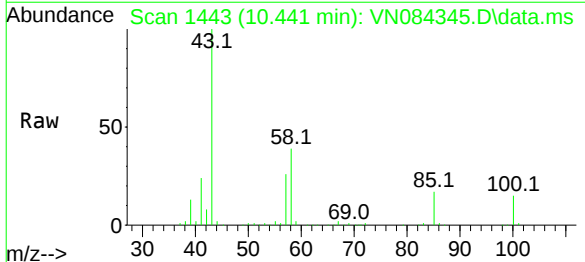
Manual Integrations
APPROVED

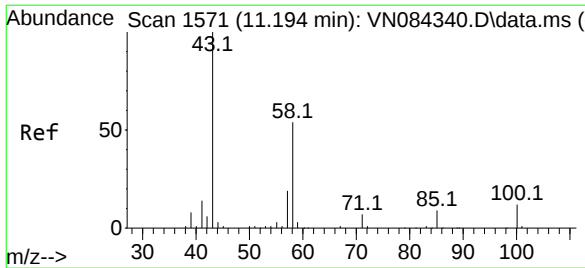
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#58
4-Methyl-2-Pentanone
Concen: 87.207 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 43 Resp: 247223
Ion Ratio Lower Upper
43 100
58 39.3 31.9 47.9
85 17.6 14.6 22.0





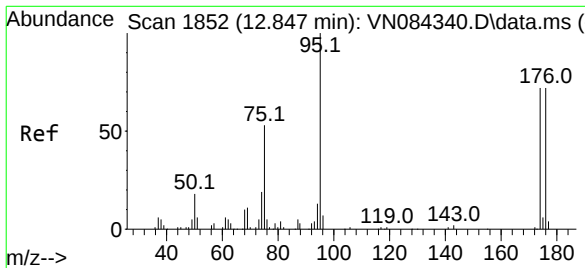
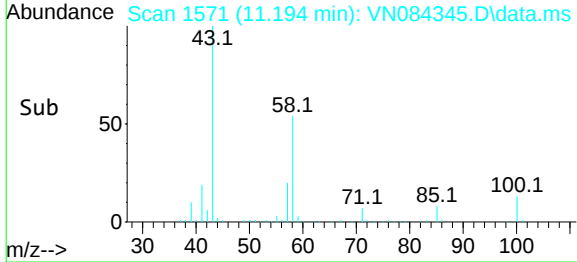
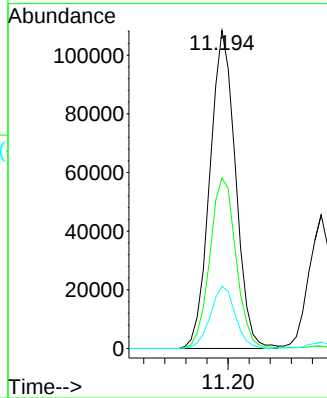
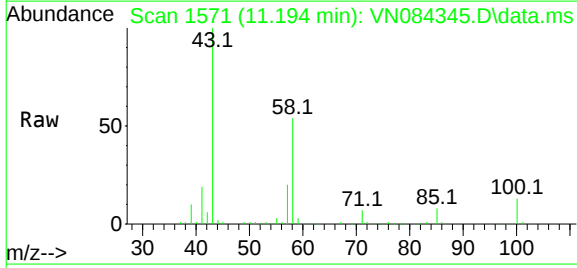
#59
2-Hexanone
Concen: 86.985 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tgt Ion: 43 Resp: 183240
Ion Ratio Lower Upper
43 100
58 54.5 44.0 66.0
57 19.0 15.4 23.2

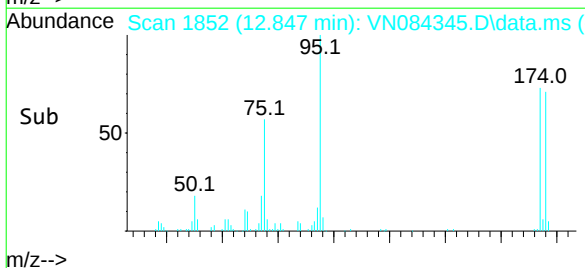
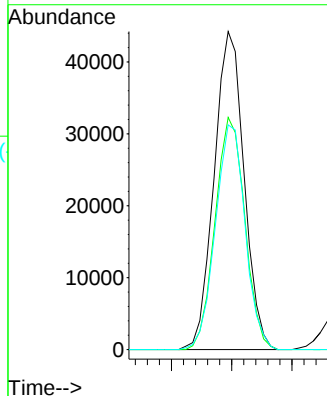
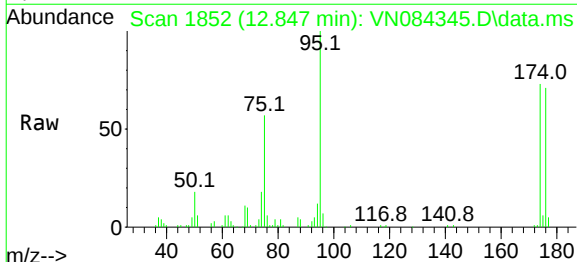
Manual Integrations
APPROVED

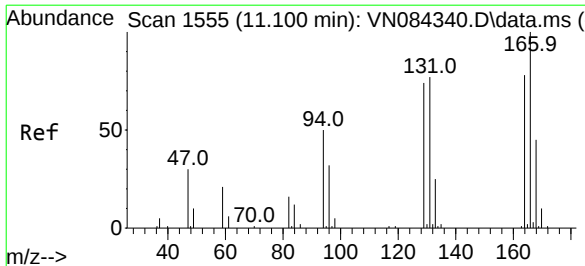
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#60
4-Bromofluorobenzene
Concen: 30.348 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

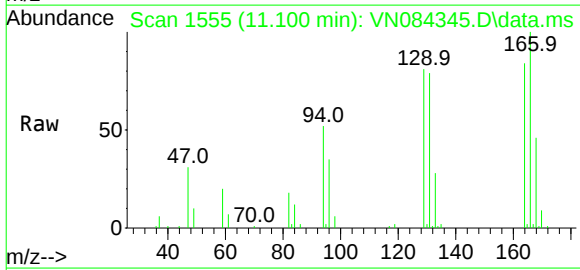
Tgt Ion: 95 Resp: 76223
Ion Ratio Lower Upper
95 100
174 72.4 58.2 87.2
176 70.3 56.4 84.6





#61
Tetrachloroethene
Concen: 18.916 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

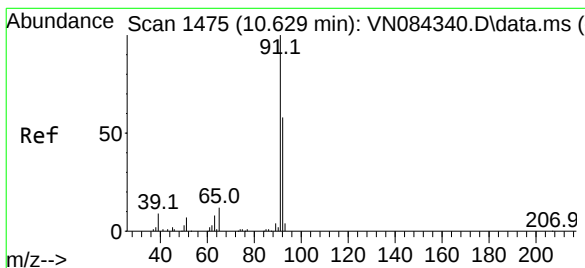
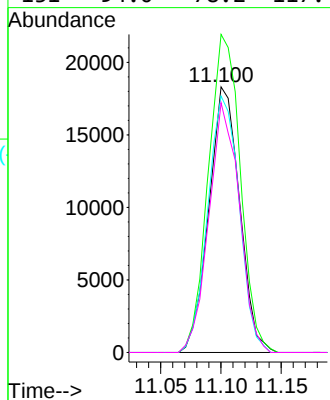
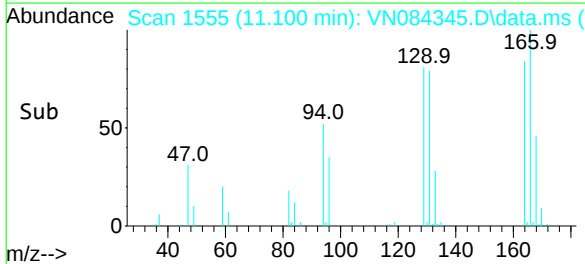
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01



Tgt Ion: 164 Resp: 32562
Ion Ratio Lower Upper
164 100
166 119.7 102.5 153.7
129 96.5 75.7 113.5
131 94.0 78.2 117.4

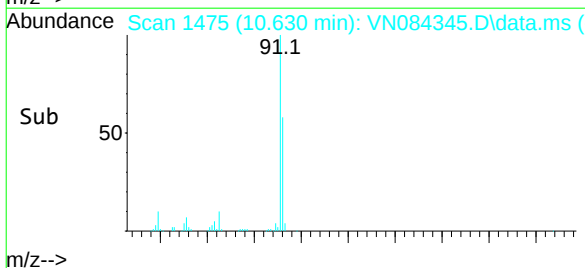
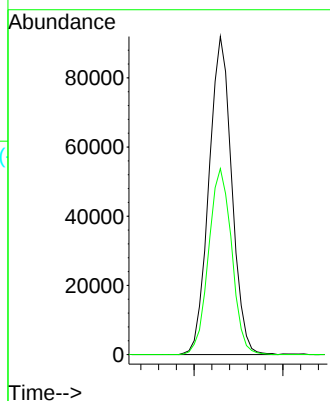
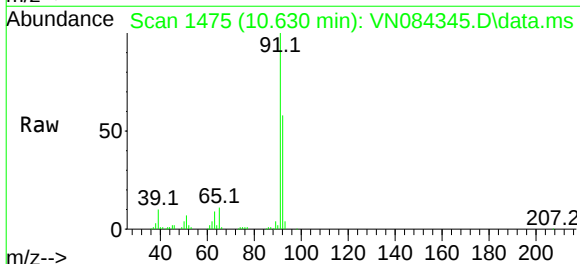
Manual Integrations
APPROVED

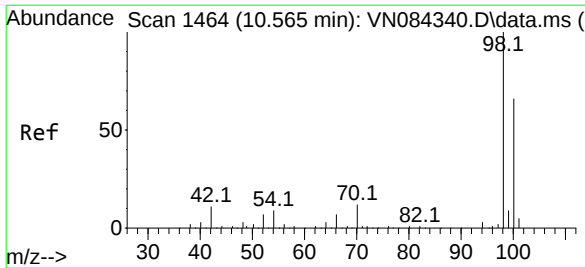
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#62
Toluene
Concen: 18.460 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 91 Resp: 164465
Ion Ratio Lower Upper
91 100
92 59.0 47.2 70.8





#63

Toluene-d8

Concen: 30.428 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

Tgt Ion: 98 Resp: 214517

Ion Ratio Lower Upper

98 100

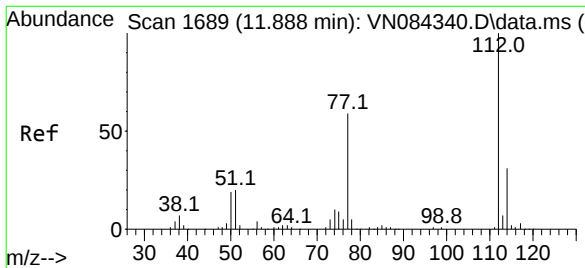
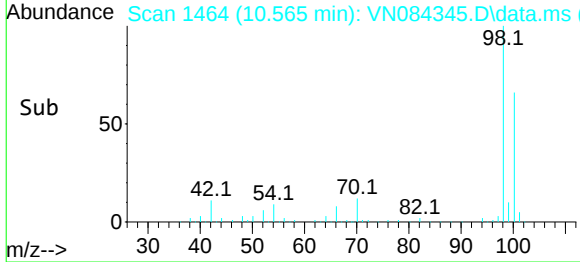
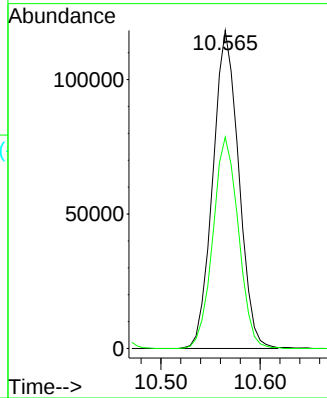
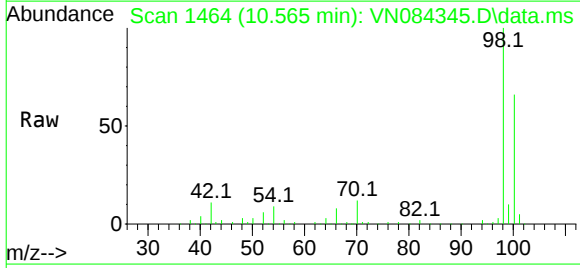
100 65.5 52.5 78.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#64

Chlorobenzene

Concen: 17.931 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN084345.D

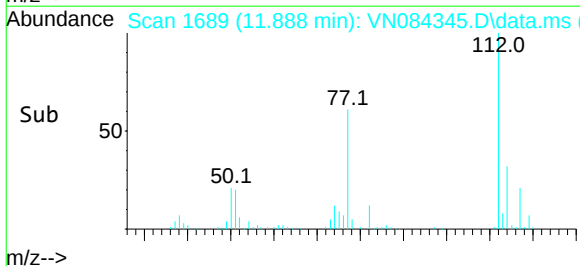
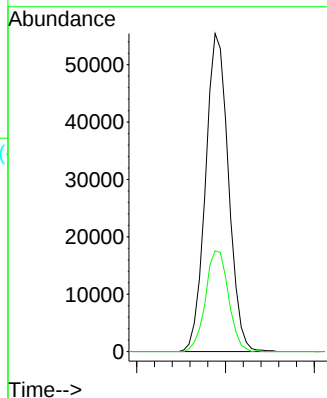
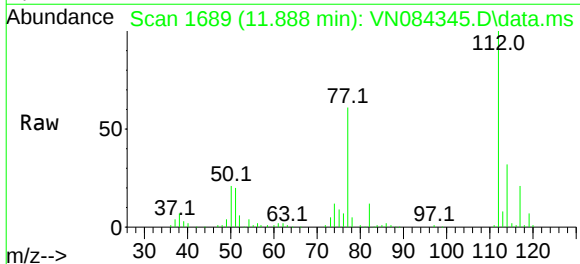
Acq: 08 Oct 2024 13:21

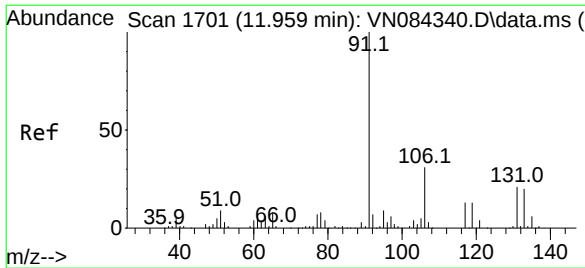
Tgt Ion:112 Resp: 99407

Ion Ratio Lower Upper

112 100

114 31.7 25.1 37.7





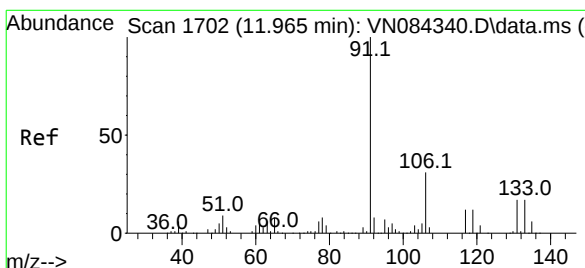
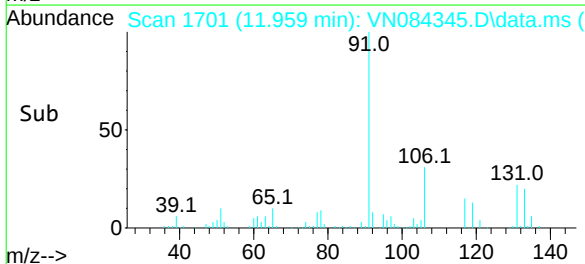
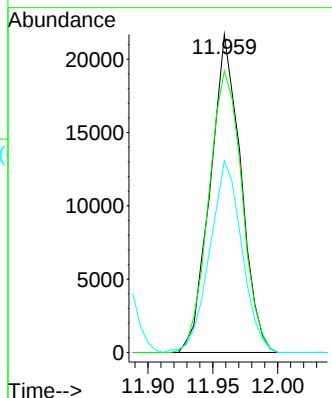
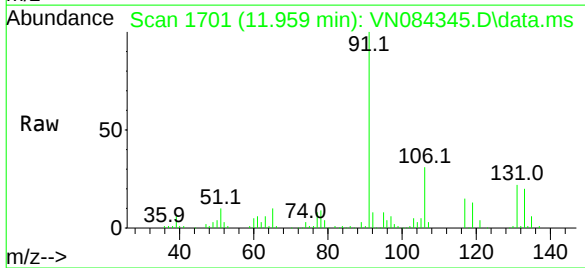
#65
1,1,1,2-Tetrachloroethane
Concen: 18.466 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tgt Ion: 131 Resp: 35566
Ion Ratio Lower Upper
131 100
133 96.3 0.0 190.4
119 63.3 0.0 130.0

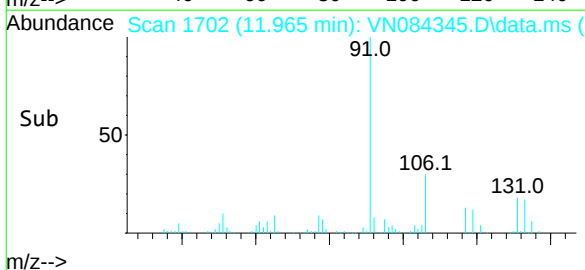
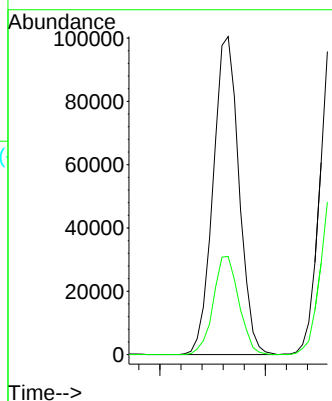
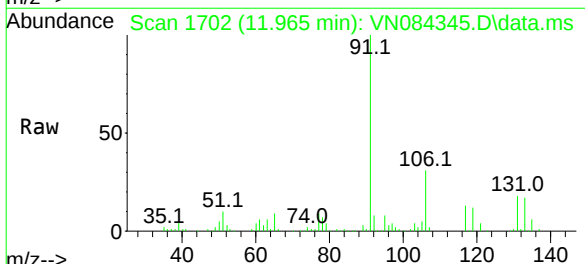
Manual Integrations
APPROVED

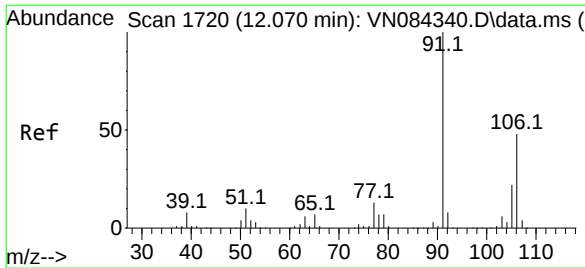
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#66
Ethyl Benzene
Concen: 17.705 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 91 Resp: 171373
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8





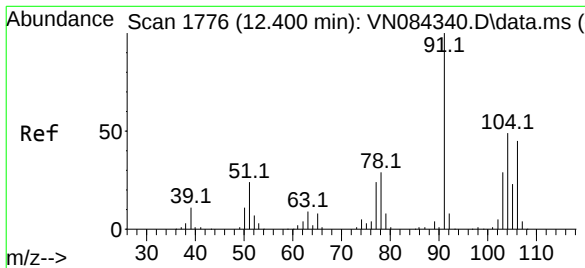
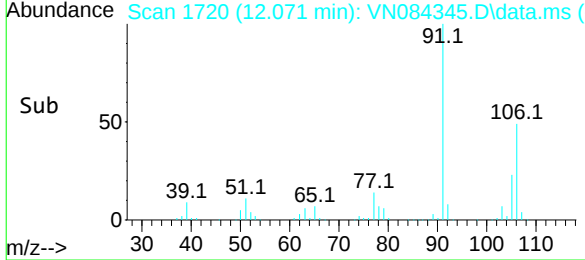
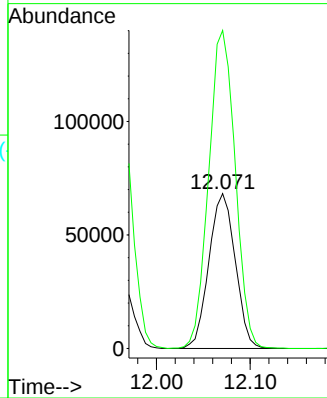
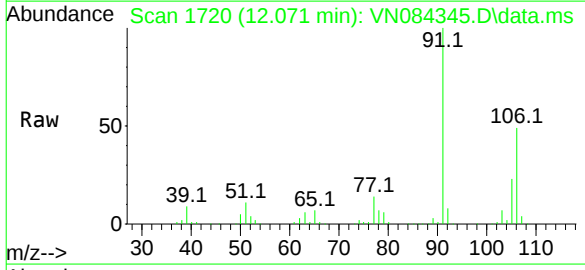
#67
m/p-Xylenes
Concen: 36.364 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tgt Ion:106 Resp: 133521
Ion Ratio Lower Upper
106 100
91 206.4 166.7 250.1

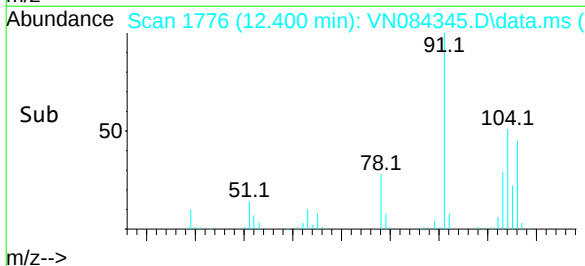
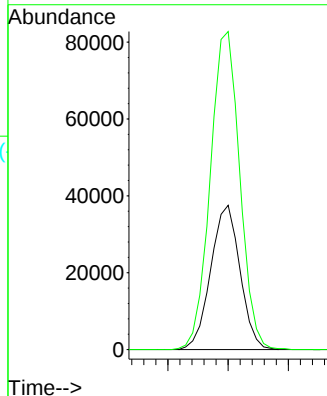
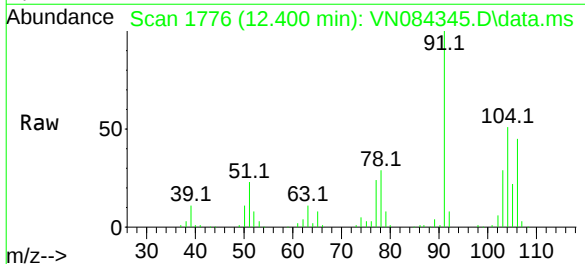
Manual Integrations
APPROVED

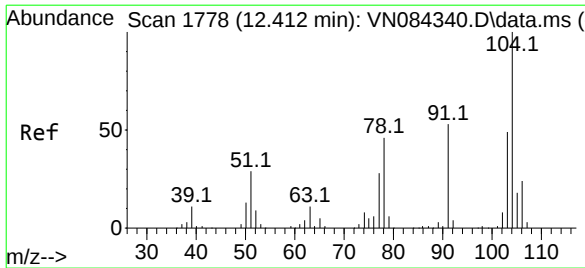
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#68
o-Xylene
Concen: 17.939 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion:106 Resp: 63492
Ion Ratio Lower Upper
106 100
91 222.0 110.9 332.9





#69

Styrene

Concen: 17.839 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

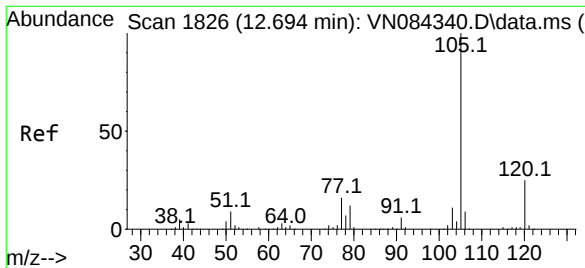
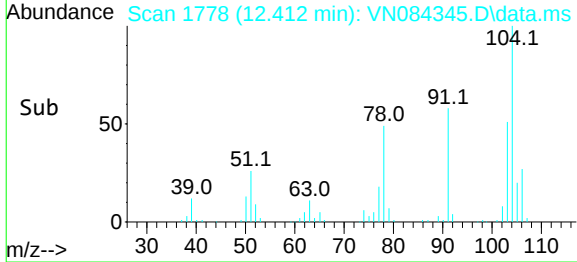
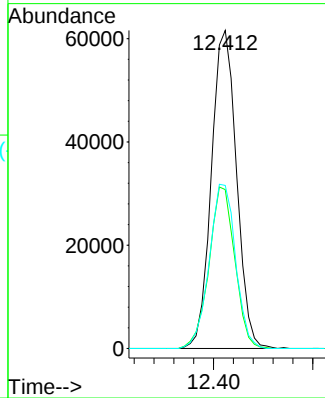
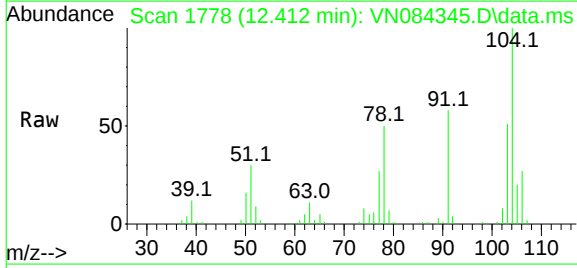
Tgt Ion:	104	Resp:	108383
Ion Ratio	Lower	Upper	
104	100		
78	51.9	41.6	62.4
103	54.1	44.4	66.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#70

Isopropylbenzene

Concen: 17.904 ug/l

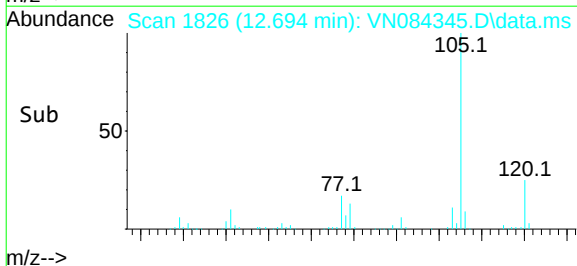
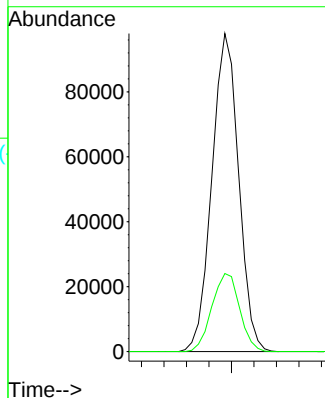
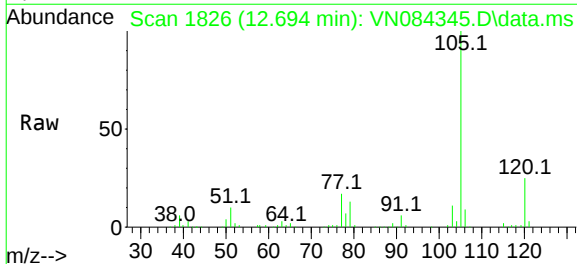
RT: 12.694 min Scan# 1826

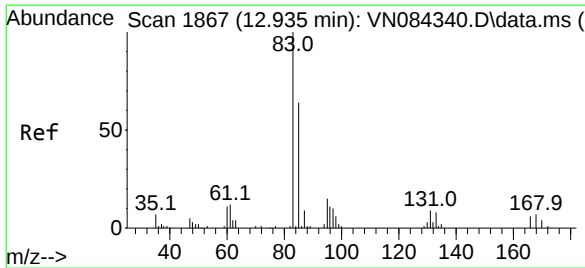
Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Tgt Ion:	105	Resp:	161771
Ion Ratio	Lower	Upper	
105	100		
120	25.4	17.4	32.4





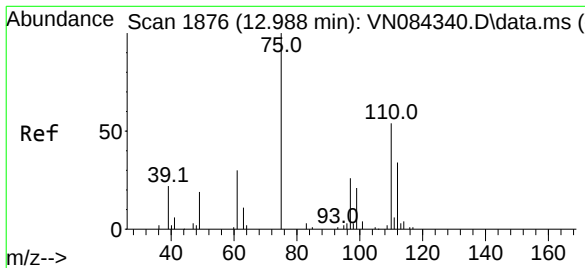
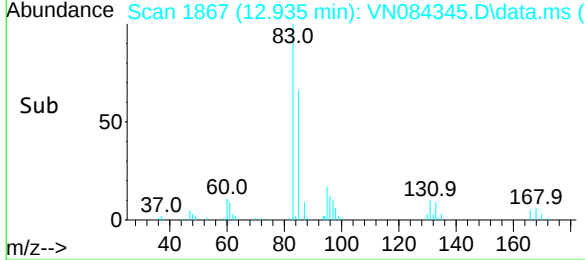
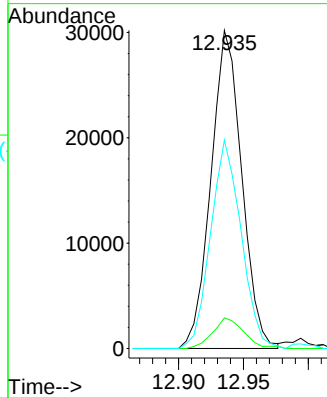
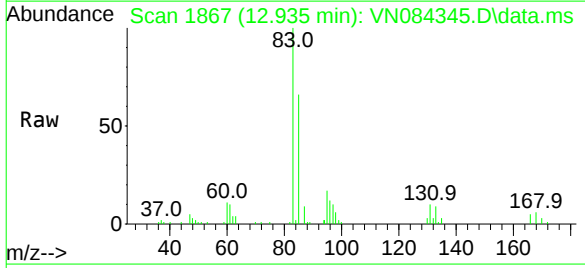
#71
1,1,2,2-Tetrachloroethane
Concen: 17.818 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tgt Ion: 83	Resp: 49802
Ion Ratio	Lower Upper
83 100	
131 9.4	5.1 15.3
85 64.9	32.0 96.2

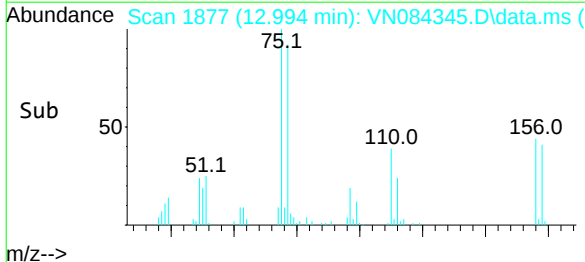
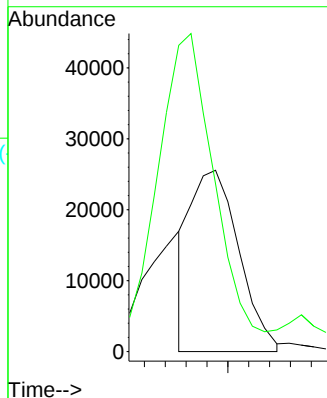
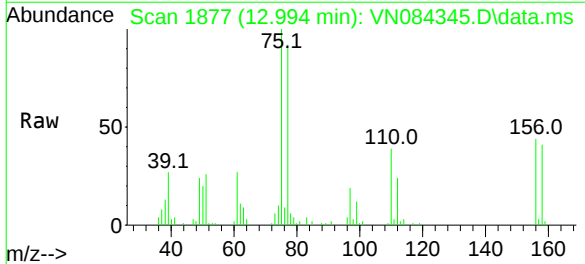
Manual Integrations
APPROVED

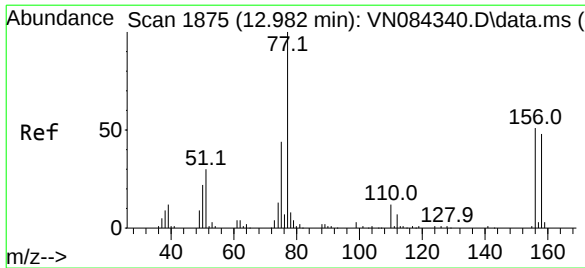
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#72
1,2,3-Trichloropropane
Concen: 17.271 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 75	Resp: 41344
Ion Ratio	Lower Upper
75 100	
77 209.8	0.0 414.0





#73

Bromobenzene

Concen: 18.069 ug/l

RT: 12.976 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

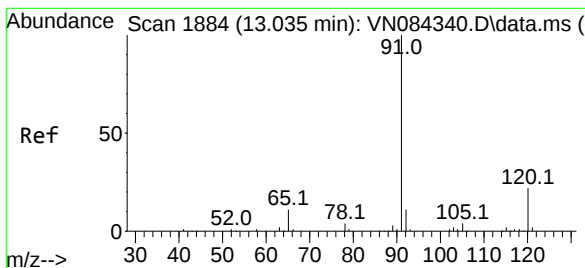
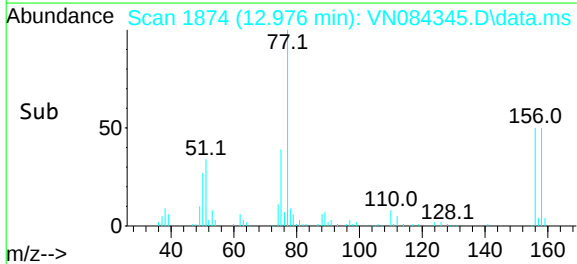
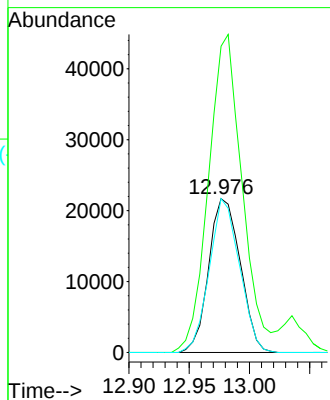
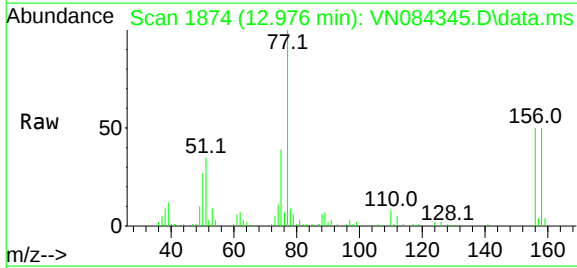
Tgt Ion:	156	Resp:	39538
Ion Ratio	Lower	Upper	
156	100		
77	219.4	0.0	451.0
158	95.8	0.0	194.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#74

n-propylbenzene

Concen: 17.738 ug/l

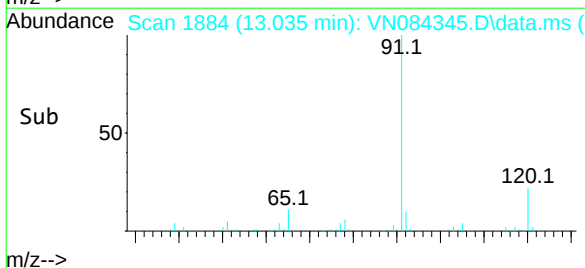
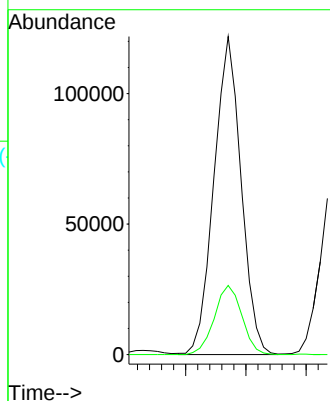
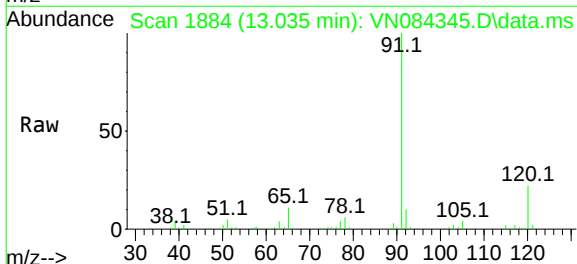
RT: 13.035 min Scan# 1884

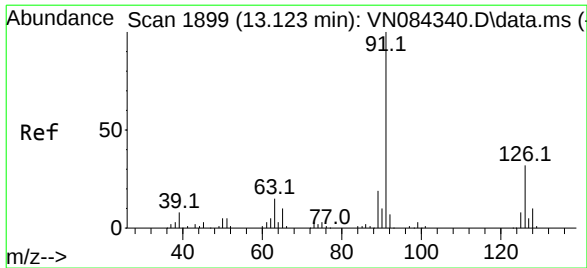
Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Tgt Ion:	91	Resp:	190983
Ion Ratio	Lower	Upper	
91	100		
120	22.0	0.0	43.2





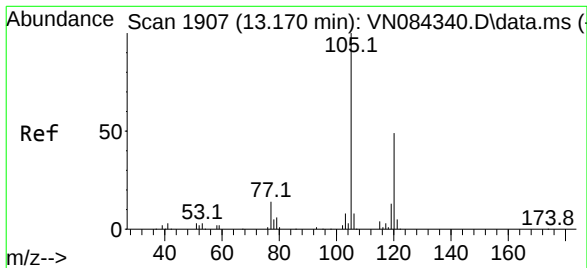
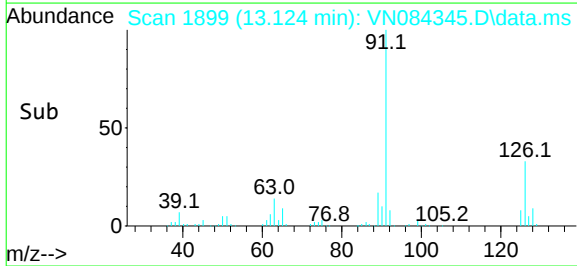
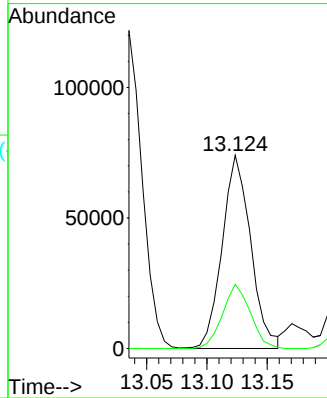
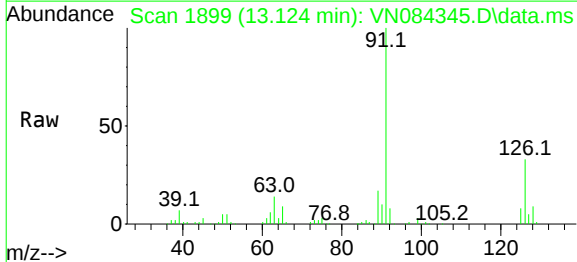
#75
2-Chlorotoluene
Concen: 18.231 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tgt Ion: 91 Resp: 121976
Ion Ratio Lower Upper
91 100
126 32.2 0.0 64.0

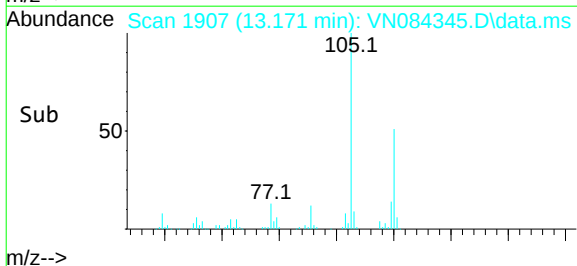
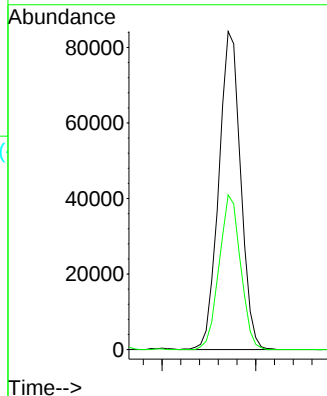
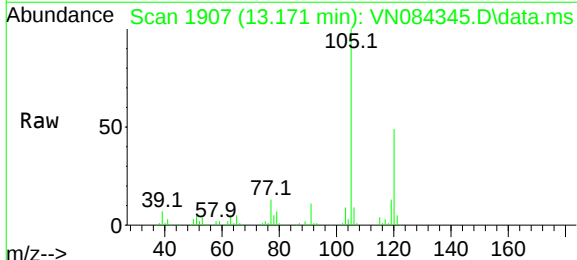
Manual Integrations
APPROVED

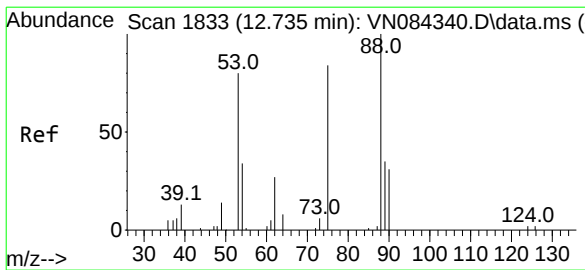
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#76
1,3,5-Trimethylbenzene
Concen: 17.979 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion:105 Resp: 136775
Ion Ratio Lower Upper
105 100
120 47.6 0.0 94.4





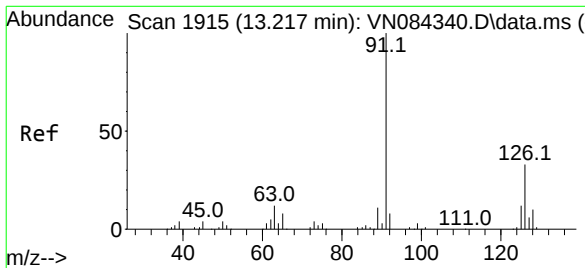
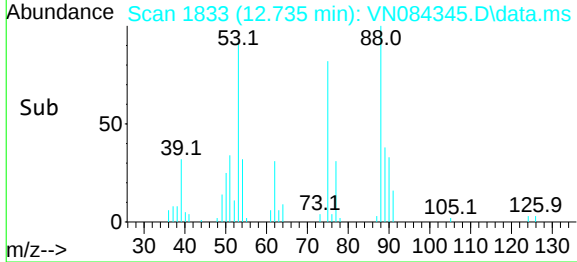
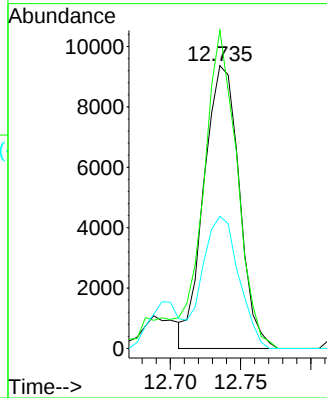
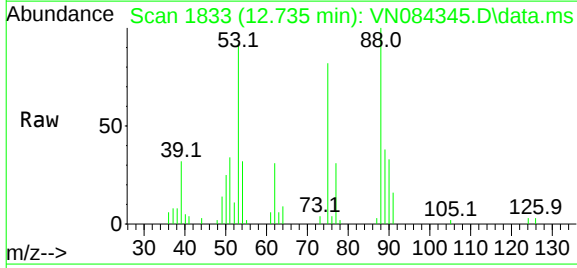
#77
t-1,4-Dichloro-2-butene
Concen: 15.997 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tgt Ion: 75 Resp: 16364
Ion Ratio Lower Upper
75 100
53 112.4 47.3 142.0
89 46.8 22.9 68.8

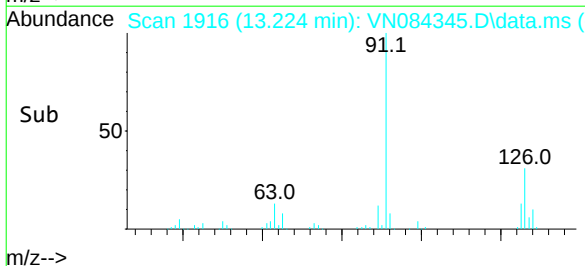
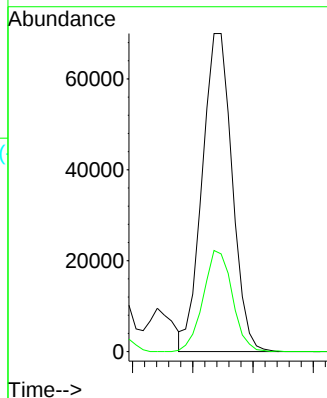
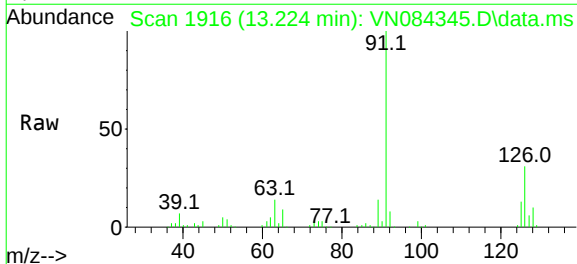
Manual Integrations
APPROVED

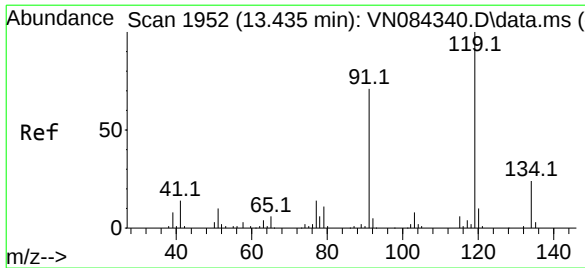
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#78
4-Chlorotoluene
Concen: 17.746 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion: 91 Resp: 120716
Ion Ratio Lower Upper
91 100
126 31.0 0.0 62.4





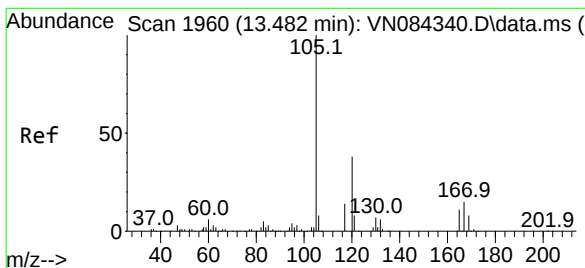
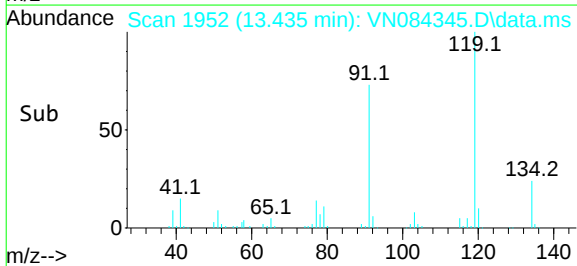
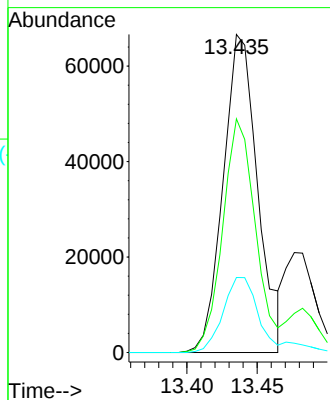
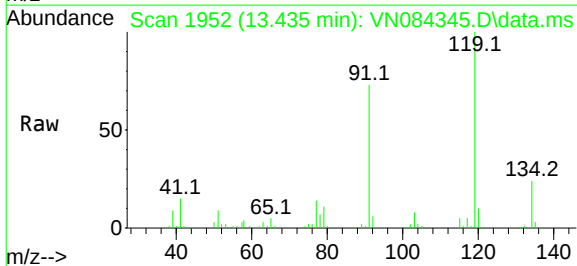
#79
tert-butylbenzene
Concen: 17.546 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tgt Ion:119 Resp: 113881
Ion Ratio Lower Upper
119 100
91 69.8 0.0 138.0
134 23.5 0.0 48.8

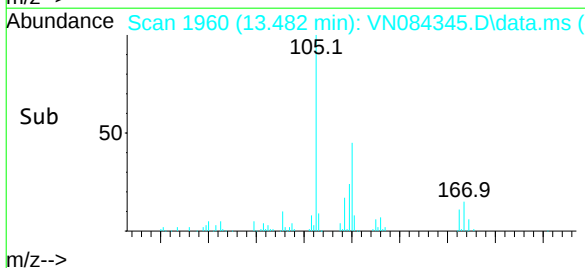
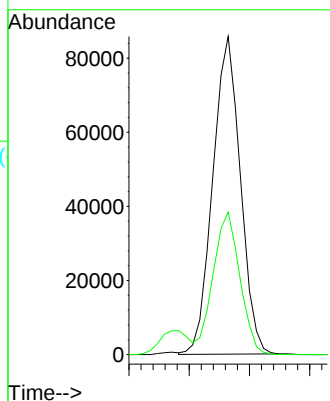
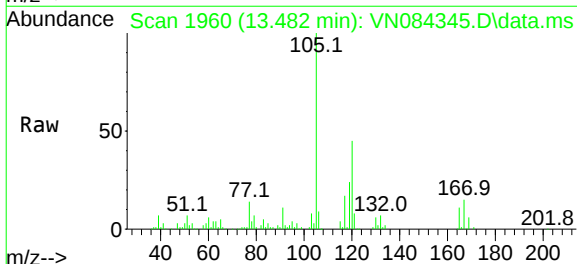
Manual Integrations
APPROVED

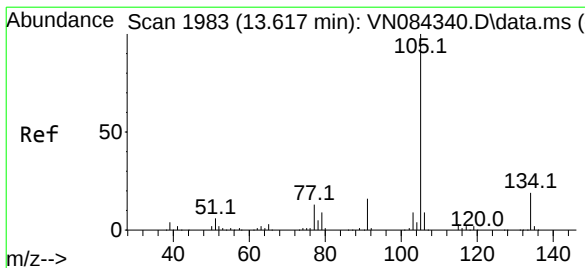
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#80
1,2,4-Trimethylbenzene
Concen: 17.670 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion:105 Resp: 136396
Ion Ratio Lower Upper
105 100
120 43.7 0.0 88.8





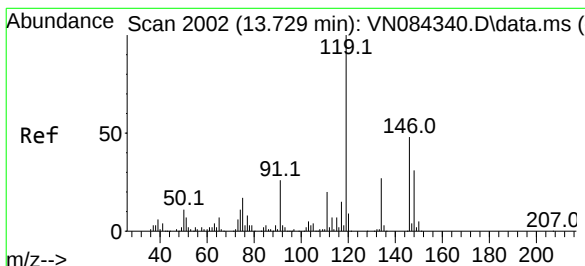
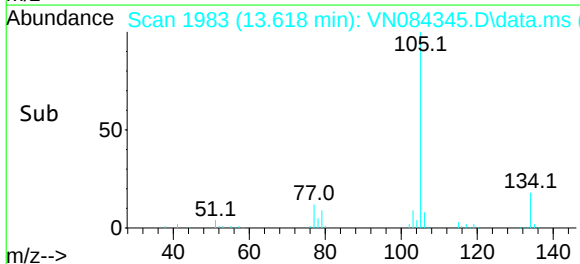
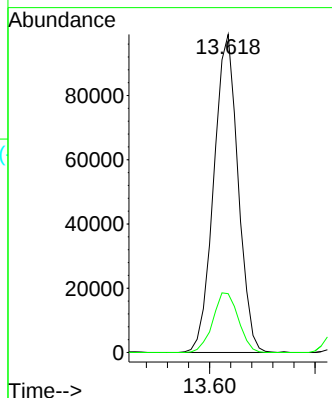
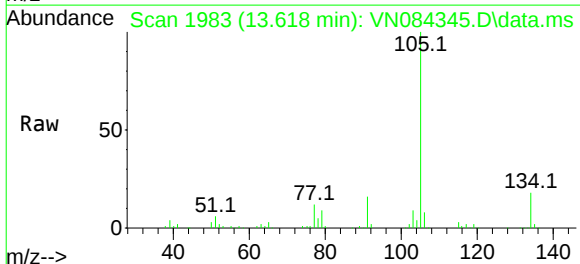
#81
sec-Butylbenzene
Concen: 17.724 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tgt Ion:105 Resp: 158374
Ion Ratio Lower Upper
105 100
134 19.7 0.0 38.0

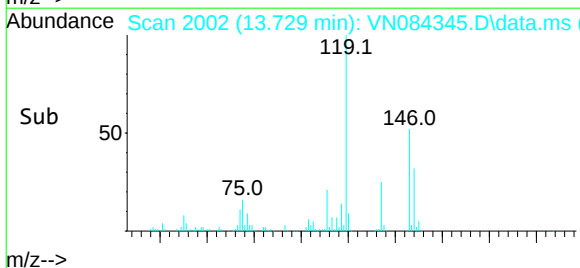
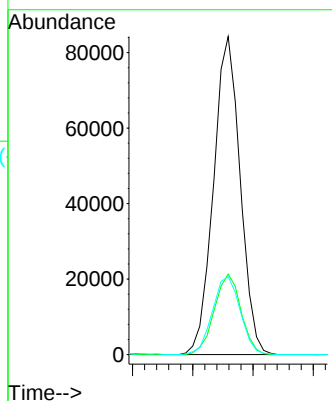
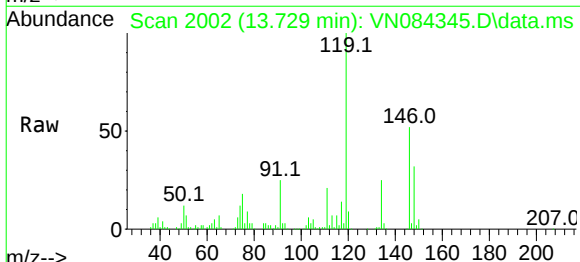
Manual Integrations
APPROVED

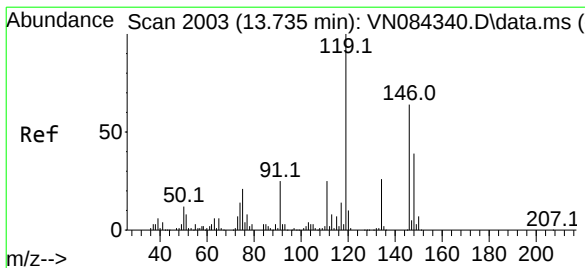
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#82
p-Isopropyltoluene
Concen: 17.236 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion:119 Resp: 129631
Ion Ratio Lower Upper
119 100
134 25.3 0.0 50.2
91 25.6 0.0 50.6





#83

1,3-Dichlorobenzene

Concen: 17.939 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

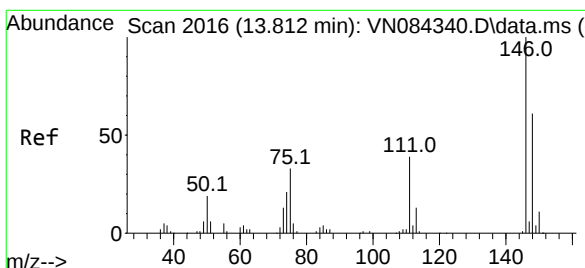
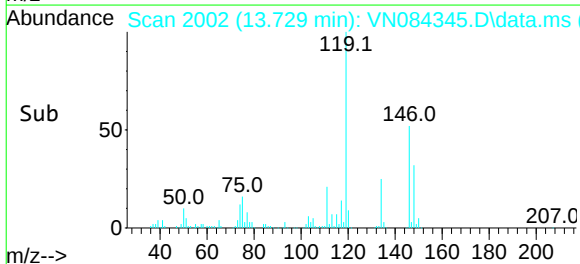
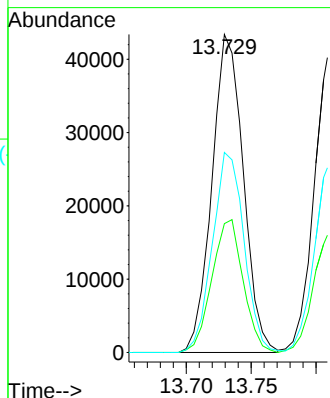
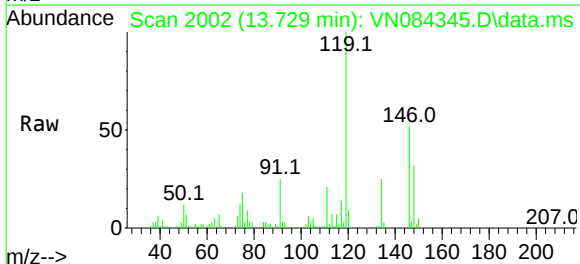
Tgt Ion:	146	Resp:	72989
Ion Ratio	Lower	Upper	
146	100		
111	41.7	20.6	61.9
148	63.5	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#84

1,4-Dichlorobenzene

Concen: 17.477 ug/l

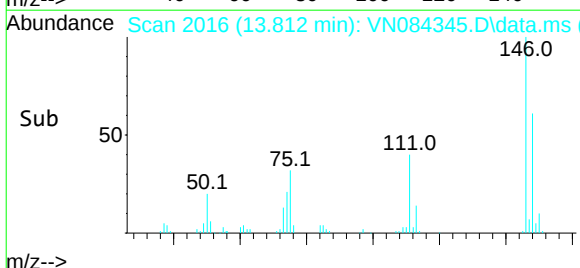
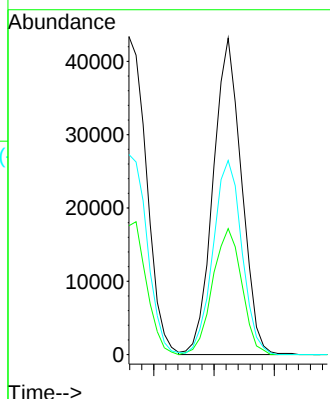
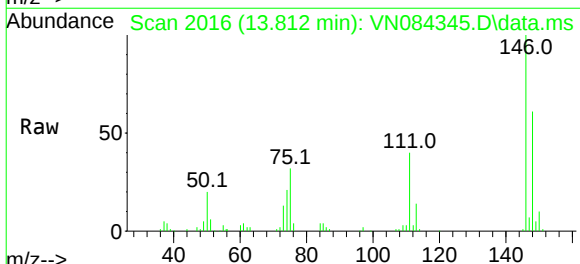
RT: 13.812 min Scan# 2016

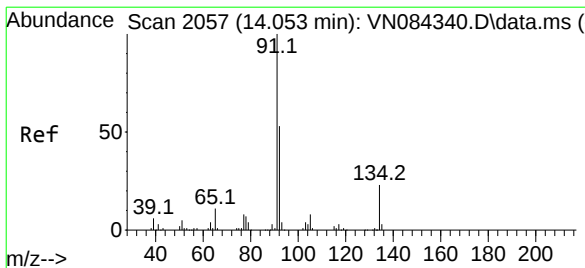
Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Tgt Ion:	146	Resp:	70611
Ion Ratio	Lower	Upper	
146	100		
111	40.9	20.5	61.5
148	62.5	32.5	97.4





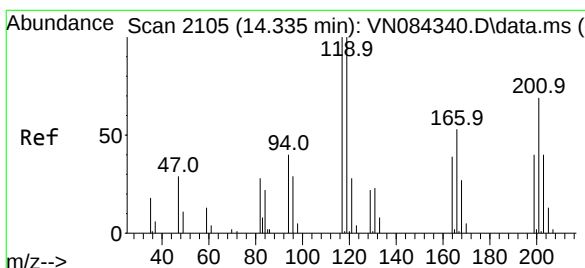
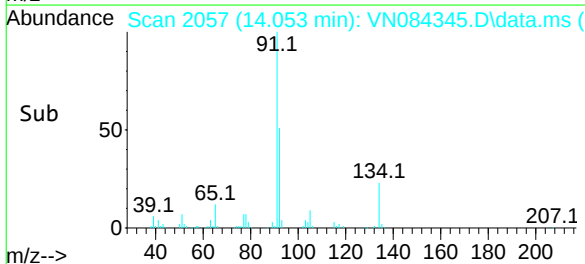
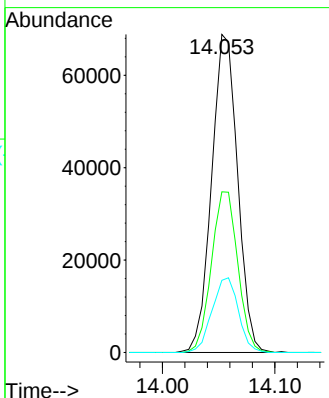
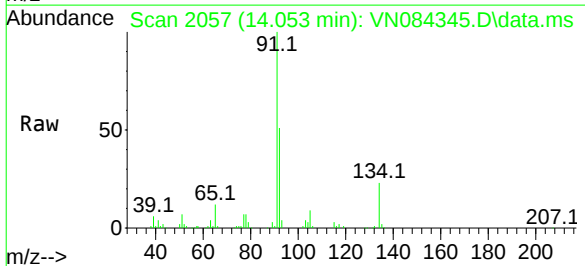
#85
n-Butylbenzene
Concen: 16.977 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tgt Ion: 91 Resp: 110590
Ion Ratio Lower Upper
91 100
92 51.2 0.0 103.4
134 23.7 0.0 48.0

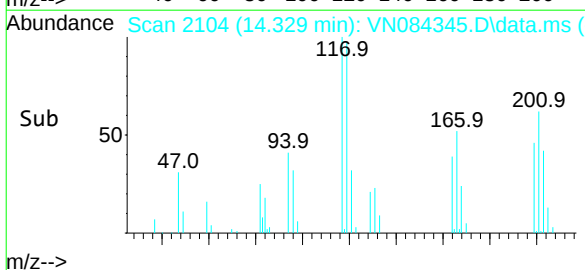
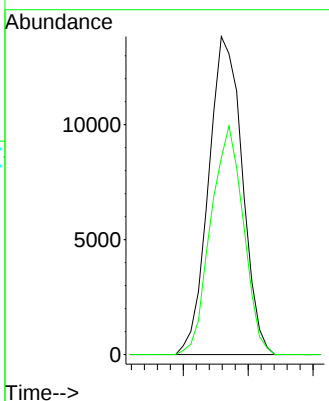
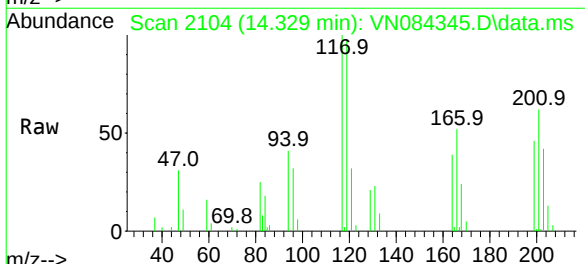
Manual Integrations
APPROVED

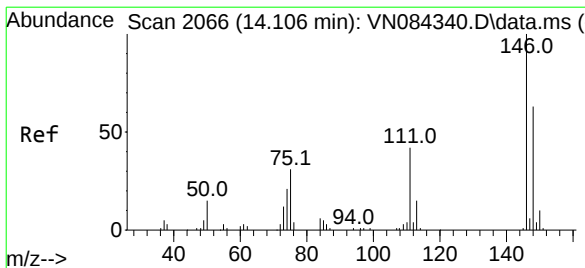
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#86
Hexachloroethane
Concen: 17.228 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

Tgt Ion:117 Resp: 24963
Ion Ratio Lower Upper
117 100
201 69.5 33.9 101.6





#87

1,2-Dichlorobenzene

Concen: 17.724 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

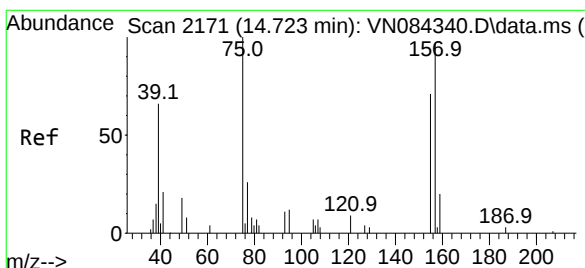
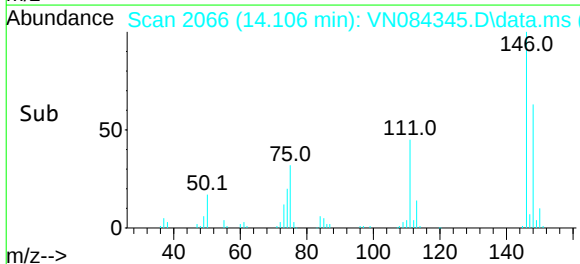
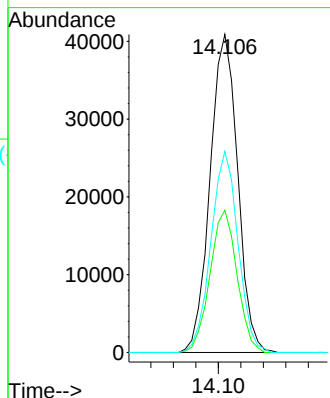
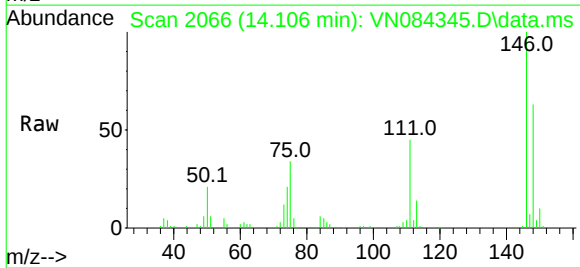
Tgt Ion:	146	Resp:	69725
Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.9	65.5
148	62.2	31.1	93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.176 ug/l

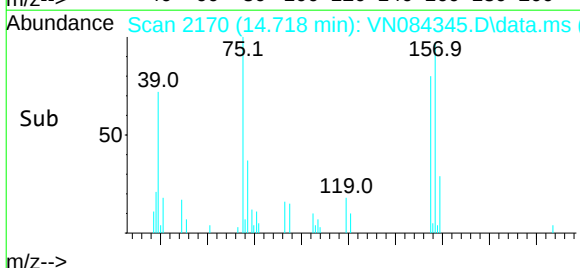
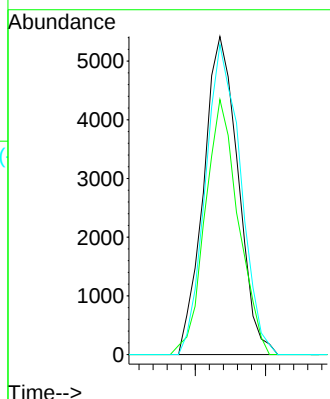
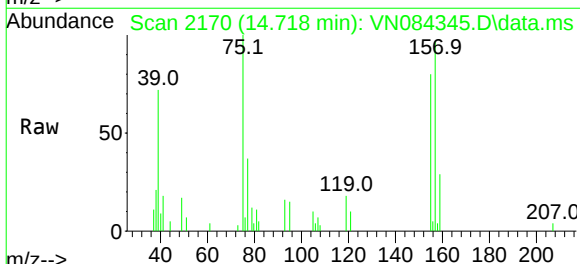
RT: 14.718 min Scan# 2170

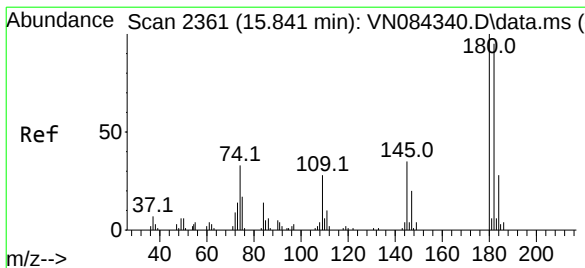
Delta R.T. -0.006 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Tgt Ion:	75	Resp:	9246
Ion	Ratio	Lower	Upper
75	100		
155	77.3	61.8	92.8
157	99.0	77.4	116.0





#89

1,2,4-Trichlorobenzene

Concen: 16.846 ug/l

RT: 15.835 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

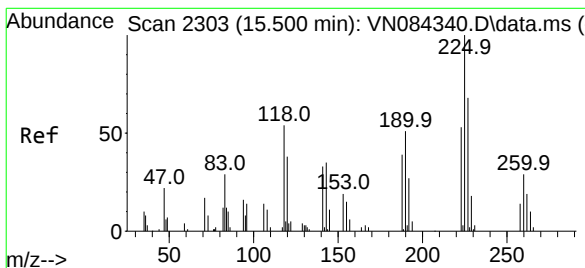
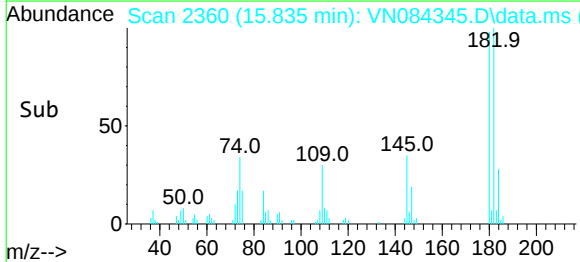
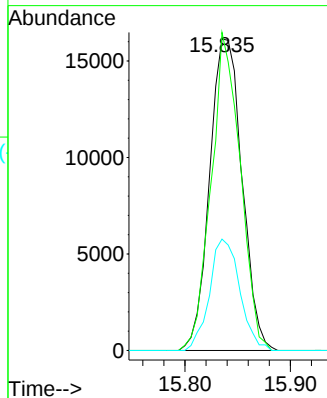
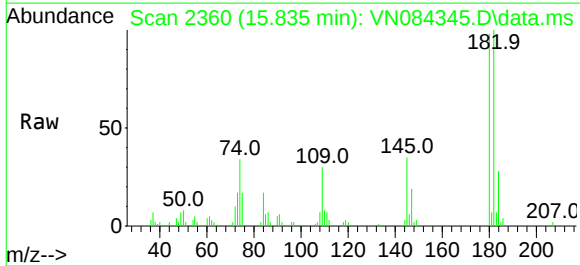
Tgt Ion:	180	Resp:	34455
Ion Ratio	Lower	Upper	
180	100		
182	92.0	77.8	116.6
145	33.5	28.9	43.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#90

Hexachlorobutadiene

Concen: 17.153 ug/l

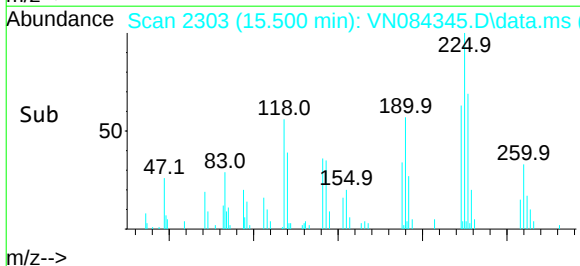
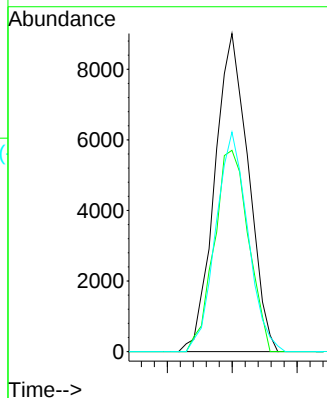
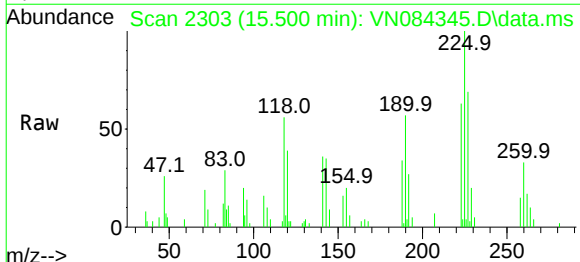
RT: 15.500 min Scan# 2303

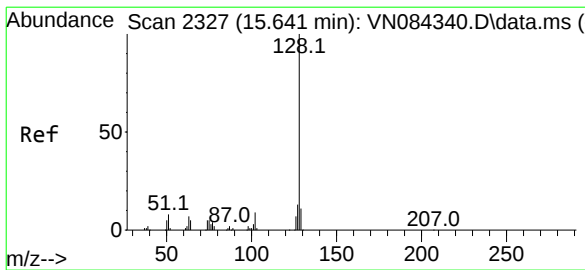
Delta R.T. 0.000 min

Lab File: VN084345.D

Acq: 08 Oct 2024 13:21

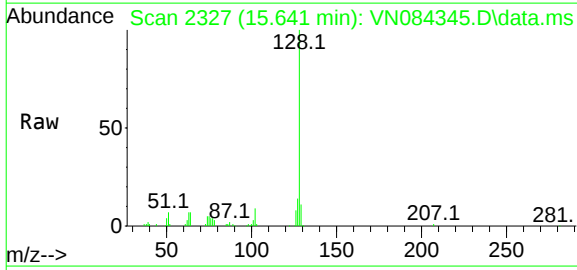
Tgt Ion:	225	Resp:	16231
Ion Ratio	Lower	Upper	
225	100		
223	64.5	0.0	124.0
227	65.9	0.0	130.8





#91
Naphthalene
Concen: 15.016 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21

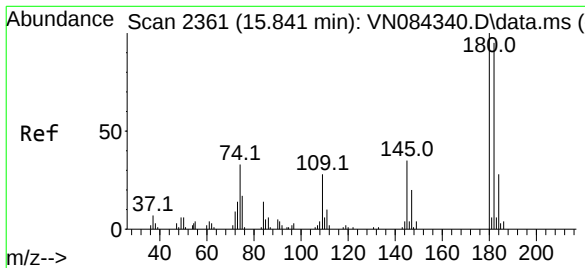
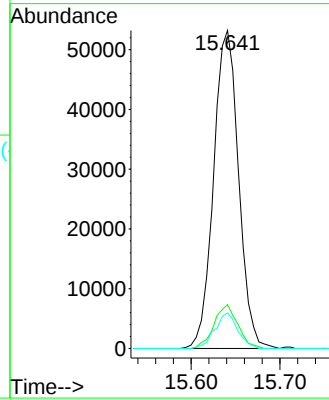
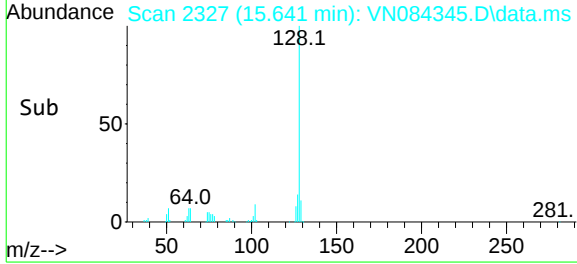
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01



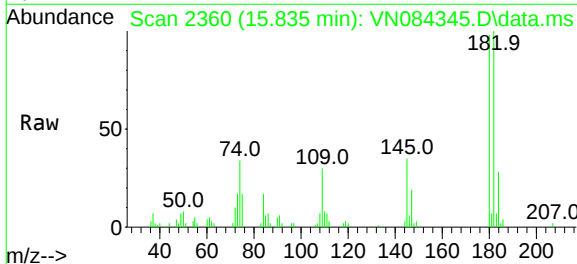
Tgt Ion:128 Resp: 104075
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#92
1,2,3-Trichlorobenzene
Concen: 16.846 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN084345.D
Acq: 08 Oct 2024 13:21



Tgt Ion:180 Resp: 34455
Ion Ratio Lower Upper
180 100
182 92.0 0.0 194.4
145 33.5 0.0 72.2

