

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084338.D
 Acq On : 08 Oct 2024 10:07
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

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

Quant Time: Oct 09 02:06:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:04:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	35068	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	190456	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	179975	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	84835	30.048	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.167%			
60) 4-Bromofluorobenzene	12.847	95	91083	30.664	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.200%			
63) Toluene-d8	10.565	98	247263	29.656	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.867%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	205380	95.924	ug/l	97
3) Chloromethane	2.359	50	238067	97.710	ug/l	99
4) Vinyl Chloride	2.512	62	232167	97.168	ug/l	98
5) Bromomethane	2.930	94	144198	91.091	ug/l	97
6) Chloroethane	3.106	64	140802	89.888	ug/l	97
7) Trichlorofluoromethane	3.489	101	379462	97.500	ug/l	92
8) Diethyl Ether	3.959	74	141064	98.586	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	213828	97.714	ug/l	99
10) 1,1-Dichloroethene	4.336	96	214197	98.097	ug/l	93
11) Methyl Iodide	4.583	142	286385	99.804	ug/l	99
12) Methyl Acetate	5.024	43	276654	101.206	ug/l	100
13) Acrolein	4.177	56	263202	518.323	ug/l	99
14) Acrylonitrile	5.712	53	599763	488.367	ug/l	98
15) Acetone	4.424	58	184044	524.611	ug/l	93
16) Carbon Disulfide	4.706	76	615999	94.737	ug/l	100
17) Allyl chloride	5.018	41	352646	99.630	ug/l	93
18) Methylene Chloride	5.271	84	235470	95.730	ug/l	96
19) trans-1,2-Dichloroethene	5.783	96	224774	97.266	ug/l	93
20) Diisopropyl ether	6.671	45	758291	99.640	ug/l	97
21) 1,1-Dichloroethane	6.565	63	420888	96.384	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	261797	97.356	ug/l	98
23) tert-Butyl Alcohol	5.524	59	237527	504.229	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	732699	100.410	ug/l #	85
25) Chloroform	7.965	83	426680	96.476	ug/l	99
26) Cyclohexane	8.253	56	363184	99.442	ug/l #	94
29) 1,1-Dichloropropene	8.371	75	312760	100.036	ug/l	99
30) 2-Butanone	7.483	43	852543	512.158	ug/l	99
31) 2,2-Dichloropropane	7.489	77	370236	100.772	ug/l #	80
32) 1,1,1-Trichloroethane	8.165	97	399456	99.955	ug/l	99
33) Carbon Tetrachloride	8.359	117	347588	100.397	ug/l	97
34) Benzene	8.606	78	960915	98.185	ug/l	97
35) Methacrylonitrile	7.777	41	188397	106.088	ug/l	97
36) 1,2-Dichloroethane	8.671	62	320751	98.324	ug/l	100
37) Trichloroethene	9.353	130	224110	99.445	ug/l	93
38) Methylcyclohexane	9.600	83	359108	104.567	ug/l	99
39) 1,2-Dichloropropane	9.618	63	235798	98.802	ug/l	98
40) Dibromomethane	9.706	93	163396	97.960	ug/l	98
41) Bromodichloromethane	9.888	83	350730	99.048	ug/l	92
42) Vinyl Acetate	6.600	43	2998867	517.998	ug/l	100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:04:33 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	337577	102.827	ug/l	97
44) Isopropyl Acetate	8.688	43	553772	103.059	ug/l	99
45) 1,4-Dioxane	9.694	88	102529	2116.681	ug/l	95
46) Methyl methacrylate	9.677	41	266510	102.653	ug/l	99
47) n-amyl Acetate	12.494	43	505509	105.767	ug/l	97
48) t-1,3-Dichloropropene	10.835	75	368556	100.723	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	391167	102.004	ug/l	95
50) 1,1,2-Trichloroethane	11.012	97	221414	98.758	ug/l	98
51) Ethyl methacrylate	10.871	69	391063	105.601	ug/l	92
52) 1,3-Dichloropropane	11.159	76	387077	98.740	ug/l	100
53) Dibromochloromethane	11.359	129	264647	99.925	ug/l	99
54) 1,2-Dibromoethane	11.465	107	230529	99.892	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	906371	539.636	ug/l	99
56) Bromoform	12.576	173	181985	103.603	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	1693999	505.272	ug/l	100
59) 2-Hexanone	11.194	43	1283238	515.092	ug/l	99
61) Tetrachloroethene	11.100	164	196676	96.610	ug/l	96
62) Toluene	10.629	91	1038960	98.609	ug/l	99
64) Chlorobenzene	11.888	112	641078	97.777	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	224096	98.384	ug/l	99
66) Ethyl Benzene	11.965	91	1181271	103.195	ug/l	100
67) m/p-Xylenes	12.071	106	878405	202.285	ug/l	99
68) o-Xylene	12.400	106	426068	101.792	ug/l	99
69) Styrene	12.412	104	739030	102.854	ug/l	99
70) Isopropylbenzene	12.694	105	1096352	102.602	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	326404	98.744	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	282274m	99.846	ug/l	
73) Bromobenzene	12.976	156	258761	99.991	ug/l	99
74) n-propylbenzene	13.035	91	1306104	102.573	ug/l	99
75) 2-Chlorotoluene	13.123	91	797168	100.748	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	925442	102.861	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	128080	105.874	ug/l	99
78) 4-Chlorotoluene	13.218	91	811956	100.932	ug/l	99
79) tert-butylbenzene	13.435	119	797890	103.950	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	940023	102.973	ug/l	99
81) sec-Butylbenzene	13.618	105	1098551	103.955	ug/l	99
82) p-Isopropyltoluene	13.729	119	929312	104.480	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	486367	101.078	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	482980	101.080	ug/l	99
85) n-Butylbenzene	14.053	91	822416	106.755	ug/l	97
86) Hexachloroethane	14.335	117	173285	101.121	ug/l	100
87) 1,2-Dichlorobenzene	14.106	146	469667	100.954	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	69709	103.123	ug/l	98
89) 1,2,4-Trichlorobenzene	15.841	180	249678	103.221	ug/l	96
90) Hexachlorobutadiene	15.500	225	106287	94.981	ug/l	98
91) Naphthalene	15.641	128	888428	108.388	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	249678	103.221	ug/l	96

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

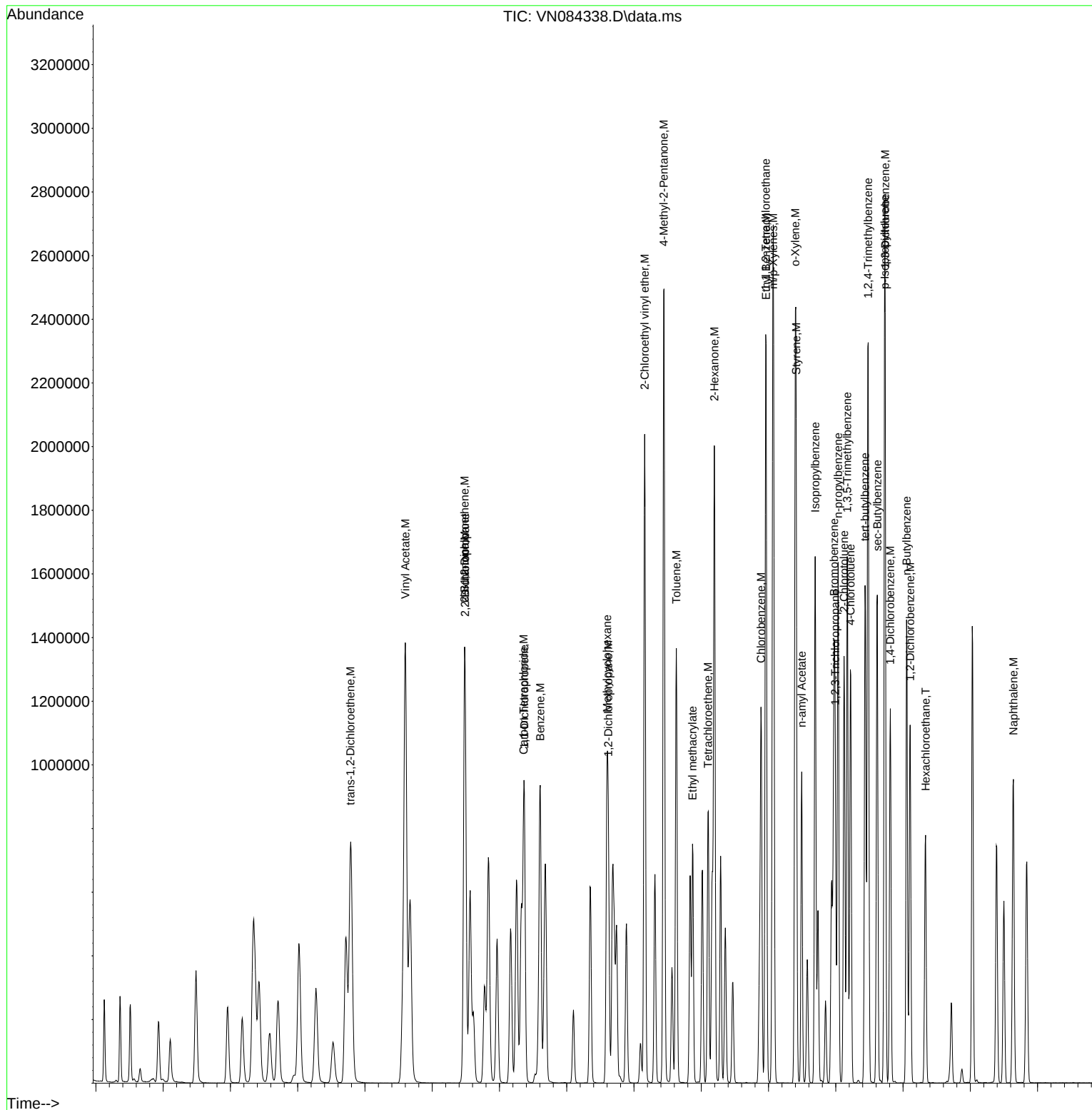
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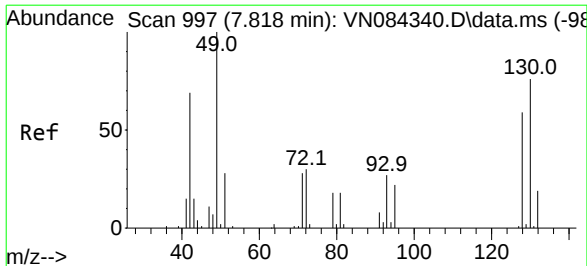
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

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

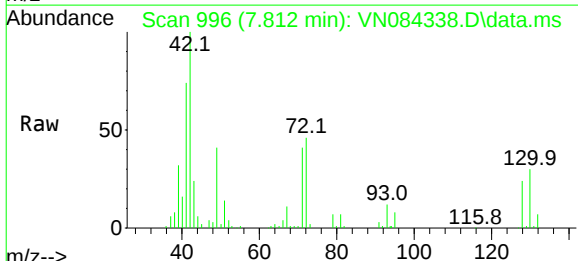
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 09 02:04:33 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

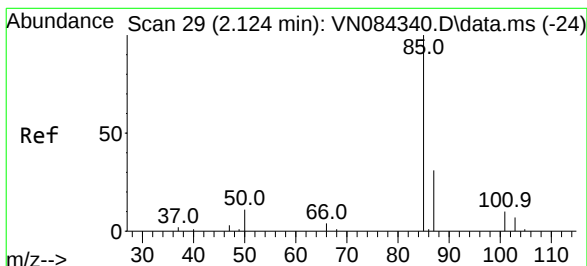
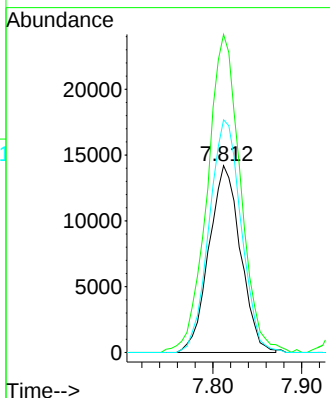
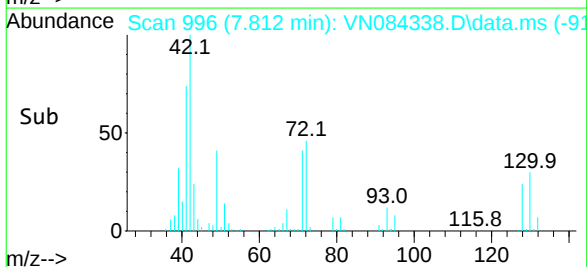
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:128 Resp: 35068
Ion Ratio Lower Upper
128 100
49 178.6 0.0 430.0
130 126.3 0.0 329.8

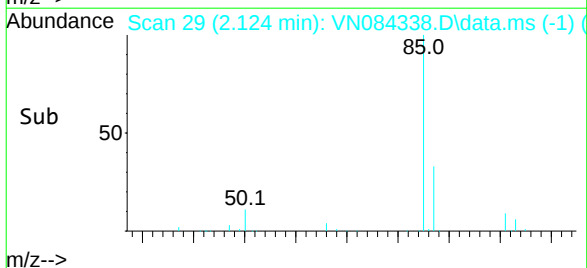
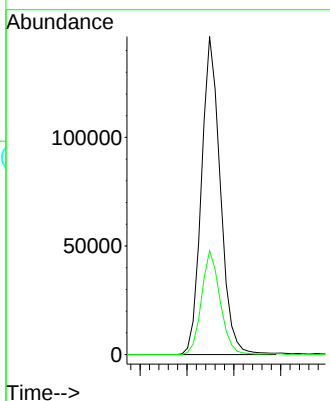
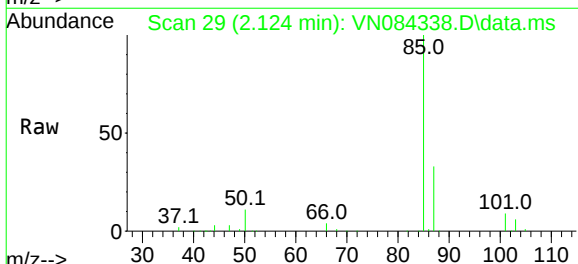
Manual Integrations
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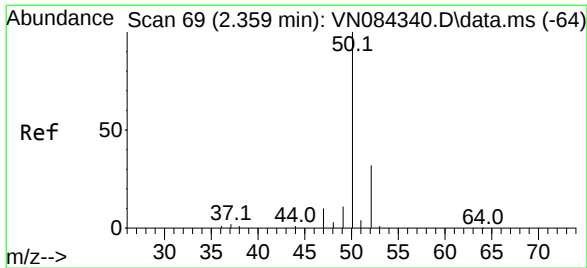
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#2
Dichlorodifluoromethane
Concen: 95.924 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Tgt Ion: 85 Resp: 205380
Ion Ratio Lower Upper
85 100
87 32.7 15.4 46.4





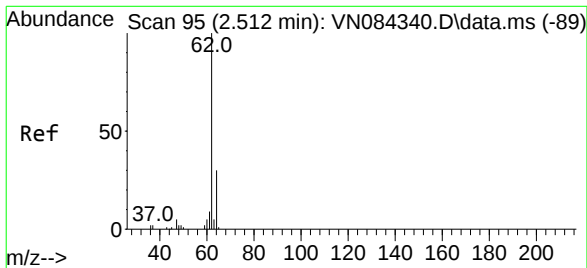
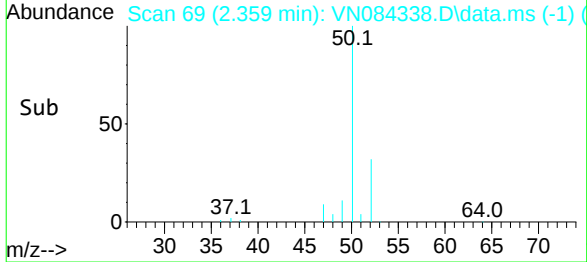
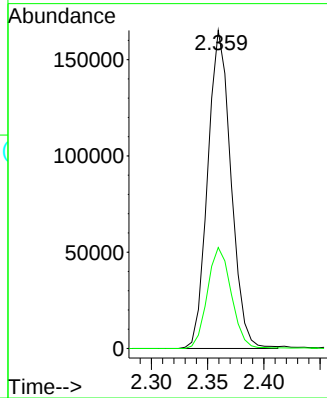
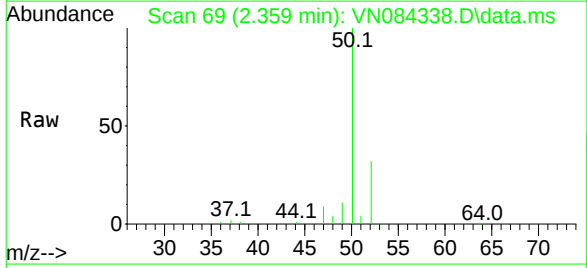
#3
Chloromethane
Concen: 97.710 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Instrument :
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ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 238067
Ion Ratio Lower Upper
50 100
52 31.7 25.8 38.6

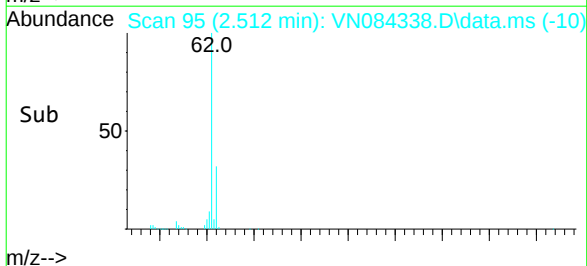
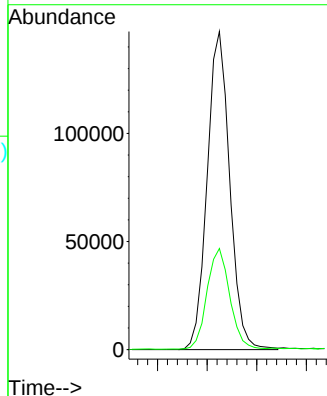
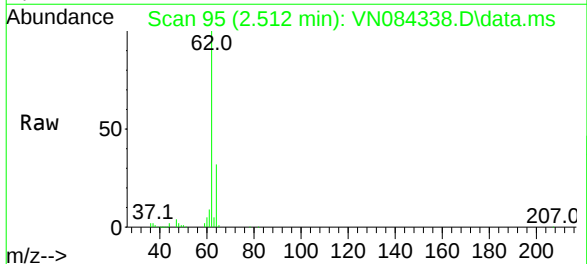
Manual Integrations
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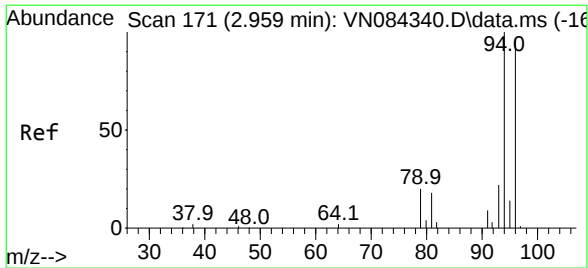
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#4
Vinyl Chloride
Concen: 97.168 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Tgt Ion: 62 Resp: 232167
Ion Ratio Lower Upper
62 100
64 31.6 24.3 36.5





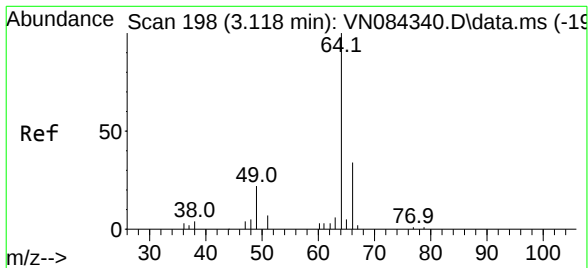
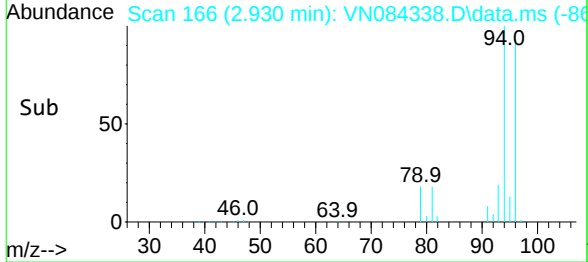
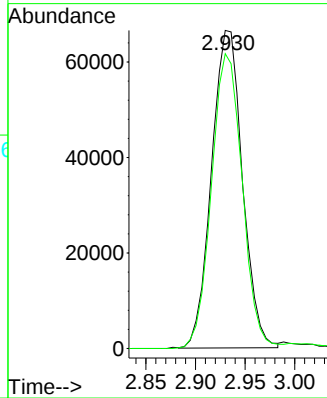
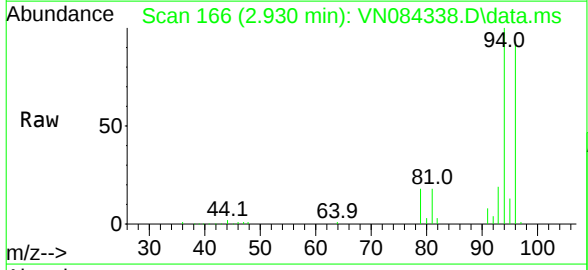
#5
Bromomethane
Concen: 91.091 ug/l
RT: 2.930 min Scan# 16
Delta R.T. -0.029 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 94 Resp: 144198
Ion Ratio Lower Upper
94 100
96 92.7 76.7 115.1

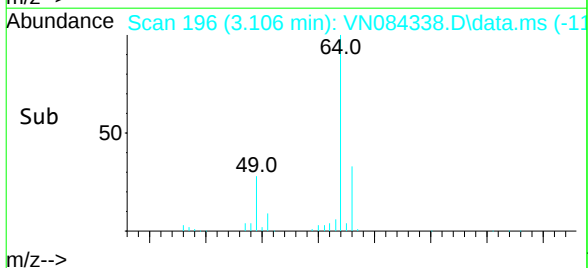
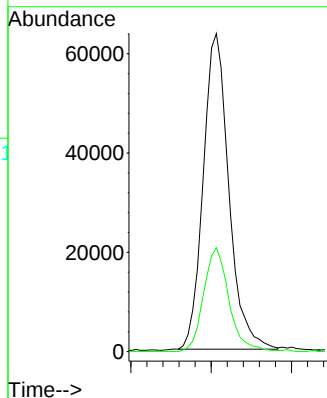
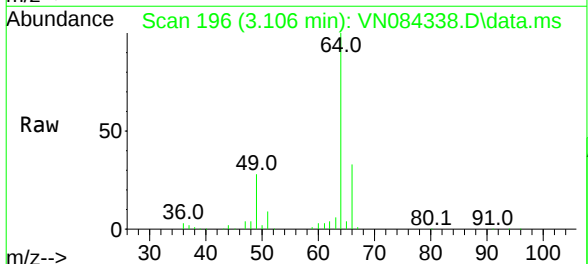
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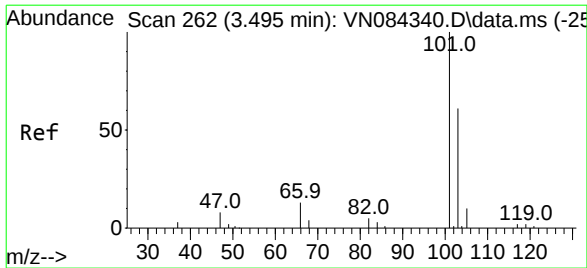
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#6
Chloroethane
Concen: 89.888 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

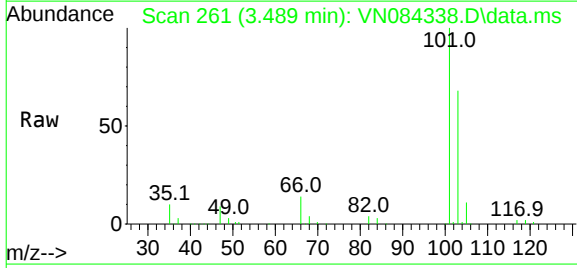
Tgt Ion: 64 Resp: 140802
Ion Ratio Lower Upper
64 100
66 32.9 27.7 41.5





#7
 Trichlorofluoromethane
 Concen: 97.500 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. -0.006 min
 Lab File: VN084338.D
 Acq: 08 Oct 2024 10:07

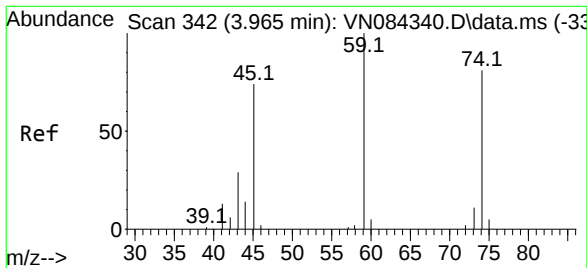
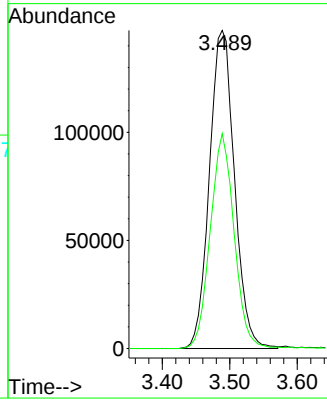
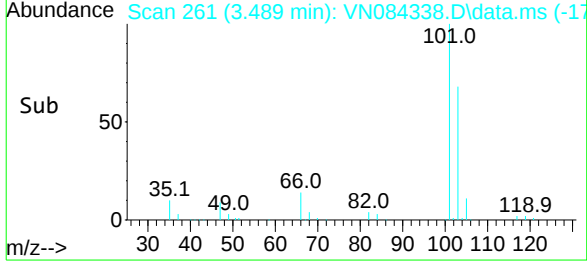
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion:101 Resp: 379462
 Ion Ratio Lower Upper
 101 100
 103 67.6 49.0 73.6

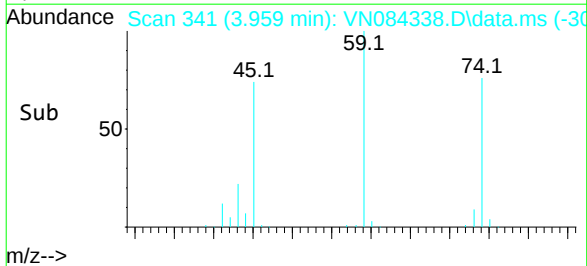
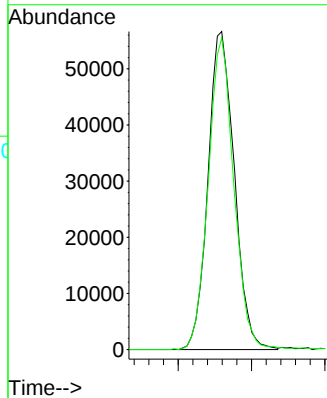
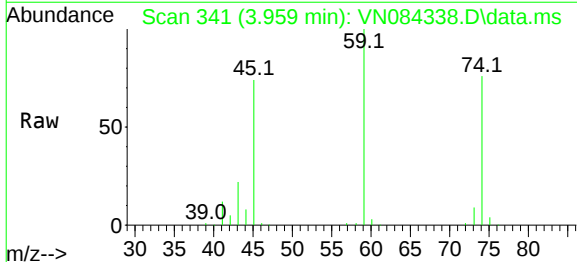
Manual Integrations
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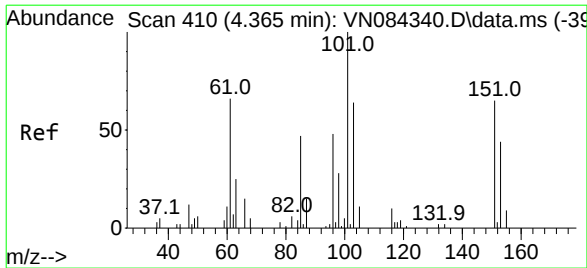
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024



#8
 Diethyl Ether
 Concen: 98.586 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN084338.D
 Acq: 08 Oct 2024 10:07

Tgt Ion: 74 Resp: 141064
 Ion Ratio Lower Upper
 74 100
 45 94.9 19.2 173.2





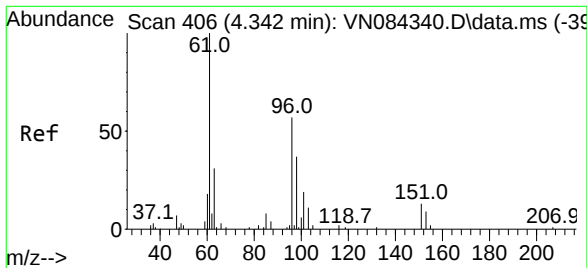
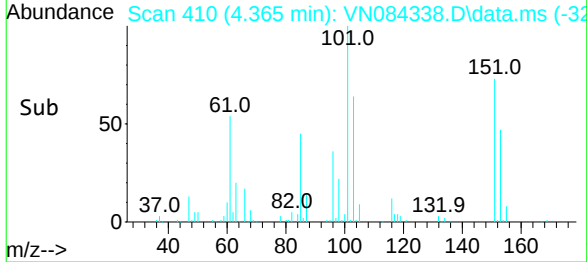
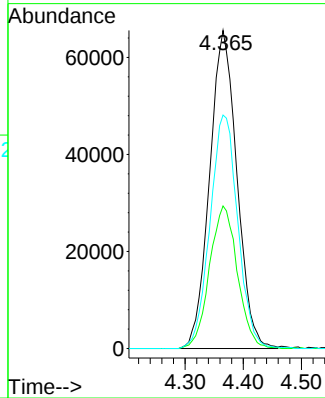
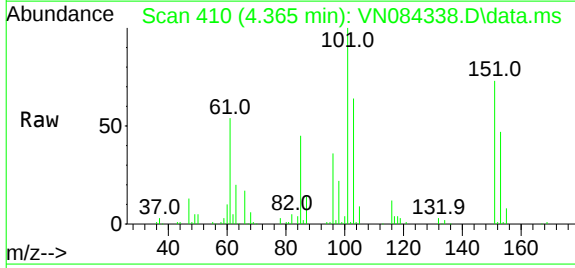
#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.714 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

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MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 101 Resp: 213828
Ion Ratio Lower Upper
101 100
85 45.7 0.0 93.6
151 74.8 0.0 151.8

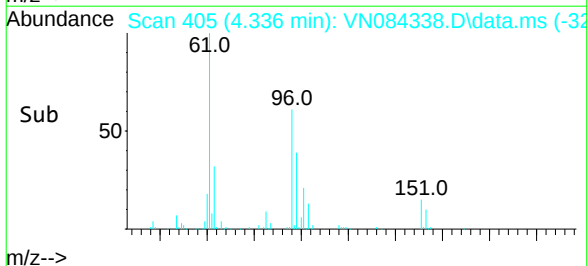
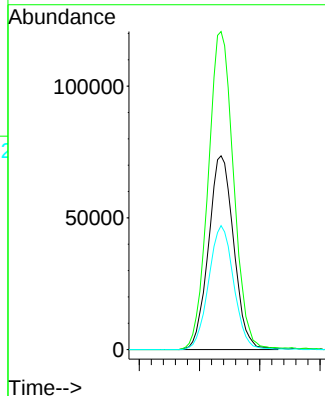
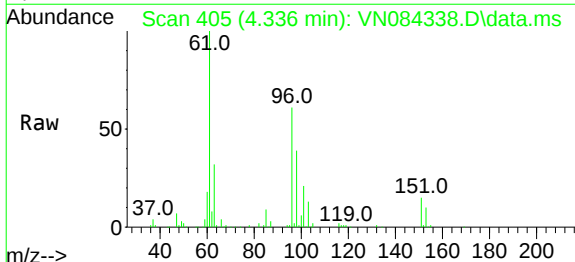
Manual Integrations
APPROVED

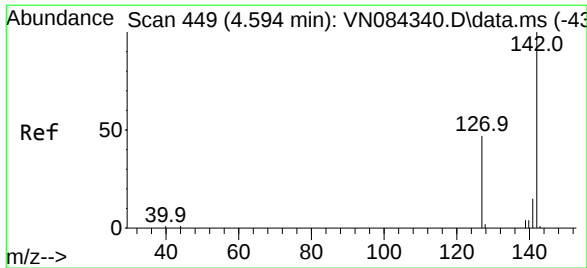
Reviewed By : John Carlone 10/09/2024
Supervised By : Mahesh Dadoda 10/09/2024



#10
1,1-Dichloroethene
Concen: 98.097 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

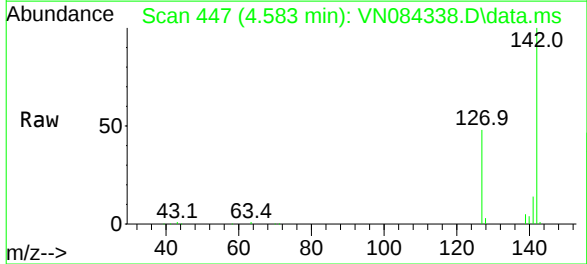
Tgt Ion: 96 Resp: 214197
Ion Ratio Lower Upper
96 100
61 164.1 140.8 211.2
98 64.0 52.2 78.2





#11
Methyl Iodide
Concen: 99.804 ug/l
RT: 4.583 min Scan# 44
Delta R.T. -0.012 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

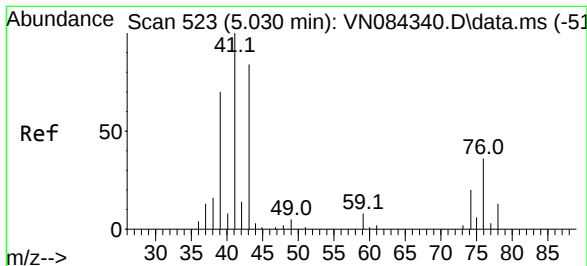
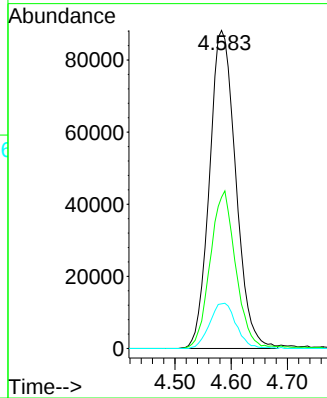
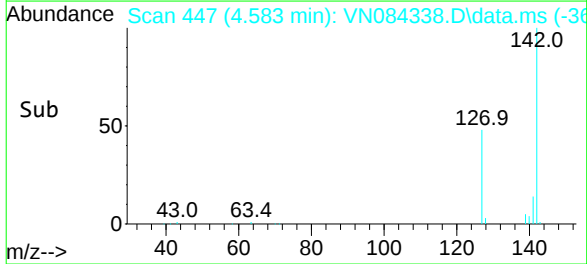
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 142 Resp: 286385
Ion Ratio Lower Upper
142 100
127 47.4 23.8 71.4
141 14.1 7.4 22.2

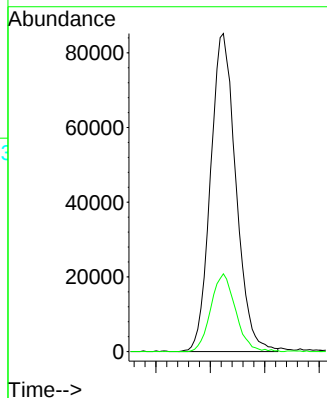
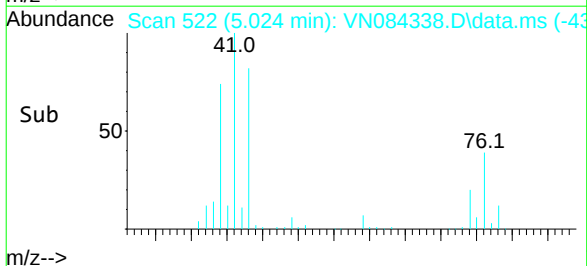
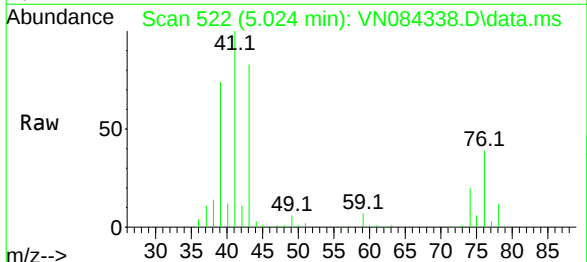
Manual Integrations
APPROVED

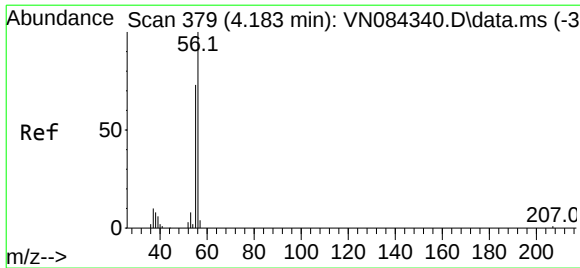
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#12
Methyl Acetate
Concen: 101.206 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

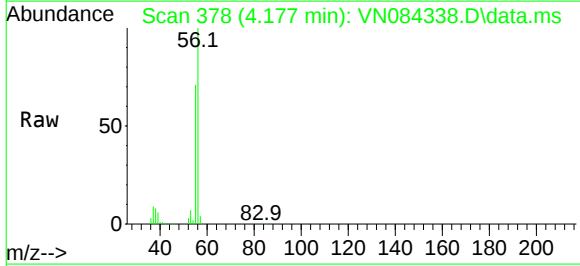
Tgt Ion: 43 Resp: 276654
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.2





#13
Acrolein
Concen: 518.323 ug/l
RT: 4.177 min Scan# 371
Delta R.T. -0.006 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

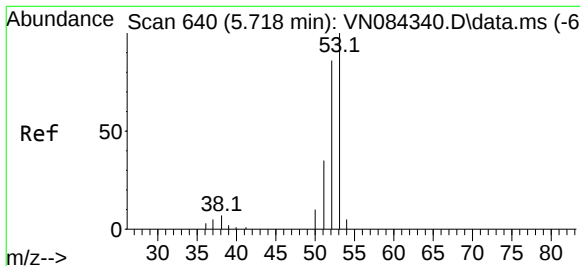
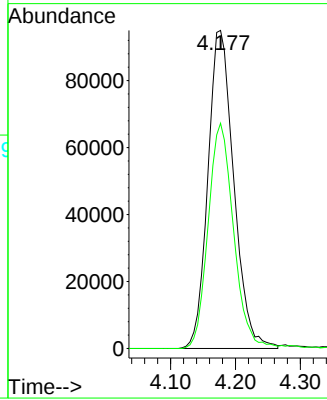
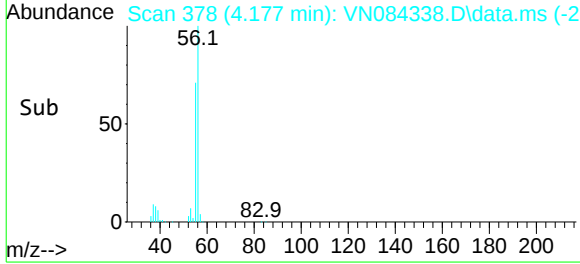
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 263202
Ion Ratio Lower Upper
56 100
55 69.3 56.4 84.6

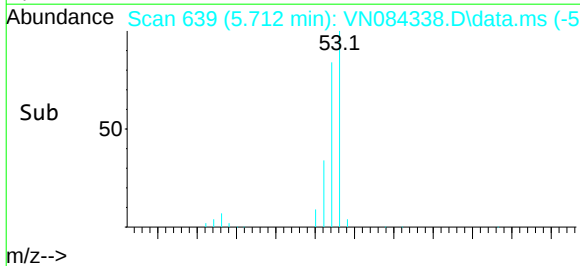
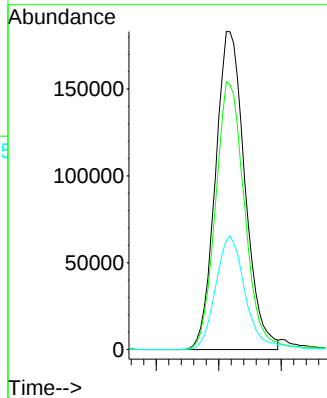
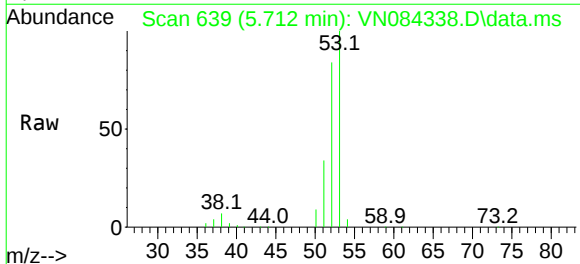
Manual Integrations
APPROVED

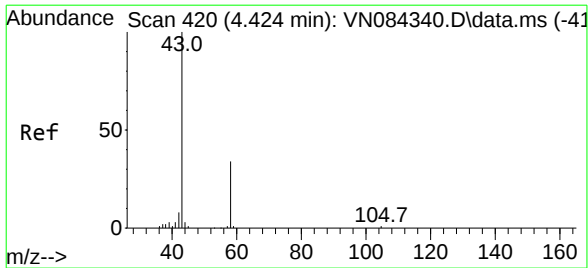
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#14
Acrylonitrile
Concen: 488.367 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

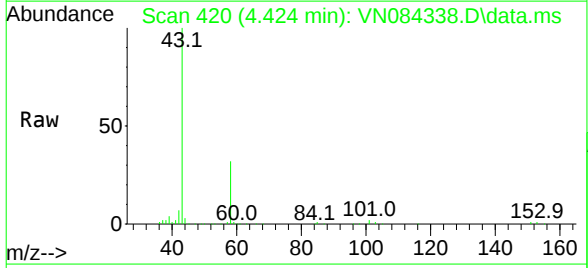
Tgt Ion: 53 Resp: 599763
Ion Ratio Lower Upper
53 100
52 83.2 40.4 121.2
51 36.0 17.8 53.4





#15
Acetone
Concen: 524.611 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

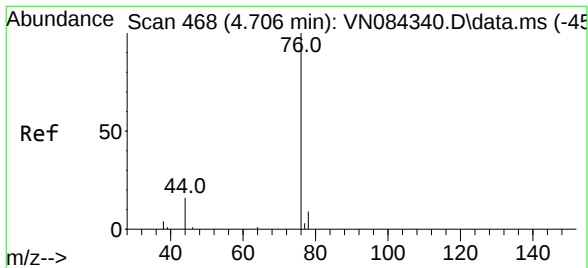
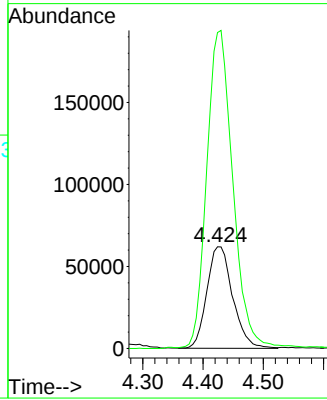
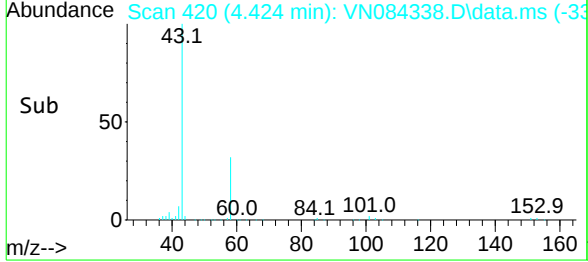
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



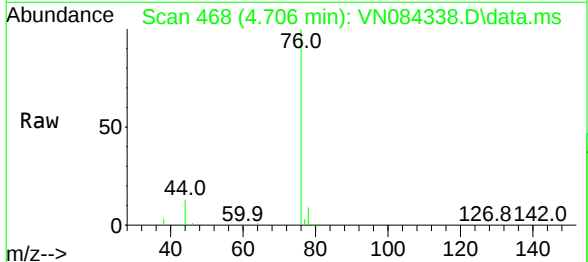
Tgt Ion: 58 Resp: 184044
Ion Ratio Lower Upper
58 100
43 310.9 237.5 356.3

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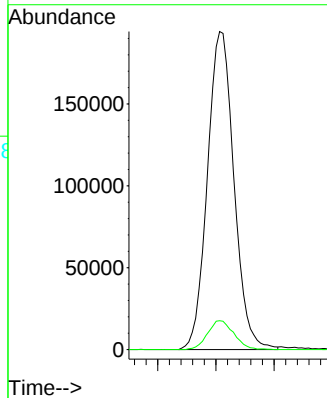
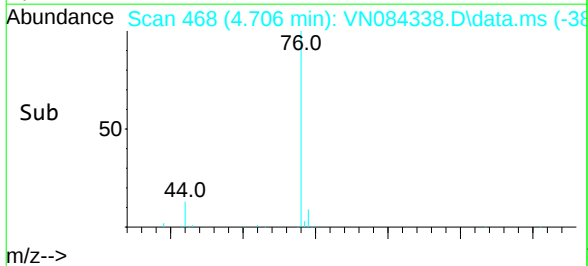
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

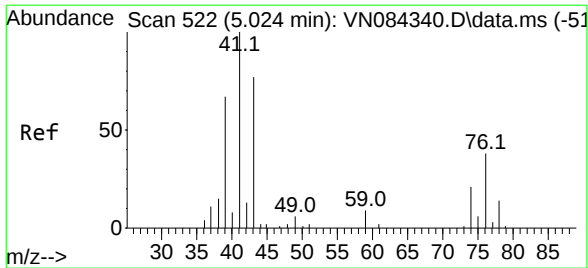


#16
Carbon Disulfide
Concen: 94.737 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07



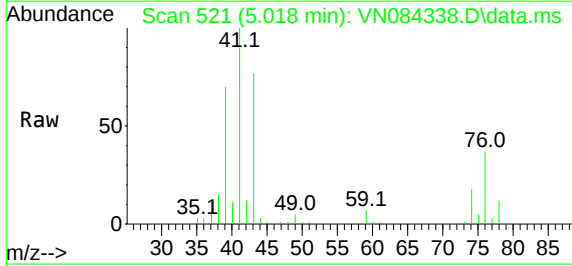
Tgt Ion: 76 Resp: 615999
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7





#17
 Allyl chloride
 Concen: 99.630 ug/l
 RT: 5.018 min Scan# 521
 Delta R.T. -0.006 min
 Lab File: VN084338.D
 Acq: 08 Oct 2024 10:07

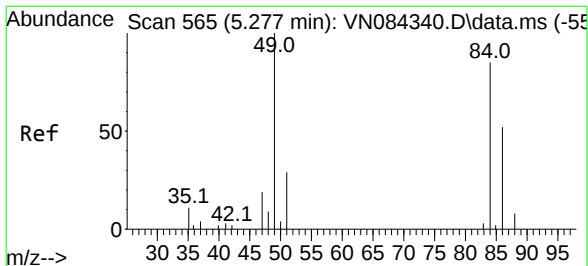
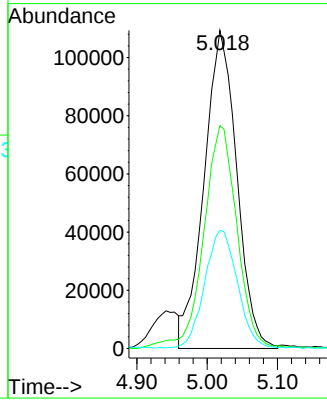
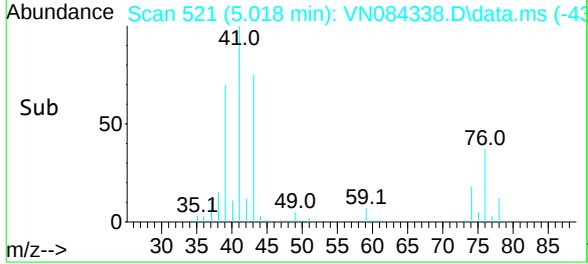
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



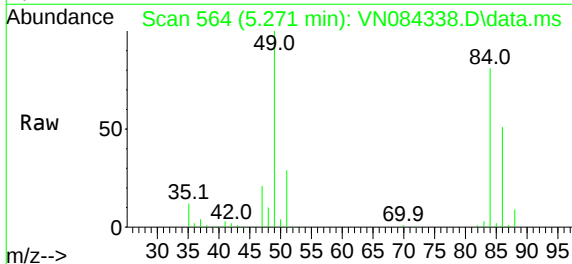
Tgt Ion: 41 Resp: 352646
 Ion Ratio Lower Upper
 41 100
 39 69.8 31.4 94.3
 76 37.2 17.8 53.5

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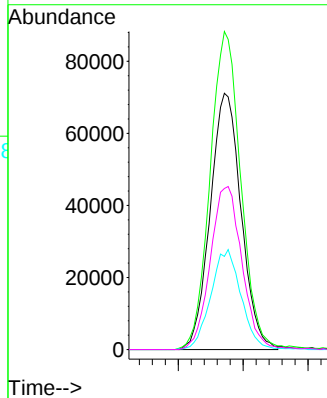
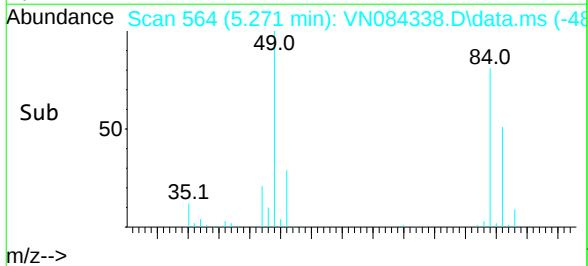
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024

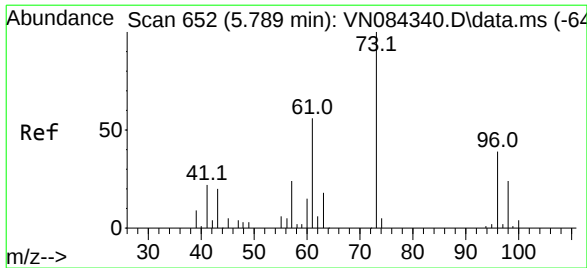


#18
 Methylene Chloride
 Concen: 95.730 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN084338.D
 Acq: 08 Oct 2024 10:07



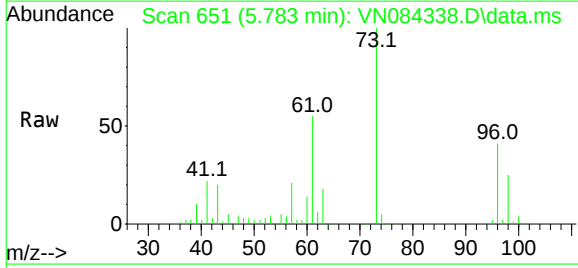
Tgt Ion: 84 Resp: 235470
 Ion Ratio Lower Upper
 84 100
 49 123.6 94.6 142.0
 51 36.1 27.3 40.9
 86 62.8 49.4 74.0





#19
trans-1,2-Dichloroethene
Concen: 97.266 ug/l
RT: 5.783 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

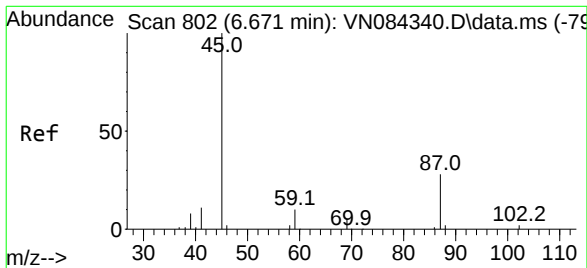
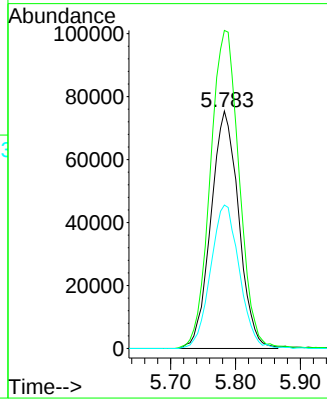
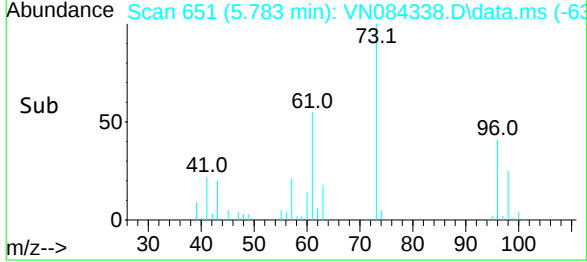
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 224774
Ion Ratio Lower Upper
96 100
61 133.7 115.8 173.6
98 60.4 49.4 74.0

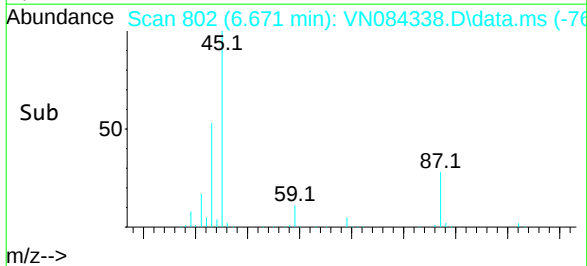
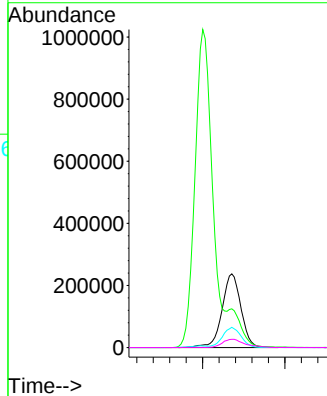
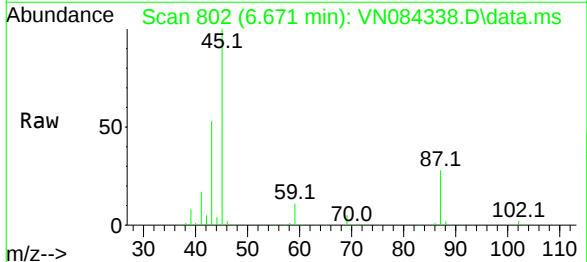
Manual Integrations
APPROVED

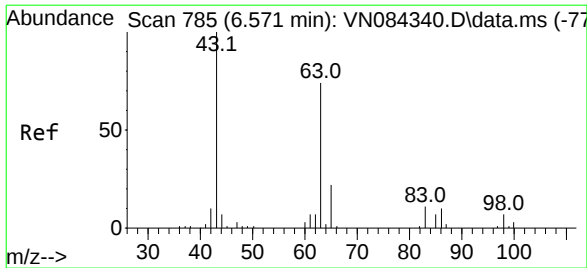
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#20
Diisopropyl ether
Concen: 99.640 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Tgt Ion: 45 Resp: 758291
Ion Ratio Lower Upper
45 100
43 51.9 43.7 65.5
87 27.4 23.1 34.7
59 11.1 8.2 12.4





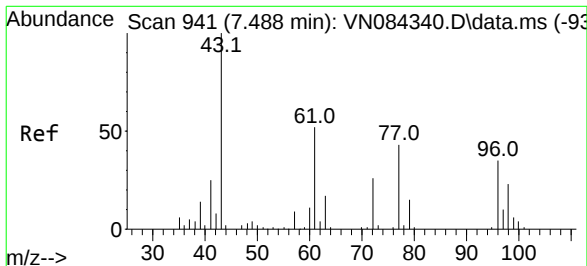
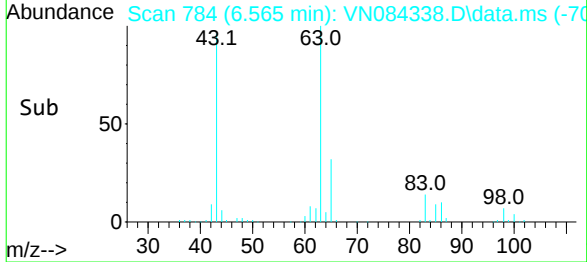
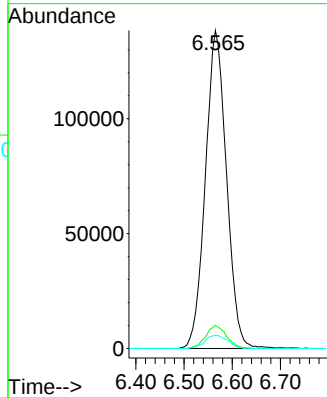
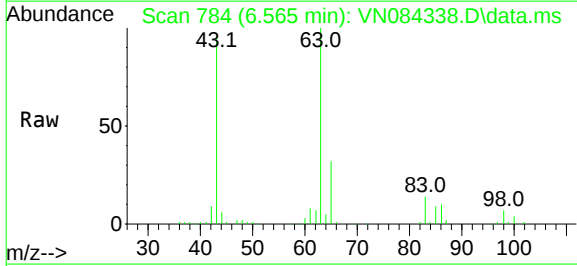
#21
1,1-Dichloroethane
Concen: 96.384 ug/l
RT: 6.565 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 420888
Ion Ratio Lower Upper
63 100
98 7.3 4.5 13.4
100 4.1 2.1 6.3

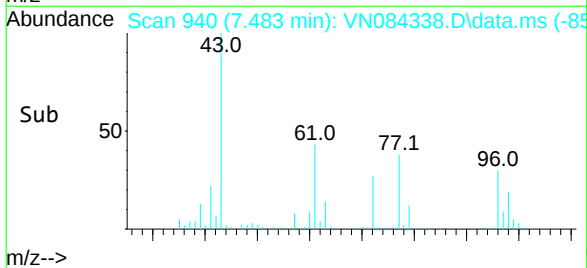
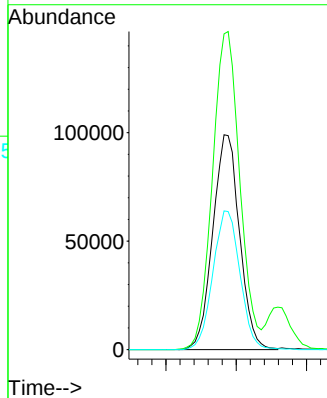
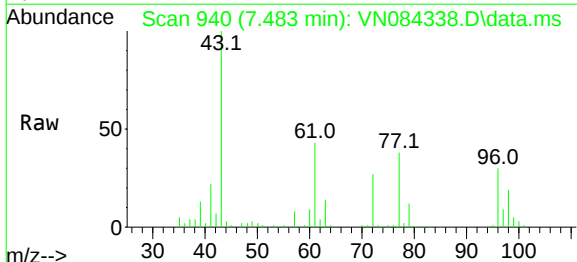
Manual Integrations
APPROVED

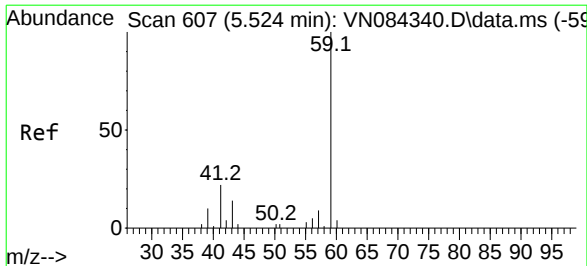
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#22
cis-1,2-Dichloroethene
Concen: 97.356 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

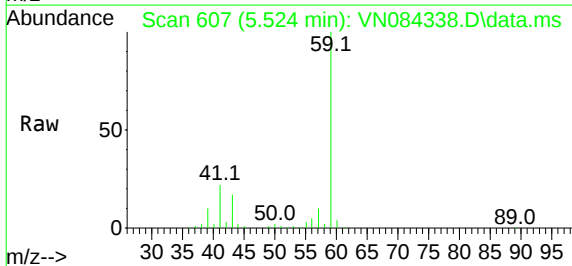
Tgt Ion: 96 Resp: 261797
Ion Ratio Lower Upper
96 100
61 151.3 118.0 177.0
98 65.3 51.8 77.8





#23
tert-Butyl Alcohol
Concen: 504.229 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

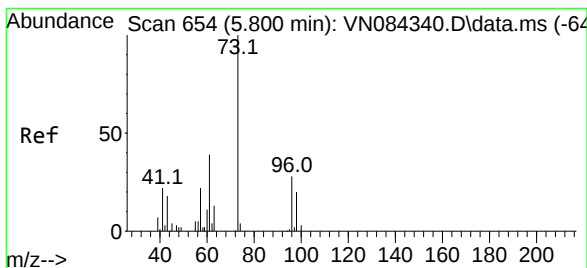
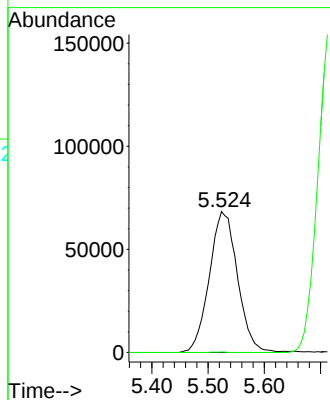
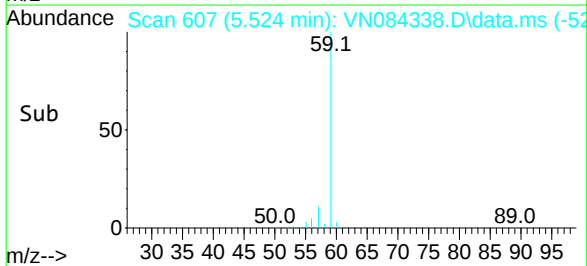
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 59 Resp: 237527
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#

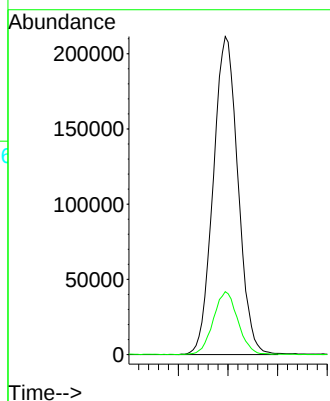
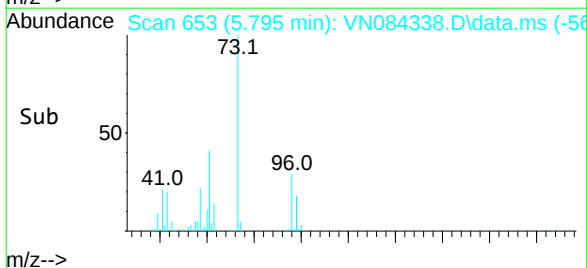
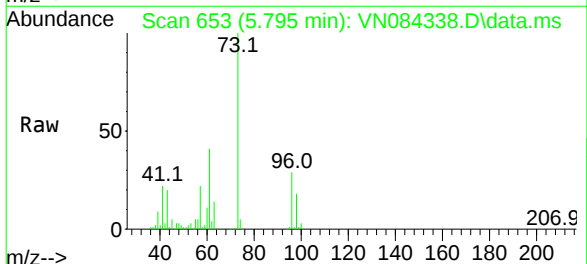
Manual Integrations
APPROVED

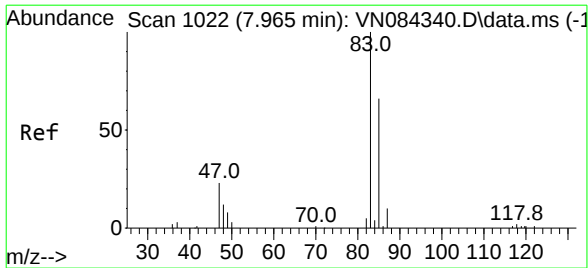
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#24
Methyl tert-Butyl Ether
Concen: 100.410 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Tgt Ion: 73 Resp: 732699
Ion Ratio Lower Upper
73 100
43 19.7 10.9 16.3#





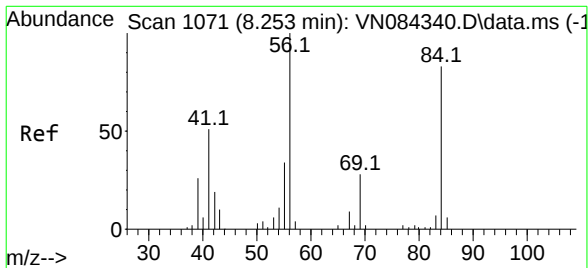
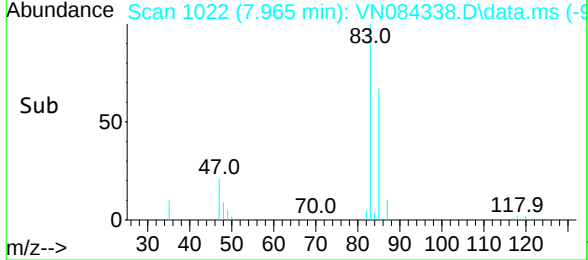
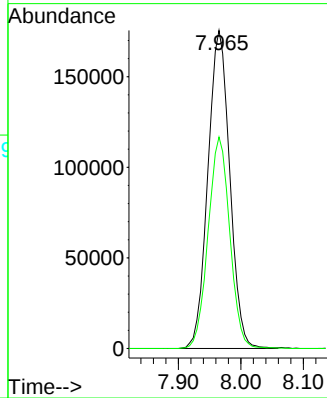
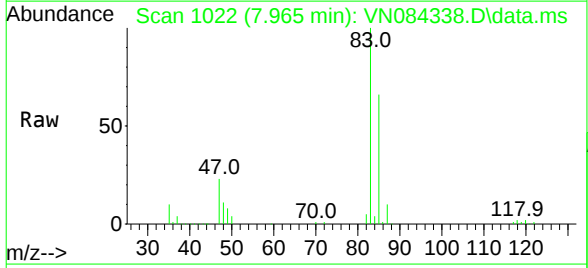
#25
 Chloroform
 Concen: 96.476 ug/l
 RT: 7.965 min Scan# 1022
 Delta R.T. 0.000 min
 Lab File: VN084338.D
 Acq: 08 Oct 2024 10:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:	83	Resp:	426680
Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.4	78.6

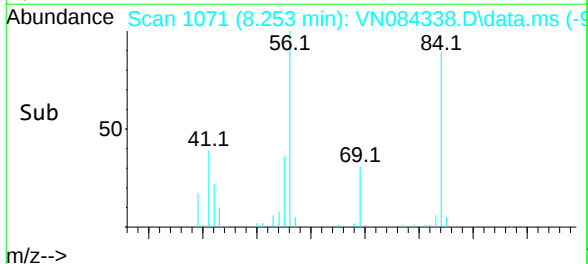
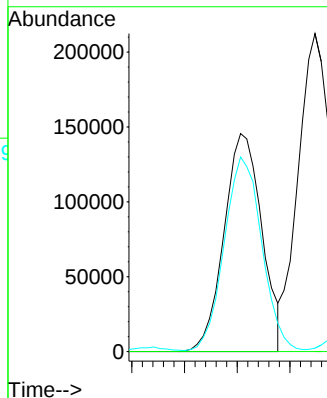
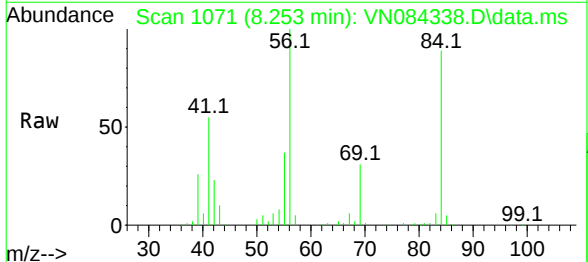
Manual Integrations
 APPROVED

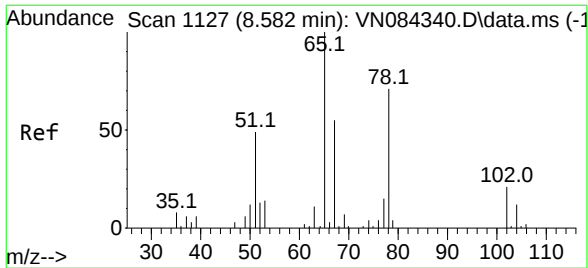
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024



#26
 Cyclohexane
 Concen: 99.442 ug/l
 RT: 8.253 min Scan# 1071
 Delta R.T. 0.000 min
 Lab File: VN084338.D
 Acq: 08 Oct 2024 10:07

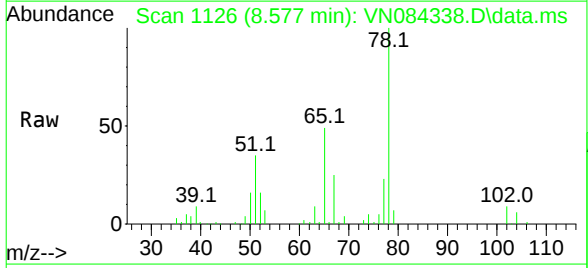
Tgt Ion:	56	Resp:	363184
Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	89.0	67.0	100.6





#27
1,2-Dichloroethane-d4
Concen: 30.048 ug/l
RT: 8.577 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

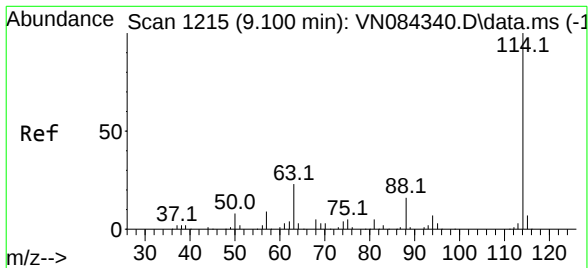
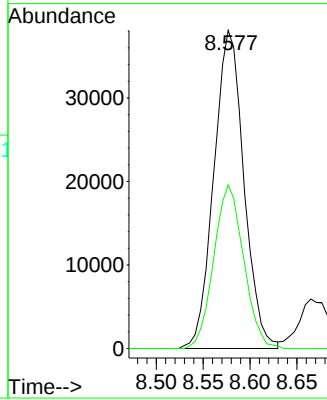
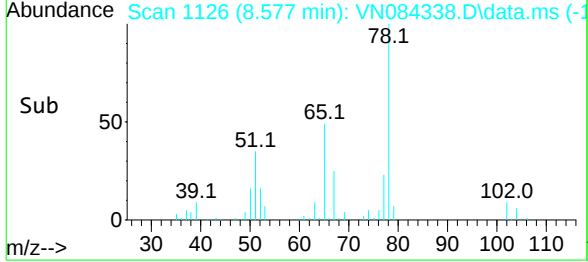
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



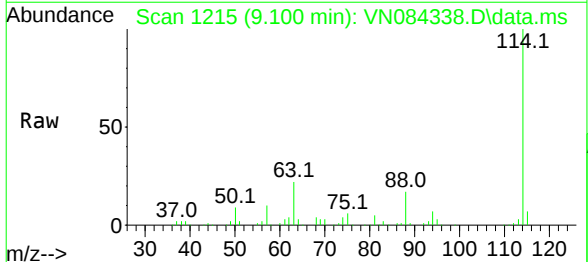
Tgt Ion: 65 Resp: 84835
Ion Ratio Lower Upper
65 100
67 51.1 41.5 62.3

Manual Integrations
APPROVED

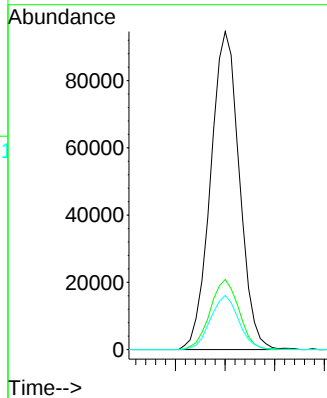
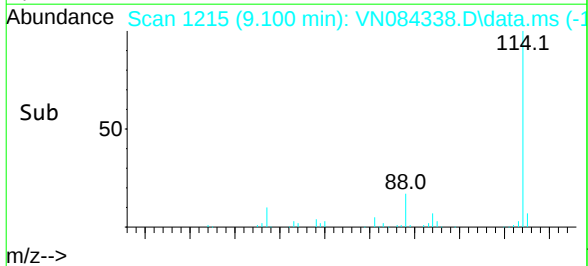
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

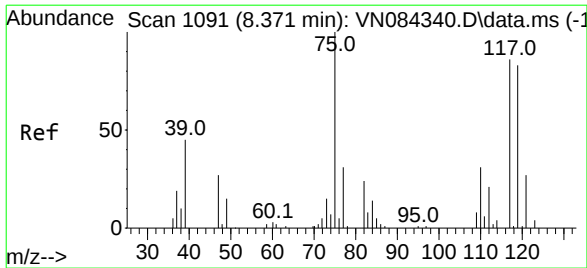


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07



Tgt Ion:114 Resp: 190456
Ion Ratio Lower Upper
114 100
63 22.1 17.4 26.0
88 16.6 13.2 19.8





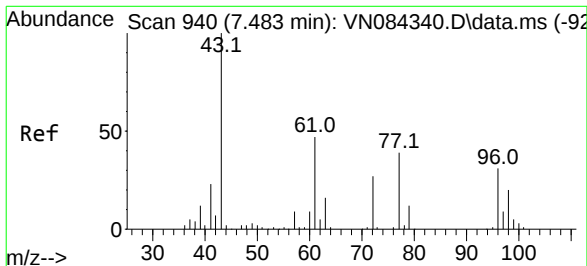
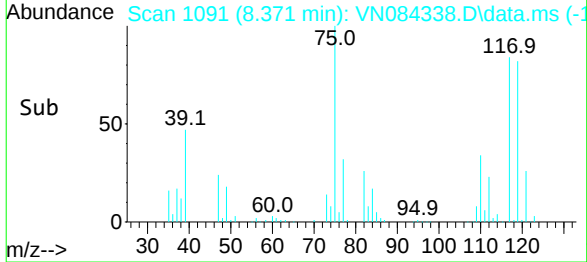
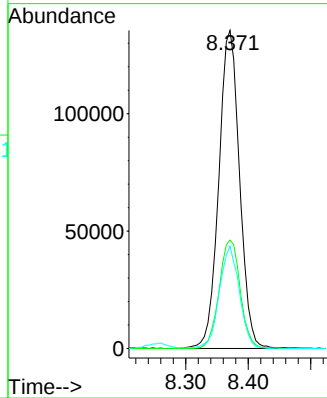
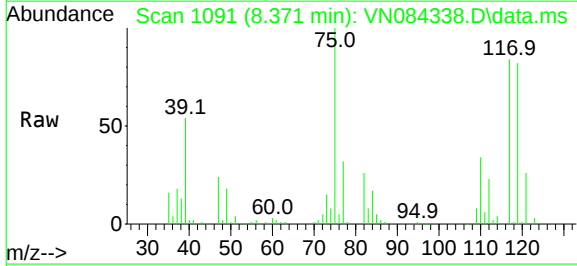
#29
1,1-Dichloropropene
Concen: 100.036 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 312760
Ion Ratio Lower Upper
75 100
110 34.6 0.0 67.6
77 31.2 0.0 61.4

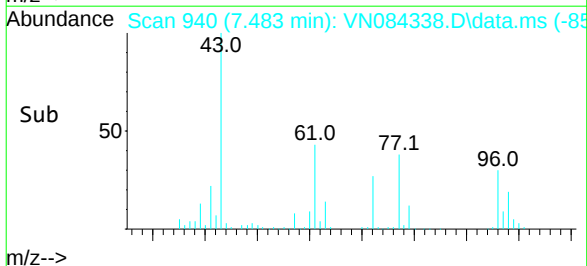
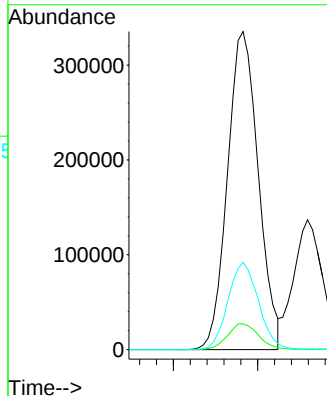
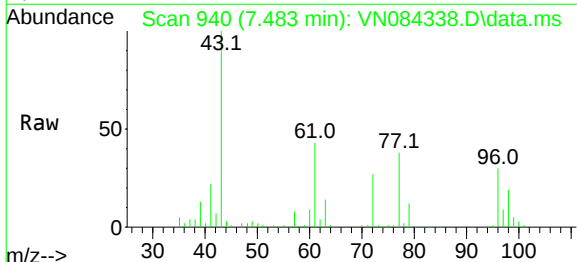
Manual Integrations
APPROVED

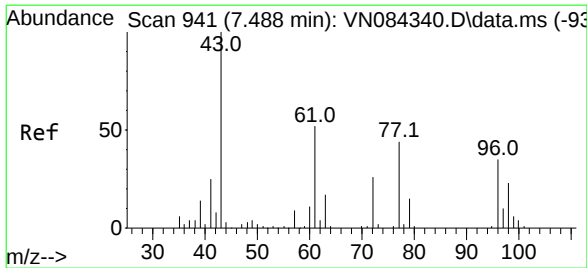
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#30
2-Butanone
Concen: 512.158 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Tgt Ion: 43 Resp: 852543
Ion Ratio Lower Upper
43 100
57 8.2 6.6 9.8
72 27.1 21.3 31.9





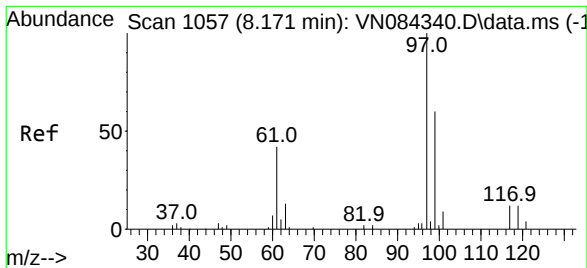
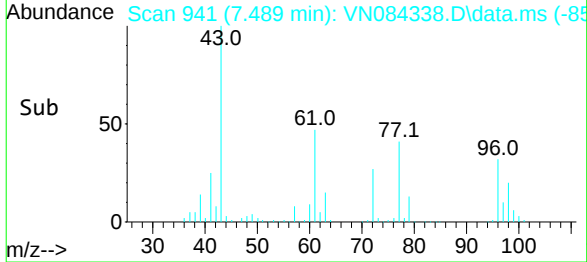
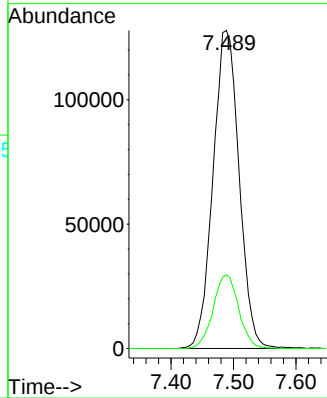
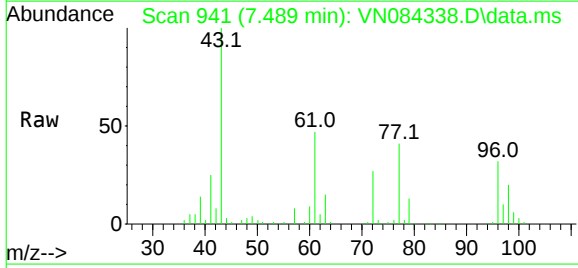
#31
2,2-Dichloropropane
Concen: 100.772 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 77 Resp: 370236
Ion Ratio Lower Upper
77 100
97 22.6 11.5 17.3#

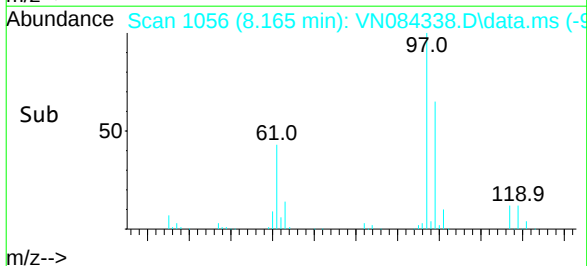
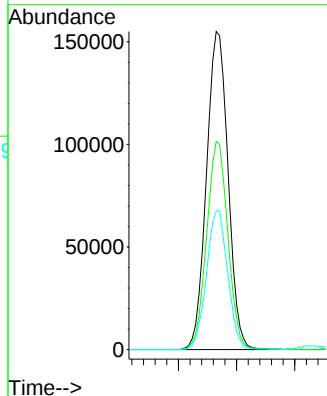
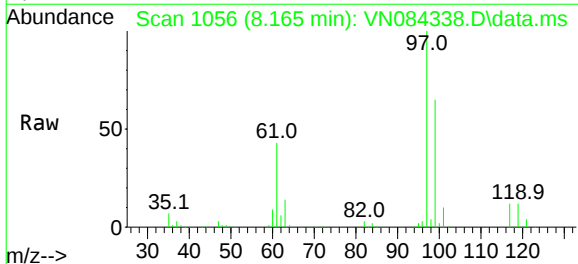
Manual Integrations
APPROVED

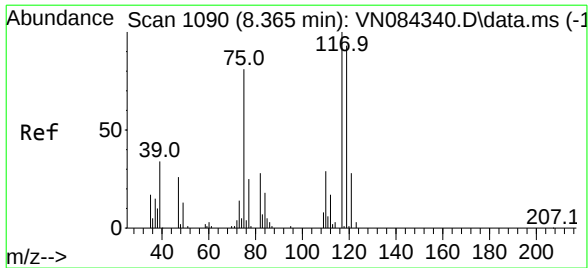
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#32
1,1,1-Trichloroethane
Concen: 99.955 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

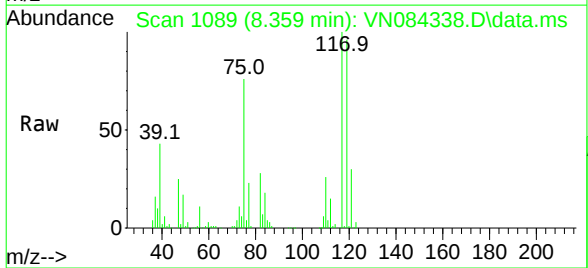
Tgt Ion: 97 Resp: 399456
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 43.0 34.1 51.1





#33
Carbon Tetrachloride
Concen: 100.397 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

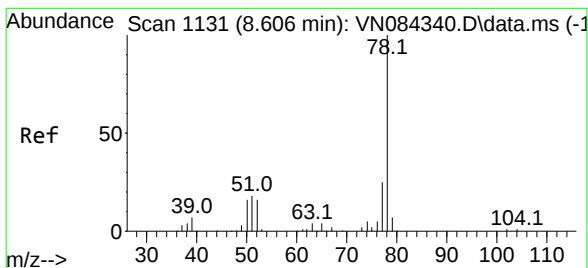
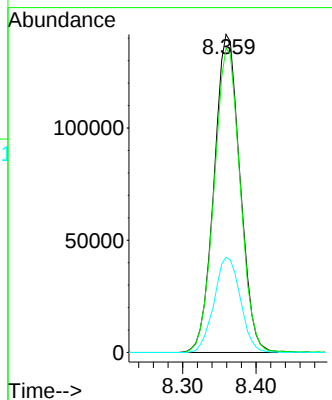
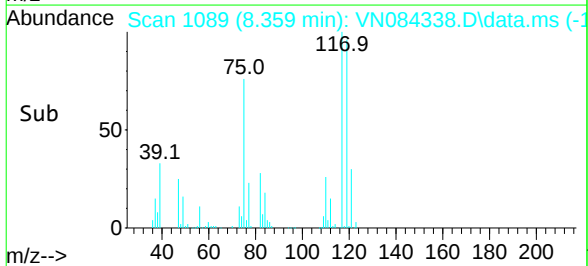


Tgt Ion: 117 Resp: 347588

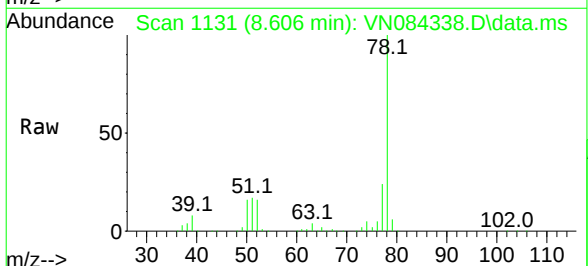
Ion	Ratio	Lower	Upper
117	100		
119	95.7	74.3	111.5
121	29.9	22.4	33.6

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

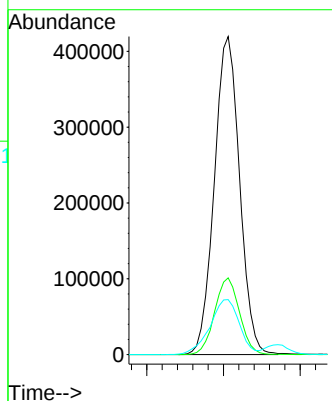
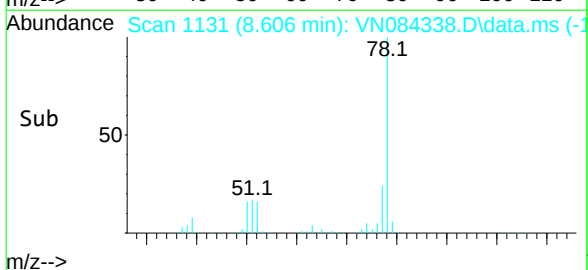


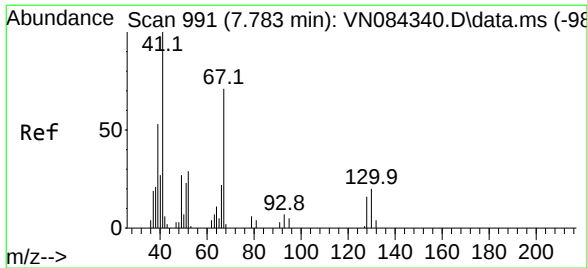
#34
Benzene
Concen: 98.185 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07



Tgt Ion: 78 Resp: 960915

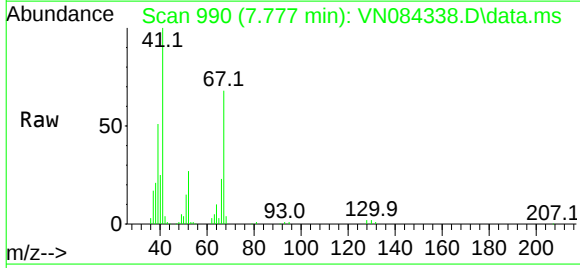
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.6	29.4
51	17.1	15.8	23.6





#35
Methacrylonitrile
Concen: 106.088 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

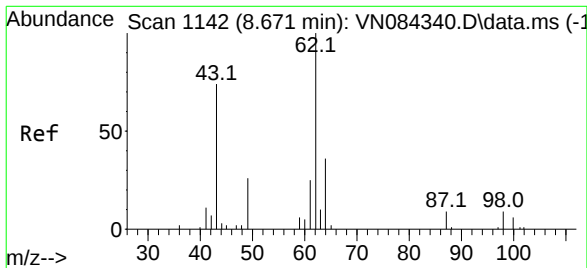
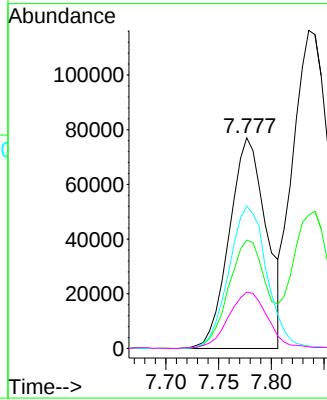
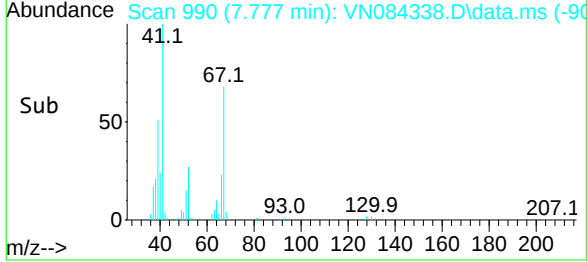
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 188397
Ion Ratio Lower Upper
41 100
39 51.5 26.4 79.0
67 67.7 35.7 107.1
52 26.8 14.5 43.5

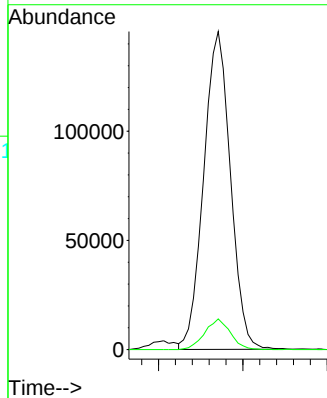
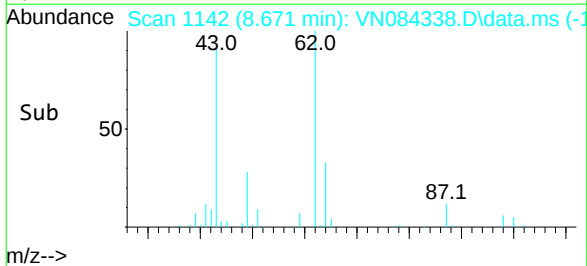
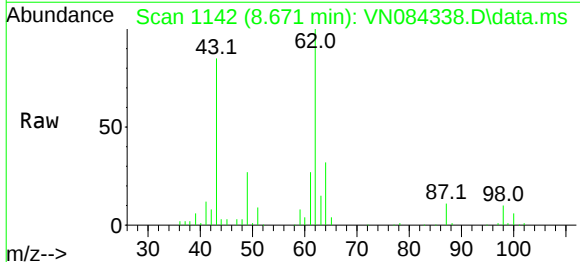
Manual Integrations
APPROVED

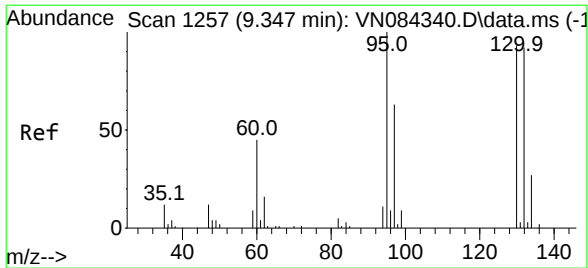
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#36
1,2-Dichloroethane
Concen: 98.324 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Tgt Ion: 62 Resp: 320751
Ion Ratio Lower Upper
62 100
98 9.2 7.3 10.9





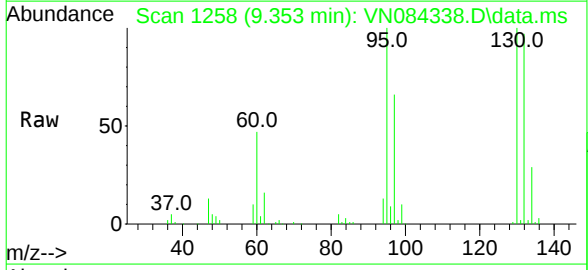
#37
 Trichloroethene
 Concen: 99.445 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. 0.006 min
 Lab File: VN084338.D
 Acq: 08 Oct 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

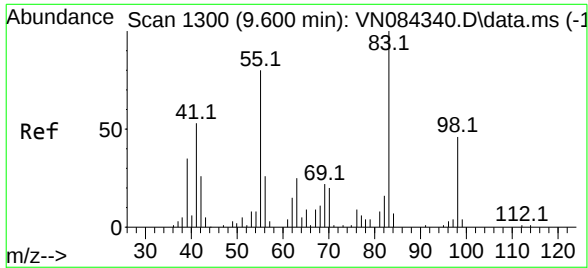
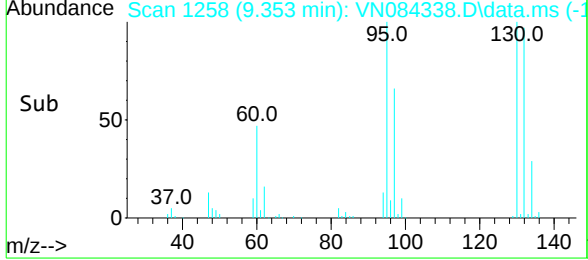
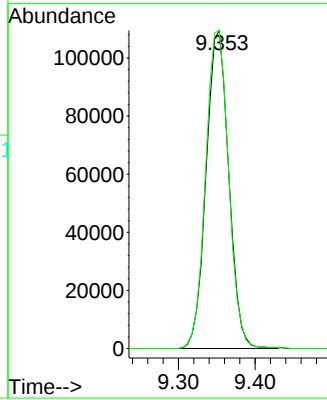


Tgt Ion: 130 Resp: 224110
 Ion Ratio Lower Upper
 130 100
 95 100.1 85.8 128.6

Manual Integrations

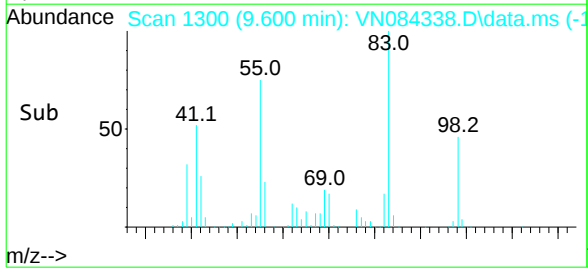
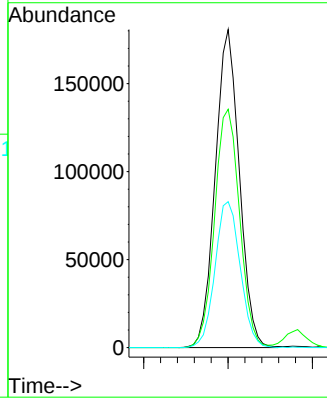
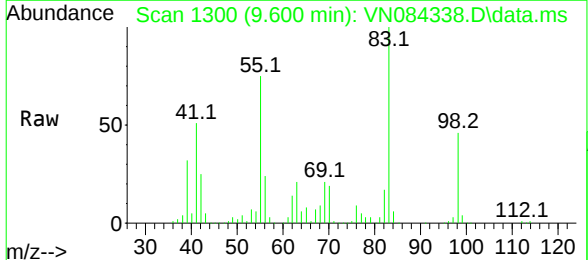
APPROVED

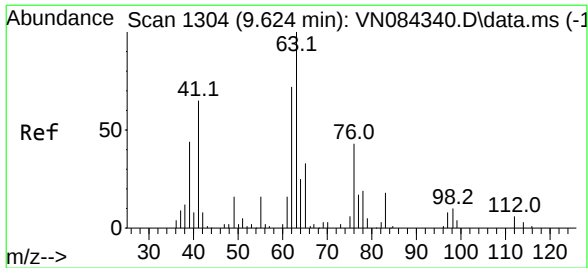
Reviewed By : John Carlone 10/09/2024
 Supervised By : Mahesh Dadoda 10/09/2024



#38
 Methylcyclohexane
 Concen: 104.567 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. 0.000 min
 Lab File: VN084338.D
 Acq: 08 Oct 2024 10:07

Tgt Ion: 83 Resp: 359108
 Ion Ratio Lower Upper
 83 100
 55 77.7 39.3 117.8
 98 48.0 24.0 72.0





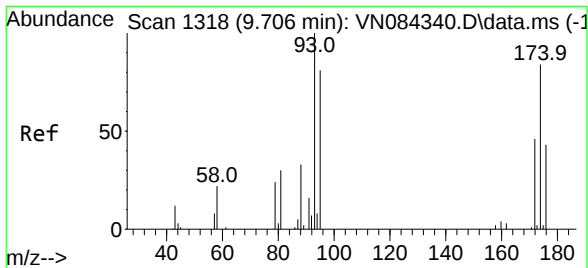
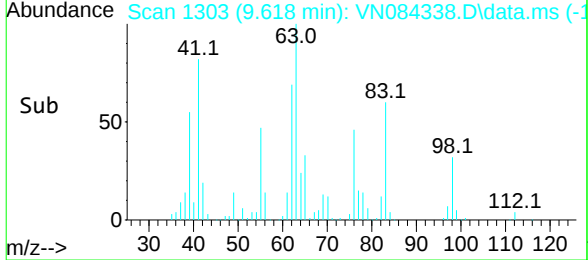
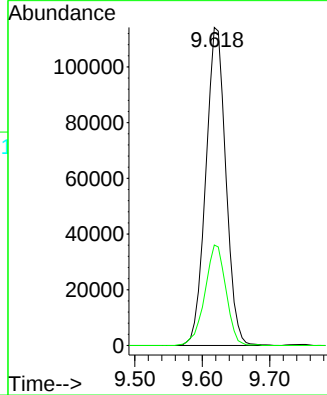
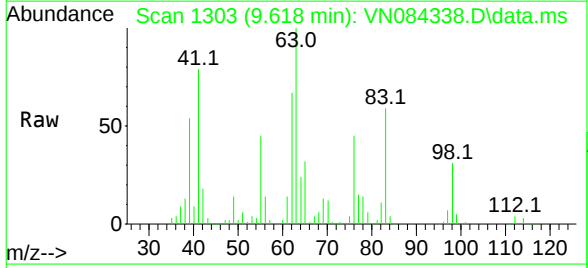
#39
1,2-Dichloropropane
Concen: 98.802 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 235798
Ion Ratio Lower Upper
63 100
65 31.6 26.3 39.5

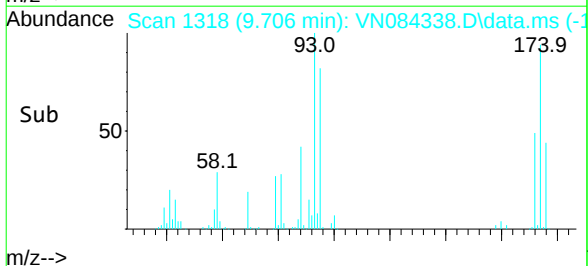
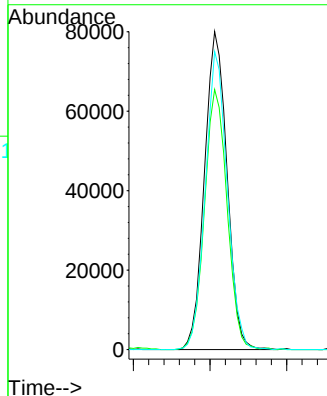
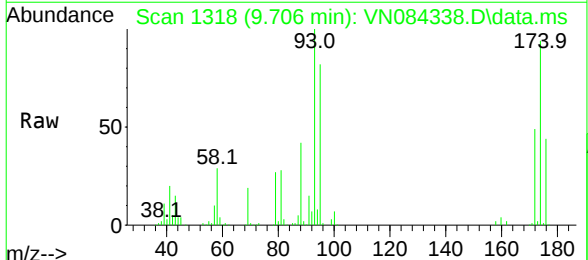
Manual Integrations
APPROVED

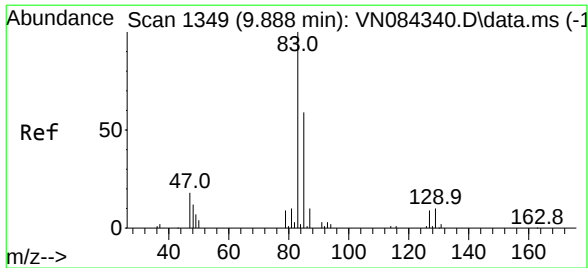
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#40
Dibromomethane
Concen: 97.960 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Tgt Ion: 93 Resp: 163396
Ion Ratio Lower Upper
93 100
95 81.8 0.0 171.4
174 91.3 0.0 183.0





#41
Bromodichloromethane
Concen: 99.048 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Instrument :

MSVOA_N

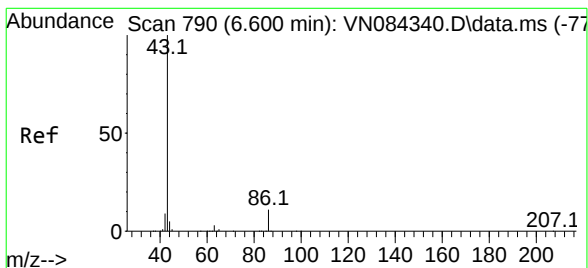
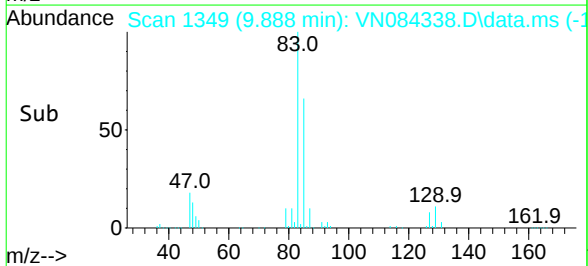
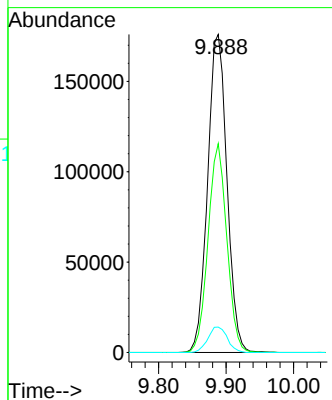
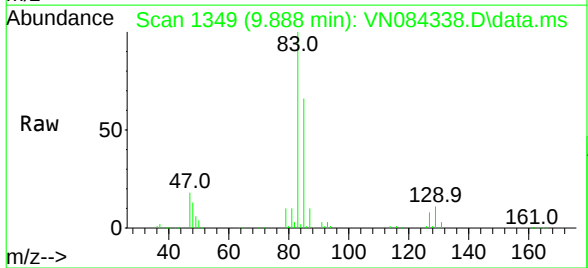
ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 350730
Ion Ratio Lower Upper
83 100
85 65.6 47.1 70.7
127 8.0 7.1 10.7

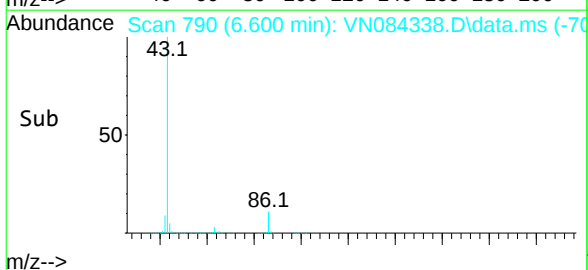
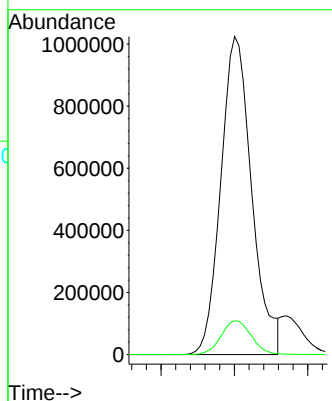
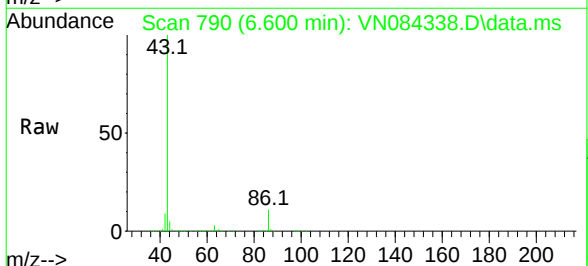
Manual Integrations
APPROVED

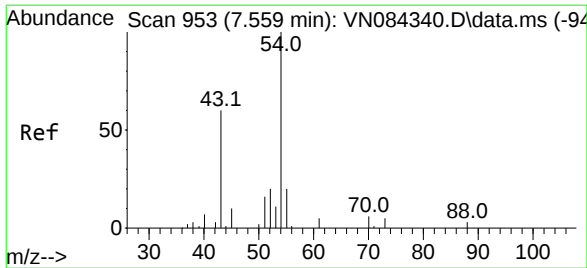
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#42
Vinyl Acetate
Concen: 517.998 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Tgt Ion: 43 Resp: 2998867
Ion Ratio Lower Upper
43 100
86 10.5 8.5 12.7





#43

Ethyl Acetate

Concen: 102.827 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.000 min

Lab File: VN084338.D

Acq: 08 Oct 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 337577

Ion Ratio Lower Upper

43 100

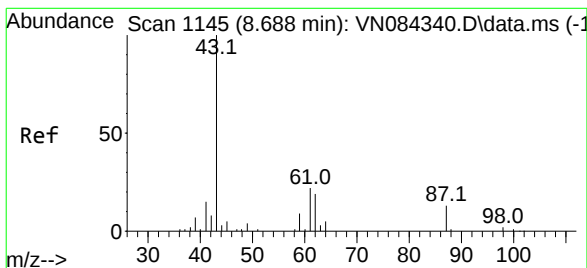
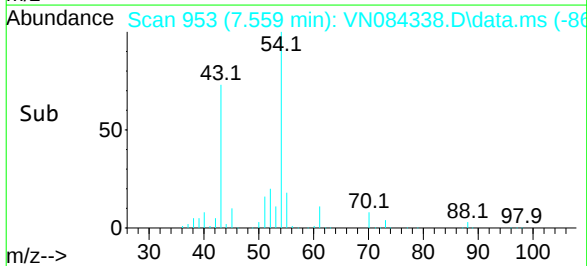
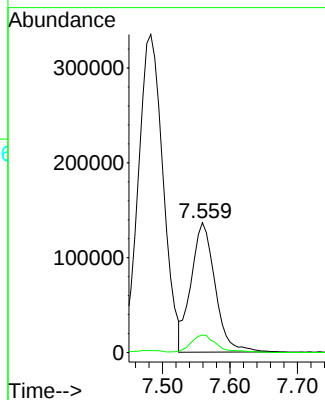
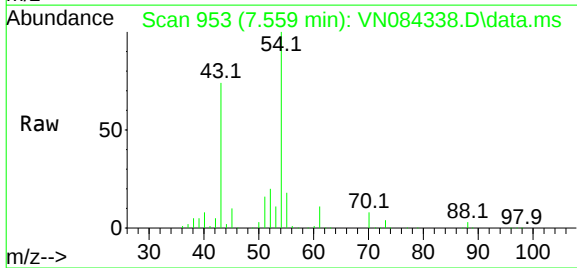
45 14.6 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#44

Isopropyl Acetate

Concen: 103.059 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084338.D

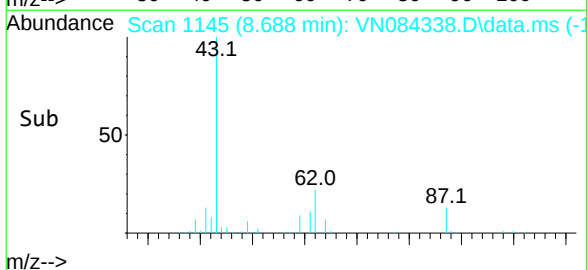
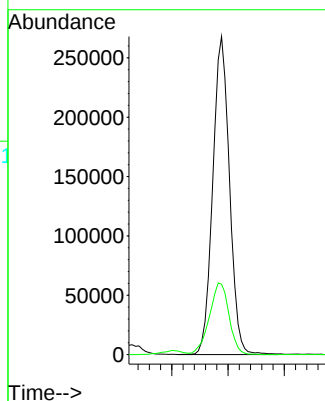
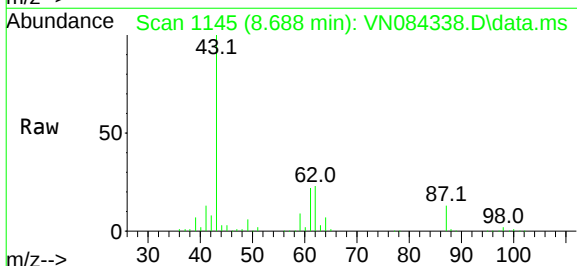
Acq: 08 Oct 2024 10:07

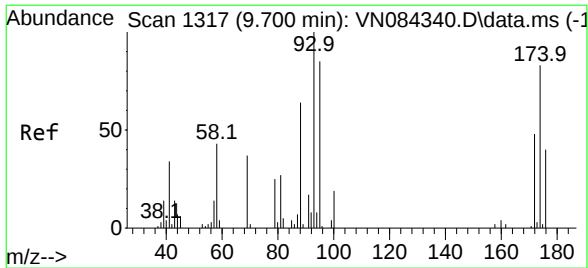
Tgt Ion: 43 Resp: 553772

Ion Ratio Lower Upper

43 100

61 26.5 21.4 32.2





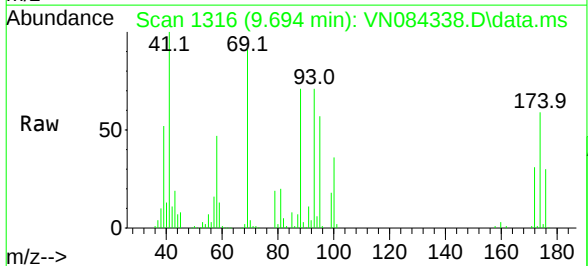
#45
 1,4-Dioxane
 Concen: 2116.681 ug/l
 RT: 9.694 min Scan# 1316
 Delta R.T. -0.006 min
 Lab File: VN084338.D
 Acq: 08 Oct 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

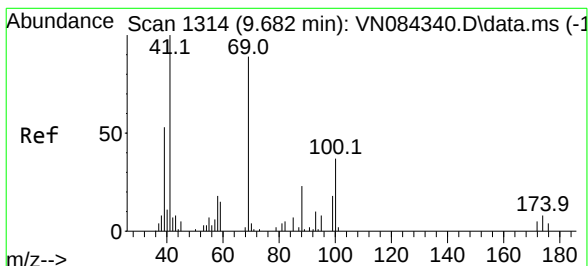
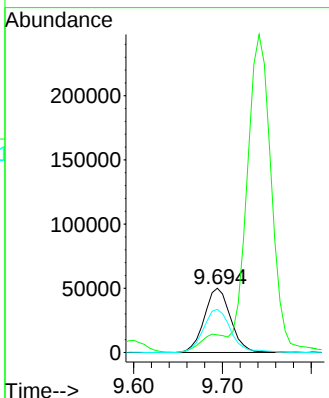
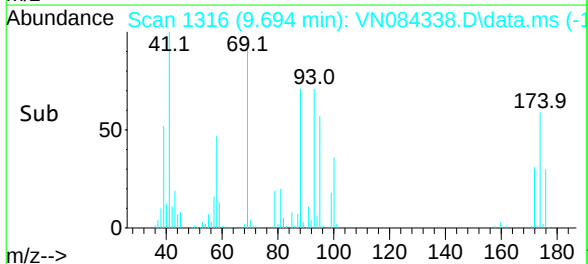
VSTDICC100



Tgt Ion: 88 Resp: 102529
 Ion Ratio Lower Upper
 88 100
 43 29.0 22.4 33.6
 58 68.9 59.7 89.5

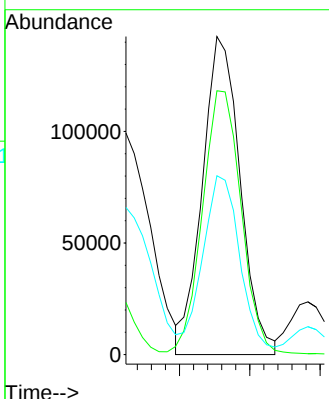
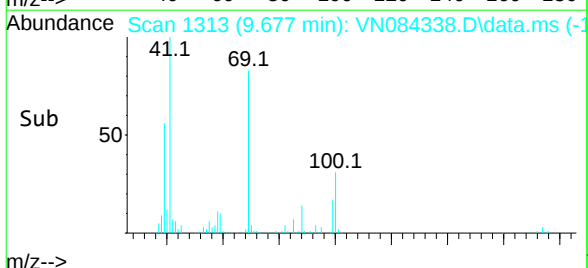
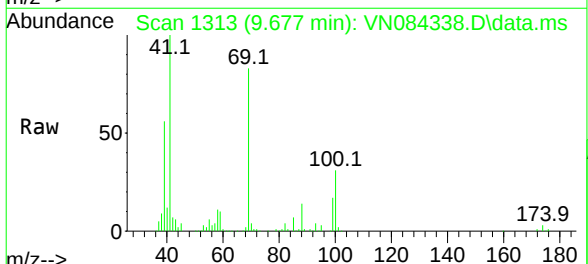
Manual Integrations
 APPROVED

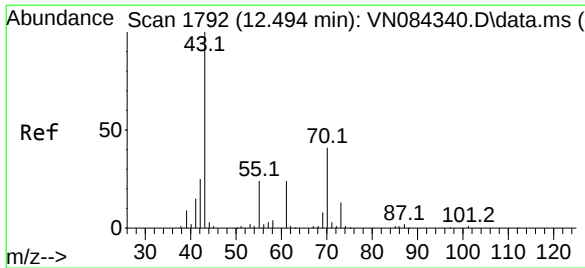
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024



#46
 Methyl methacrylate
 Concen: 102.653 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.006 min
 Lab File: VN084338.D
 Acq: 08 Oct 2024 10:07

Tgt Ion: 41 Resp: 266510
 Ion Ratio Lower Upper
 41 100
 69 85.3 42.6 128.0
 39 56.3 27.5 82.4





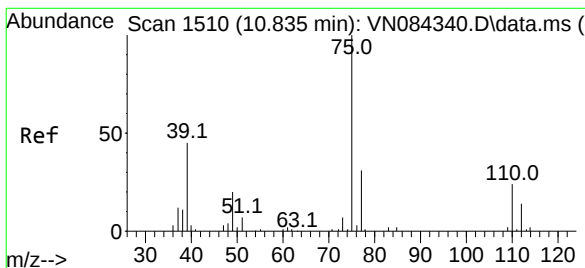
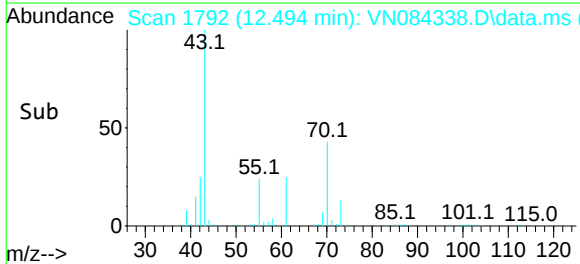
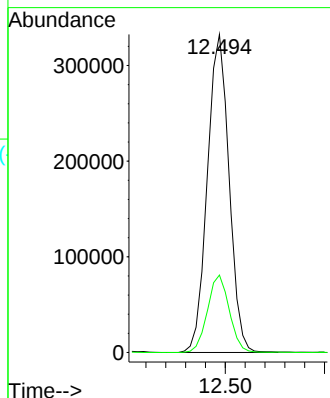
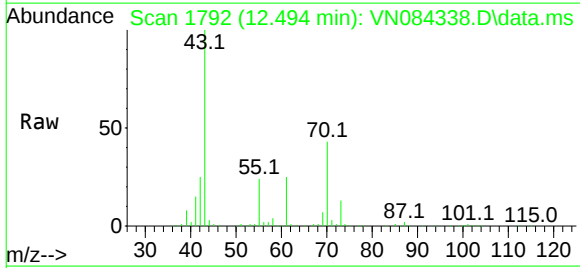
#47
n-amy1 Acetate
Concen: 105.767 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 505509
Ion Ratio Lower Upper
43 100
55 24.4 20.6 31.0

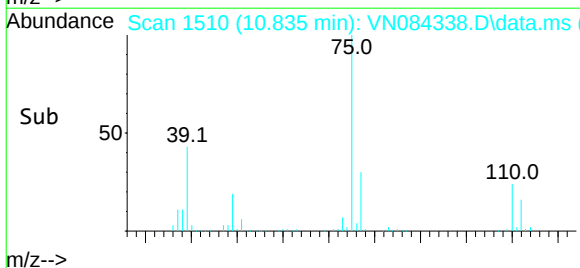
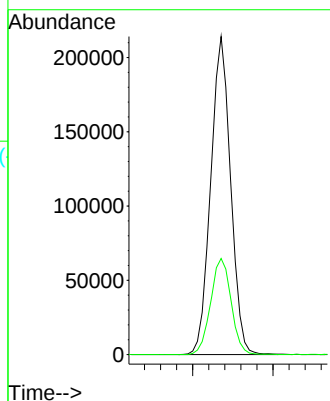
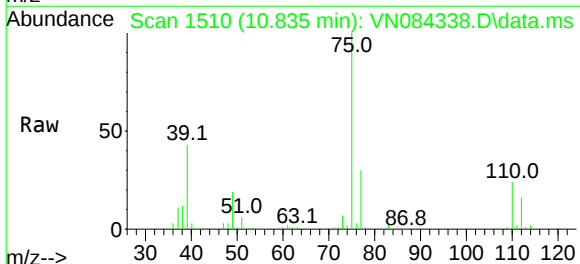
Manual Integrations
APPROVED

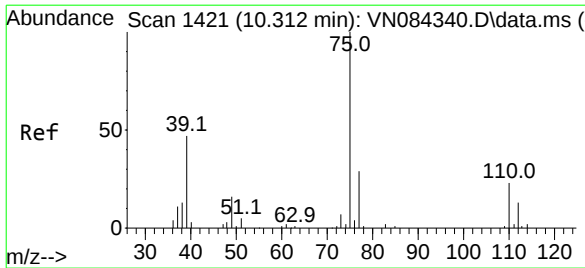
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#48
t-1,3-Dichloropropene
Concen: 100.723 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Tgt Ion: 75 Resp: 368556
Ion Ratio Lower Upper
75 100
77 30.2 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 102.004 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN084338.D

Acq: 08 Oct 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

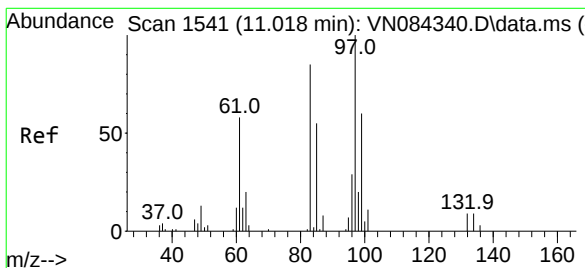
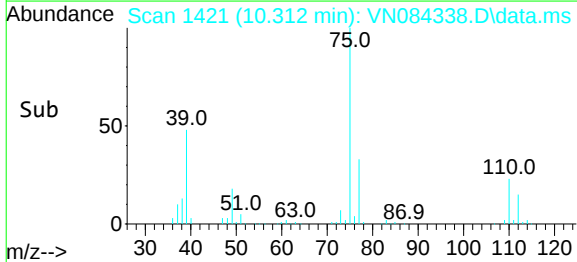
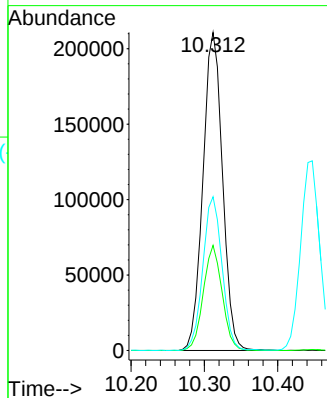
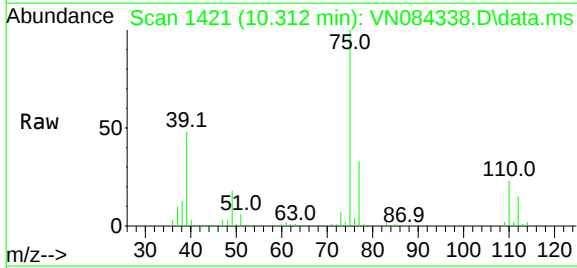
Tgt Ion:	75	Resp:	391167
Ion	Ratio	Lower	Upper
75	100		
77	33.1	22.9	34.3
39	48.3	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#50

1,1,2-Trichloroethane

Concen: 98.758 ug/l

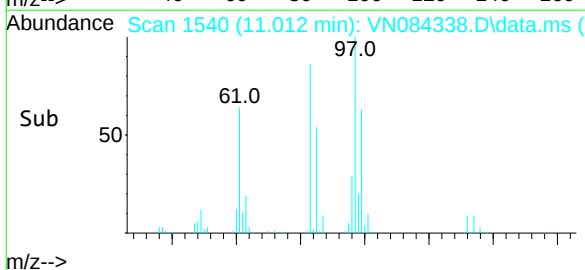
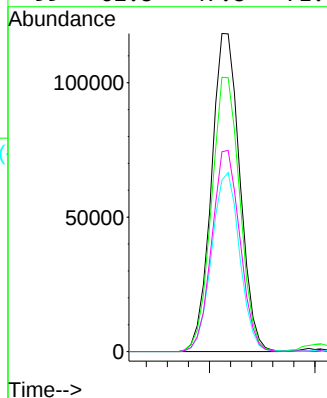
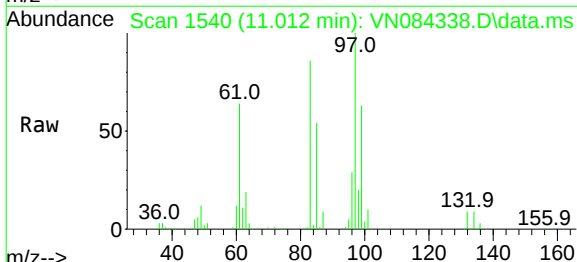
RT: 11.012 min Scan# 1540

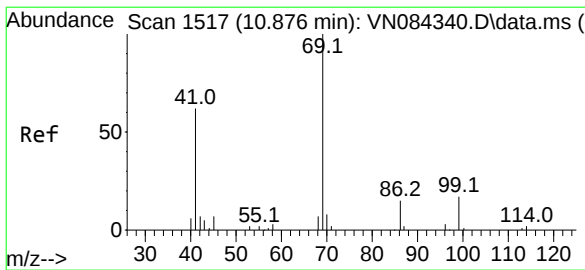
Delta R.T. -0.006 min

Lab File: VN084338.D

Acq: 08 Oct 2024 10:07

Tgt Ion:	97	Resp:	221414
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.8	101.8
85	53.9	44.2	66.2
99	62.8	47.8	71.8





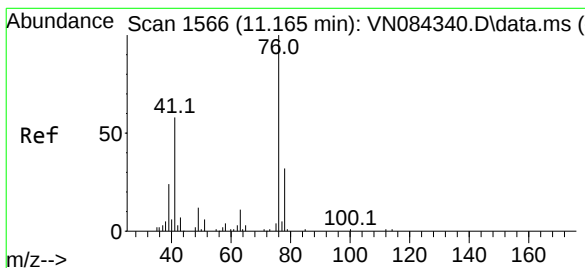
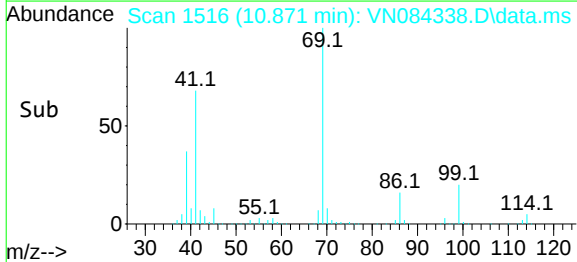
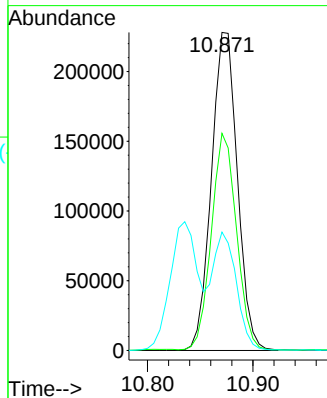
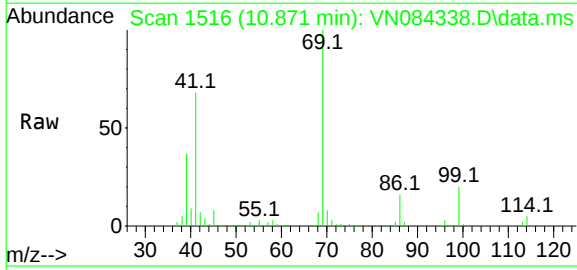
#51
Ethyl methacrylate
Concen: 105.601 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 69 Resp: 391063
Ion Ratio Lower Upper
69 100
41 68.0 30.9 92.7
39 37.0 16.6 49.7

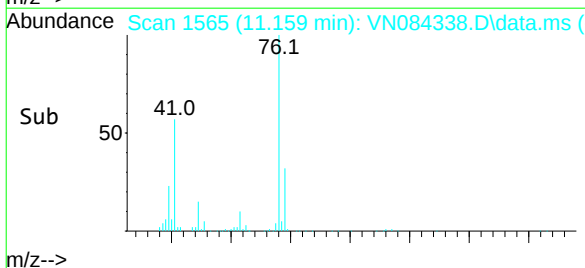
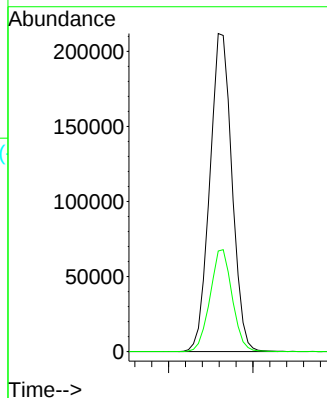
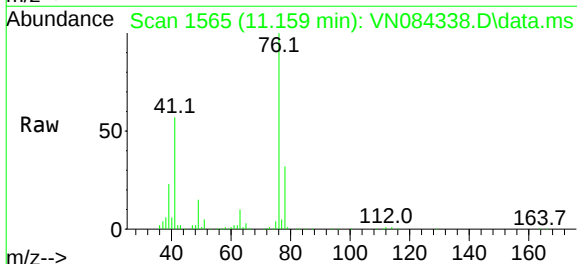
Manual Integrations
APPROVED

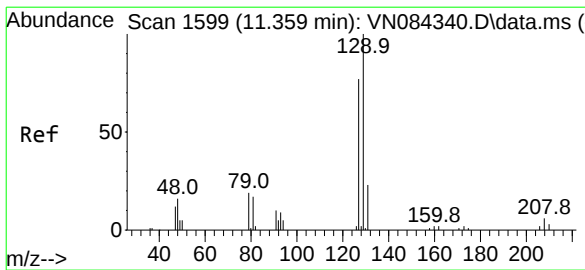
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#52
1,3-Dichloropropane
Concen: 98.740 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Tgt Ion: 76 Resp: 387077
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.2





#53

Dibromochloromethane

Concen: 99.925 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN084338.D

Acq: 08 Oct 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:129 Resp: 264647

Ion Ratio Lower Upper

129 100

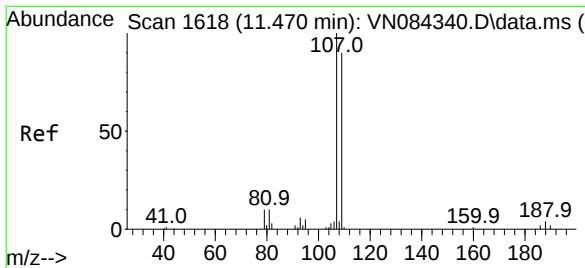
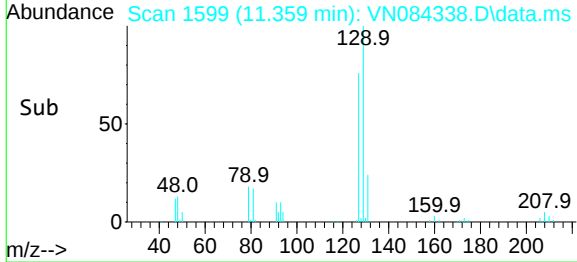
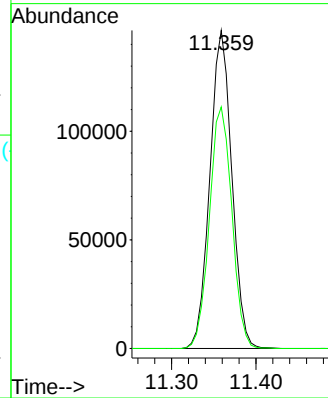
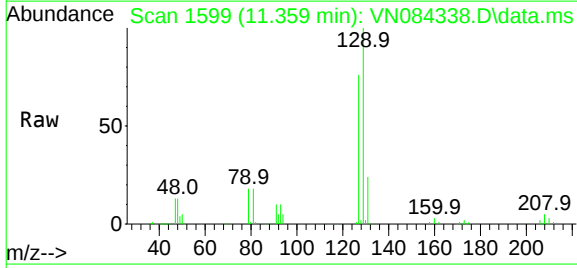
127 77.6 38.5 115.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#54

1,2-Dibromoethane

Concen: 99.892 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. -0.006 min

Lab File: VN084338.D

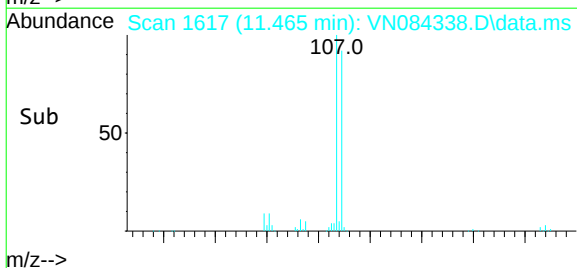
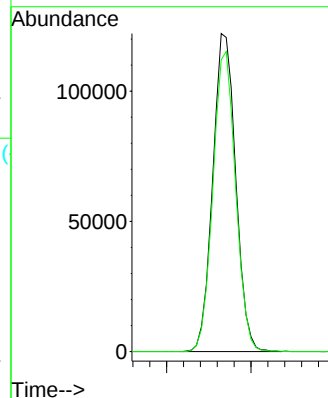
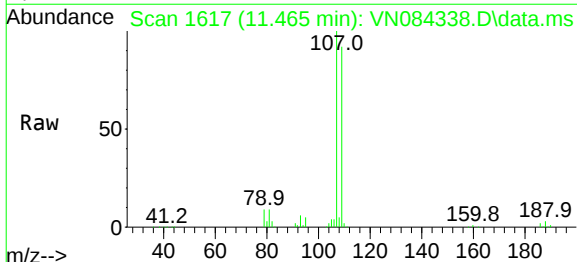
Acq: 08 Oct 2024 10:07

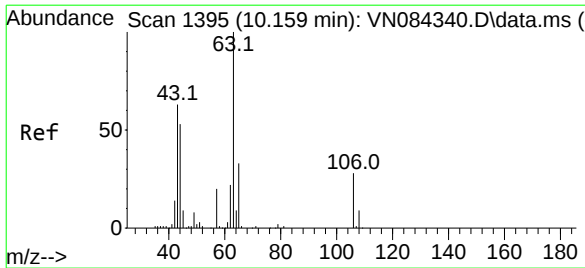
Tgt Ion:107 Resp: 230529

Ion Ratio Lower Upper

107 100

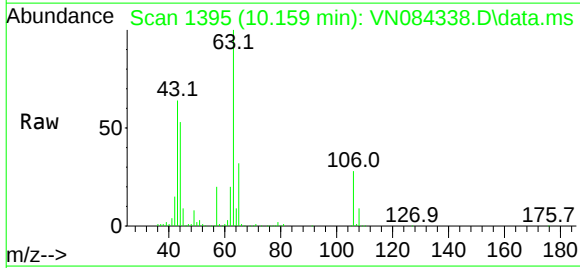
109 93.4 73.8 110.6





#55
2-Chloroethyl vinyl ether
Concen: 539.636 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

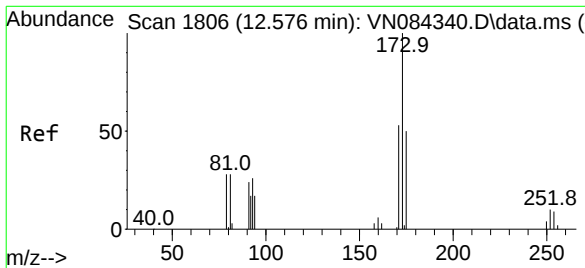
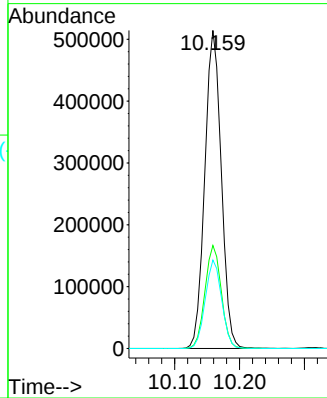
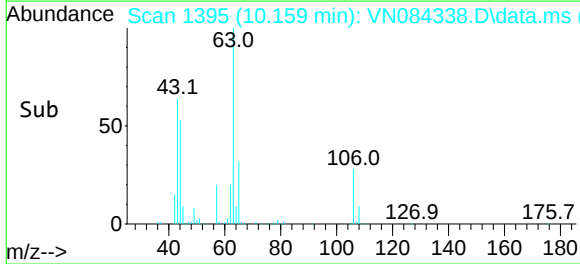
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 906371
Ion Ratio Lower Upper
63 100
65 32.1 25.6 38.4
106 27.7 21.6 32.4

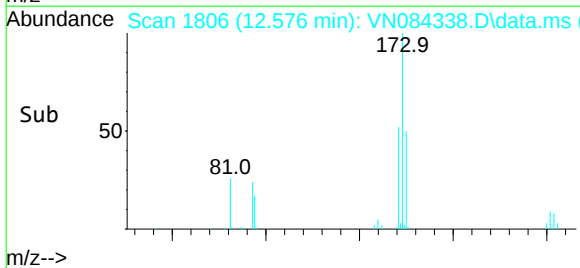
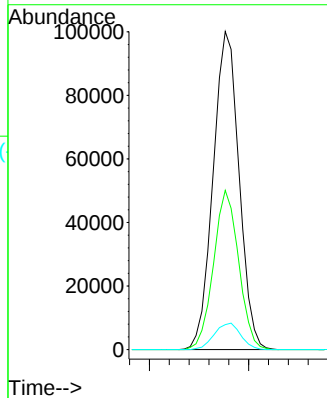
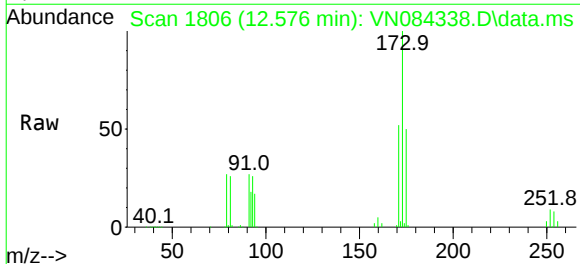
Manual Integrations
APPROVED

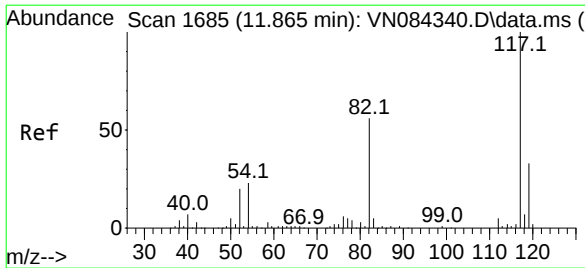
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#56
Bromoform
Concen: 103.603 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

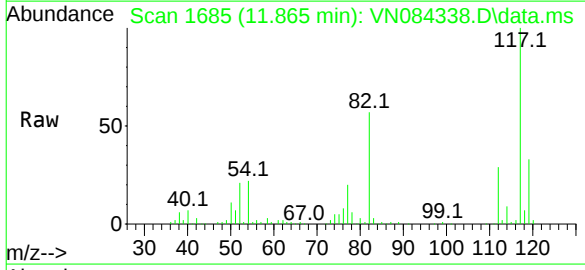
Tgt Ion:173 Resp: 181985
Ion Ratio Lower Upper
173 100
175 48.4 39.4 59.2
254 8.5 6.8 10.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

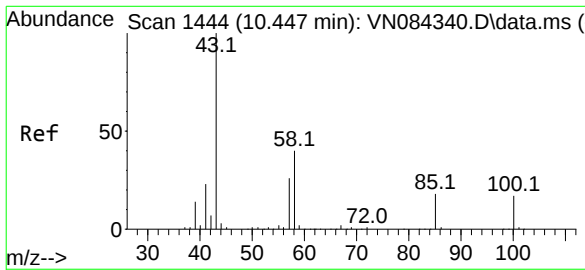
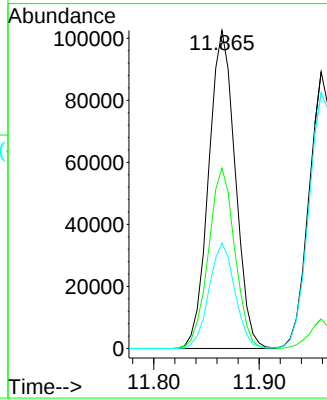
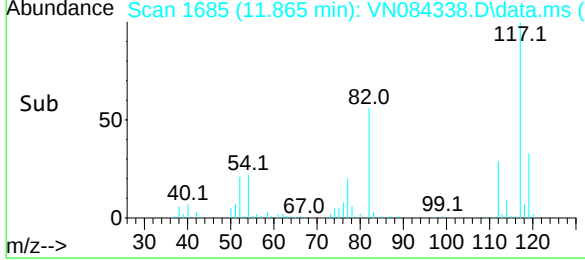
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



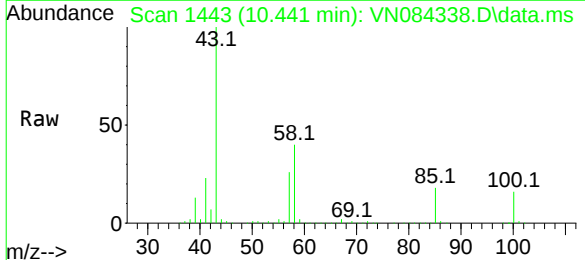
Tgt Ion: 117 Resp: 179975
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 32.3 25.4 38.2

Manual Integrations
APPROVED

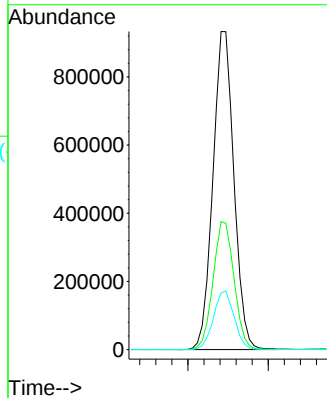
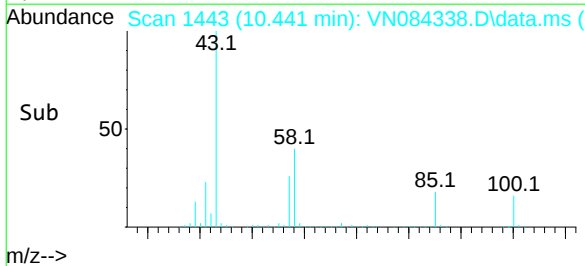
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

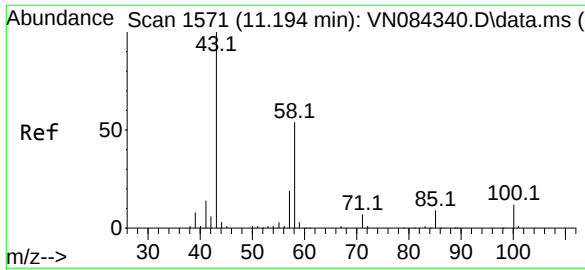


#58
4-Methyl-2-Pentanone
Concen: 505.272 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07



Tgt Ion: 43 Resp: 1693999
Ion Ratio Lower Upper
43 100
58 40.2 31.9 47.9
85 18.2 14.6 22.0





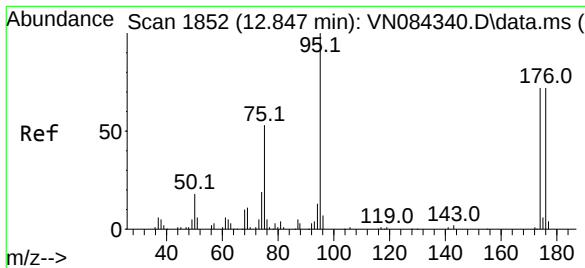
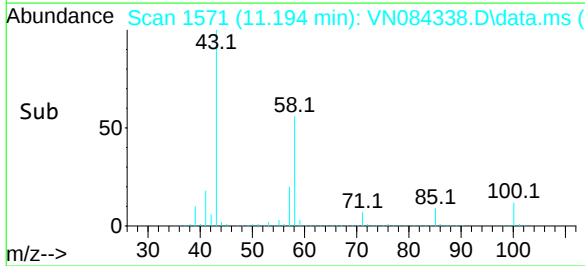
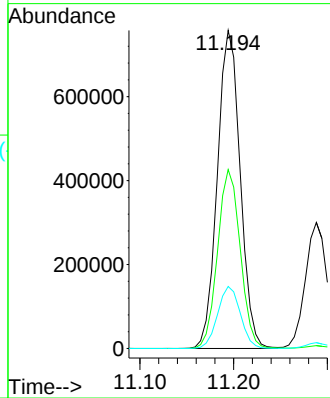
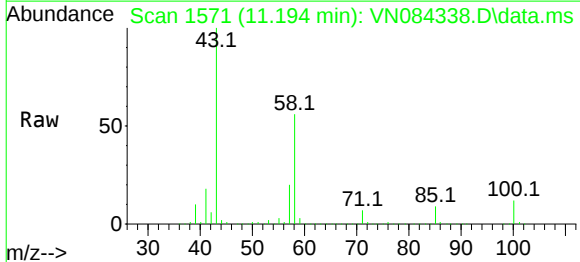
#59
2-Hexanone
Concen: 515.092 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1283238
Ion Ratio Lower Upper
43 100
58 55.8 44.0 66.0
57 19.5 15.4 23.2

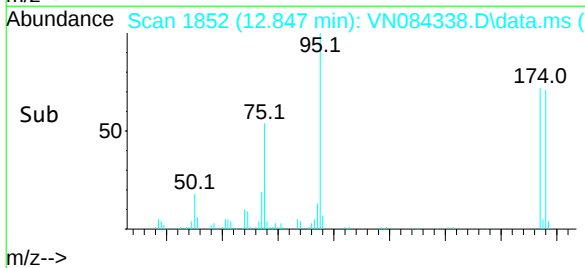
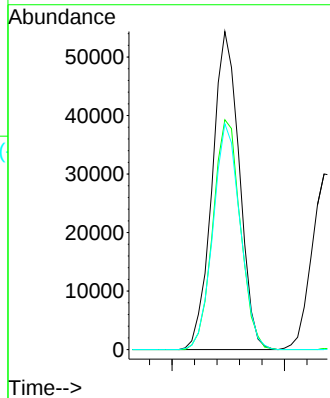
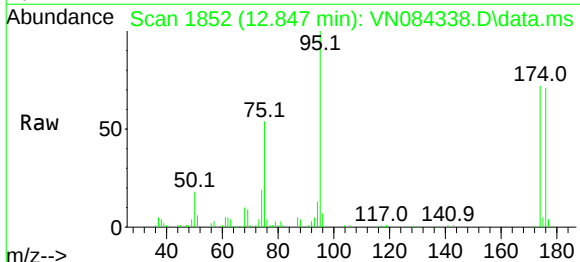
Manual Integrations
APPROVED

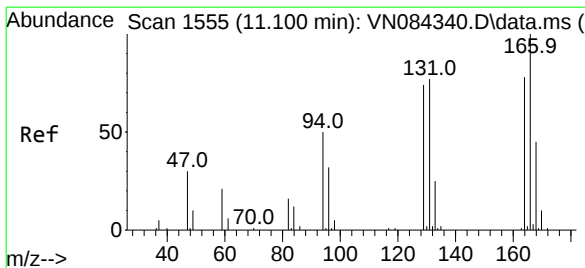
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#60
4-Bromofluorobenzene
Concen: 30.664 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

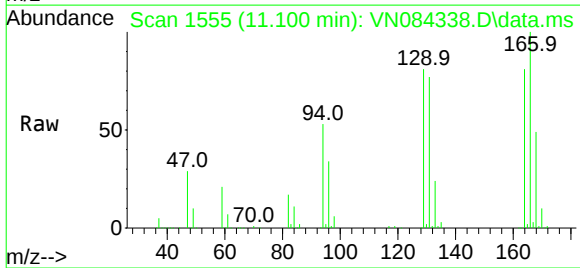
Tgt Ion: 95 Resp: 91083
Ion Ratio Lower Upper
95 100
174 72.9 58.2 87.2
176 71.2 56.4 84.6





#61
Tetrachloroethene
Concen: 96.610 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

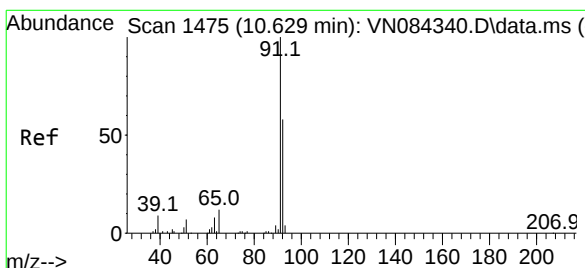
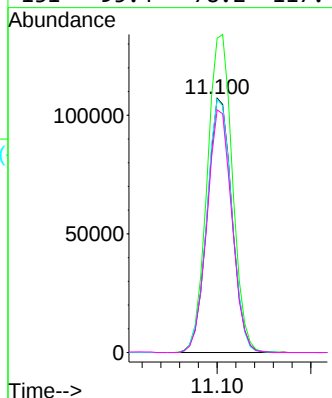
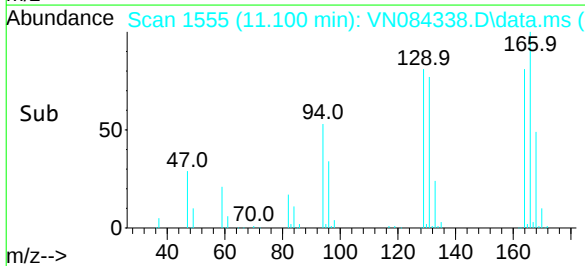
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 164 Resp: 196676
Ion Ratio Lower Upper
164 100
166 123.4 102.5 153.7
129 99.5 75.7 113.5
131 95.4 78.2 117.4

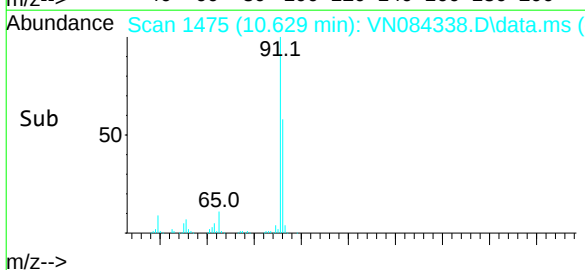
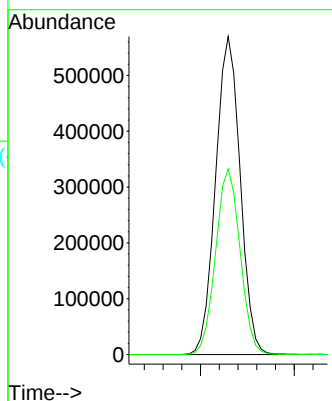
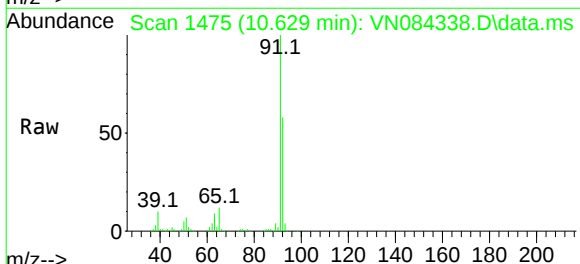
Manual Integrations
APPROVED

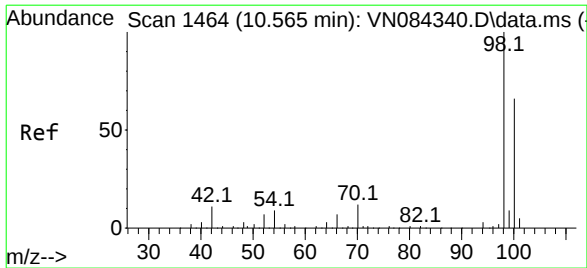
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#62
Toluene
Concen: 98.609 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Tgt Ion: 91 Resp: 1038960
Ion Ratio Lower Upper
91 100
92 58.1 47.2 70.8





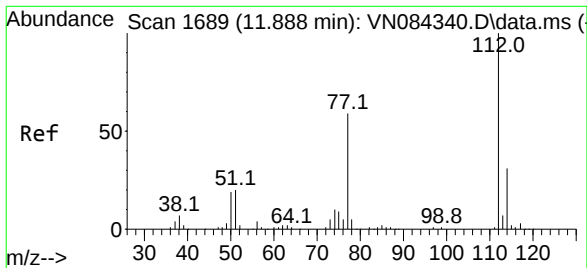
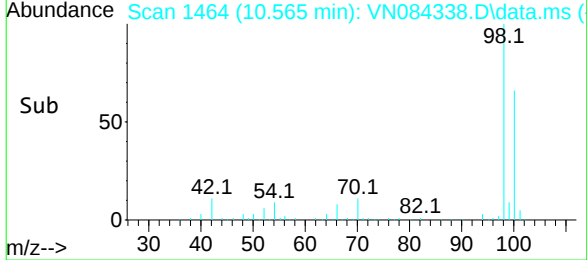
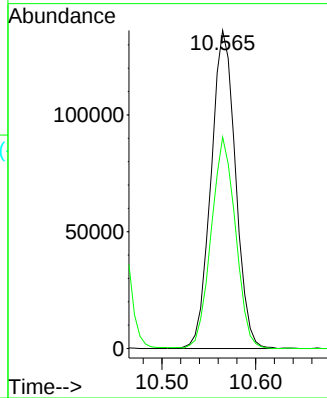
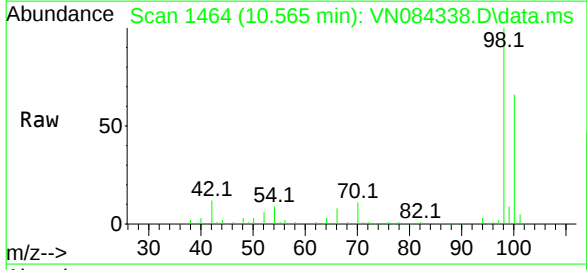
#63
Toluene-d8
Concen: 29.656 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 98 Resp: 247263
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7

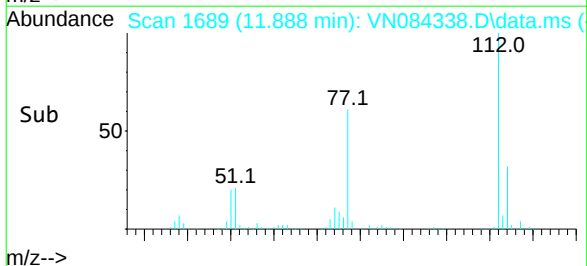
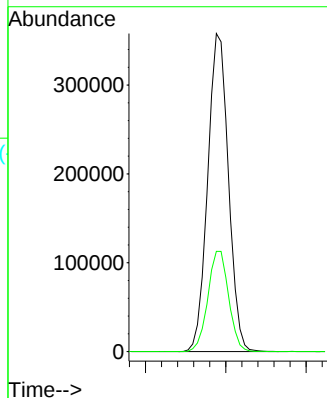
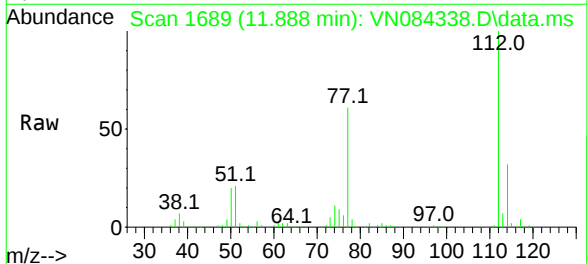
Manual Integrations
APPROVED

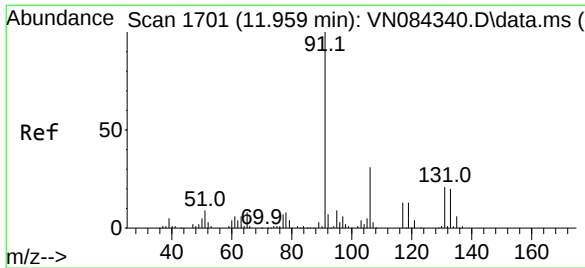
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#64
Chlorobenzene
Concen: 97.777 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

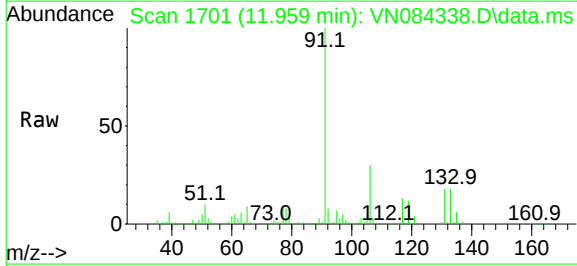
Tgt Ion:112 Resp: 641078
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7





#65
1,1,1,2-Tetrachloroethane
Concen: 98.384 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

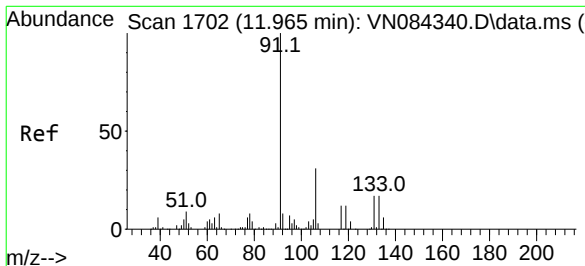
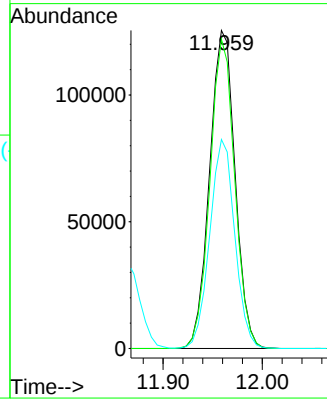
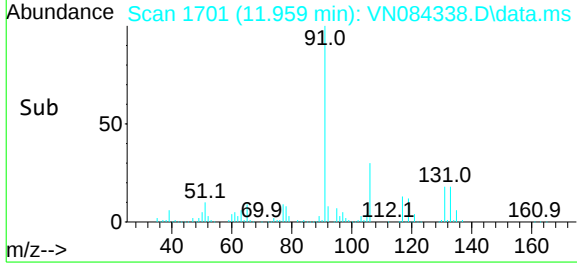
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 131 Resp: 224096
Ion Ratio Lower Upper
131 100
133 94.5 0.0 190.4
119 64.5 0.0 130.0

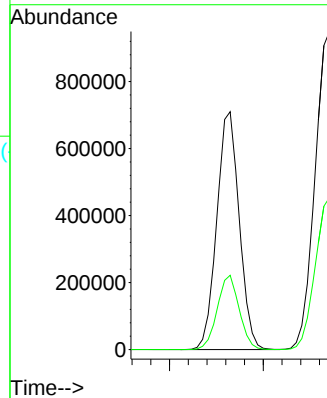
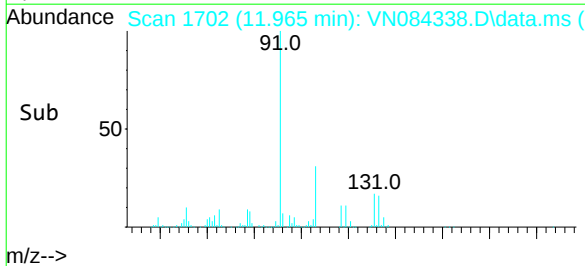
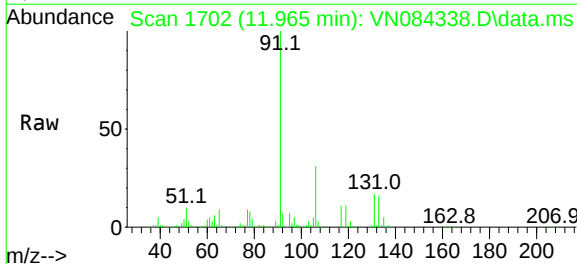
Manual Integrations
APPROVED

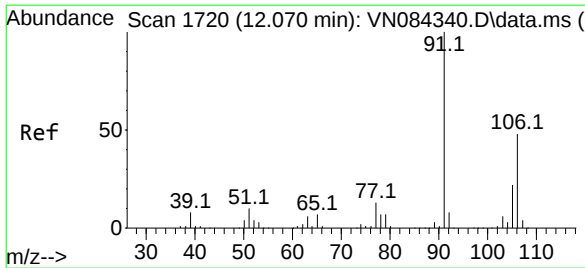
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#66
Ethyl Benzene
Concen: 103.195 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Tgt Ion: 91 Resp: 1181271
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8





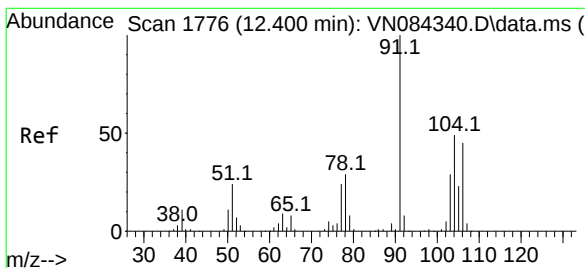
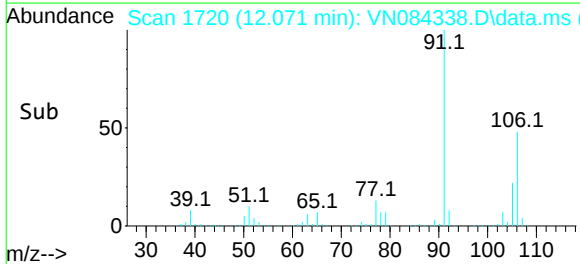
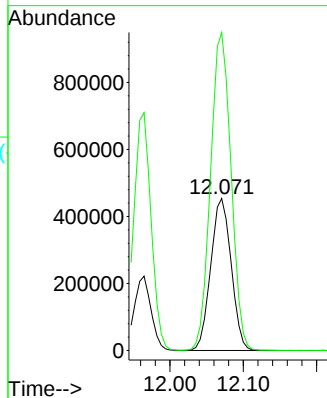
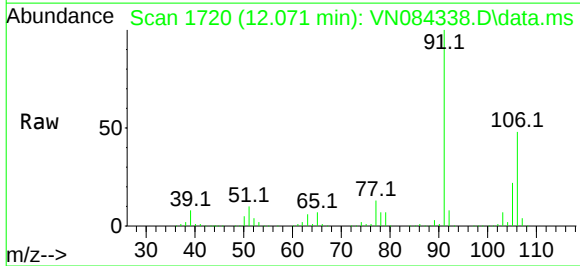
#67
m/p-Xylenes
Concen: 202.285 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 878405
Ion Ratio Lower Upper
106 100
91 209.9 166.7 250.1

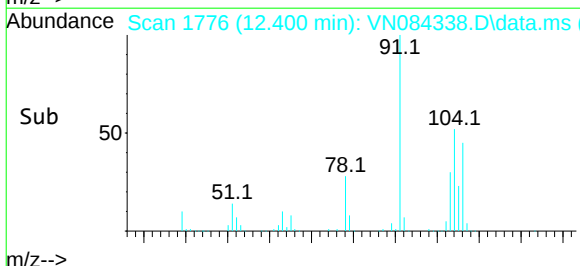
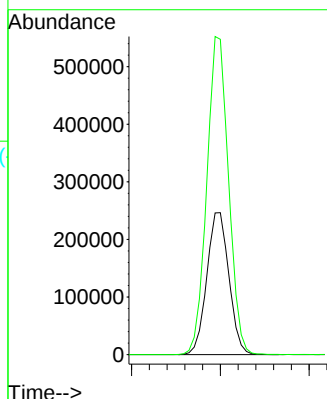
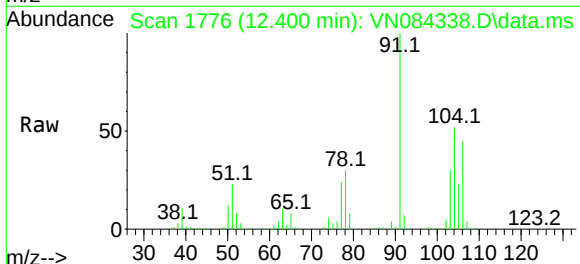
Manual Integrations
APPROVED

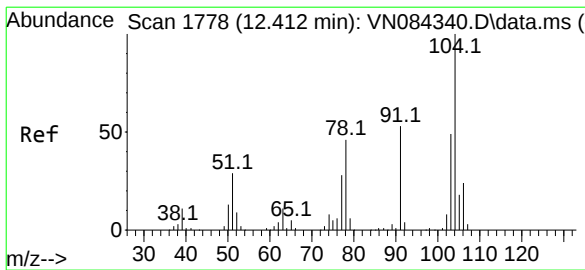
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#68
o-Xylene
Concen: 101.792 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Tgt Ion:106 Resp: 426068
Ion Ratio Lower Upper
106 100
91 220.4 110.9 332.9





#69

Styrene

Concen: 102.854 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN084338.D

Acq: 08 Oct 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

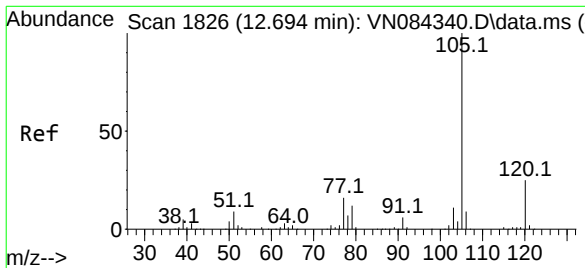
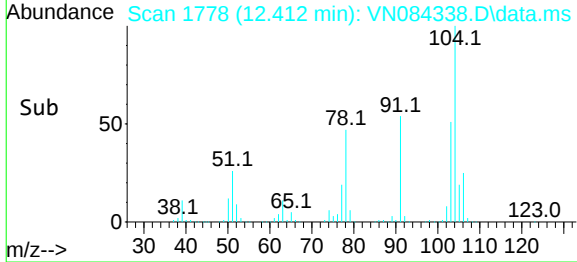
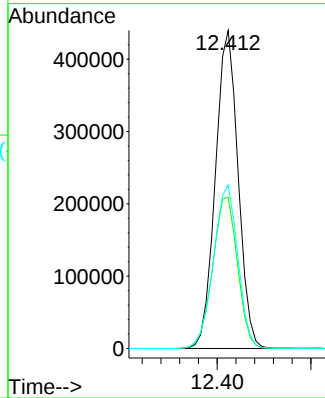
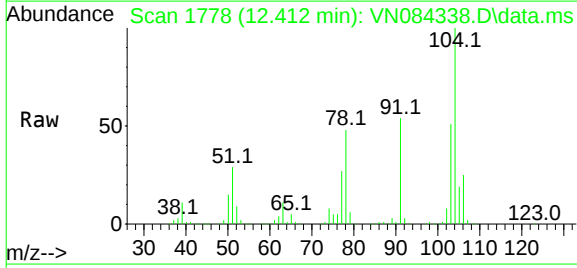
Tgt Ion:	104	Resp:	739030
Ion	Ratio	Lower	Upper
104	100		
78	52.2	41.6	62.4
103	55.0	44.4	66.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#70

Isopropylbenzene

Concen: 102.602 ug/l

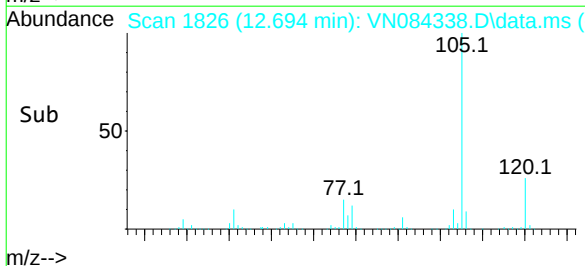
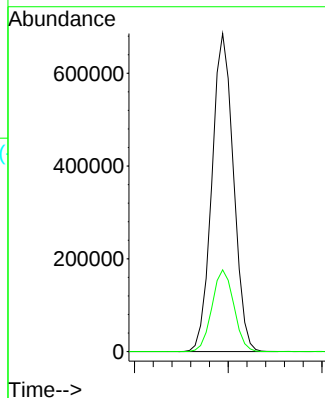
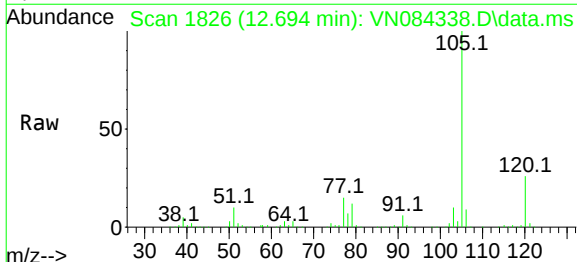
RT: 12.694 min Scan# 1826

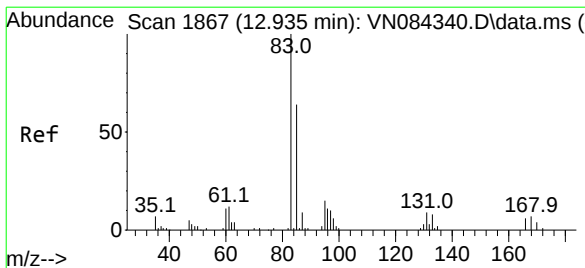
Delta R.T. 0.000 min

Lab File: VN084338.D

Acq: 08 Oct 2024 10:07

Tgt Ion:	105	Resp:	1096352
Ion	Ratio	Lower	Upper
105	100		
120	26.0	17.4	32.4





#71

1,1,2,2-Tetrachloroethane

Concen: 98.744 ug/l

RT: 12.935 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN084338.D

Acq: 08 Oct 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

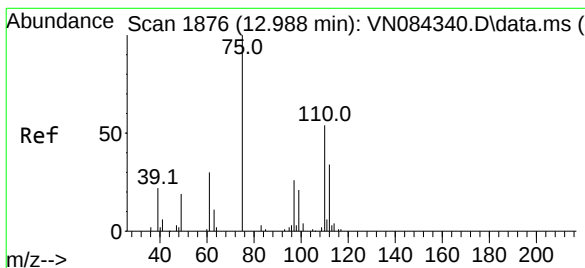
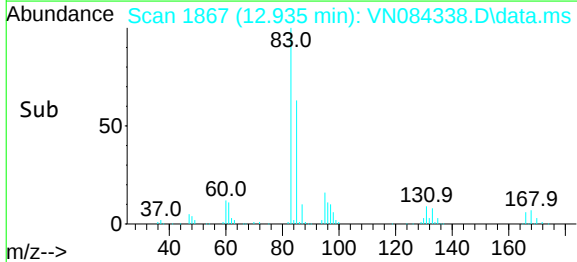
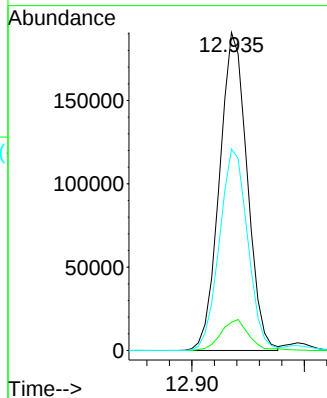
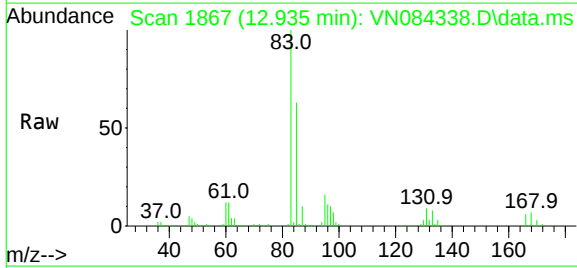
Tgt Ion:	83	Resp:	326404
Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.1	15.3
85	64.5	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#72

1,2,3-Trichloropropane

Concen: 99.846 ug/l m

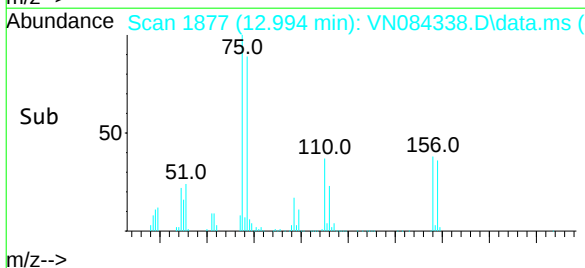
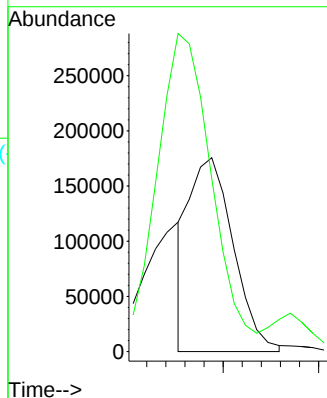
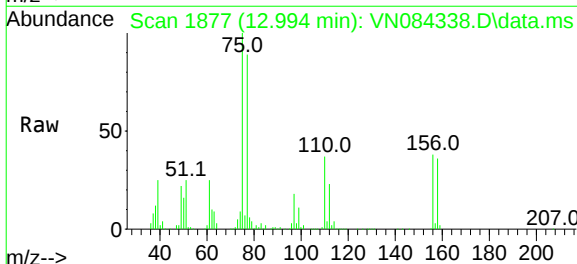
RT: 12.994 min Scan# 1877

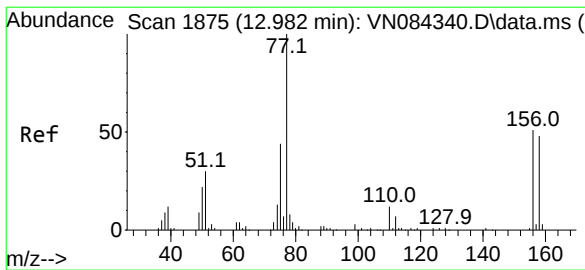
Delta R.T. 0.006 min

Lab File: VN084338.D

Acq: 08 Oct 2024 10:07

Tgt Ion:	75	Resp:	282274
Ion	Ratio	Lower	Upper
75	100		
77	205.1	0.0	414.0





#73

Bromobenzene

Concen: 99.991 ug/l

RT: 12.976 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN084338.D

Acq: 08 Oct 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

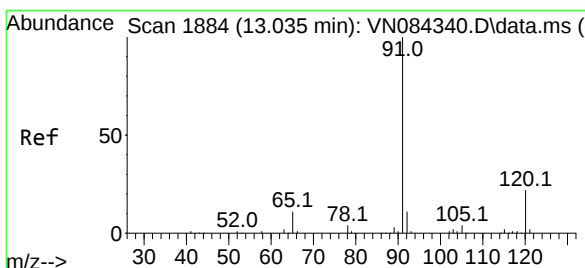
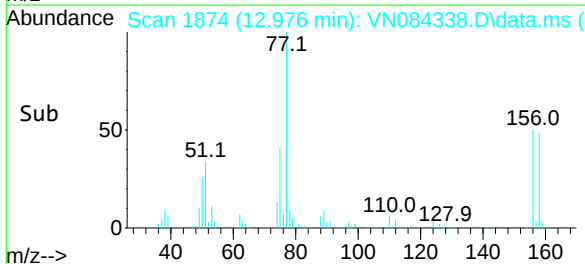
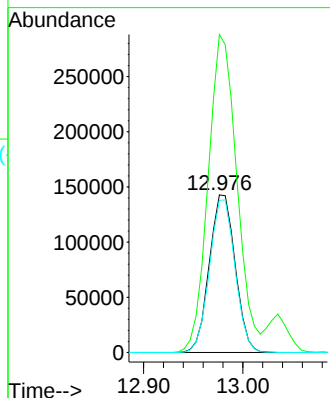
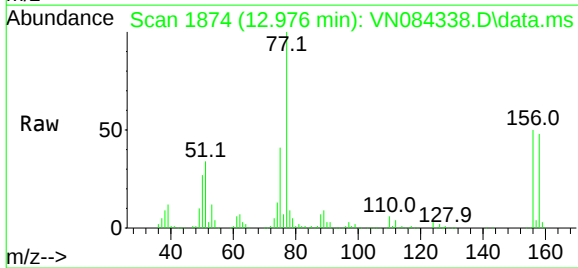
Tgt Ion:	156	Resp:	258761
Ion Ratio	Lower	Upper	
156	100		
77	223.7	0.0	451.0
158	95.8	0.0	194.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#74

n-propylbenzene

Concen: 102.573 ug/l

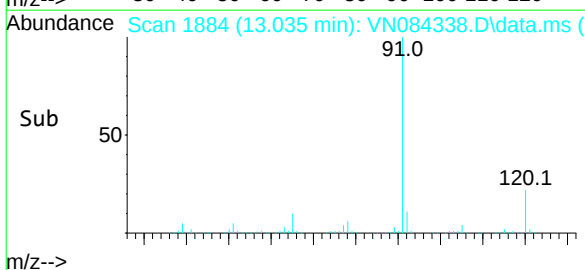
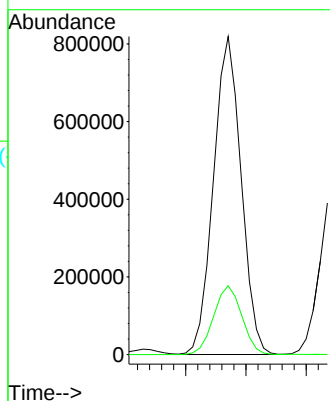
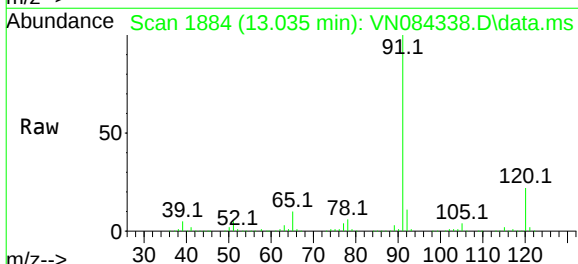
RT: 13.035 min Scan# 1884

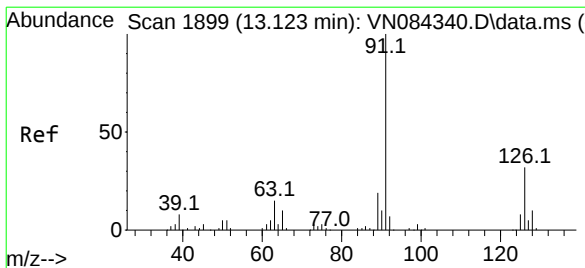
Delta R.T. 0.000 min

Lab File: VN084338.D

Acq: 08 Oct 2024 10:07

Tgt Ion:	91	Resp:	1306104
Ion Ratio	Lower	Upper	
91	100		
120	22.0	0.0	43.2





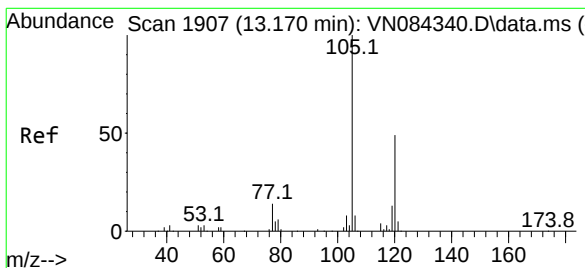
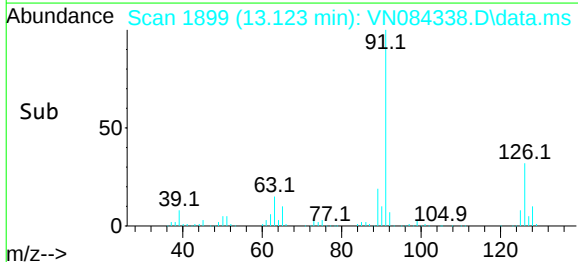
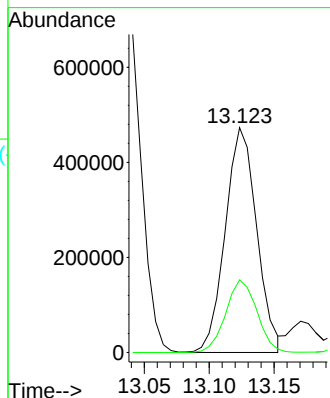
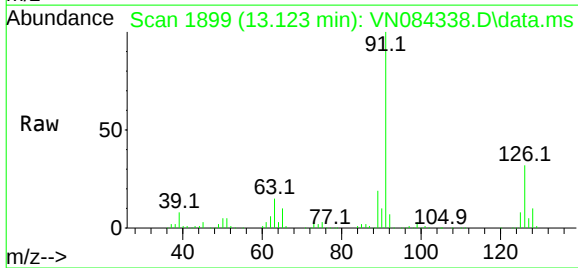
#75
2-Chlorotoluene
Concen: 100.748 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 797168
Ion Ratio Lower Upper
91 100
126 32.0 0.0 64.0

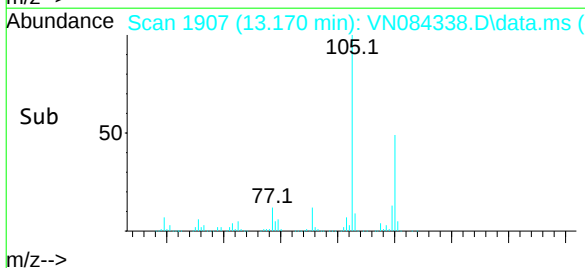
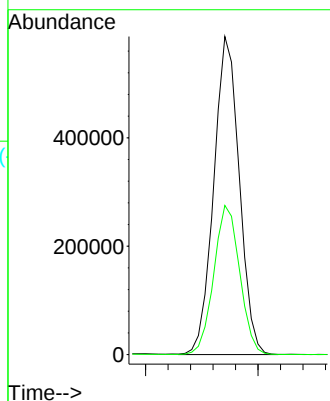
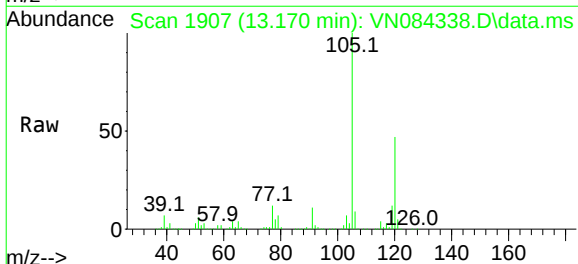
Manual Integrations
APPROVED

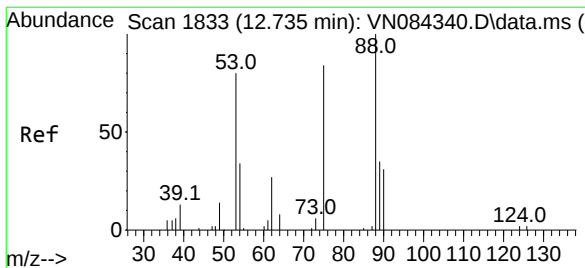
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#76
1,3,5-Trimethylbenzene
Concen: 102.861 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

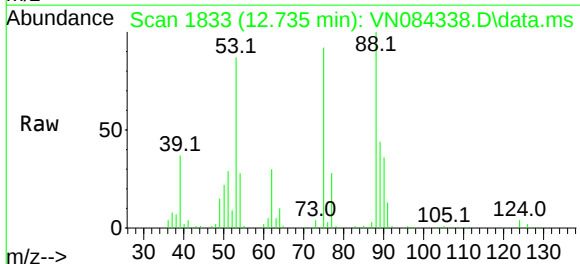
Tgt Ion:105 Resp: 925442
Ion Ratio Lower Upper
105 100
120 47.6 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 105.874 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

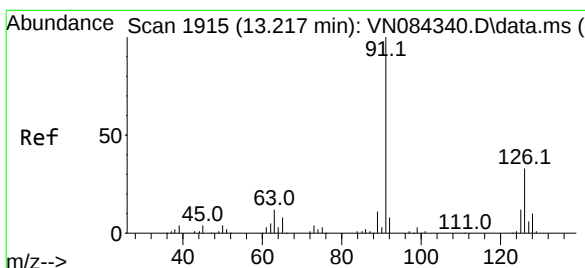
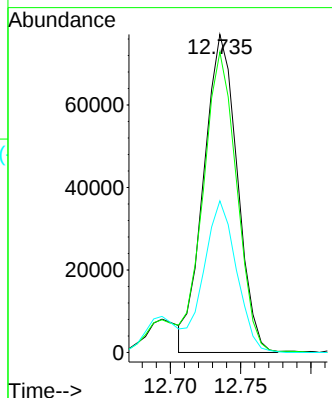
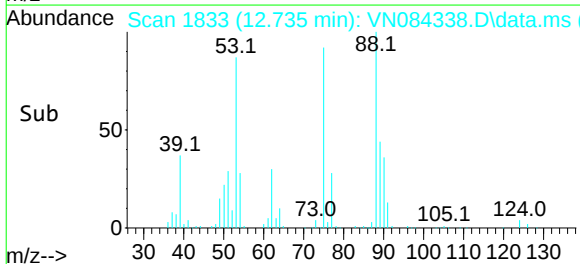
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 128080
Ion Ratio Lower Upper
75 100
53 94.4 47.3 142.0
89 47.6 22.9 68.8

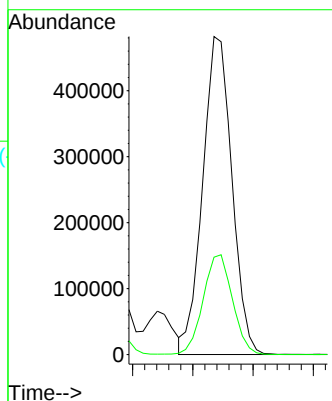
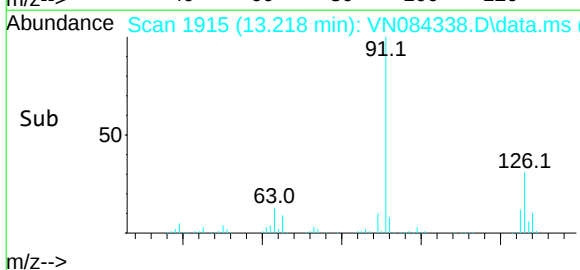
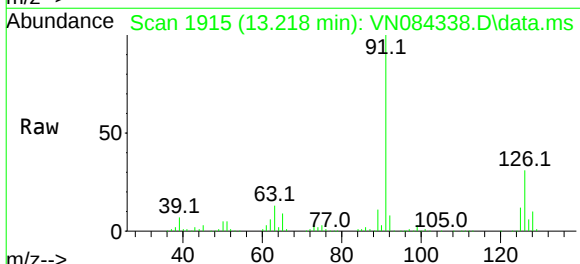
Manual Integrations
APPROVED

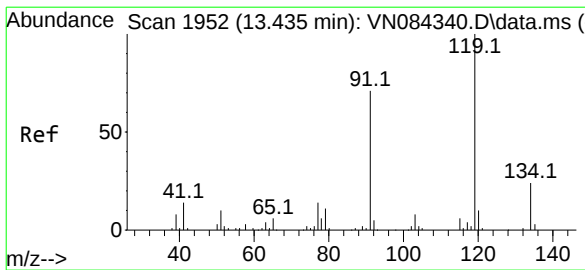
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#78
4-Chlorotoluene
Concen: 100.932 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Tgt Ion: 91 Resp: 811956
Ion Ratio Lower Upper
91 100
126 31.6 0.0 62.4





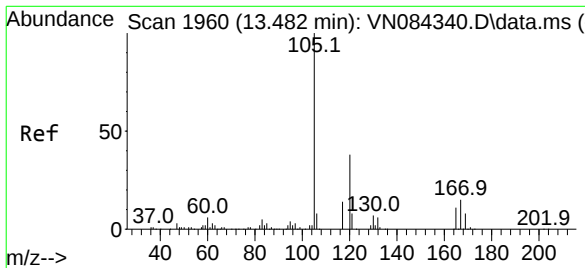
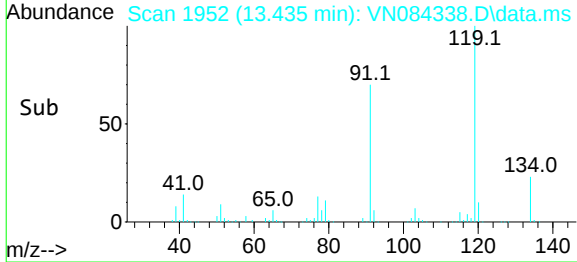
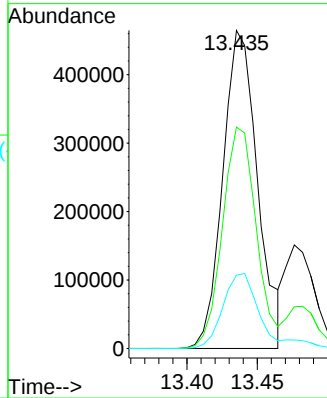
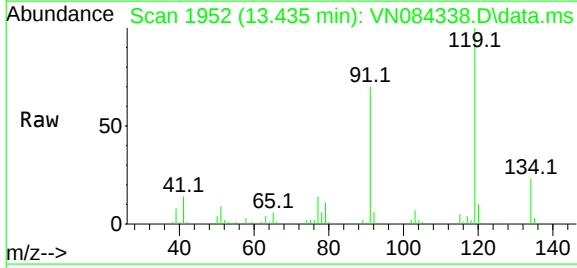
#79
tert-butylbenzene
Concen: 103.950 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 797896
Ion Ratio Lower Upper
119 100
91 68.0 0.0 138.0
134 23.4 0.0 48.8

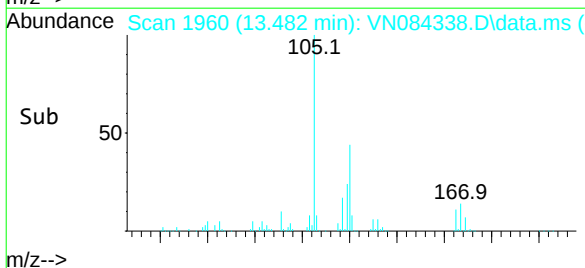
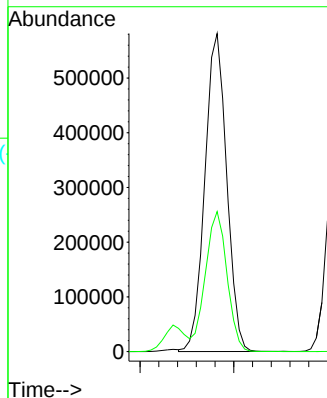
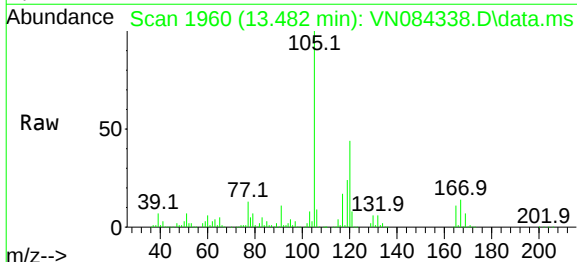
Manual Integrations
APPROVED

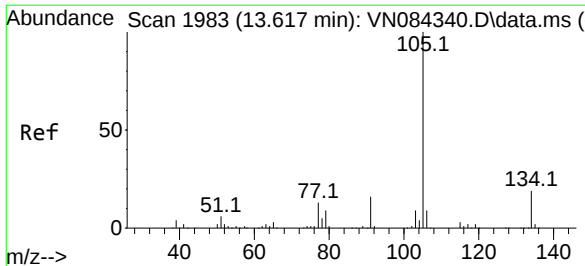
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#80
1,2,4-Trimethylbenzene
Concen: 102.973 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Tgt Ion:105 Resp: 940023
Ion Ratio Lower Upper
105 100
120 43.7 0.0 88.8





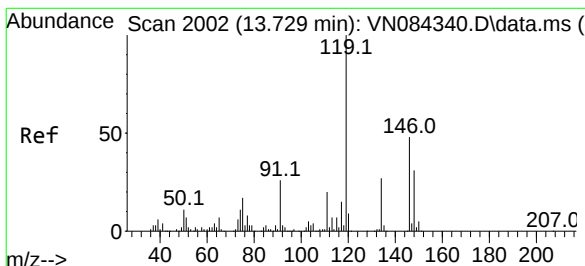
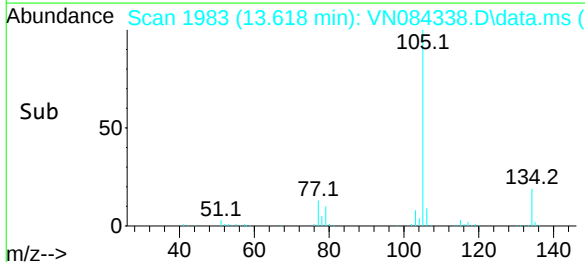
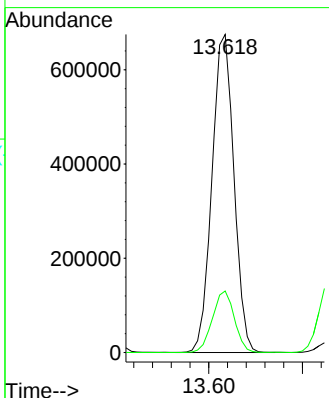
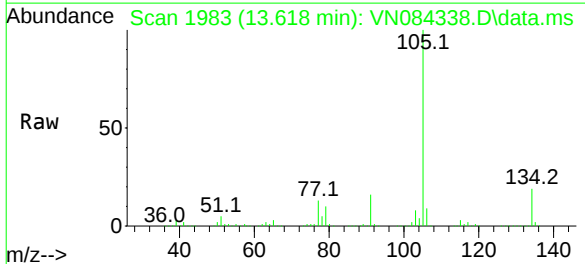
#81
sec-Butylbenzene
Concen: 103.955 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 1098551
Ion Ratio Lower Upper
105 100
134 19.3 0.0 38.0

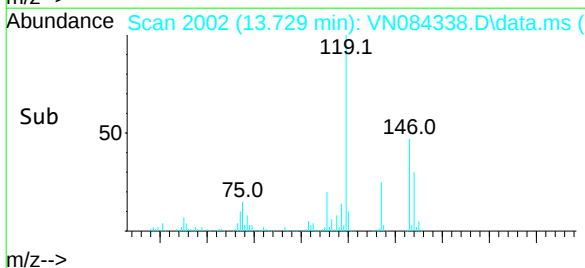
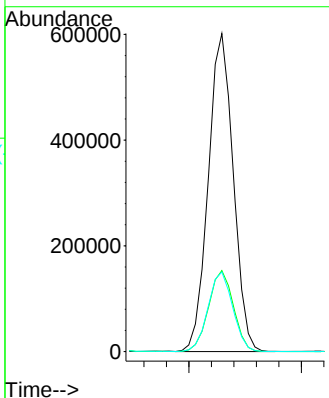
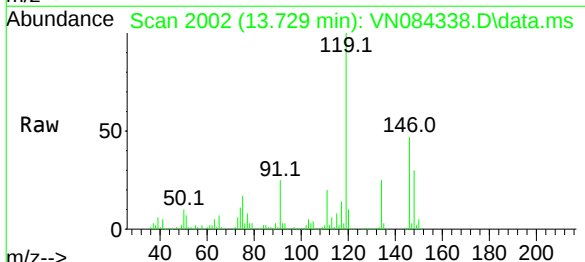
Manual Integrations
APPROVED

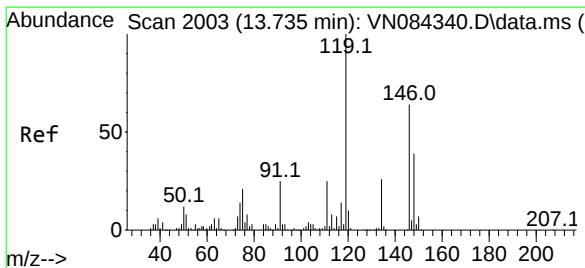
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#82
p-Isopropyltoluene
Concen: 104.480 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Tgt Ion:119 Resp: 929312
Ion Ratio Lower Upper
119 100
134 25.4 0.0 50.2
91 24.8 0.0 50.6





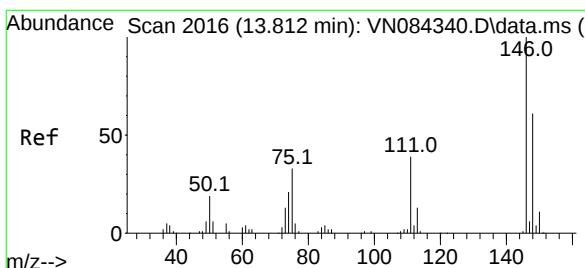
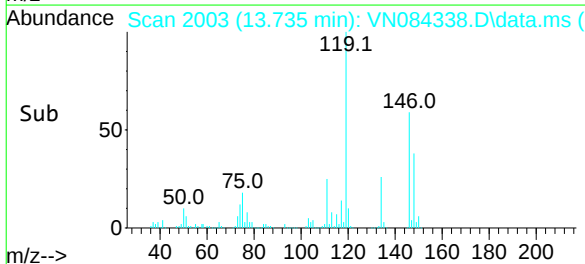
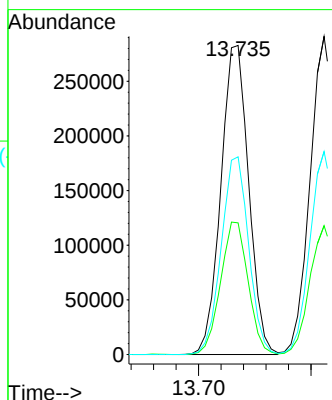
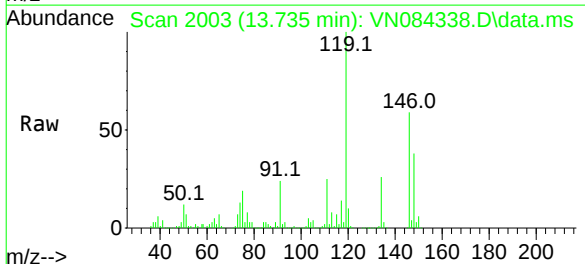
#83
1,3-Dichlorobenzene
Concen: 101.078 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:	146	Resp:	486367
Ion Ratio	Lower	Upper	
146	100		
111	42.4	20.6	61.9
148	63.0	31.6	94.7

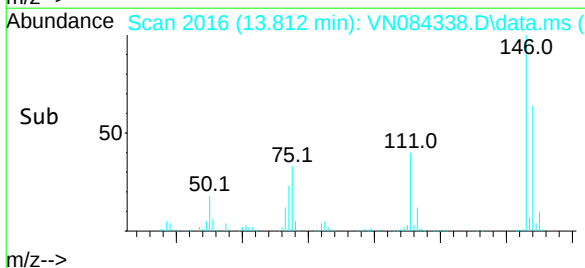
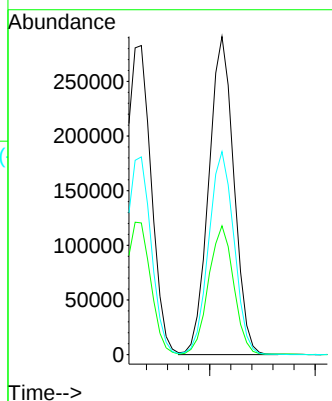
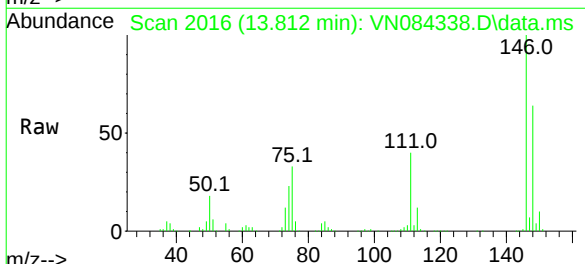
Manual Integrations
APPROVED

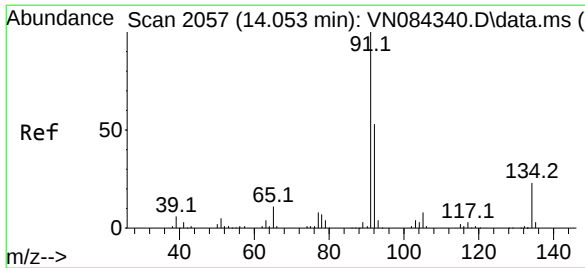
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#84
1,4-Dichlorobenzene
Concen: 101.080 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Tgt Ion:	146	Resp:	482980
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.5	61.5
148	64.2	32.5	97.4





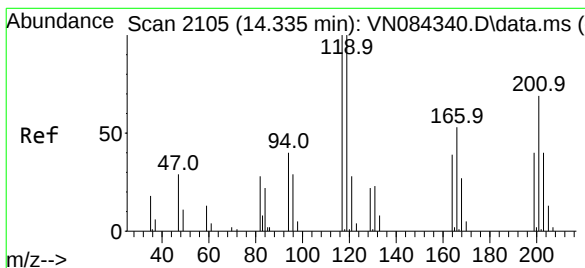
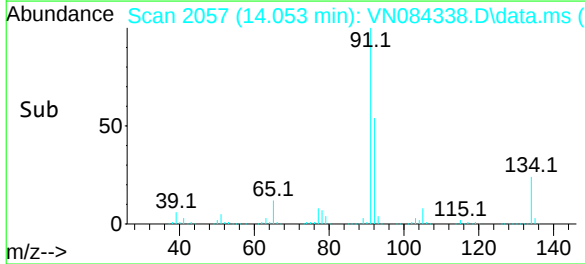
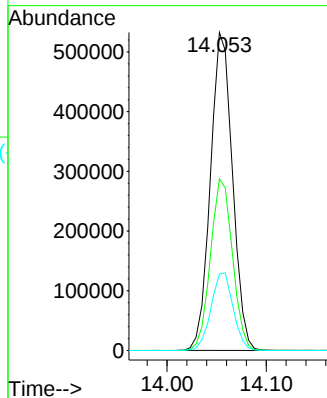
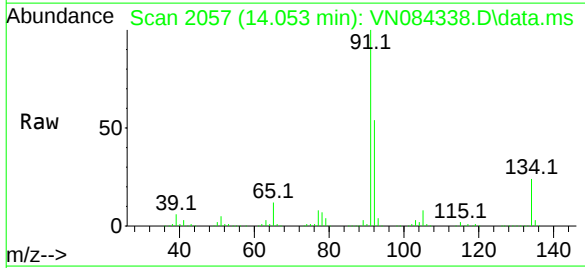
#85
n-Butylbenzene
Concen: 106.755 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 822416
Ion Ratio Lower Upper
91 100
92 53.9 0.0 103.4
134 24.6 0.0 48.0

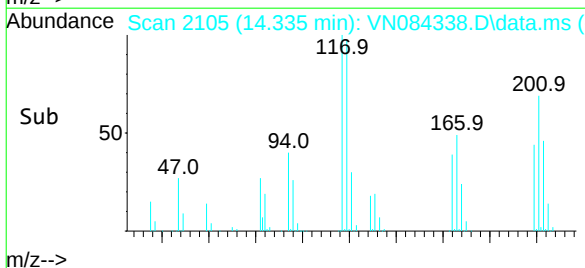
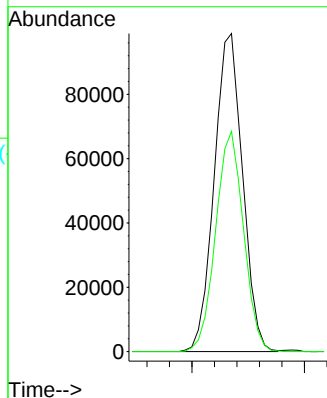
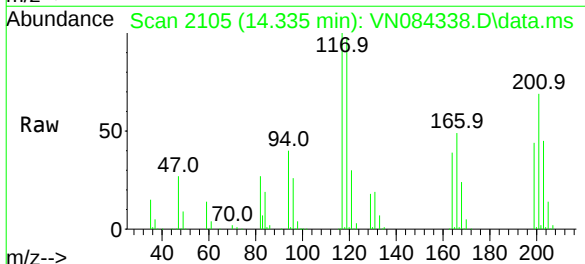
Manual Integrations
APPROVED

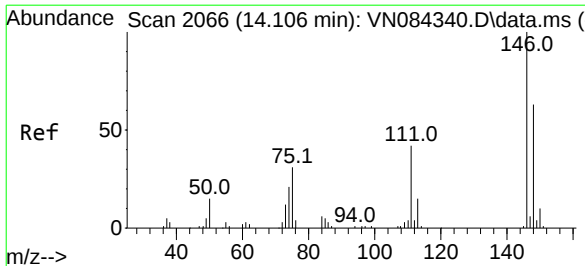
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#86
Hexachloroethane
Concen: 101.121 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

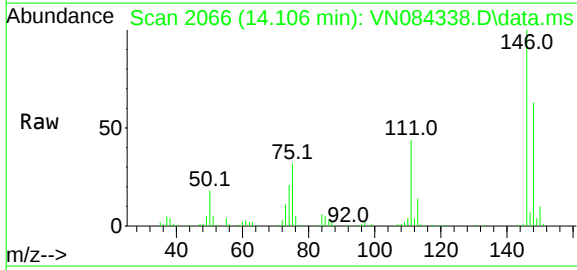
Tgt Ion:117 Resp: 173285
Ion Ratio Lower Upper
117 100
201 67.9 33.9 101.6





#87
1,2-Dichlorobenzene
Concen: 100.954 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

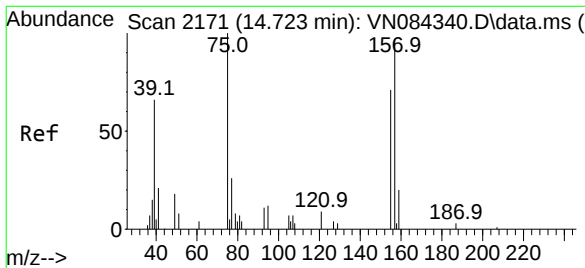
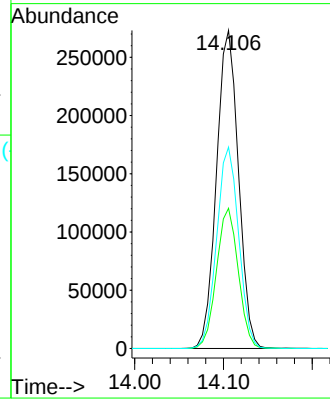
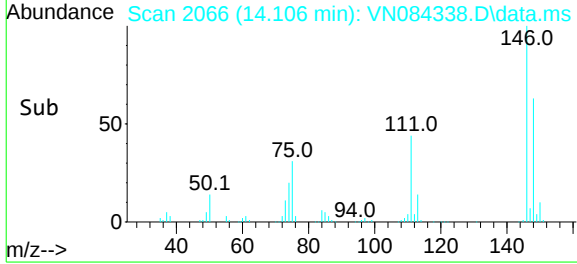
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 146 Resp: 469667
Ion Ratio Lower Upper
146 100
111 43.7 21.9 65.5
148 63.4 31.1 93.5

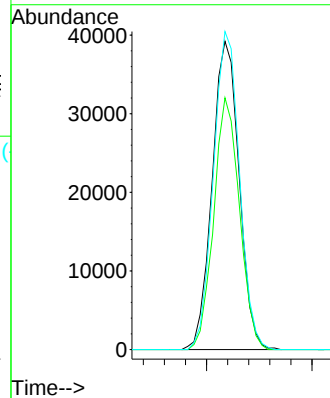
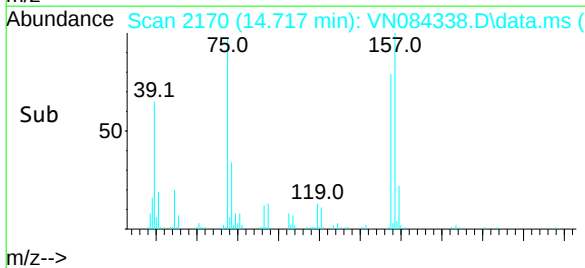
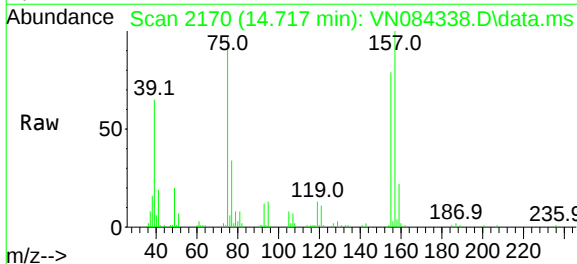
Manual Integrations
APPROVED

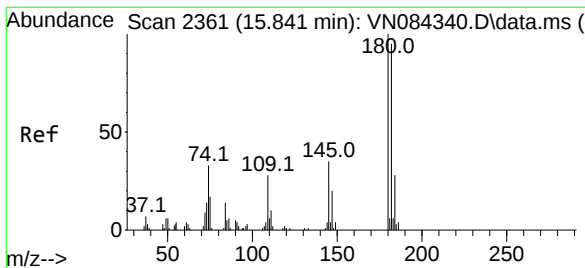
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 103.123 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Tgt Ion: 75 Resp: 69709
Ion Ratio Lower Upper
75 100
155 77.9 61.8 92.8
157 99.8 77.4 116.0





#89

1,2,4-Trichlorobenzene

Concen: 103.221 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN084338.D

Acq: 08 Oct 2024 10:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 249678

Ion Ratio Lower Upper

180 100

182 93.4 77.8 116.6

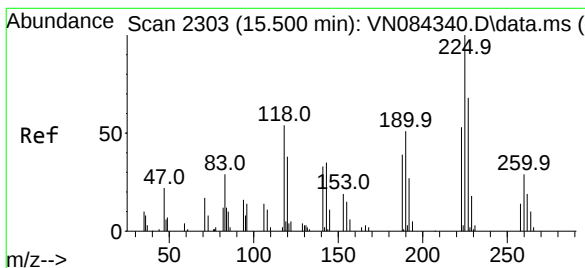
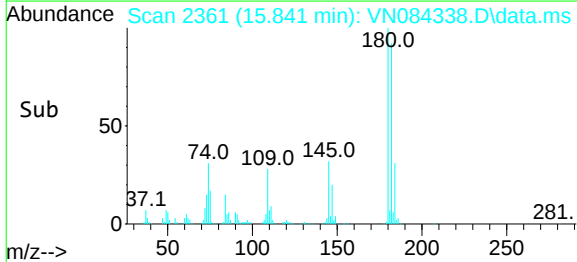
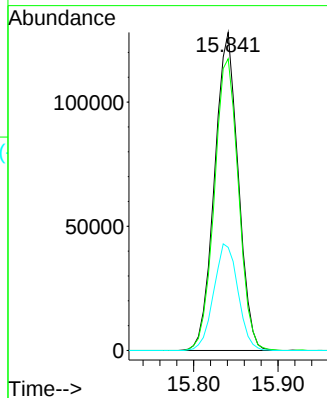
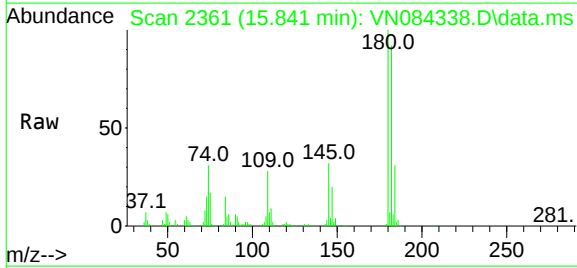
145 34.4 28.9 43.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#90

Hexachlorobutadiene

Concen: 94.981 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN084338.D

Acq: 08 Oct 2024 10:07

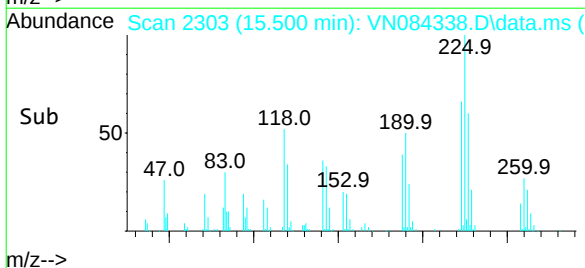
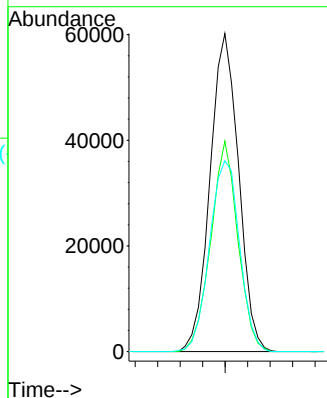
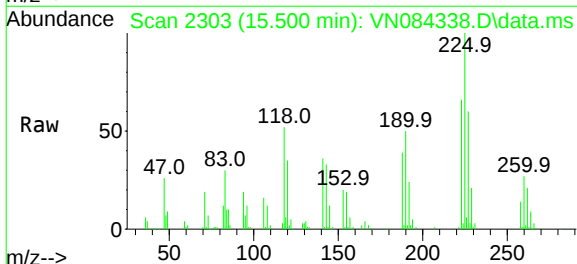
Tgt Ion:225 Resp: 106287

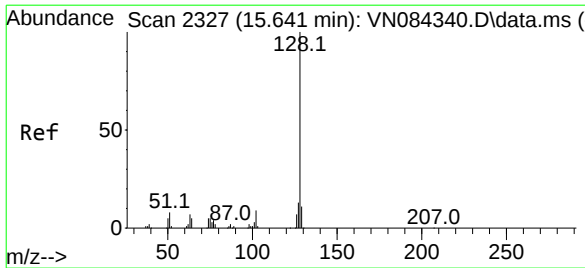
Ion Ratio Lower Upper

225 100

223 62.8 0.0 124.0

227 63.1 0.0 130.8





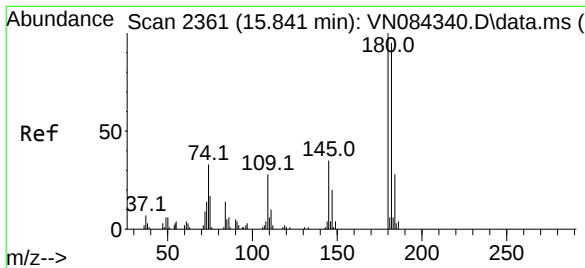
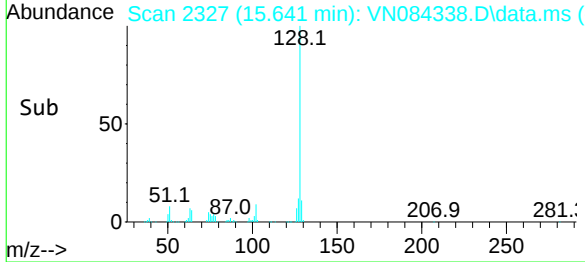
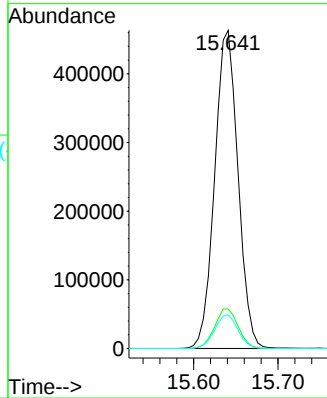
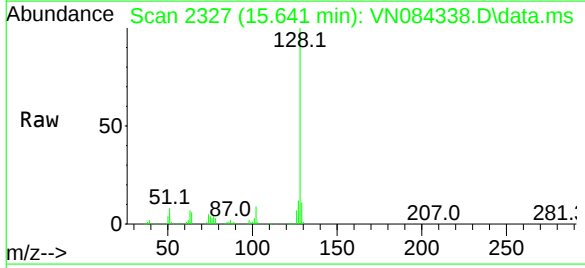
#91
Naphthalene
Concen: 108.388 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.6	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: 103.221 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN084338.D
Acq: 08 Oct 2024 10:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	0.0	194.4
145	34.4	0.0	72.2

