

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084340.D
 Acq On : 08 Oct 2024 10:55
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Oct 09 02:08:40 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	7.818	128	34673	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	193364	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	180372	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	85525	30.638	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.133%			
60) 4-Bromofluorobenzene	12.847	95	88736	29.808	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.367%			
63) Toluene-d8	10.565	98	251690	30.121	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	44634	21.084	ug/l	100
3) Chloromethane	2.359	50	49609	20.593	ug/l	100
4) Vinyl Chloride	2.512	62	48486	20.524	ug/l	100
5) Bromomethane	2.959	94	32772	20.938	ug/l	100
6) Chloroethane	3.118	64	32274	20.839	ug/l	100
7) Trichlorofluoromethane	3.495	101	78670	20.444	ug/l	100
8) Diethyl Ether	3.965	74	28475	20.127	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	43710	20.202	ug/l	100
10) 1,1-Dichloroethene	4.342	96	42386	19.633	ug/l	100
11) Methyl Iodide	4.594	142	57080	20.119	ug/l	100
12) Methyl Acetate	5.030	43	52868	19.561	ug/l	100
13) Acrolein	4.183	56	46516	92.647	ug/l	100
14) Acrylonitrile	5.718	53	123604	101.793	ug/l	100
15) Acetone	4.424	58	33083	95.376	ug/l	100
16) Carbon Disulfide	4.706	76	131855	20.510	ug/l	100
17) Allyl chloride	5.024	41	71450	20.416	ug/l	100
18) Methylene Chloride	5.277	84	49627	20.406	ug/l	100
19) trans-1,2-Dichloroethene	5.789	96	46499	20.351	ug/l	100
20) Diisopropyl ether	6.671	45	153833	20.444	ug/l	100
21) 1,1-Dichloroethane	6.571	63	88689	20.541	ug/l	100
22) cis-1,2-Dichloroethene	7.488	96	54636	20.549	ug/l	100
23) tert-Butyl Alcohol	5.524	59	46138	99.059	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	145915	20.224	ug/l	100
25) Chloroform	7.965	83	90176	20.622	ug/l	100
26) Cyclohexane	8.253	56	76065	21.064	ug/l #	100
29) 1,1-Dichloropropene	8.371	75	63494	20.003	ug/l	100
30) 2-Butanone	7.483	43	165771	98.088	ug/l	100
31) 2,2-Dichloropropane	7.488	77	74258	19.908	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	83522	20.585	ug/l	100
33) Carbon Tetrachloride	8.365	117	70174	19.964	ug/l	100
34) Benzene	8.606	78	200730	20.202	ug/l	100
35) Methacrylonitrile	7.783	41	35246	19.549	ug/l	100
36) 1,2-Dichloroethane	8.671	62	67270	20.311	ug/l	100
37) Trichloroethene	9.347	130	47143	20.604	ug/l	100
38) Methylcyclohexane	9.600	83	66905	19.189	ug/l	100
39) 1,2-Dichloropropane	9.624	63	49785	20.547	ug/l	100
40) Dibromomethane	9.706	93	33881	20.007	ug/l	100
41) Bromodichloromethane	9.888	83	72106	20.057	ug/l	100
42) Vinyl Acetate	6.600	43	572205	97.351	ug/l	100

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 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)
43) Ethyl Acetate	7.559	43	65636	19.692	ug/l	100
44) Isopropyl Acetate	8.688	43	108346	19.860	ug/l	100
45) 1,4-Dioxane	9.700	88	18510	376.387	ug/l	100
46) Methyl methacrylate	9.682	41	52087	19.761	ug/l	100
47) n-amyl Acetate	12.494	43	95368	19.654	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	72331	19.470	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	79003	20.292	ug/l	100
50) 1,1,2-Trichloroethane	11.018	97	45599	20.033	ug/l	100
51) Ethyl methacrylate	10.876	69	74070	19.701	ug/l	100
52) 1,3-Dichloropropane	11.165	76	80622	20.257	ug/l	100
53) Dibromochloromethane	11.359	129	53563	19.920	ug/l	100
54) 1,2-Dibromoethane	11.470	107	47708	20.362	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	161430	94.667	ug/l	100
56) Bromoform	12.576	173	34047	19.091	ug/l	100
58) 4-Methyl-2-Pentanone	10.447	43	336052	100.014	ug/l	100
59) 2-Hexanone	11.194	43	245030	98.139	ug/l	100
61) Tetrachloroethene	11.100	164	41072	20.131	ug/l	100
62) Toluene	10.629	91	211795	20.058	ug/l	100
64) Chlorobenzene	11.888	112	130620	19.878	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	46005	20.153	ug/l	100
66) Ethyl Benzene	11.965	91	227198	19.804	ug/l	100
67) m/p-Xylenes	12.070	106	174434	40.081	ug/l	100
68) o-Xylene	12.400	106	83154	19.823	ug/l	100
69) Styrene	12.412	104	142239	19.752	ug/l	100
70) Isopropylbenzene	12.694	105	214822	20.060	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	66030	19.931	ug/l	100
72) 1,2,3-Trichloropropane	12.988	75	56046m	19.781	ug/l	
73) Bromobenzene	12.982	156	51441	19.834	ug/l	100
74) n-propylbenzene	13.035	91	253393	19.856	ug/l	100
75) 2-Chlorotoluene	13.123	91	158981	20.048	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	178878	19.838	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	22530	18.583	ug/l	100
78) 4-Chlorotoluene	13.217	91	159107	19.735	ug/l	100
79) tert-butylbenzene	13.435	119	151487	19.692	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	180628	19.743	ug/l	100
81) sec-Butylbenzene	13.617	105	210010	19.829	ug/l	100
82) p-Isopropyltoluene	13.729	119	173074	19.415	ug/l	100
83) 1,3-Dichlorobenzene	13.735	146	95054	19.711	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	91564	19.121	ug/l	100
85) n-Butylbenzene	14.053	91	144192	18.676	ug/l	100
86) Hexachloroethane	14.335	117	33531	19.524	ug/l	100
87) 1,2-Dichlorobenzene	14.106	146	90933	19.503	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.723	75	13240	19.543	ug/l	100
89) 1,2,4-Trichlorobenzene	15.841	180	45853	18.915	ug/l	100
90) Hexachlorobutadiene	15.500	225	20860	18.600	ug/l	100
91) Naphthalene	15.641	128	154471	18.804	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	45853	18.915	ug/l	100

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

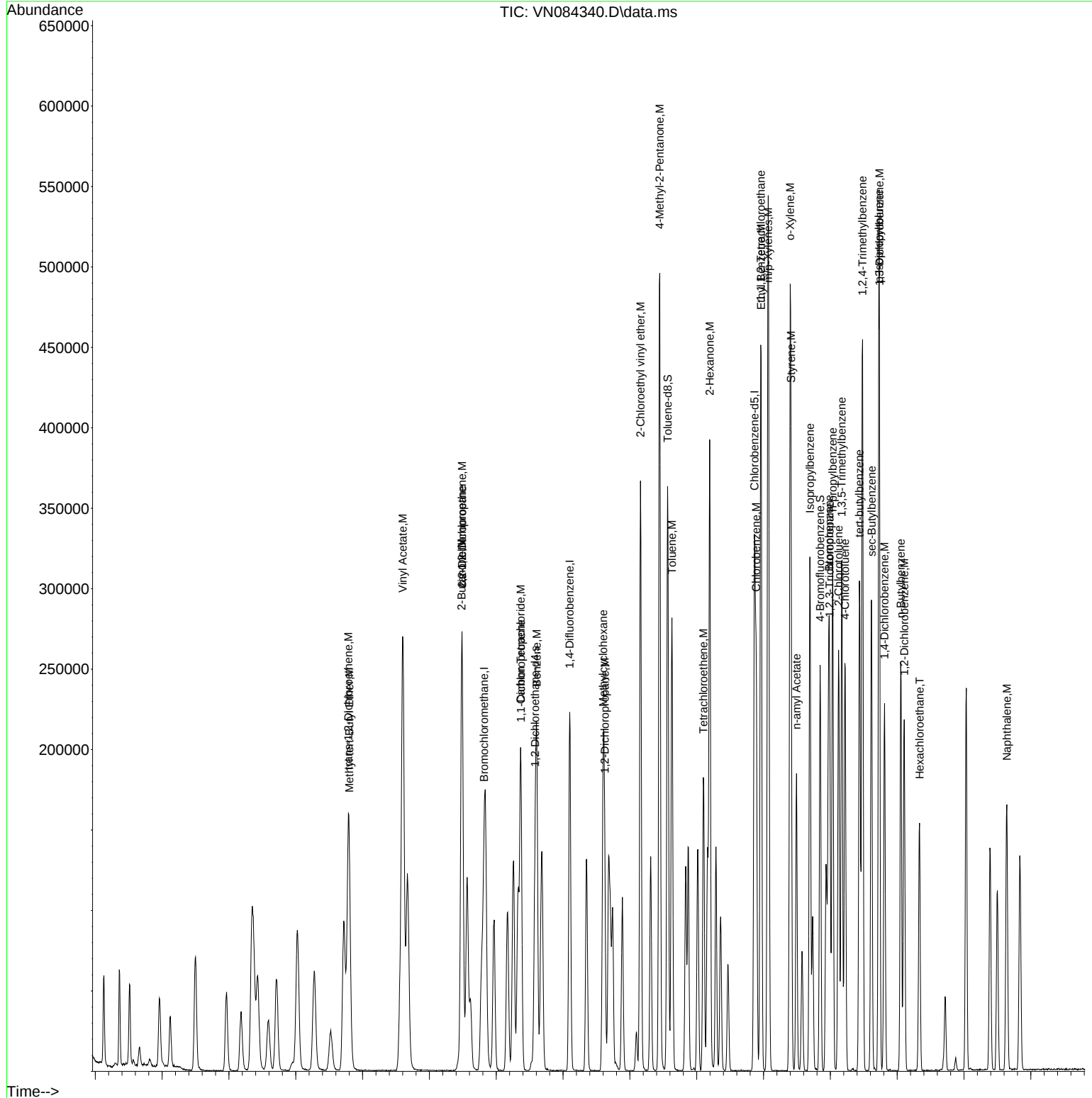
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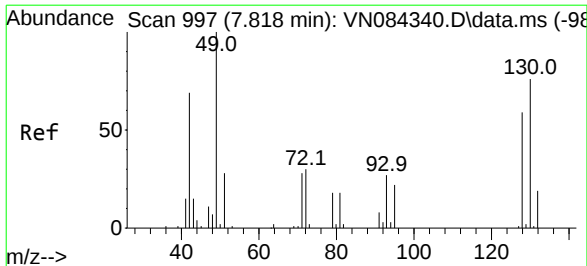
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Manual Integrations
APPROVED

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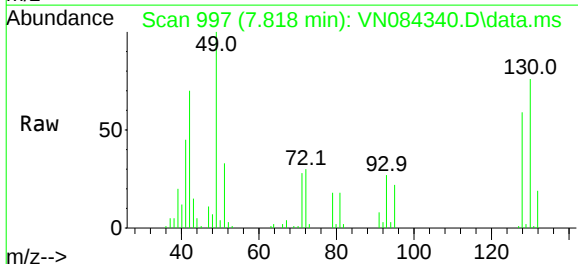
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 09 02:04:33 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

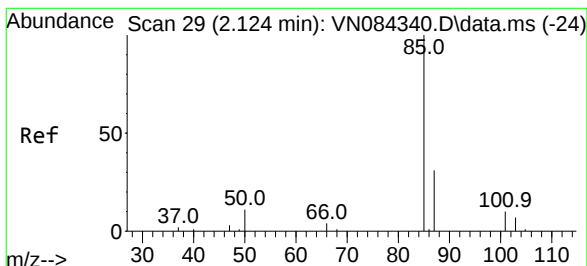
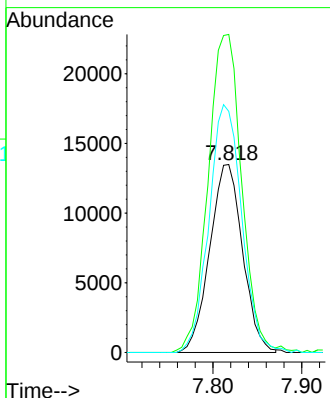
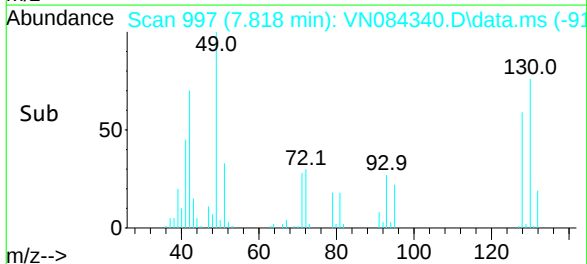
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 128 Resp: 34673
Ion Ratio Lower Upper
128 100
49 172.0 0.0 430.0
130 131.9 0.0 329.8

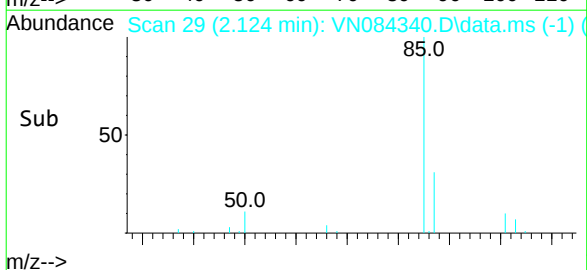
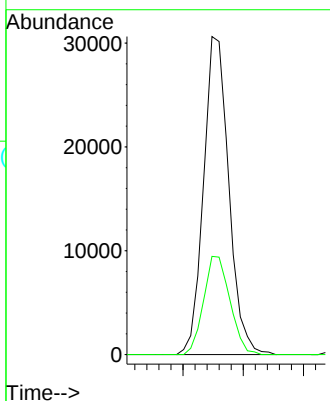
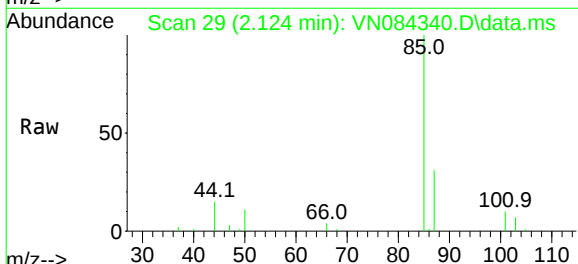
Manual Integrations
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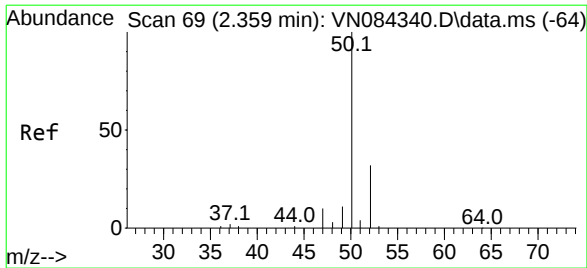
Reviewed By : John Carlone 10/09/2024
Supervised By : Mahesh Dadoda 10/09/2024



#2
Dichlorodifluoromethane
Concen: 21.084 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion: 85 Resp: 44634
Ion Ratio Lower Upper
85 100
87 30.9 15.4 46.4





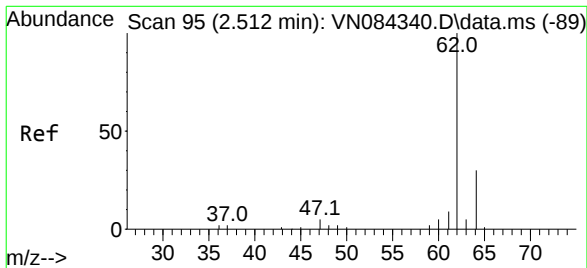
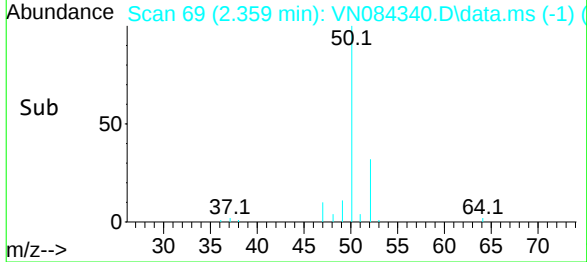
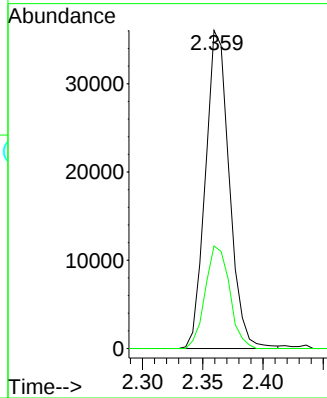
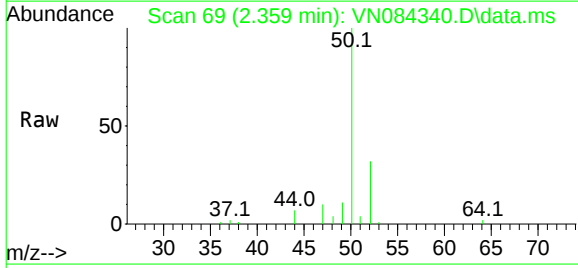
#3
Chloromethane
Concen: 20.593 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 49609
Ion Ratio Lower Upper
50 100
52 32.2 25.8 38.6

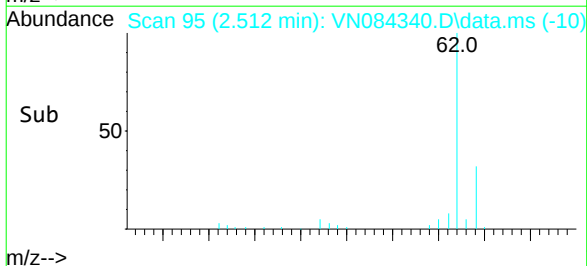
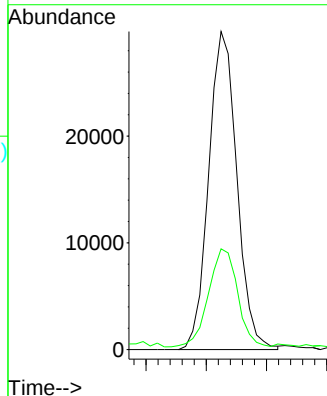
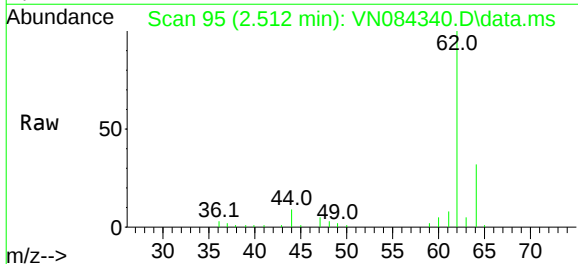
Manual Integrations
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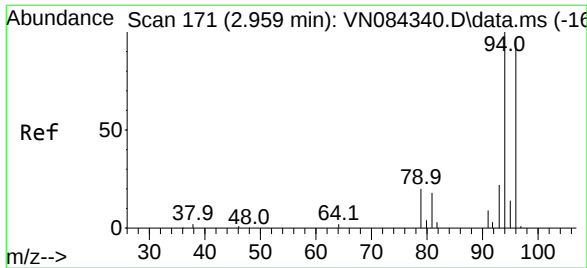
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#4
Vinyl Chloride
Concen: 20.524 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

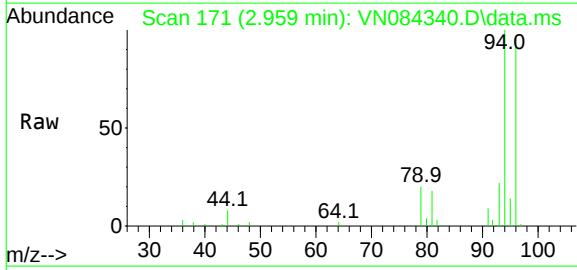
Tgt Ion: 62 Resp: 48486
Ion Ratio Lower Upper
62 100
64 30.4 24.3 36.5





#5
Bromomethane
Concen: 20.938 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

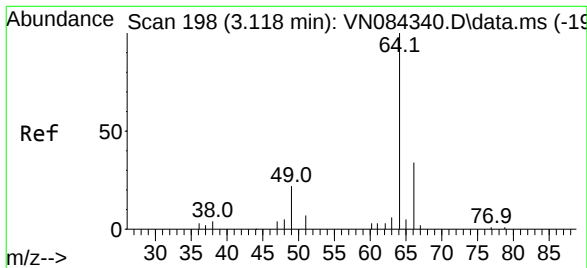
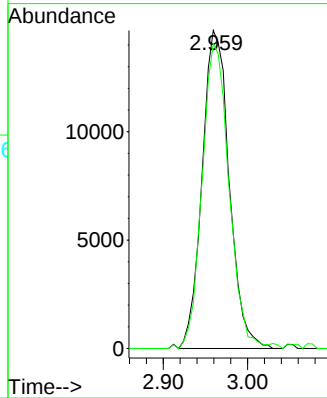
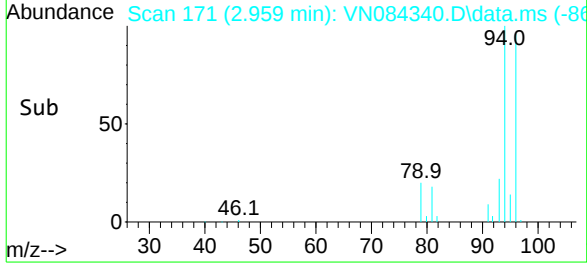
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



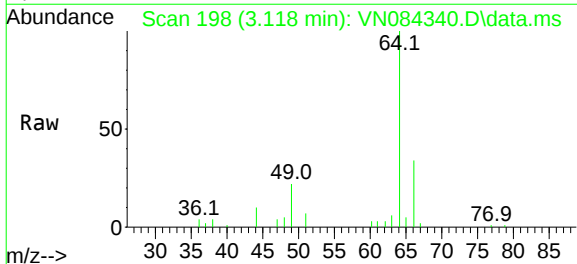
Tgt Ion: 94 Resp: 32772
Ion Ratio Lower Upper
94 100
96 95.9 76.7 115.1

Manual Integrations
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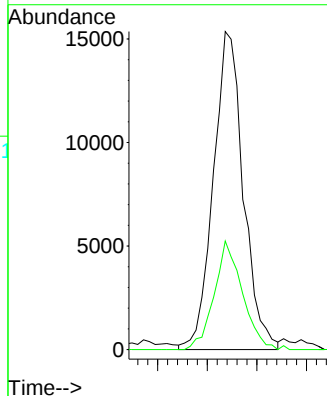
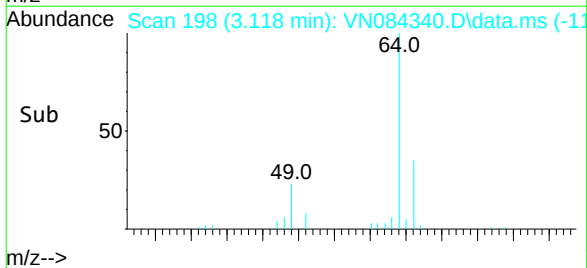
Reviewed By :John Carlone 10/09/2024
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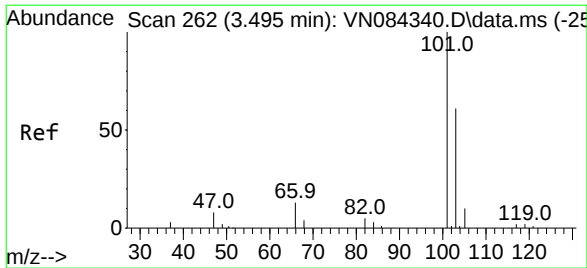


#6
Chloroethane
Concen: 20.839 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55



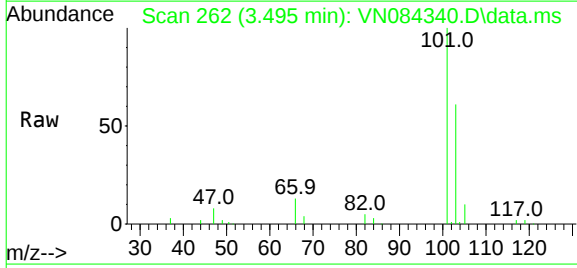
Tgt Ion: 64 Resp: 32274
Ion Ratio Lower Upper
64 100
66 34.6 27.7 41.5





#7
 Trichlorofluoromethane
 Concen: 20.444 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN084340.D
 Acq: 08 Oct 2024 10:55

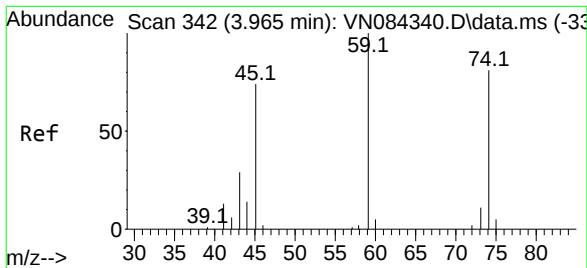
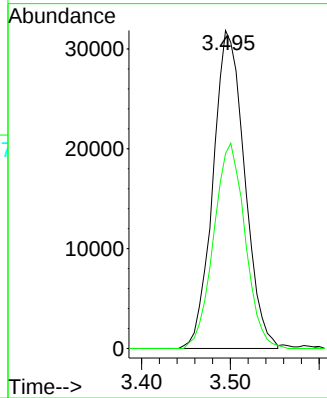
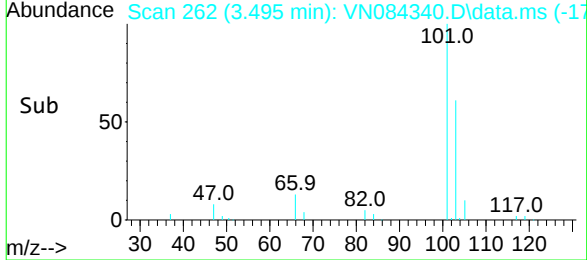
Instrument :
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 ClientSampleId :
 VSTDICCC020



Tgt Ion: 101 Resp: 78670
 Ion Ratio Lower Upper
 101 100
 103 61.3 49.0 73.6

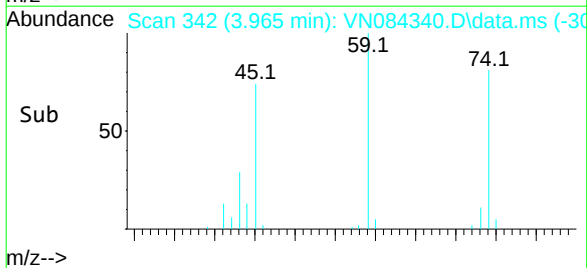
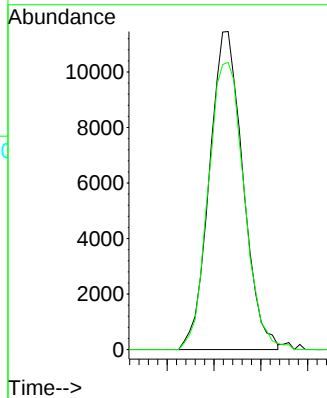
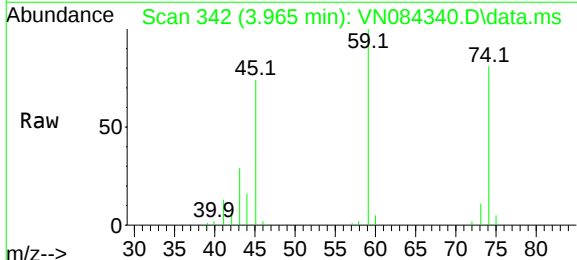
Manual Integrations
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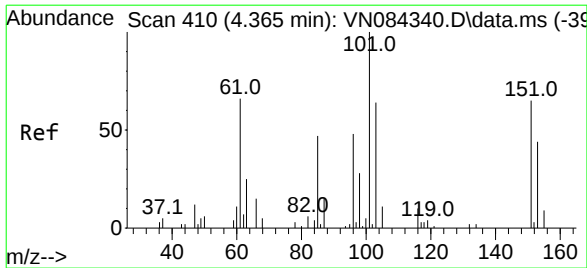
Reviewed By : John Carlone 10/09/2024
 Supervised By : Mahesh Dadoda 10/09/2024



#8
 Diethyl Ether
 Concen: 20.127 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN084340.D
 Acq: 08 Oct 2024 10:55

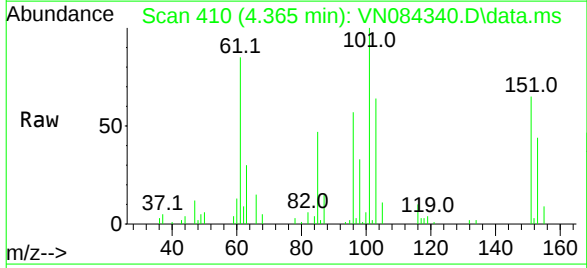
Tgt Ion: 74 Resp: 28475
 Ion Ratio Lower Upper
 74 100
 45 96.2 19.2 173.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.202 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

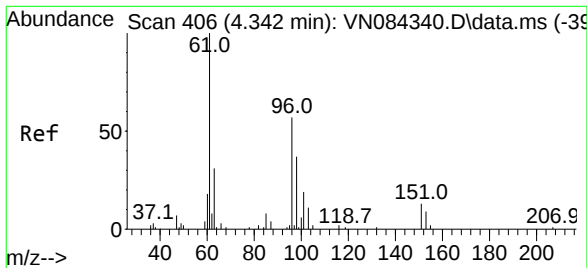
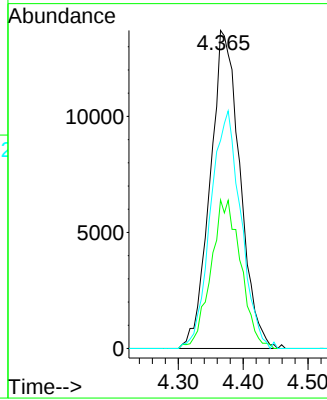
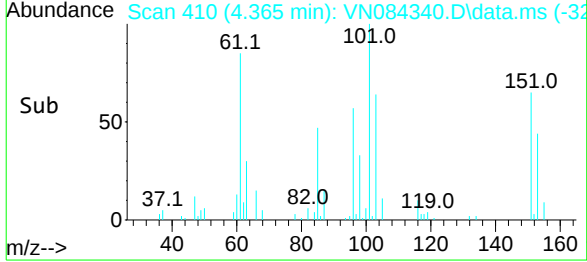
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ClientSampleId :
VSTDICCC020



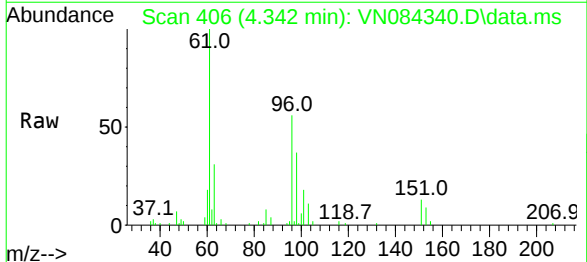
Tgt Ion: 101 Resp: 43710
Ion Ratio Lower Upper
101 100
85 46.8 0.0 93.6
151 75.9 0.0 151.8

Manual Integrations
APPROVED

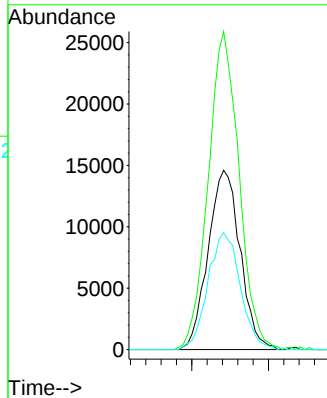
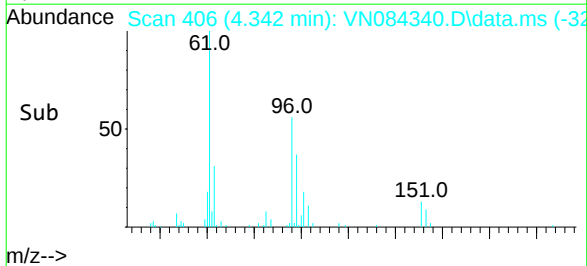
Reviewed By : John Carlone 10/09/2024
Supervised By : Mahesh Dadoda 10/09/2024

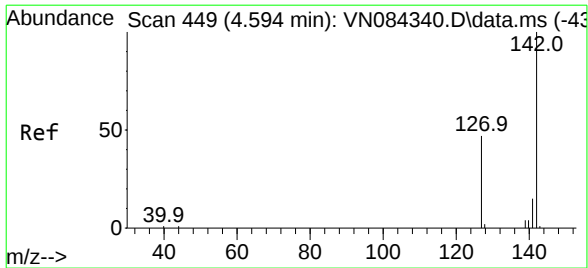


#10
1,1-Dichloroethene
Concen: 19.633 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55



Tgt Ion: 96 Resp: 42386
Ion Ratio Lower Upper
96 100
61 176.0 140.8 211.2
98 65.2 52.2 78.2





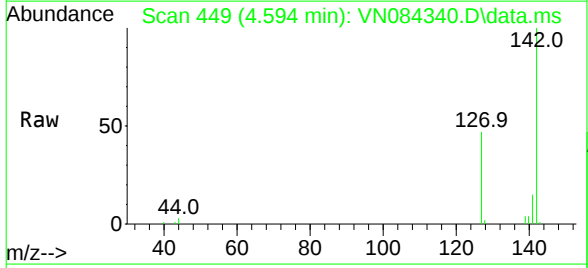
#11
Methyl Iodide
Concen: 20.119 ug/l
RT: 4.594 min Scan# 44
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020



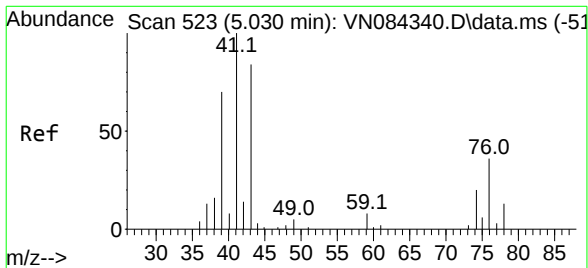
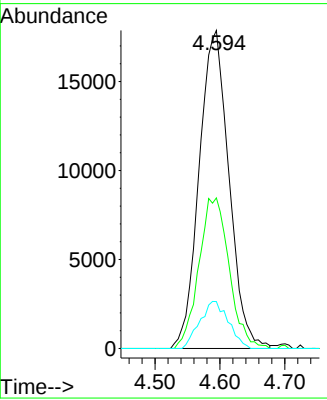
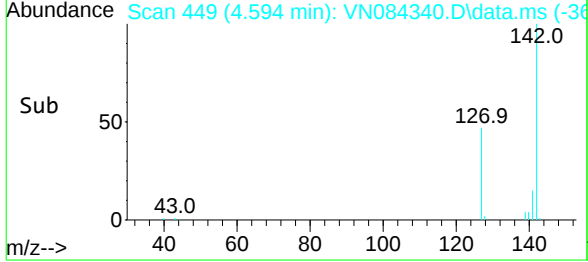
Tgt Ion:	142	Resp:	57080
Ion	Ratio	Lower	Upper
142	100		
127	47.6	23.8	71.4
141	14.8	7.4	22.2

Manual Integrations

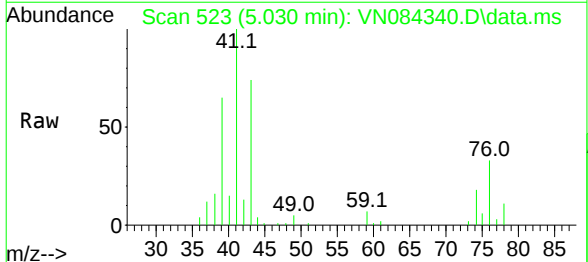
APPROVED

Reviewed By :John Carlone 10/09/2024

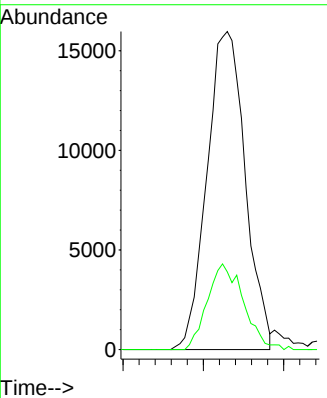
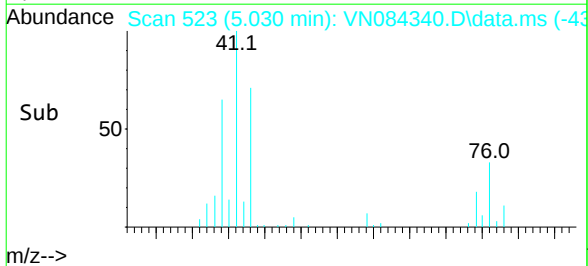
Supervised By :Mahesh Dadoda 10/09/2024

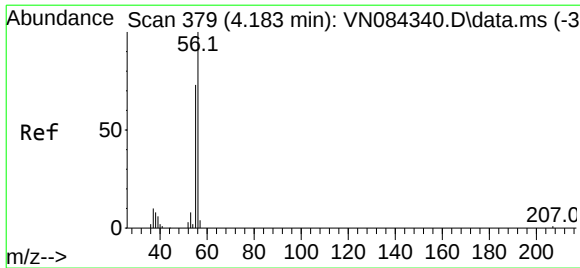


#12
Methyl Acetate
Concen: 19.561 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55



Tgt Ion:	43	Resp:	52868
Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.4	29.2





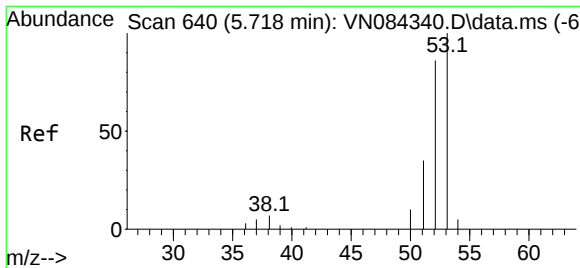
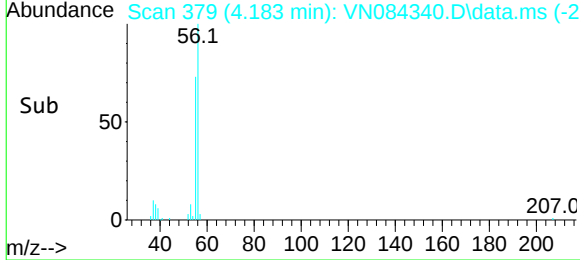
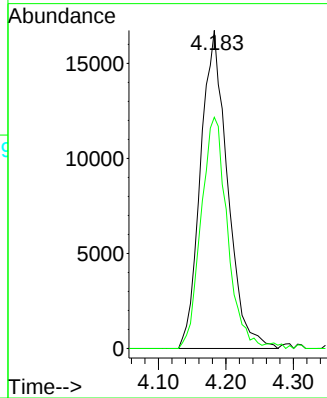
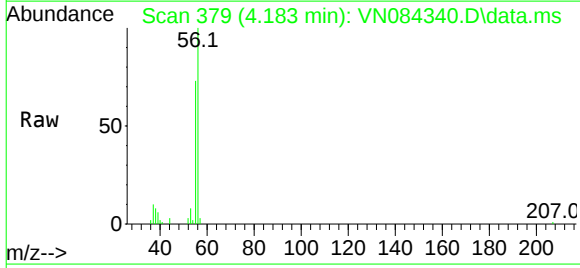
#13
Acrolein
Concen: 92.647 ug/l
RT: 4.183 min Scan# 37
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 56 Resp: 46516
Ion Ratio Lower Upper
56 100
55 70.5 56.4 84.6

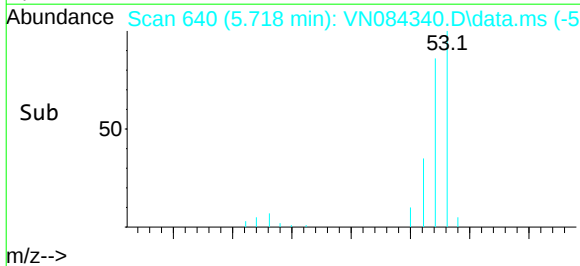
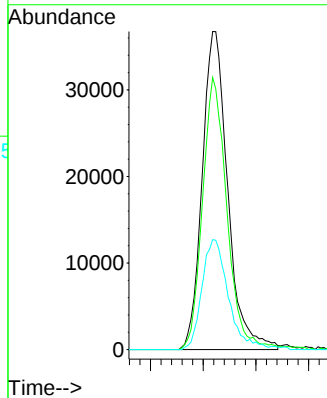
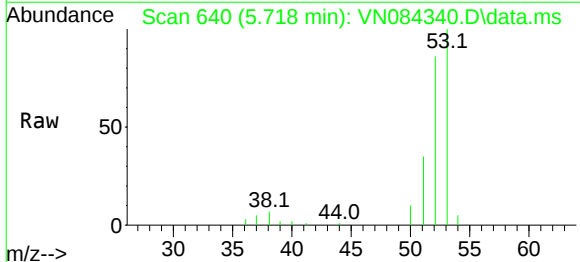
Manual Integrations
APPROVED

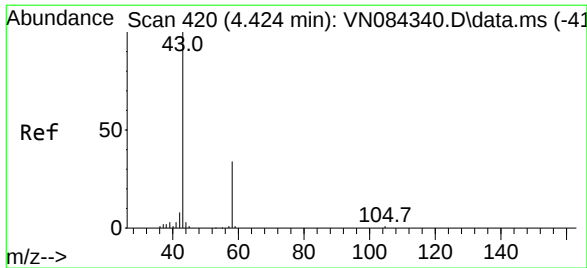
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#14
Acrylonitrile
Concen: 101.793 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion: 53 Resp: 123604
Ion Ratio Lower Upper
53 100
52 80.8 40.4 121.2
51 35.6 17.8 53.4





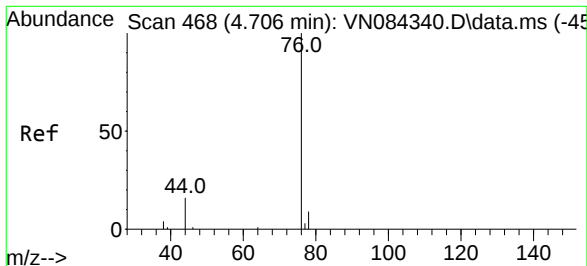
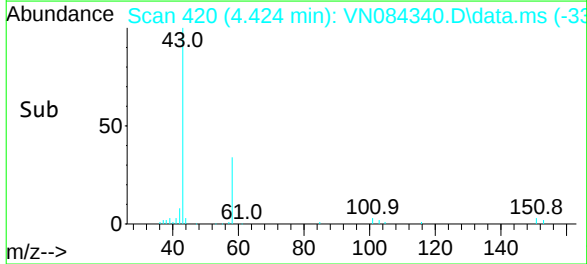
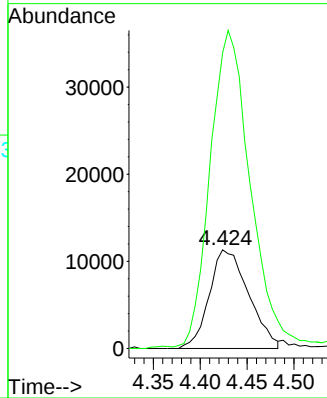
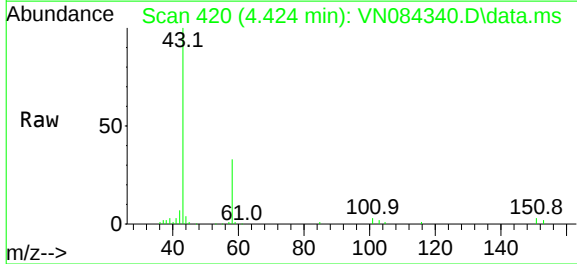
#15
Acetone
Concen: 95.376 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 58 Resp: 33083
Ion Ratio Lower Upper
58 100
43 296.9 237.5 356.3

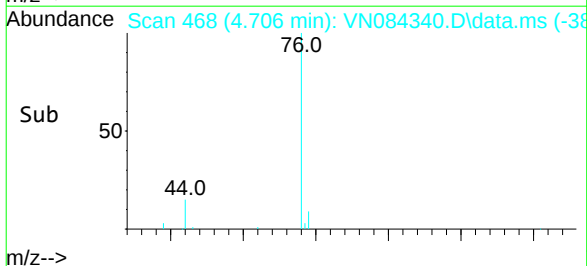
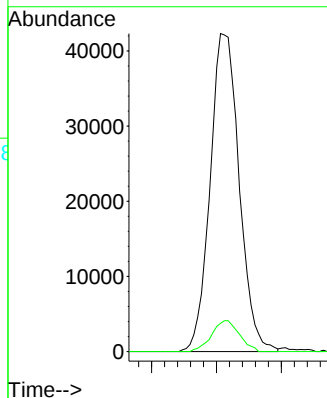
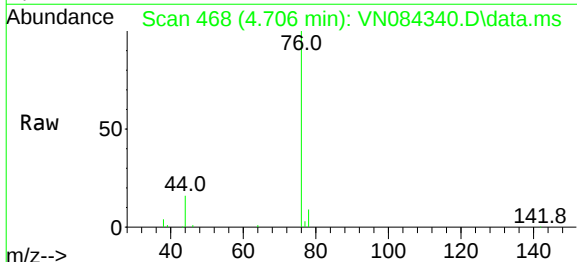
Manual Integrations
APPROVED

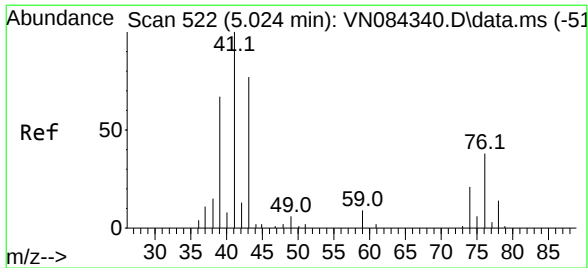
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#16
Carbon Disulfide
Concen: 20.510 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion: 76 Resp: 131855
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7





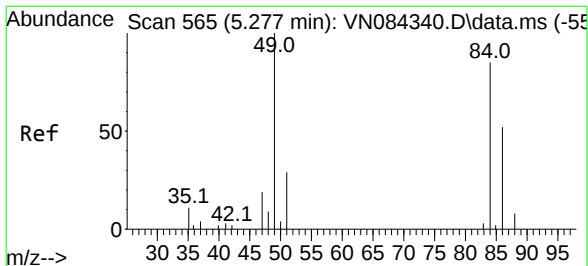
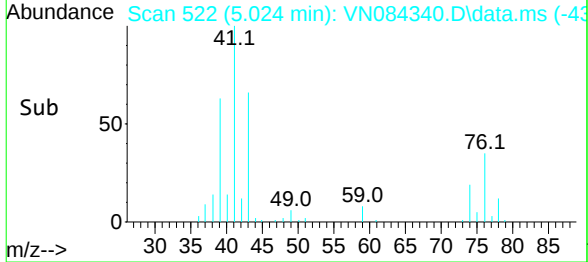
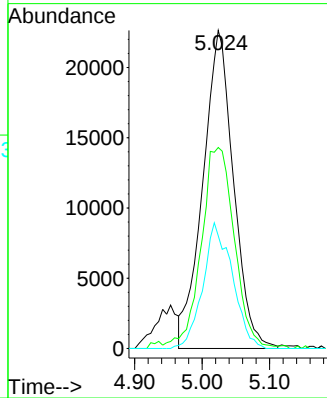
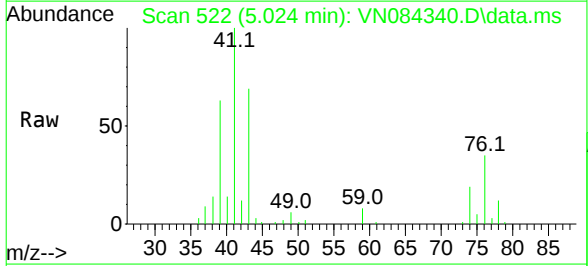
#17
Allyl chloride
Concen: 20.416 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:	41	Resp:	71450
Ion	Ratio	Lower	Upper
41	100		
39	62.9	31.4	94.3
76	35.7	17.8	53.5

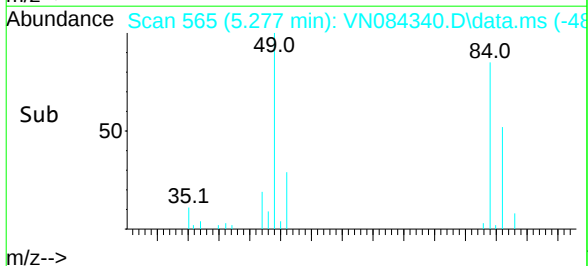
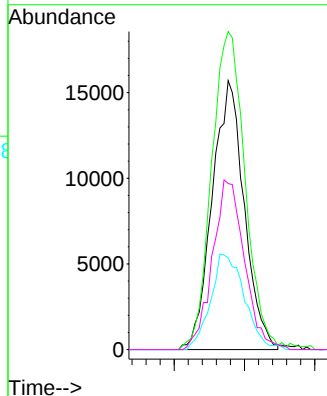
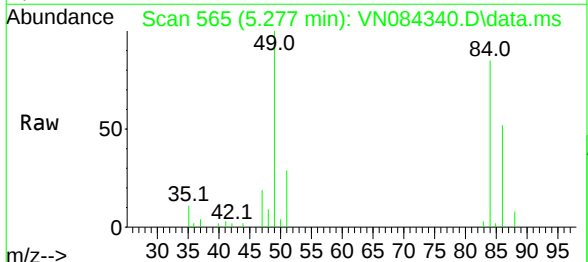
Manual Integrations
APPROVED

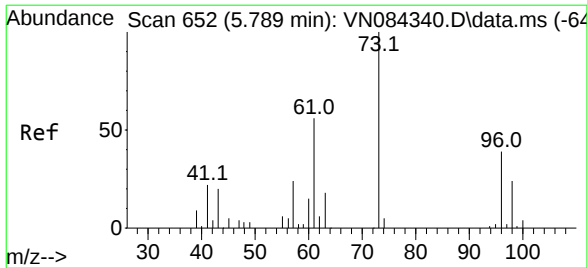
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#18
Methylene Chloride
Concen: 20.406 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

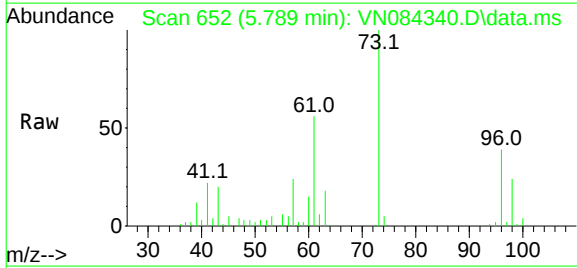
Tgt Ion:	84	Resp:	49627
Ion	Ratio	Lower	Upper
84	100		
49	118.3	94.6	142.0
51	34.1	27.3	40.9
86	61.7	49.4	74.0





#19
trans-1,2-Dichloroethene
Concen: 20.351 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

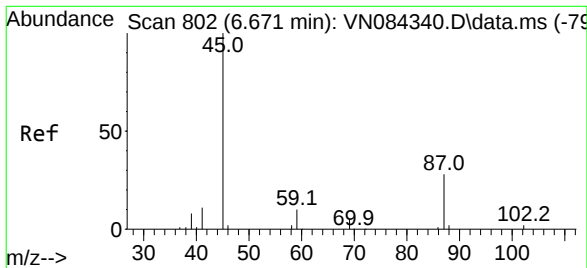
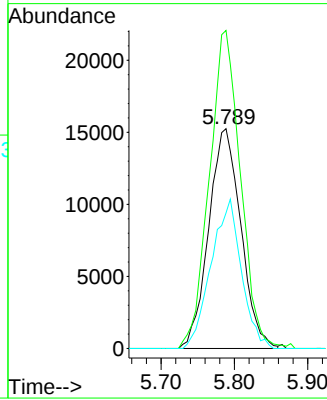
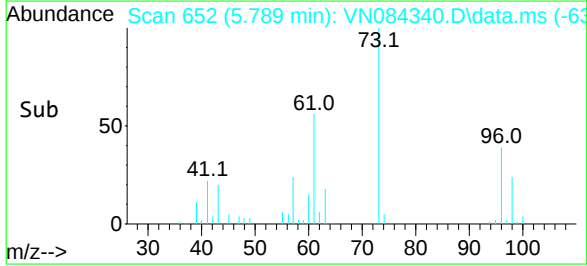
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 96 Resp: 46499
Ion Ratio Lower Upper
96 100
61 144.7 115.8 173.6
98 61.7 49.4 74.0

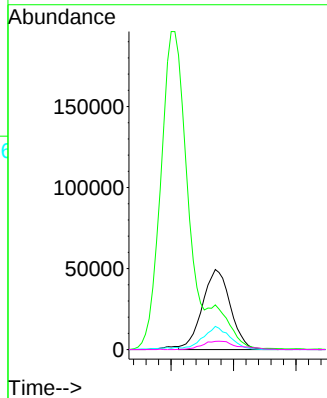
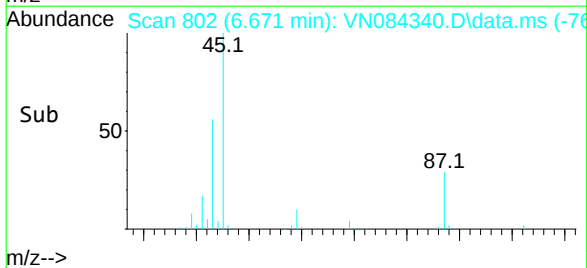
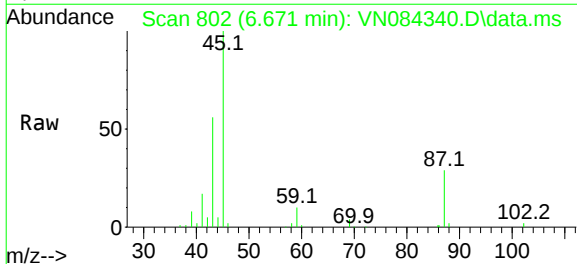
Manual Integrations
APPROVED

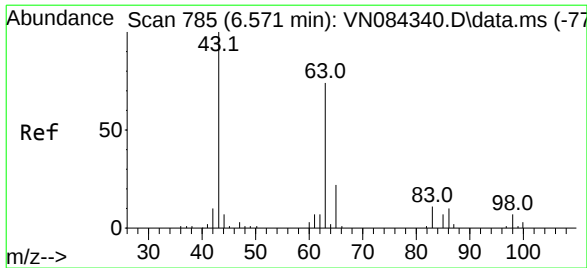
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#20
Diisopropyl ether
Concen: 20.444 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion: 45 Resp: 153833
Ion Ratio Lower Upper
45 100
43 54.6 43.7 65.5
87 28.9 23.1 34.7
59 10.3 8.2 12.4





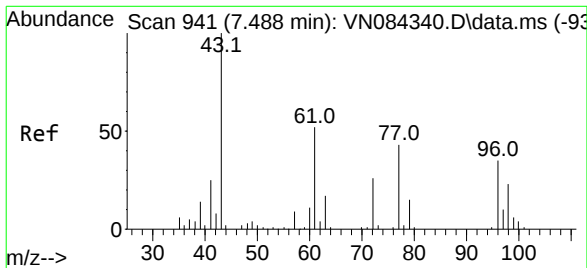
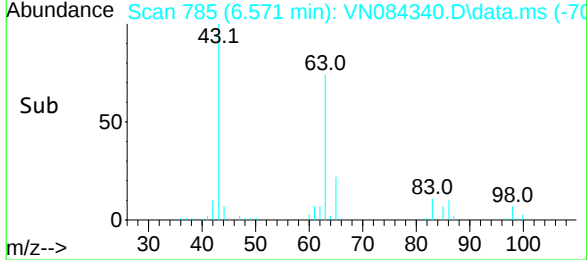
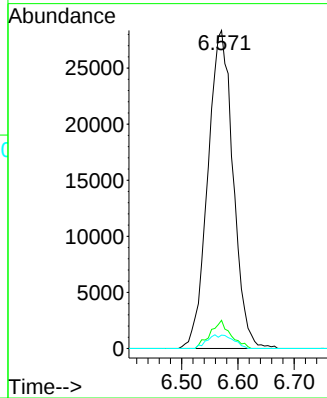
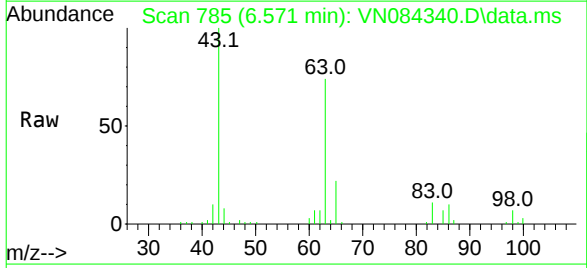
#21
1,1-Dichloroethane
Concen: 20.541 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion	Ratio	Lower	Upper
63	100		
98	8.9	4.5	13.4
100	4.2	2.1	6.3

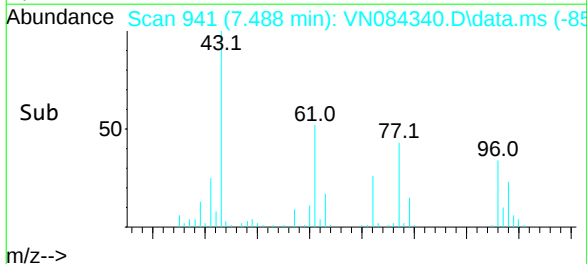
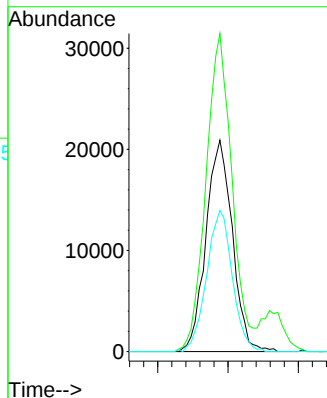
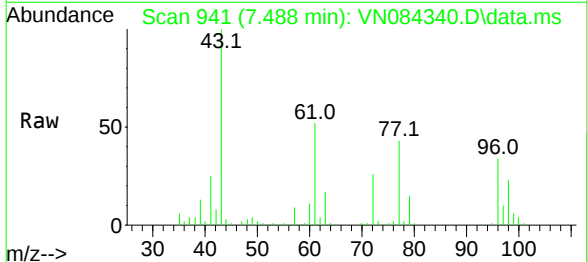
Manual Integrations
APPROVED

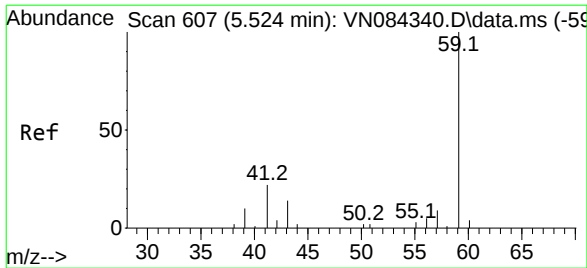
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#22
cis-1,2-Dichloroethene
Concen: 20.549 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.5	118.0	177.0
98	64.8	51.8	77.8





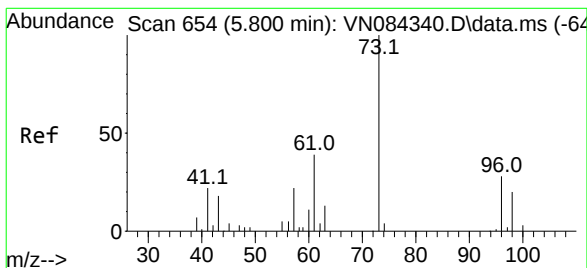
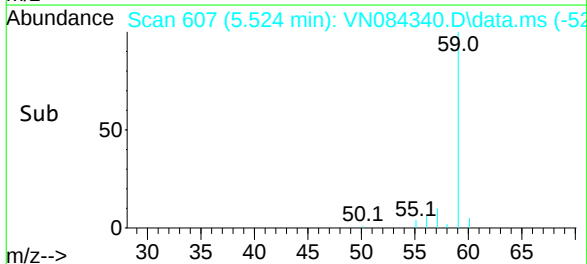
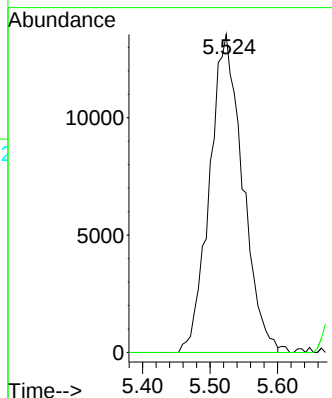
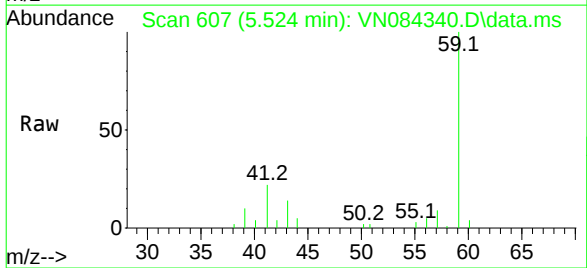
#23
tert-Butyl Alcohol
Concen: 99.059 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 46138
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

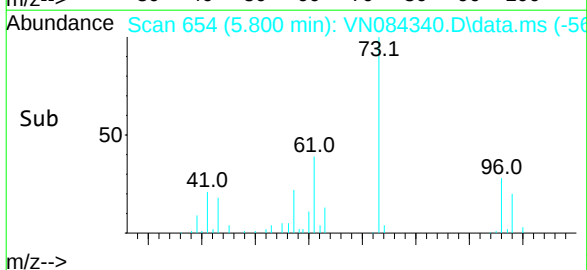
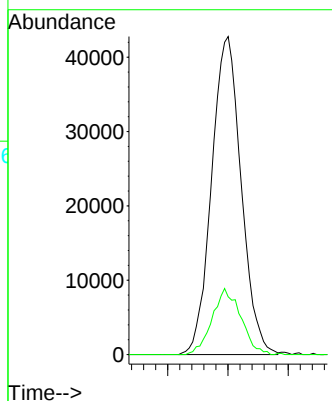
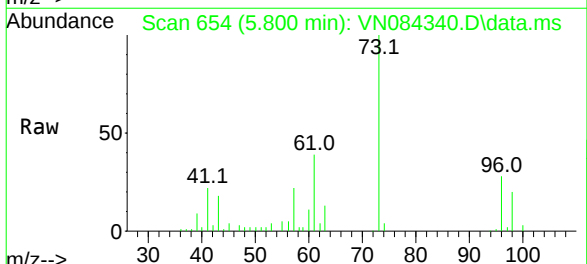
Manual Integrations
APPROVED

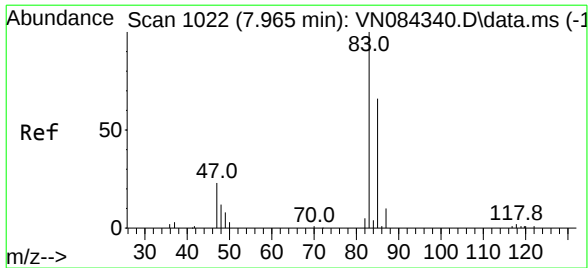
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#24
Methyl tert-Butyl Ether
Concen: 20.224 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion: 73 Resp: 145915
Ion Ratio Lower Upper
73 100
43 13.6 10.9 16.3





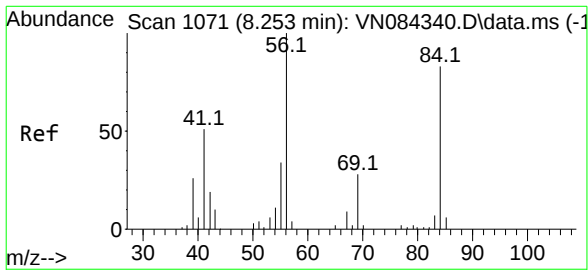
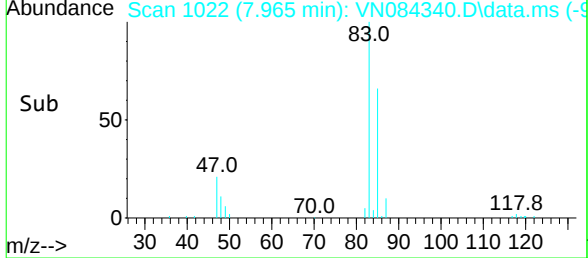
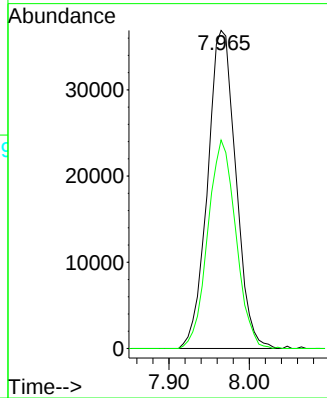
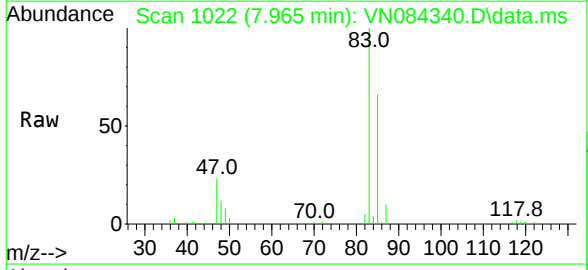
#25
 Chloroform
 Concen: 20.622 ug/l
 RT: 7.965 min Scan# 1022
 Delta R.T. 0.000 min
 Lab File: VN084340.D
 Acq: 08 Oct 2024 10:55

Instrument : MSVOA_N
 ClientSampleId : VSTDICCC020

Tgt Ion:	83	Resp:	90176
Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.4	78.6

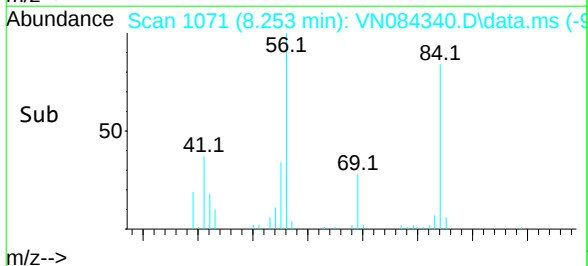
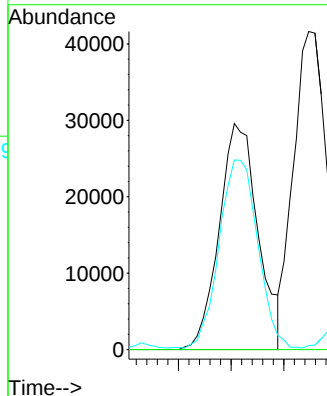
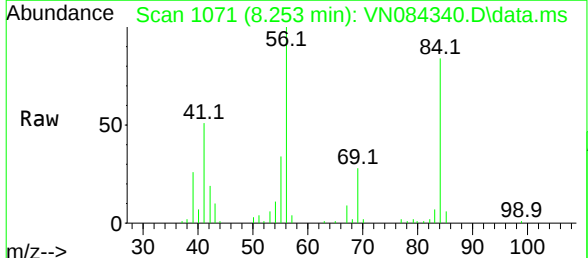
Manual Integrations
APPROVED

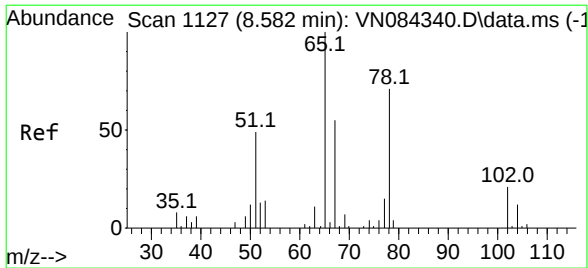
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024



#26
 Cyclohexane
 Concen: 21.064 ug/l
 RT: 8.253 min Scan# 1071
 Delta R.T. 0.000 min
 Lab File: VN084340.D
 Acq: 08 Oct 2024 10:55

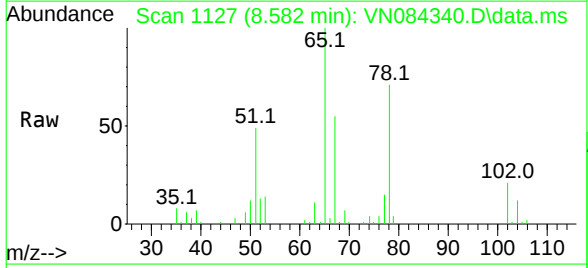
Tgt Ion:	56	Resp:	76065
Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	83.8	67.0	100.6





#27
1,2-Dichloroethane-d4
Concen: 30.638 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

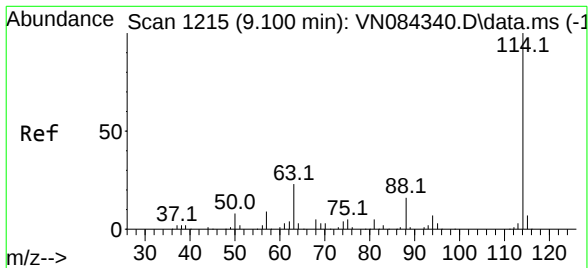
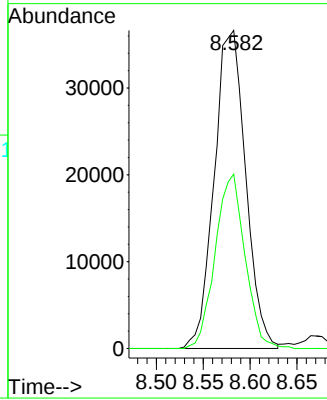
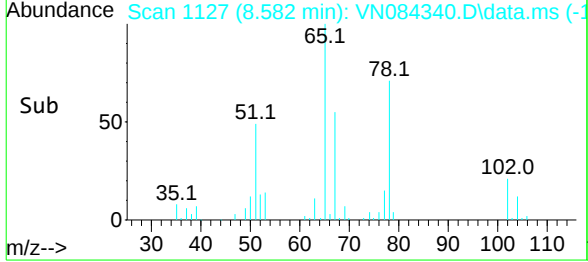
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



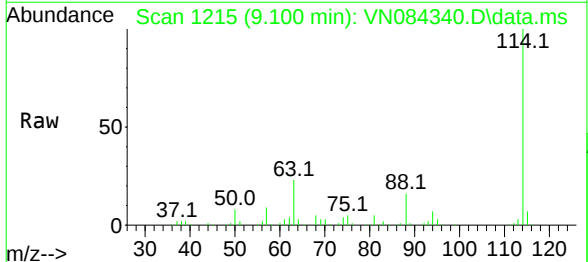
Tgt Ion: 65 Resp: 85525
Ion Ratio Lower Upper
65 100
67 51.9 41.5 62.3

Manual Integrations
APPROVED

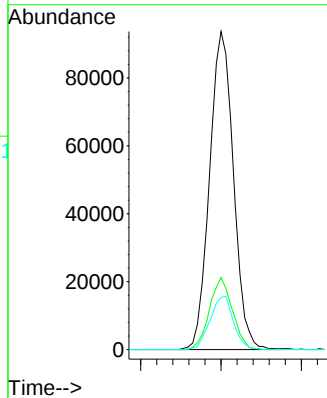
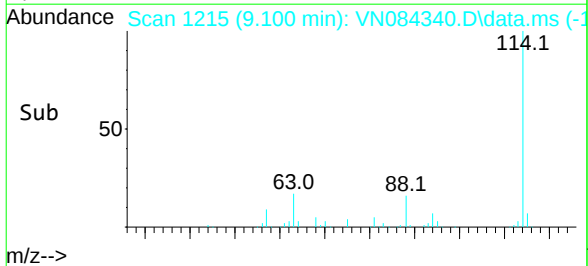
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

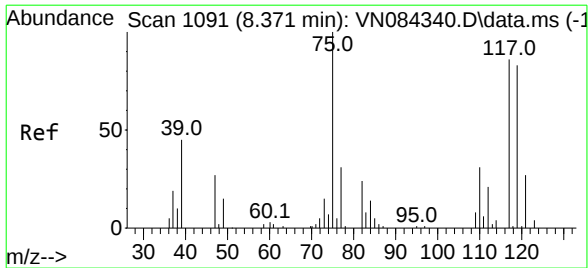


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55



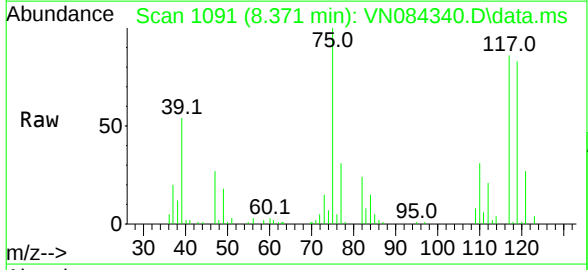
Tgt Ion: 114 Resp: 193364
Ion Ratio Lower Upper
114 100
63 21.7 17.4 26.0
88 16.5 13.2 19.8





#29
1,1-Dichloropropene
Concen: 20.003 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

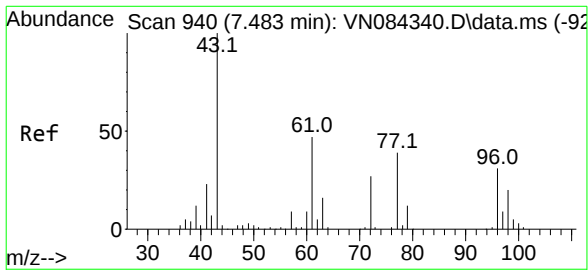
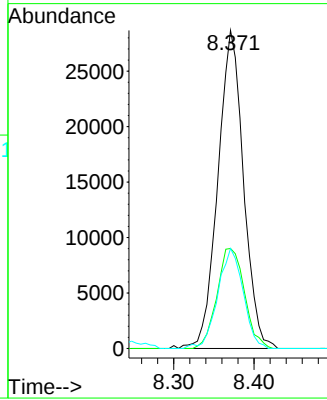
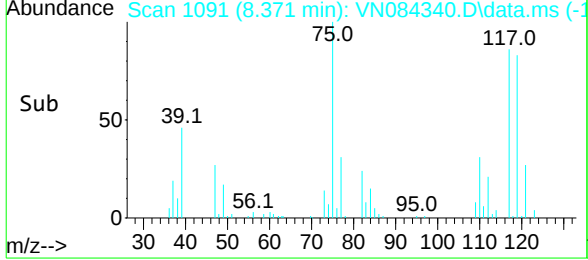
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



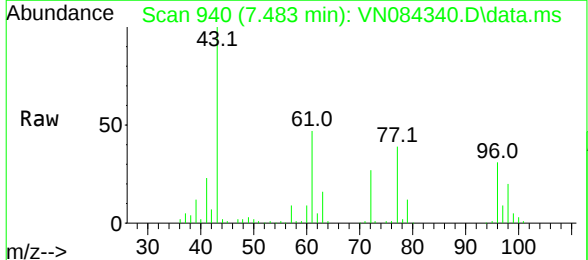
Tgt Ion: 75 Resp: 63494
Ion Ratio Lower Upper
75 100
110 33.8 0.0 67.6
77 30.7 0.0 61.4

Manual Integrations
APPROVED

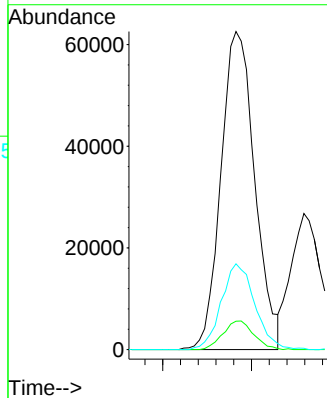
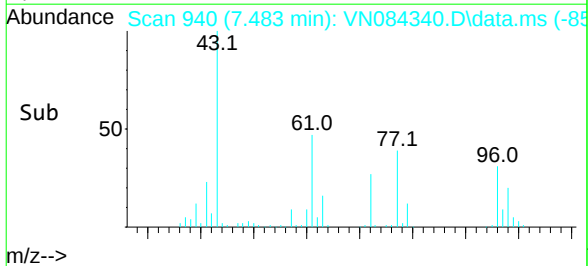
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

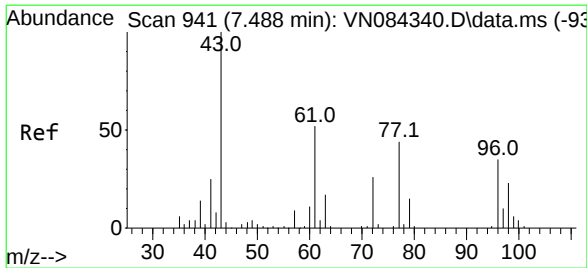


#30
2-Butanone
Concen: 98.088 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55



Tgt Ion: 43 Resp: 165771
Ion Ratio Lower Upper
43 100
57 8.2 6.6 9.8
72 26.6 21.3 31.9





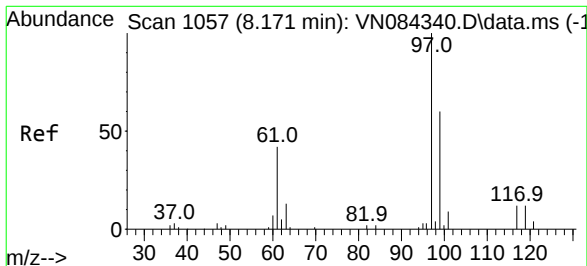
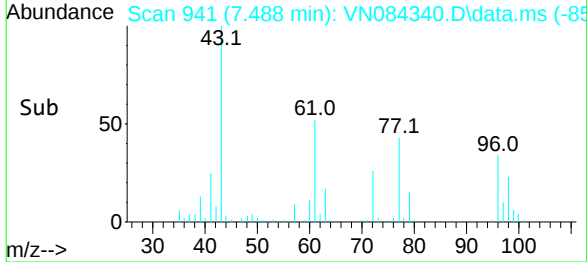
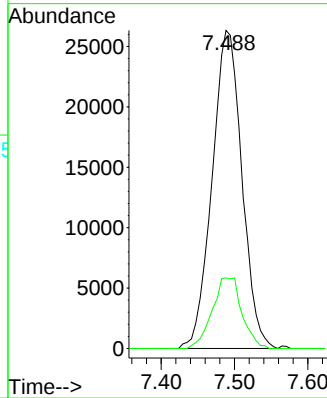
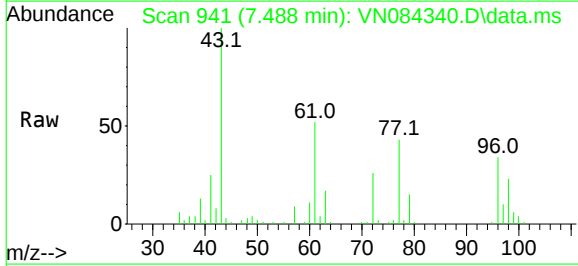
#31
2,2-Dichloropropane
Concen: 19.908 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 74258
Ion Ratio Lower Upper
77 100
97 14.4 11.5 17.3

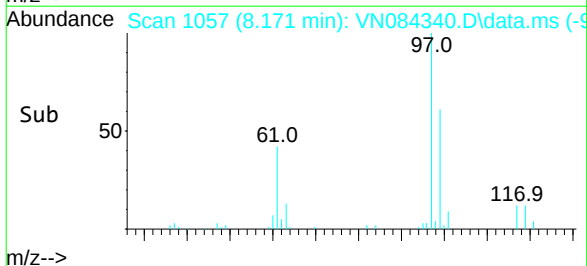
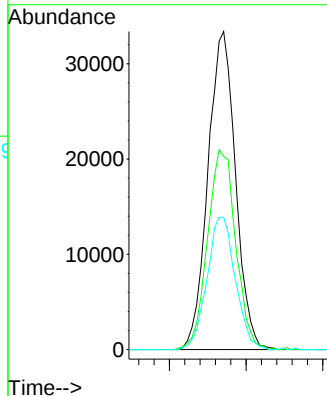
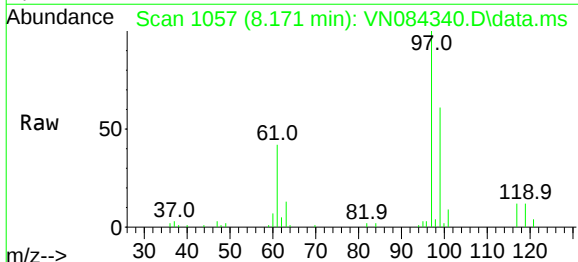
Manual Integrations
APPROVED

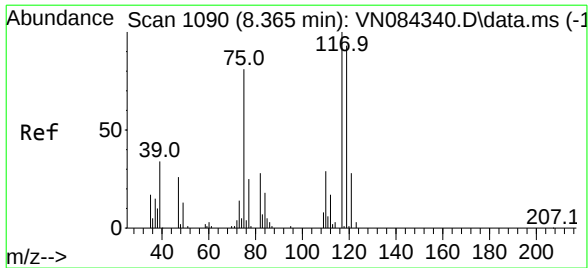
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#32
1,1,1-Trichloroethane
Concen: 20.585 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion: 97 Resp: 83522
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 42.6 34.1 51.1





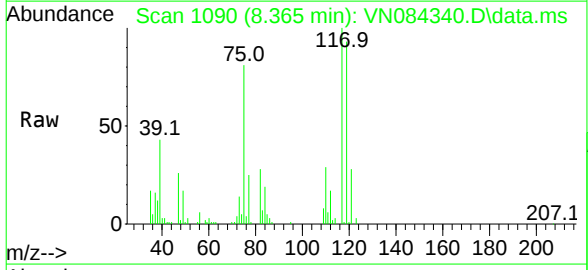
#33
Carbon Tetrachloride
Concen: 19.964 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020



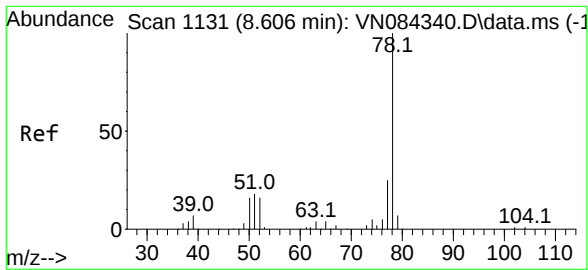
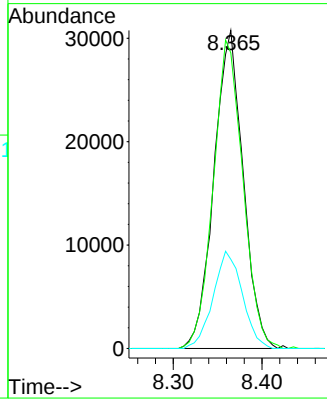
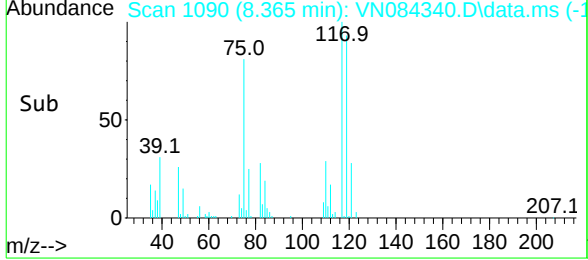
Tgt Ion:	117	Resp:	70174
Ion	Ratio	Lower	Upper
117	100		
119	92.9	74.3	111.5
121	28.0	22.4	33.6

Manual Integrations

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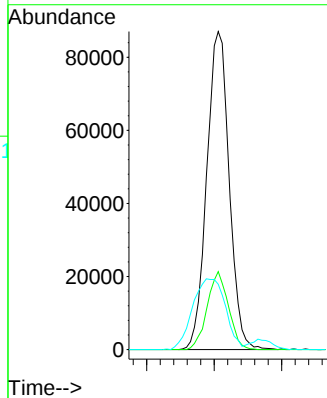
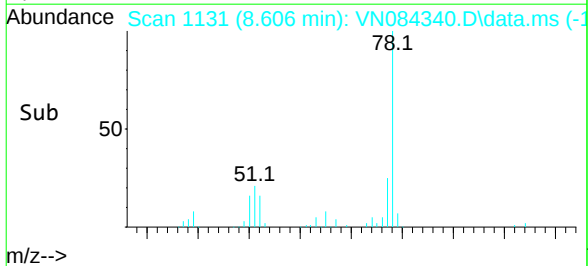
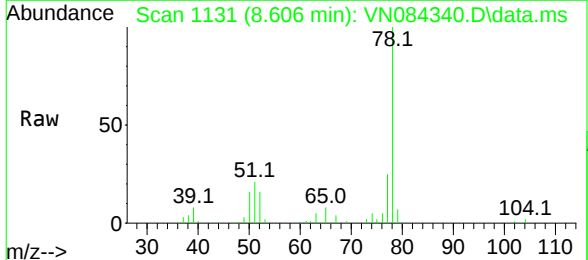
Reviewed By :John Carlone 10/09/2024

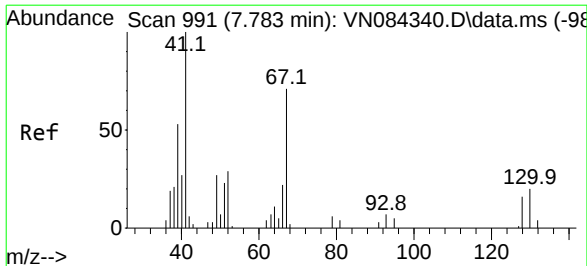
Supervised By :Mahesh Dadoda 10/09/2024



#34
Benzene
Concen: 20.202 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion:	78	Resp:	200730
Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.6	29.4
51	19.7	15.8	23.6





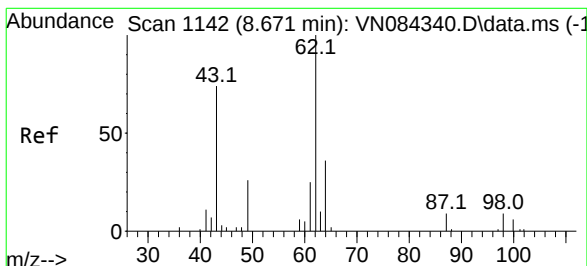
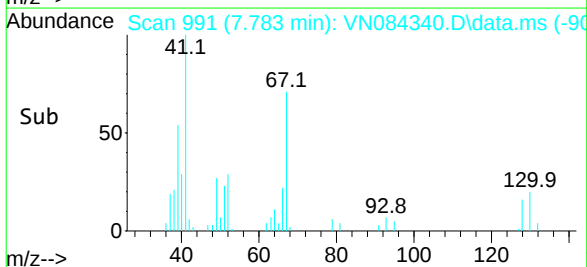
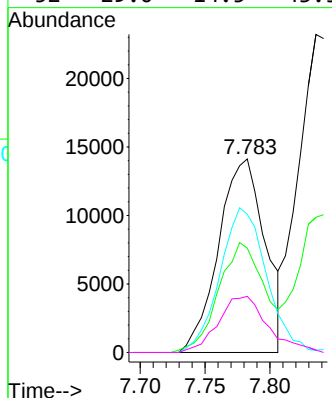
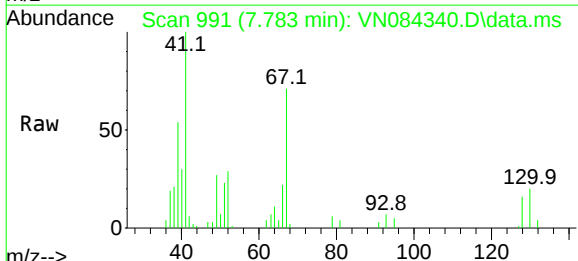
#35
Methacrylonitrile
Concen: 19.549 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 41 Resp: 35246
Ion Ratio Lower Upper
41 100
39 52.7 26.4 79.0
67 71.4 35.7 107.1
52 29.0 14.5 43.5

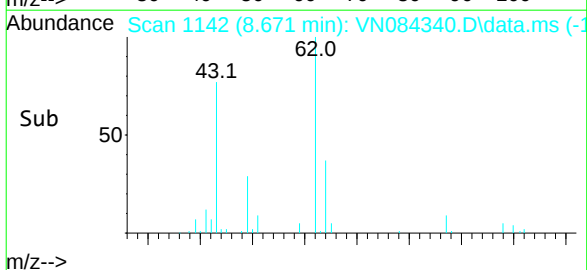
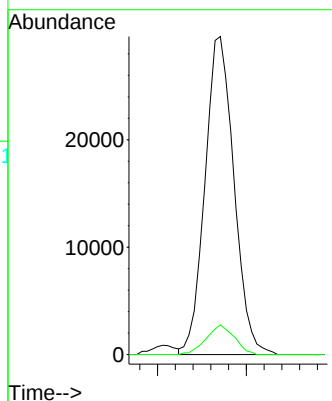
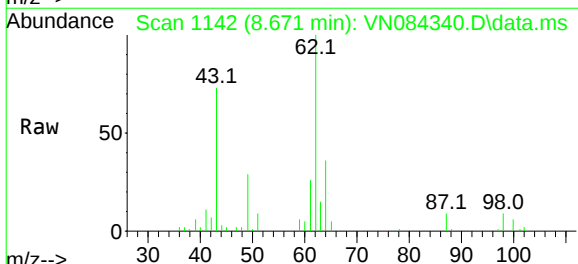
Manual Integrations
APPROVED

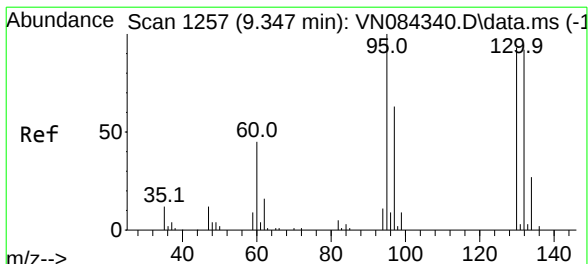
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#36
1,2-Dichloroethane
Concen: 20.311 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

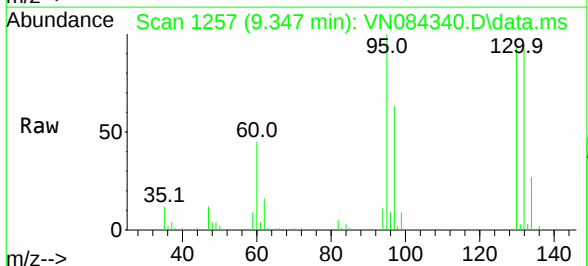
Tgt Ion: 62 Resp: 67270
Ion Ratio Lower Upper
62 100
98 9.1 7.3 10.9





#37
 Trichloroethene
 Concen: 20.604 ug/l
 RT: 9.347 min Scan# 1257
 Delta R.T. 0.000 min
 Lab File: VN084340.D
 Acq: 08 Oct 2024 10:55

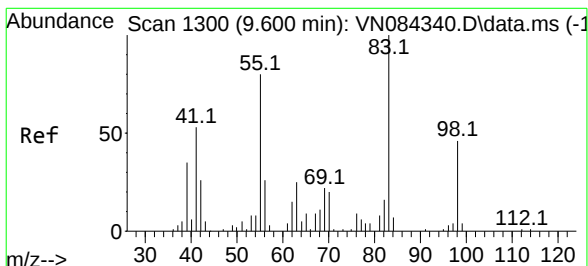
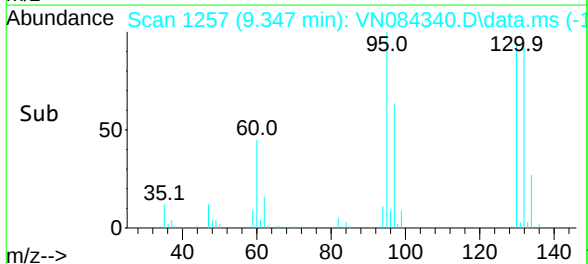
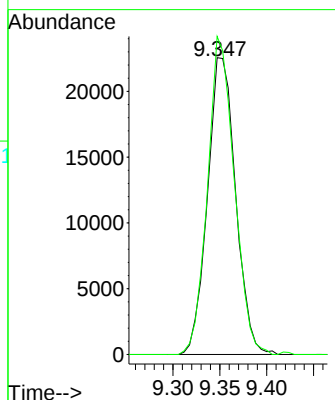
Instrument : MSVOA_N
 ClientSampleId : VSTDICCC020



Tgt Ion:	130	Resp:	47143
Ion	Ratio	Lower	Upper
130	100		
95	107.2	85.8	128.6

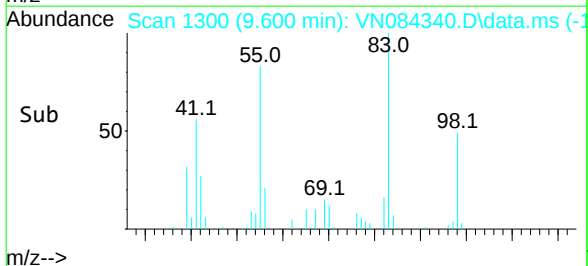
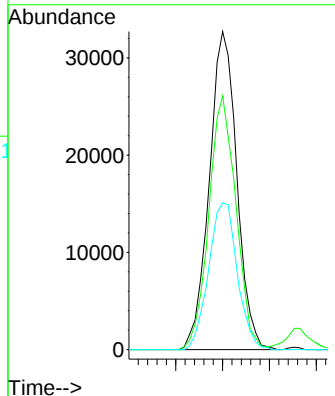
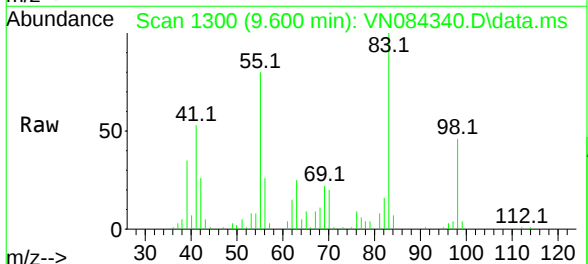
Manual Integrations
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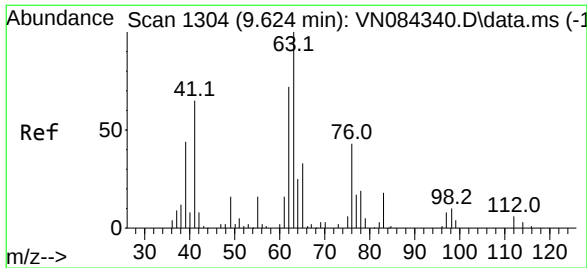
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024



#38
 Methylcyclohexane
 Concen: 19.189 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. 0.000 min
 Lab File: VN084340.D
 Acq: 08 Oct 2024 10:55

Tgt Ion:	83	Resp:	66905
Ion	Ratio	Lower	Upper
83	100		
55	78.5	39.3	117.8
98	48.0	24.0	72.0





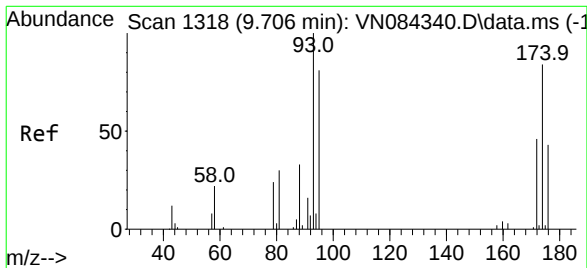
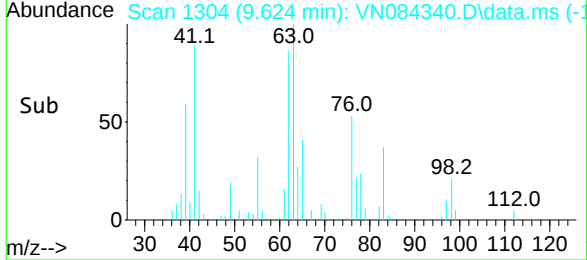
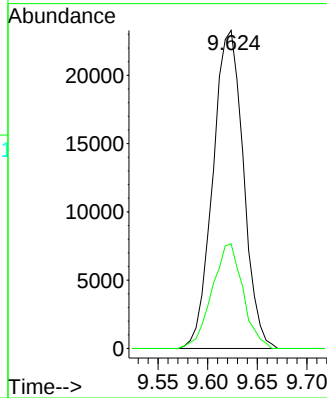
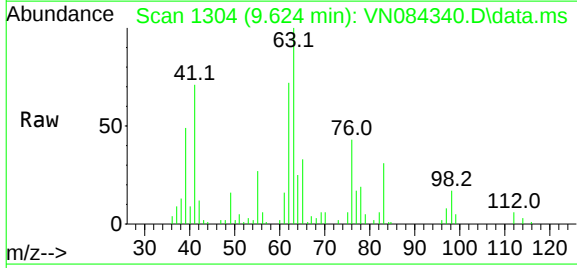
#39
1,2-Dichloropropane
Concen: 20.547 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 49785
Ion Ratio Lower Upper
63 100
65 32.9 26.3 39.5

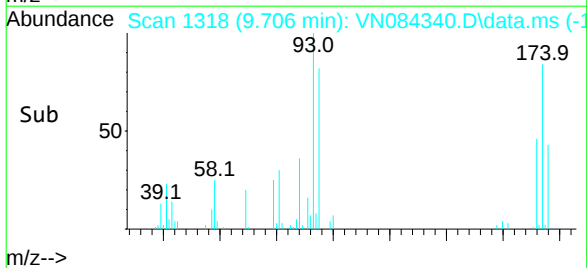
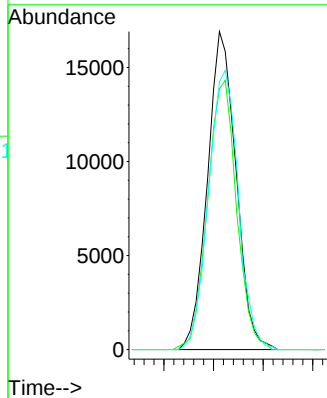
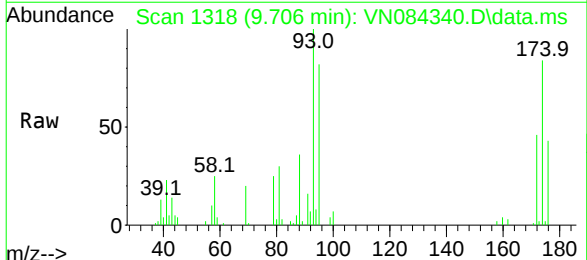
Manual Integrations
APPROVED

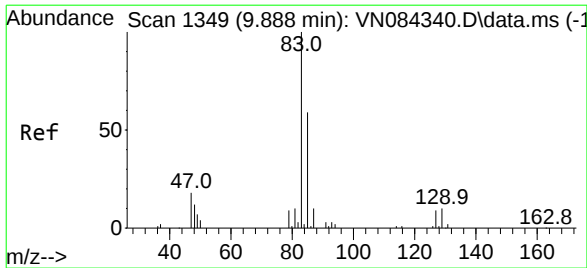
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#40
Dibromomethane
Concen: 20.007 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion: 93 Resp: 33881
Ion Ratio Lower Upper
93 100
95 85.7 0.0 171.4
174 91.5 0.0 183.0





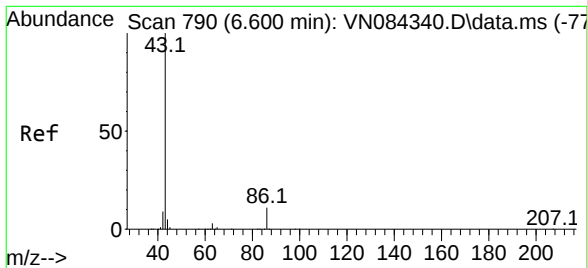
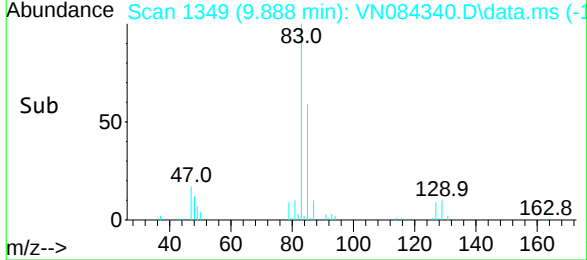
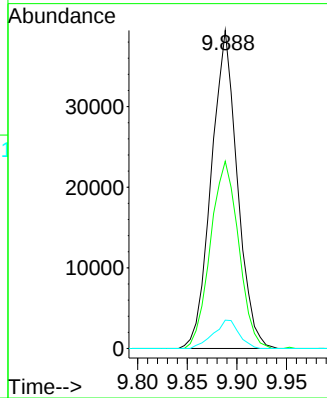
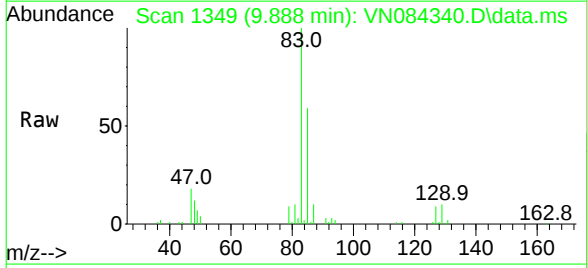
#41
Bromodichloromethane
Concen: 20.057 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 72106
Ion Ratio Lower Upper
83 100
85 58.9 47.1 70.7
127 8.9 7.1 10.7

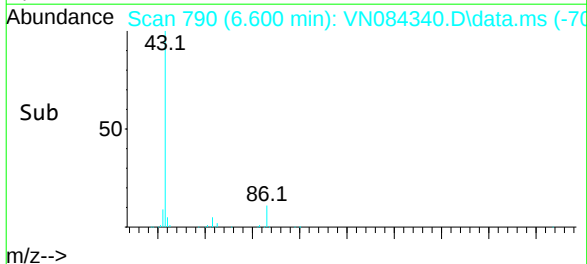
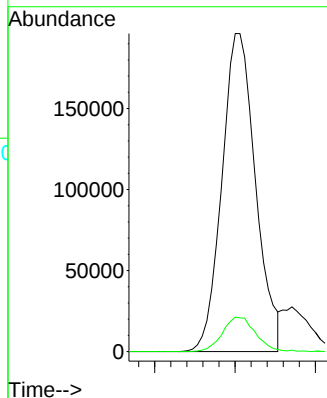
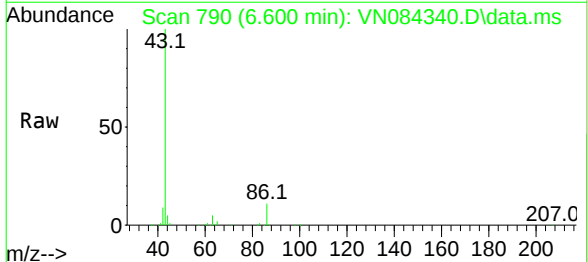
Manual Integrations
APPROVED

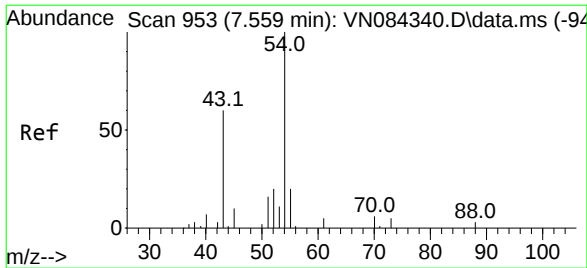
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#42
Vinyl Acetate
Concen: 97.351 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion: 43 Resp: 572205
Ion Ratio Lower Upper
43 100
86 10.6 8.5 12.7





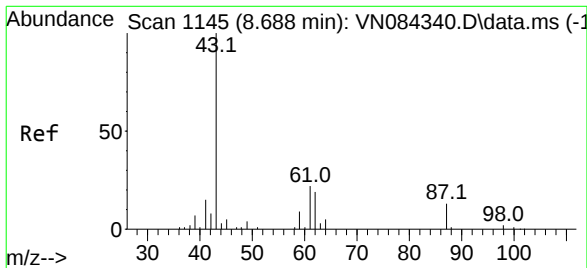
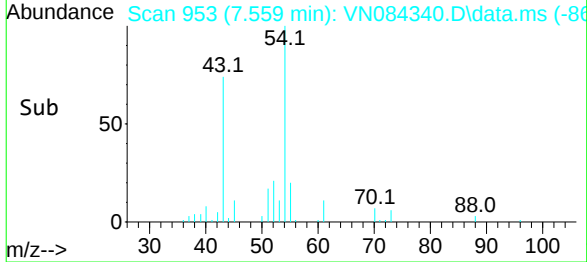
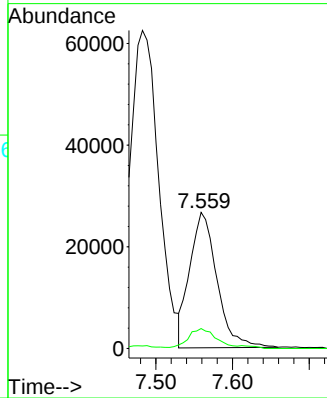
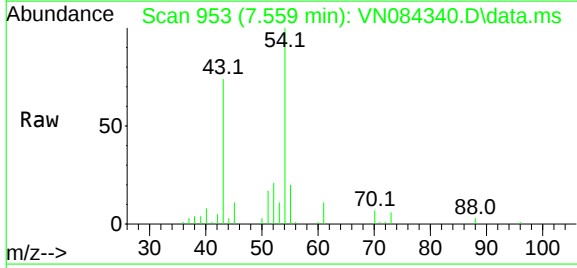
#43
Ethyl Acetate
Concen: 19.692 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 65636
Ion Ratio Lower Upper
43 100
45 13.3 10.6 16.0

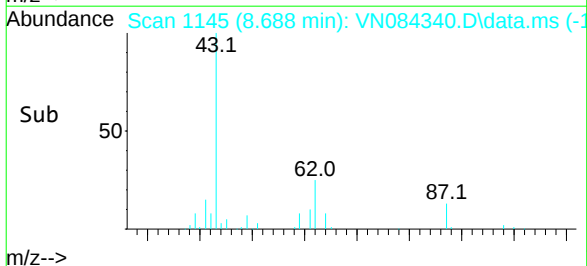
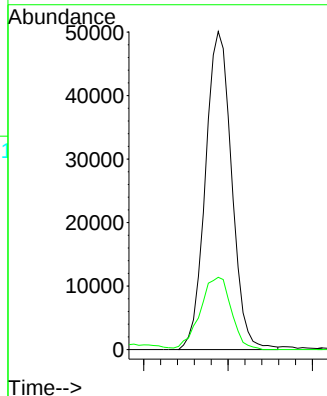
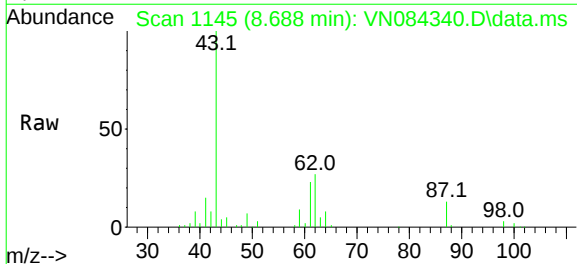
Manual Integrations
APPROVED

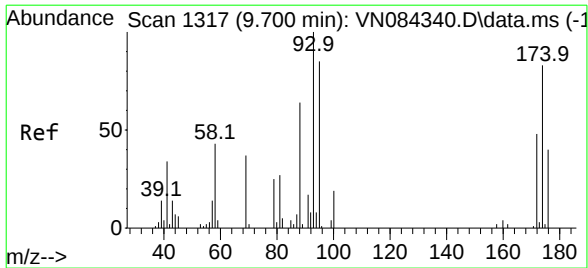
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#44
Isopropyl Acetate
Concen: 19.860 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion: 43 Resp: 108346
Ion Ratio Lower Upper
43 100
61 26.8 21.4 32.2





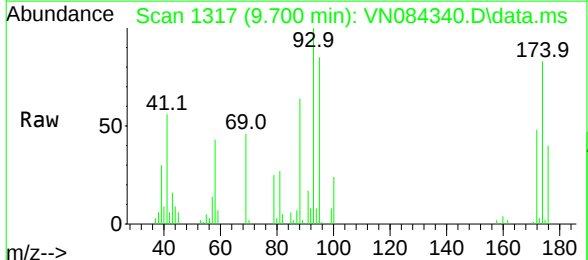
#45
 1,4-Dioxane
 Concen: 376.387 ug/l
 RT: 9.700 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VN084340.D
 Acq: 08 Oct 2024 10:55

Instrument :

MSVOA_N

ClientSampleId :

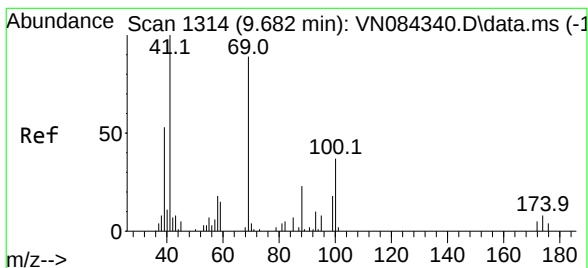
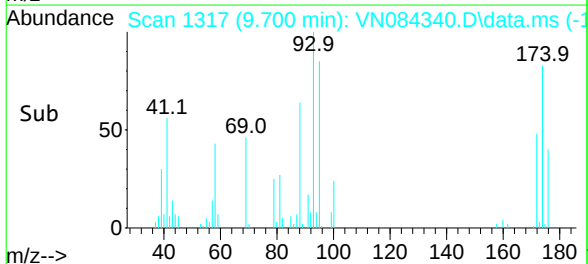
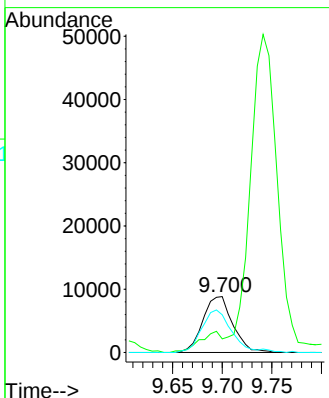
VSTDICCC020



Tgt Ion:	88	Resp:	18510
Ion	Ratio	Lower	Upper
88	100		
43	28.0	22.4	33.6
58	74.6	59.7	89.5

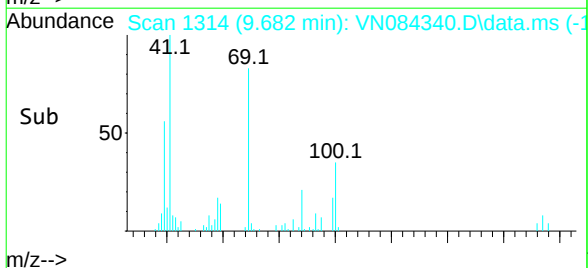
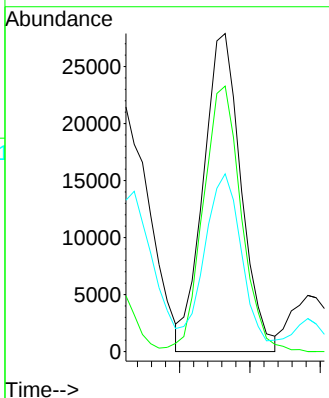
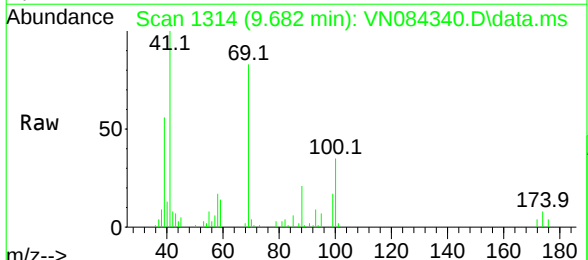
Manual Integrations
 APPROVED

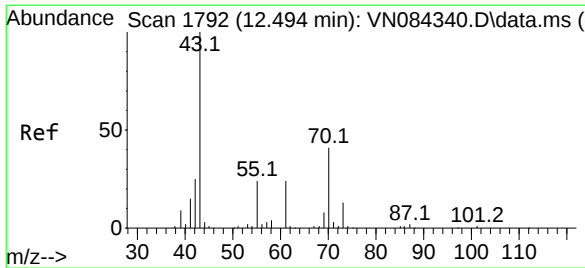
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024



#46
 Methyl methacrylate
 Concen: 19.761 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. 0.000 min
 Lab File: VN084340.D
 Acq: 08 Oct 2024 10:55

Tgt Ion:	41	Resp:	52087
Ion	Ratio	Lower	Upper
41	100		
69	85.3	42.6	128.0
39	54.9	27.5	82.4





#47

n-amy1 Acetate

Concen: 19.654 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084340.D

Acq: 08 Oct 2024 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 95368

Ion Ratio Lower Upper

43 100

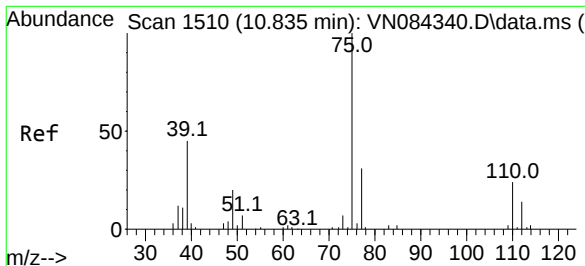
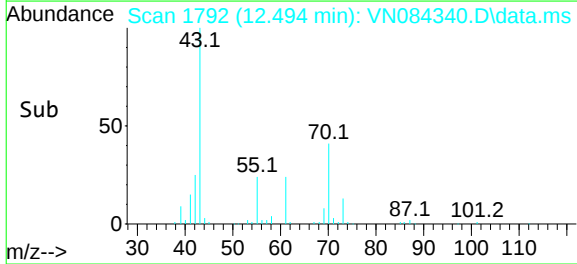
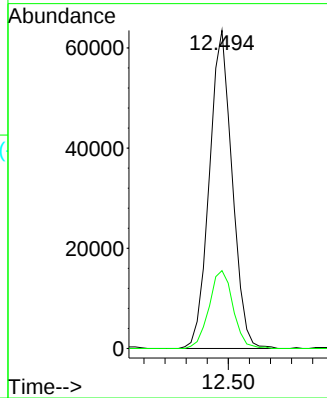
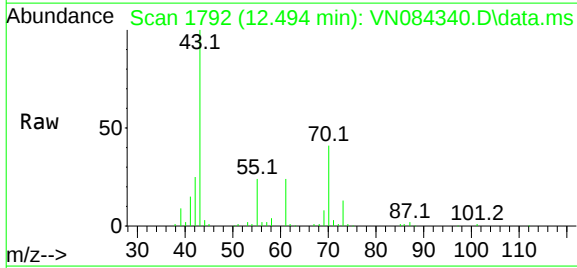
55 25.8 20.6 31.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#48

t-1,3-Dichloropropene

Concen: 19.470 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN084340.D

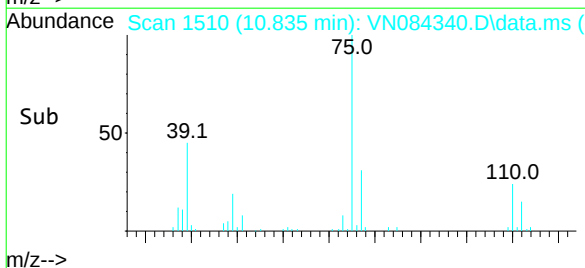
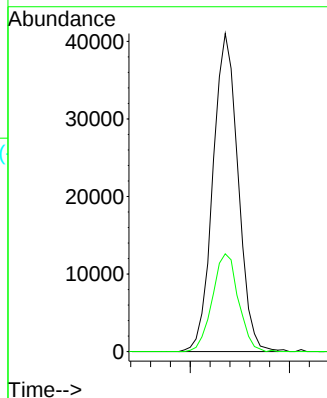
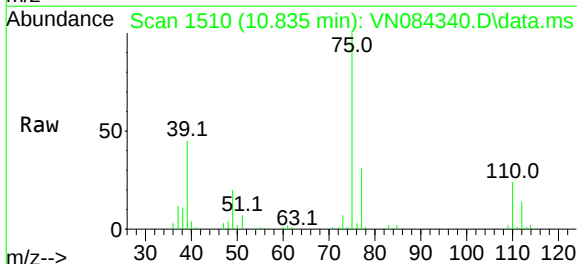
Acq: 08 Oct 2024 10:55

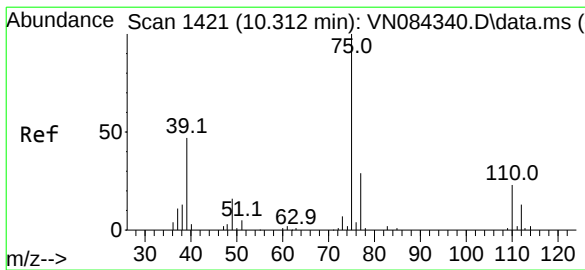
Tgt Ion: 75 Resp: 72331

Ion Ratio Lower Upper

75 100

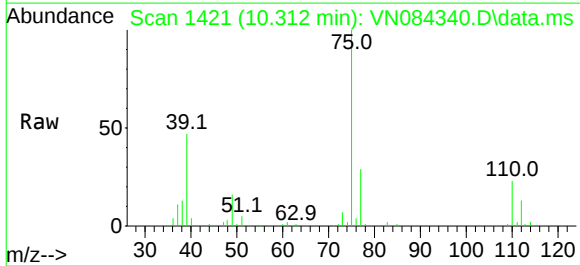
77 30.8 24.6 37.0





#49
 cis-1,3-Dichloropropene
 Concen: 20.292 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN084340.D
 Acq: 08 Oct 2024 10:55

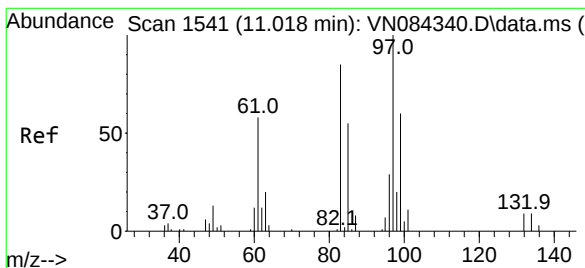
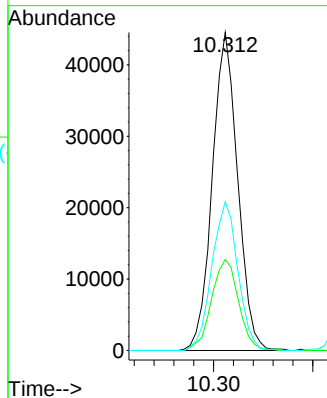
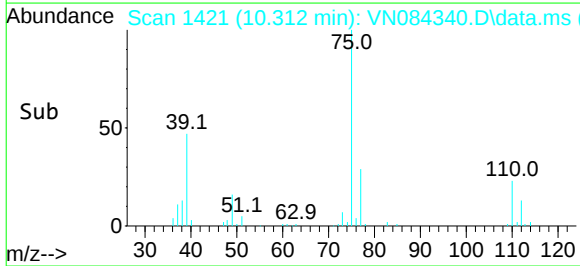
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 75	Resp: 79003
Ion Ratio	Lower Upper
75 100	
77 28.6	22.9 34.3
39 46.8	37.4 56.2

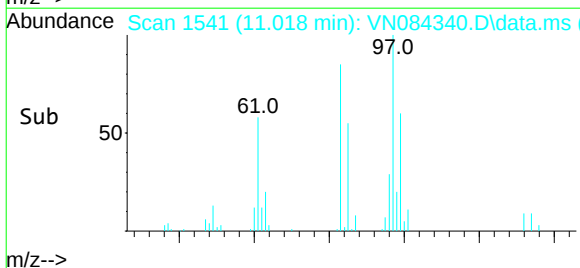
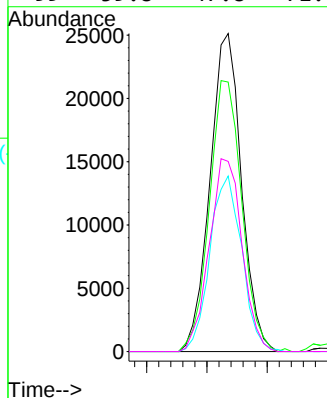
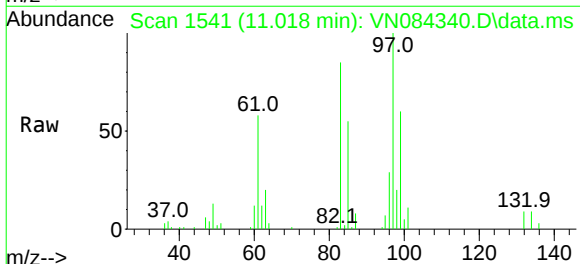
Manual Integrations
 APPROVED

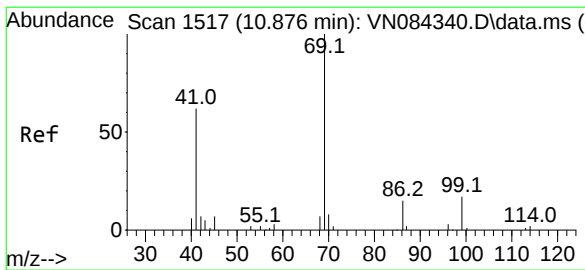
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024



#50
 1,1,2-Trichloroethane
 Concen: 20.033 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN084340.D
 Acq: 08 Oct 2024 10:55

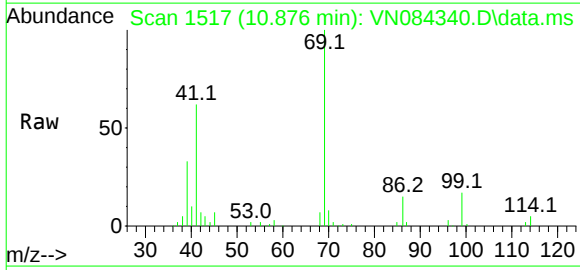
Tgt Ion: 97	Resp: 45599
Ion Ratio	Lower Upper
97 100	
83 84.8	67.8 101.8
85 55.2	44.2 66.2
99 59.8	47.8 71.8





#51
Ethyl methacrylate
Concen: 19.701 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

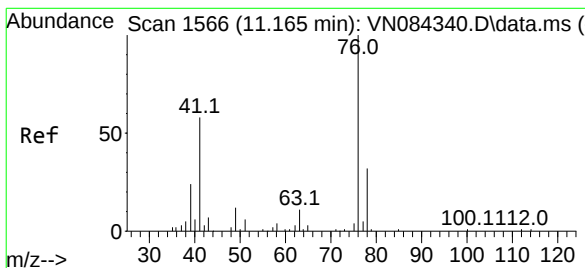
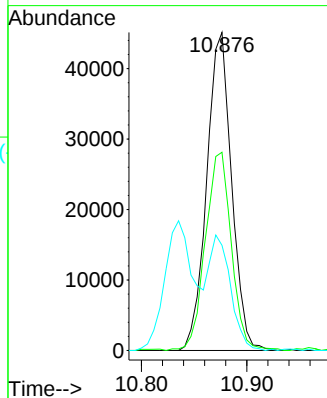
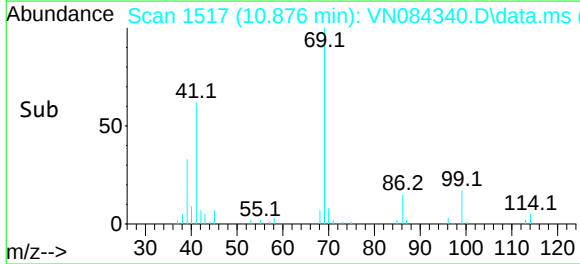
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 74076
Ion Ratio Lower Upper
69 100
41 61.8 30.9 92.7
39 33.1 16.6 49.7

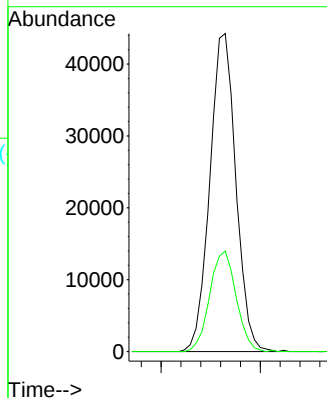
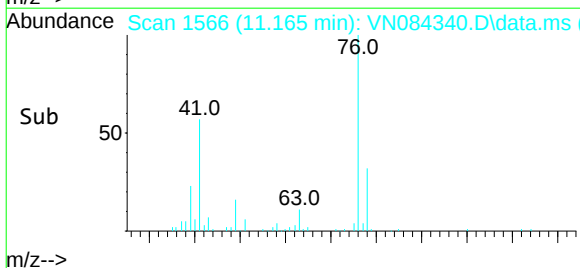
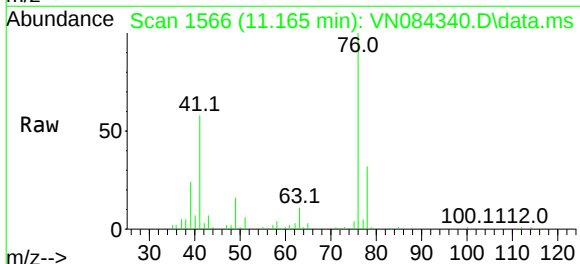
Manual Integrations
APPROVED

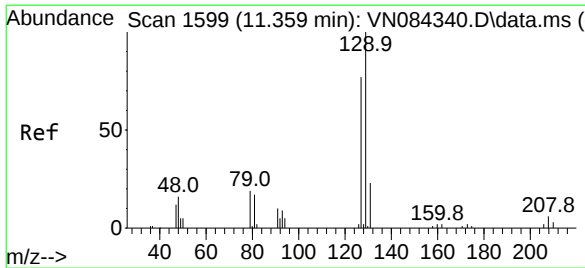
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#52
1,3-Dichloropropane
Concen: 20.257 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion: 76 Resp: 80622
Ion Ratio Lower Upper
76 100
78 32.1 0.0 64.2





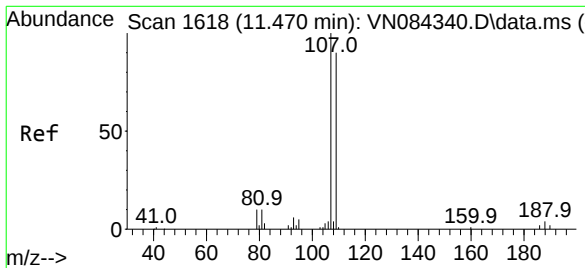
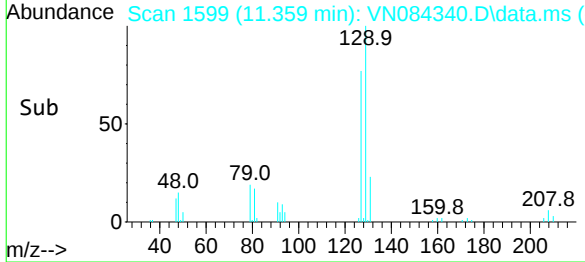
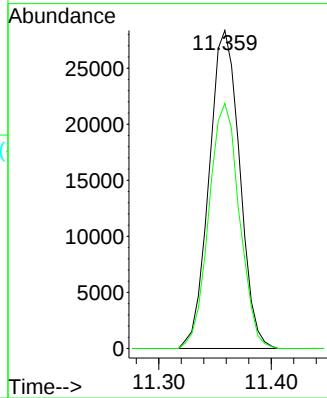
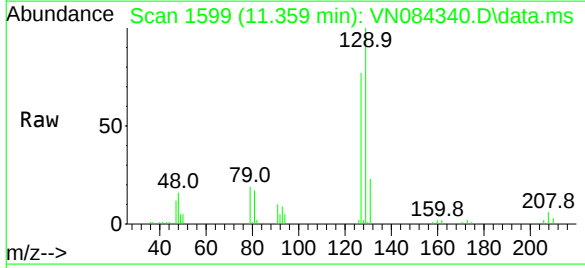
#53
Dibromochloromethane
Concen: 19.920 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:129 Resp: 53563
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

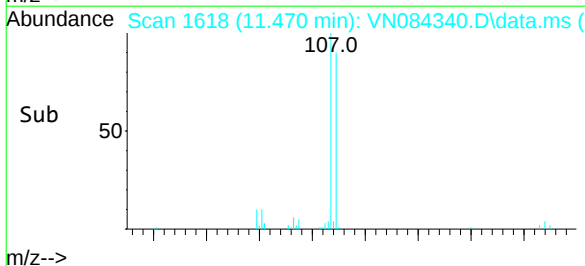
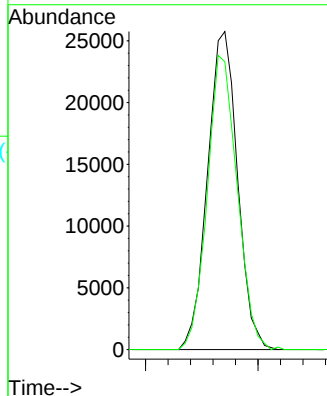
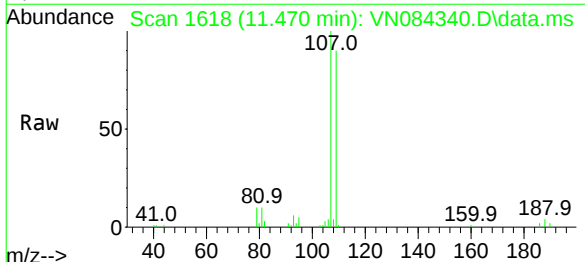
Manual Integrations
APPROVED

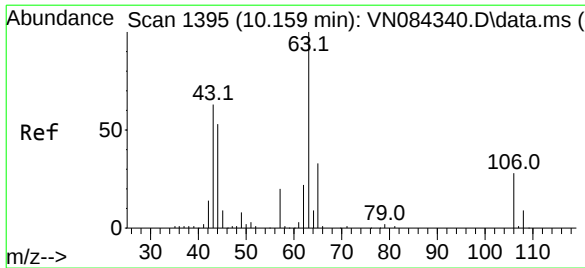
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#54
1,2-Dibromoethane
Concen: 20.362 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

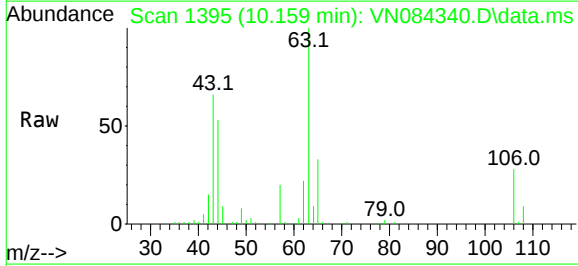
Tgt Ion:107 Resp: 47708
Ion Ratio Lower Upper
107 100
109 92.2 73.8 110.6





#55
2-Chloroethyl vinyl ether
Concen: 94.667 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

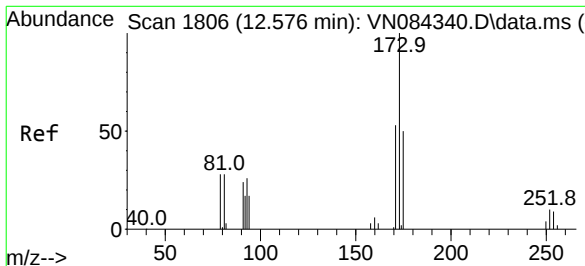
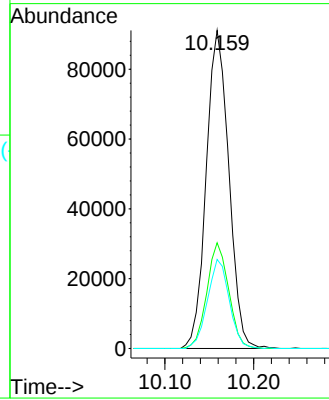
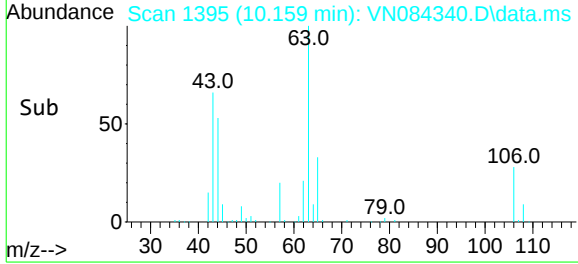
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



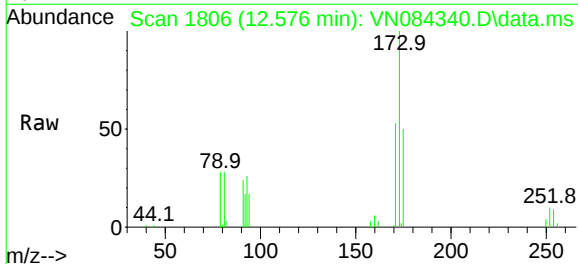
Tgt Ion: 63 Resp: 161430
Ion Ratio Lower Upper
63 100
65 32.0 25.6 38.4
106 27.0 21.6 32.4

Manual Integrations
APPROVED

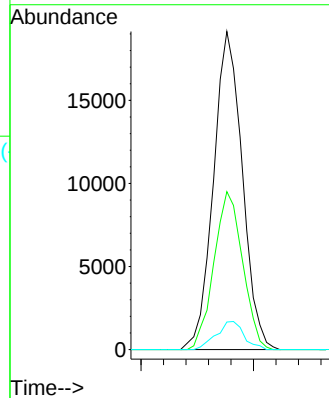
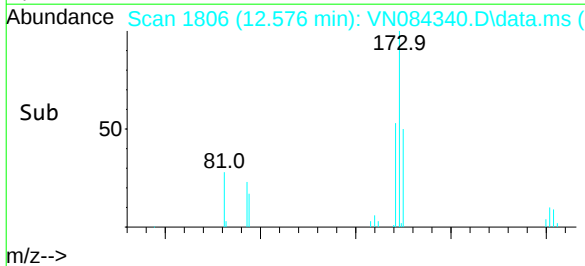
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

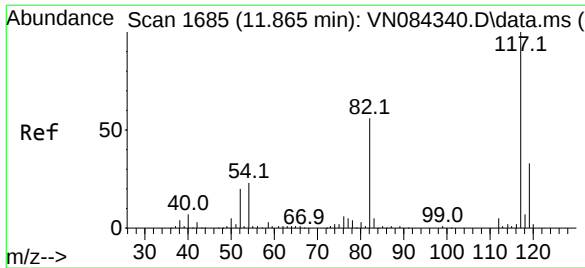


#56
Bromoform
Concen: 19.091 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55



Tgt Ion:173 Resp: 34047
Ion Ratio Lower Upper
173 100
175 49.3 39.4 59.2
254 8.5 6.8 10.2





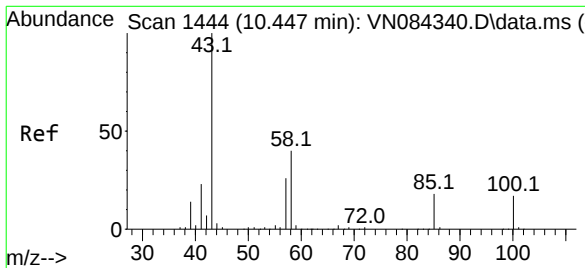
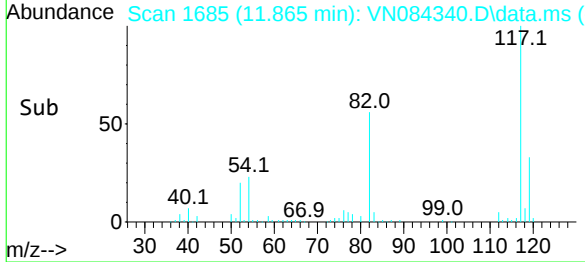
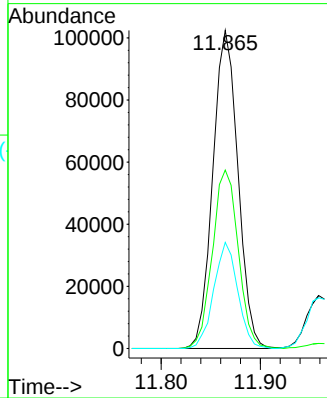
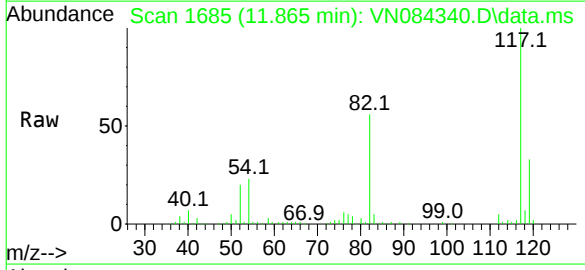
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 117 Resp: 180372
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 31.8 25.4 38.2

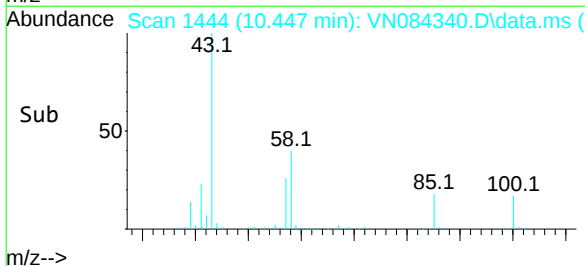
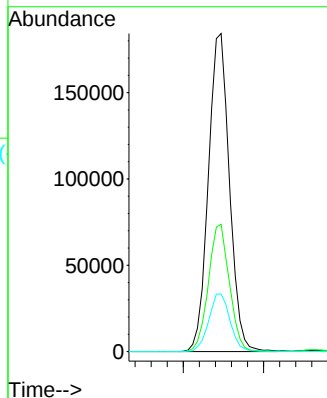
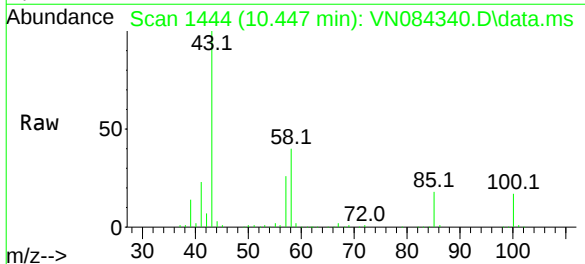
Manual Integrations
APPROVED

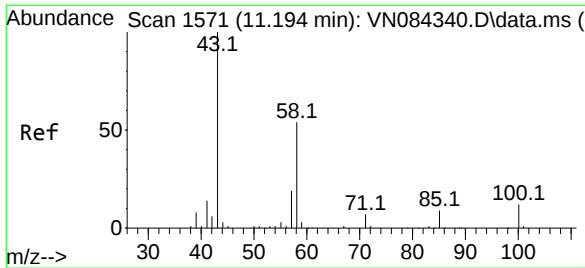
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#58
4-Methyl-2-Pentanone
Concen: 100.014 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion: 43 Resp: 336052
Ion Ratio Lower Upper
43 100
58 39.9 31.9 47.9
85 18.3 14.6 22.0





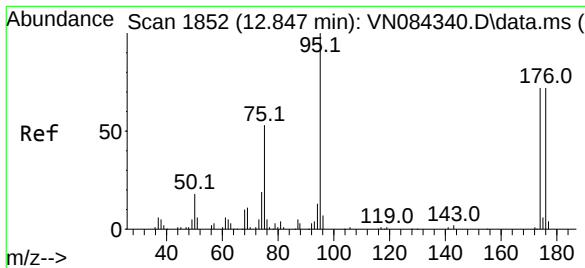
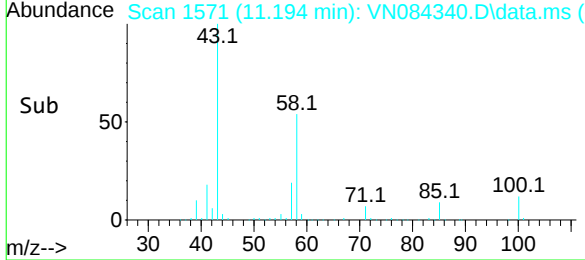
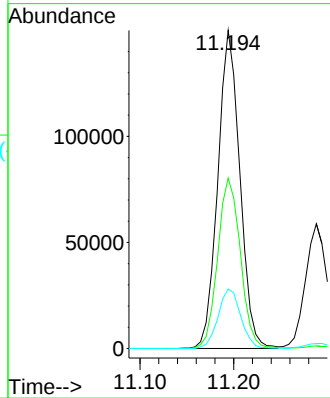
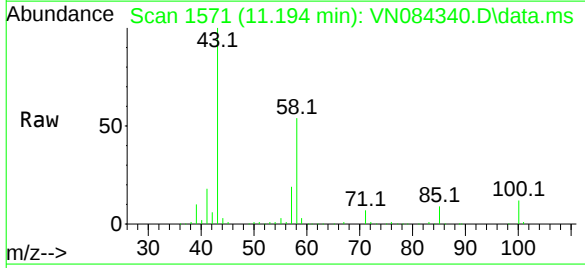
#59
2-Hexanone
Concen: 98.139 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 245036
Ion Ratio Lower Upper
43 100
58 55.0 44.0 66.0
57 19.3 15.4 23.2

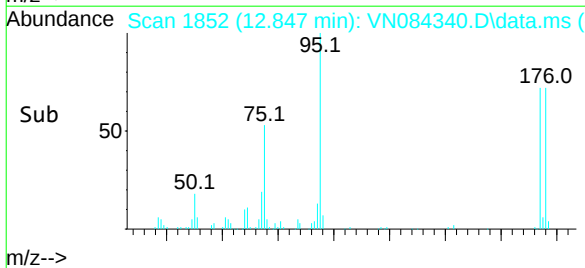
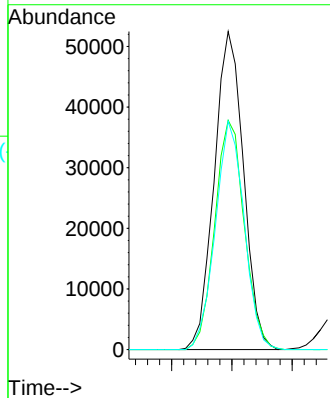
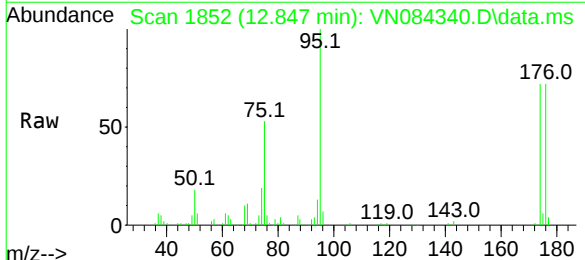
Manual Integrations
APPROVED

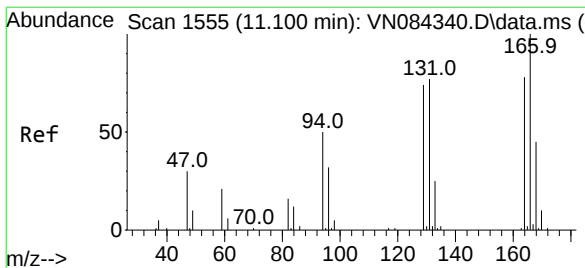
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#60
4-Bromofluorobenzene
Concen: 29.808 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

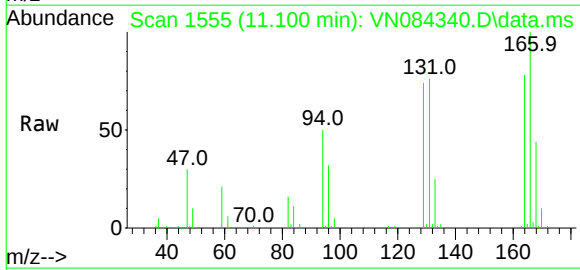
Tgt Ion: 95 Resp: 88736
Ion Ratio Lower Upper
95 100
174 72.7 58.2 87.2
176 70.5 56.4 84.6





#61
Tetrachloroethene
Concen: 20.131 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

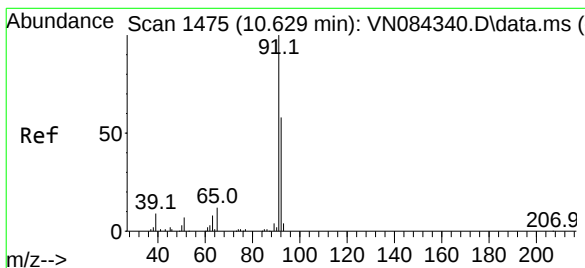
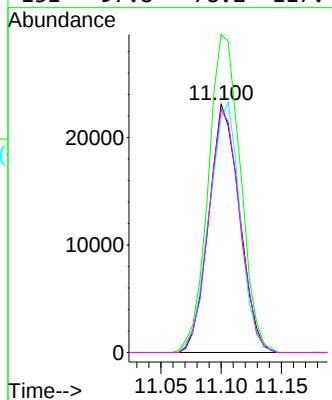
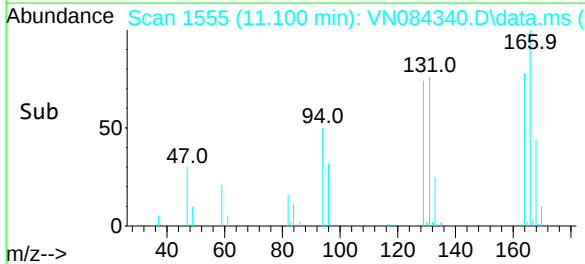
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 164 Resp: 41072
Ion Ratio Lower Upper
164 100
166 128.1 102.5 153.7
129 94.6 75.7 113.5
131 97.8 78.2 117.4

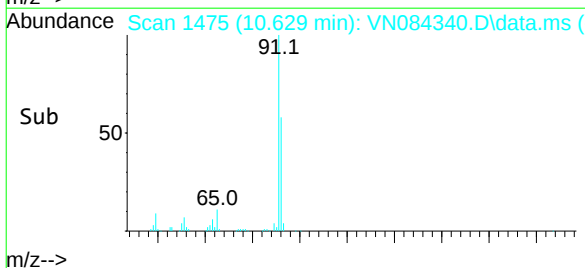
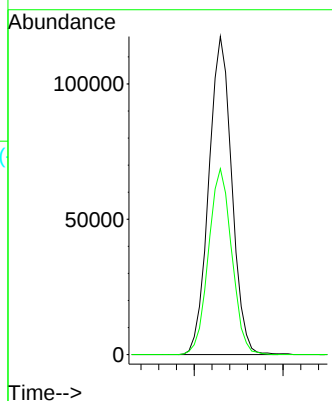
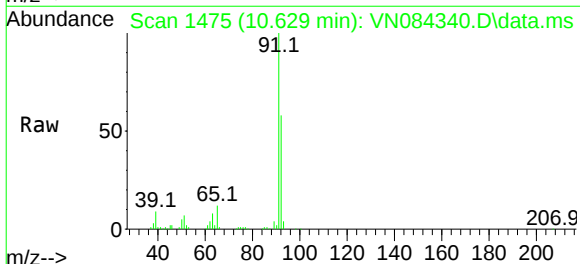
Manual Integrations
APPROVED

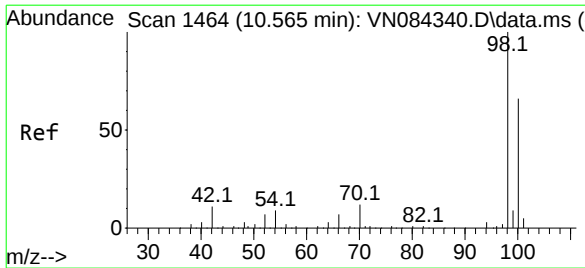
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#62
Toluene
Concen: 20.058 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion: 91 Resp: 211795
Ion Ratio Lower Upper
91 100
92 59.0 47.2 70.8





#63

Toluene-d8

Concen: 30.121 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084340.D

Acq: 08 Oct 2024 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 98 Resp: 251690

Ion Ratio Lower Upper

98 100

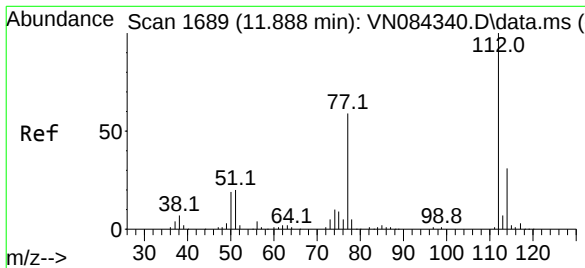
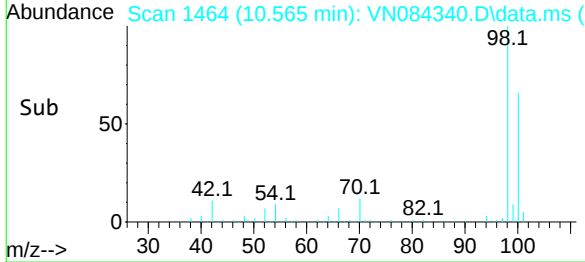
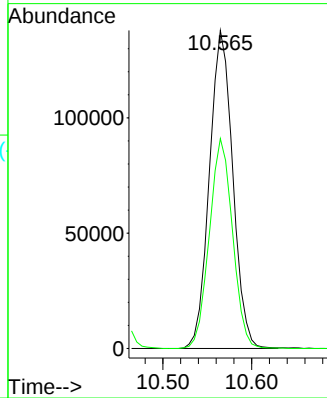
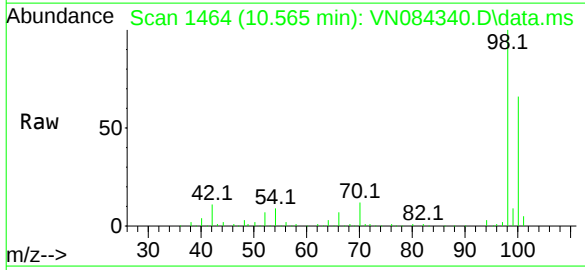
100 65.6 52.5 78.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#64

Chlorobenzene

Concen: 19.878 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN084340.D

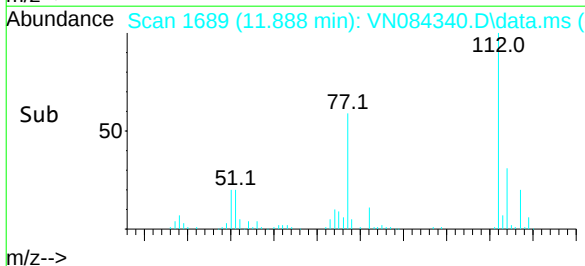
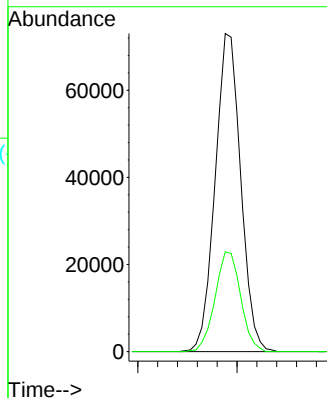
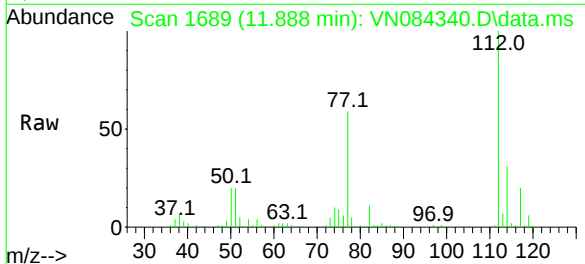
Acq: 08 Oct 2024 10:55

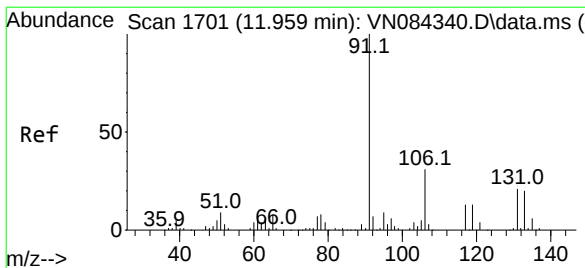
Tgt Ion:112 Resp: 130620

Ion Ratio Lower Upper

112 100

114 31.4 25.1 37.7





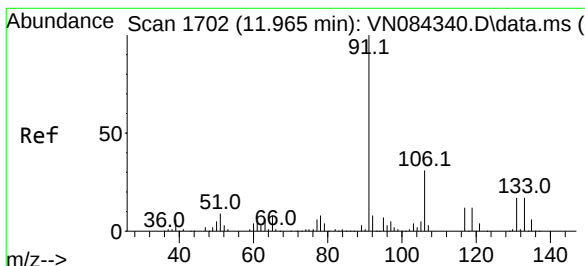
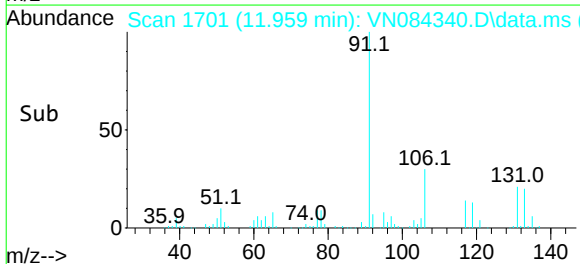
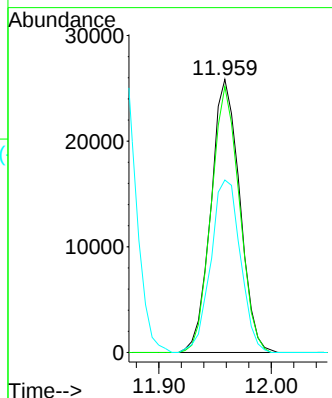
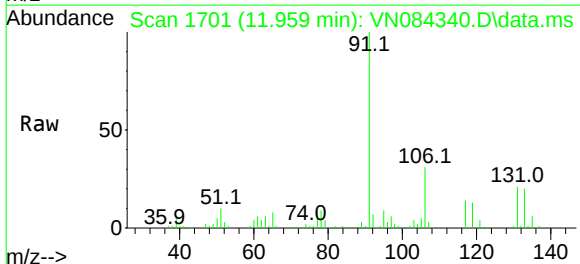
#65
1,1,1,2-Tetrachloroethane
Concen: 20.153 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 131 Resp: 46005
Ion Ratio Lower Upper
131 100
133 95.2 0.0 190.4
119 65.0 0.0 130.0

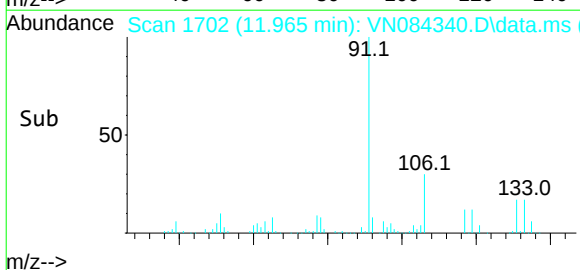
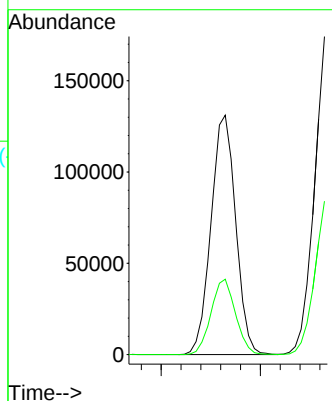
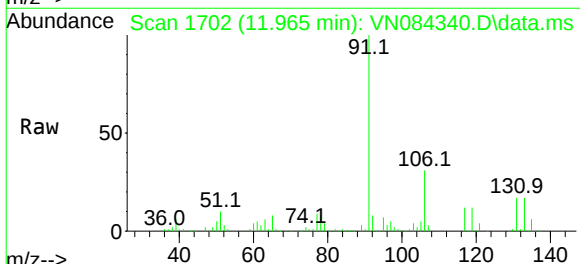
Manual Integrations
APPROVED

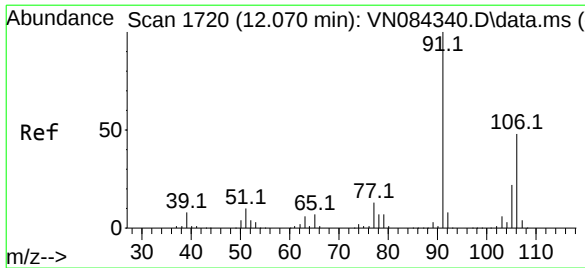
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#66
Ethyl Benzene
Concen: 19.804 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion: 91 Resp: 227198
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8





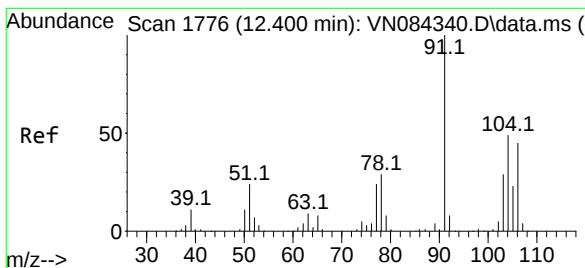
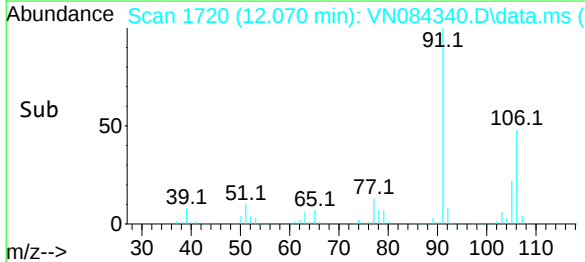
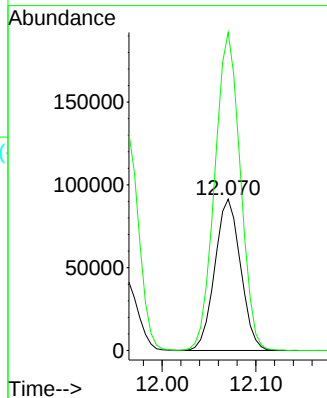
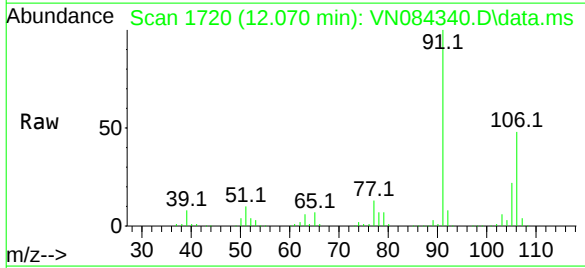
#67
m/p-Xylenes
Concen: 40.081 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 174434
Ion Ratio Lower Upper
106 100
91 208.4 166.7 250.1

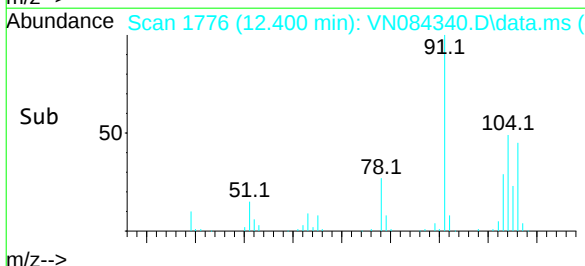
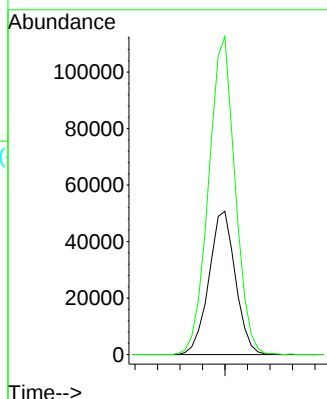
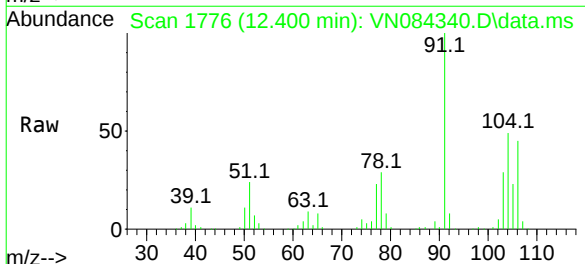
Manual Integrations
APPROVED

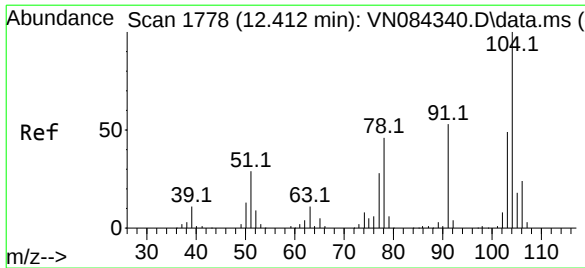
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#68
o-Xylene
Concen: 19.823 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion:106 Resp: 83154
Ion Ratio Lower Upper
106 100
91 221.9 110.9 332.9





#69

Styrene

Concen: 19.752 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN084340.D

Acq: 08 Oct 2024 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

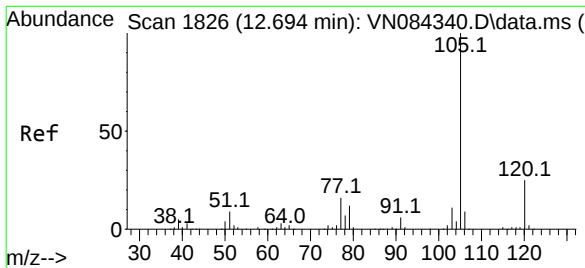
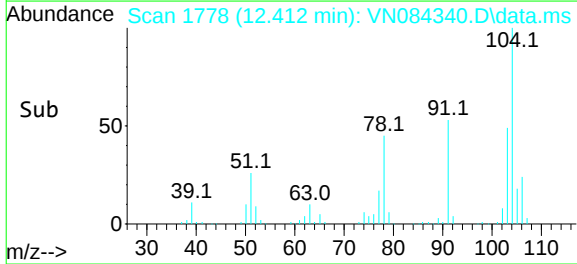
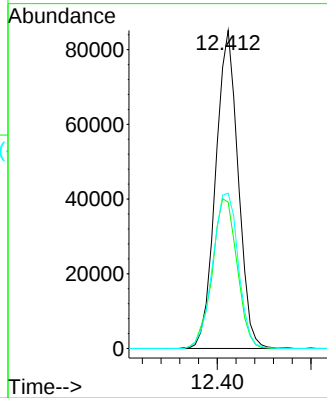
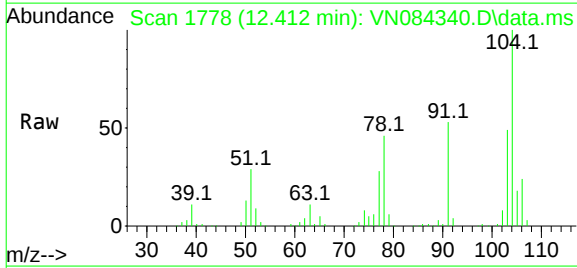
Tgt Ion:	104	Resp:	142239
Ion Ratio	Lower	Upper	
104	100		
78	52.0	41.6	62.4
103	55.5	44.4	66.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#70

Isopropylbenzene

Concen: 20.060 ug/l

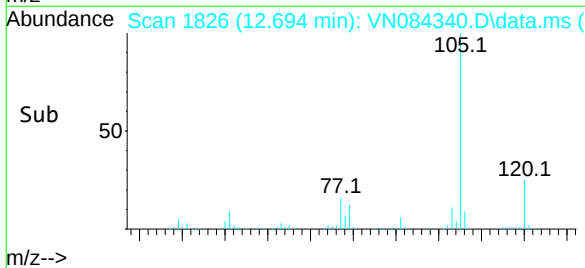
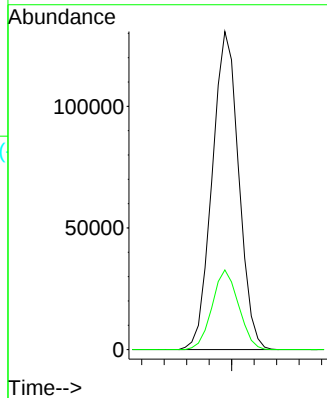
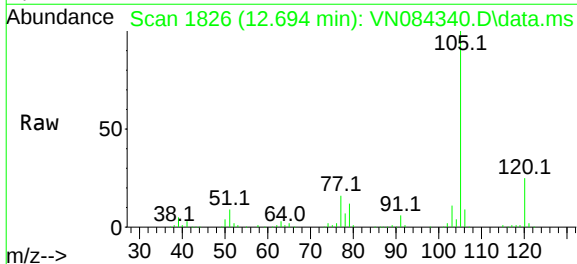
RT: 12.694 min Scan# 1826

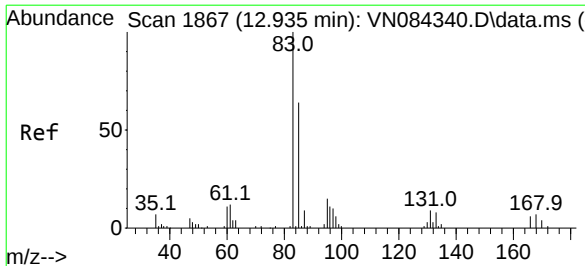
Delta R.T. 0.000 min

Lab File: VN084340.D

Acq: 08 Oct 2024 10:55

Tgt Ion:	105	Resp:	214822
Ion Ratio	Lower	Upper	
105	100		
120	24.9	17.4	32.4





#71

1,1,2,2-Tetrachloroethane

Concen: 19.931 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN084340.D

Acq: 08 Oct 2024 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

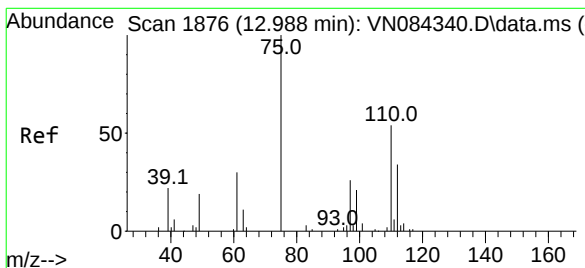
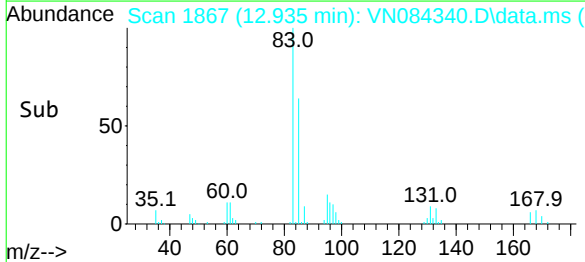
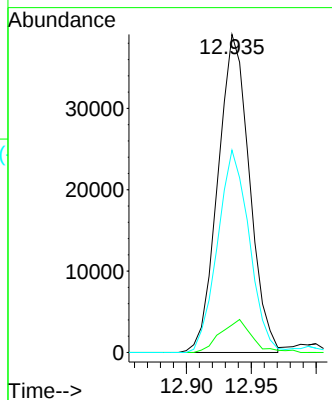
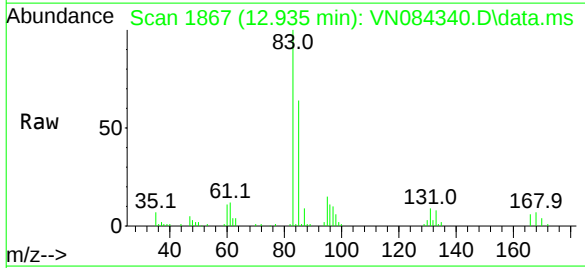
Tgt Ion:	83	Resp:	66030
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.3
85	64.1	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#72

1,2,3-Trichloropropane

Concen: 19.781 ug/l m

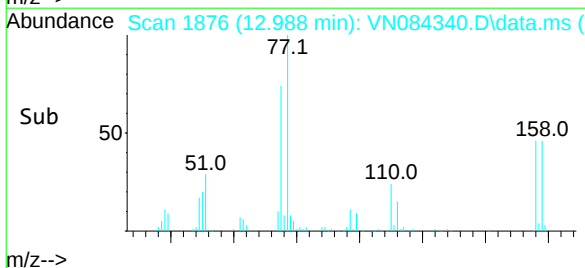
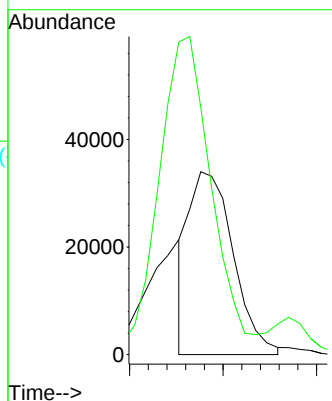
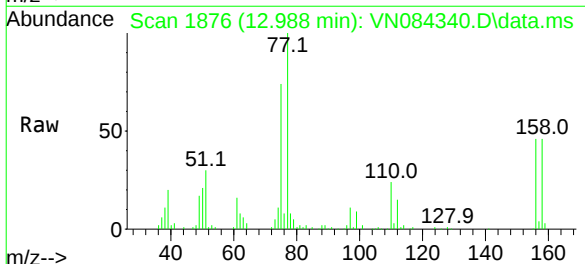
RT: 12.988 min Scan# 1876

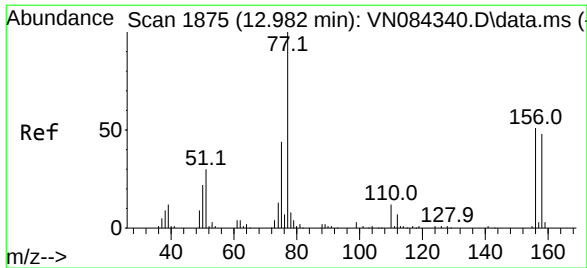
Delta R.T. 0.000 min

Lab File: VN084340.D

Acq: 08 Oct 2024 10:55

Tgt Ion:	75	Resp:	56046
Ion	Ratio	Lower	Upper
75	100		
77	207.0	0.0	414.0





#73

Bromobenzene

Concen: 19.834 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN084340.D

Acq: 08 Oct 2024 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

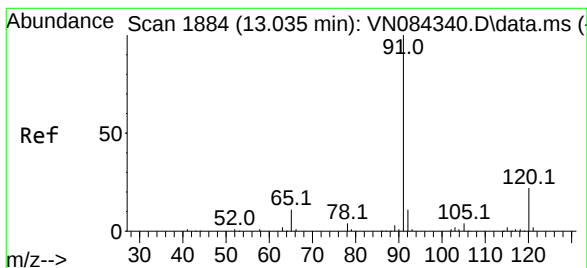
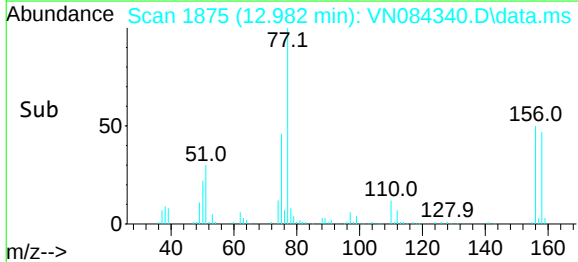
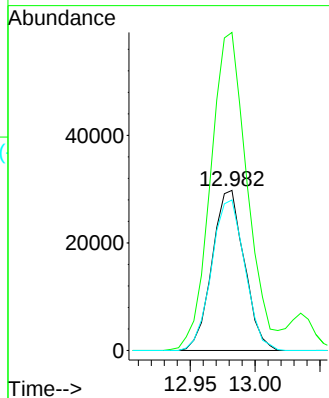
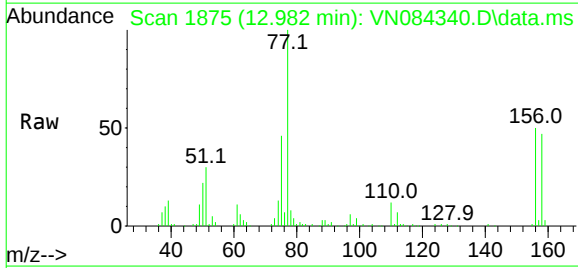
Tgt Ion:	156	Resp:	51441
Ion Ratio	Lower	Upper	
156	100		
77	225.5	0.0	451.0
158	97.3	0.0	194.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#74

n-propylbenzene

Concen: 19.856 ug/l

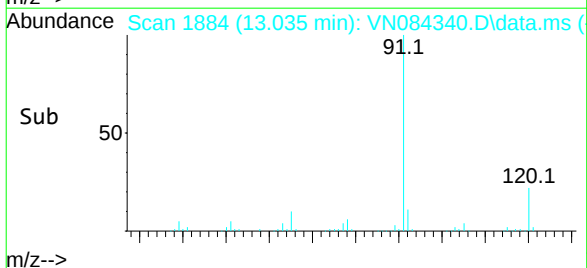
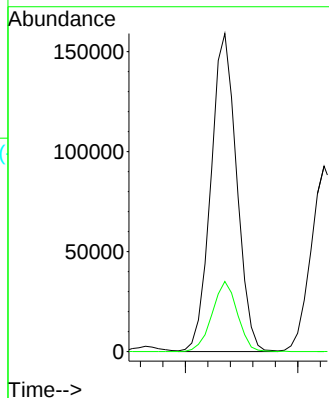
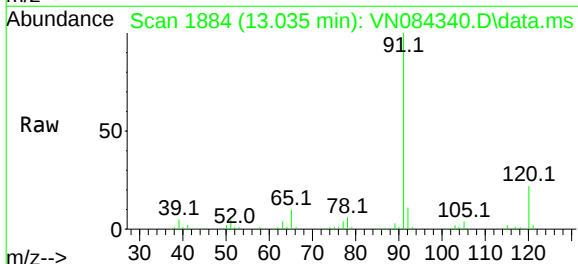
RT: 13.035 min Scan# 1884

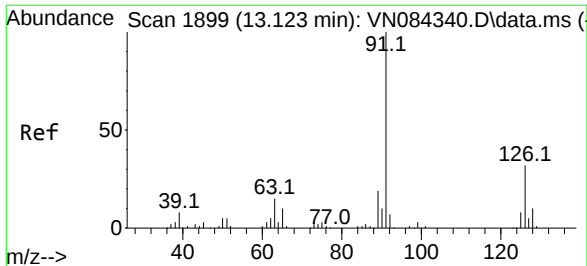
Delta R.T. 0.000 min

Lab File: VN084340.D

Acq: 08 Oct 2024 10:55

Tgt Ion:	91	Resp:	253393
Ion Ratio	Lower	Upper	
91	100		
120	21.6	0.0	43.2





#75

2-Chlorotoluene

Concen: 20.048 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084340.D

Acq: 08 Oct 2024 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 91 Resp: 158981

Ion Ratio Lower Upper

91 100

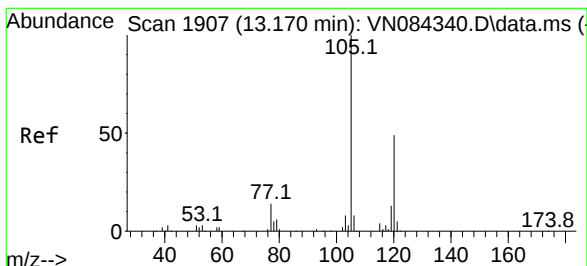
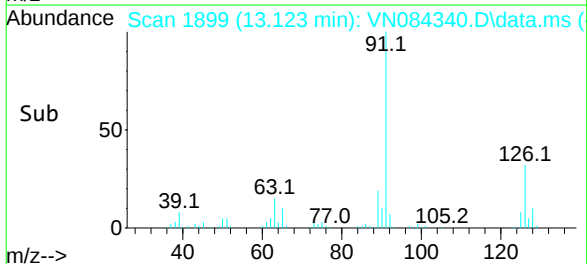
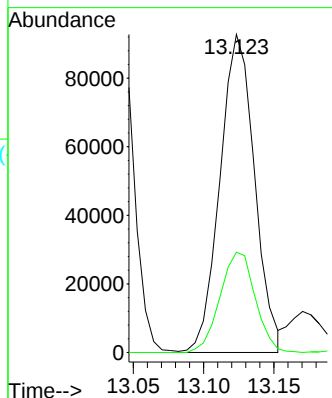
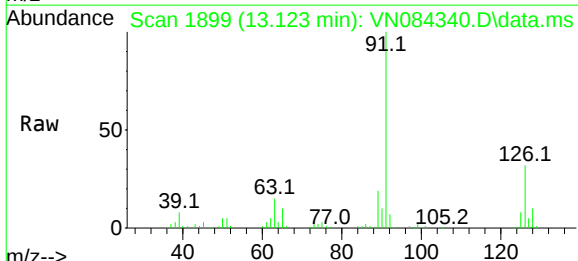
126 32.0 0.0 64.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#76

1,3,5-Trimethylbenzene

Concen: 19.838 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084340.D

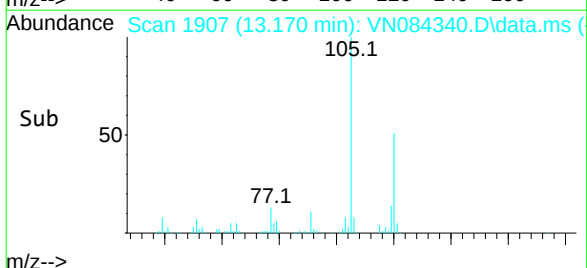
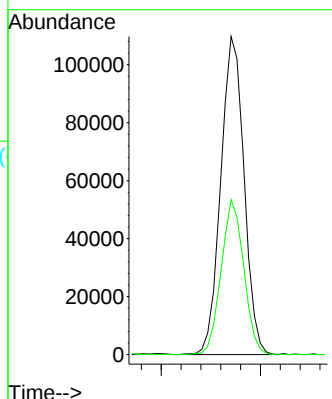
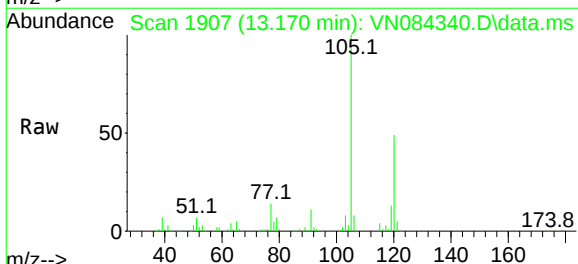
Acq: 08 Oct 2024 10:55

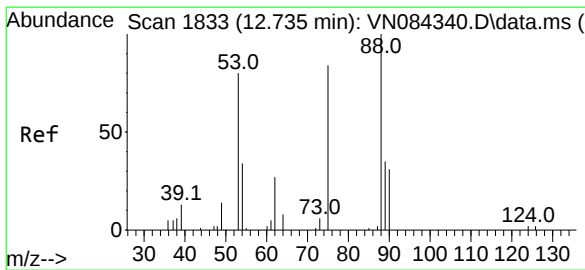
Tgt Ion:105 Resp: 178878

Ion Ratio Lower Upper

105 100

120 47.2 0.0 94.4





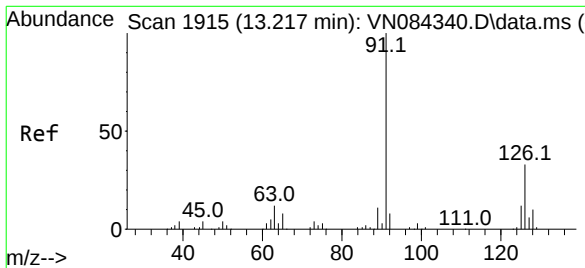
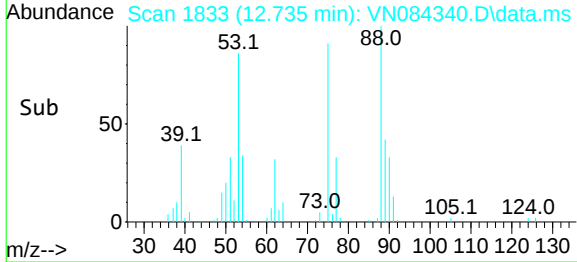
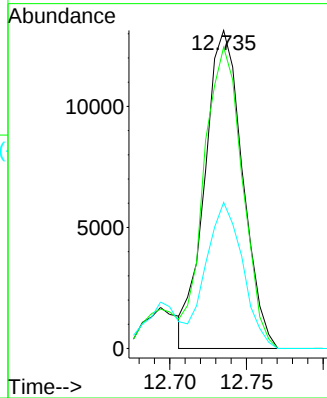
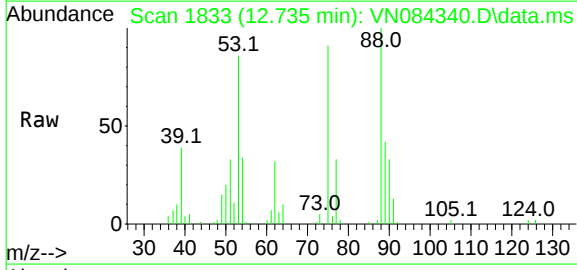
#77
t-1,4-Dichloro-2-butene
Concen: 18.583 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 22530
Ion Ratio Lower Upper
75 100
53 94.7 47.3 142.0
89 45.9 22.9 68.8

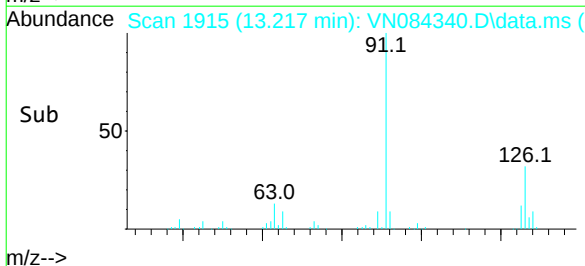
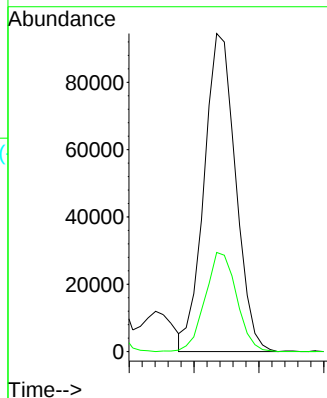
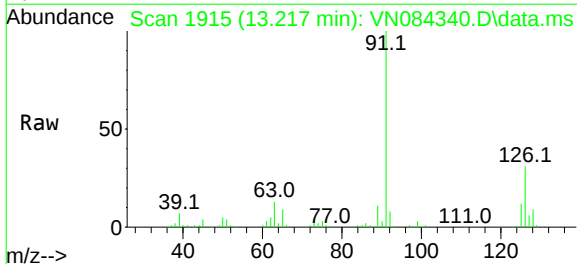
Manual Integrations
APPROVED

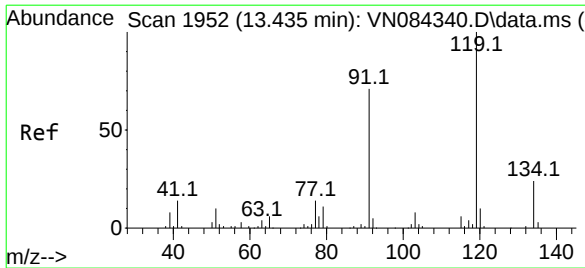
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#78
4-Chlorotoluene
Concen: 19.735 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion: 91 Resp: 159107
Ion Ratio Lower Upper
91 100
126 31.2 0.0 62.4





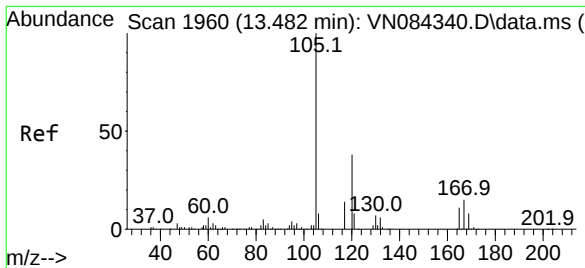
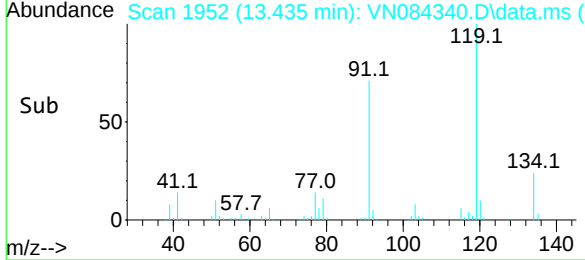
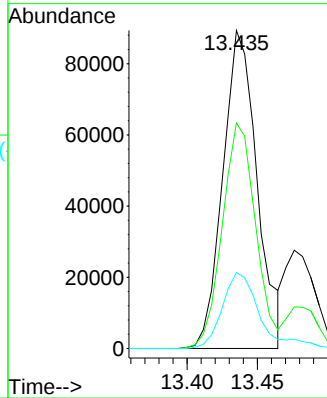
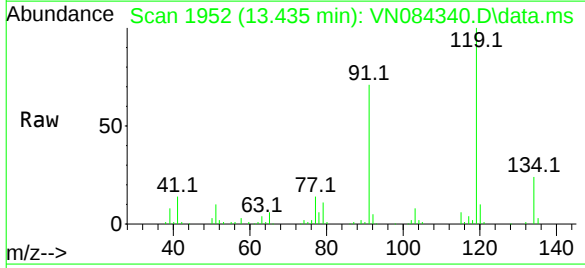
#79
tert-butylbenzene
Concen: 19.692 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 151487
Ion Ratio Lower Upper
119 100
91 69.0 0.0 138.0
134 24.4 0.0 48.8

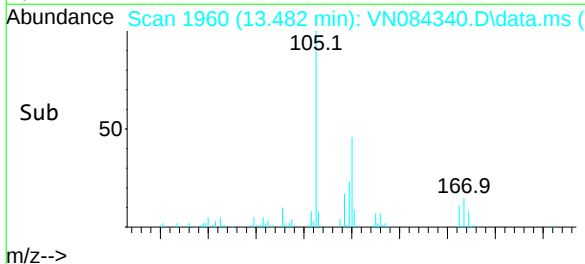
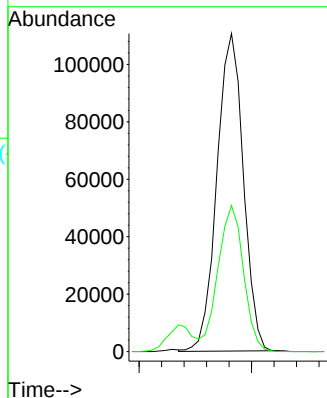
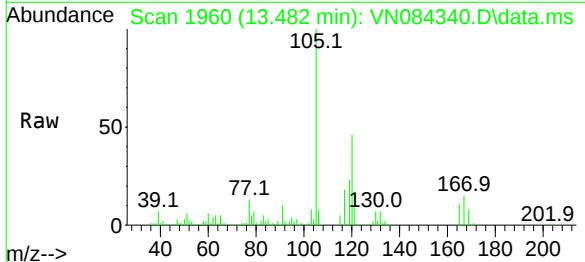
Manual Integrations
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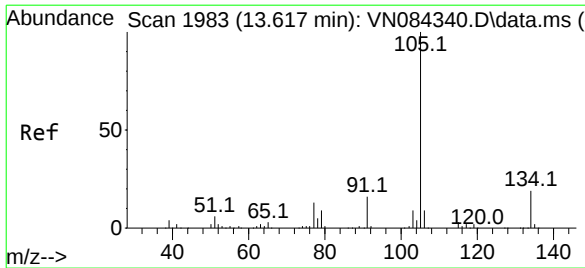
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.743 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion:105 Resp: 180628
Ion Ratio Lower Upper
105 100
120 44.4 0.0 88.8





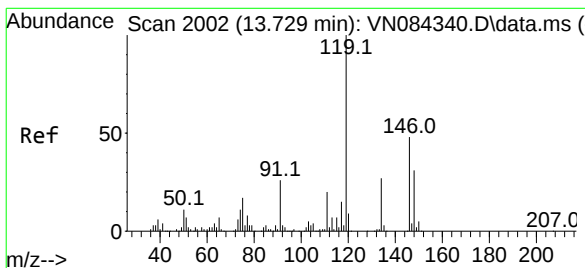
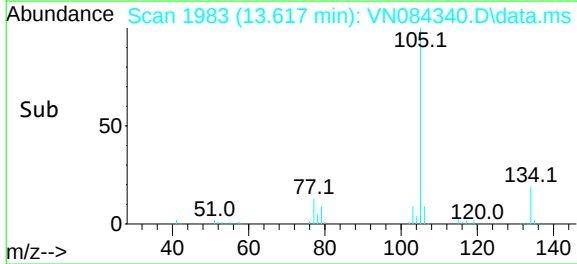
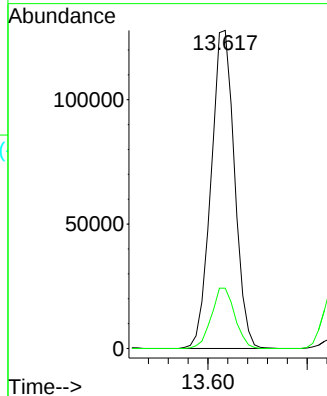
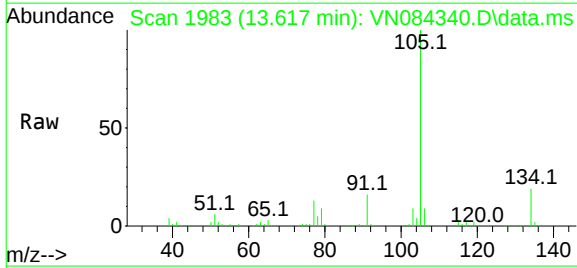
#81
sec-Butylbenzene
Concen: 19.829 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:105 Resp: 210010
Ion Ratio Lower Upper
105 100
134 19.0 0.0 38.0

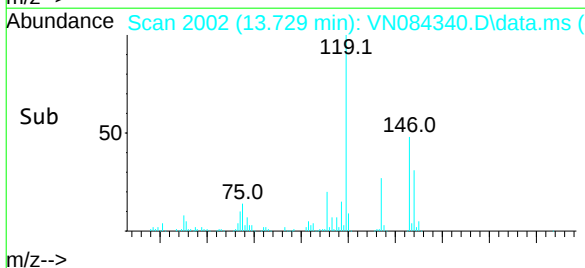
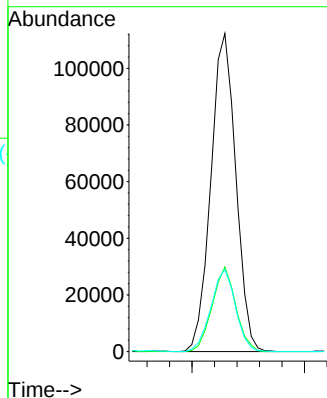
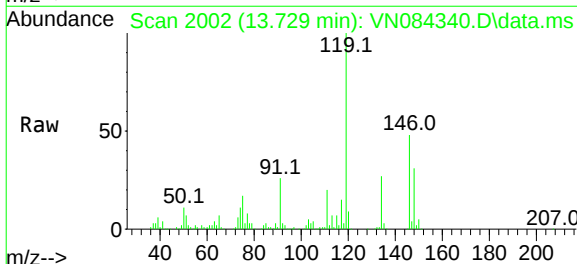
Manual Integrations
APPROVED

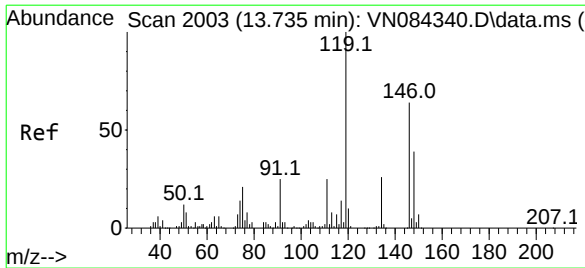
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#82
p-Isopropyltoluene
Concen: 19.415 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion:119 Resp: 173074
Ion Ratio Lower Upper
119 100
134 25.1 0.0 50.2
91 25.3 0.0 50.6





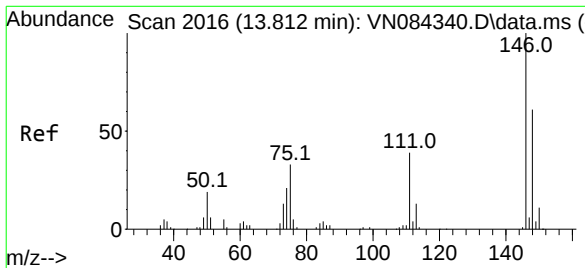
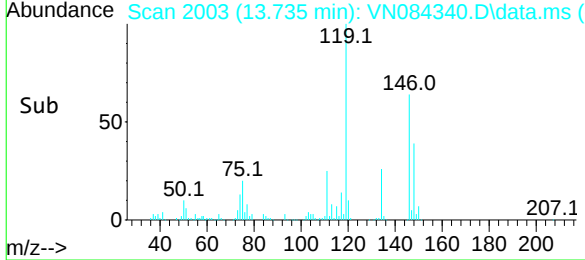
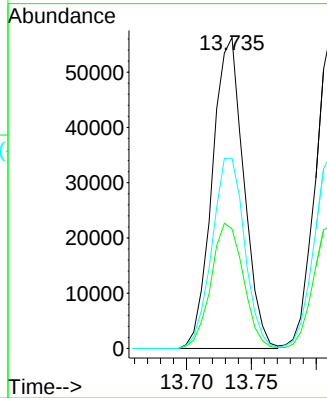
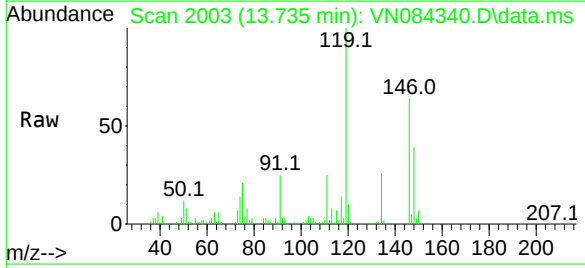
#83
1,3-Dichlorobenzene
Concen: 19.711 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:146 Resp: 95054
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.9
148 63.1 31.6 94.7

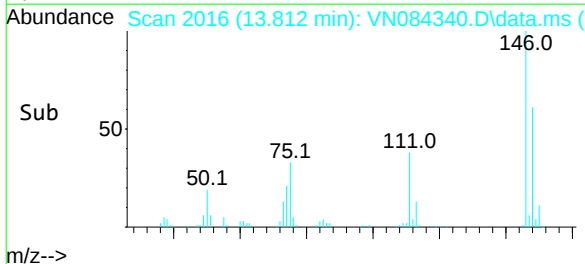
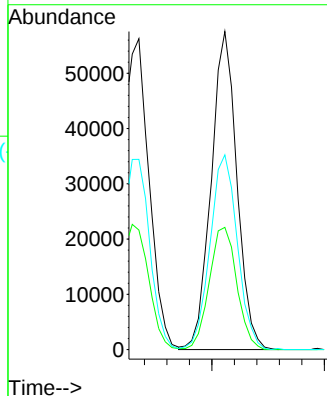
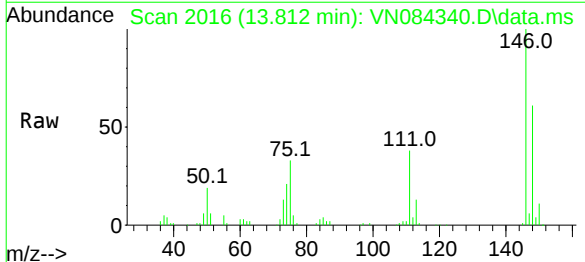
Manual Integrations
APPROVED

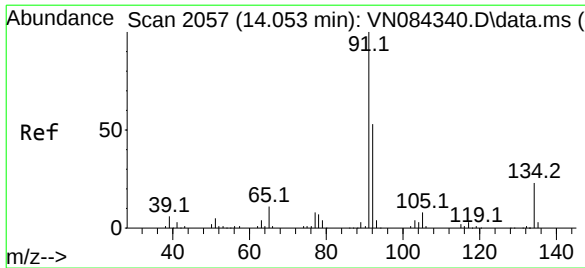
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#84
1,4-Dichlorobenzene
Concen: 19.121 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion:146 Resp: 91564
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.5
148 64.9 32.5 97.4





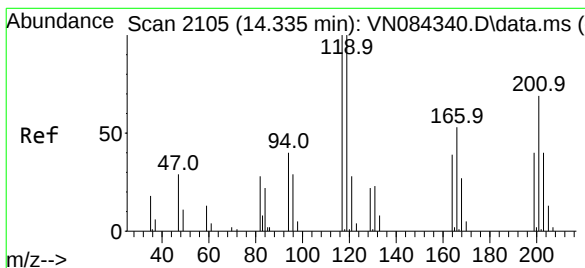
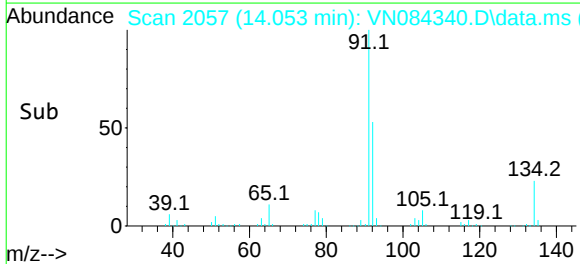
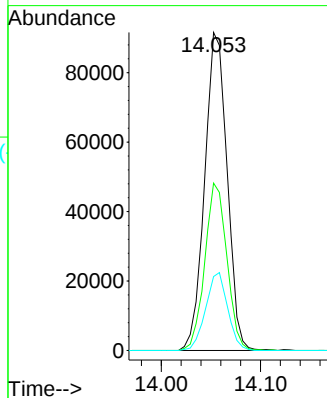
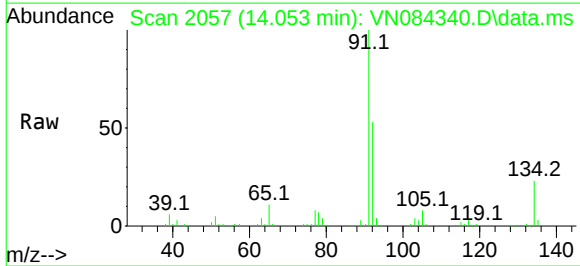
#85
n-Butylbenzene
Concen: 18.676 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 144192
Ion Ratio Lower Upper
91 100
92 51.7 0.0 103.4
134 24.0 0.0 48.0

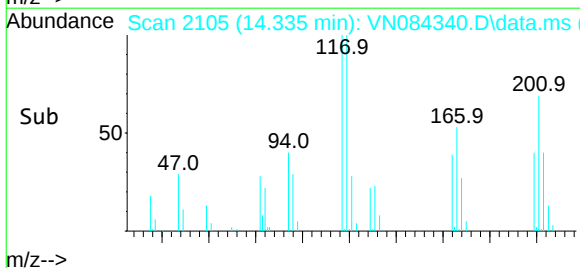
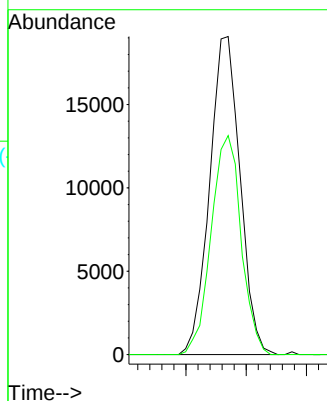
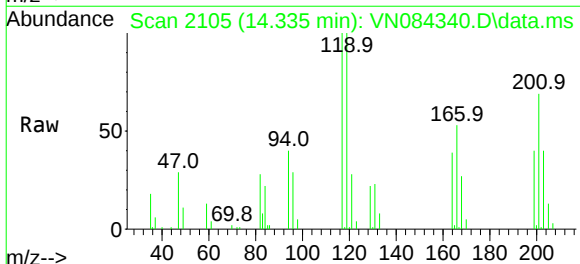
Manual Integrations
APPROVED

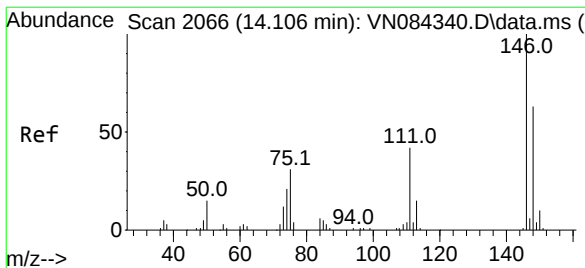
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#86
Hexachloroethane
Concen: 19.524 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion:117 Resp: 33531
Ion Ratio Lower Upper
117 100
201 67.7 33.9 101.6





#87

1,2-Dichlorobenzene

Concen: 19.503 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084340.D

Acq: 08 Oct 2024 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

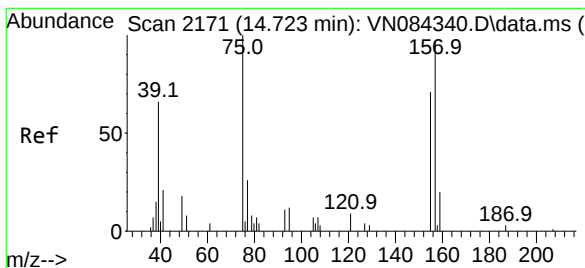
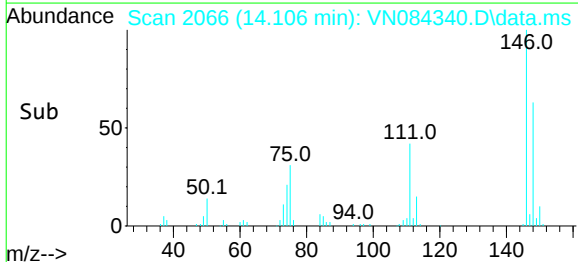
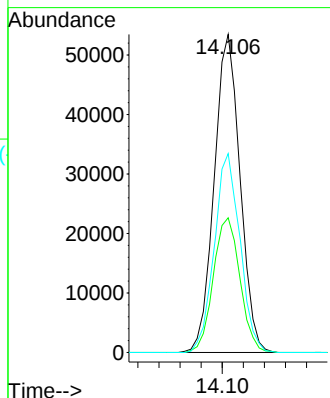
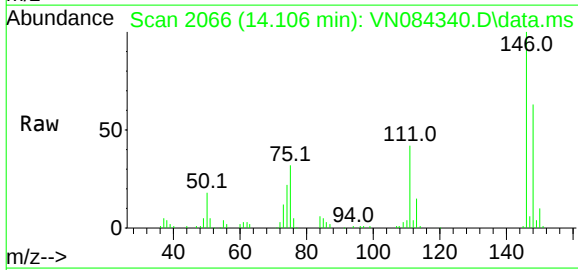
Tgt Ion:	146	Resp:	90933
Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.9	65.5
148	62.3	31.1	93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.543 ug/l

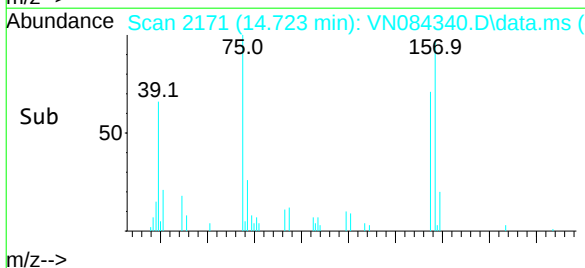
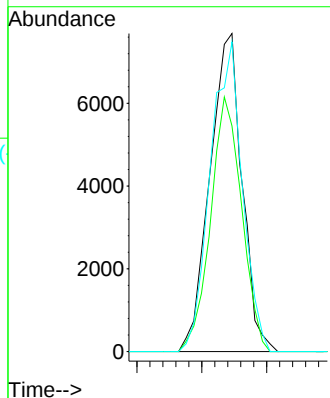
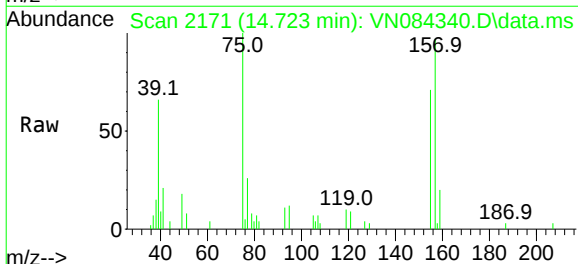
RT: 14.723 min Scan# 2171

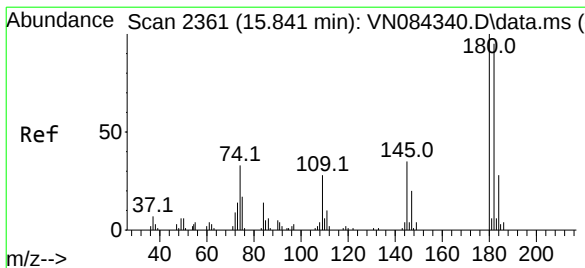
Delta R.T. 0.000 min

Lab File: VN084340.D

Acq: 08 Oct 2024 10:55

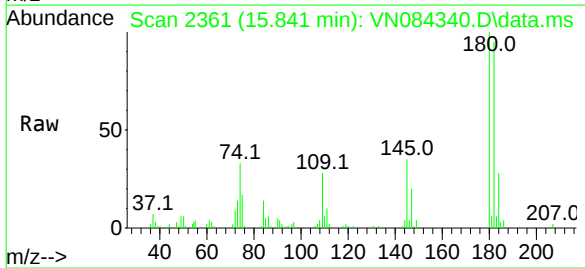
Tgt Ion:	75	Resp:	13240
Ion	Ratio	Lower	Upper
75	100		
155	77.3	61.8	92.8
157	96.7	77.4	116.0





#89
1,2,4-Trichlorobenzene
Concen: 18.915 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

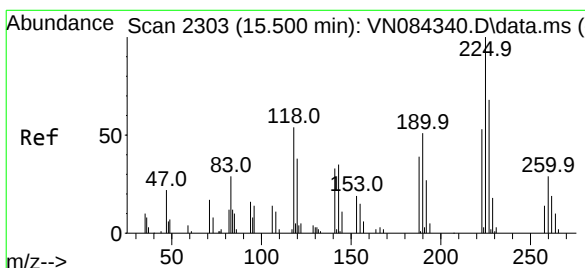
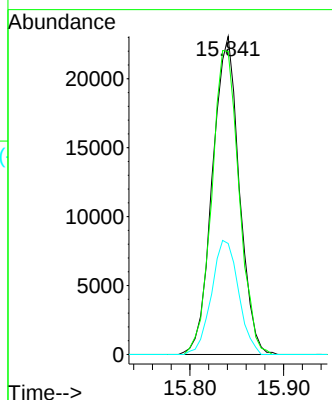
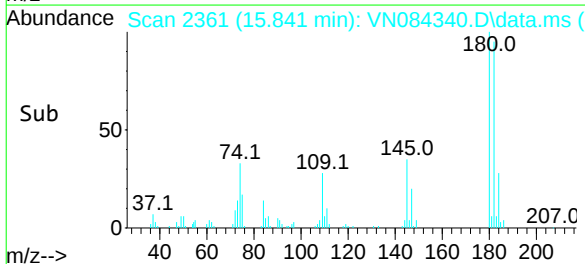
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:180 Resp: 45853
Ion Ratio Lower Upper
180 100
182 97.2 77.8 116.6
145 36.1 28.9 43.3

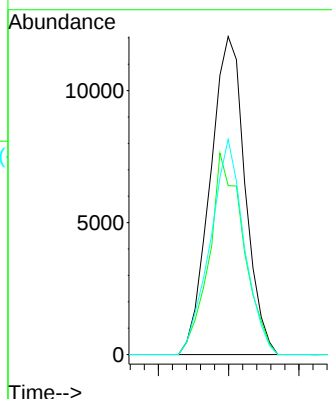
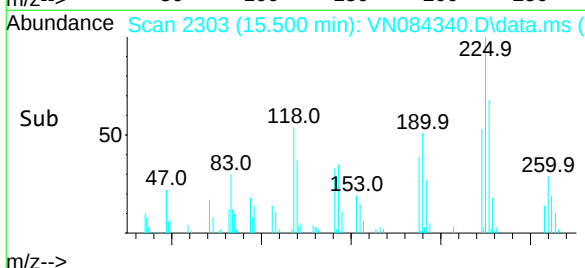
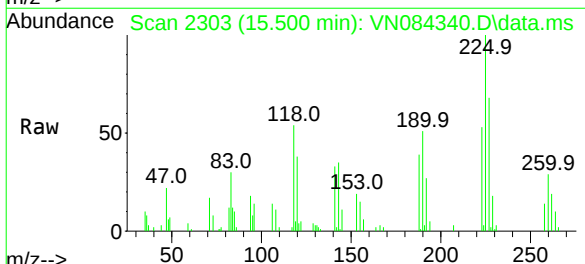
Manual Integrations
APPROVED

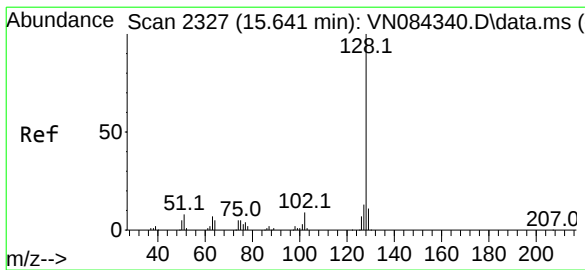
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#90
Hexachlorobutadiene
Concen: 18.600 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion:225 Resp: 20860
Ion Ratio Lower Upper
225 100
223 62.0 0.0 124.0
227 65.4 0.0 130.8





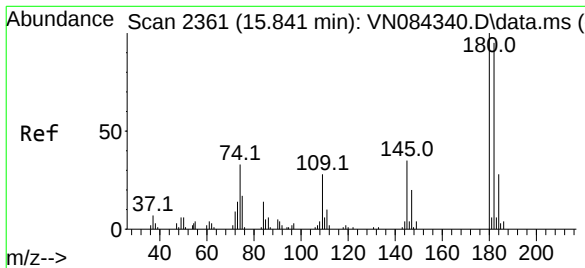
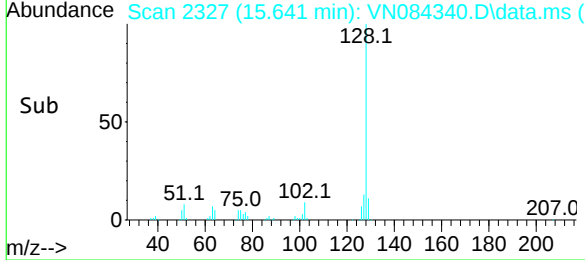
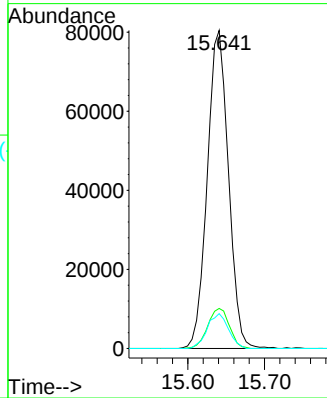
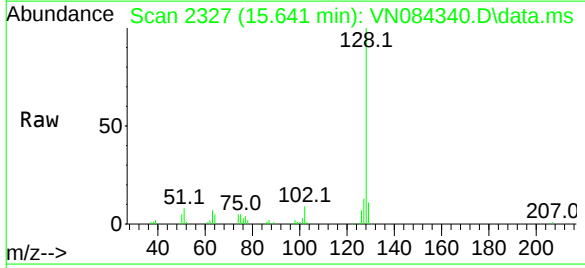
#91
Naphthalene
Concen: 18.804 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:	128	Resp:	154471
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	11.0	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: 18.915 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN084340.D
Acq: 08 Oct 2024 10:55

Tgt Ion:	180	Resp:	45853
Ion Ratio	Lower	Upper	
180	100		
182	97.2	0.0	194.4
145	36.1	0.0	72.2

