

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084339.D
 Acq On : 08 Oct 2024 10:31
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 09 02:07:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:04:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	35466	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	196182	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	180971	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	84072	29.444	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.133%		
60) 4-Bromofluorobenzene	12.847	95	90206	30.202	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.667%		
63) Toluene-d8	10.565	98	249414	29.750	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.167%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	104507	48.263	ug/l	96
3) Chloromethane	2.359	50	119618	48.544	ug/l	99
4) Vinyl Chloride	2.512	62	118532	49.052	ug/l	93
5) Bromomethane	2.947	94	73816	46.107	ug/l	98
6) Chloroethane	3.118	64	72586	45.819	ug/l	95
7) Trichlorofluoromethane	3.495	101	192447	48.893	ug/l	94
8) Diethyl Ether	3.959	74	72484	50.089	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	106319	48.040	ug/l	98
10) 1,1-Dichloroethene	4.342	96	110533	50.053	ug/l	89
11) Methyl Iodide	4.589	142	146194	50.376	ug/l	97
12) Methyl Acetate	5.024	43	143947	52.068	ug/l	95
13) Acrolein	4.177	56	127301	247.880	ug/l	99
14) Acrylonitrile	5.718	53	314551	253.254	ug/l	98
15) Acetone	4.430	58	90377	254.725	ug/l	96
16) Carbon Disulfide	4.712	76	316013	48.056	ug/l	98
17) Allyl chloride	5.024	41	179722	50.205	ug/l	93
18) Methylene Chloride	5.277	84	123536	49.660	ug/l	97
19) trans-1,2-Dichloroethene	5.783	96	115099	49.248	ug/l	89
20) Diisopropyl ether	6.671	45	387668	50.368	ug/l	96
21) 1,1-Dichloroethane	6.571	63	216289	48.975	ug/l	96
22) cis-1,2-Dichloroethene	7.488	96	135603	49.862	ug/l	100
23) tert-Butyl Alcohol	5.524	59	121932	255.936	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	371557m	50.347	ug/l	
25) Chloroform	7.965	83	224326	50.153	ug/l	99
26) Cyclohexane	8.259	56	182672	49.456	ug/l #	97
29) 1,1-Dichloropropene	8.371	75	159132	49.412	ug/l	99
30) 2-Butanone	7.482	43	438443	255.703	ug/l	99
31) 2,2-Dichloropropane	7.488	77	186163	49.191	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	202531	49.200	ug/l	99
33) Carbon Tetrachloride	8.359	117	173775	48.728	ug/l	94
34) Benzene	8.606	78	494102	49.013	ug/l	96
35) Methacrylonitrile	7.777	41	94562	51.695	ug/l	96
36) 1,2-Dichloroethane	8.671	62	165947	49.385	ug/l	100
37) Trichloroethene	9.353	130	112853	48.615	ug/l	98
38) Methylcyclohexane	9.600	83	175023	49.477	ug/l	99
39) 1,2-Dichloropropane	9.618	63	118717	48.292	ug/l	98
40) Dibromomethane	9.706	93	84017	48.900	ug/l	98
41) Bromodichloromethane	9.888	83	179758	49.283	ug/l	92
42) Vinyl Acetate	6.606	43	1520354	254.948	ug/l	100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	168929	49.954	ug/l	94
44) Isopropyl Acetate	8.688	43	281915	50.934	ug/l	99
45) 1,4-Dioxane	9.694	88	51791	1038.003	ug/l	95
46) Methyl methacrylate	9.682	41	137372	51.368	ug/l	98
47) n-amyl Acetate	12.494	43	251442	51.073	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	187402	49.721	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	197144	49.908	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	114315	49.500	ug/l	98
51) Ethyl methacrylate	10.871	69	198002	51.907	ug/l	96
52) 1,3-Dichloropropane	11.165	76	198343	49.119	ug/l	99
53) Dibromochloromethane	11.359	129	135901	49.816	ug/l	99
54) 1,2-Dibromoethane	11.470	107	118129	49.693	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	439901	254.264	ug/l	99
56) Bromoform	12.576	173	90199	49.851	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	864518	256.442	ug/l	100
59) 2-Hexanone	11.194	43	654698	261.350	ug/l	100
61) Tetrachloroethene	11.100	164	100050	48.875	ug/l	97
62) Toluene	10.629	91	526619	49.707	ug/l	99
64) Chlorobenzene	11.888	112	323202	49.023	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	114617	50.043	ug/l	99
66) Ethyl Benzene	11.965	91	582229	50.583	ug/l	99
67) m/p-Xylenes	12.070	106	446529	102.264	ug/l	99
68) o-Xylene	12.400	106	213661	50.765	ug/l	99
69) Styrene	12.412	104	369695	51.169	ug/l	99
70) Isopropylbenzene	12.694	105	546834	50.894	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	167855	50.500	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	144614m	50.872	ug/l	
73) Bromobenzene	12.982	156	131272	50.447	ug/l	98
74) n-propylbenzene	13.035	91	650890	50.836	ug/l	99
75) 2-Chlorotoluene	13.123	91	396493	49.834	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	461964	51.064	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	63656	52.330	ug/l	96
78) 4-Chlorotoluene	13.223	91	407771	50.410	ug/l	99
79) tert-butylbenzene	13.435	119	394929	51.169	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	467589	50.939	ug/l	100
81) sec-Butylbenzene	13.617	105	541224	50.934	ug/l	99
82) p-Isopropyltoluene	13.729	119	451993	50.537	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	243731	50.374	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	237600	49.452	ug/l	99
85) n-Butylbenzene	14.053	91	392578	50.679	ug/l	98
86) Hexachloroethane	14.335	117	85140	49.410	ug/l	100
87) 1,2-Dichlorobenzene	14.106	146	235213	50.280	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	35951	52.891	ug/l	98
89) 1,2,4-Trichlorobenzene	15.841	180	123597	50.816	ug/l	97
90) Hexachlorobutadiene	15.500	225	53904	47.905	ug/l	99
91) Naphthalene	15.641	128	428263	51.960	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	123597	50.816	ug/l	97

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

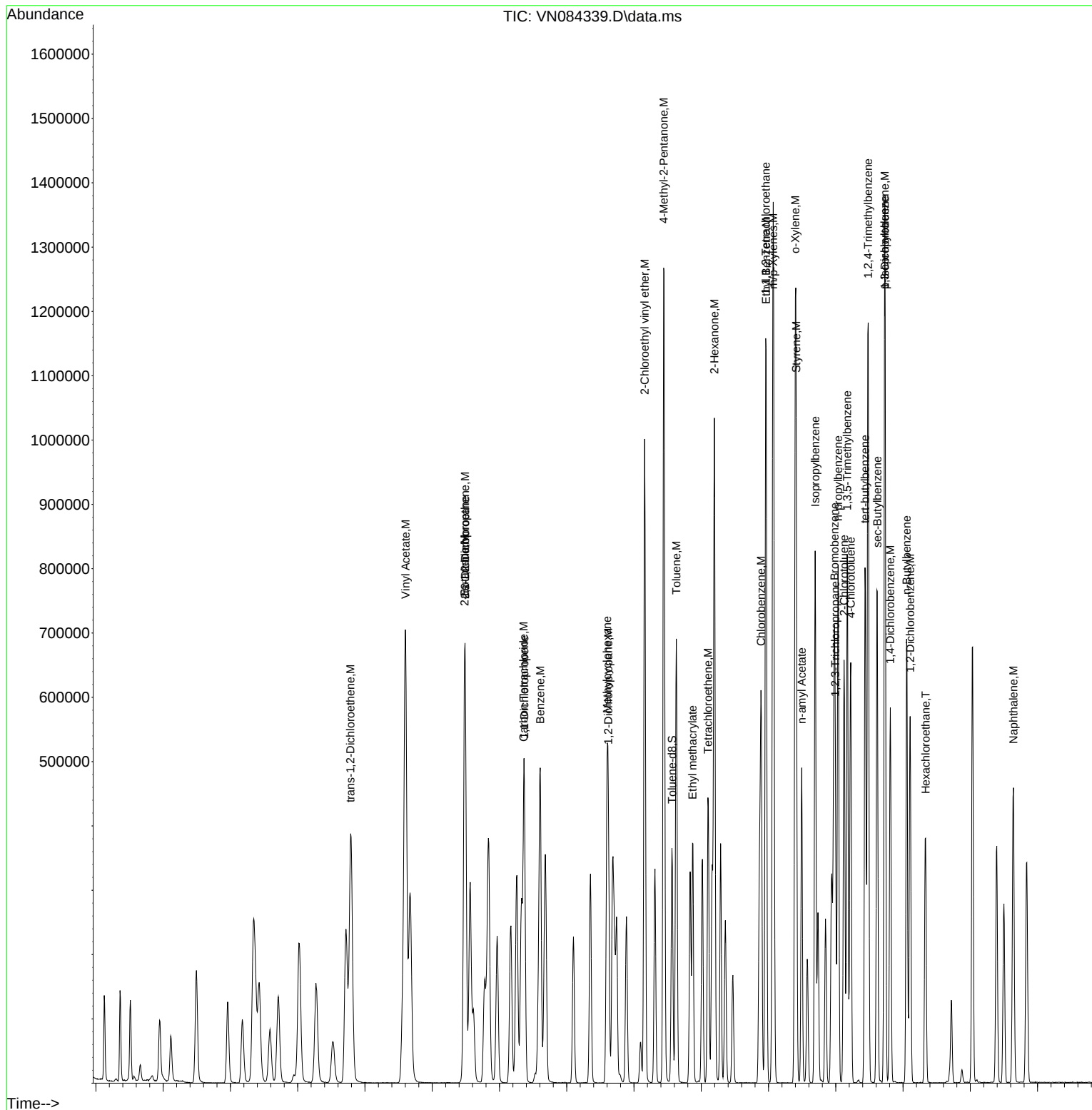
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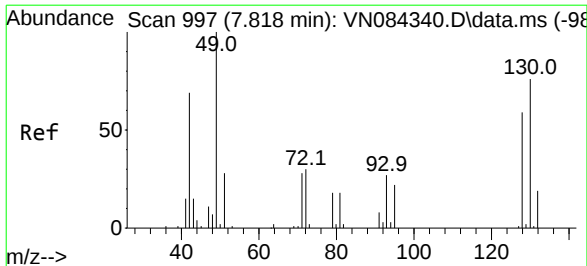
Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
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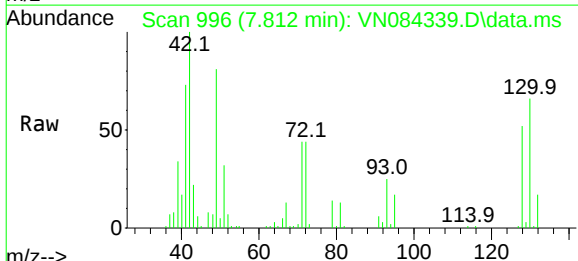
Quant Time: Oct 09 02:07:41 2024
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 09 02:04:33 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

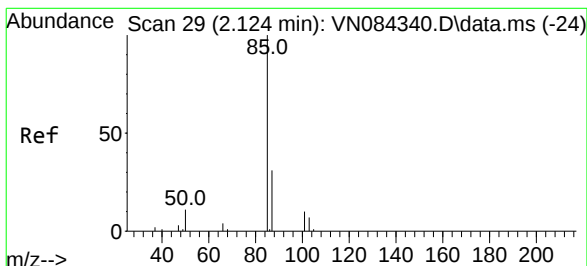
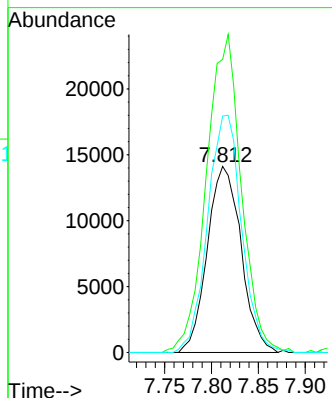
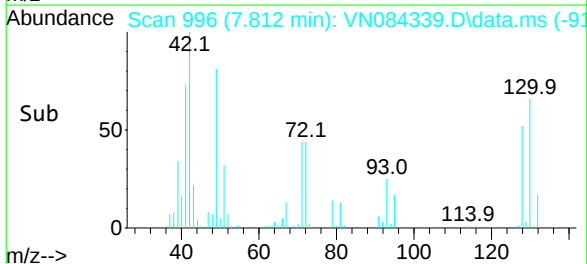
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 128 Resp: 35466
Ion Ratio Lower Upper
128 100
49 175.8 0.0 430.0
130 128.5 0.0 329.8

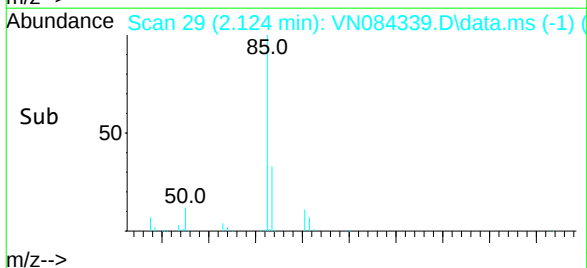
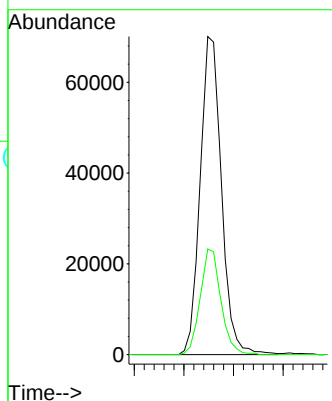
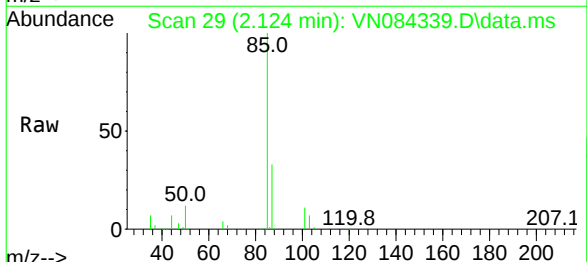
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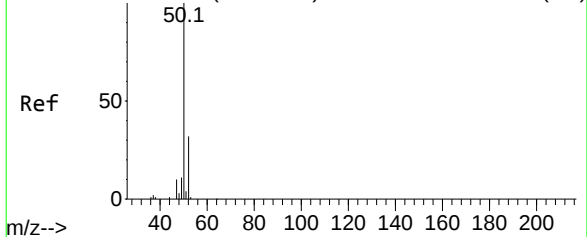


#2
Dichlorodifluoromethane
Concen: 48.263 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Tgt Ion: 85 Resp: 104507
Ion Ratio Lower Upper
85 100
87 33.2 15.4 46.4



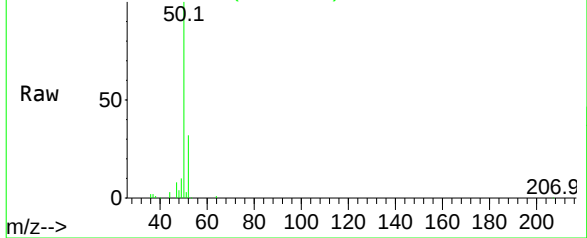
Abundance Scan 69 (2.359 min): VN084340.D\data.ms (-64)



#3
Chloromethane
Concen: 48.544 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Abundance Scan 69 (2.359 min): VN084339.D\data.ms

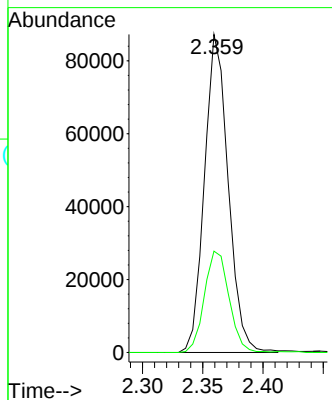
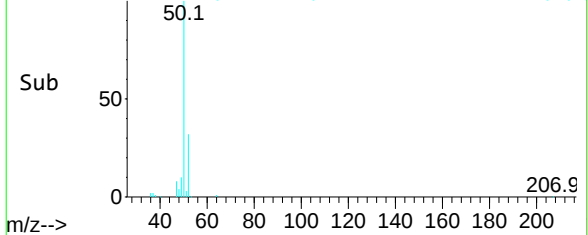


Tgt Ion: 50 Resp: 119618
Ion Ratio Lower Upper
50 100
52 31.9 25.8 38.6

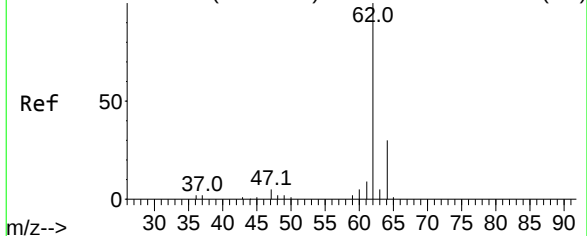
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Abundance Scan 69 (2.359 min): VN084339.D\data.ms (-1)



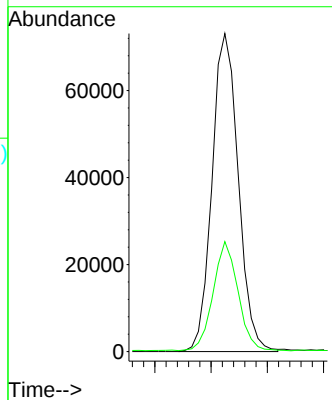
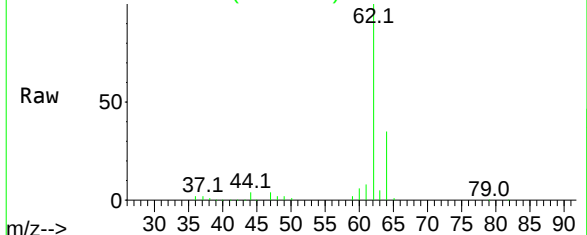
Abundance Scan 95 (2.512 min): VN084340.D\data.ms (-89)



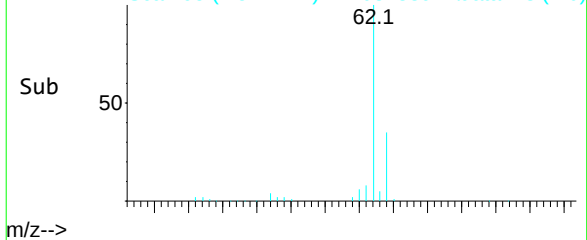
#4
Vinyl Chloride
Concen: 49.052 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

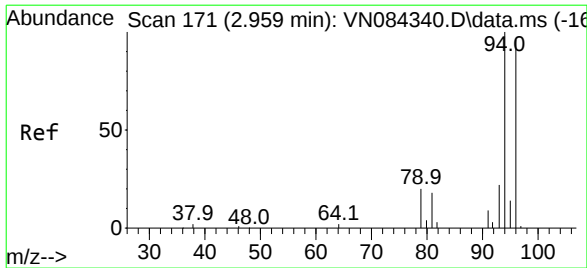
Tgt Ion: 62 Resp: 118532
Ion Ratio Lower Upper
62 100
64 34.3 24.3 36.5

Abundance Scan 95 (2.512 min): VN084339.D\data.ms



Abundance Scan 95 (2.512 min): VN084339.D\data.ms (-10)





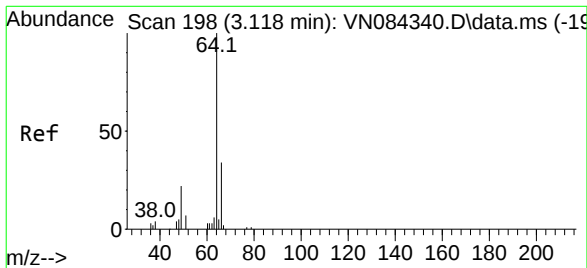
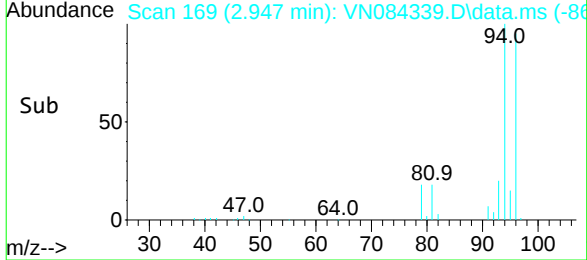
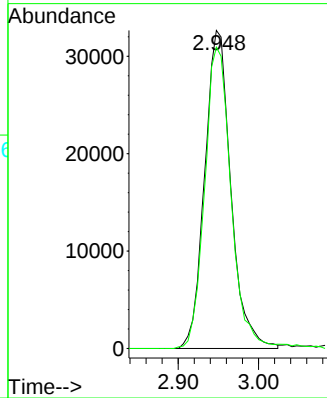
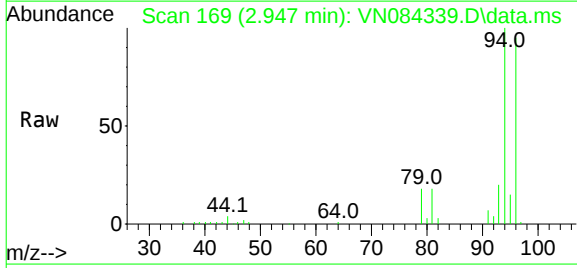
#5
Bromomethane
Concen: 46.107 ug/l
RT: 2.947 min Scan# 16
Delta R.T. -0.012 min
Lab File: VN084339.D
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Tgt Ion: 94 Resp: 73816
Ion Ratio Lower Upper
94 100
96 94.2 76.7 115.1

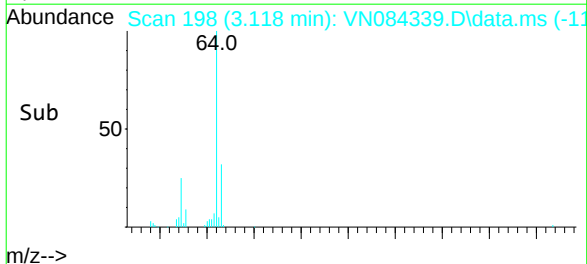
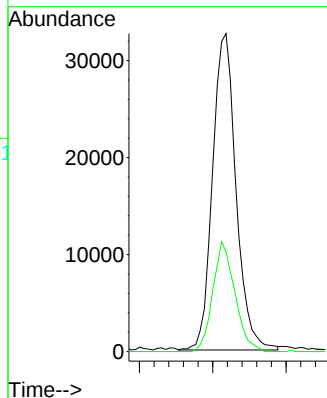
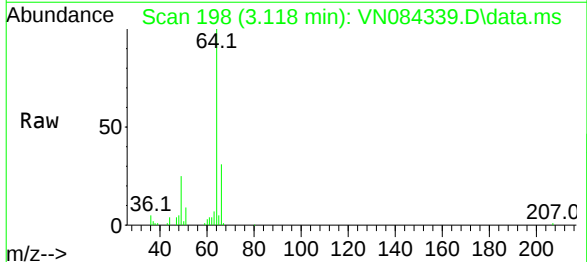
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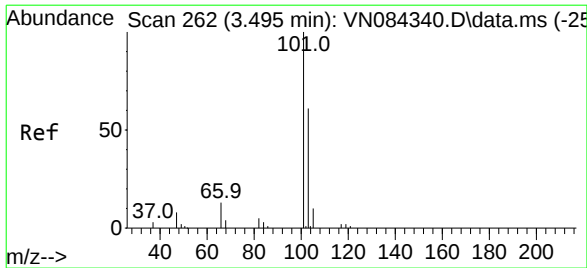
Reviewed By :John Carlone 10/09/2024
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#6
Chloroethane
Concen: 45.819 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN084339.D
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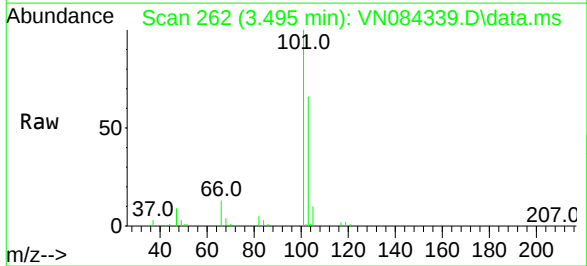
Tgt Ion: 64 Resp: 72586
Ion Ratio Lower Upper
64 100
66 31.5 27.7 41.5





#7
 Trichlorofluoromethane
 Concen: 48.893 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
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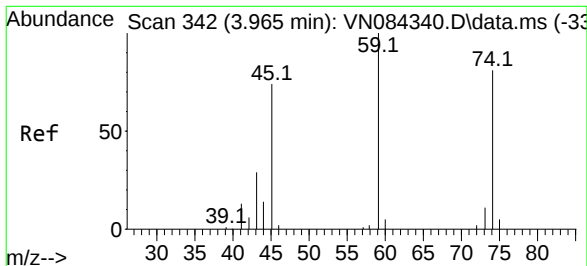
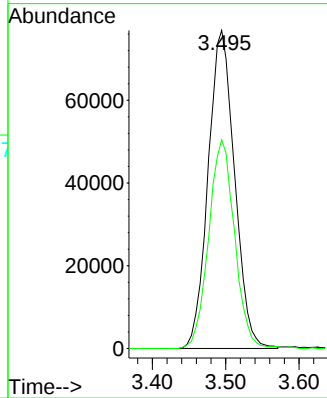
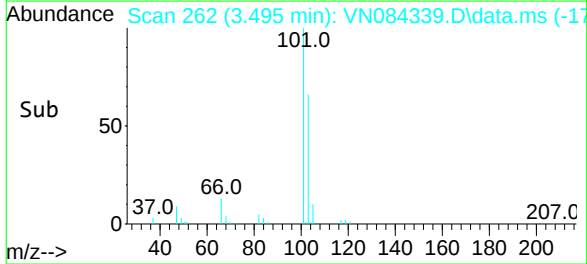
Instrument :
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 VSTDIC050



Tgt Ion:101 Resp: 192447
 Ion Ratio Lower Upper
 101 100
 103 65.6 49.0 73.6

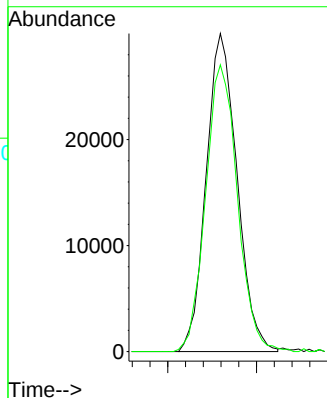
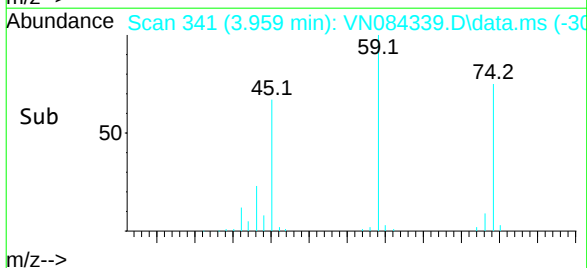
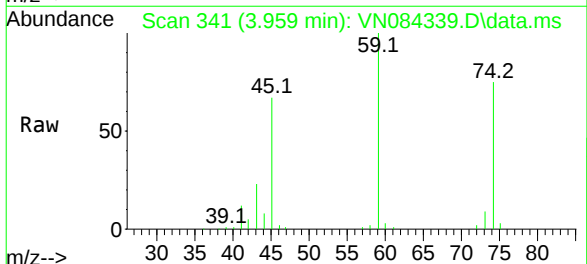
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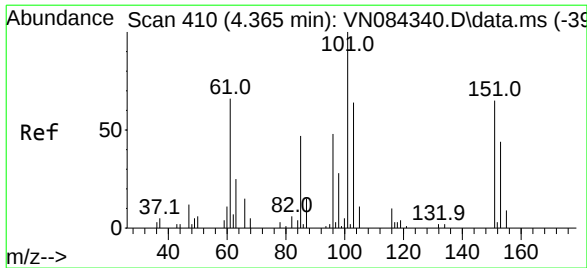
Reviewed By :John Carlone 10/09/2024
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#8
 Diethyl Ether
 Concen: 50.089 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN084339.D
 Acq: 08 Oct 2024 10:31

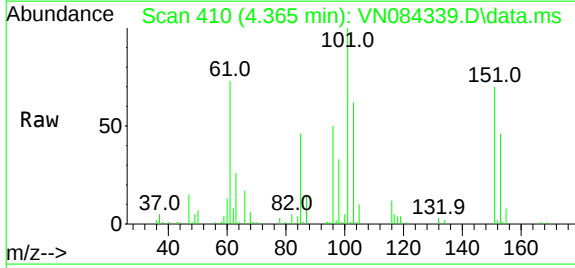
Tgt Ion: 74 Resp: 72484
 Ion Ratio Lower Upper
 74 100
 45 93.0 19.2 173.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.040 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

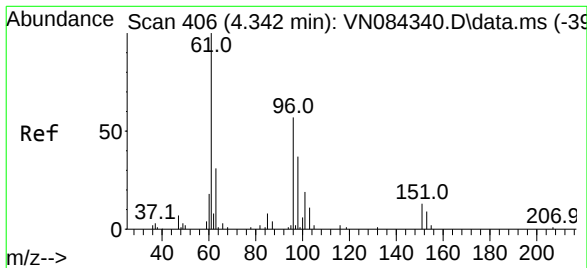
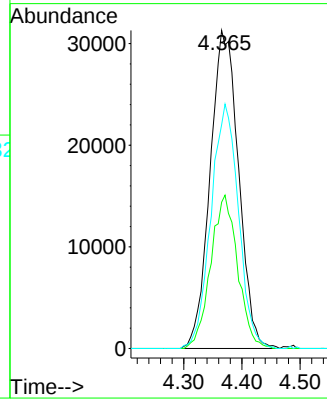
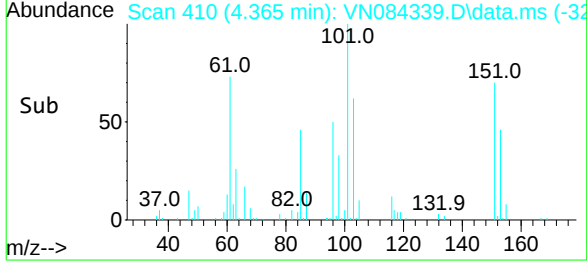
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



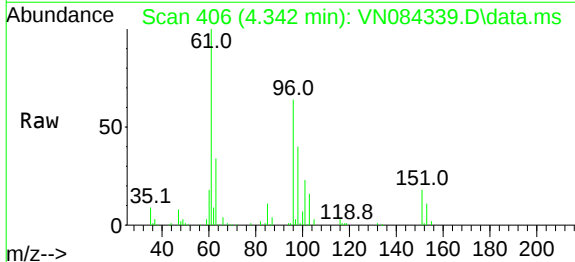
Tgt Ion: 101 Resp: 106319
Ion Ratio Lower Upper
101 100
85 45.7 0.0 93.6
151 74.4 0.0 151.8

Manual Integrations
APPROVED

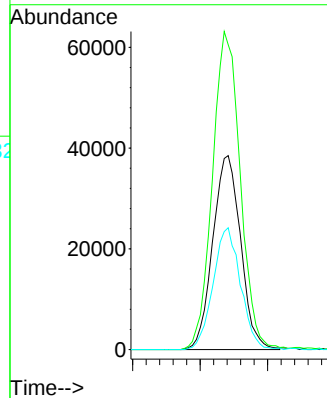
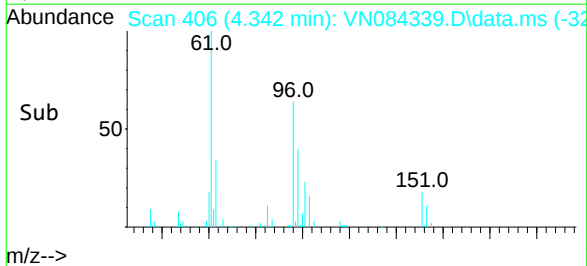
Reviewed By : John Carlone 10/09/2024
Supervised By : Mahesh Dadoda 10/09/2024

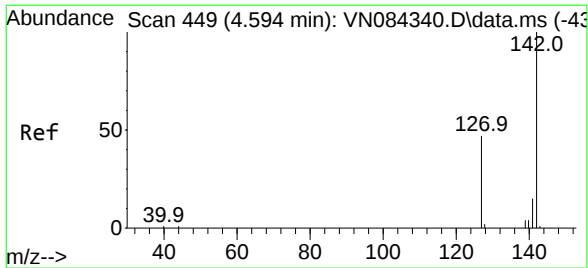


#10
1,1-Dichloroethene
Concen: 50.053 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31



Tgt Ion: 96 Resp: 110533
Ion Ratio Lower Upper
96 100
61 157.2 140.8 211.2
98 62.8 52.2 78.2





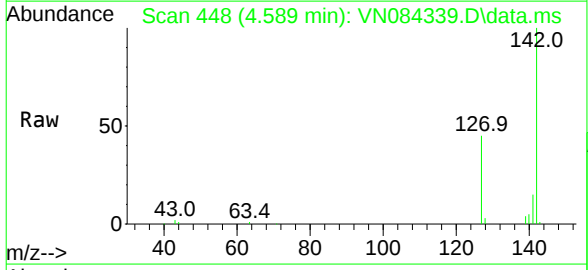
#11
Methyl Iodide
Concen: 50.376 ug/l
RT: 4.589 min Scan# 44
Delta R.T. -0.006 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



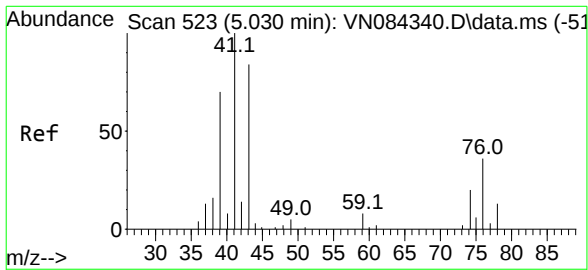
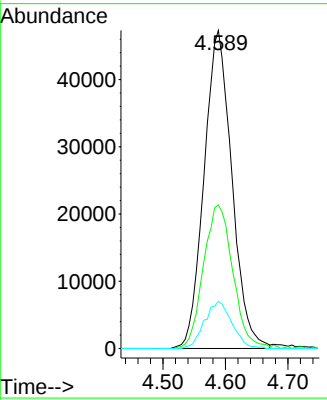
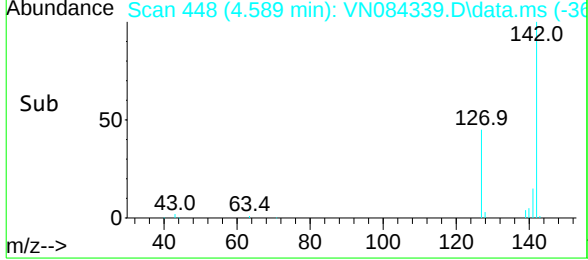
Tgt Ion:	142	Resp:	146194
Ion	Ratio	Lower	Upper
142	100		
127	45.1	23.8	71.4
141	14.9	7.4	22.2

Manual Integrations

APPROVED

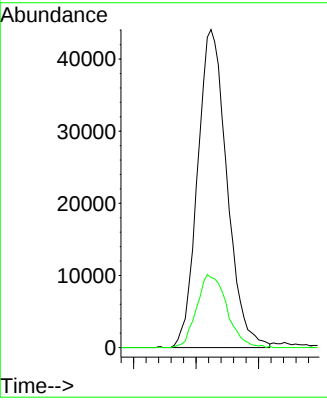
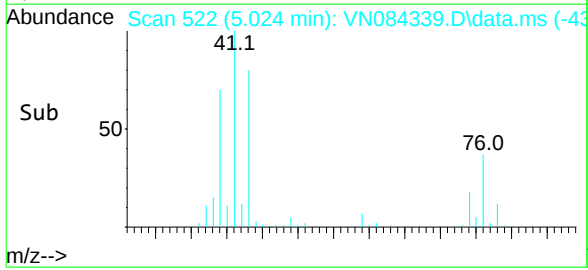
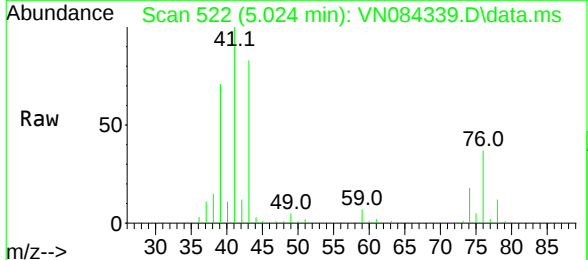
Reviewed By :John Carlone 10/09/2024

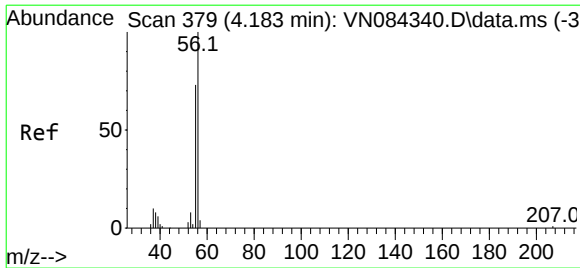
Supervised By :Mahesh Dadoda 10/09/2024



#12
Methyl Acetate
Concen: 52.068 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

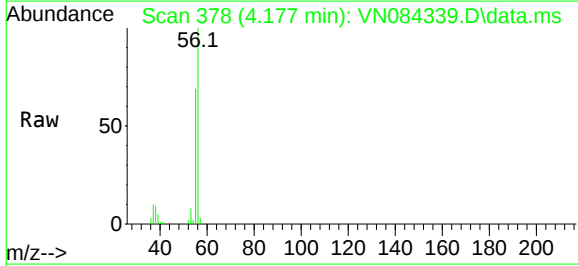
Tgt Ion:	43	Resp:	143947
Ion	Ratio	Lower	Upper
43	100		
74	21.9	19.4	29.2





#13
Acrolein
Concen: 247.880 ug/l
RT: 4.177 min Scan# 37
Delta R.T. -0.006 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

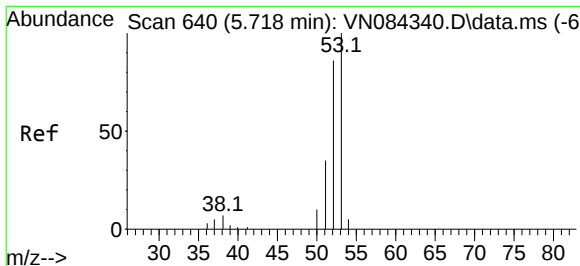
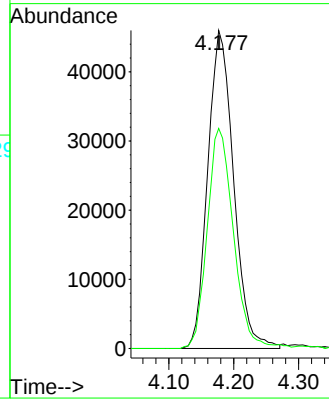
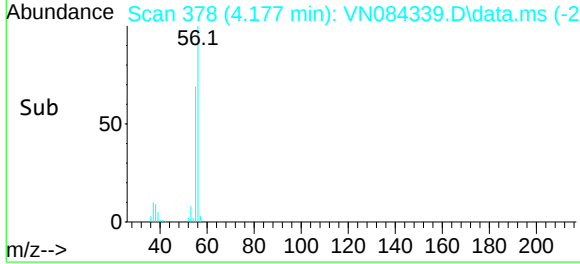
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



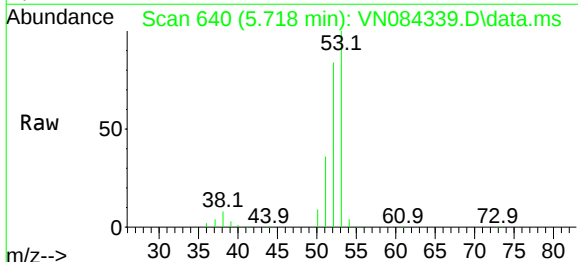
Tgt Ion: 56 Resp: 127301
Ion Ratio Lower Upper
56 100
55 69.7 56.4 84.6

Manual Integrations
APPROVED

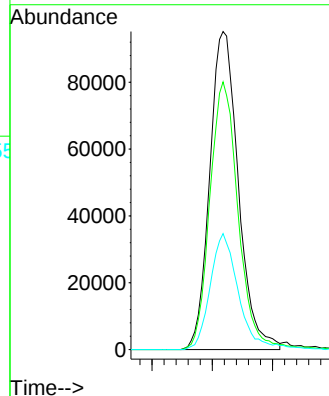
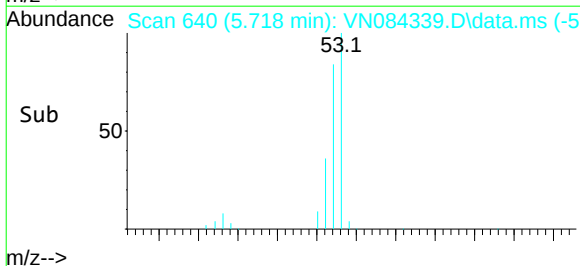
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

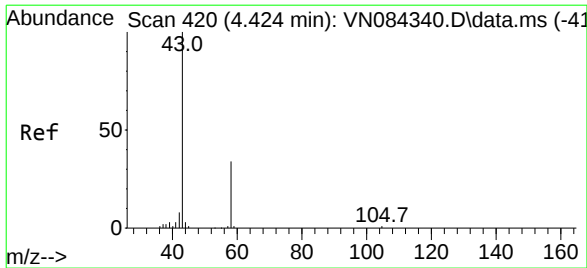


#14
Acrylonitrile
Concen: 253.254 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31



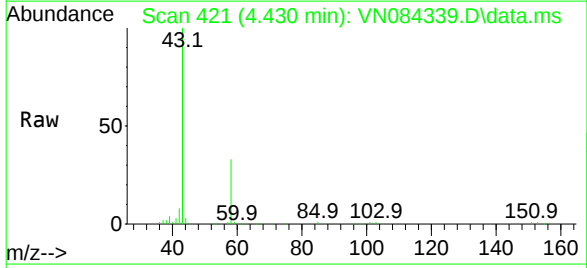
Tgt Ion: 53 Resp: 314551
Ion Ratio Lower Upper
53 100
52 82.9 40.4 121.2
51 35.1 17.8 53.4





#15
Acetone
Concen: 254.725 ug/l
RT: 4.430 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

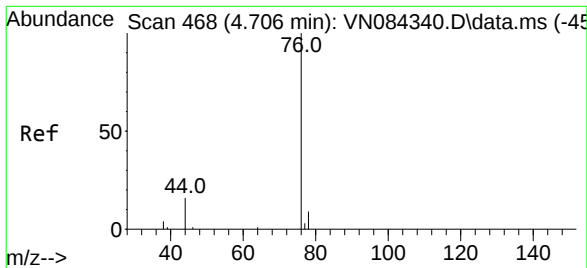
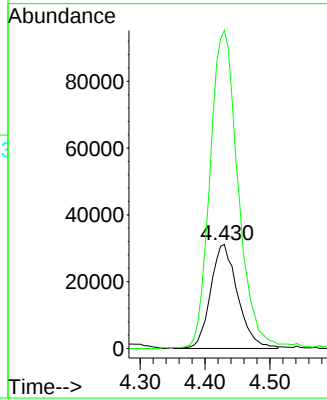
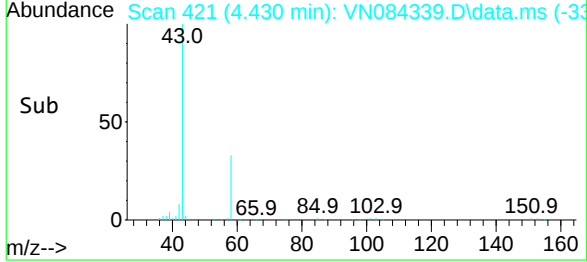
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 58 Resp: 90377
Ion Ratio Lower Upper
58 100
43 304.6 237.5 356.3

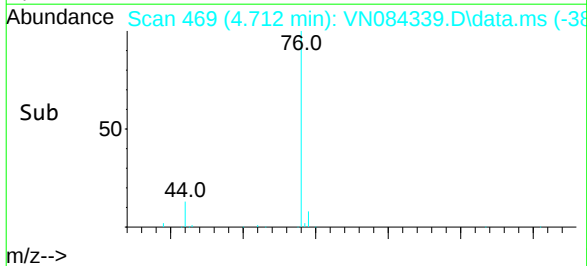
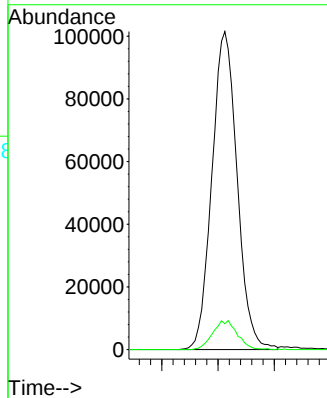
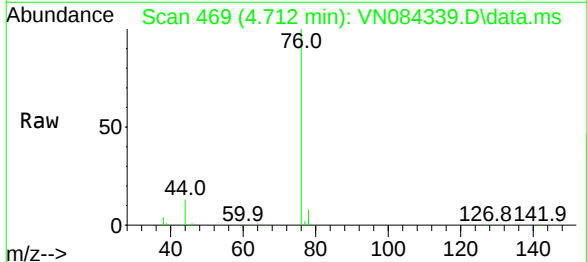
Manual Integrations
APPROVED

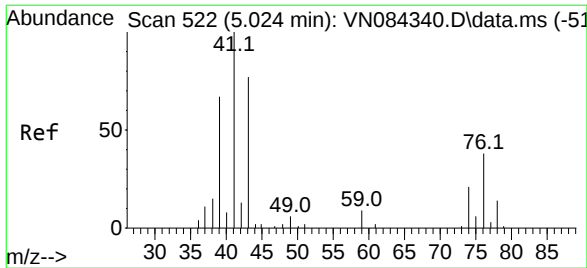
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#16
Carbon Disulfide
Concen: 48.056 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

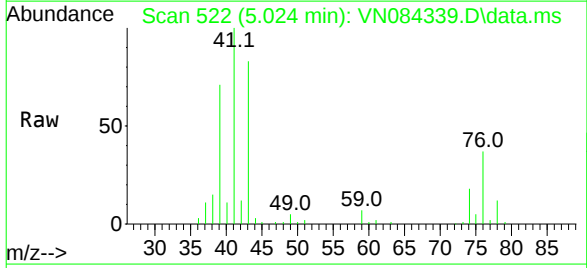
Tgt Ion: 76 Resp: 316013
Ion Ratio Lower Upper
76 100
78 8.1 7.1 10.7





#17
 Allyl chloride
 Concen: 50.205 ug/l
 RT: 5.024 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VN084339.D
 Acq: 08 Oct 2024 10:31

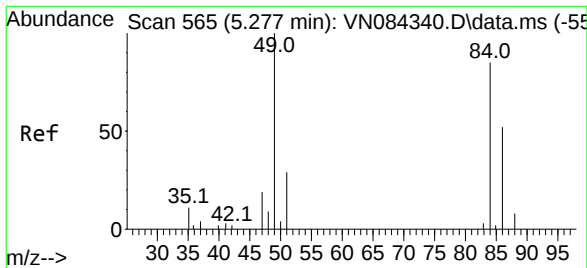
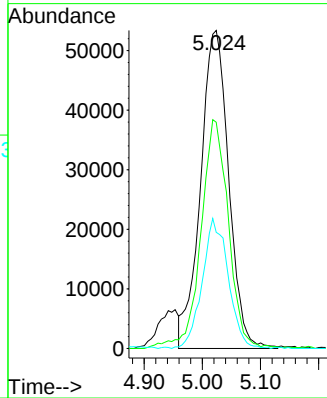
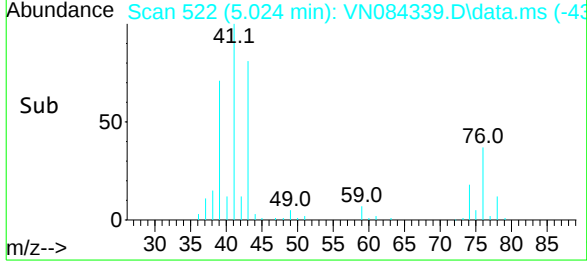
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



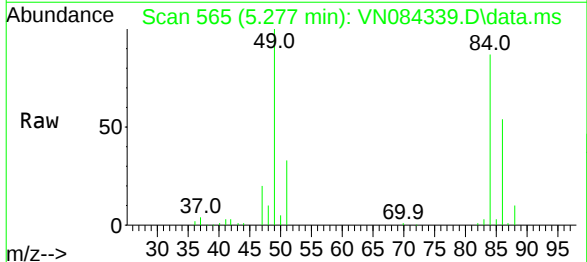
Tgt Ion: 41 Resp: 179722
 Ion Ratio Lower Upper
 41 100
 39 71.0 31.4 94.3
 76 36.4 17.8 53.5

Manual Integrations
 APPROVED

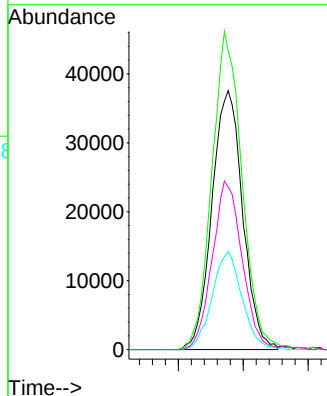
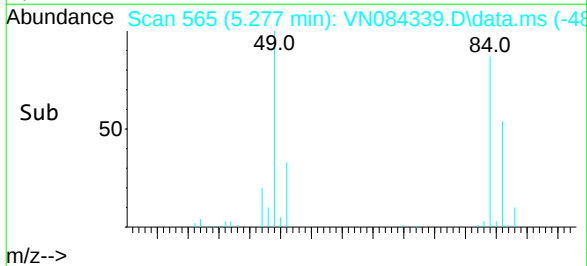
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024

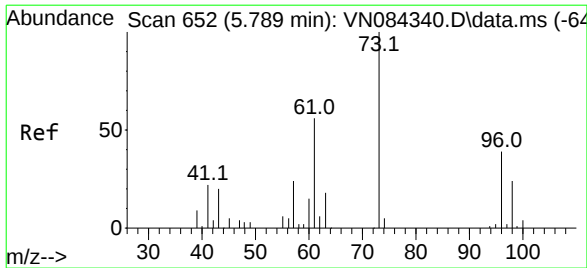


#18
 Methylene Chloride
 Concen: 49.660 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN084339.D
 Acq: 08 Oct 2024 10:31



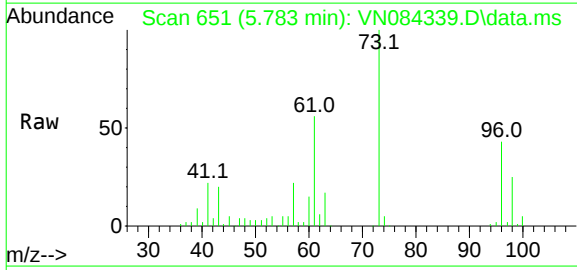
Tgt Ion: 84 Resp: 123536
 Ion Ratio Lower Upper
 84 100
 49 115.5 94.6 142.0
 51 37.9 27.3 40.9
 86 62.8 49.4 74.0





#19
trans-1,2-Dichloroethene
Concen: 49.248 ug/l
RT: 5.783 min Scan# 65
Delta R.T. -0.006 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

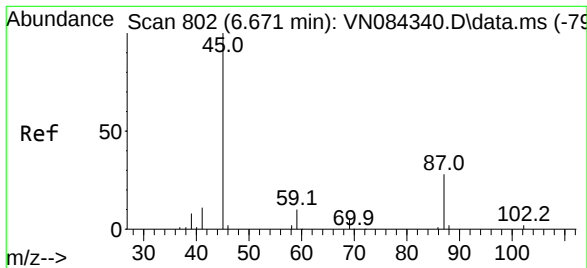
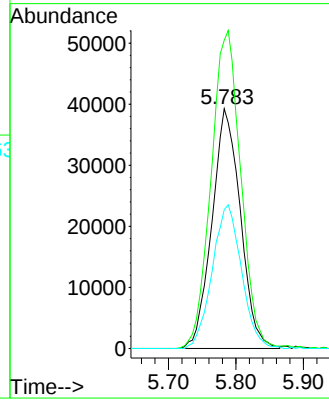
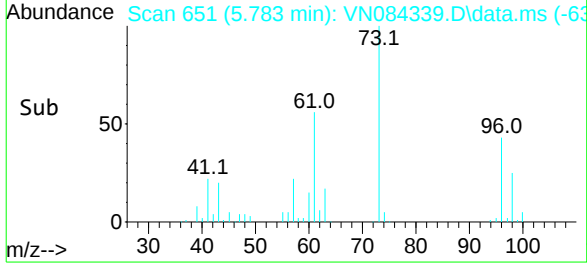
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 96 Resp: 115099
Ion Ratio Lower Upper
96 100
61 128.1 115.8 173.6
98 57.9 49.4 74.0

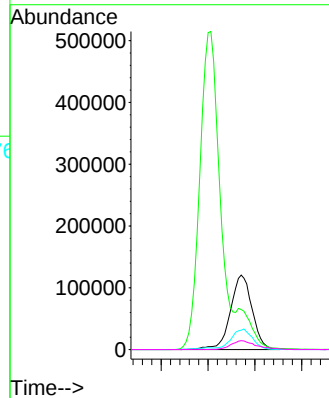
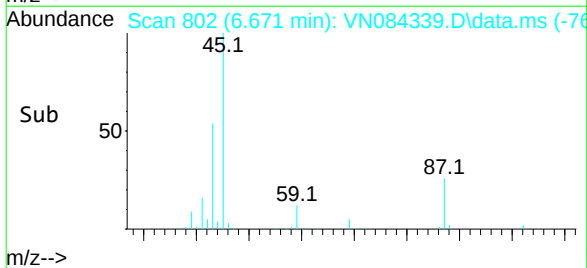
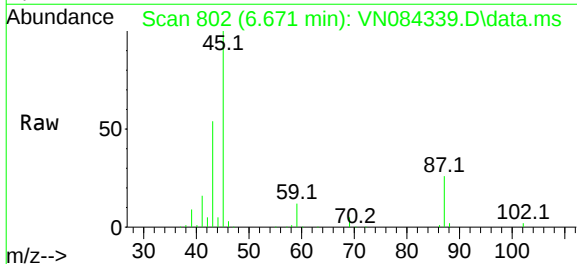
Manual Integrations
APPROVED

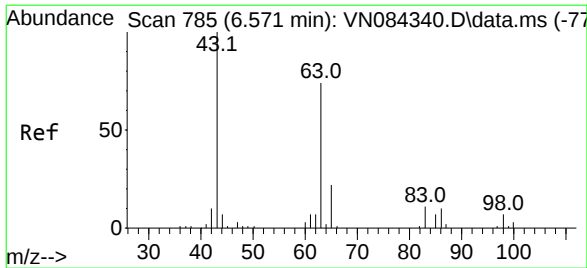
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#20
Diisopropyl ether
Concen: 50.368 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Tgt Ion: 45 Resp: 387668
Ion Ratio Lower Upper
45 100
43 52.4 43.7 65.5
87 25.9 23.1 34.7
59 12.0 8.2 12.4





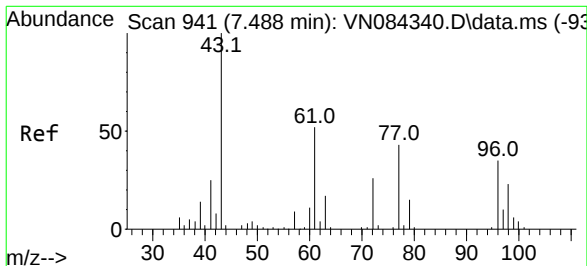
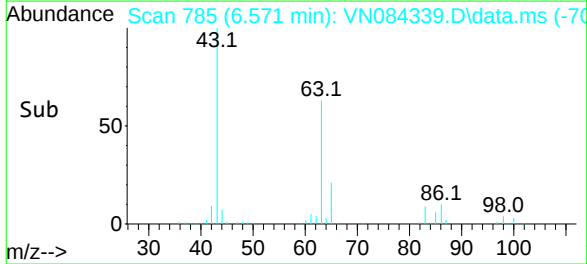
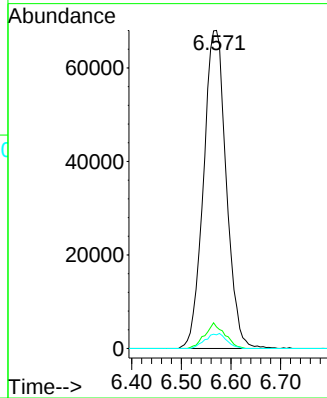
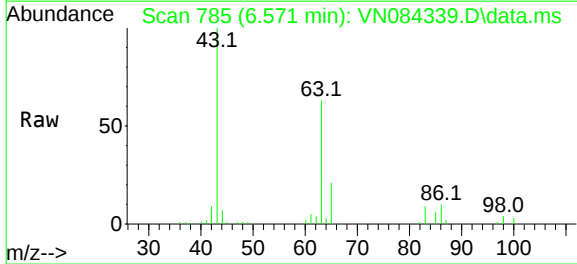
#21
1,1-Dichloroethane
Concen: 48.975 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 216289
Ion Ratio Lower Upper
63 100
98 6.8 4.5 13.4
100 4.3 2.1 6.3

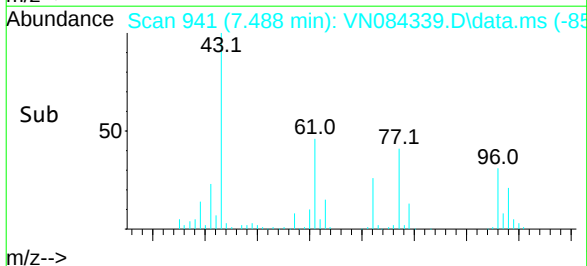
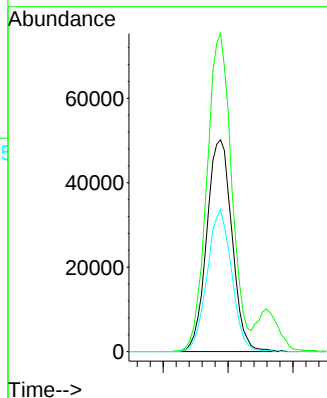
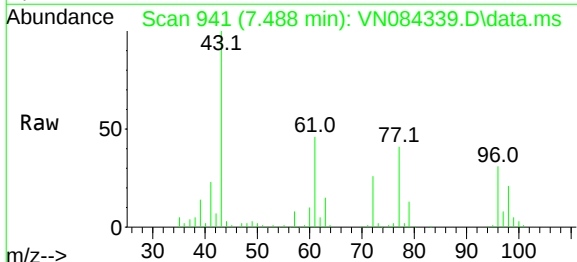
Manual Integrations
APPROVED

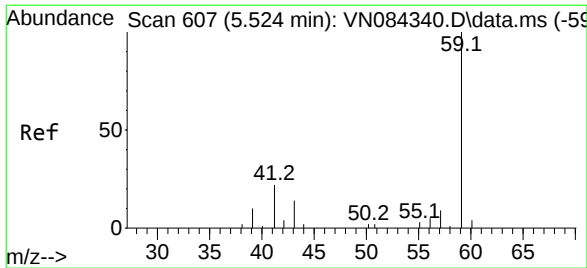
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#22
cis-1,2-Dichloroethene
Concen: 49.862 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Tgt Ion: 96 Resp: 135603
Ion Ratio Lower Upper
96 100
61 147.6 118.0 177.0
98 64.7 51.8 77.8





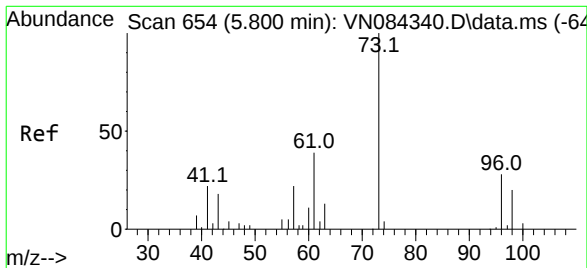
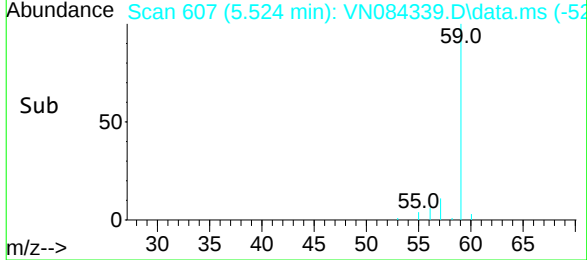
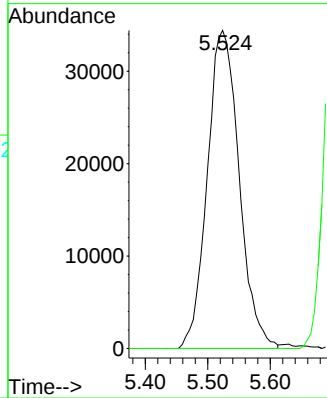
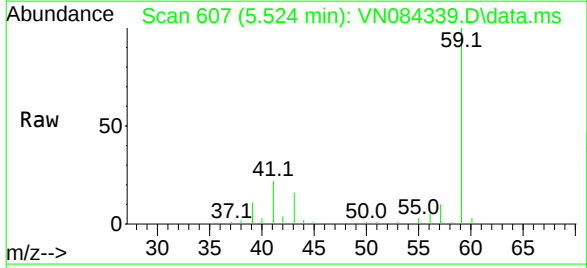
#23
tert-Butyl Alcohol
Concen: 255.936 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 59 Resp: 121932
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

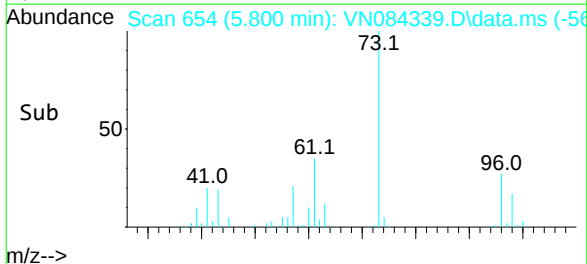
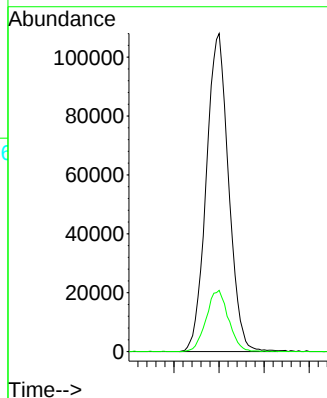
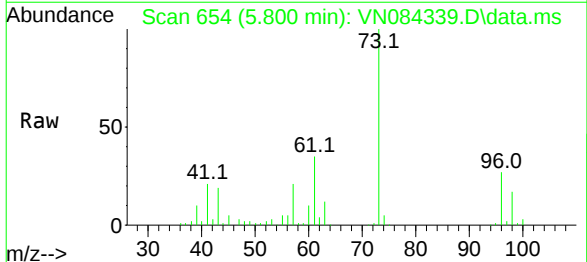
Manual Integrations
APPROVED

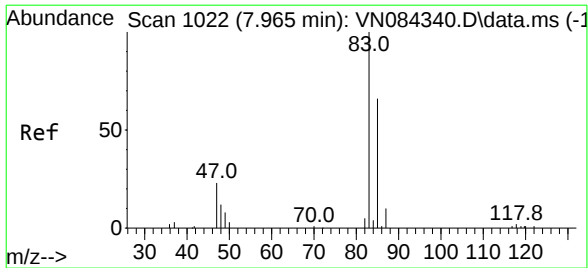
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#24
Methyl tert-Butyl Ether
Concen: 50.347 ug/l m
RT: 5.800 min Scan# 654
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

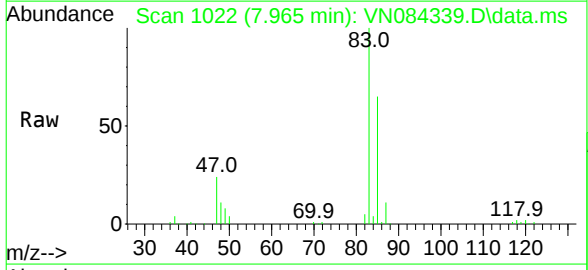
Tgt Ion: 73 Resp: 371557
Ion Ratio Lower Upper
73 100
43 0.0 10.9 16.3#





#25
 Chloroform
 Concen: 50.153 ug/l
 RT: 7.965 min Scan# 1022
 Delta R.T. -0.000 min
 Lab File: VN084339.D
 Acq: 08 Oct 2024 10:31

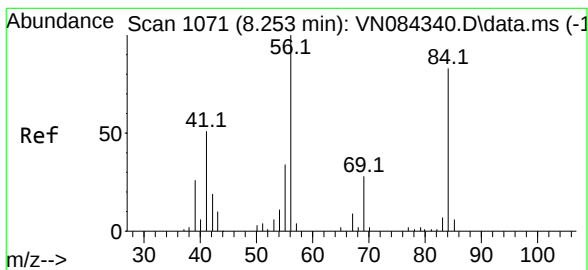
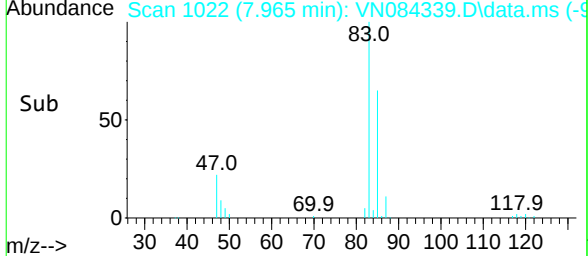
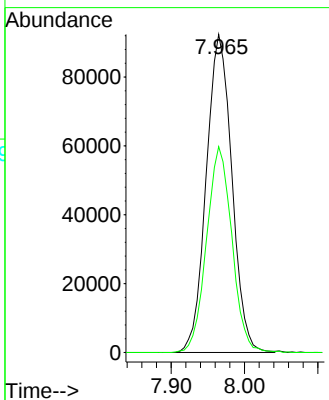
Instrument : MSVOA_N
 ClientSampleId : VSTDIC050



Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.4	78.6

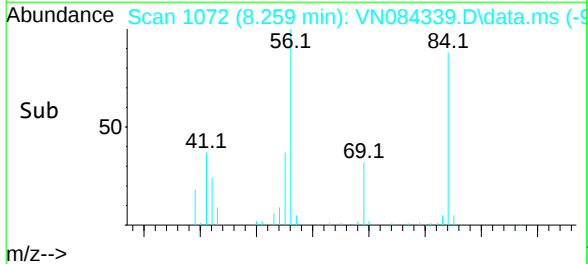
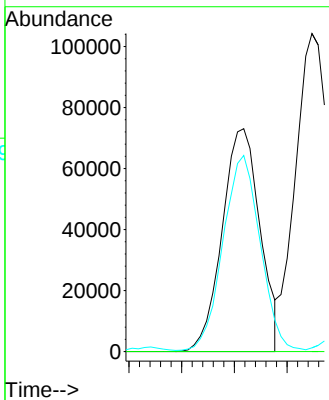
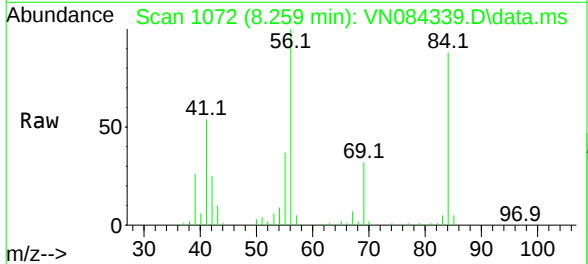
Manual Integrations
 APPROVED

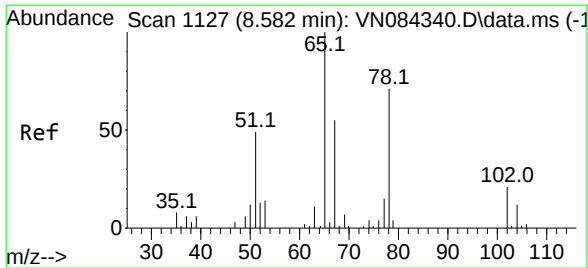
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024



#26
 Cyclohexane
 Concen: 49.456 ug/l
 RT: 8.259 min Scan# 1072
 Delta R.T. 0.006 min
 Lab File: VN084339.D
 Acq: 08 Oct 2024 10:31

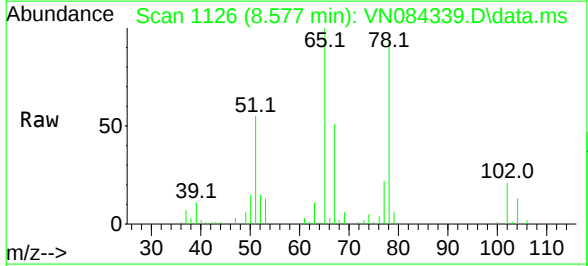
Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	87.0	67.0	100.6





#27
1,2-Dichloroethane-d4
Concen: 29.444 ug/l
RT: 8.577 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

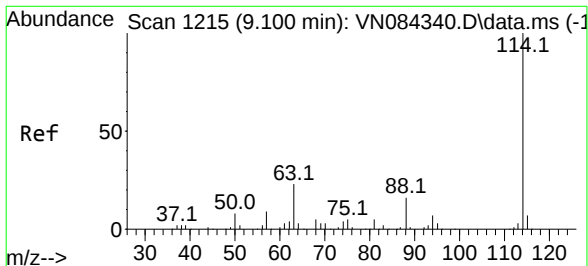
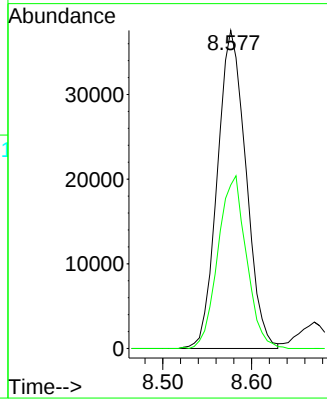
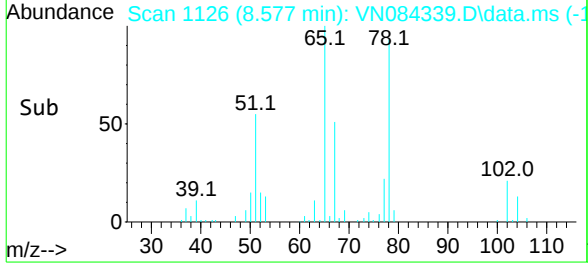
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



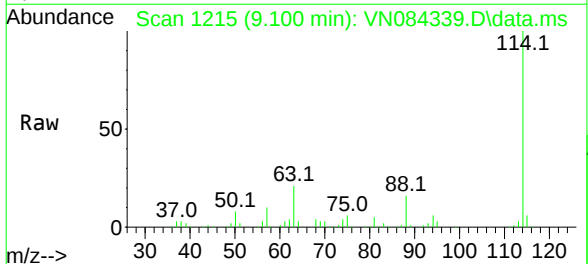
Tgt Ion: 65 Resp: 84072
Ion Ratio Lower Upper
65 100
67 53.9 41.5 62.3

Manual Integrations
APPROVED

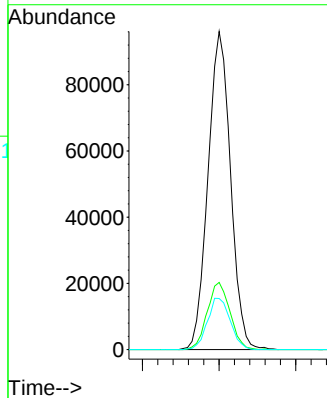
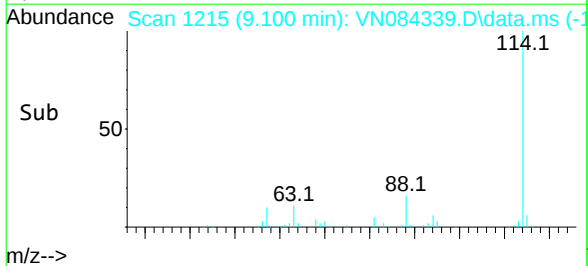
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

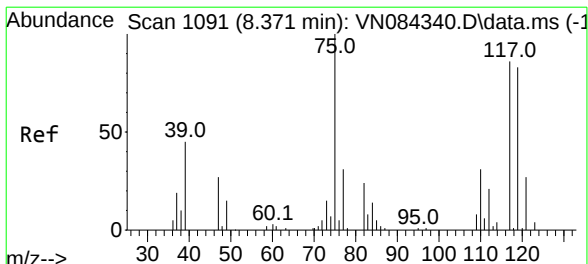


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31



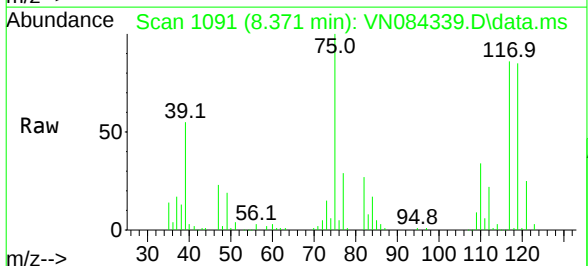
Tgt Ion:114 Resp: 196182
Ion Ratio Lower Upper
114 100
63 21.3 17.4 26.0
88 16.4 13.2 19.8





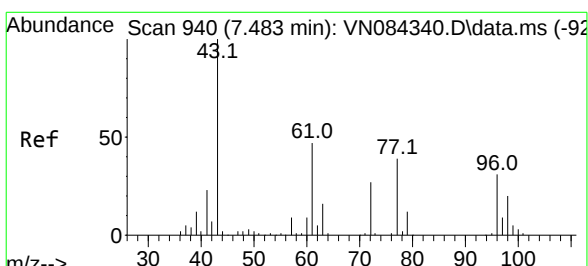
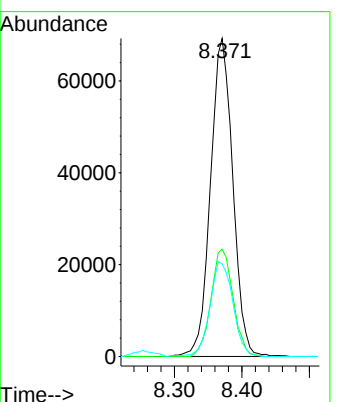
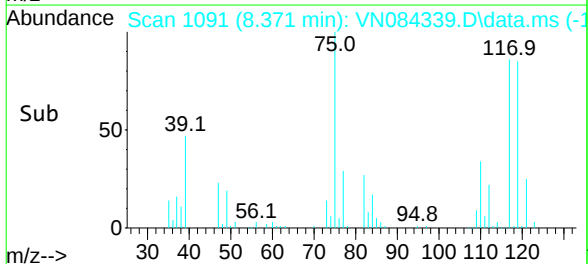
#29
 1,1-Dichloropropene
 Concen: 49.412 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. -0.000 min
 Lab File: VN084339.D
 Acq: 08 Oct 2024 10:31

Instrument : MSVOA_N
 ClientSampleId : VSTDICC050

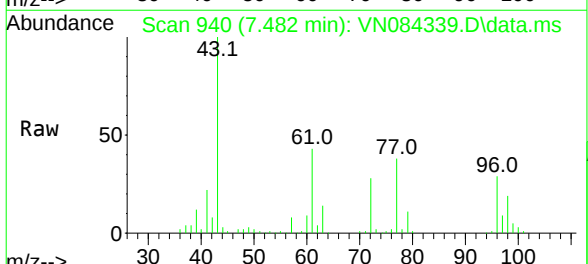


Tgt Ion:	75	Resp:	159132
Ion	Ratio	Lower	Upper
75	100		
110	33.3	0.0	67.6
77	30.6	0.0	61.4

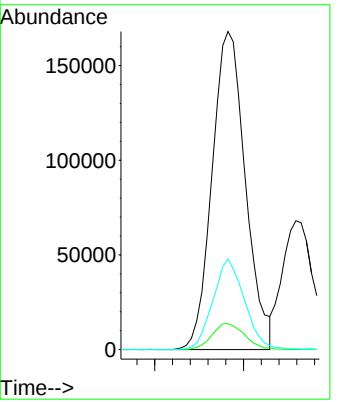
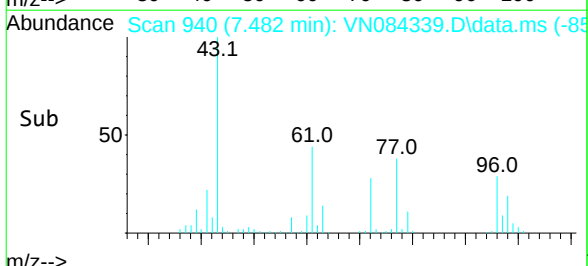
Manual Integrations
APPROVED
 Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024

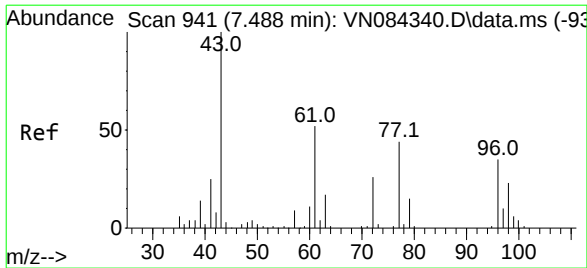


#30
 2-Butanone
 Concen: 255.703 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN084339.D
 Acq: 08 Oct 2024 10:31



Tgt Ion:	43	Resp:	438443
Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.6	9.8
72	26.9	21.3	31.9





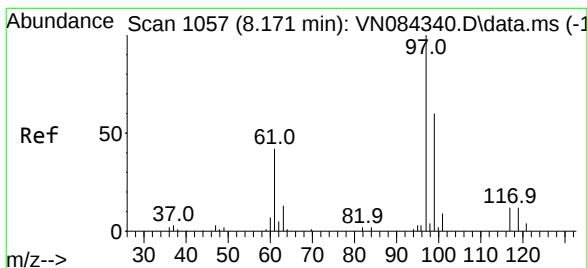
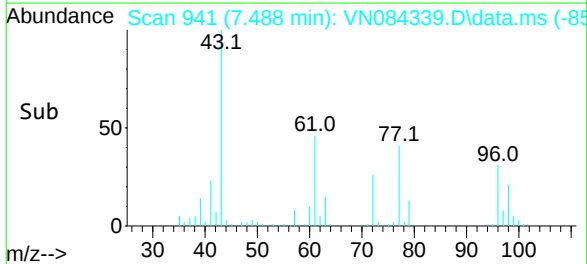
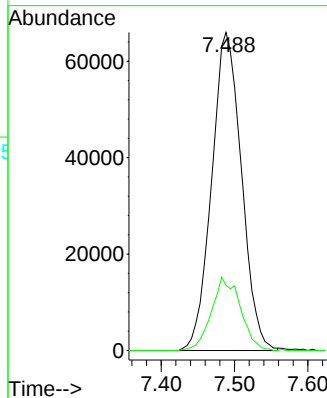
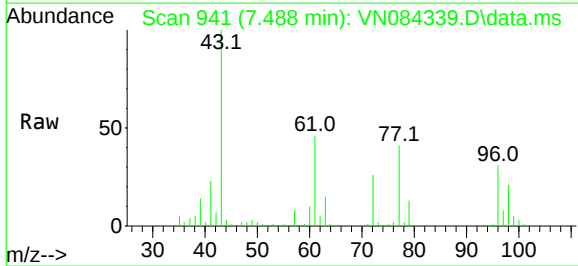
#31
2,2-Dichloropropane
Concen: 49.191 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 77 Resp: 186163
Ion Ratio Lower Upper
77 100
97 14.7 11.5 17.3

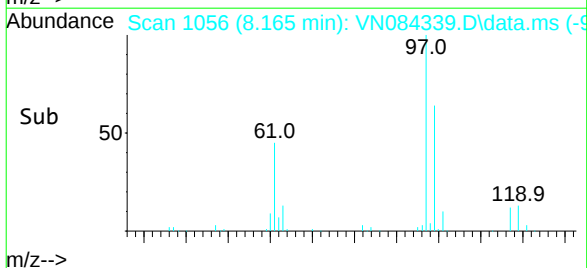
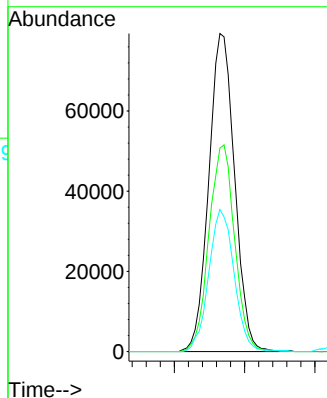
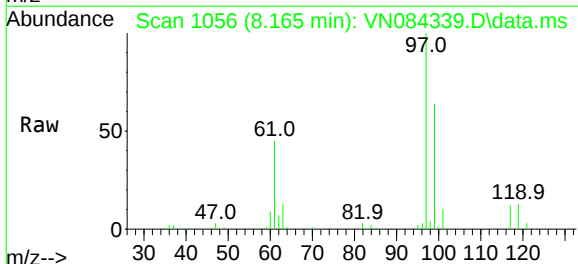
Manual Integrations
APPROVED

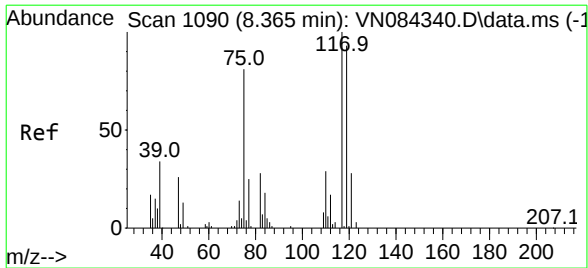
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#32
1,1,1-Trichloroethane
Concen: 49.200 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

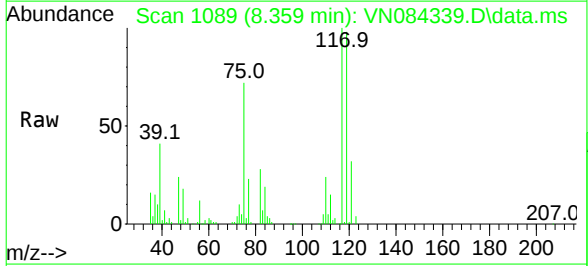
Tgt Ion: 97 Resp: 202531
Ion Ratio Lower Upper
97 100
99 64.8 51.2 76.8
61 43.7 34.1 51.1





#33
Carbon Tetrachloride
Concen: 48.728 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

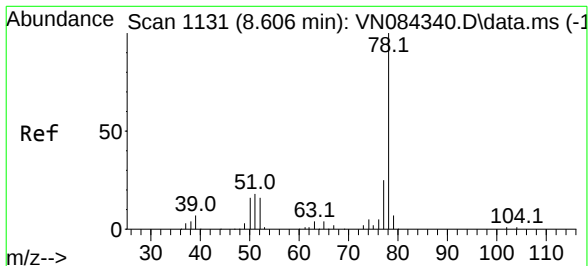
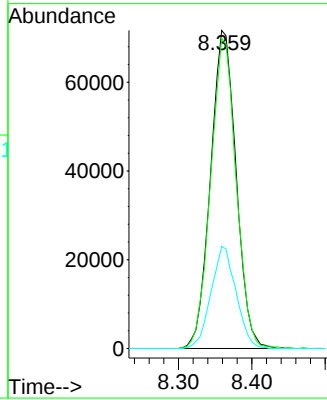
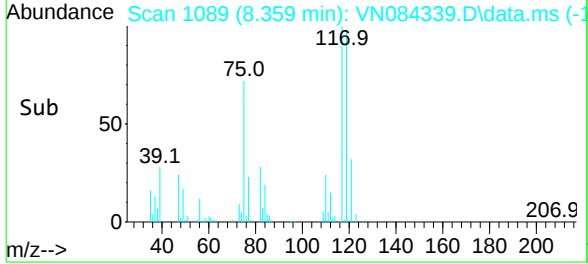
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 117 Resp: 173775
Ion Ratio Lower Upper
117 100
119 97.5 74.3 111.5
121 32.1 22.4 33.6

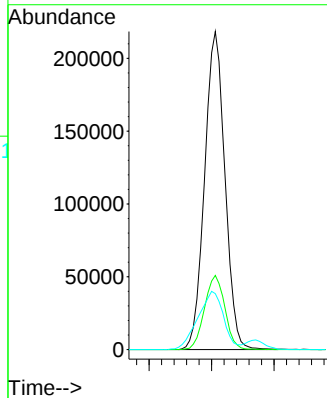
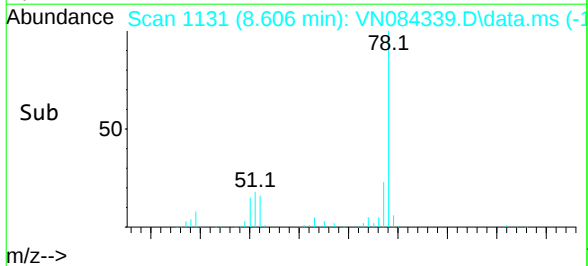
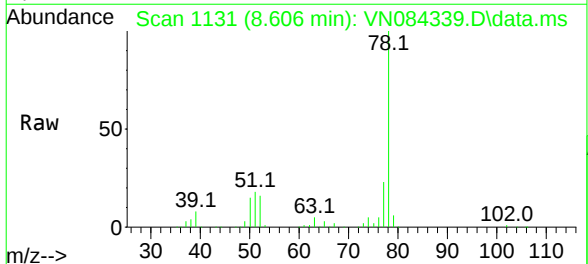
Manual Integrations
APPROVED

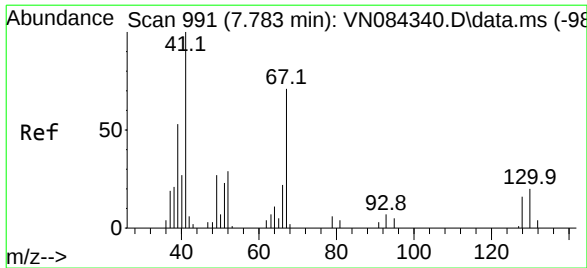
Reviewed By : John Carlone 10/09/2024
Supervised By : Mahesh Dadoda 10/09/2024



#34
Benzene
Concen: 49.013 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Tgt Ion: 78 Resp: 494102
Ion Ratio Lower Upper
78 100
77 23.3 19.6 29.4
51 17.4 15.8 23.6





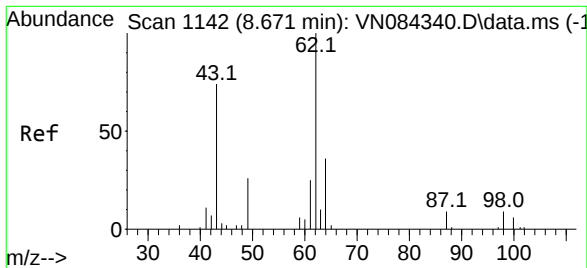
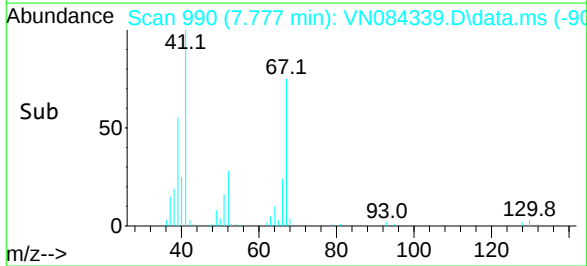
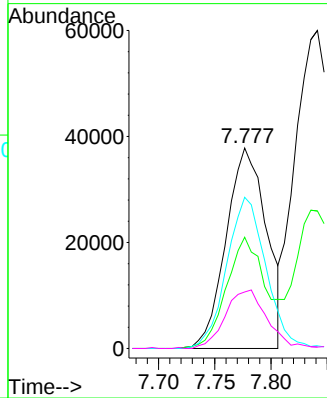
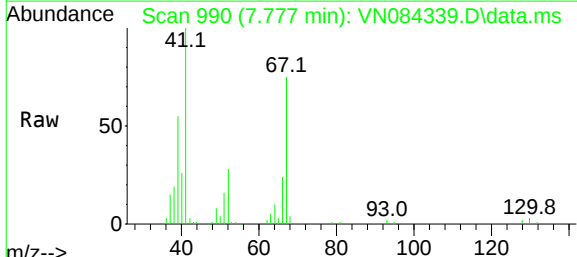
#35
Methacrylonitrile
Concen: 51.695 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 41 Resp: 94562
Ion Ratio Lower Upper
41 100
39 55.5 26.4 79.0
67 75.4 35.7 107.1
52 27.7 14.5 43.5

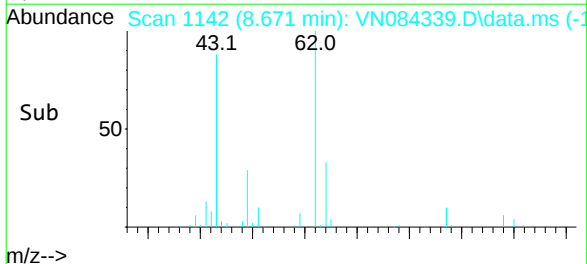
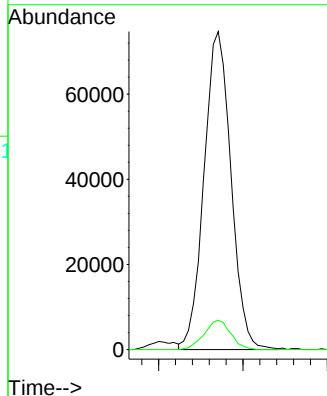
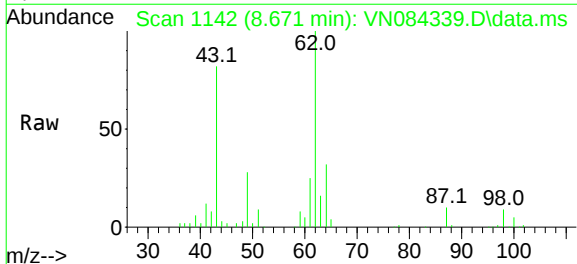
Manual Integrations
APPROVED

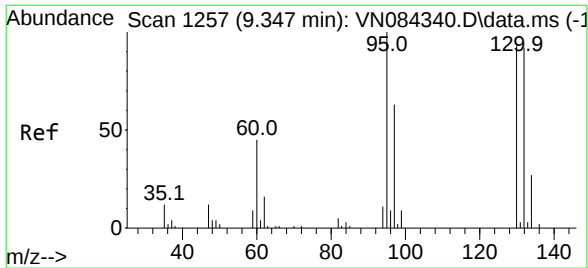
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#36
1,2-Dichloroethane
Concen: 49.385 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

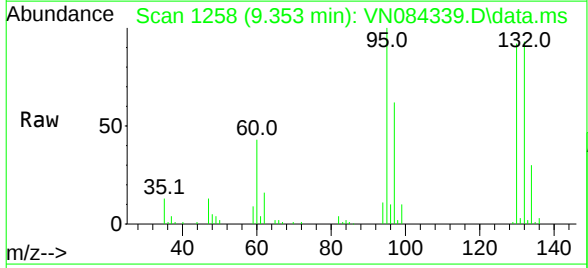
Tgt Ion: 62 Resp: 165947
Ion Ratio Lower Upper
62 100
98 9.1 7.3 10.9





#37
Trichloroethene
Concen: 48.615 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

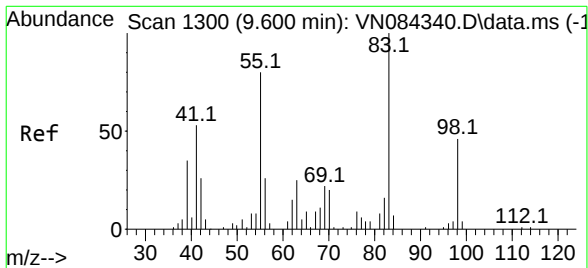
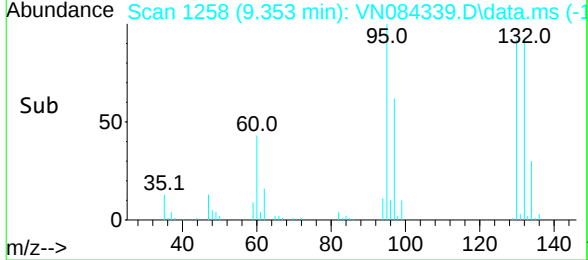
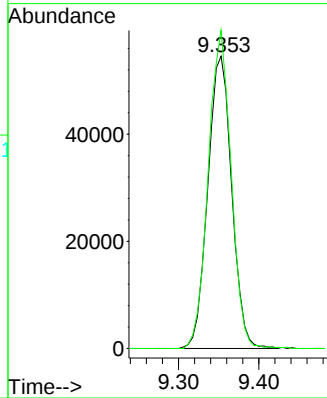
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 130 Resp: 112853
Ion Ratio Lower Upper
130 100
95 108.8 85.8 128.6

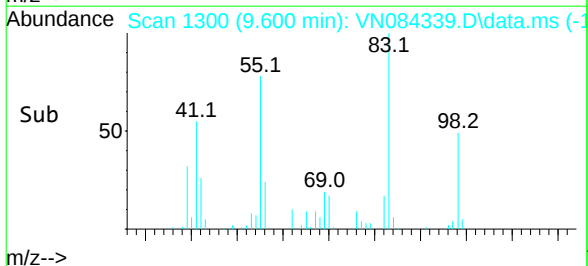
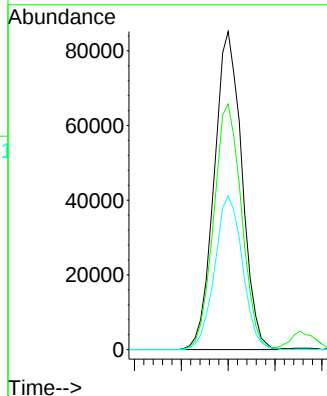
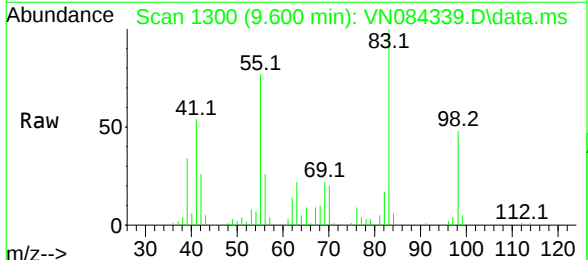
Manual Integrations
APPROVED

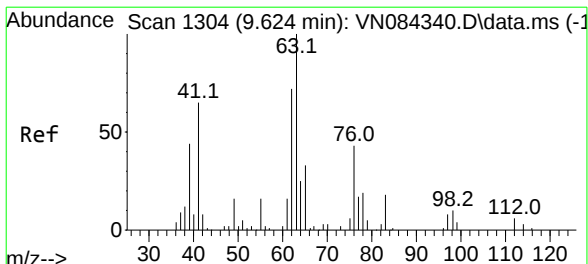
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#38
Methylcyclohexane
Concen: 49.477 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Tgt Ion: 83 Resp: 175023
Ion Ratio Lower Upper
83 100
55 77.6 39.3 117.8
98 48.5 24.0 72.0





#39
1,2-Dichloropropane
Concen: 48.292 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Instrument :

MSVOA_N

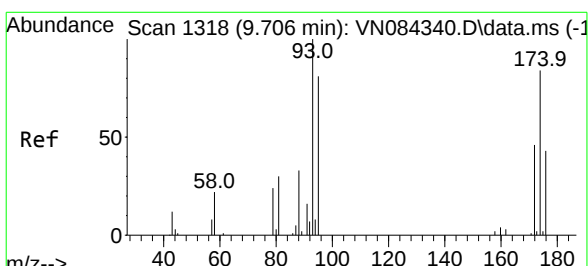
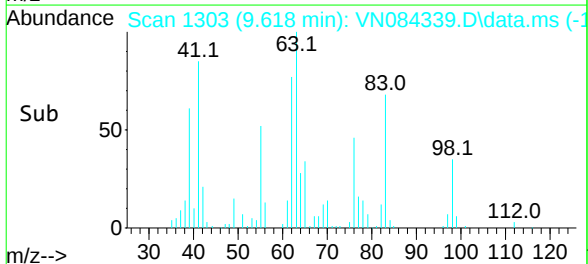
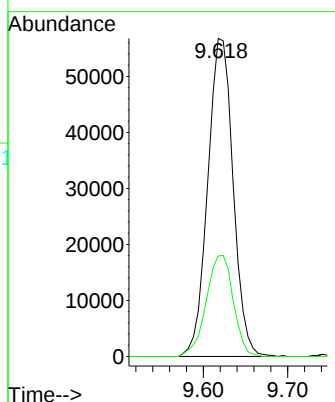
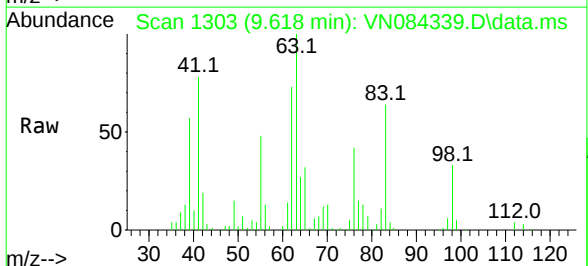
ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 118717
Ion Ratio Lower Upper
63 100
65 31.6 26.3 39.5

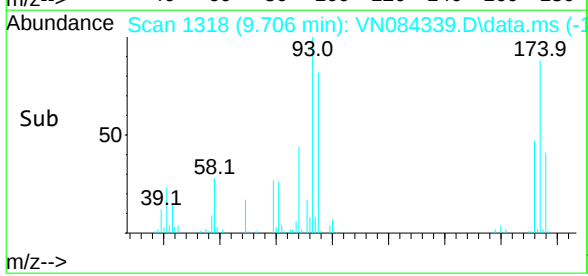
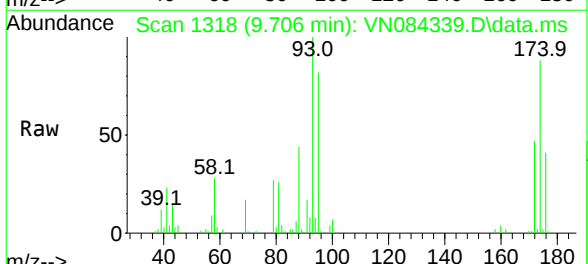
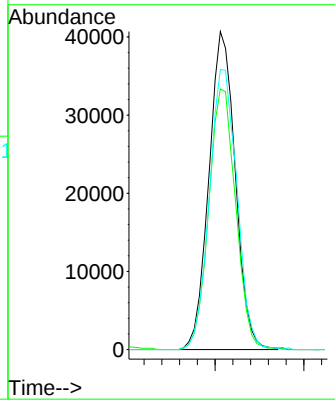
Manual Integrations
APPROVED

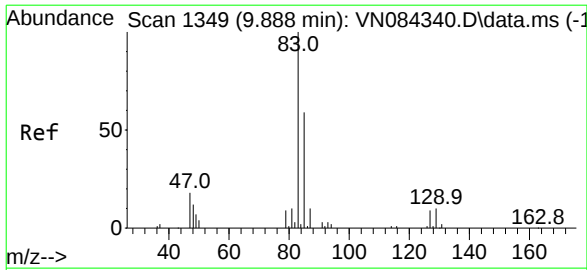
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#40
Dibromomethane
Concen: 48.900 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Tgt Ion: 93 Resp: 84017
Ion Ratio Lower Upper
93 100
95 83.3 0.0 171.4
174 92.1 0.0 183.0





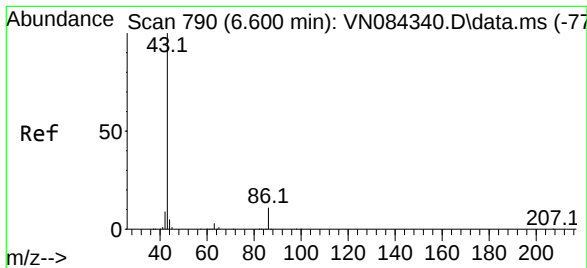
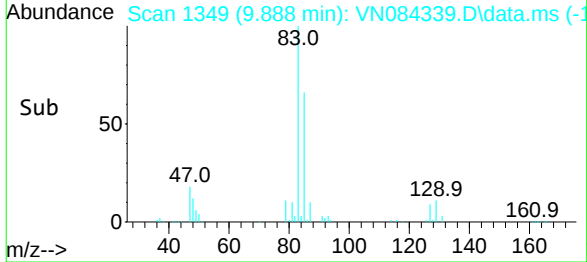
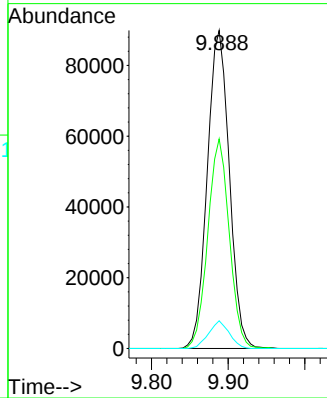
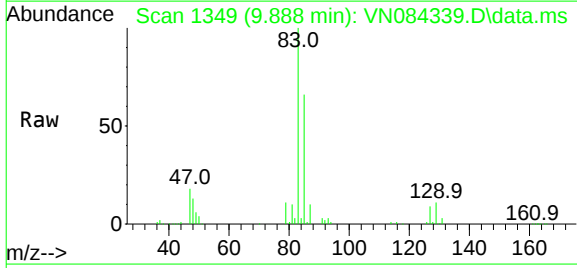
#41
Bromodichloromethane
Concen: 49.283 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 83 Resp: 179758
Ion Ratio Lower Upper
83 100
85 65.9 47.1 70.7
127 8.7 7.1 10.7

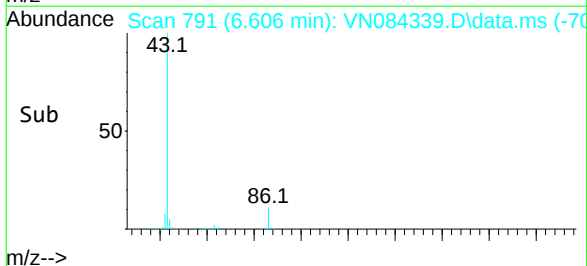
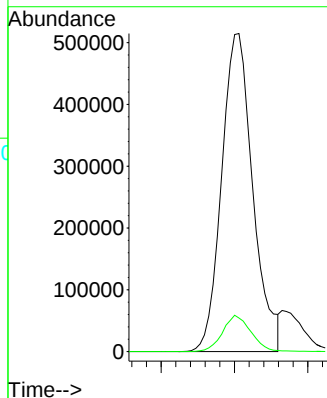
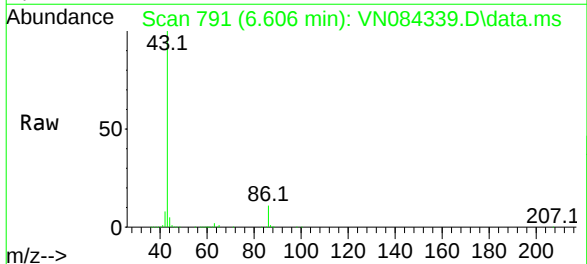
Manual Integrations
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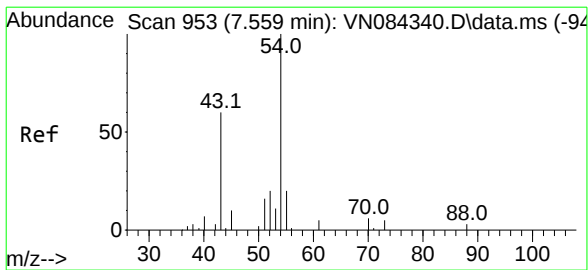
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#42
Vinyl Acetate
Concen: 254.948 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Tgt Ion: 43 Resp: 1520354
Ion Ratio Lower Upper
43 100
86 10.5 8.5 12.7





#43

Ethyl Acetate

Concen: 49.954 ug/l

RT: 7.559 min Scan# 953

Delta R.T. -0.000 min

Lab File: VN084339.D

Acq: 08 Oct 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 43 Resp: 168929

Ion Ratio Lower Upper

43 100

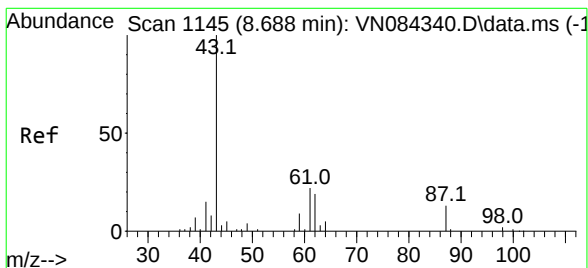
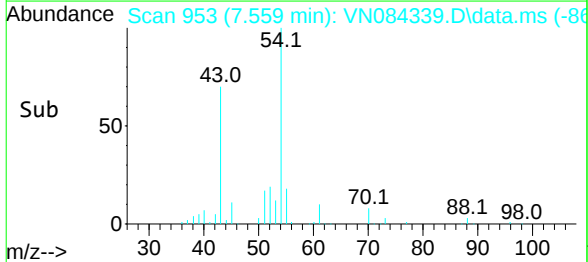
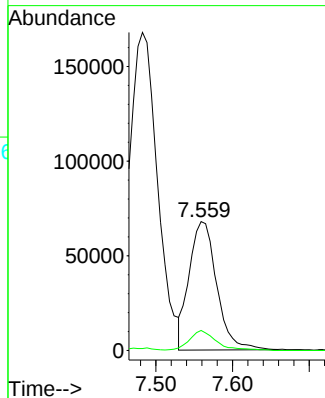
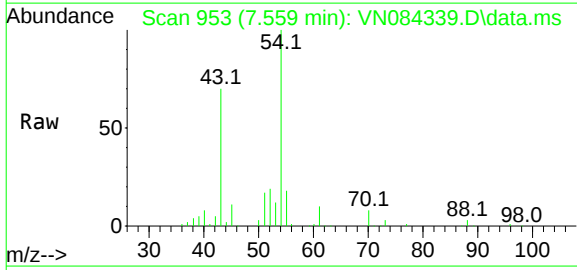
45 15.5 10.6 16.0

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Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#44

Isopropyl Acetate

Concen: 50.934 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN084339.D

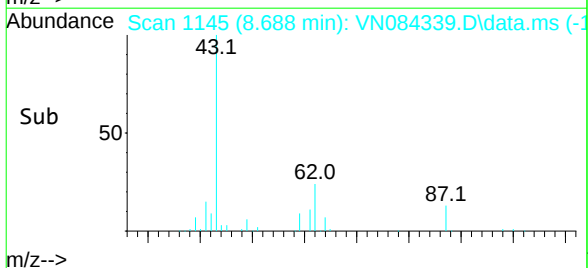
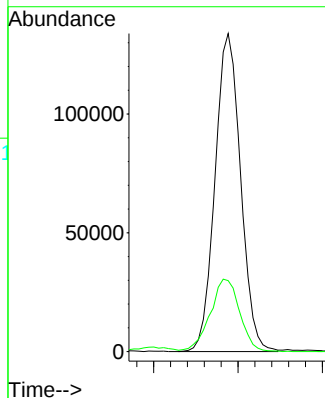
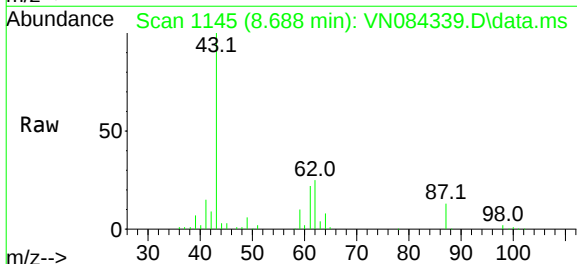
Acq: 08 Oct 2024 10:31

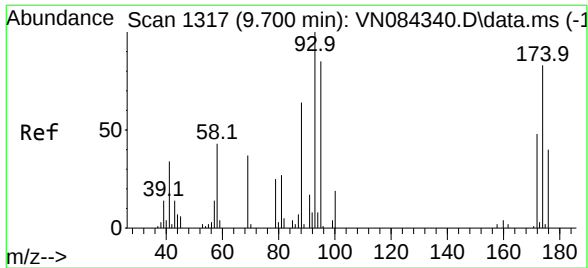
Tgt Ion: 43 Resp: 281915

Ion Ratio Lower Upper

43 100

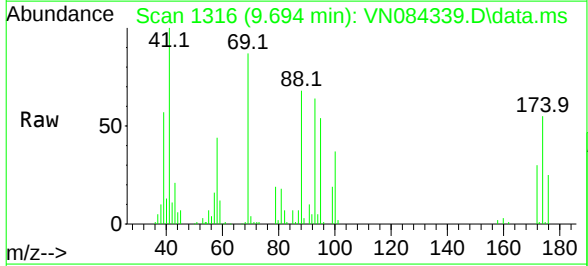
61 26.3 21.4 32.2





#45
 1,4-Dioxane
 Concen: 1038.003 ug/l
 RT: 9.694 min Scan# 1316
 Delta R.T. -0.006 min
 Lab File: VN084339.D
 Acq: 08 Oct 2024 10:31

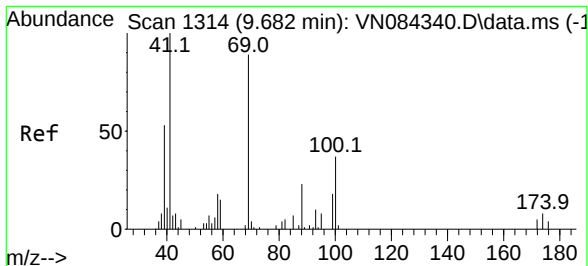
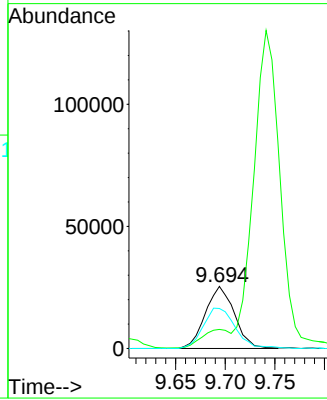
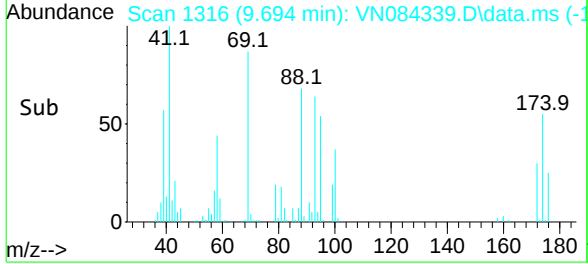
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion:	88	Resp:	51791
Ion	Ratio	Lower	Upper
88	100		
43	30.3	22.4	33.6
58	70.2	59.7	89.5

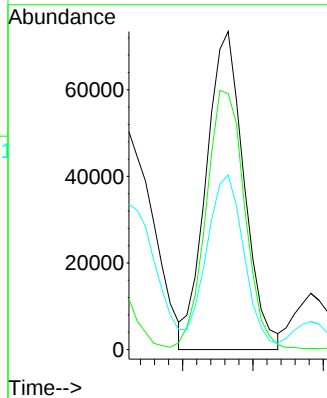
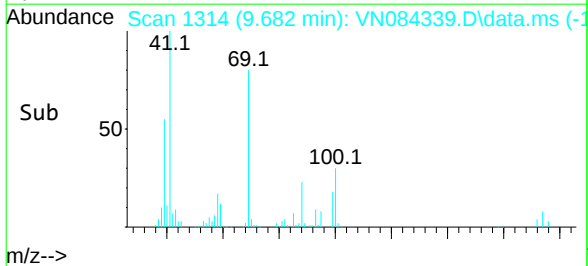
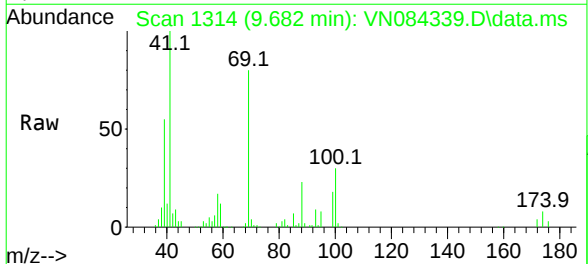
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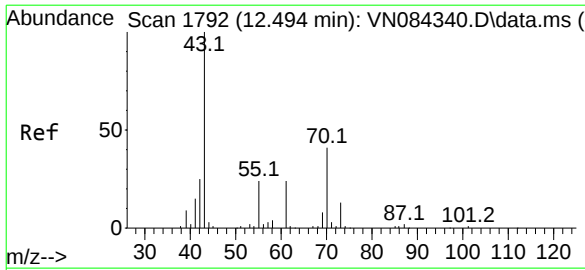
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024



#46
 Methyl methacrylate
 Concen: 51.368 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VN084339.D
 Acq: 08 Oct 2024 10:31

Tgt Ion:	41	Resp:	137372
Ion	Ratio	Lower	Upper
41	100		
69	83.1	42.6	128.0
39	55.6	27.5	82.4





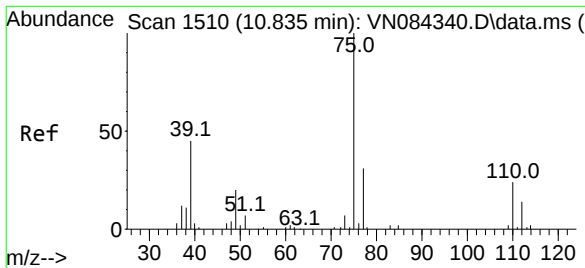
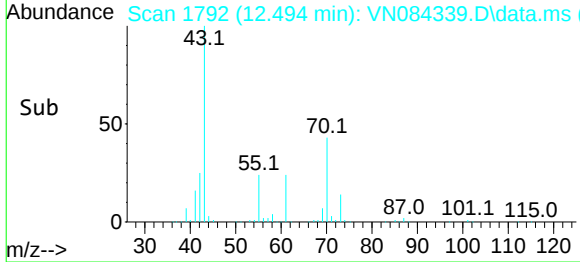
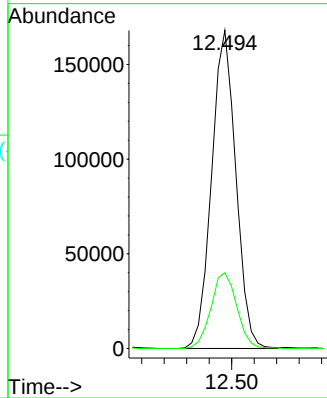
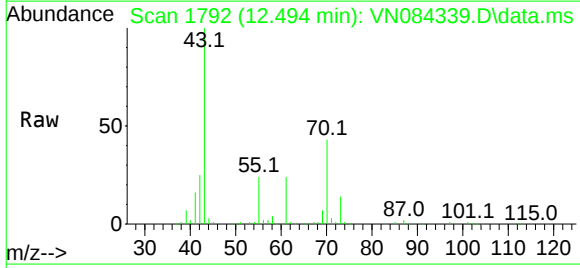
#47
n-amy1 Acetate
Concen: 51.073 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 43 Resp: 251442
Ion Ratio Lower Upper
43 100
55 25.4 20.6 31.0

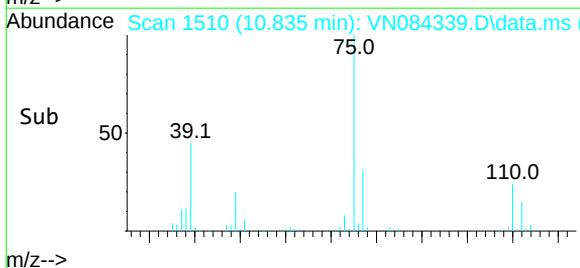
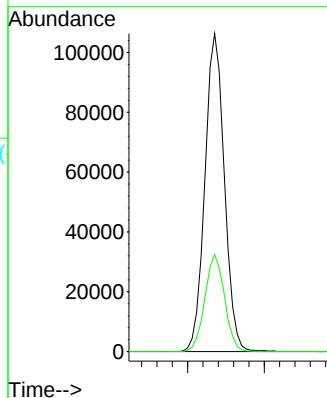
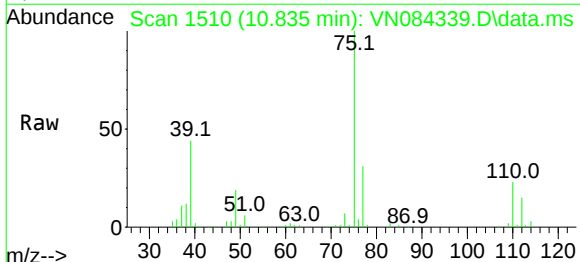
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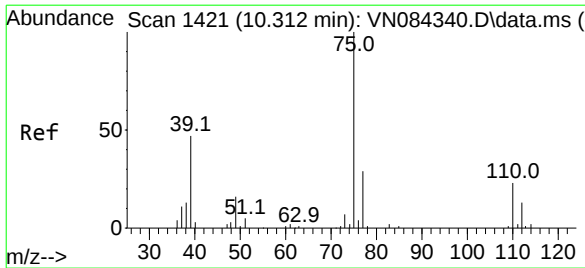
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#48
t-1,3-Dichloropropene
Concen: 49.721 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Tgt Ion: 75 Resp: 187402
Ion Ratio Lower Upper
75 100
77 30.5 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 49.908 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN084339.D

Acq: 08 Oct 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 197144

Ion Ratio Lower Upper

75 100

77 31.8 22.9 34.3

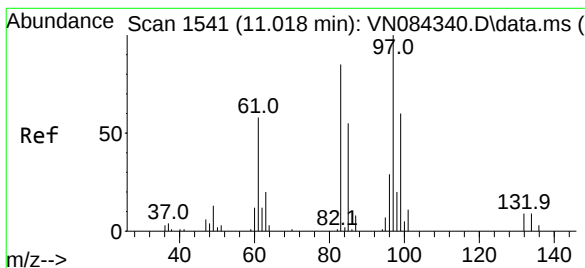
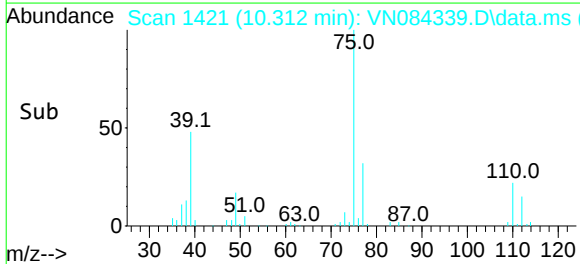
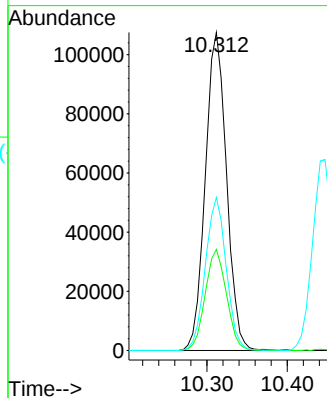
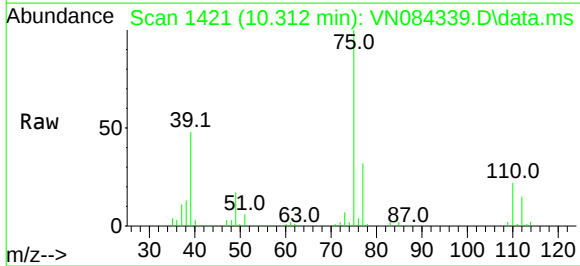
39 48.1 37.4 56.2

Manual Integrations

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Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#50

1,1,2-Trichloroethane

Concen: 49.500 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN084339.D

Acq: 08 Oct 2024 10:31

Tgt Ion: 97 Resp: 114315

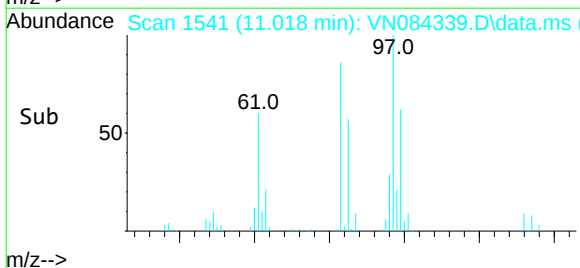
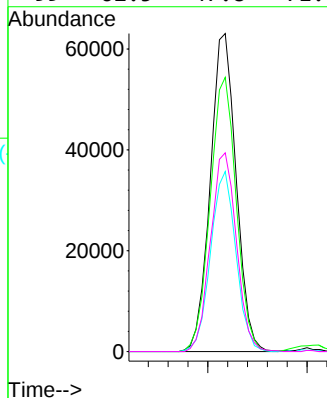
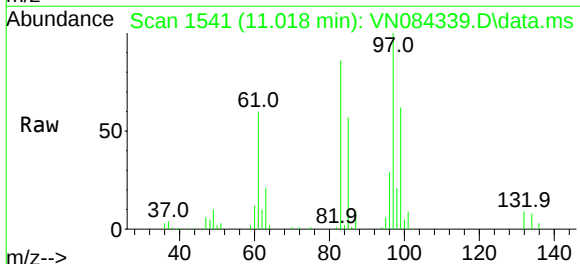
Ion Ratio Lower Upper

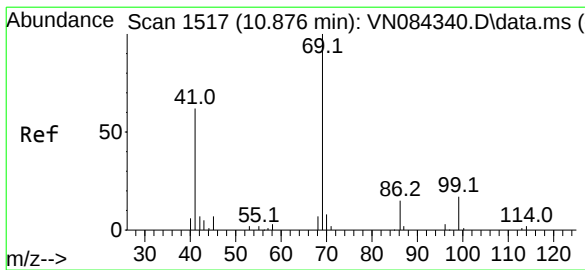
97 100

83 86.2 67.8 101.8

85 56.6 44.2 66.2

99 62.5 47.8 71.8





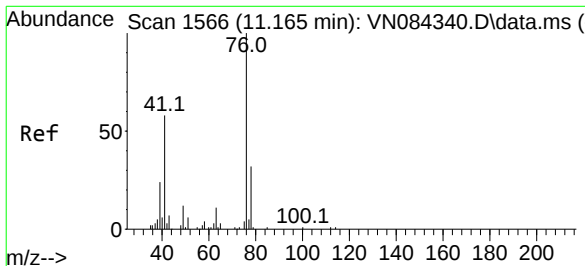
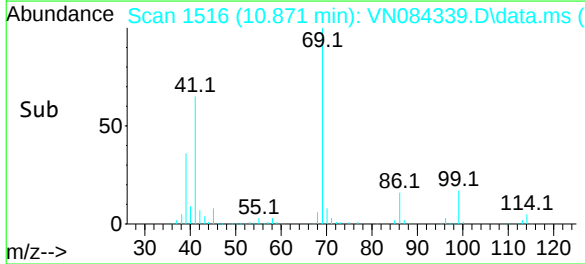
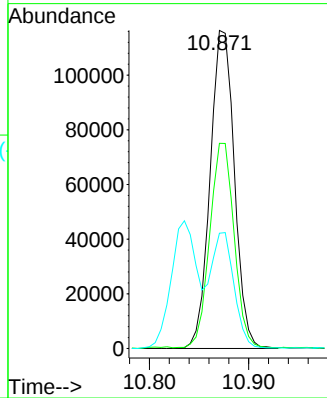
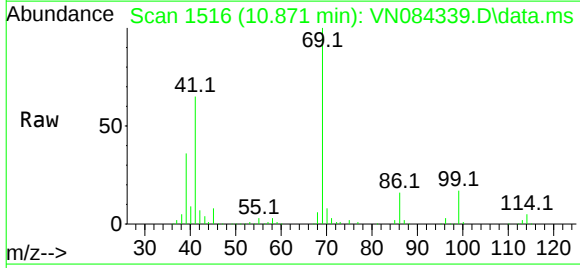
#51
Ethyl methacrylate
Concen: 51.907 ug/l
RT: 10.871 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 69 Resp: 198002
Ion Ratio Lower Upper
69 100
41 64.3 30.9 92.7
39 36.0 16.6 49.7

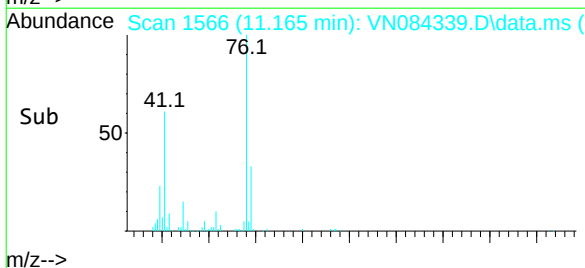
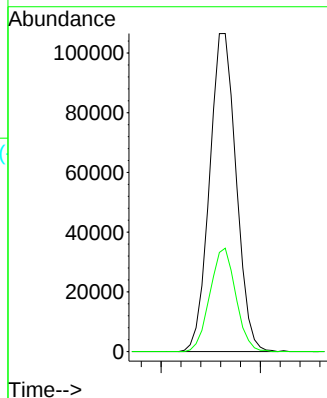
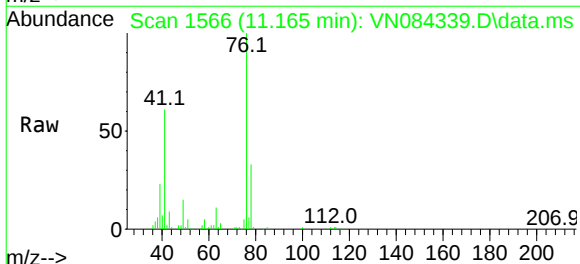
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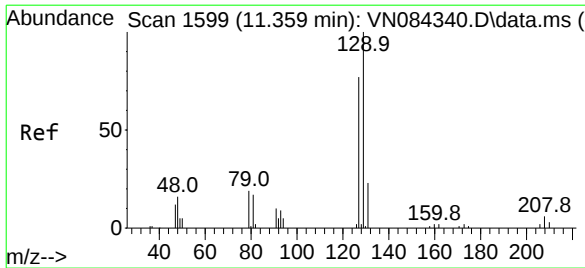
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#52
1,3-Dichloropropane
Concen: 49.119 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Tgt Ion: 76 Resp: 198343
Ion Ratio Lower Upper
76 100
78 31.6 0.0 64.2





#53

Dibromochloromethane

Concen: 49.816 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN084339.D

Acq: 08 Oct 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion:129 Resp: 135901

Ion Ratio Lower Upper

129 100

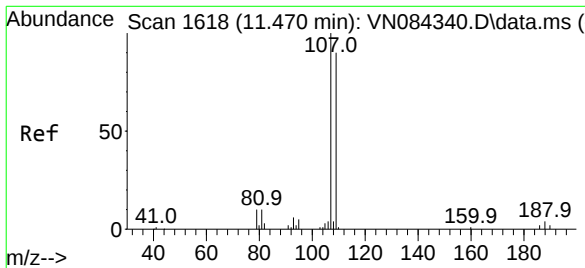
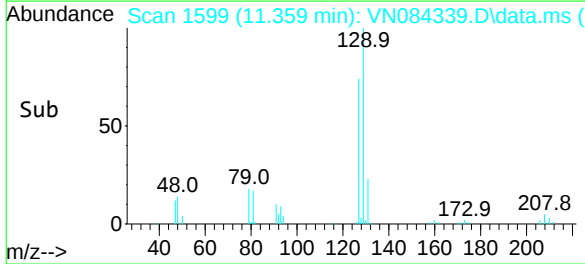
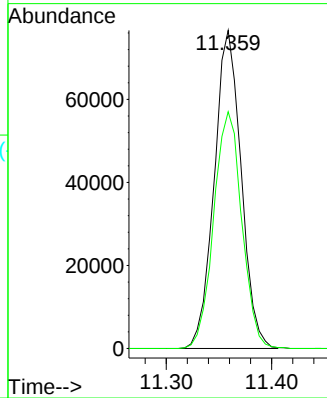
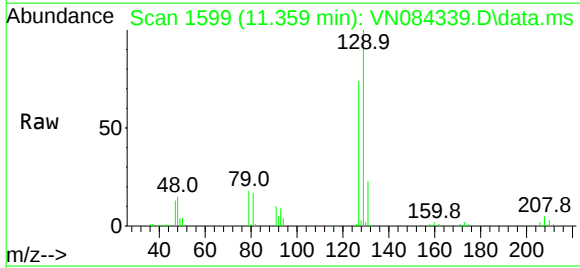
127 77.6 38.5 115.5

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Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#54

1,2-Dibromoethane

Concen: 49.693 ug/l

RT: 11.470 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VN084339.D

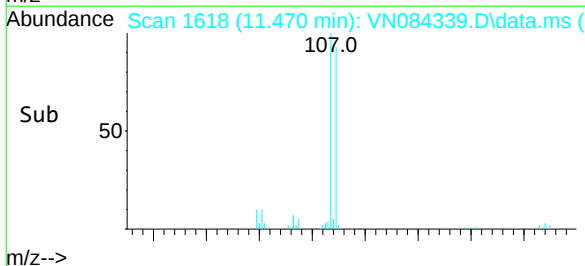
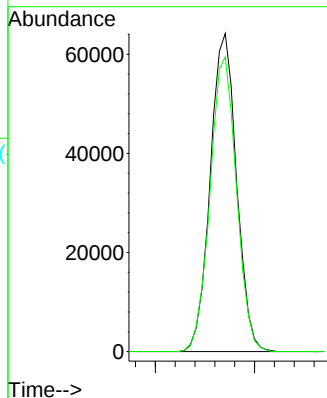
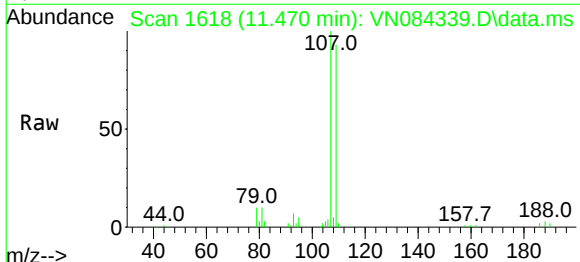
Acq: 08 Oct 2024 10:31

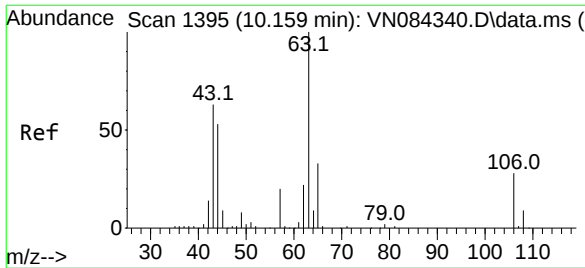
Tgt Ion:107 Resp: 118129

Ion Ratio Lower Upper

107 100

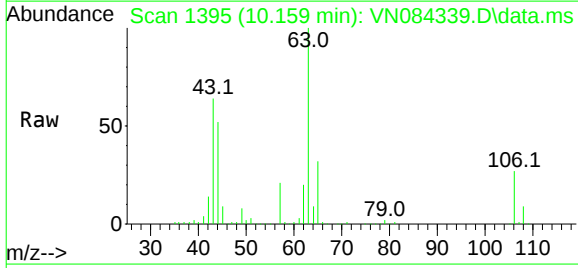
109 93.1 73.8 110.6





#55
2-Chloroethyl vinyl ether
Concen: 254.264 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

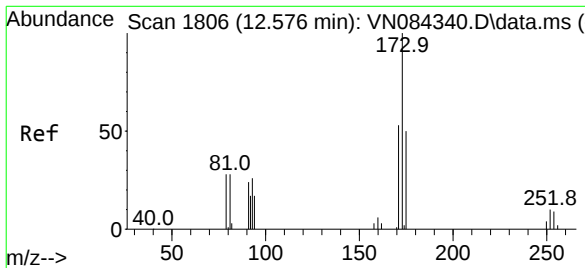
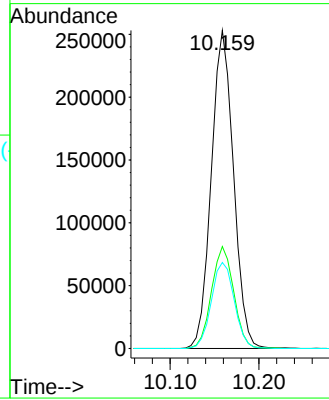
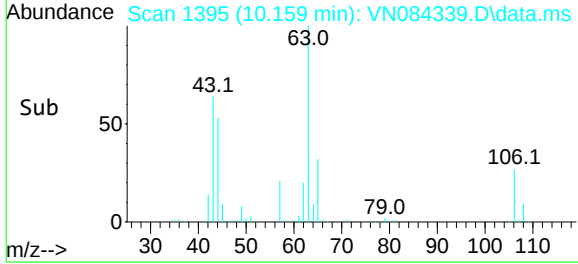
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



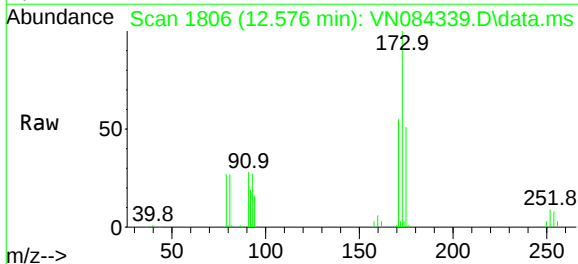
Tgt Ion: 63 Resp: 439901
Ion Ratio Lower Upper
63 100
65 32.1 25.6 38.4
106 27.9 21.6 32.4

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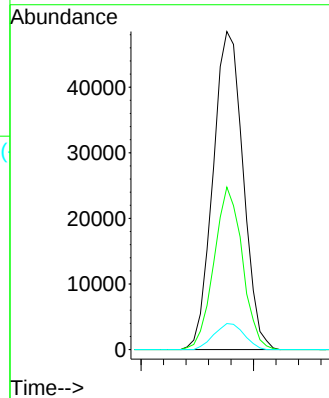
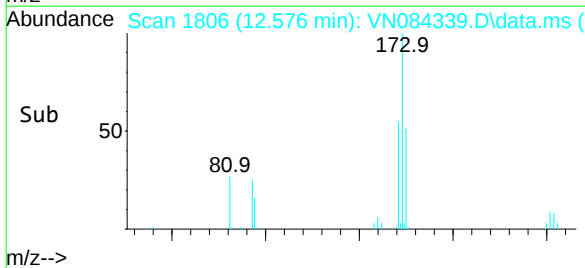
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

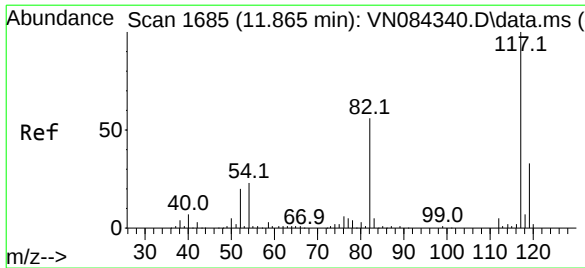


#56
Bromoform
Concen: 49.851 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31



Tgt Ion:173 Resp: 90199
Ion Ratio Lower Upper
173 100
175 48.2 39.4 59.2
254 8.2 6.8 10.2





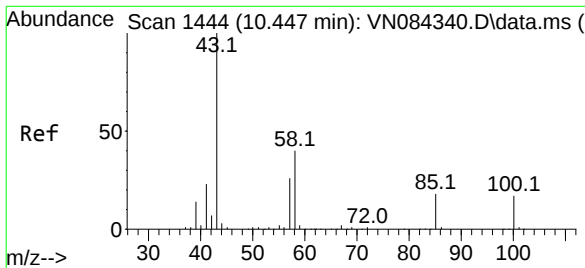
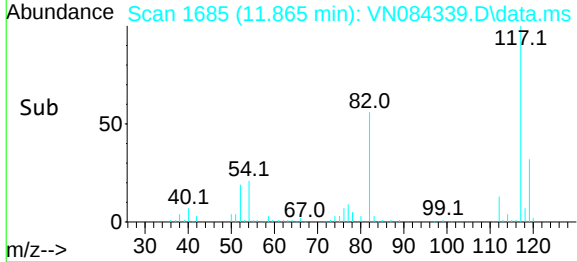
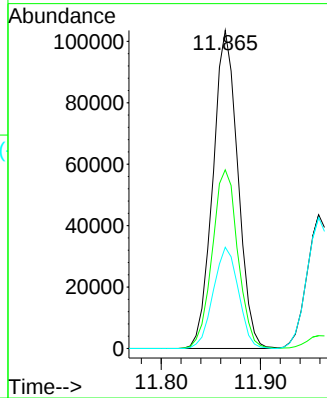
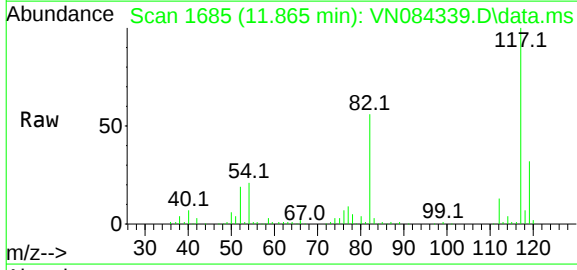
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 117	Resp: 180971
Ion Ratio	Lower Upper
117 100	
82 57.5	46.2 69.4
119 32.1	25.4 38.2

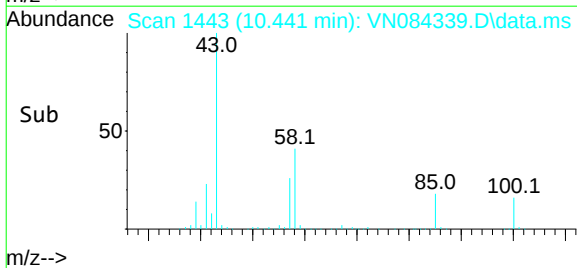
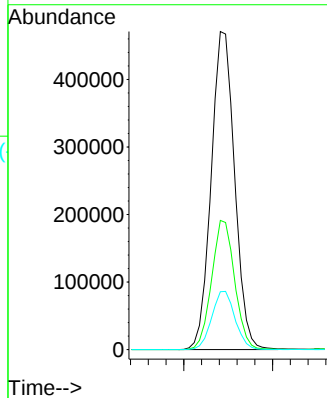
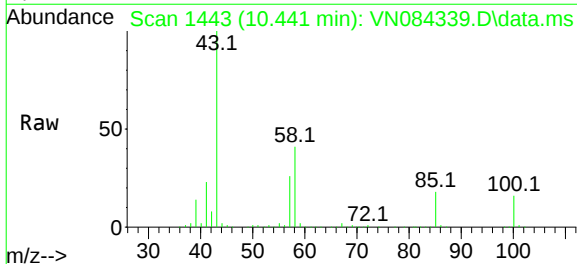
Manual Integrations
APPROVED

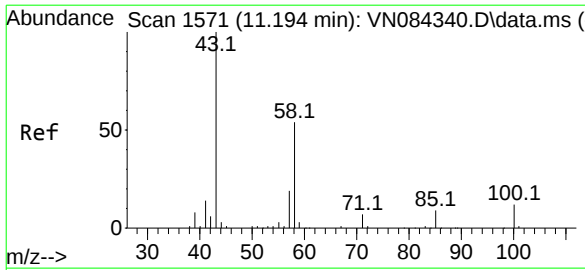
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#58
4-Methyl-2-Pentanone
Concen: 256.442 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Tgt Ion: 43	Resp: 864518
Ion Ratio	Lower Upper
43 100	
58 39.9	31.9 47.9
85 18.2	14.6 22.0





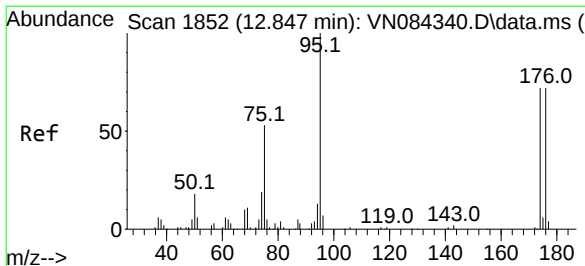
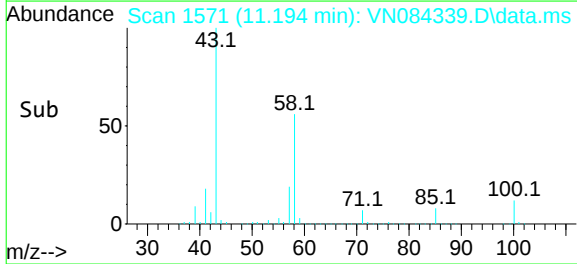
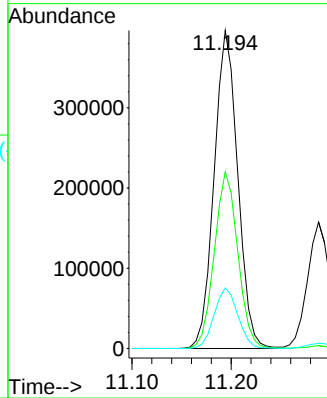
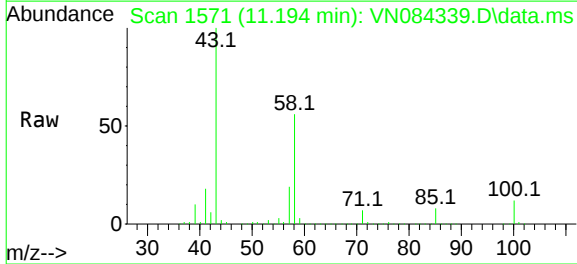
#59
2-Hexanone
Concen: 261.350 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 43 Resp: 654698
Ion Ratio Lower Upper
43 100
58 55.3 44.0 66.0
57 19.1 15.4 23.2

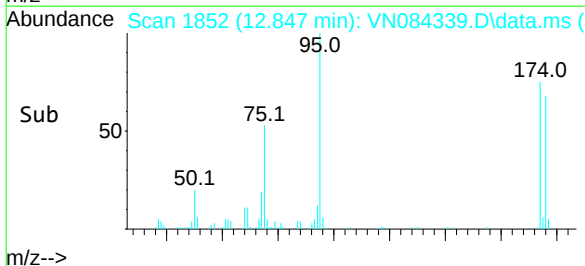
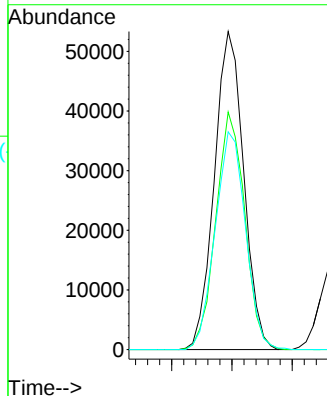
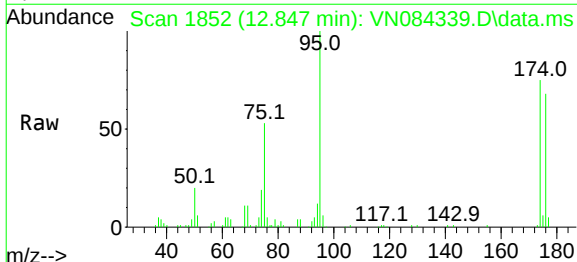
Manual Integrations
APPROVED

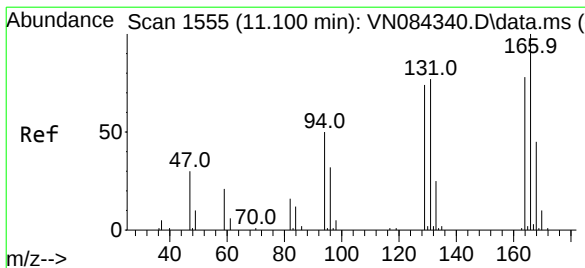
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#60
4-Bromofluorobenzene
Concen: 30.202 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

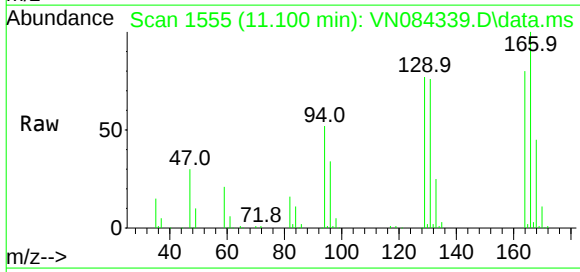
Tgt Ion: 95 Resp: 90206
Ion Ratio Lower Upper
95 100
174 73.7 58.2 87.2
176 70.7 56.4 84.6





#61
Tetrachloroethene
Concen: 48.875 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

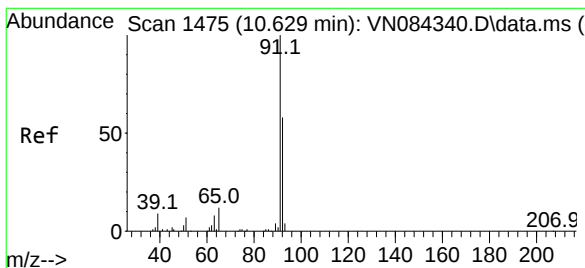
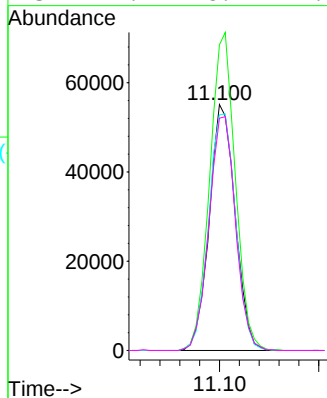
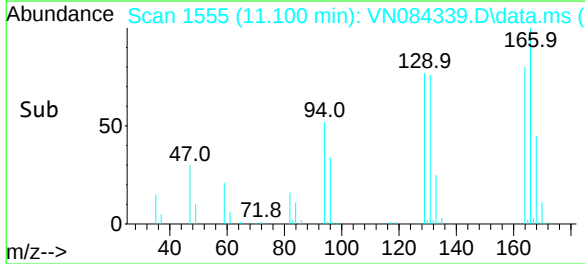
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 164 Resp: 100050
Ion Ratio Lower Upper
164 100
166 124.3 102.5 153.7
129 95.8 75.7 113.5
131 94.4 78.2 117.4

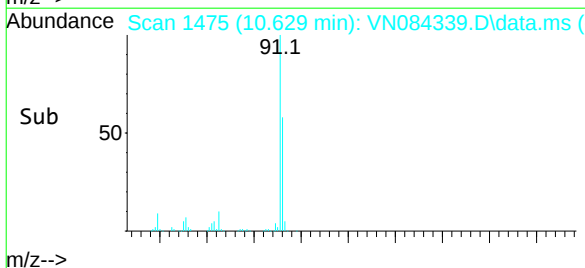
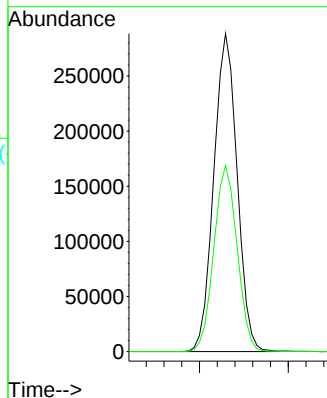
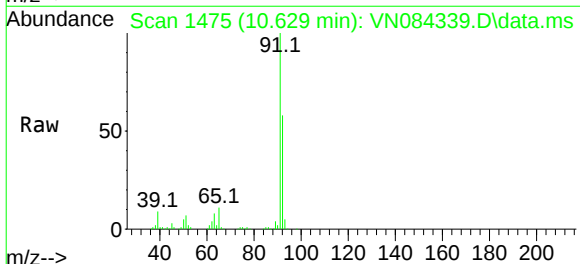
Manual Integrations
APPROVED

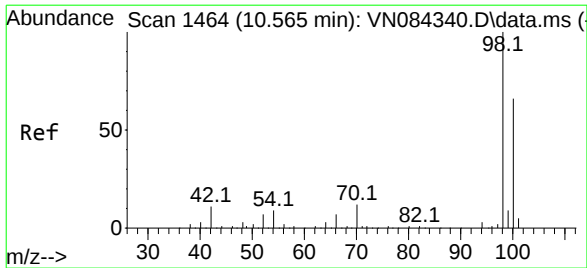
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#62
Toluene
Concen: 49.707 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Tgt Ion: 91 Resp: 526619
Ion Ratio Lower Upper
91 100
92 58.3 47.2 70.8





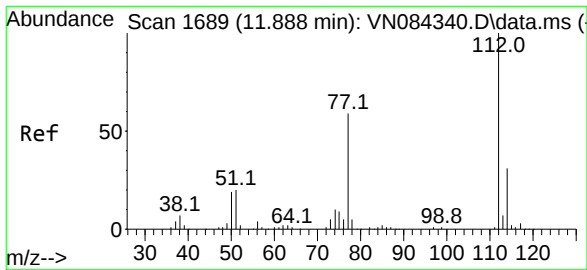
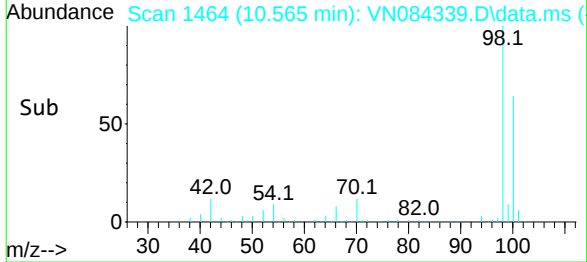
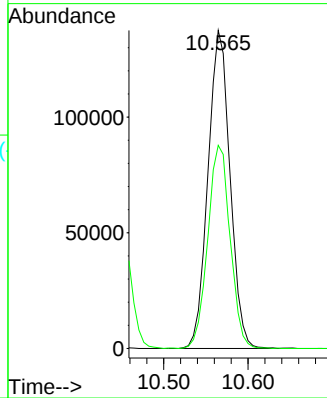
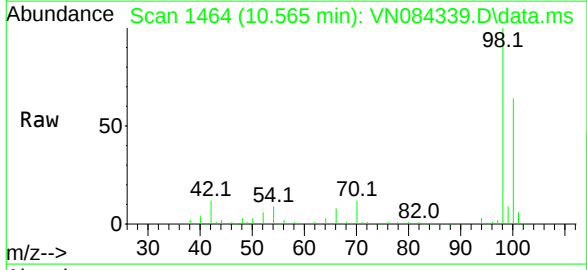
#63
Toluene-d8
Concen: 29.750 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 98 Resp: 249414
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7

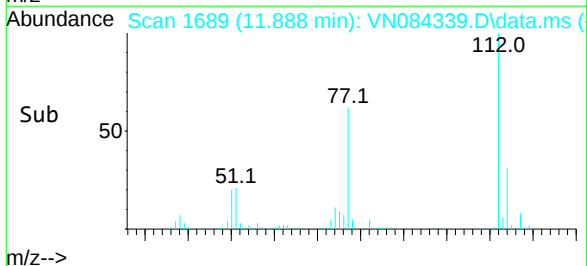
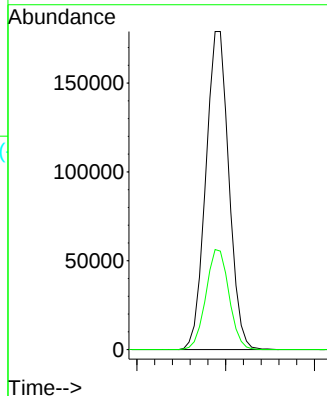
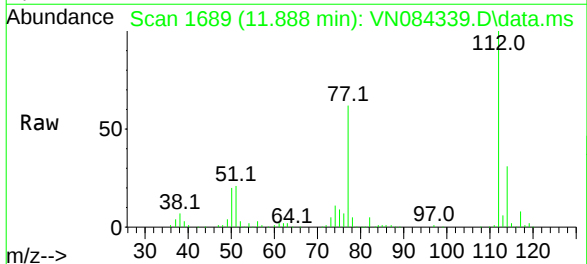
Manual Integrations
APPROVED

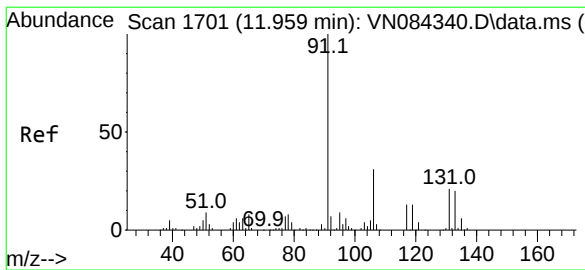
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#64
Chlorobenzene
Concen: 49.023 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

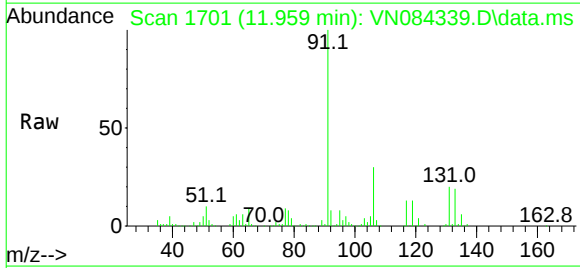
Tgt Ion:112 Resp: 323202
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7





#65
1,1,1,2-Tetrachloroethane
Concen: 50.043 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

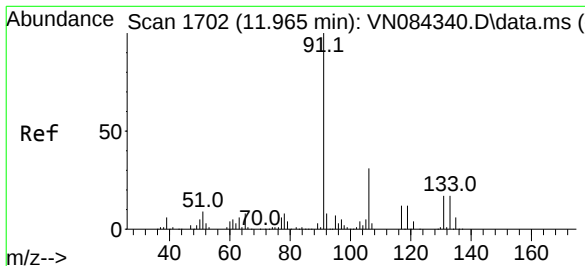
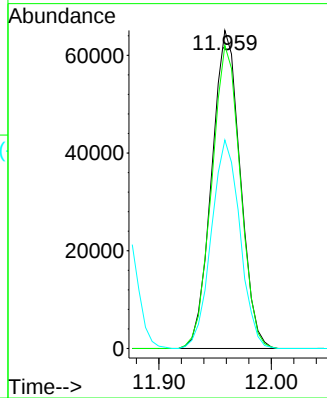
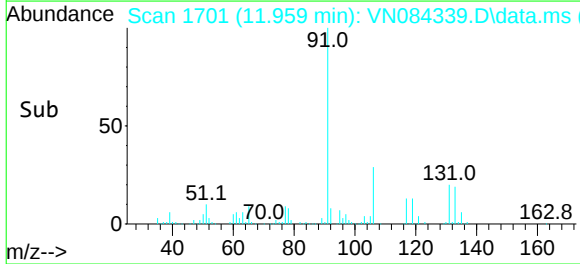
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:131 Resp: 114617
Ion Ratio Lower Upper
131 100
133 95.7 0.0 190.4
119 65.8 0.0 130.0

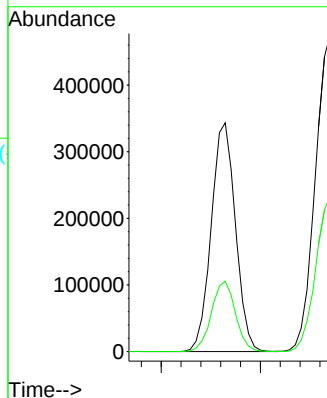
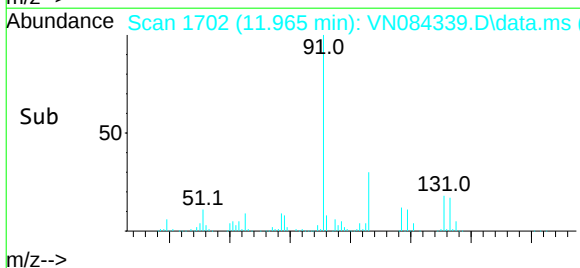
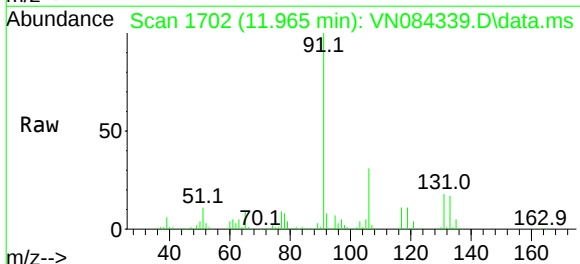
Manual Integrations
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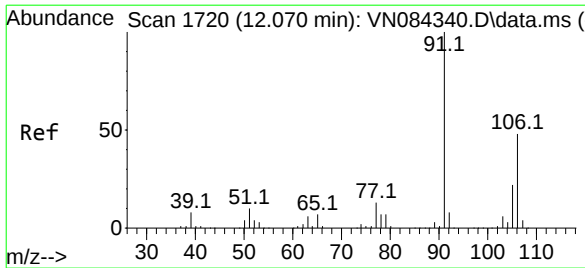
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#66
Ethyl Benzene
Concen: 50.583 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Tgt Ion: 91 Resp: 582229
Ion Ratio Lower Upper
91 100
106 30.7 25.2 37.8





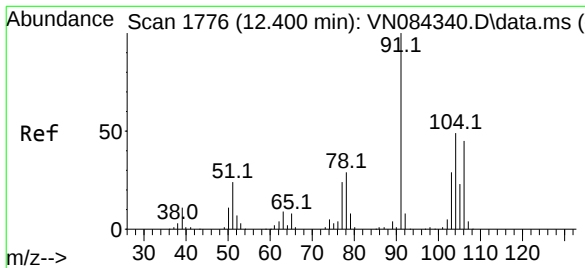
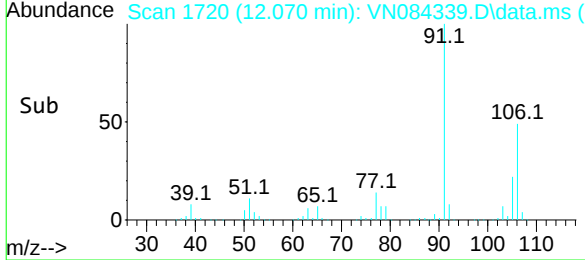
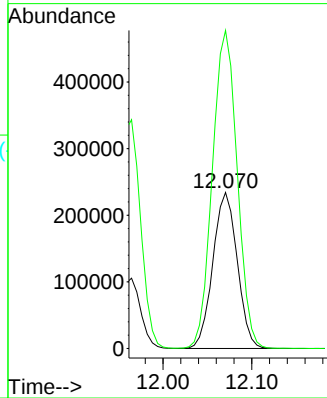
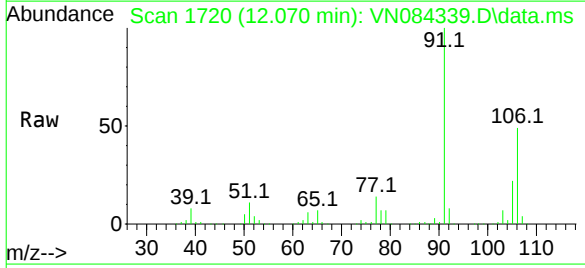
#67
m/p-Xylenes
Concen: 102.264 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:106 Resp: 446529
Ion Ratio Lower Upper
106 100
91 207.3 166.7 250.1

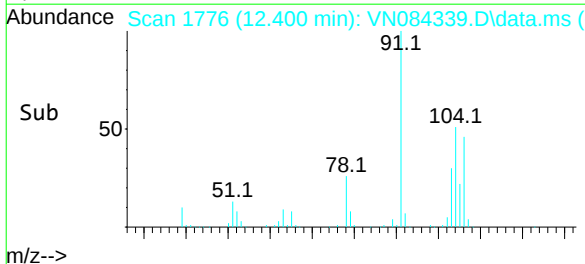
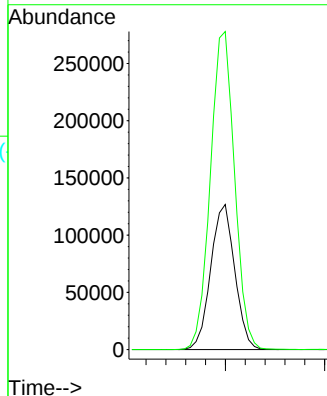
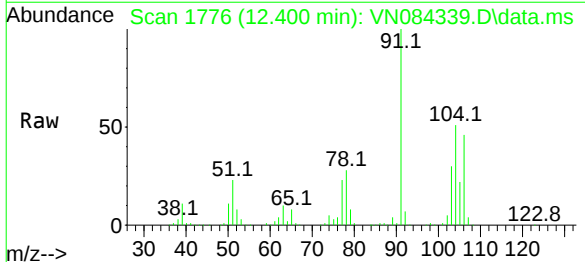
Manual Integrations
APPROVED

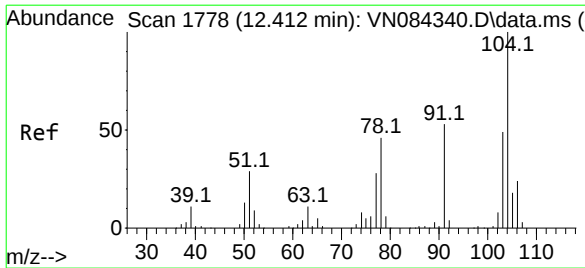
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#68
o-Xylene
Concen: 50.765 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Tgt Ion:106 Resp: 213661
Ion Ratio Lower Upper
106 100
91 220.8 110.9 332.9





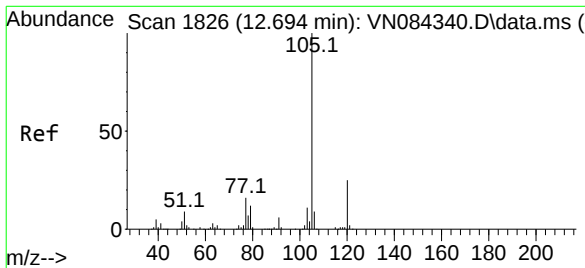
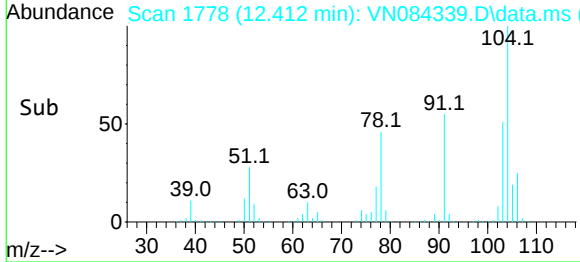
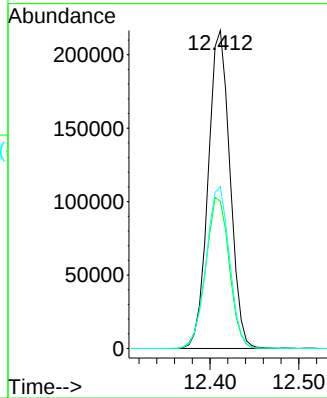
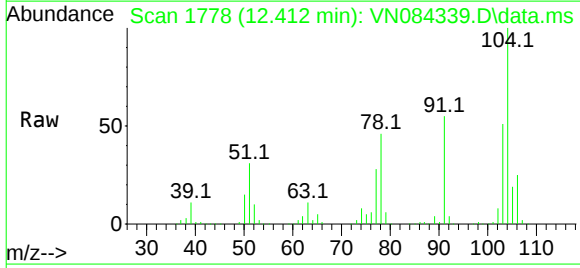
#69
Styrene
Concen: 51.169 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:104 Resp: 369695
Ion Ratio Lower Upper
104 100
78 51.4 41.6 62.4
103 54.2 44.4 66.6

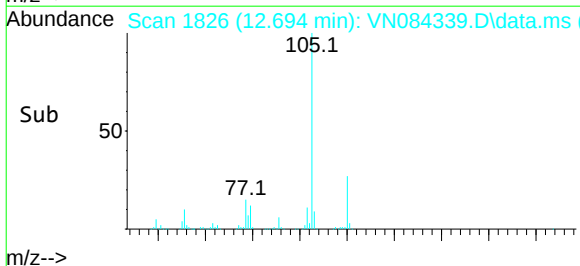
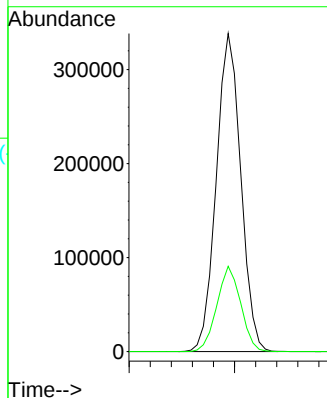
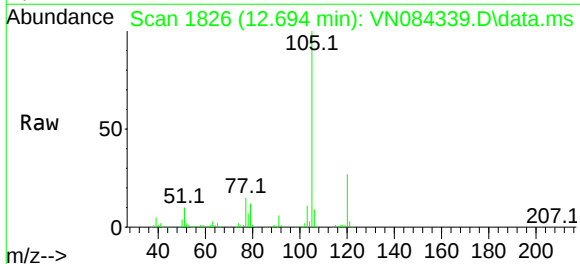
Manual Integrations
APPROVED

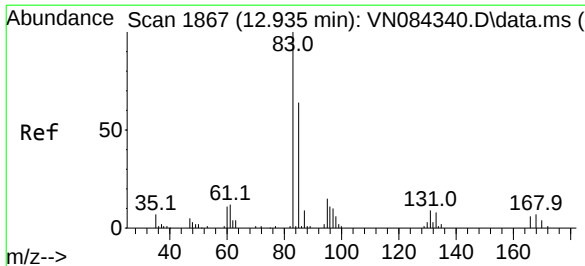
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#70
Isopropylbenzene
Concen: 50.894 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

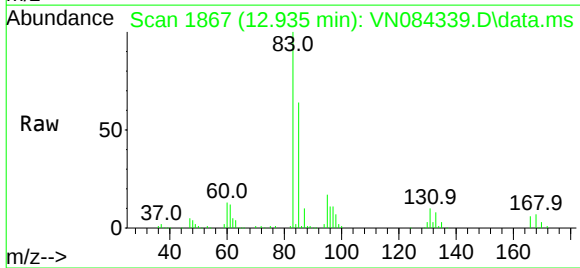
Tgt Ion:105 Resp: 546834
Ion Ratio Lower Upper
105 100
120 26.0 17.4 32.4





#71
1,1,2,2-Tetrachloroethane
Concen: 50.500 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

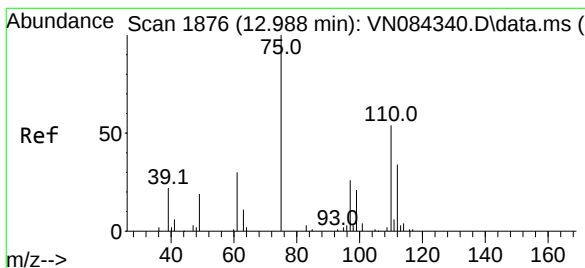
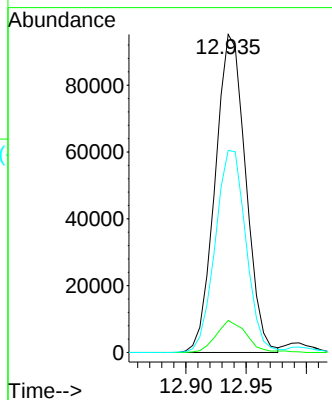
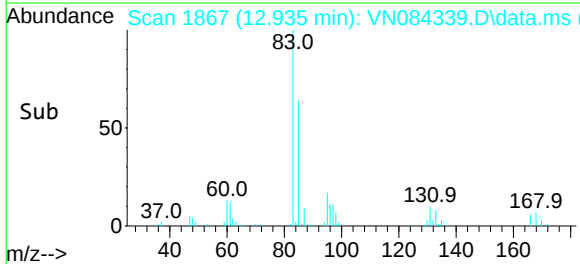
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 83 Resp: 167855
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 64.0 32.0 96.2

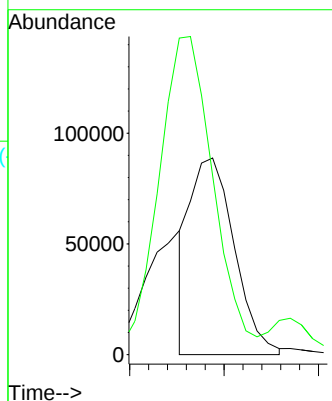
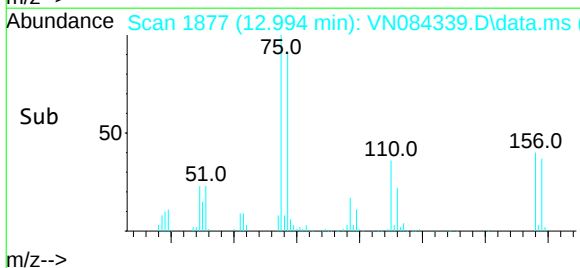
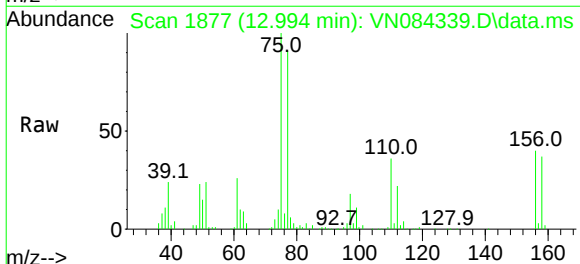
Manual Integrations
APPROVED

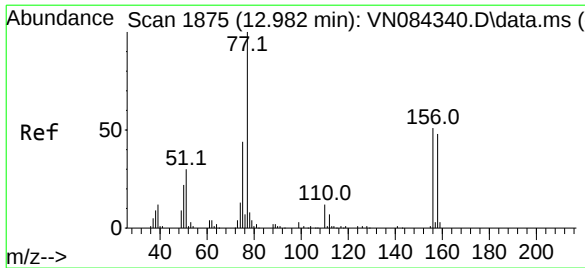
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#72
1,2,3-Trichloropropane
Concen: 50.872 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Tgt Ion: 75 Resp: 144614
Ion Ratio Lower Upper
75 100
77 200.7 0.0 414.0





#73

Bromobenzene

Concen: 50.447 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN084339.D

Acq: 08 Oct 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion:156 Resp: 131272

Ion Ratio Lower Upper

156 100

77 221.1 0.0 451.0

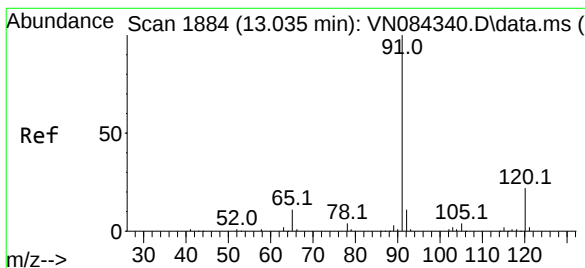
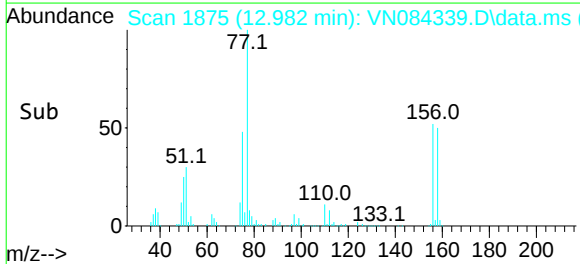
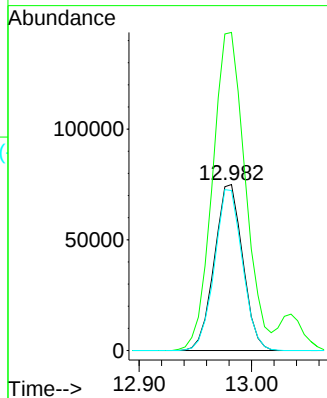
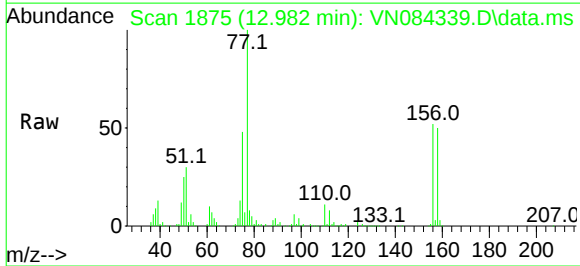
158 95.7 0.0 194.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#74

n-propylbenzene

Concen: 50.836 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN084339.D

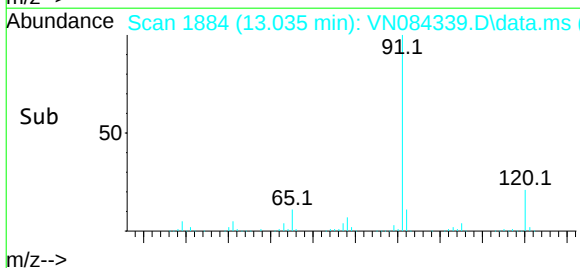
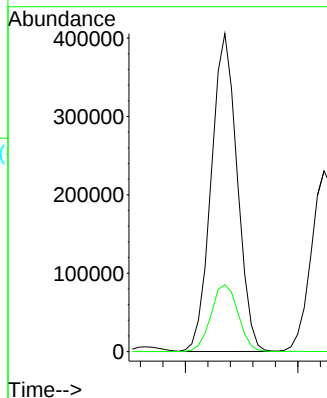
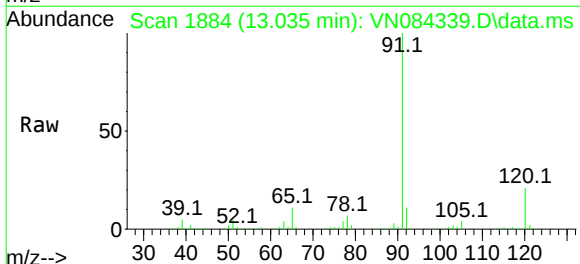
Acq: 08 Oct 2024 10:31

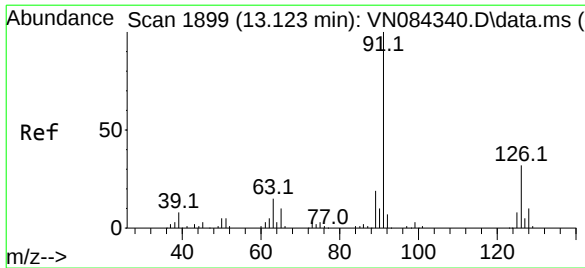
Tgt Ion: 91 Resp: 650890

Ion Ratio Lower Upper

91 100

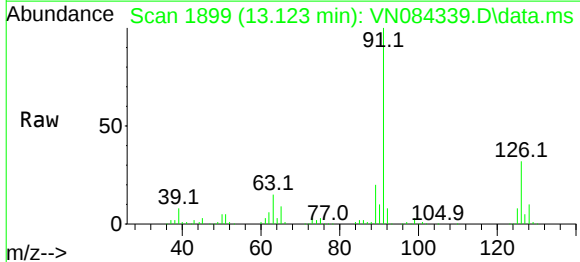
120 22.0 0.0 43.2





#75
2-Chlorotoluene
Concen: 49.834 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

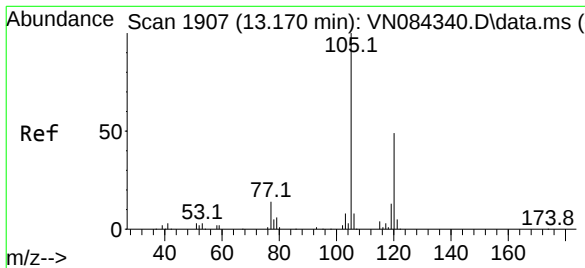
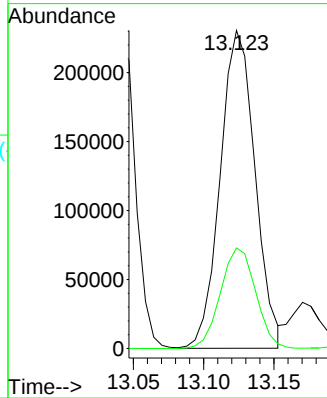
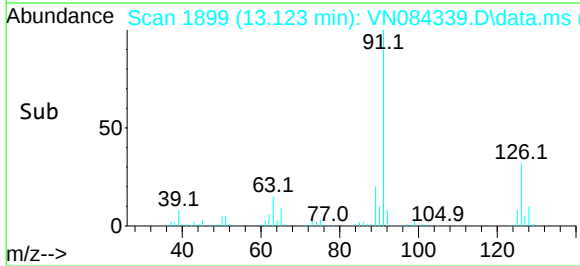
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



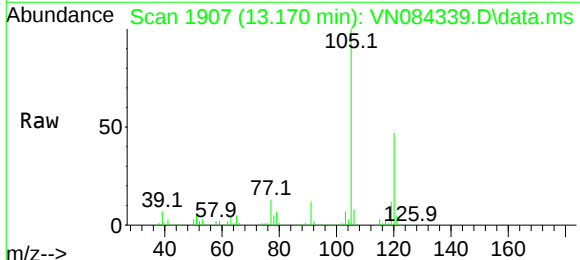
Tgt Ion: 91 Resp: 396493
Ion Ratio Lower Upper
91 100
126 32.0 0.0 64.0

Manual Integrations
APPROVED

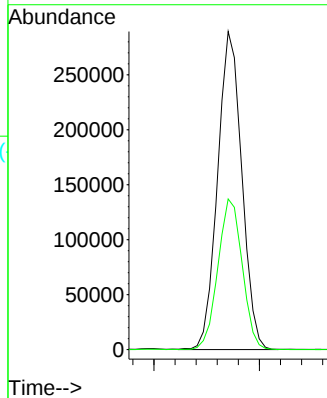
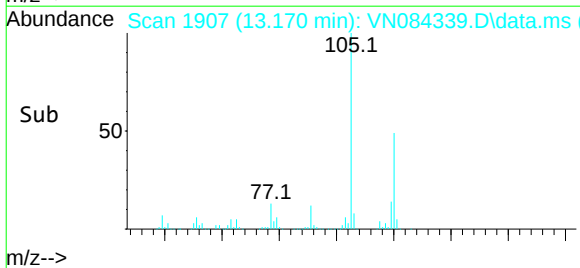
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

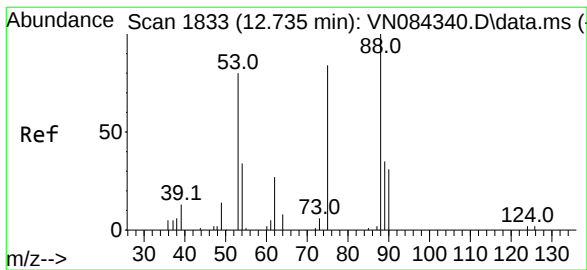


#76
1,3,5-Trimethylbenzene
Concen: 51.064 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31



Tgt Ion:105 Resp: 461964
Ion Ratio Lower Upper
105 100
120 47.5 0.0 94.4





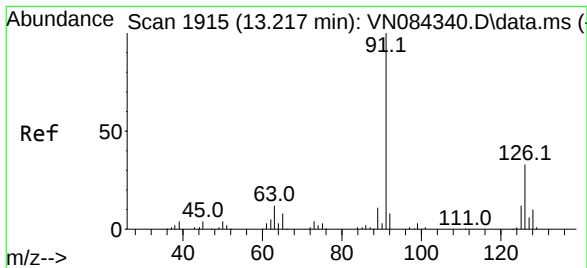
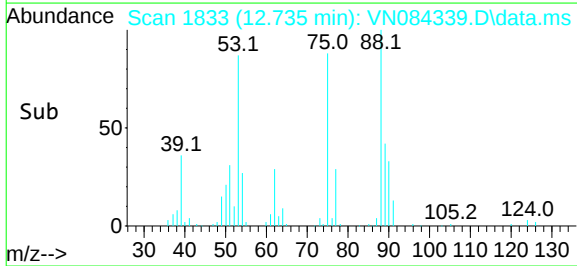
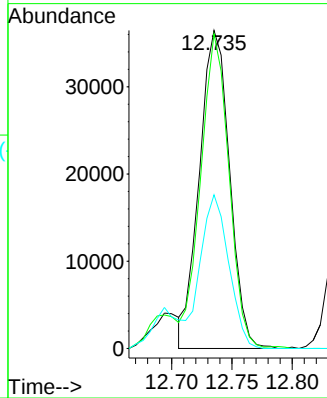
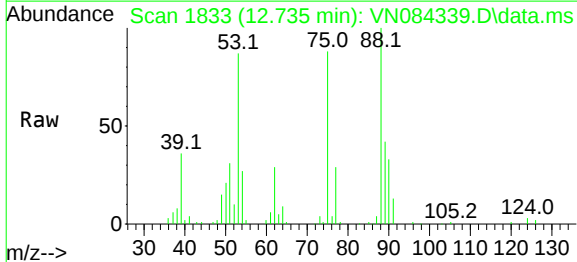
#77
t-1,4-Dichloro-2-butene
Concen: 52.330 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.3	47.3	142.0
89	48.3	22.9	68.8

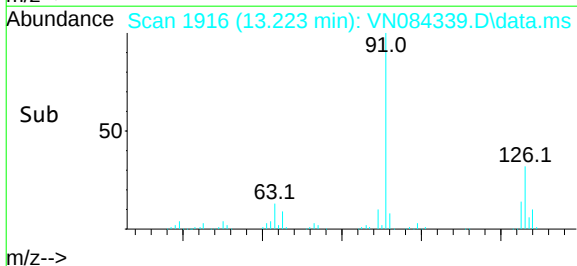
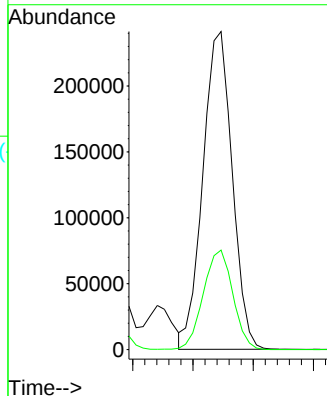
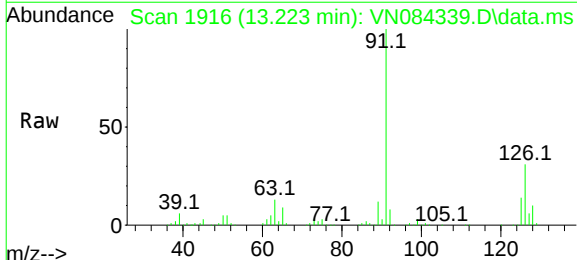
Manual Integrations
APPROVED

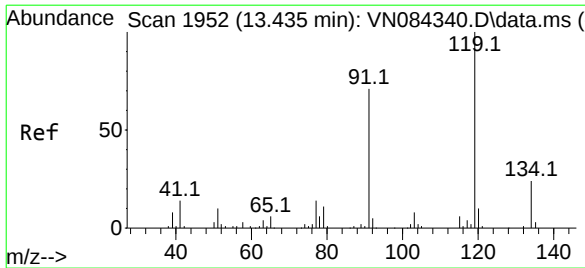
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#78
4-Chlorotoluene
Concen: 50.410 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	0.0	62.4





#79
tert-butylbenzene
Concen: 51.169 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Instrument :

MSVOA_N

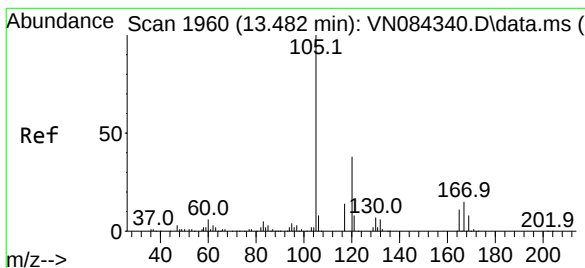
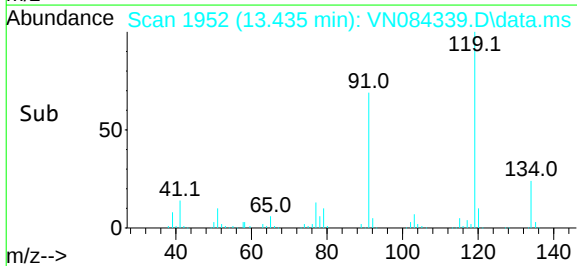
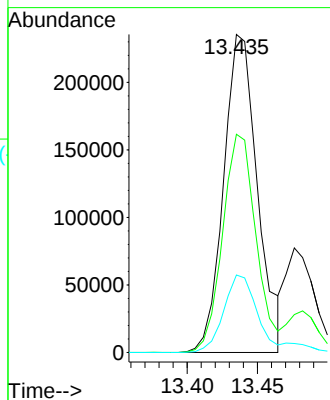
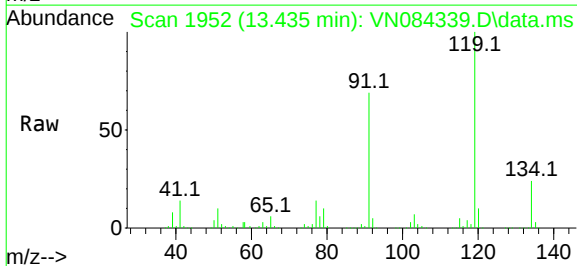
ClientSampleId :

VSTDICC050

Tgt Ion:119 Resp: 394929
Ion Ratio Lower Upper
119 100
91 67.6 0.0 138.0
134 23.6 0.0 48.8

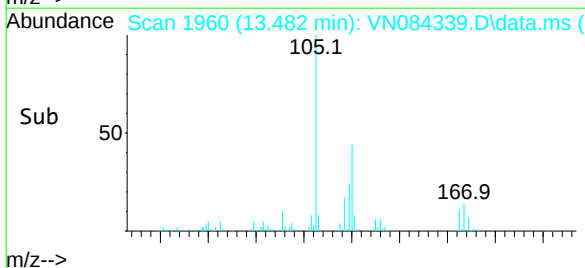
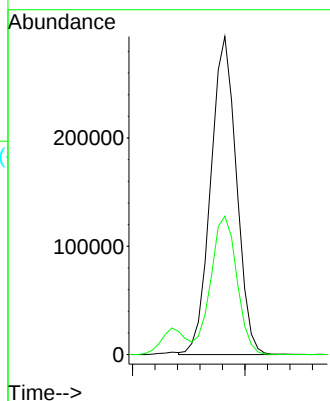
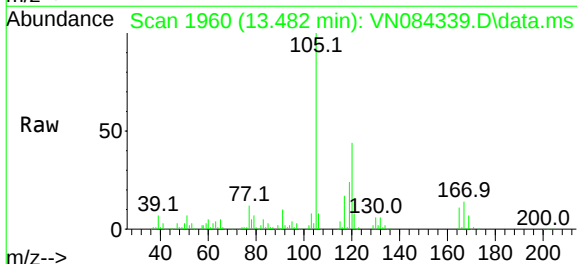
Manual Integrations
APPROVED

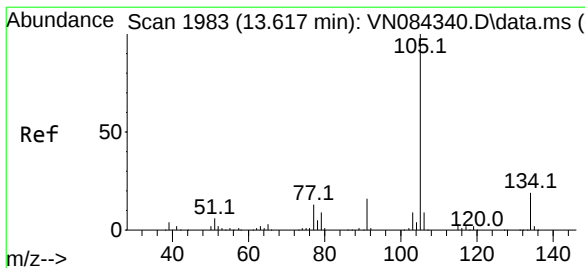
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#80
1,2,4-Trimethylbenzene
Concen: 50.939 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Tgt Ion:105 Resp: 467589
Ion Ratio Lower Upper
105 100
120 44.1 0.0 88.8





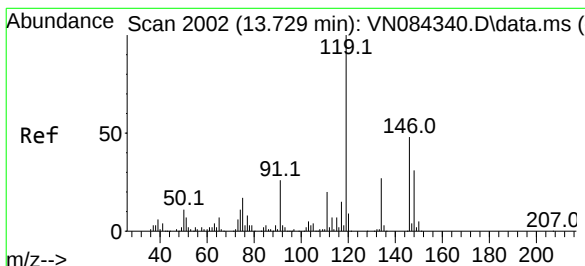
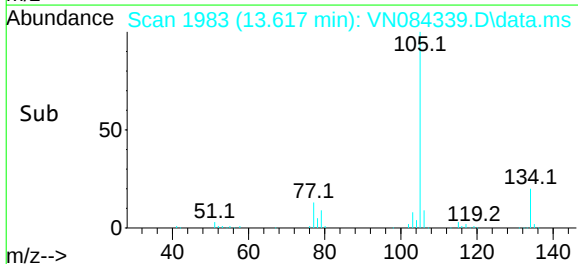
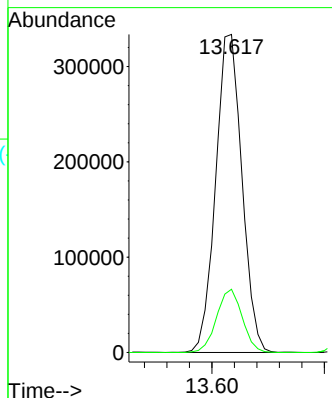
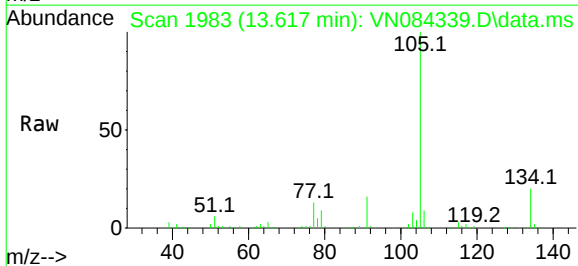
#81
 sec-Butylbenzene
 Concen: 50.934 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN084339.D
 Acq: 08 Oct 2024 10:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Tgt Ion:105 Resp: 541224
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.0

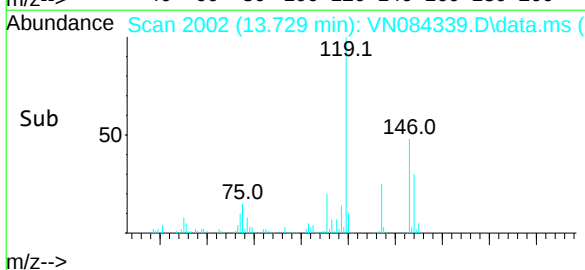
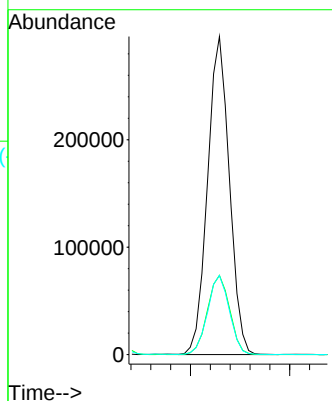
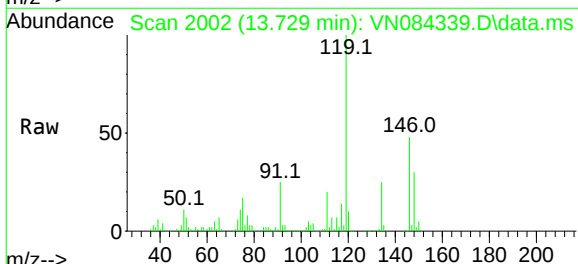
Manual Integrations
 APPROVED

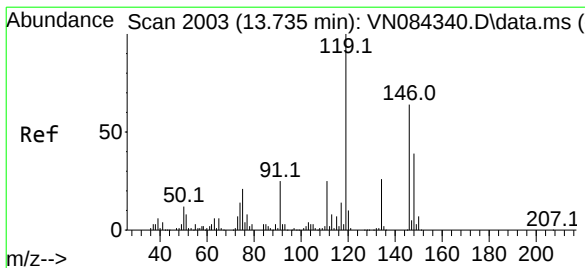
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024



#82
 p-Isopropyltoluene
 Concen: 50.537 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084339.D
 Acq: 08 Oct 2024 10:31

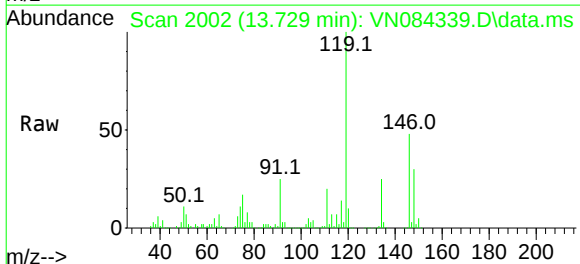
Tgt Ion:119 Resp: 451993
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 50.2
 91 24.9 0.0 50.6





#83
1,3-Dichlorobenzene
Concen: 50.374 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

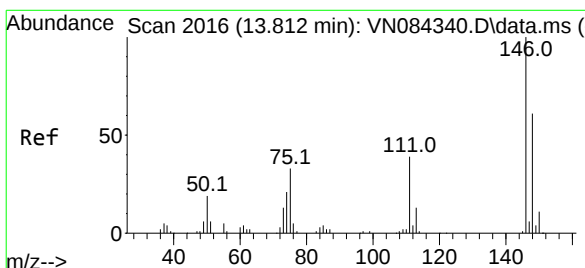
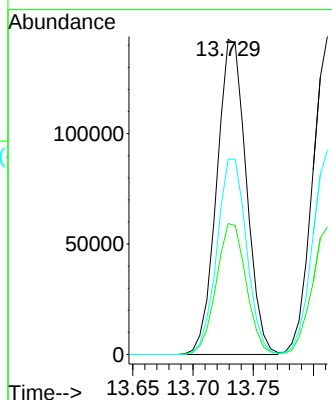
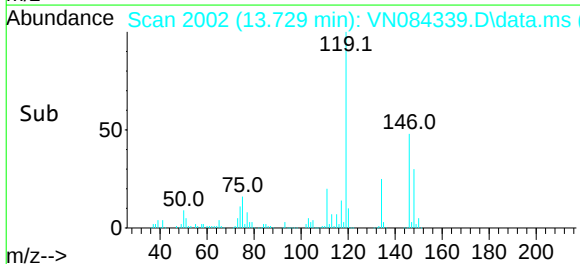
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:146 Resp: 243731
Ion Ratio Lower Upper
146 100
111 41.9 20.6 61.9
148 62.2 31.6 94.7

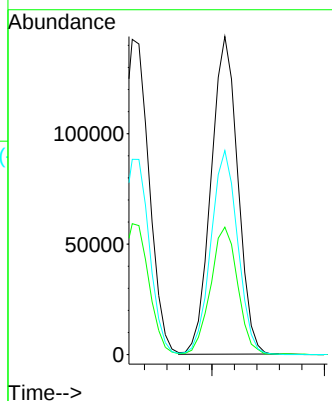
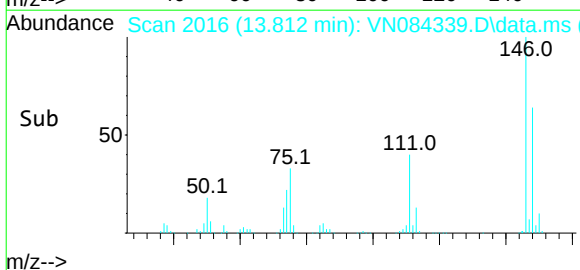
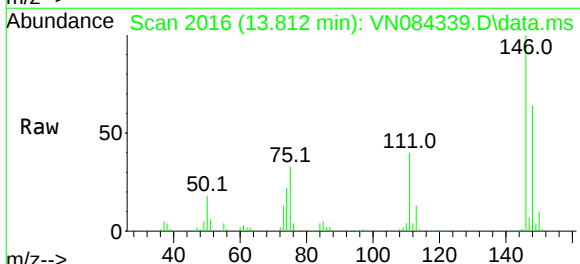
Manual Integrations
APPROVED

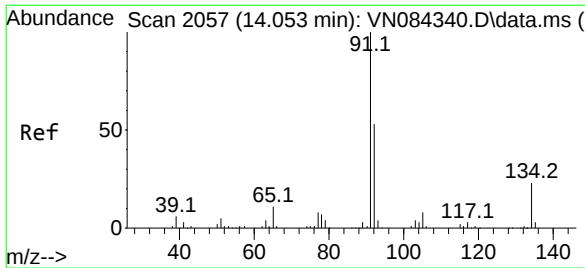
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#84
1,4-Dichlorobenzene
Concen: 49.452 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Tgt Ion:146 Resp: 237600
Ion Ratio Lower Upper
146 100
111 40.5 20.5 61.5
148 64.4 32.5 97.4





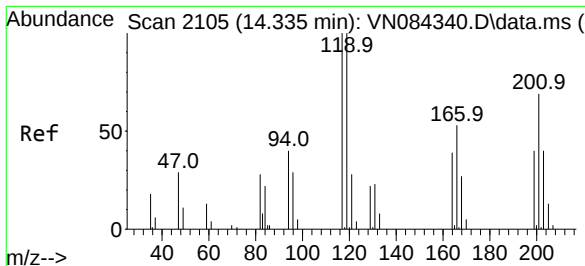
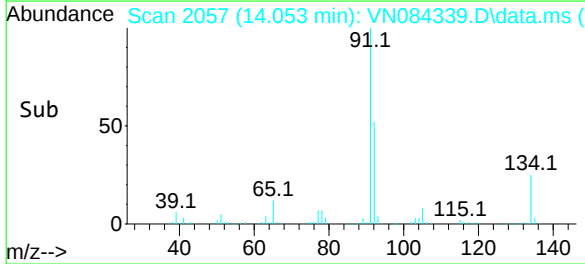
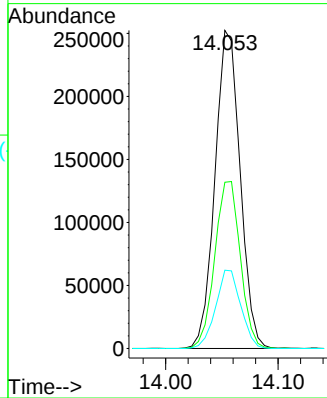
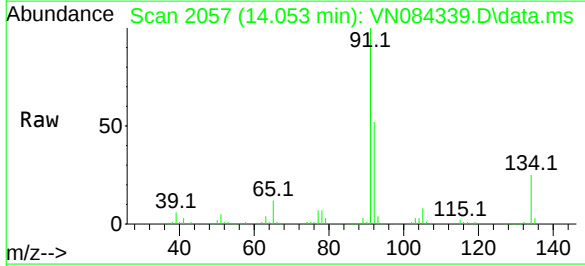
#85
n-Butylbenzene
Concen: 50.679 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 392578
Ion Ratio Lower Upper
91 100
92 53.3 0.0 103.4
134 24.5 0.0 48.0

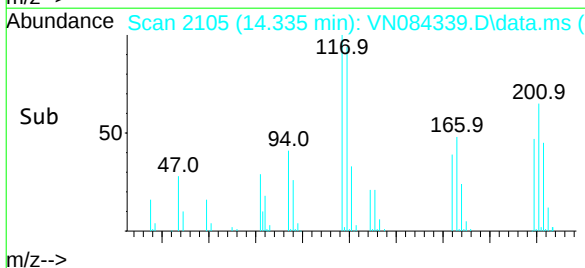
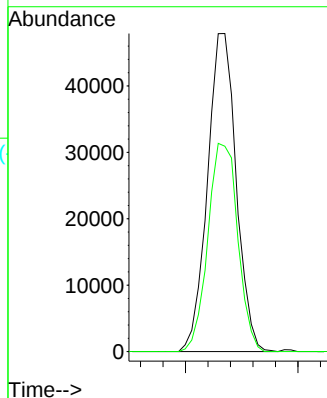
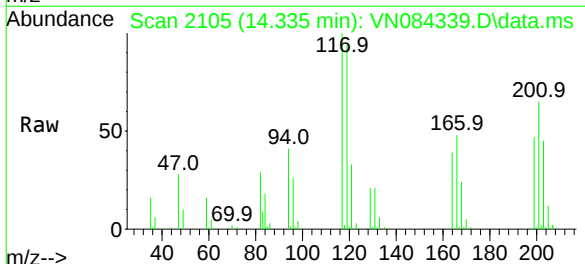
Manual Integrations
APPROVED

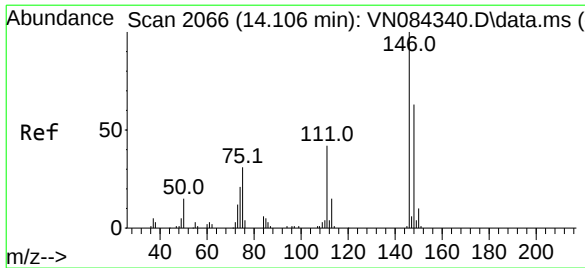
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#86
Hexachloroethane
Concen: 49.410 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Tgt Ion:117 Resp: 85140
Ion Ratio Lower Upper
117 100
201 67.8 33.9 101.6





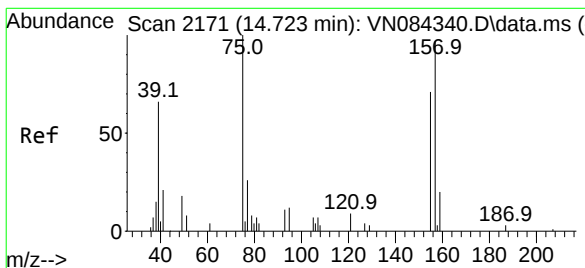
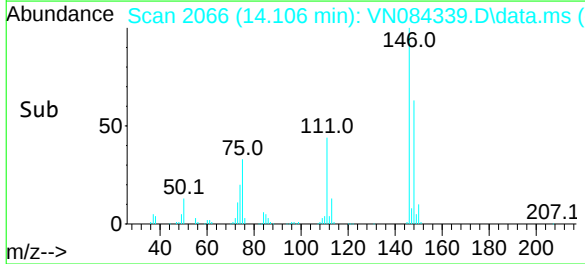
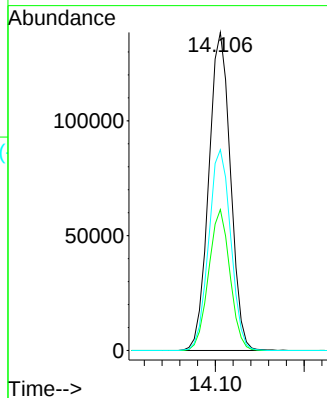
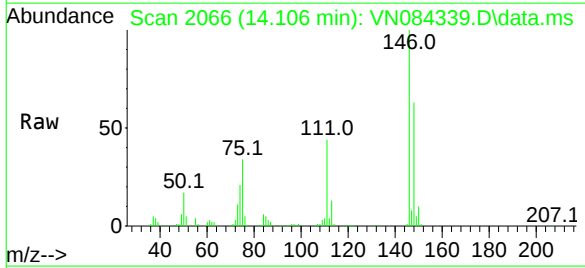
#87
1,2-Dichlorobenzene
Concen: 50.280 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.9	65.5
148	64.2	31.1	93.5

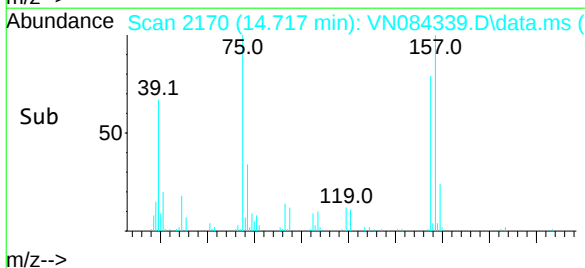
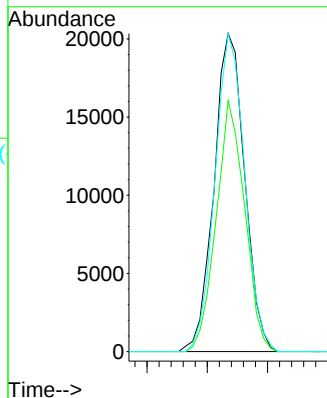
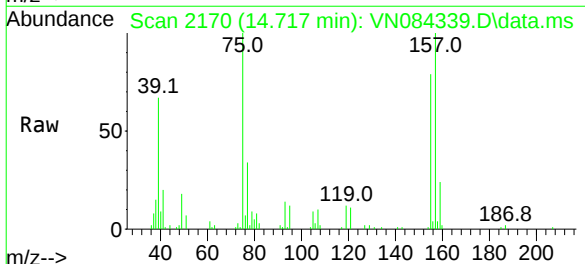
Manual Integrations
APPROVED

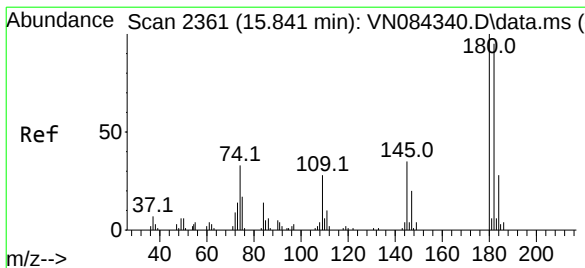
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 52.891 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.4	61.8	92.8
157	96.7	77.4	116.0





#89

1,2,4-Trichlorobenzene

Concen: 50.816 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN084339.D

Acq: 08 Oct 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

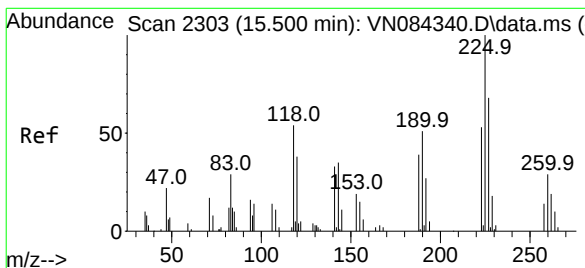
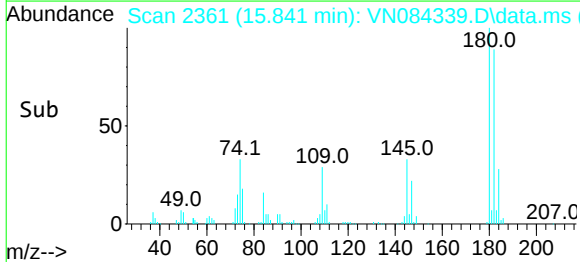
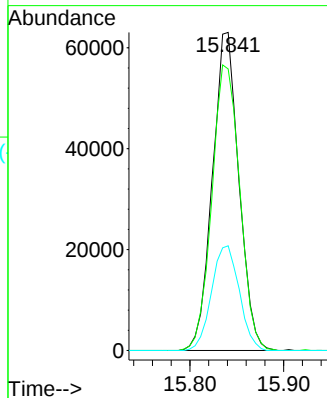
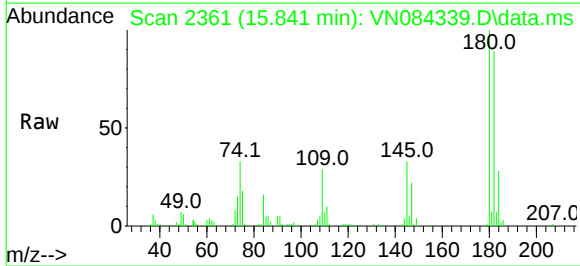
Tgt Ion:	180	Resp:	123597
Ion Ratio	Lower	Upper	
180	100		
182	94.6	77.8	116.6
145	34.5	28.9	43.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#90

Hexachlorobutadiene

Concen: 47.905 ug/l

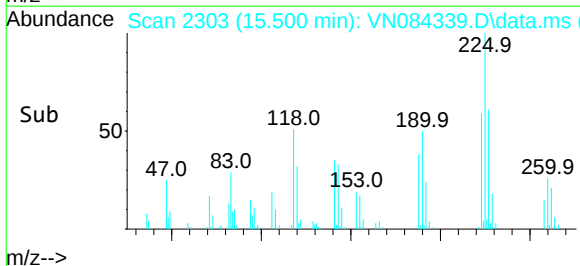
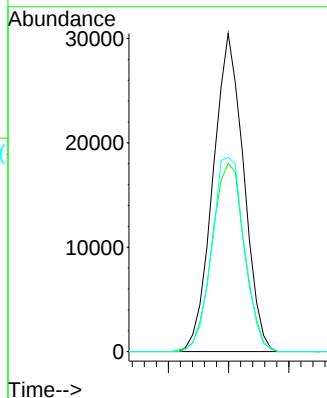
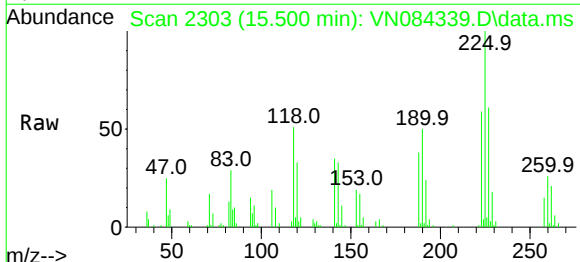
RT: 15.500 min Scan# 2303

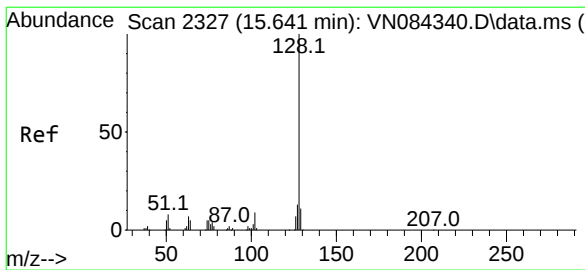
Delta R.T. -0.000 min

Lab File: VN084339.D

Acq: 08 Oct 2024 10:31

Tgt Ion:	225	Resp:	53904
Ion Ratio	Lower	Upper	
225	100		
223	62.8	0.0	124.0
227	64.4	0.0	130.8





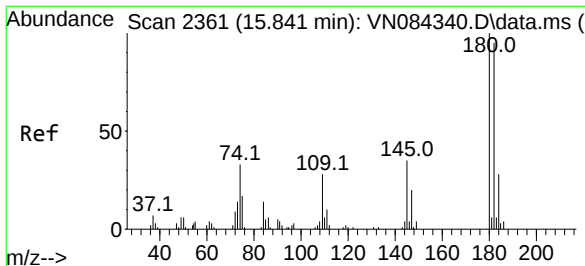
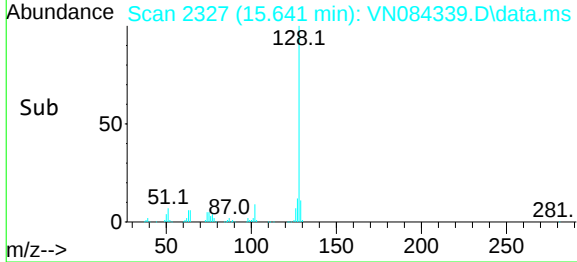
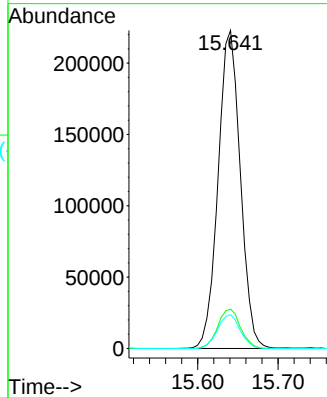
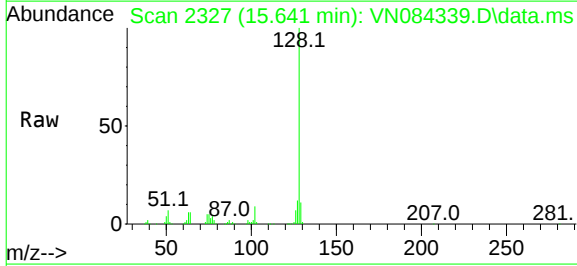
#91
Naphthalene
Concen: 51.960 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.8	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: 50.816 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN084339.D
Acq: 08 Oct 2024 10:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	0.0	194.4
145	34.5	0.0	72.2

