

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084355.D
 Acq On : 08 Oct 2024 17:40
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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

Quant Time : Oct 09 02:33:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:21:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	30470	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.100	114	162746	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	149621	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	73291	29.877	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.600%		
60) 4-Bromofluorobenzene	12.847	95	73092	29.600	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.667%		
63) Toluene-d8	10.565	98	213083	30.742	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.467%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	35240	18.943	ug/l	100
3) Chloromethane	2.365	50	41063	19.397	ug/l	98
4) Vinyl Chloride	2.518	62	40626	19.569	ug/l	100
5) Bromomethane	2.959	94	21858	15.891	ug/l	96
6) Chloroethane	3.124	64	25512	18.745	ug/l	97
7) Trichlorofluoromethane	3.500	101	65171	19.272	ug/l	91
8) Diethyl Ether	3.959	74	22942	18.453	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	37732	19.845	ug/l	96
10) 1,1-Dichloroethene	4.342	96	35573	18.750	ug/l	96
11) Methyl Iodide	4.589	142	31458	12.617	ug/l	93
12) Methyl Acetate	5.030	43	41242	17.364	ug/l	96
13) Acrolein	4.183	56	40008	90.677	ug/l	98
14) Acrylonitrile	5.718	53	91007	85.286	ug/l	98
15) Acetone	4.424	58	30176	98.996	ug/l	95
16) Carbon Disulfide	4.718	76	103309	18.286	ug/l	98
17) Allyl chloride	5.024	41	55751	18.128	ug/l	97
18) Methylene Chloride	5.283	84	40734	19.059	ug/l	98
19) trans-1,2-Dichloroethene	5.789	96	37724	18.788	ug/l	95
20) Diisopropyl ether	6.677	45	130765	19.775	ug/l	98
21) 1,1-Dichloroethane	6.571	63	73212	19.296	ug/l	99
22) cis-1,2-Dichloroethene	7.488	96	45294	19.385	ug/l	98
23) tert-Butyl Alcohol	5.518	59	30347	74.143	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	119367	18.827	ug/l #	84
25) Chloroform	7.965	83	76828	19.993	ug/l	96
26) Cyclohexane	8.253	56	57088	17.990	ug/l #	92
29) 1,1-Dichloropropene	8.365	75	51372	19.229	ug/l	99
30) 2-Butanone	7.482	43	125484	88.219	ug/l	99
31) 2,2-Dichloropropane	7.488	77	63562	20.246	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	69017	20.211	ug/l	98
33) Carbon Tetrachloride	8.365	117	58948	19.926	ug/l	97
34) Benzene	8.606	78	167176	19.990	ug/l	97
35) Methacrylonitrile	7.777	41	28254	18.619	ug/l	97
36) 1,2-Dichloroethane	8.671	62	55376	19.865	ug/l	98
37) Trichloroethene	9.353	130	36961	19.193	ug/l	97
38) Methylcyclohexane	9.606	83	54770	18.664	ug/l	99
39) 1,2-Dichloropropane	9.624	63	40203	19.714	ug/l	99
40) Dibromomethane	9.706	93	28490	19.989	ug/l	99
41) Bromodichloromethane	9.888	83	59651	19.714	ug/l	89
42) Vinyl Acetate	6.606	43	457941	92.569	ug/l	99

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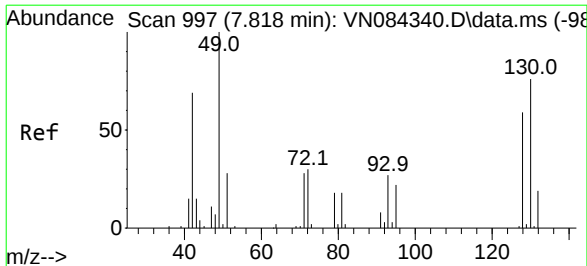
Manual Integrations
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 Supervised By : Mahesh Dadoda 10/09/2024

Quant Time: Oct 09 02:33:35 2024
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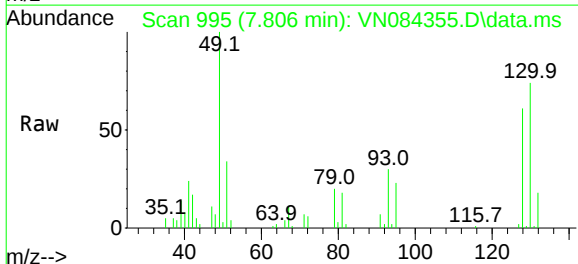
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	52269	18.632	ug/l	98
44) Isopropyl Acetate	8.688	43	86201	18.774	ug/l	100
45) 1,4-Dioxane	9.694	88	14005	338.358	ug/l	97
46) Methyl methacrylate	9.682	41	40372	18.198	ug/l	98
47) n-amyl Acetate	12.494	43	74707	18.292	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	58691	18.771	ug/l	95
49) cis-1,3-Dichloropropene	10.312	75	63988	19.527	ug/l	98
50) 1,1,2-Trichloroethane	11.018	97	38158	19.918	ug/l	95
51) Ethyl methacrylate	10.871	69	56920	17.987	ug/l	92
52) 1,3-Dichloropropane	11.165	76	66001	19.703	ug/l	98
53) Dibromochloromethane	11.359	129	43566	19.250	ug/l	97
54) 1,2-Dibromoethane	11.470	107	37904	19.221	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	133068	92.716	ug/l	100
56) Bromoform	12.576	173	28307	18.859	ug/l	97
58) 4-Methyl-2-Pentanone	10.441	43	256151	91.903	ug/l	99
59) 2-Hexanone	11.194	43	186516	90.056	ug/l	97
61) Tetrachloroethene	11.106	164	32918	19.450	ug/l	94
62) Toluene	10.629	91	178118	20.335	ug/l	97
64) Chlorobenzene	11.894	112	107308	19.687	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.959	131	38273	20.212	ug/l	99
66) Ethyl Benzene	11.965	91	181819	19.106	ug/l	99
67) m/p-Xylenes	12.070	106	142977	39.605	ug/l	100
68) o-Xylene	12.394	106	66635	19.150	ug/l	96
69) Styrene	12.412	104	115373	19.314	ug/l	100
70) Isopropylbenzene	12.694	105	168131	18.927	ug/l	96
71) 1,1,2,2-Tetrachloroethane	12.935	83	54147	19.704	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	43383m	18.433	ug/l	
73) Bromobenzene	12.982	156	42285	19.655	ug/l	97
74) n-propylbenzene	13.035	91	203271	19.202	ug/l	100
75) 2-Chlorotoluene	13.123	91	129200	19.641	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	145959	19.514	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	17262	17.164	ug/l	94
78) 4-Chlorotoluene	13.223	91	130078	19.450	ug/l	99
79) tert-butylbenzene	13.435	119	120931	18.951	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	147293	19.408	ug/l	98
81) sec-Butylbenzene	13.617	105	168977	19.234	ug/l	99
82) p-Isopropyltoluene	13.729	119	137240	18.560	ug/l	100
83) 1,3-Dichlorobenzene	13.735	146	77193	19.297	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	73656	18.542	ug/l	99
85) n-Butylbenzene	14.053	91	114099	17.816	ug/l	100
86) Hexachloroethane	14.335	117	27070	19.002	ug/l	93
87) 1,2-Dichlorobenzene	14.106	146	73802	19.082	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	9795	17.430	ug/l	95
89) 1,2,4-Trichlorobenzene	15.841	180	33101	16.461	ug/l	99
90) Hexachlorobutadiene	15.500	225	15757	16.938	ug/l	97
91) Naphthalene	15.641	128	106388	15.612	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	33101	16.461	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 997
Delta R.T. -0.012 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

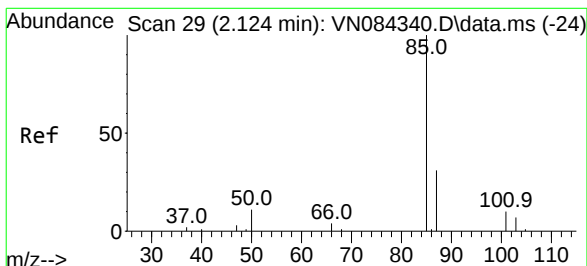
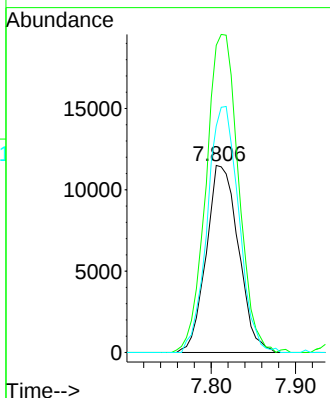
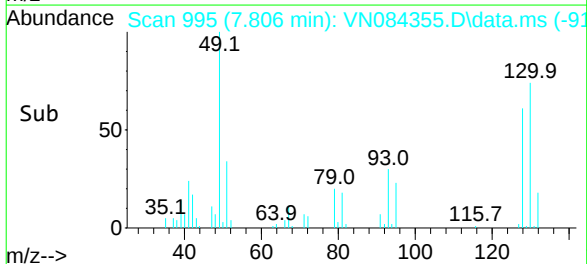
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 30470
Ion Ratio Lower Upper
128 100
49 171.1 0.0 430.0
130 128.3 0.0 329.8

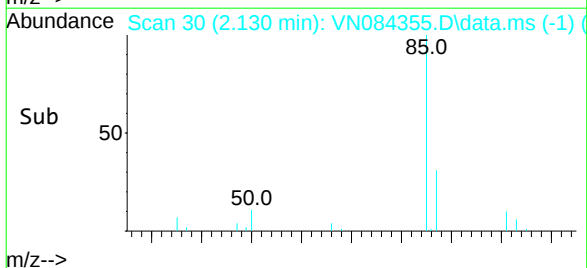
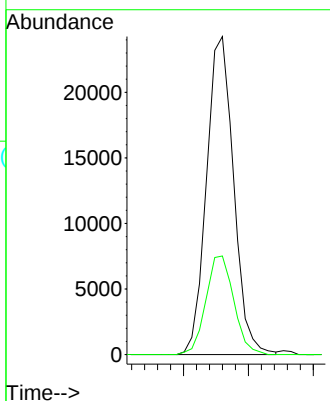
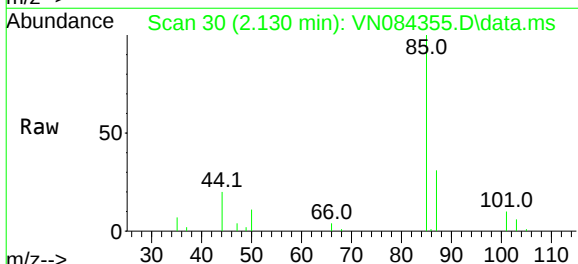
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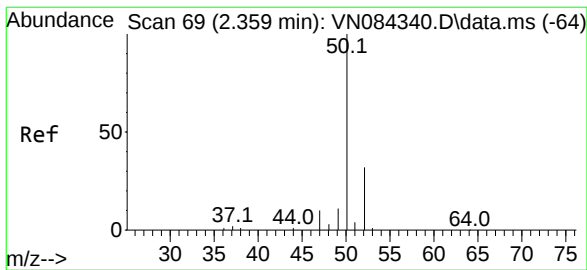
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#2
Dichlorodifluoromethane
Concen: 18.943 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

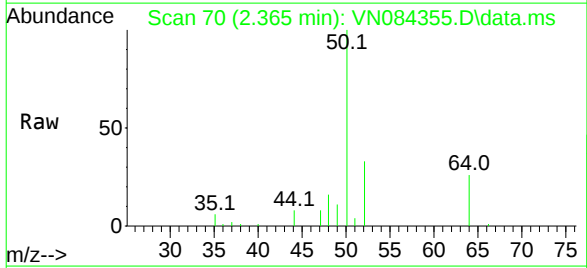
Tgt Ion: 85 Resp: 35240
Ion Ratio Lower Upper
85 100
87 31.0 15.4 46.4





#3
Chloromethane
Concen: 19.397 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

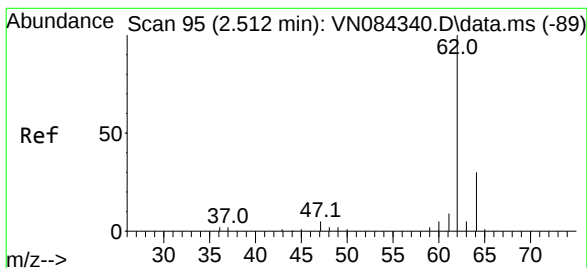
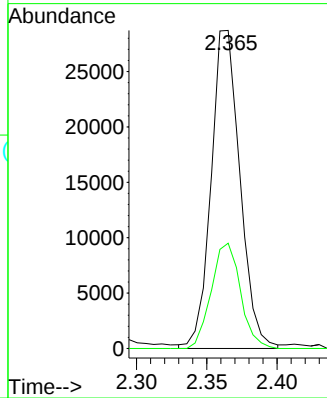
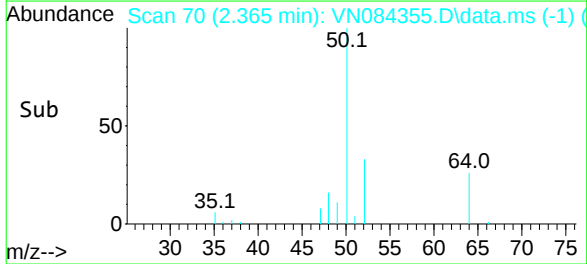
Instrument :
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VSTDCCC020EC



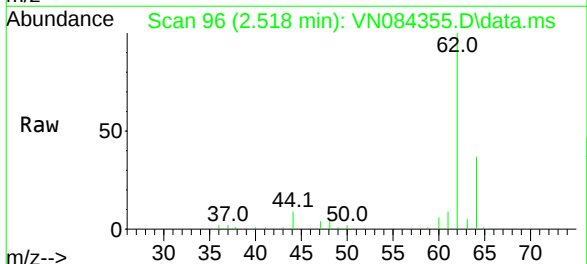
Tgt Ion: 50 Resp: 41063
Ion Ratio Lower Upper
50 100
52 33.5 25.8 38.6

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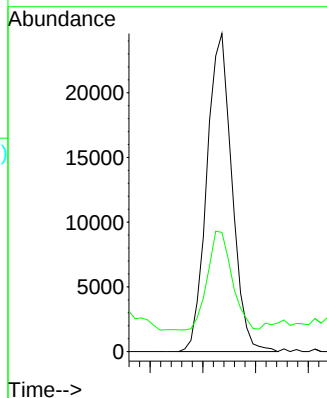
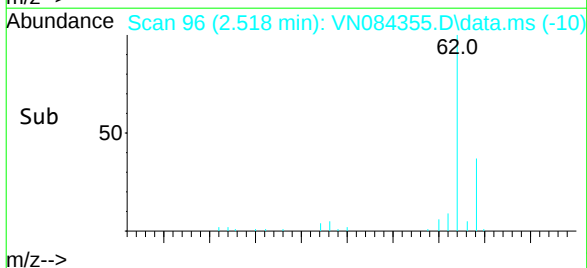
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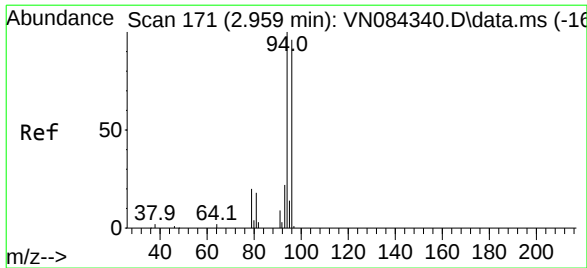


#4
Vinyl Chloride
Concen: 19.569 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40



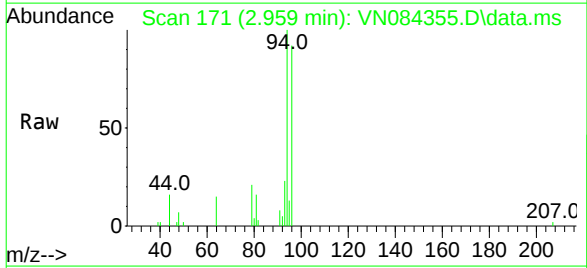
Tgt Ion: 62 Resp: 40626
Ion Ratio Lower Upper
62 100
64 30.6 24.3 36.5





#5
Bromomethane
Concen: 15.891 ug/l
RT: 2.959 min Scan# 171
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

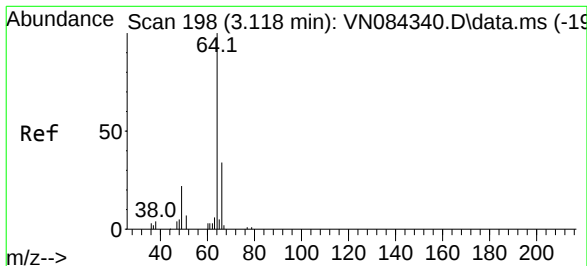
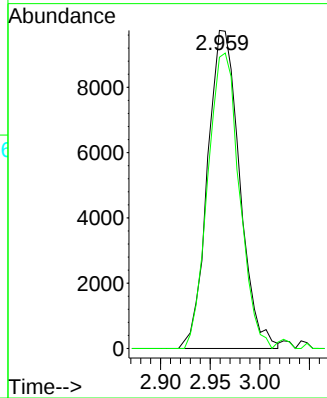
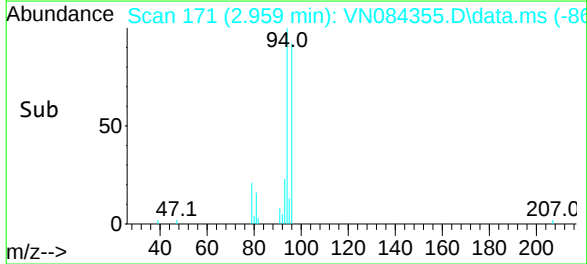
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



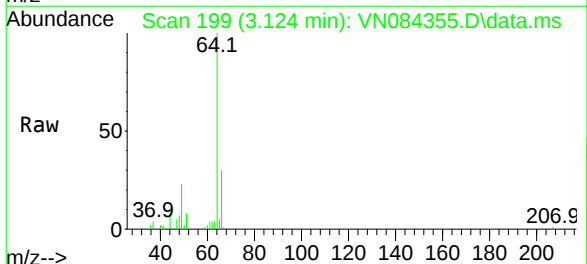
Tgt Ion: 94 Resp: 21858
Ion Ratio Lower Upper
94 100
96 91.6 76.7 115.1

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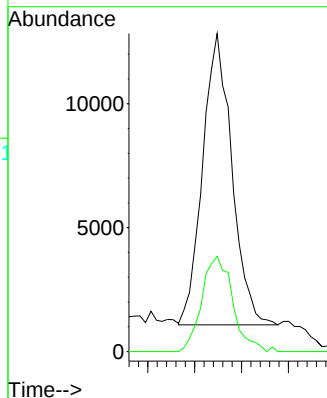
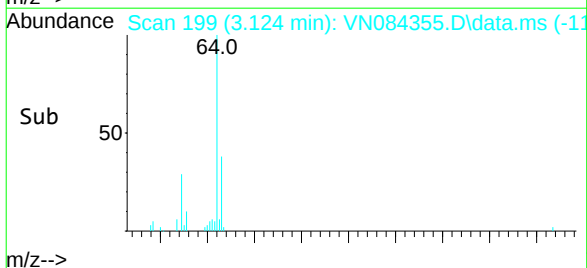
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

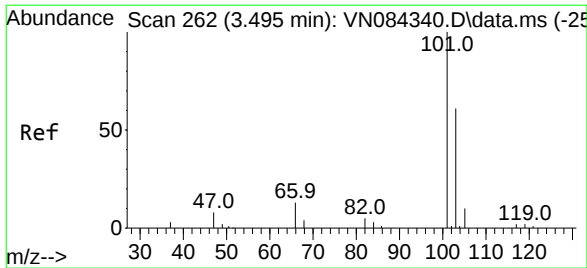


#6
Chloroethane
Concen: 18.745 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40



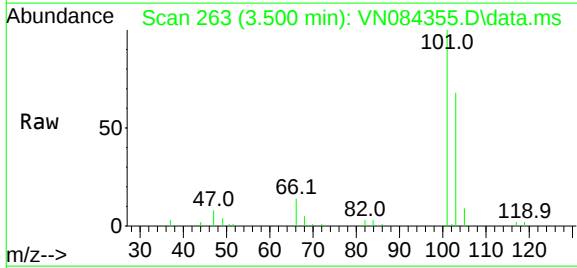
Tgt Ion: 64 Resp: 25512
Ion Ratio Lower Upper
64 100
66 32.7 27.7 41.5





#7
 Trichlorofluoromethane
 Concen: 19.272 ug/l
 RT: 3.500 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN084355.D
 Acq: 08 Oct 2024 17:40

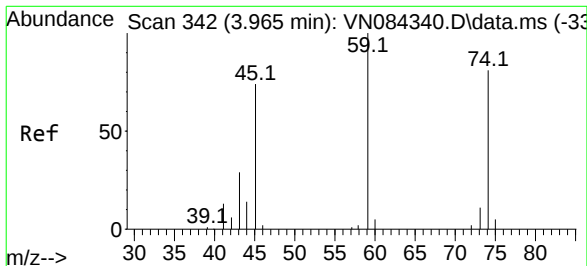
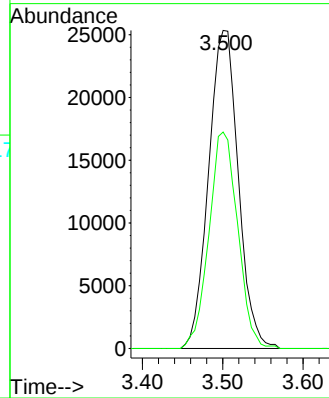
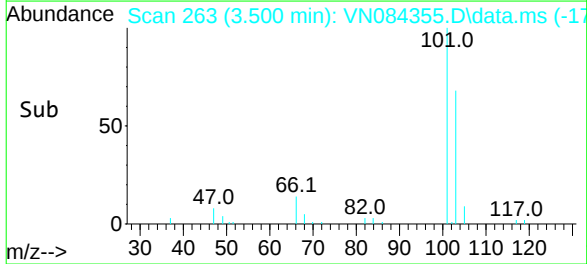
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 MSVOA_N
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Tgt Ion:101 Resp: 65171
 Ion Ratio Lower Upper
 101 100
 103 68.1 49.0 73.6

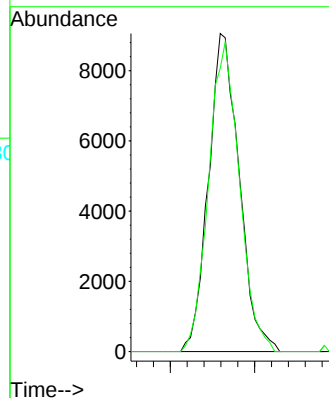
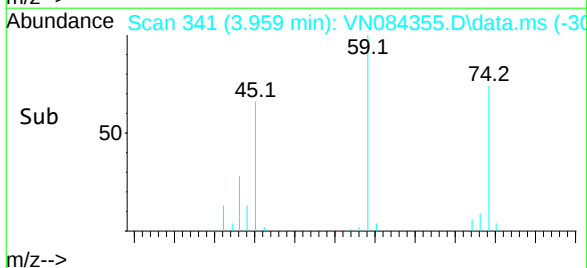
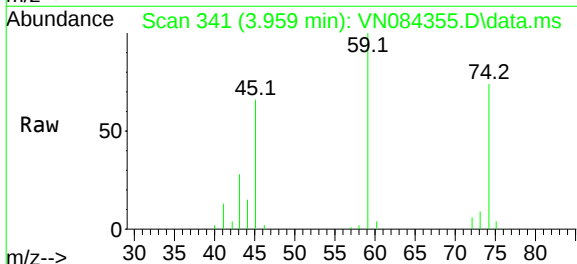
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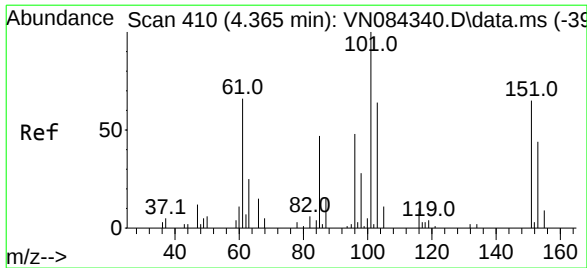
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024



#8
 Diethyl Ether
 Concen: 18.453 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN084355.D
 Acq: 08 Oct 2024 17:40

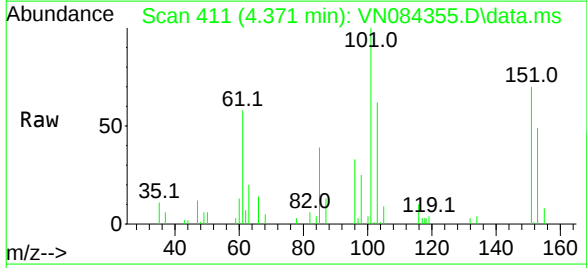
Tgt Ion: 74 Resp: 22942
 Ion Ratio Lower Upper
 74 100
 45 97.3 19.2 173.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.845 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

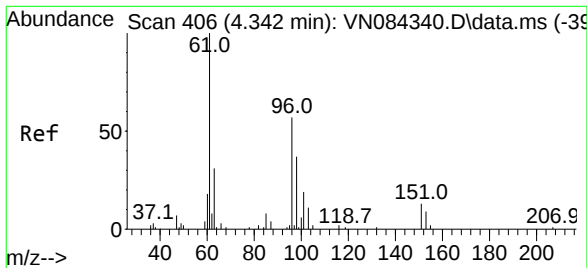
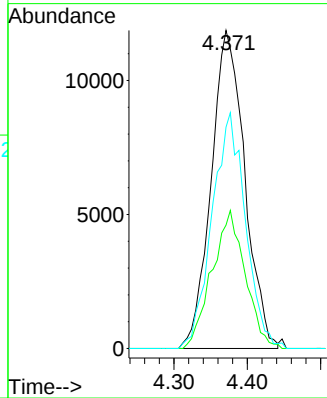
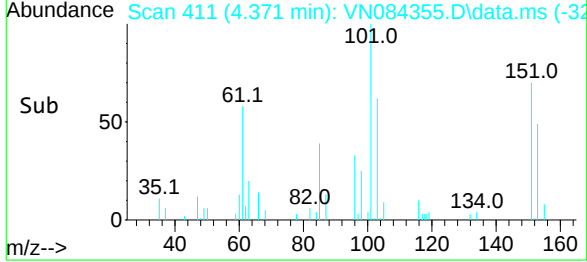
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



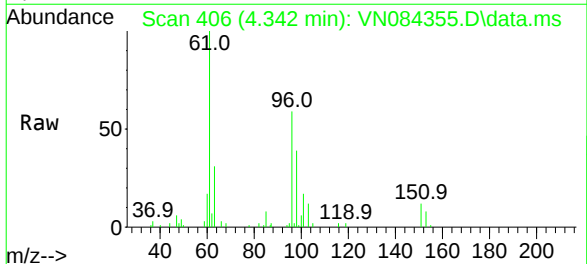
Tgt Ion: 101 Resp: 37732
Ion Ratio Lower Upper
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151 73.7 0.0 151.8

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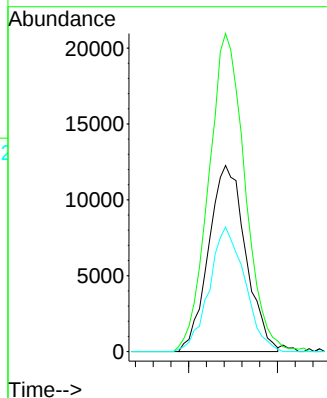
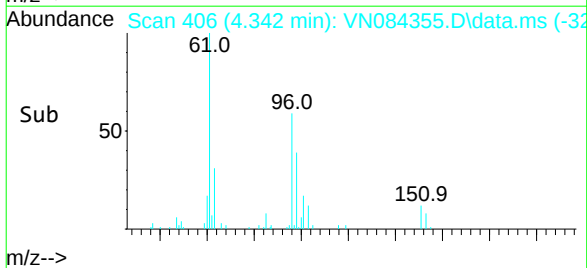
Reviewed By : John Carlone 10/09/2024
Supervised By : Mahesh Dadoda 10/09/2024

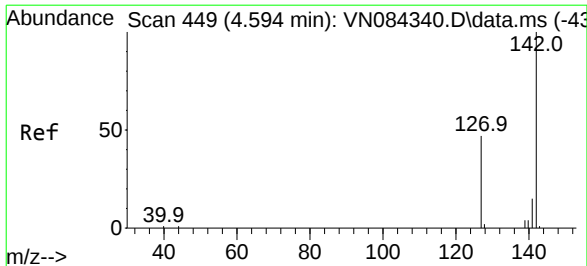


#10
1,1-Dichloroethene
Concen: 18.750 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40



Tgt Ion: 96 Resp: 35573
Ion Ratio Lower Upper
96 100
61 168.2 140.8 211.2
98 65.7 52.2 78.2





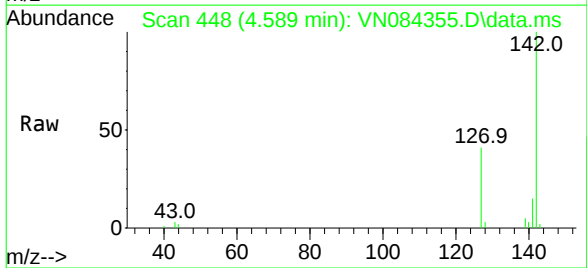
#11
Methyl Iodide
Concen: 12.617 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

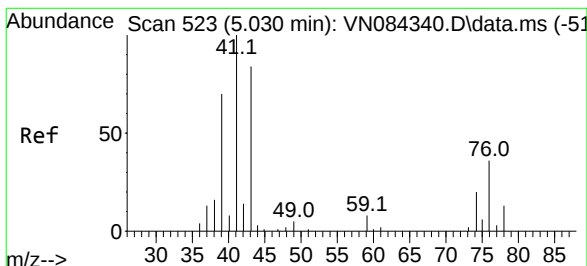
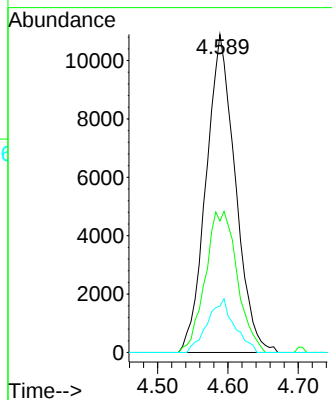
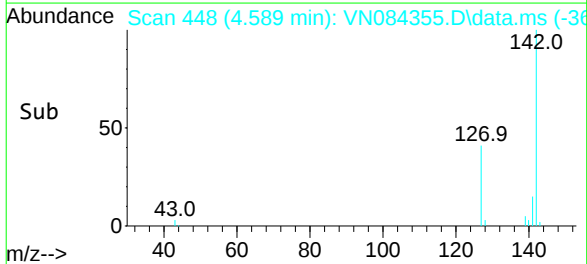
VSTDCCC020EC



Tgt Ion: 142 Resp: 31458
Ion Ratio Lower Upper
142 100
127 41.3 23.8 71.4
141 14.6 7.4 22.2

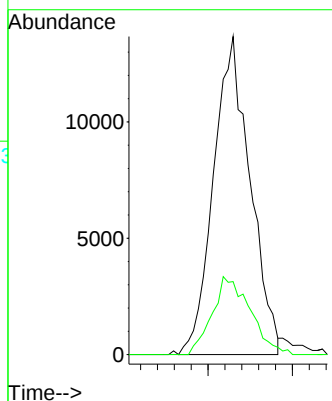
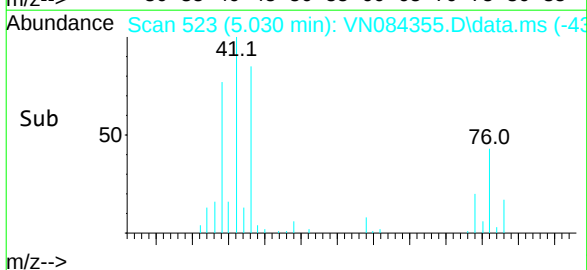
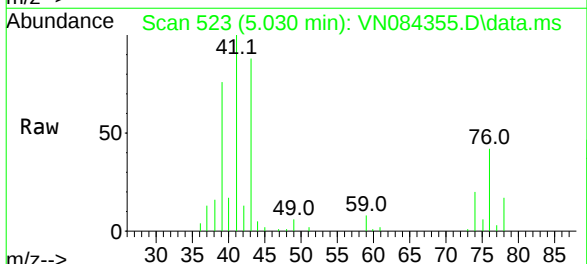
Manual Integrations
APPROVED

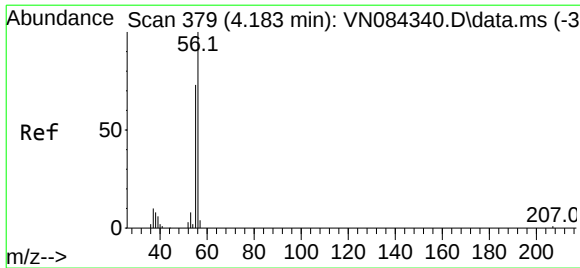
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#12
Methyl Acetate
Concen: 17.364 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

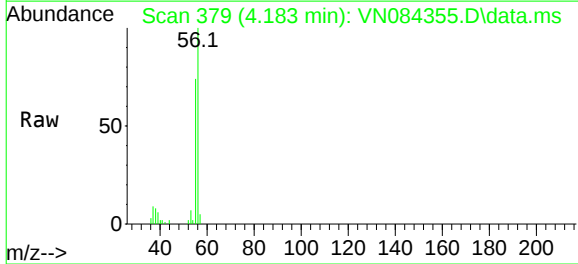
Tgt Ion: 43 Resp: 41242
Ion Ratio Lower Upper
43 100
74 22.4 19.4 29.2





#13
Acrolein
Concen: 90.677 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

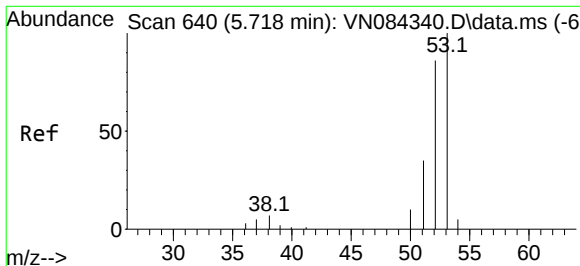
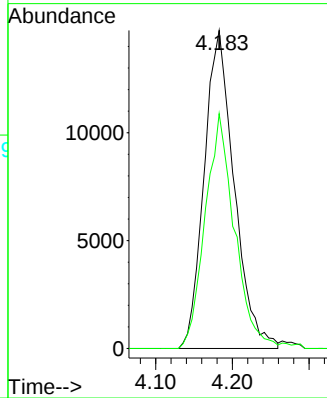
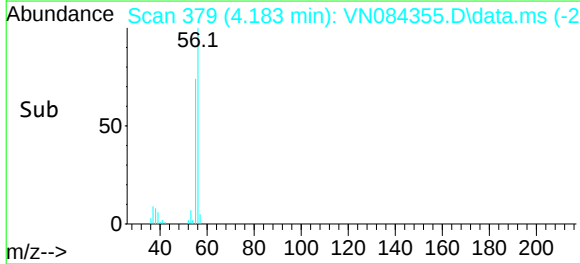
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



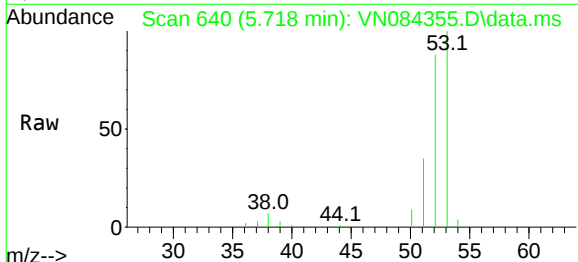
Tgt Ion: 56 Resp: 40008
Ion Ratio Lower Upper
56 100
55 72.1 56.4 84.6

Manual Integrations
APPROVED

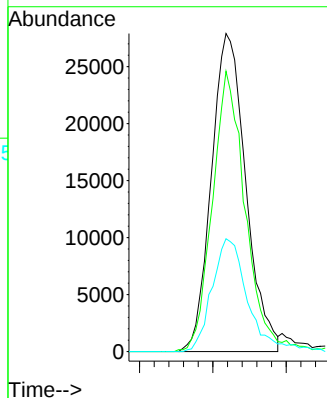
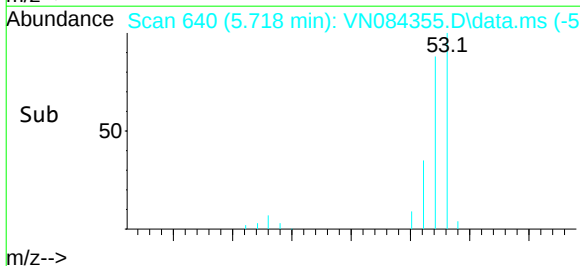
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

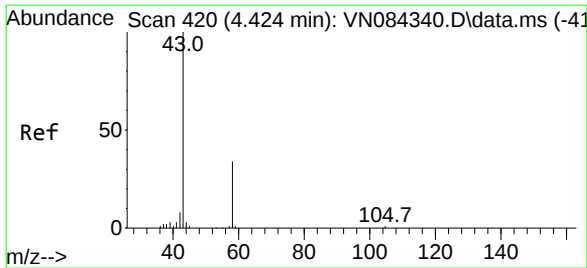


#14
Acrylonitrile
Concen: 85.286 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40



Tgt Ion: 53 Resp: 91007
Ion Ratio Lower Upper
53 100
52 82.8 40.4 121.2
51 34.2 17.8 53.4





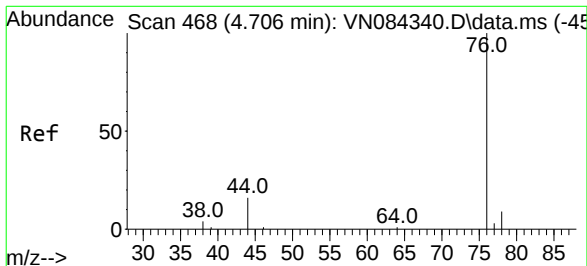
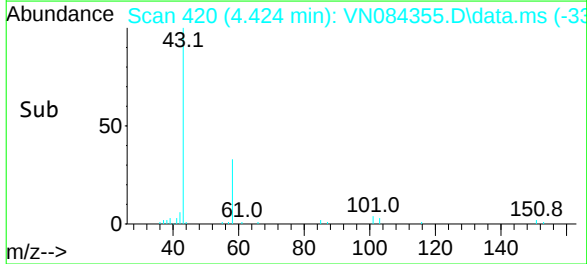
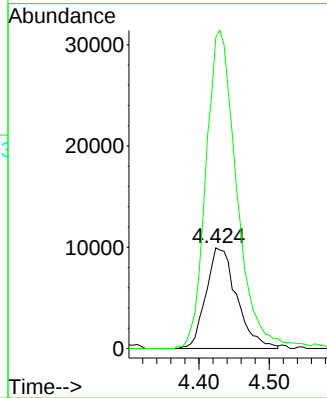
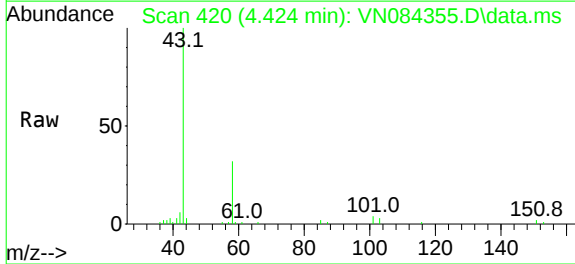
#15
Acetone
Concen: 98.996 ug/l
RT: 4.424 min Scan# 42
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 30176
Ion Ratio Lower Upper
58 100
43 306.9 237.5 356.3

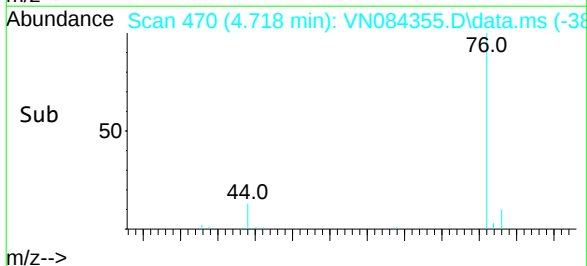
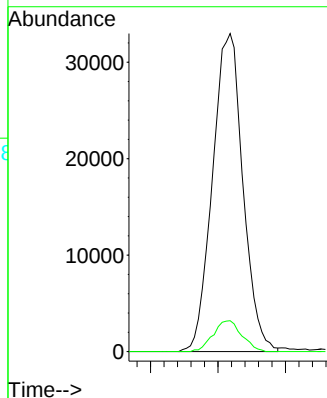
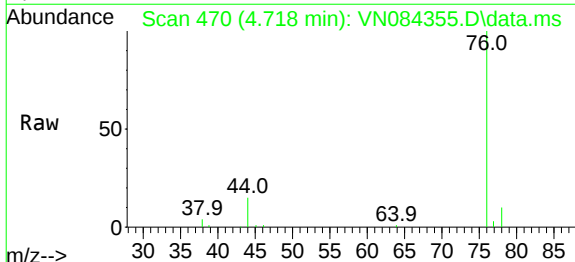
Manual Integrations
APPROVED

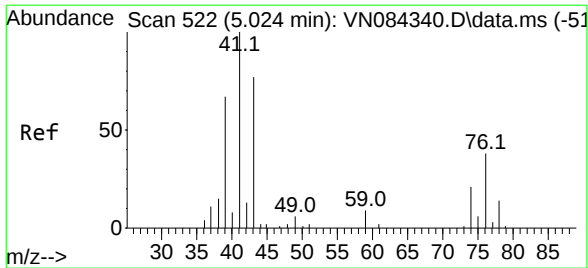
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#16
Carbon Disulfide
Concen: 18.286 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.012 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

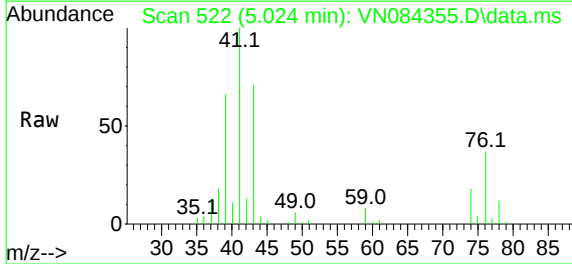
Tgt Ion: 76 Resp: 103309
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7





#17
 Allyl chloride
 Concen: 18.128 ug/l
 RT: 5.024 min Scan# 522
 Delta R.T. -0.000 min
 Lab File: VN084355.D
 Acq: 08 Oct 2024 17:40

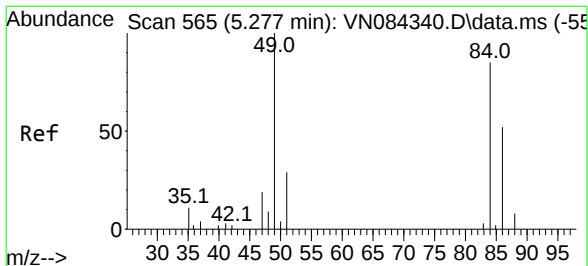
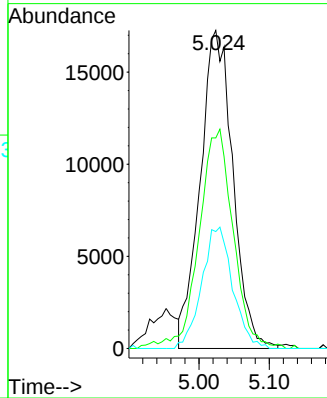
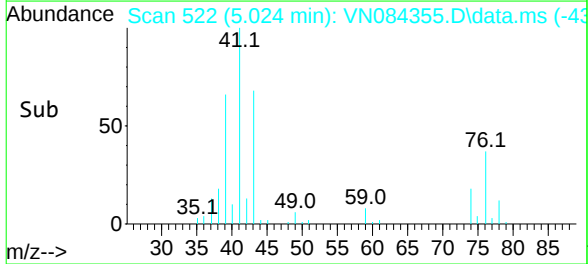
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



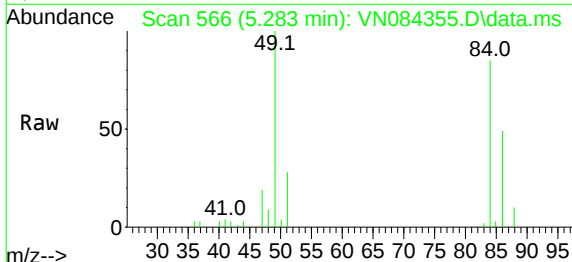
Tgt Ion:	41	Resp:	55751
Ion	Ratio	Lower	Upper
41	100		
39	65.5	31.4	94.3
76	37.1	17.8	53.5

Manual Integrations
 APPROVED

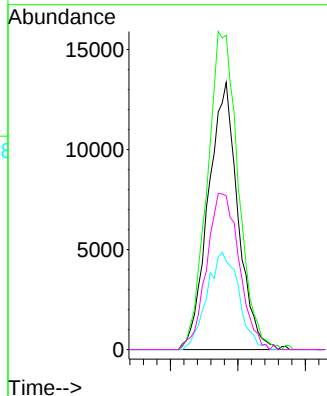
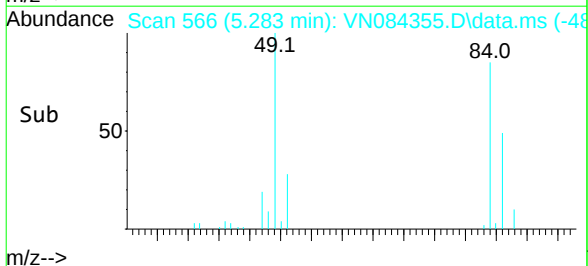
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024

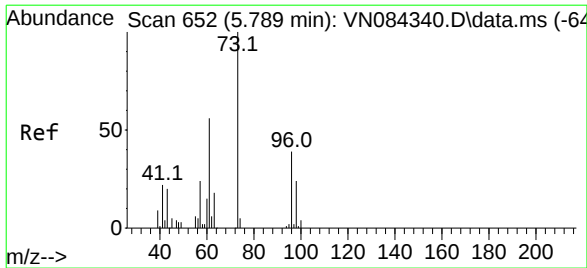


#18
 Methylene Chloride
 Concen: 19.059 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: VN084355.D
 Acq: 08 Oct 2024 17:40



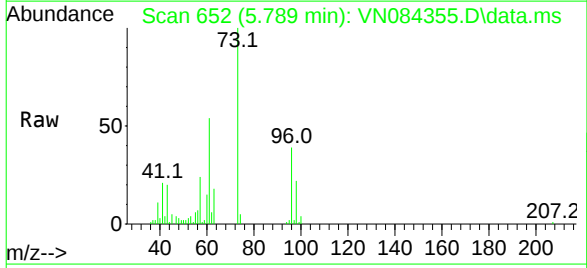
Tgt Ion:	84	Resp:	40734
Ion	Ratio	Lower	Upper
84	100		
49	117.7	94.6	142.0
51	33.1	27.3	40.9
86	57.5	49.4	74.0





#19
trans-1,2-Dichloroethene
Concen: 18.788 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

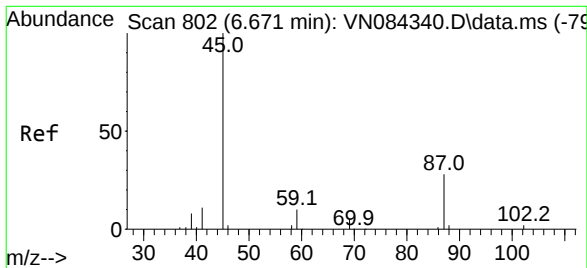
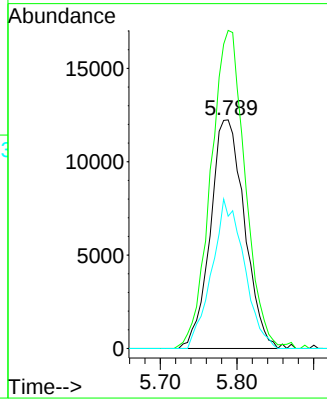
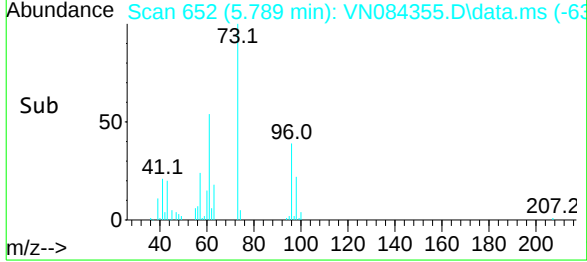
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 37724
Ion Ratio Lower Upper
96 100
61 137.8 115.8 173.6
98 57.9 49.4 74.0

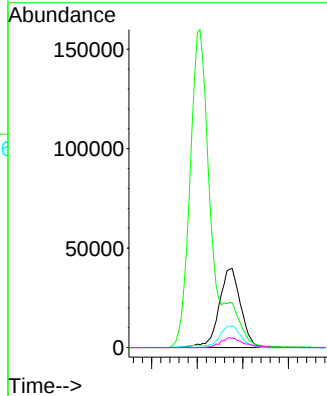
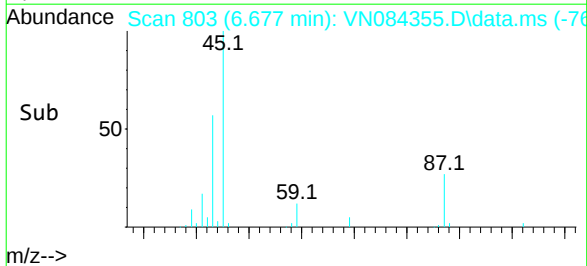
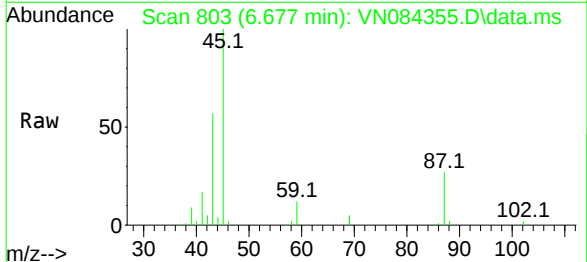
Manual Integrations
APPROVED

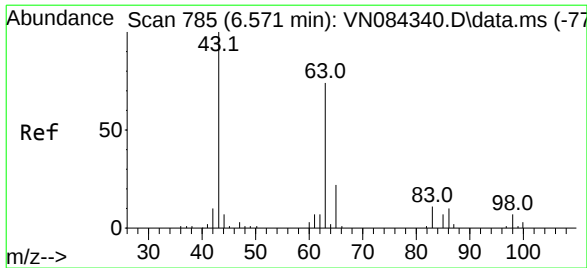
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#20
Diisopropyl ether
Concen: 19.775 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 45 Resp: 130765
Ion Ratio Lower Upper
45 100
43 55.2 43.7 65.5
87 27.4 23.1 34.7
59 12.0 8.2 12.4





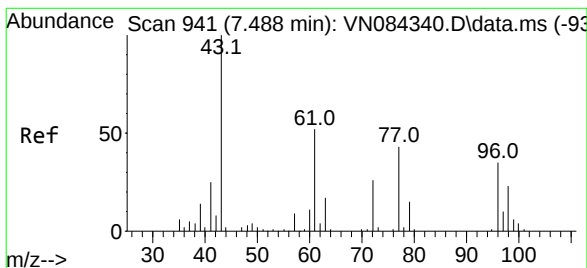
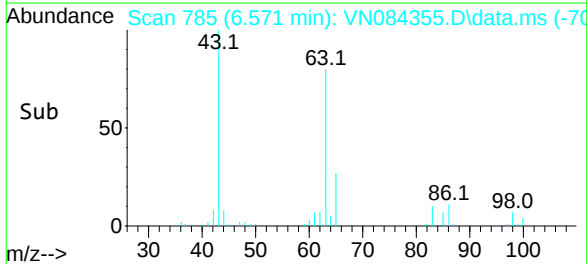
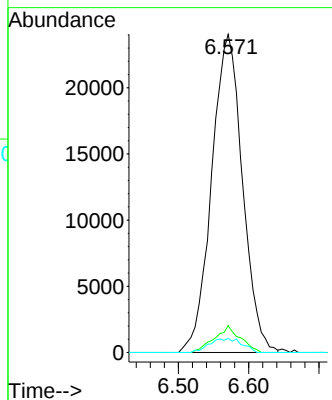
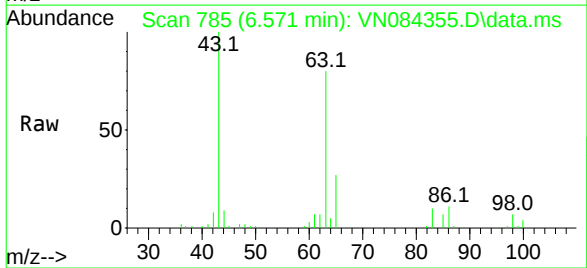
#21
1,1-Dichloroethane
Concen: 19.296 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63	Resp: 73212
Ion Ratio	Lower Upper
63 100	
98 8.4	4.5 13.4
100 4.4	2.1 6.3

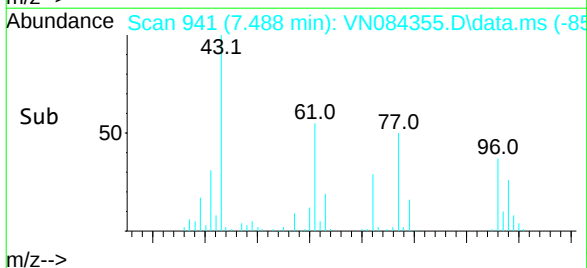
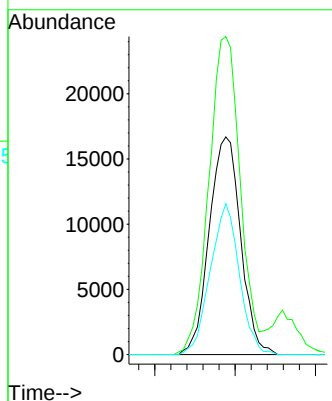
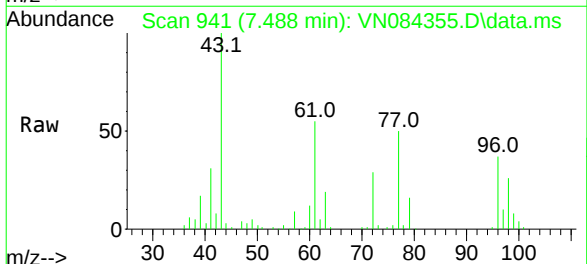
Manual Integrations
APPROVED

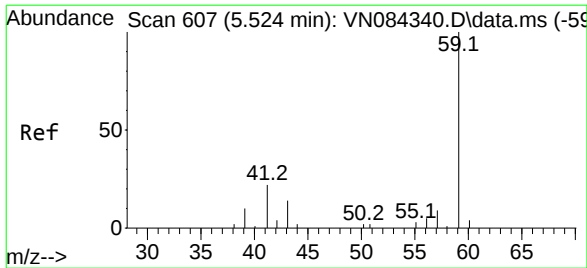
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#22
cis-1,2-Dichloroethene
Concen: 19.385 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 96	Resp: 45294
Ion Ratio	Lower Upper
96 100	
61 145.1	118.0 177.0
98 63.8	51.8 77.8





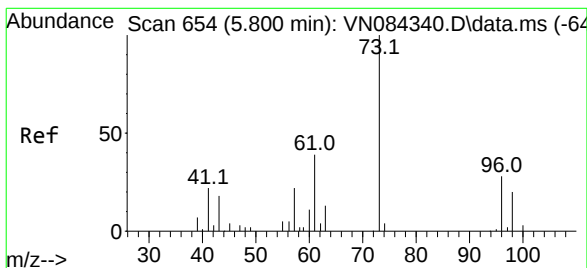
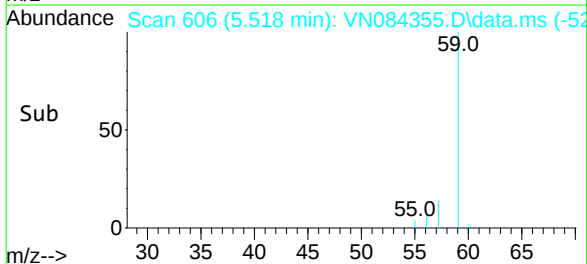
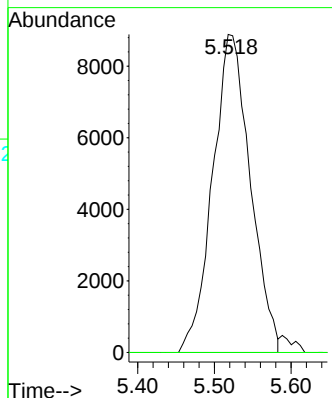
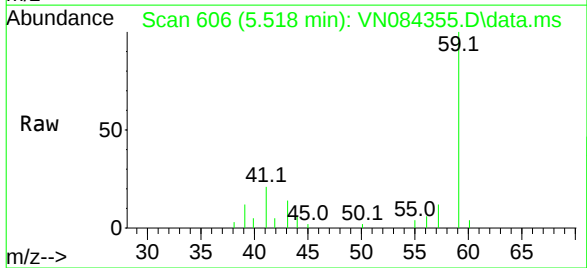
#23
tert-Butyl Alcohol
Concen: 74.143 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 30347
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

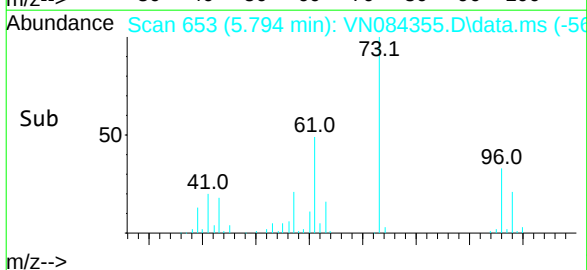
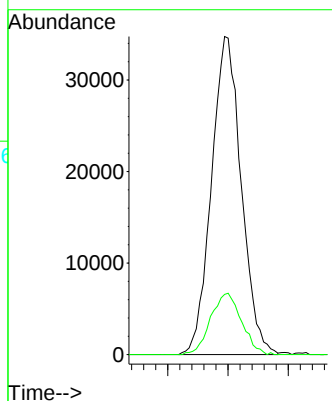
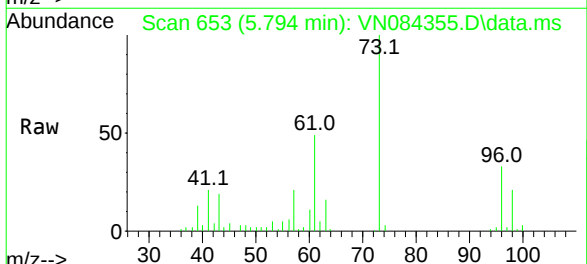
Manual Integrations
APPROVED

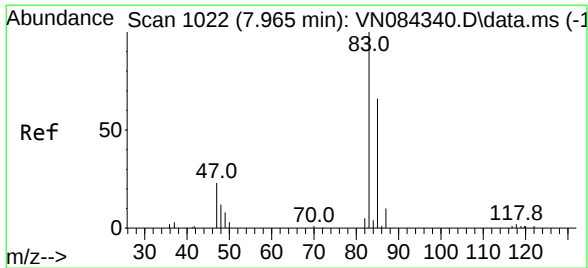
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#24
Methyl tert-Butyl Ether
Concen: 18.827 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

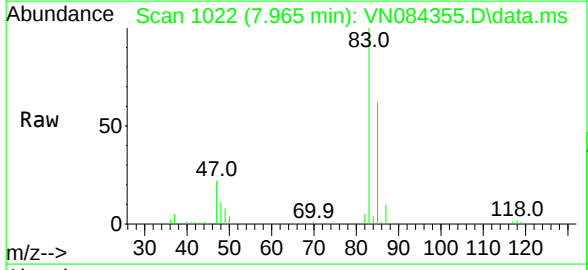
Tgt Ion: 73 Resp: 119367
Ion Ratio Lower Upper
73 100
43 19.9 10.9 16.3#





#25
 Chloroform
 Concen: 19.993 ug/l
 RT: 7.965 min Scan# 1022
 Delta R.T. -0.000 min
 Lab File: VN084355.D
 Acq: 08 Oct 2024 17:40

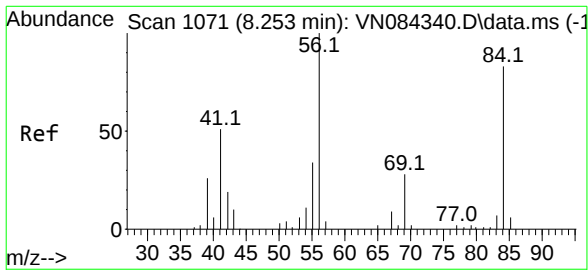
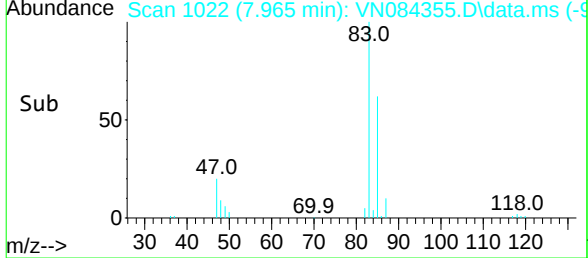
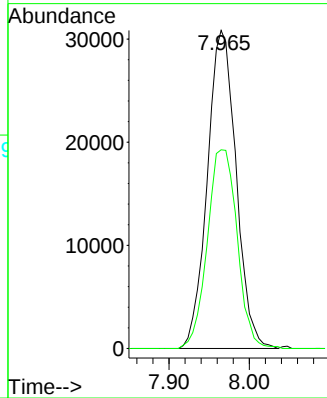
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020EC



Tgt Ion:	83	Resp:	76828
Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.4	78.6

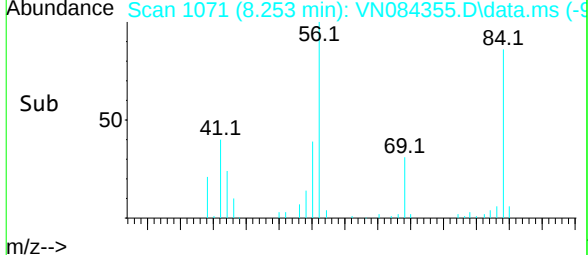
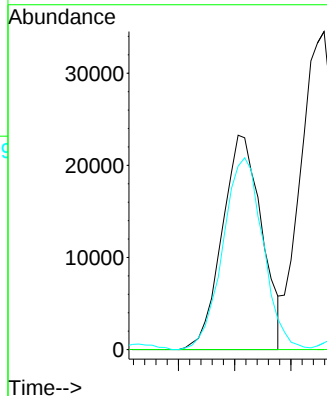
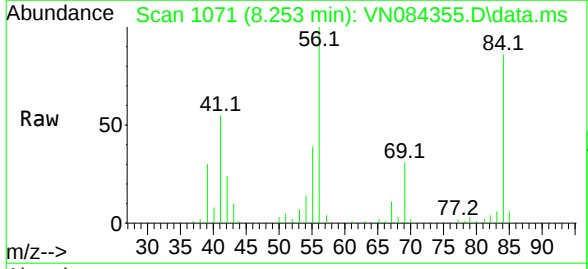
Manual Integrations
APPROVED

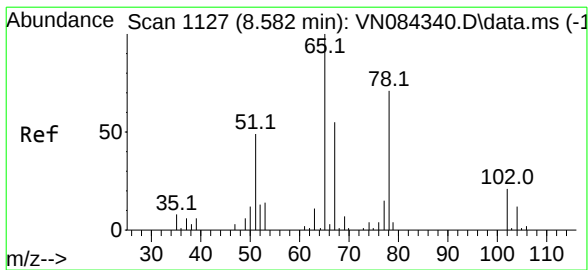
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024



#26
 Cyclohexane
 Concen: 17.990 ug/l
 RT: 8.253 min Scan# 1071
 Delta R.T. -0.000 min
 Lab File: VN084355.D
 Acq: 08 Oct 2024 17:40

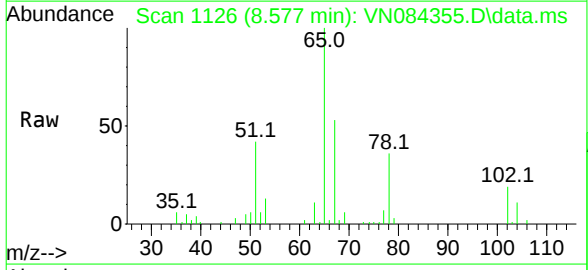
Tgt Ion:	56	Resp:	57088
Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	90.6	67.0	100.6





#27
 1,2-Dichloroethane-d4
 Concen: 29.877 ug/l
 RT: 8.577 min Scan# 1116
 Delta R.T. -0.006 min
 Lab File: VN084355.D
 Acq: 08 Oct 2024 17:40

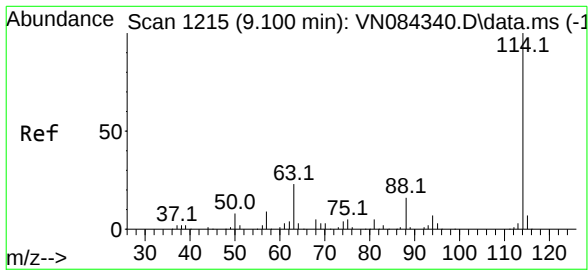
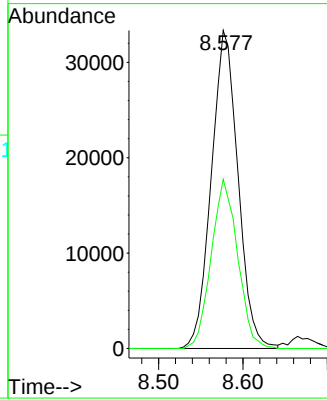
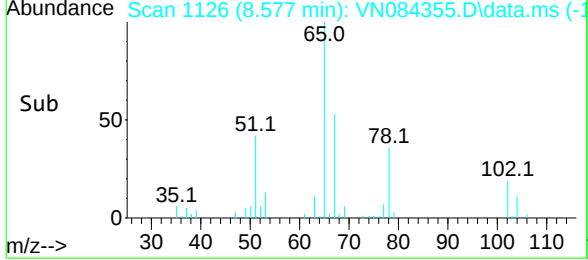
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



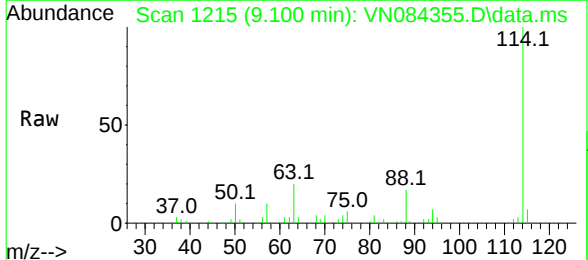
Tgt Ion: 65 Resp: 73291
 Ion Ratio Lower Upper
 65 100
 67 52.6 41.5 62.3

Manual Integrations
APPROVED

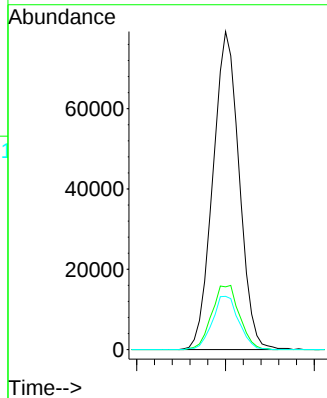
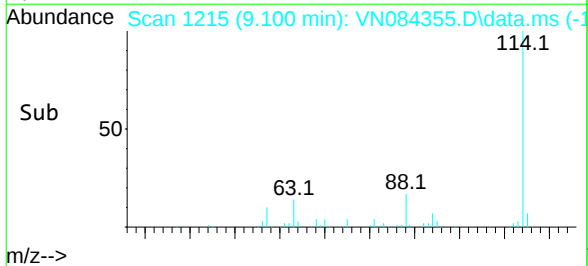
Reviewed By :John Carlone 10/09/2024
 Supervised By :Mahesh Dadoda 10/09/2024

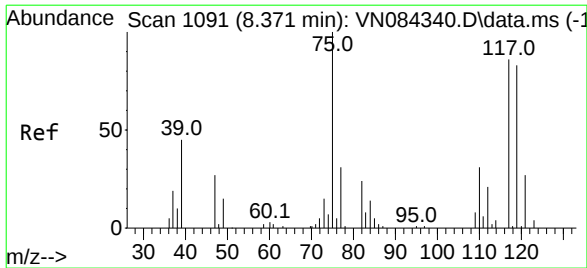


#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084355.D
 Acq: 08 Oct 2024 17:40



Tgt Ion:114 Resp: 162746
 Ion Ratio Lower Upper
 114 100
 63 21.3 17.4 26.0
 88 16.9 13.2 19.8





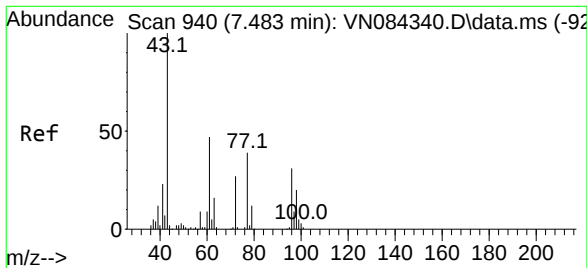
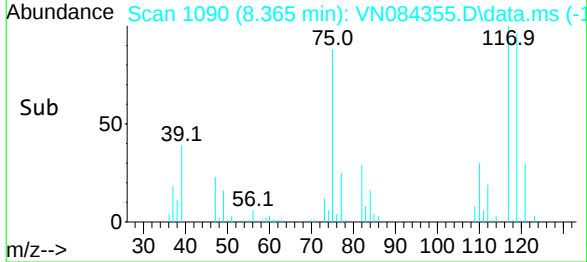
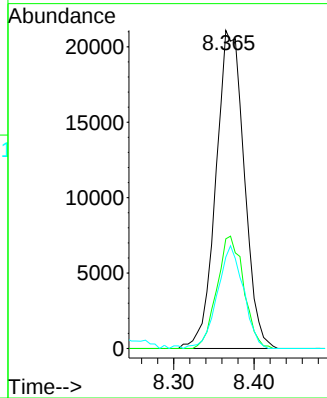
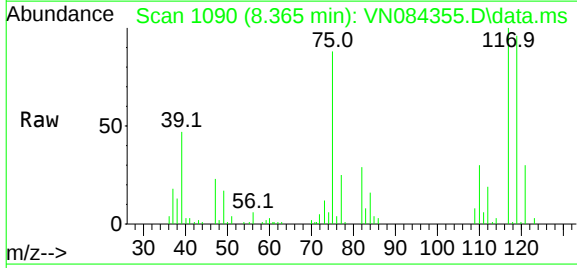
#29
1,1-Dichloropropene
Concen: 19.229 ug/l
RT: 8.365 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75	Resp: 51372
Ion Ratio	Lower Upper
75 100	
110 33.5	0.0 67.6
77 29.9	0.0 61.4

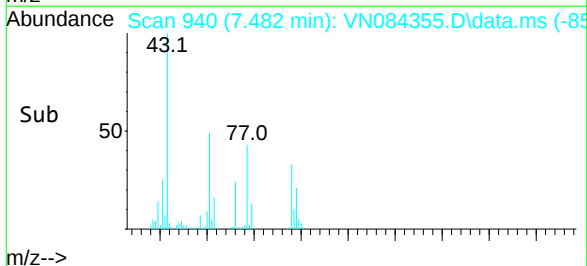
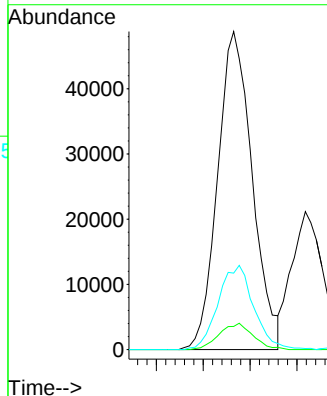
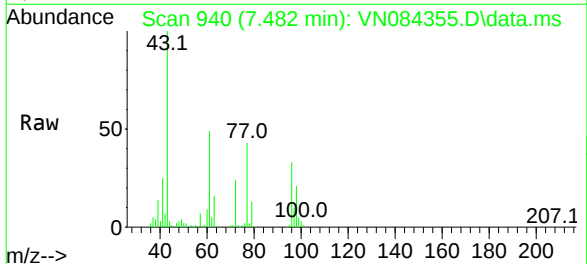
Manual Integrations
APPROVED

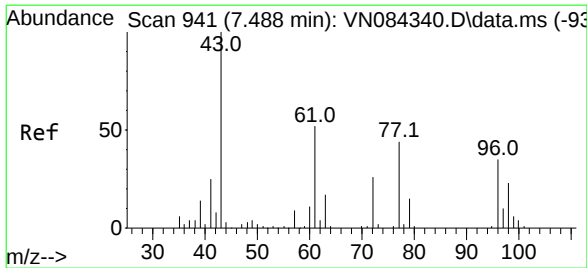
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#30
2-Butanone
Concen: 88.219 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 43	Resp: 125484
Ion Ratio	Lower Upper
43 100	
57 8.1	6.6 9.8
72 27.1	21.3 31.9





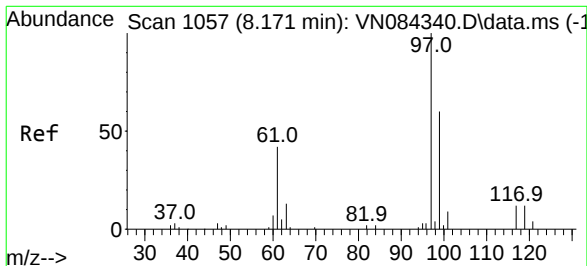
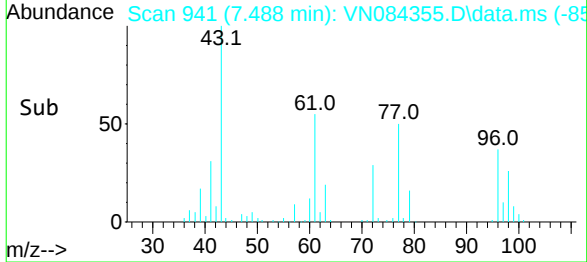
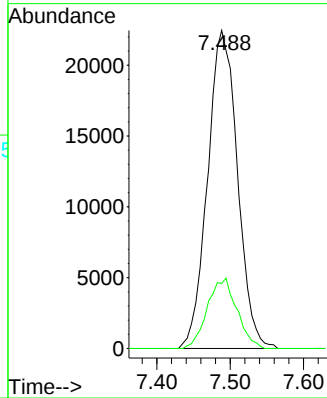
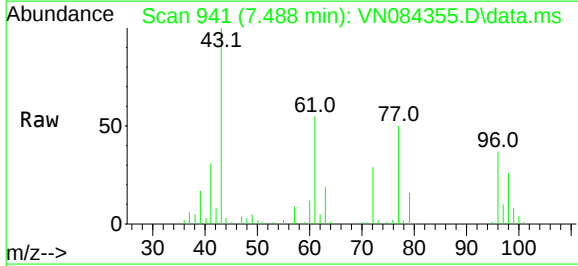
#31
2,2-Dichloropropane
Concen: 20.246 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 63562
Ion Ratio Lower Upper
77 100
97 21.8 11.5 17.3#

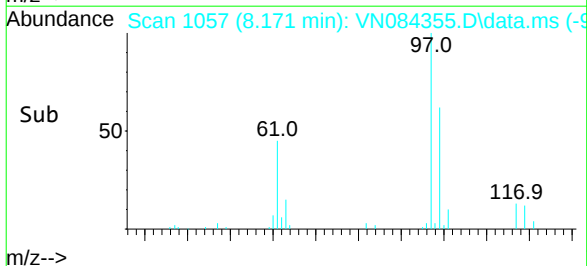
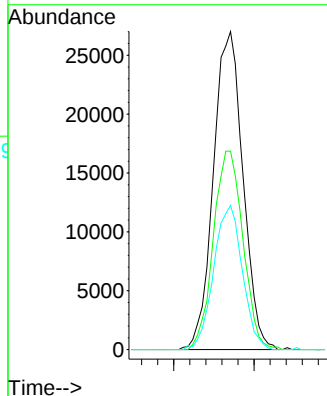
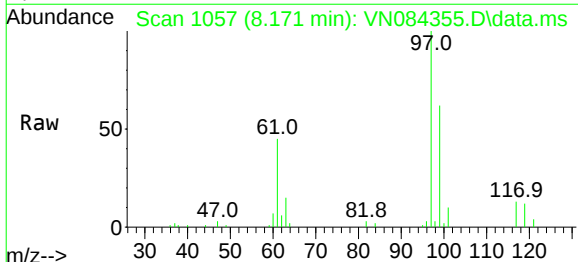
Manual Integrations
APPROVED

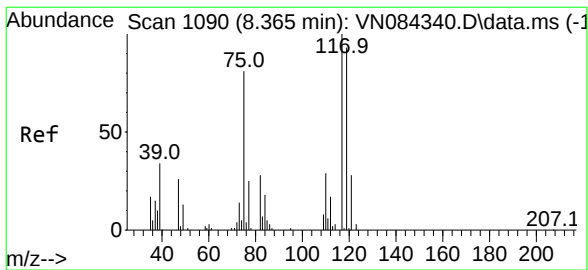
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#32
1,1,1-Trichloroethane
Concen: 20.211 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

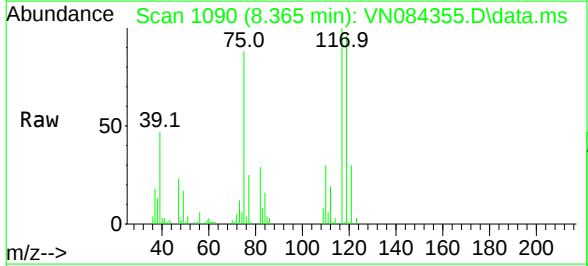
Tgt Ion: 97 Resp: 69017
Ion Ratio Lower Upper
97 100
99 62.5 51.2 76.8
61 44.0 34.1 51.1





#33
Carbon Tetrachloride
Concen: 19.926 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

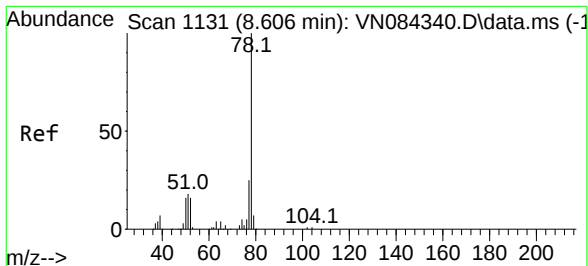
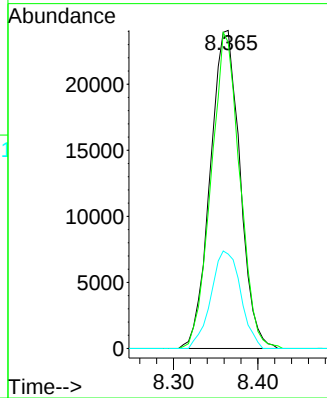
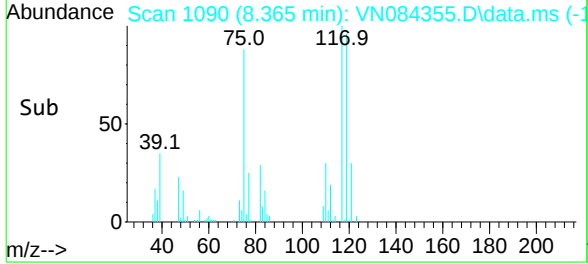
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 58948
Ion Ratio Lower Upper
117 100
119 96.3 74.3 111.5
121 29.7 22.4 33.6

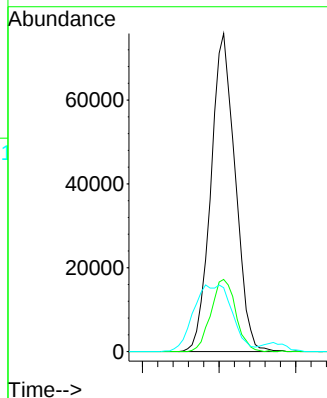
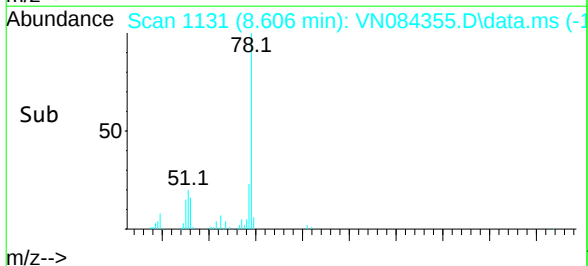
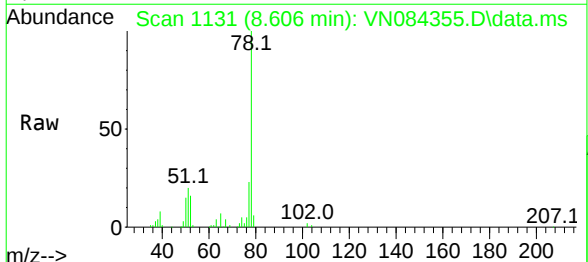
Manual Integrations
APPROVED

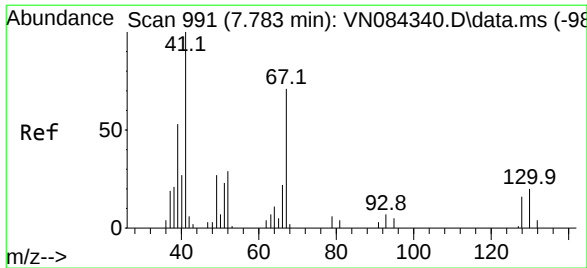
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#34
Benzene
Concen: 19.990 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 78 Resp: 167176
Ion Ratio Lower Upper
78 100
77 22.7 19.6 29.4
51 18.2 15.8 23.6





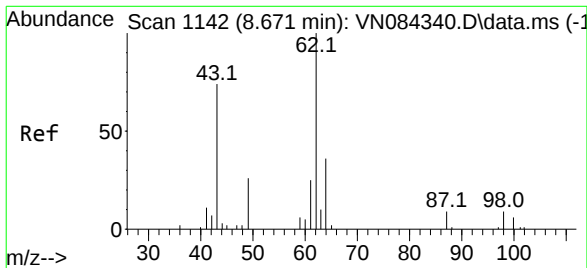
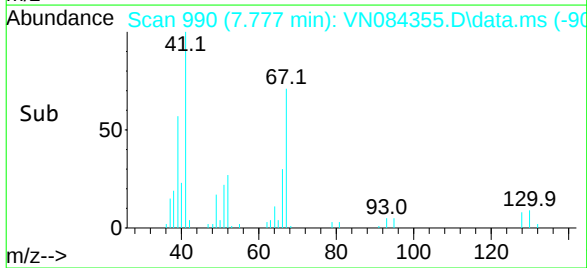
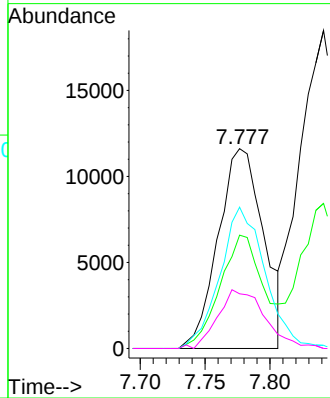
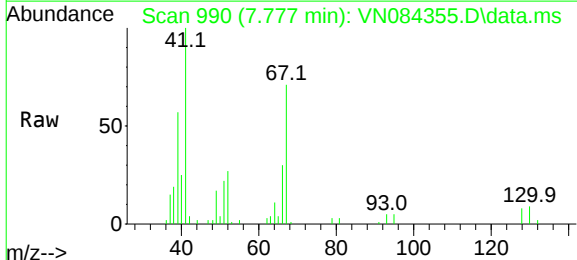
#35
Methacrylonitrile
Concen: 18.619 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 41 Resp: 28254
Ion Ratio Lower Upper
41 100
39 56.7 26.4 79.0
67 70.7 35.7 107.1
52 27.4 14.5 43.5

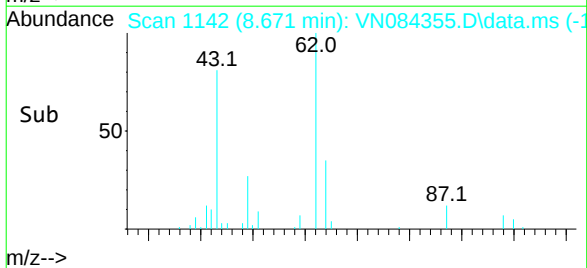
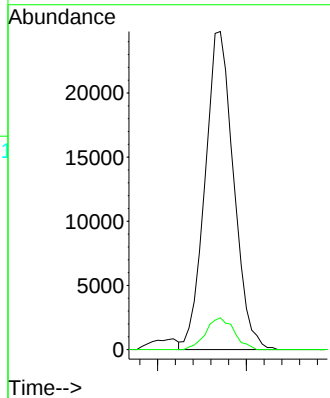
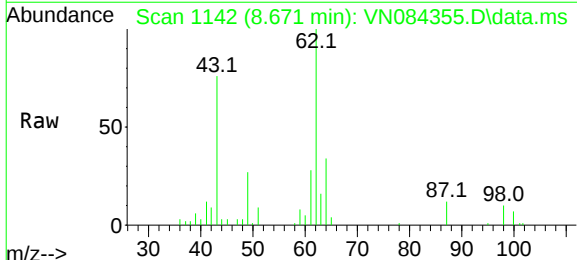
Manual Integrations
APPROVED

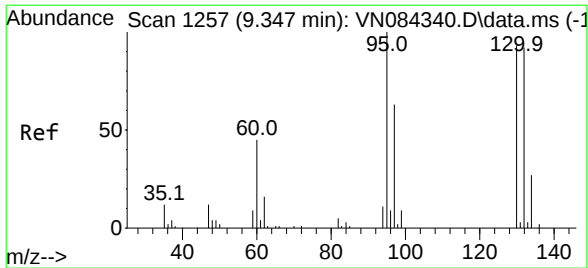
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#36
1,2-Dichloroethane
Concen: 19.865 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

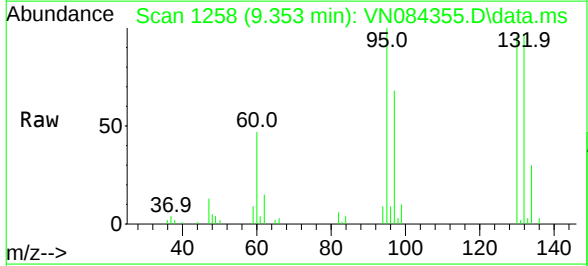
Tgt Ion: 62 Resp: 55376
Ion Ratio Lower Upper
62 100
98 9.9 7.3 10.9





#37
Trichloroethene
Concen: 19.193 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

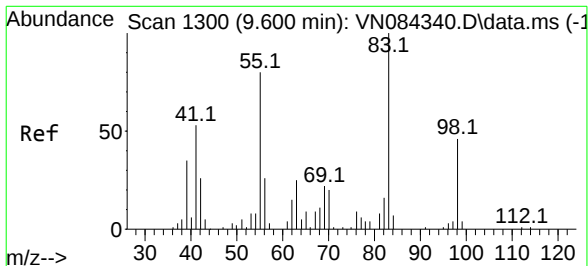
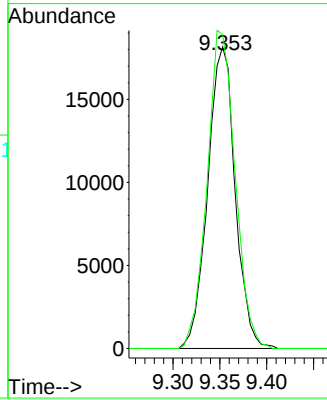
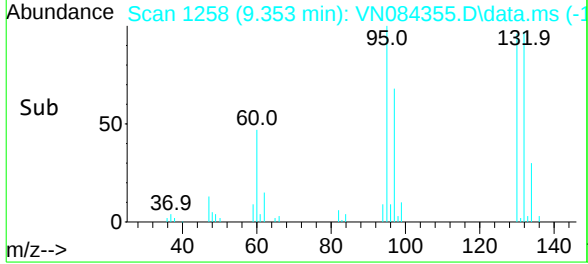
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:130 Resp: 36961
Ion Ratio Lower Upper
130 100
95 104.1 85.8 128.6

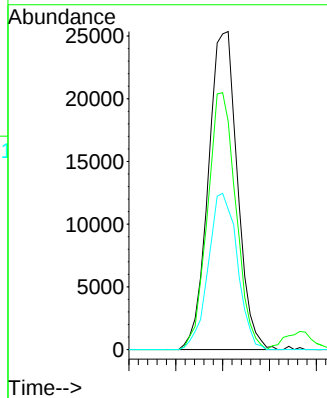
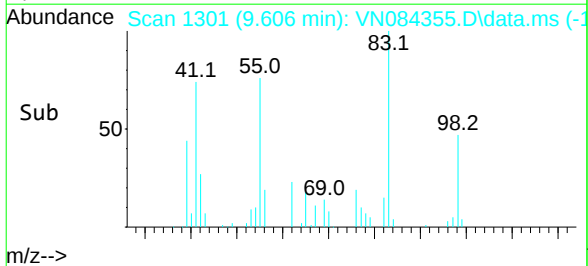
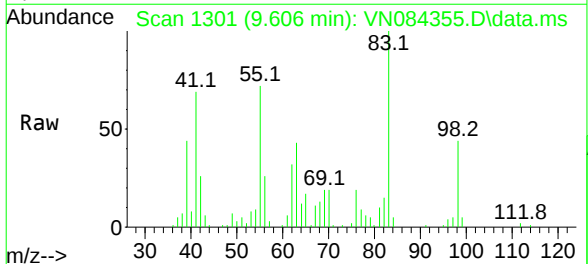
Manual Integrations
APPROVED

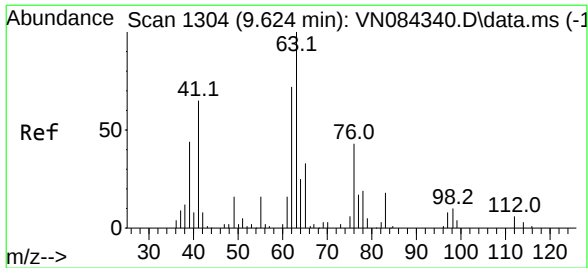
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#38
Methylcyclohexane
Concen: 18.664 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 83 Resp: 54770
Ion Ratio Lower Upper
83 100
55 78.5 39.3 117.8
98 49.1 24.0 72.0





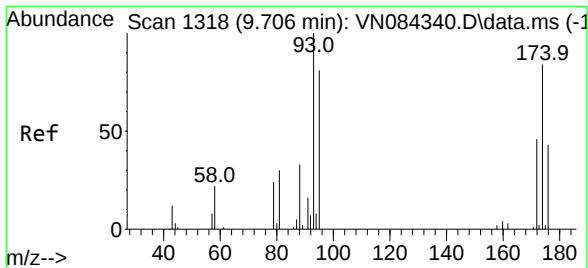
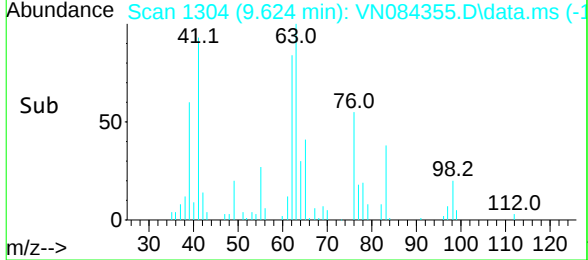
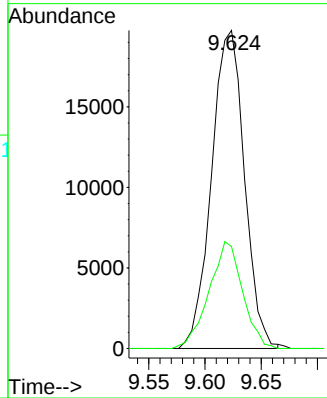
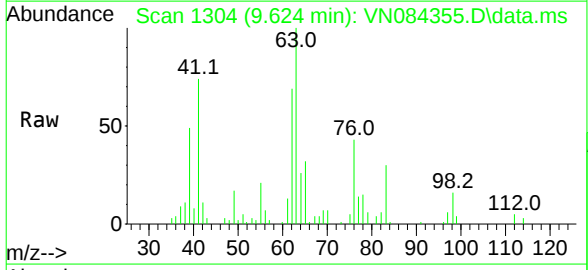
#39
1,2-Dichloropropane
Concen: 19.714 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 40203
Ion Ratio Lower Upper
63 100
65 32.1 26.3 39.5

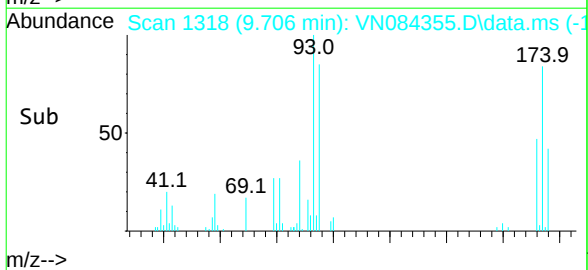
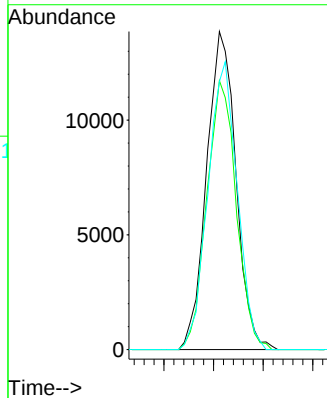
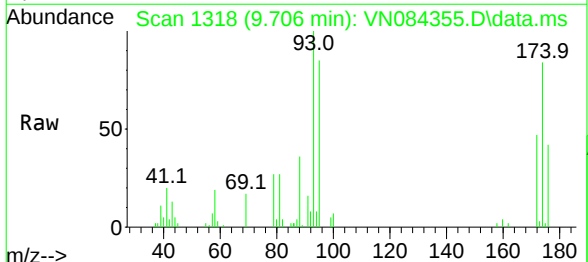
Manual Integrations
APPROVED

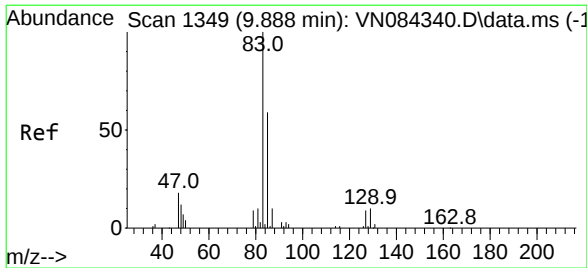
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#40
Dibromomethane
Concen: 19.989 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 93 Resp: 28490
Ion Ratio Lower Upper
93 100
95 84.8 0.0 171.4
174 90.4 0.0 183.0





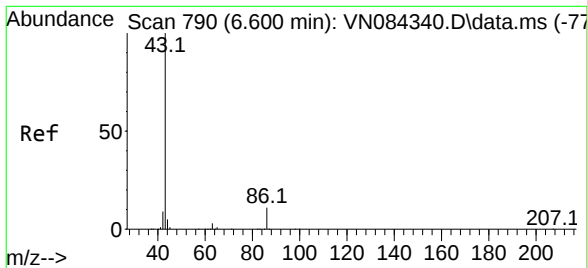
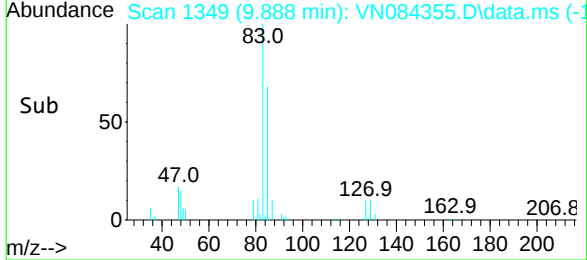
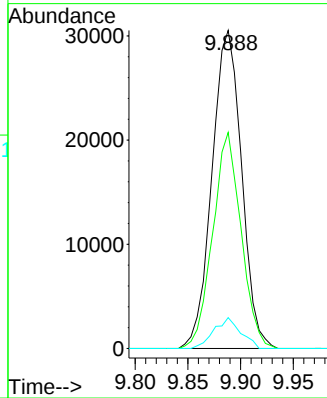
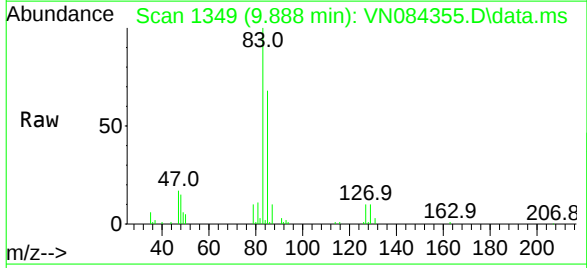
#41
Bromodichloromethane
Concen: 19.714 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.9	47.1	70.7
127	9.7	7.1	10.7

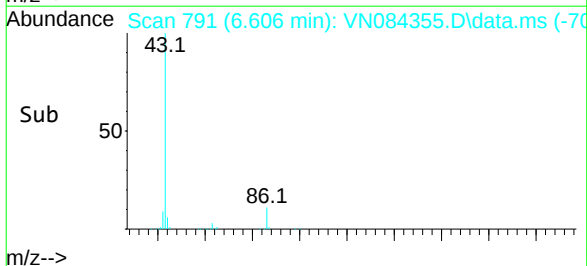
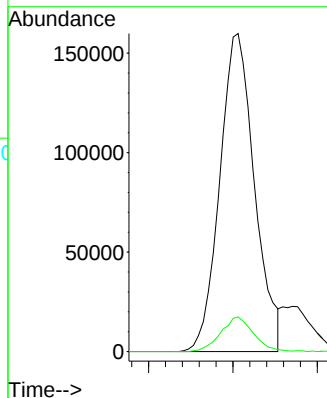
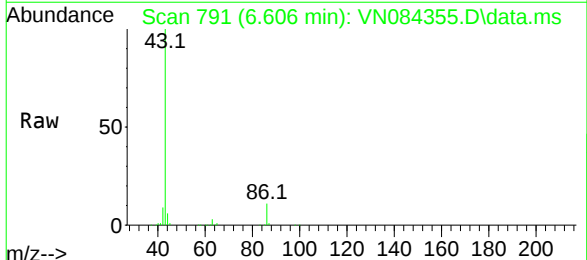
Manual Integrations
APPROVED

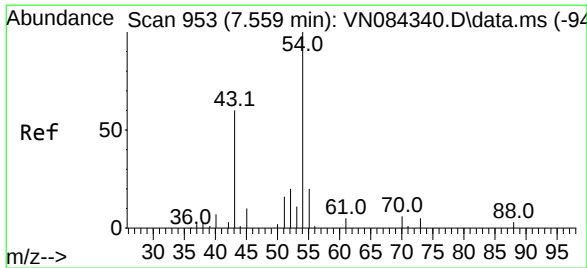
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#42
Vinyl Acetate
Concen: 92.569 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

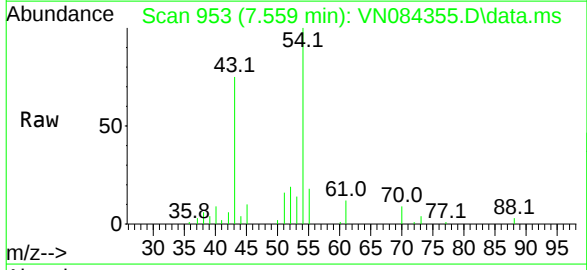
Tgt Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.5	12.7





#43
Ethyl Acetate
Concen: 18.632 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

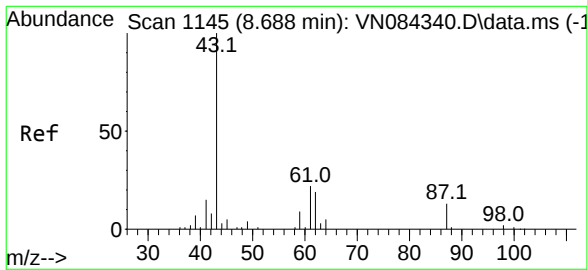
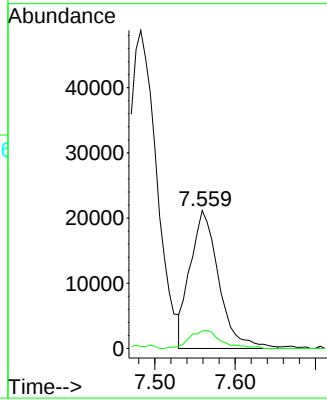
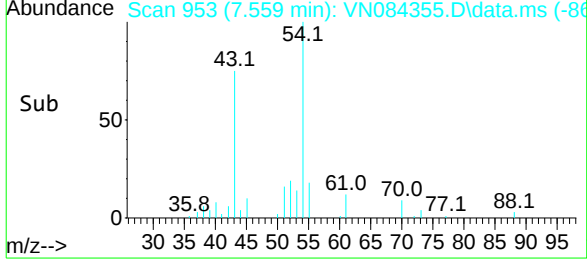
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 52269
Ion Ratio Lower Upper
43 100
45 14.3 10.6 16.0

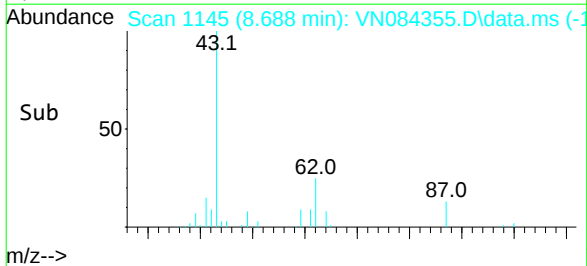
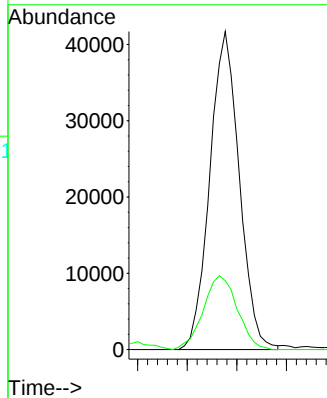
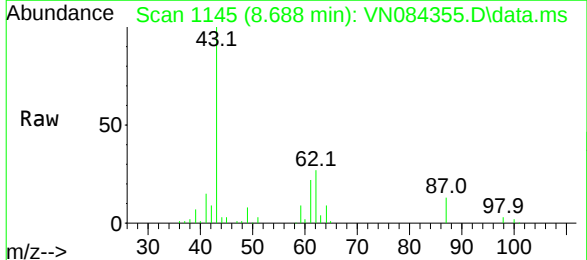
Manual Integrations
APPROVED

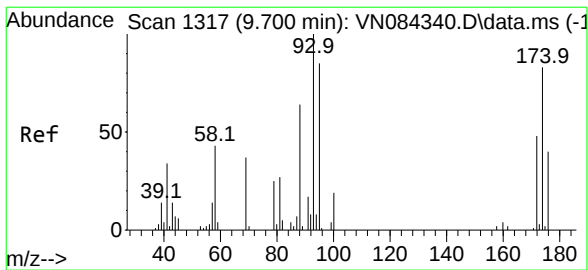
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#44
Isopropyl Acetate
Concen: 18.774 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

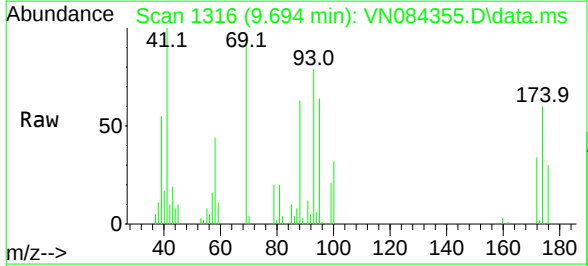
Tgt Ion: 43 Resp: 86201
Ion Ratio Lower Upper
43 100
61 26.7 21.4 32.2





#45
1,4-Dioxane
Concen: 338.358 ug/l
RT: 9.694 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

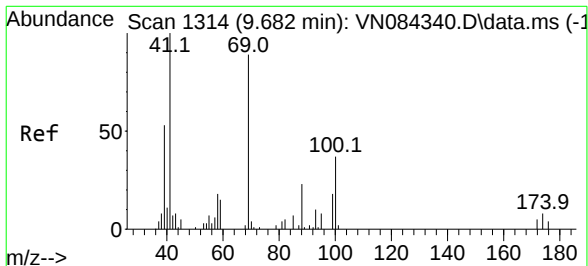
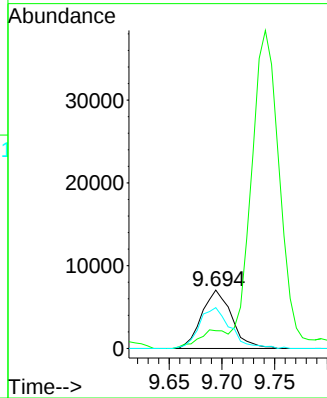
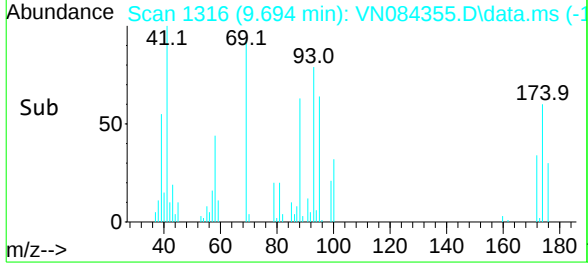
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



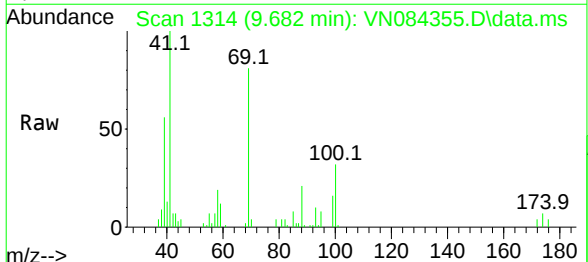
Tgt Ion: 88 Resp: 14005
Ion Ratio Lower Upper
88 100
43 30.6 22.4 33.6
58 72.9 59.7 89.5

Manual Integrations
APPROVED

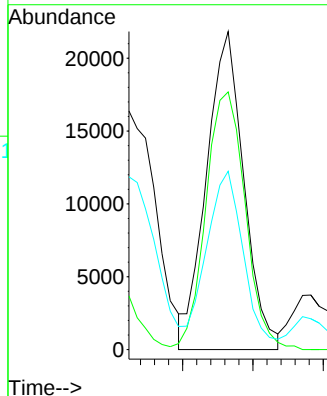
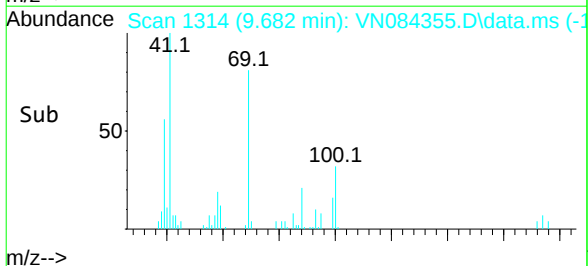
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

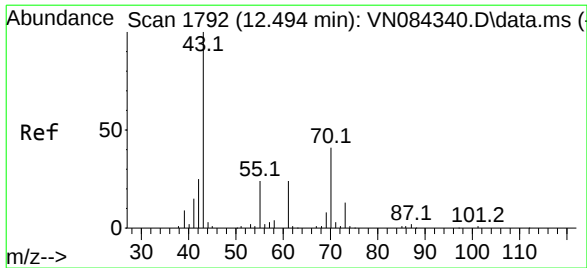


#46
Methyl methacrylate
Concen: 18.198 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40



Tgt Ion: 41 Resp: 40372
Ion Ratio Lower Upper
41 100
69 83.2 42.6 128.0
39 55.5 27.5 82.4





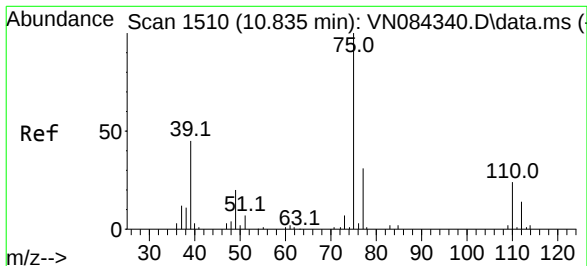
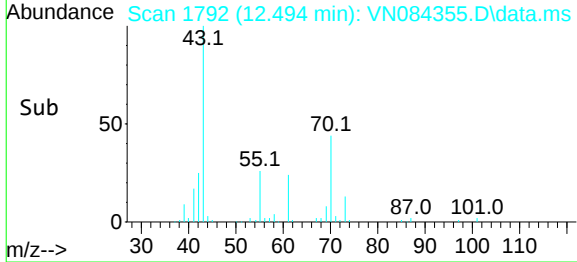
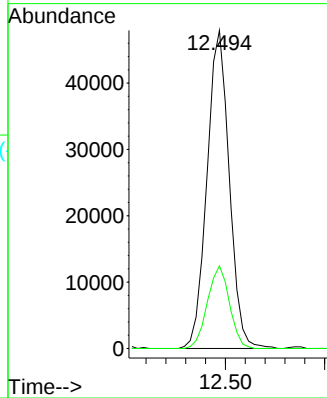
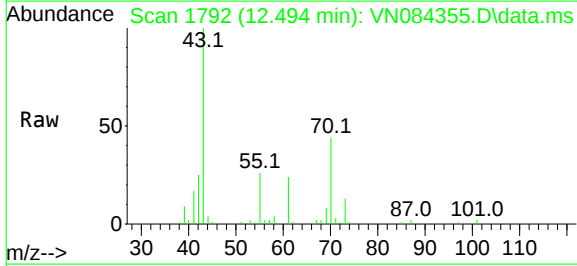
#47
n-amy1 Acetate
Concen: 18.292 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 74707
Ion Ratio Lower Upper
43 100
55 25.6 20.6 31.0

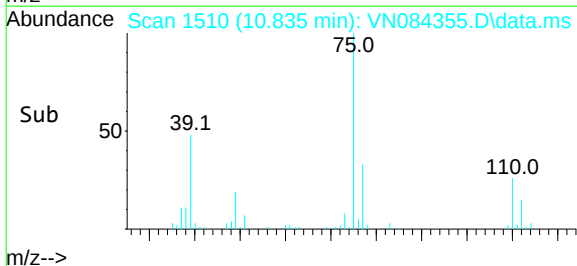
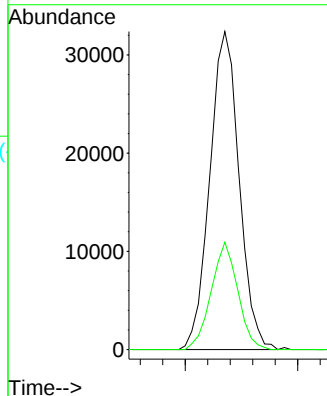
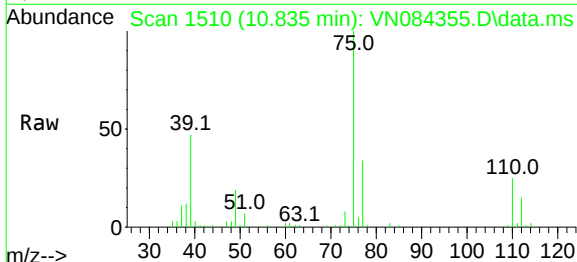
Manual Integrations
APPROVED

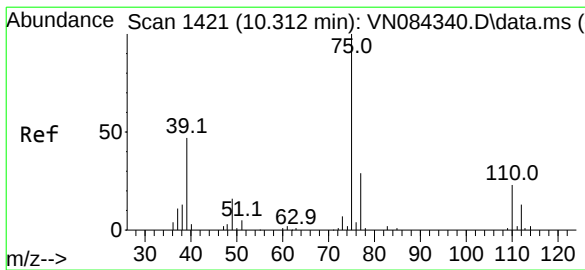
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#48
t-1,3-Dichloropropene
Concen: 18.771 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

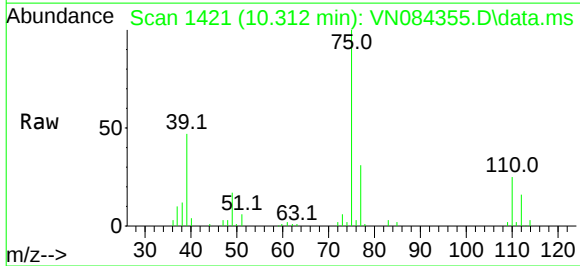
Tgt Ion: 75 Resp: 58691
Ion Ratio Lower Upper
75 100
77 33.8 24.6 37.0





#49
cis-1,3-Dichloropropene
Concen: 19.527 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

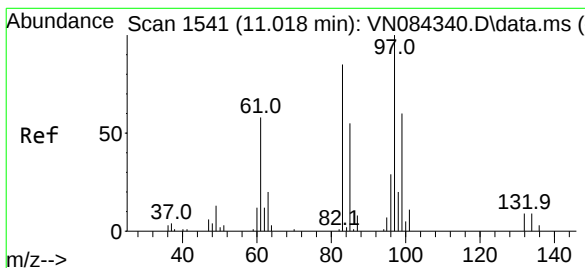
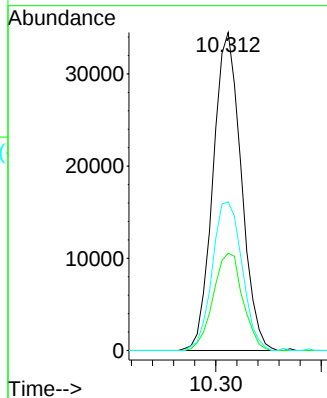
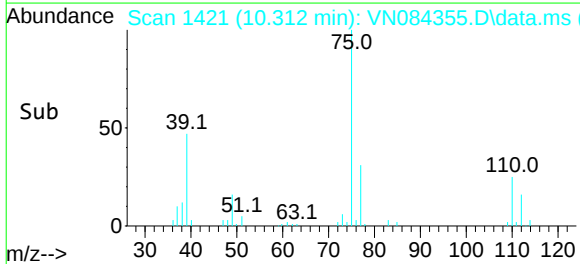
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 63988
Ion Ratio Lower Upper
75 100
77 30.6 22.9 34.3
39 46.7 37.4 56.2

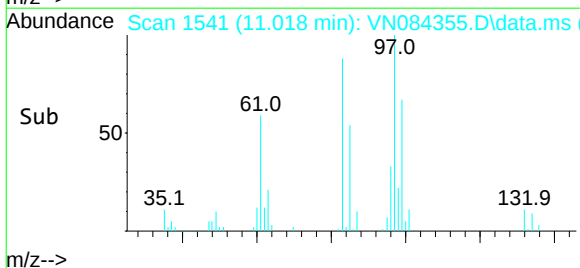
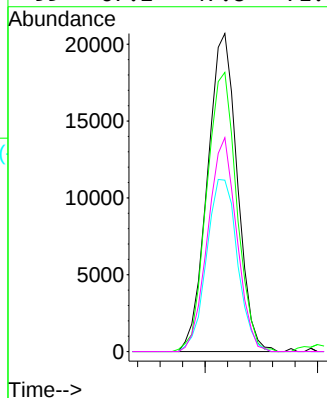
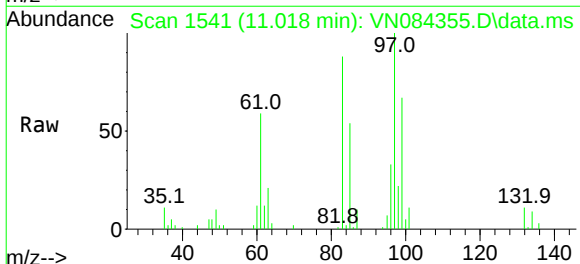
Manual Integrations
APPROVED

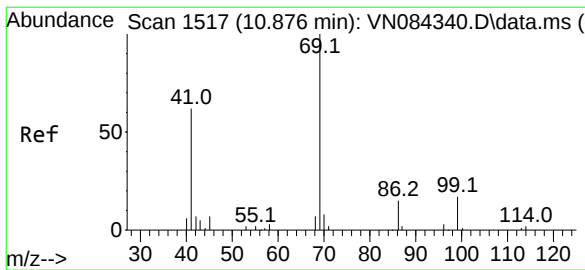
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#50
1,1,2-Trichloroethane
Concen: 19.918 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 97 Resp: 38158
Ion Ratio Lower Upper
97 100
83 87.8 67.8 101.8
85 53.9 44.2 66.2
99 67.2 47.8 71.8





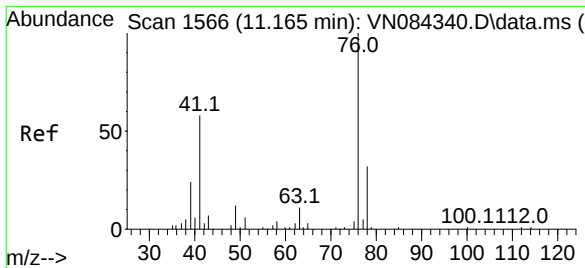
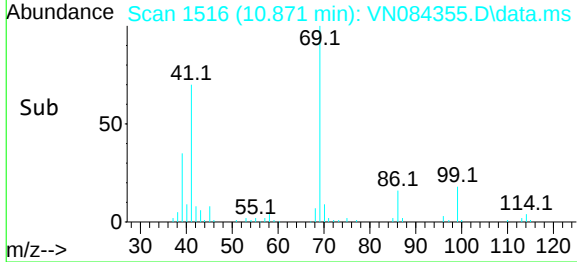
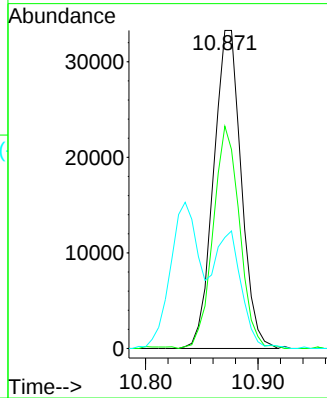
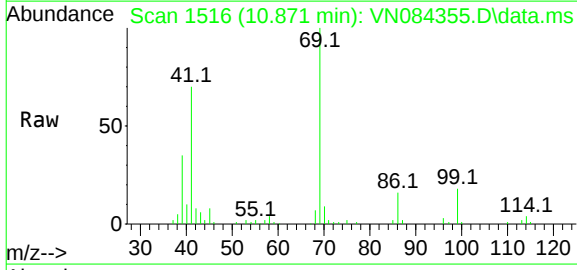
#51
Ethyl methacrylate
Concen: 17.987 ug/l
RT: 10.871 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	69	Resp:	56920
Ion	Ratio	Lower	Upper
69	100		
41	69.9	30.9	92.7
39	34.2	16.6	49.7

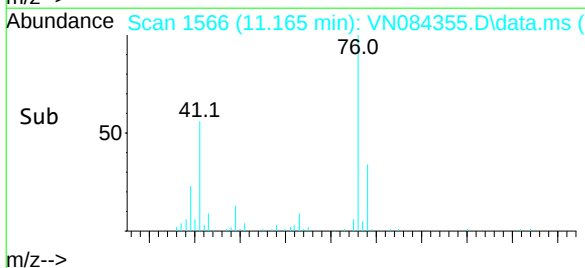
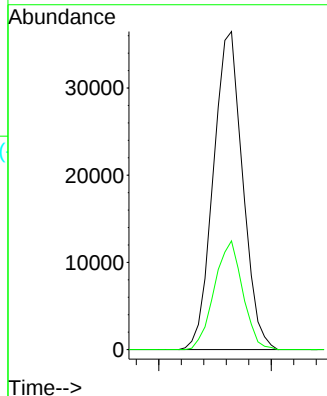
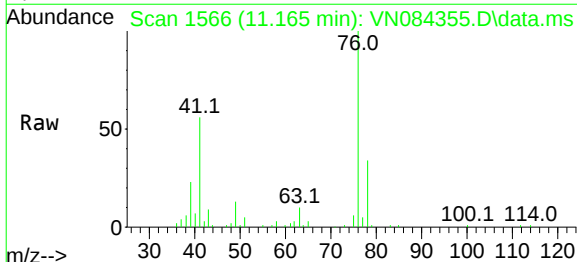
Manual Integrations
APPROVED

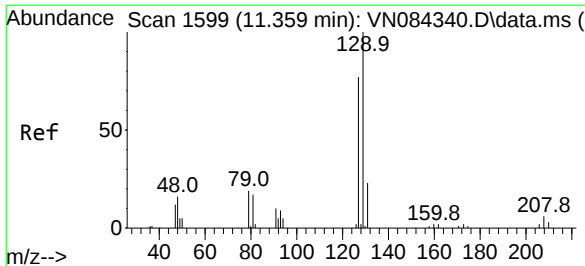
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#52
1,3-Dichloropropane
Concen: 19.703 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion:	76	Resp:	66001
Ion	Ratio	Lower	Upper
76	100		
78	33.0	0.0	64.2





#53

Dibromochloromethane

Concen: 19.250 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:129 Resp: 43566

Ion Ratio Lower Upper

129 100

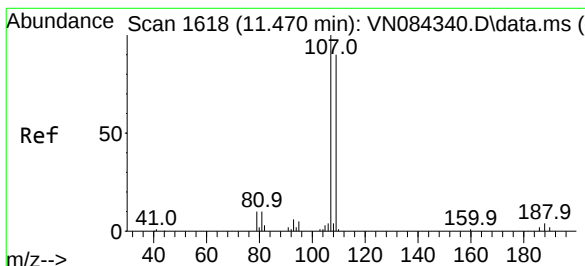
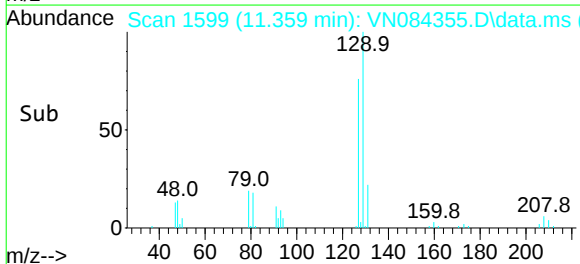
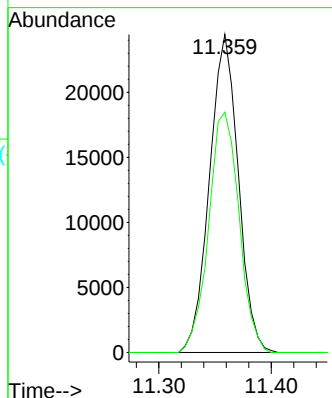
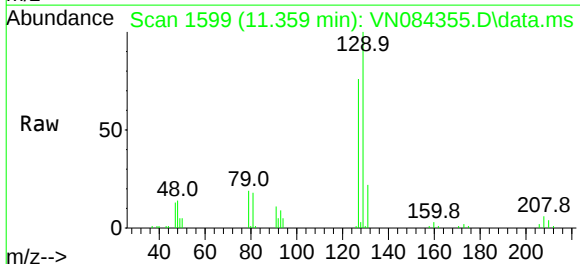
127 79.7 38.5 115.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#54

1,2-Dibromoethane

Concen: 19.221 ug/l

RT: 11.470 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VN084355.D

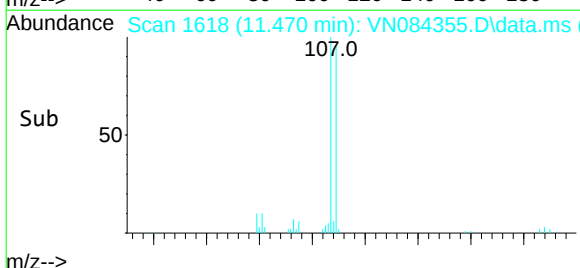
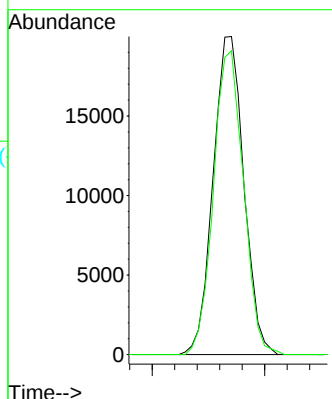
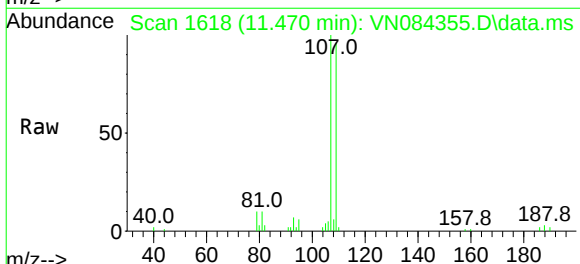
Acq: 08 Oct 2024 17:40

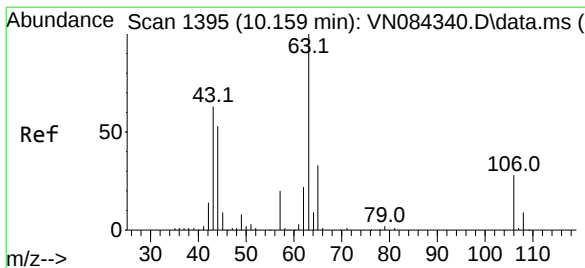
Tgt Ion:107 Resp: 37904

Ion Ratio Lower Upper

107 100

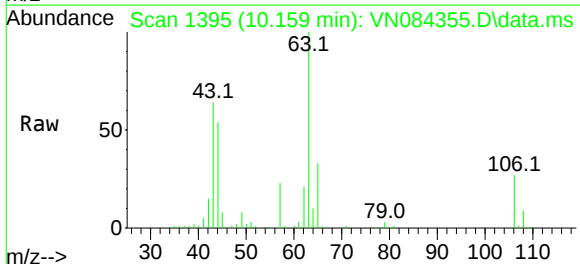
109 93.4 73.8 110.6





#55
2-Chloroethyl vinyl ether
Concen: 92.716 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

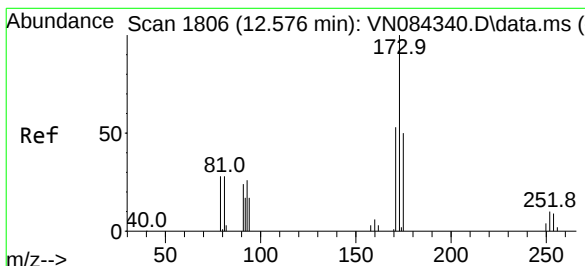
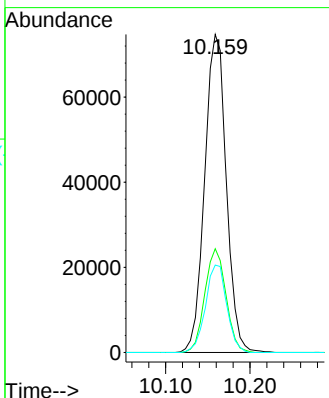
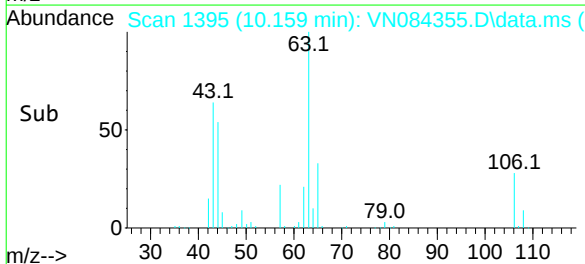
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



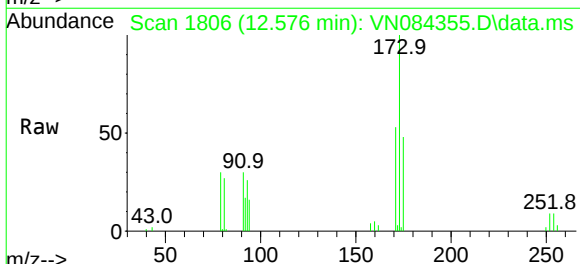
Tgt Ion: 63 Resp: 133068
Ion Ratio Lower Upper
63 100
65 31.8 25.6 38.4
106 27.1 21.6 32.4

Manual Integrations
APPROVED

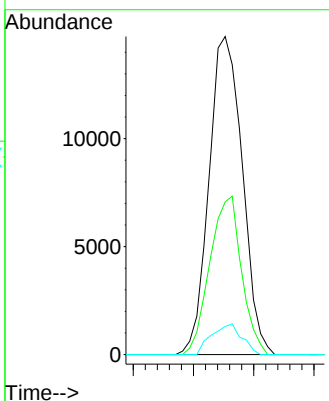
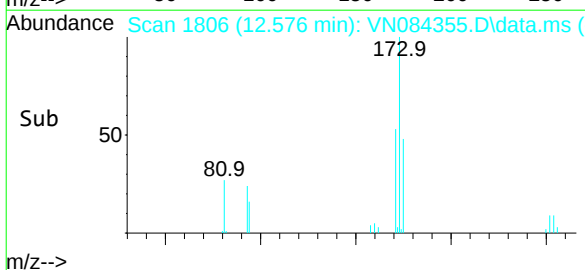
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

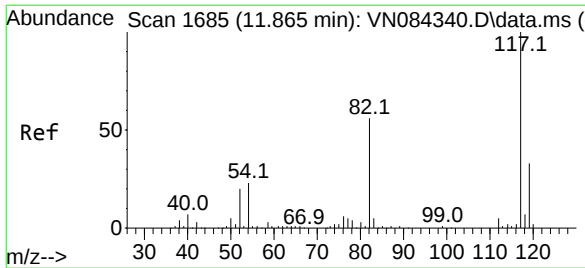


#56
Bromoform
Concen: 18.859 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40



Tgt Ion:173 Resp: 28307
Ion Ratio Lower Upper
173 100
175 47.3 39.4 59.2
254 8.8 6.8 10.2





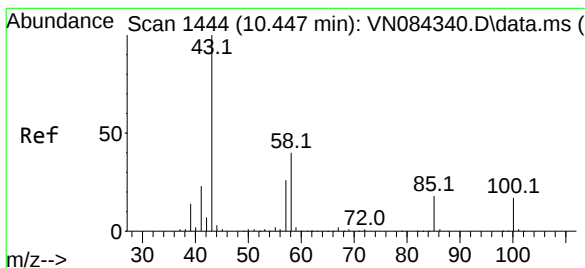
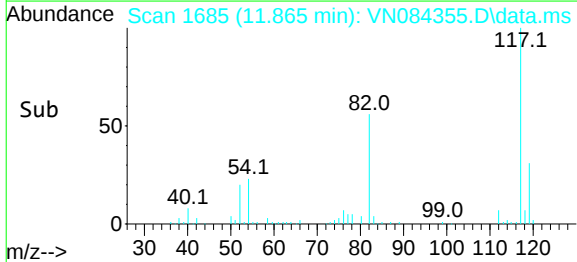
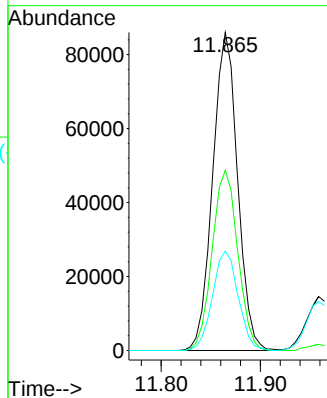
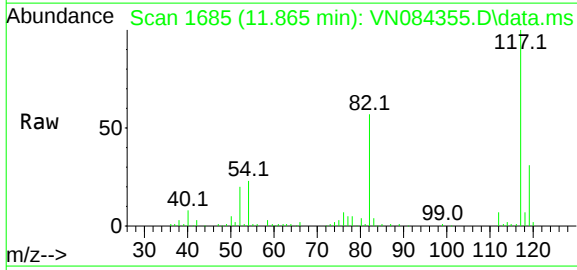
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:	117	Resp:	149621
Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.2	69.4
119	32.3	25.4	38.2

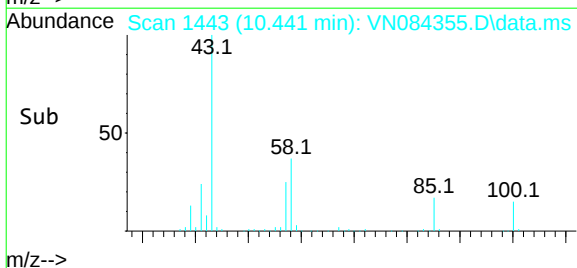
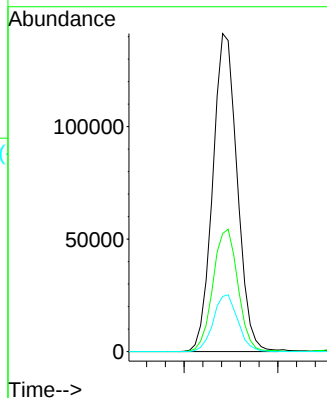
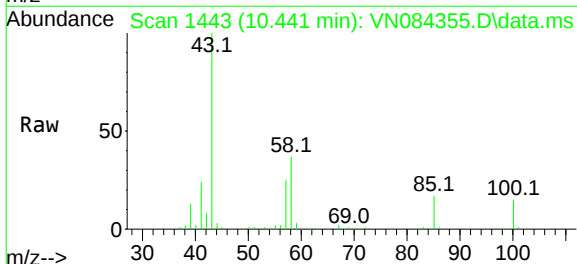
Manual Integrations
APPROVED

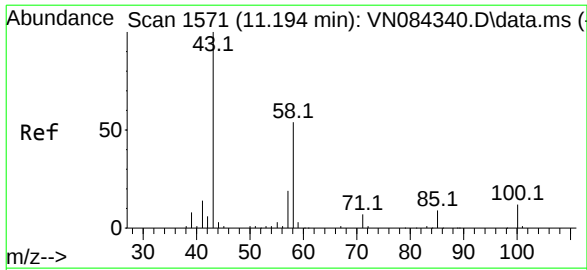
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#58
4-Methyl-2-Pentanone
Concen: 91.903 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion:	43	Resp:	256151
Ion	Ratio	Lower	Upper
43	100		
58	39.3	31.9	47.9
85	17.9	14.6	22.0





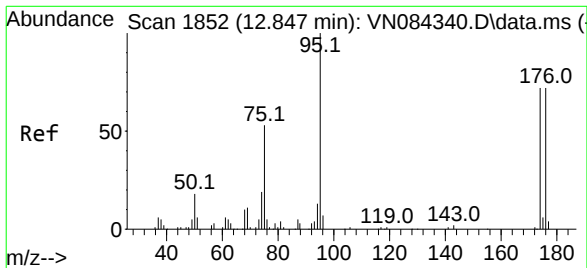
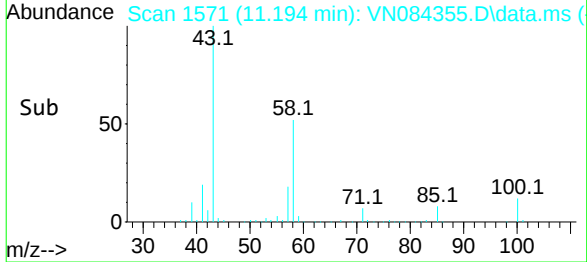
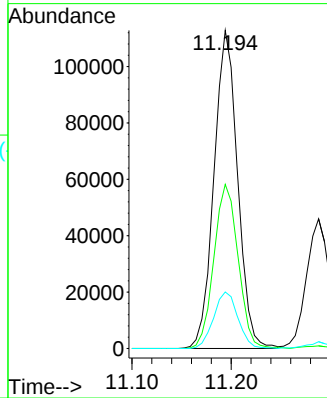
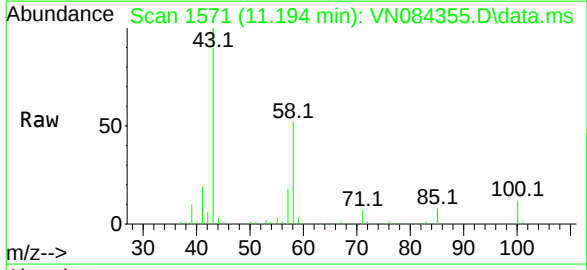
#59
2-Hexanone
Concen: 90.056 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 186516
Ion Ratio Lower Upper
43 100
58 52.9 44.0 66.0
57 18.3 15.4 23.2

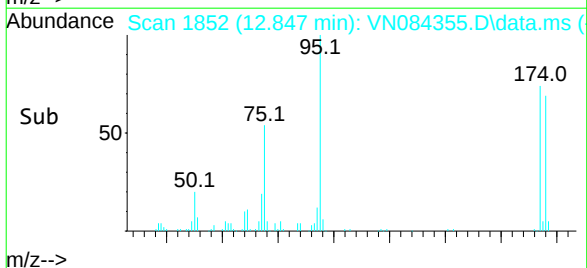
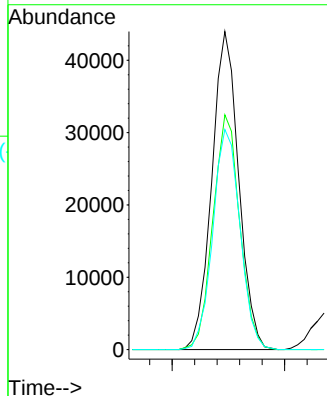
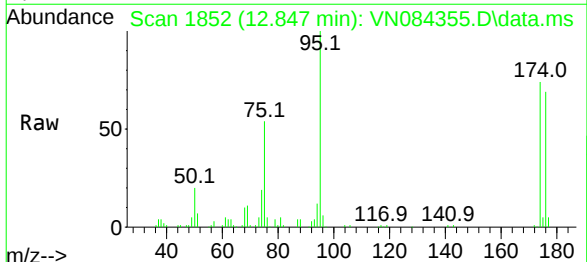
Manual Integrations
APPROVED

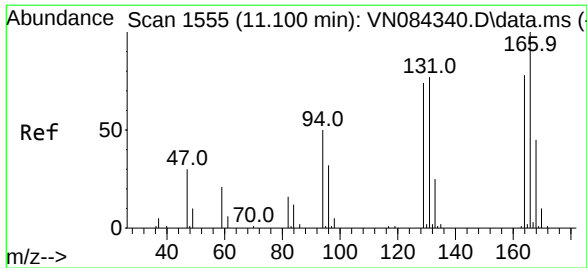
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#60
4-Bromofluorobenzene
Concen: 29.600 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

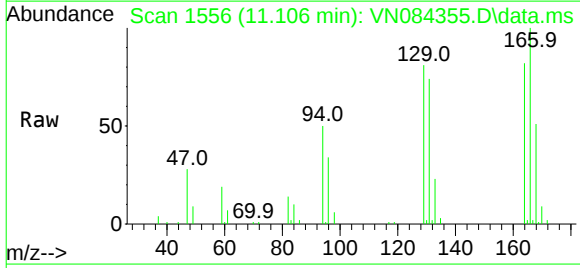
Tgt Ion: 95 Resp: 73092
Ion Ratio Lower Upper
95 100
174 73.4 58.2 87.2
176 70.0 56.4 84.6





#61
Tetrachloroethene
Concen: 19.450 ug/l
RT: 11.106 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

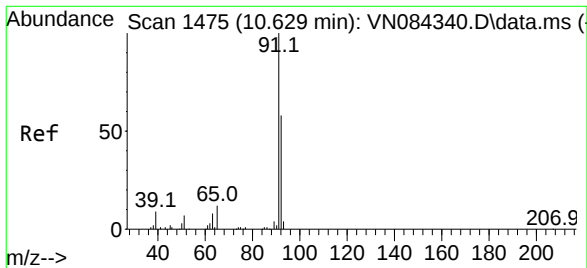
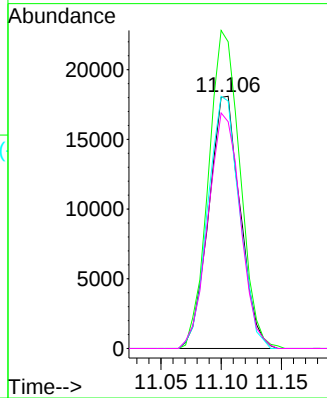
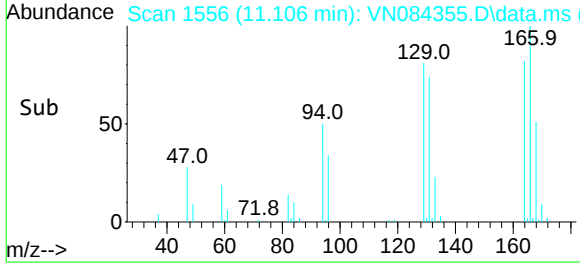
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 164 Resp: 32918
Ion Ratio Lower Upper
164 100
166 121.6 102.5 153.7
129 98.1 75.7 113.5
131 89.9 78.2 117.4

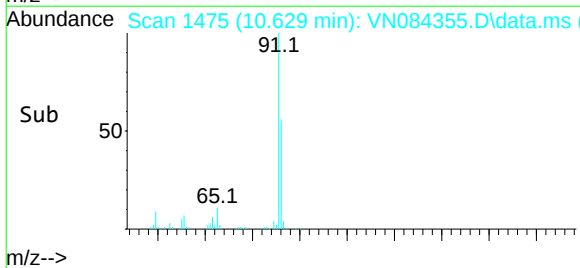
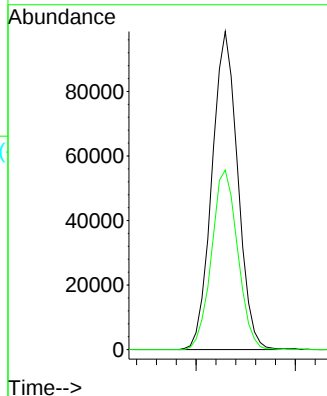
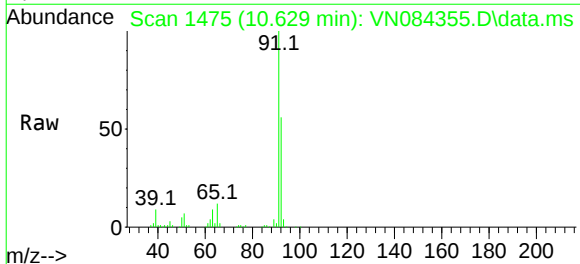
Manual Integrations
APPROVED

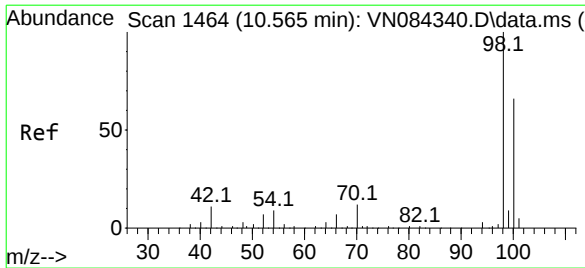
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#62
Toluene
Concen: 20.335 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion: 91 Resp: 178118
Ion Ratio Lower Upper
91 100
92 57.0 47.2 70.8





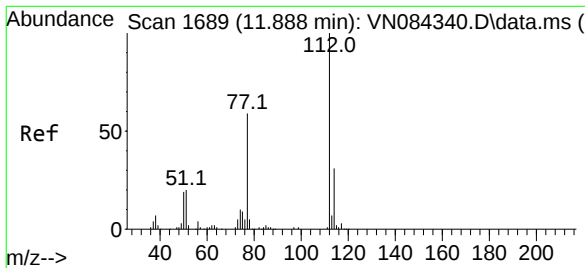
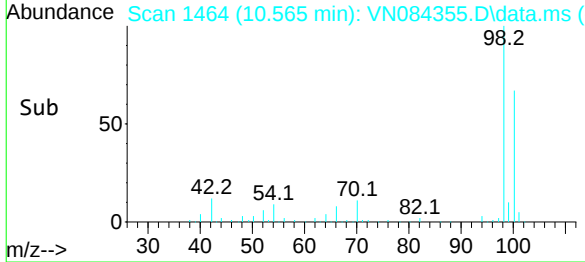
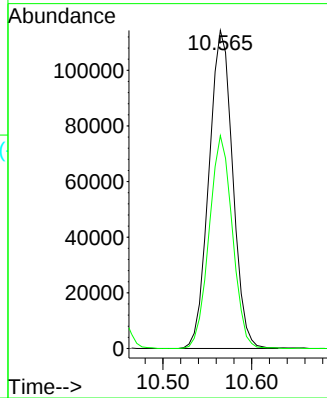
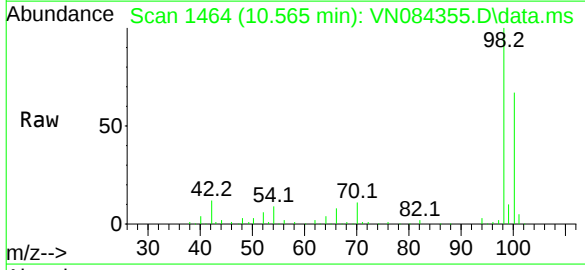
#63
Toluene-d8
Concen: 30.742 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 213083
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

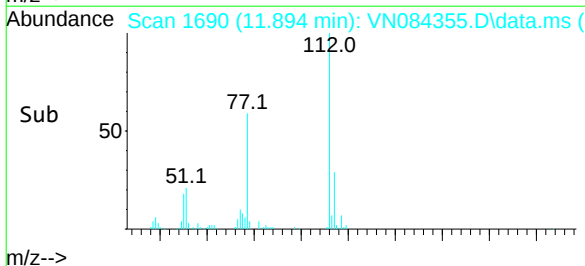
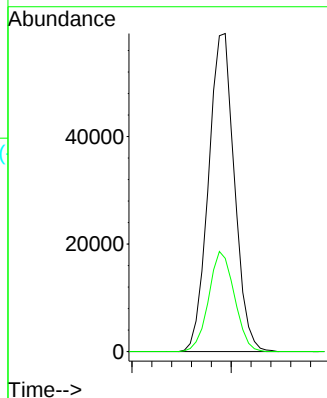
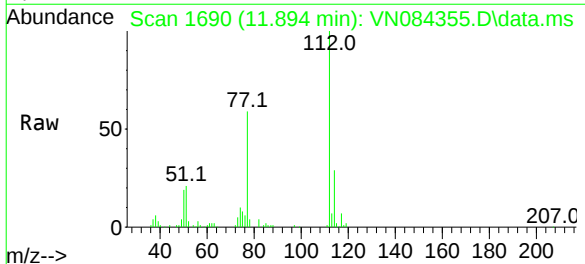
Manual Integrations
APPROVED

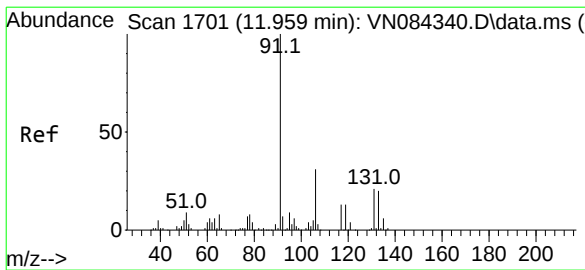
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#64
Chlorobenzene
Concen: 19.687 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion:112 Resp: 107308
Ion Ratio Lower Upper
112 100
114 29.3 25.1 37.7





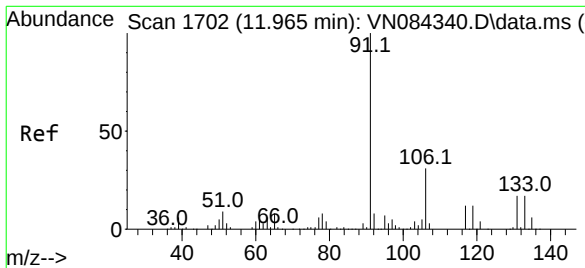
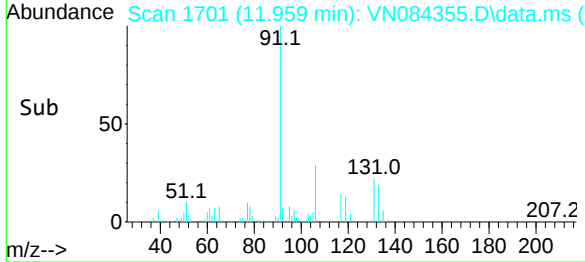
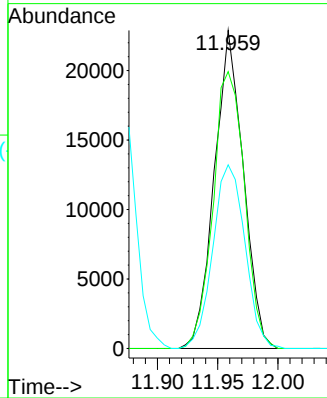
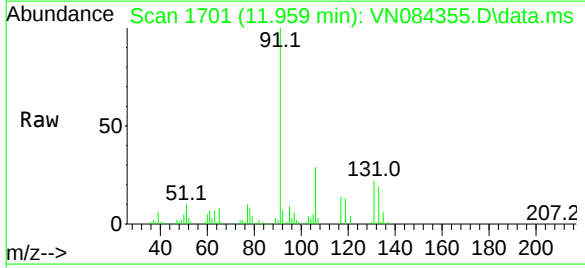
#65
1,1,1,2-Tetrachloroethane
Concen: 20.212 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument : MSVOA_N
ClientSampleId : VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	0.0	190.4
119	64.0	0.0	130.0

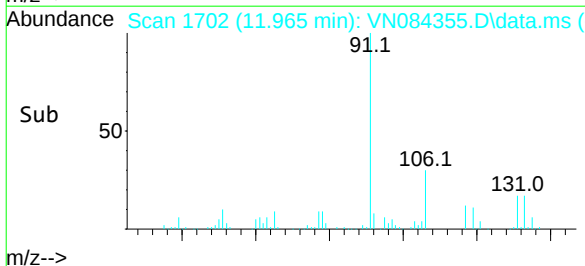
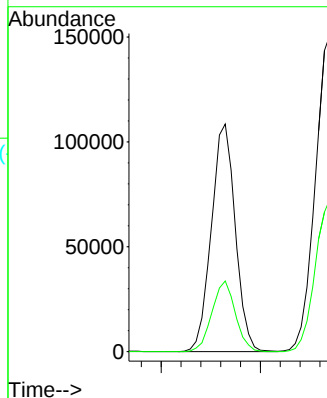
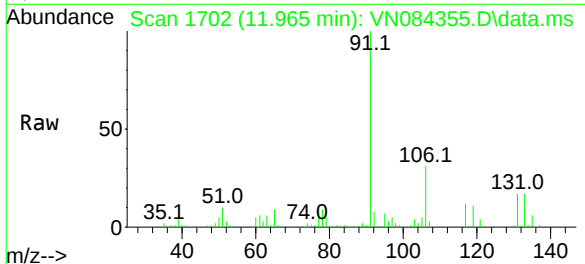
Manual Integrations
APPROVED

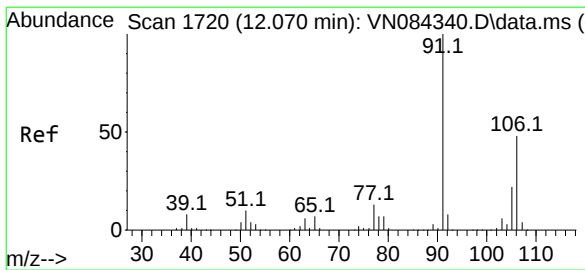
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#66
Ethyl Benzene
Concen: 19.106 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.2	37.8





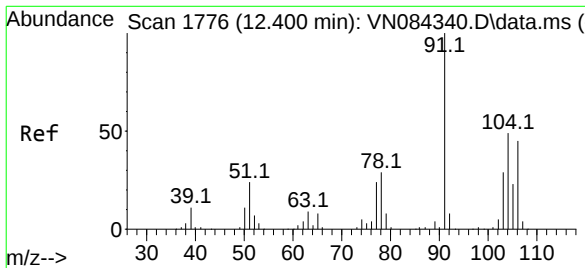
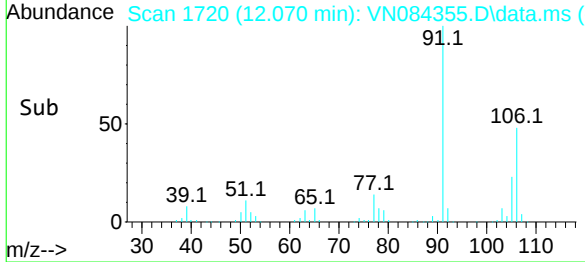
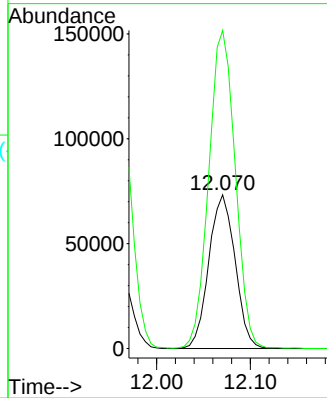
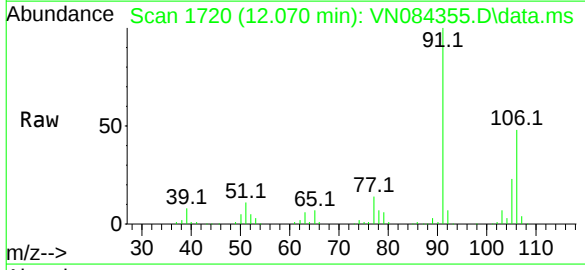
#67
m/p-Xylenes
Concen: 39.605 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 142977
Ion Ratio Lower Upper
106 100
91 208.5 166.7 250.1

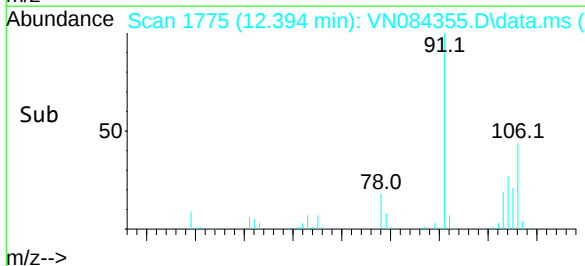
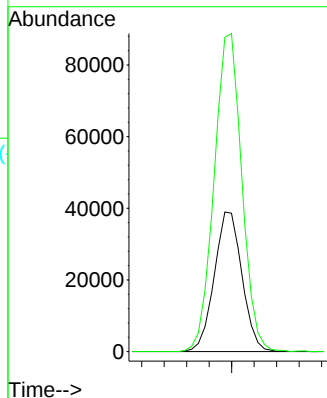
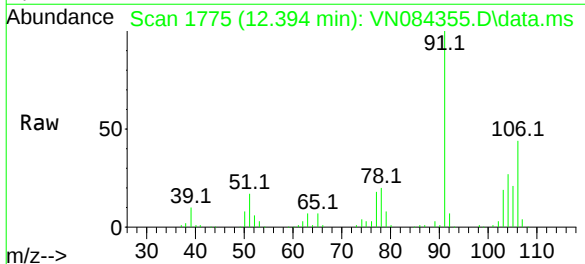
Manual Integrations
APPROVED

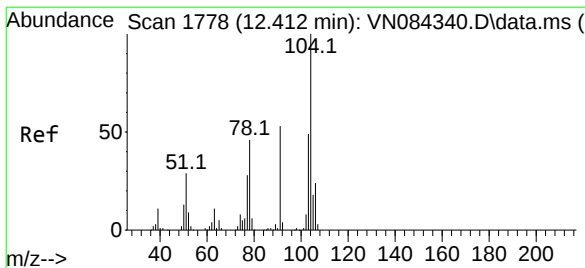
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#68
o-Xylene
Concen: 19.150 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion:106 Resp: 66635
Ion Ratio Lower Upper
106 100
91 227.9 110.9 332.9





#69

Styrene

Concen: 19.314 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

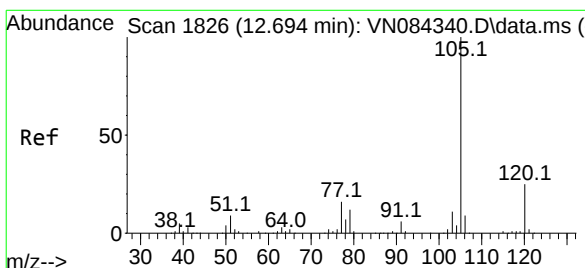
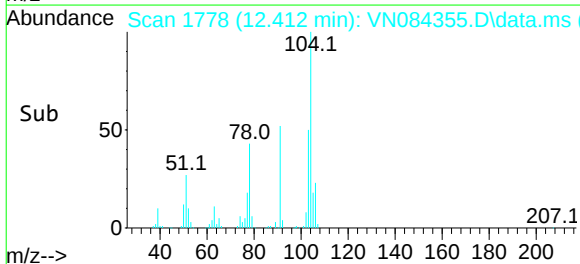
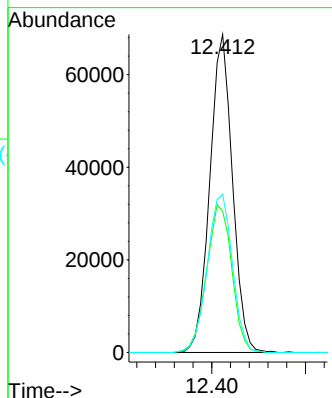
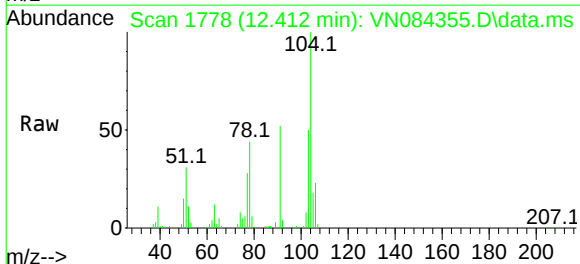
Tgt Ion:	104	Resp:	115373
Ion Ratio	Lower	Upper	
104	100		
78	51.9	41.6	62.4
103	55.3	44.4	66.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#70

Isopropylbenzene

Concen: 18.927 ug/l

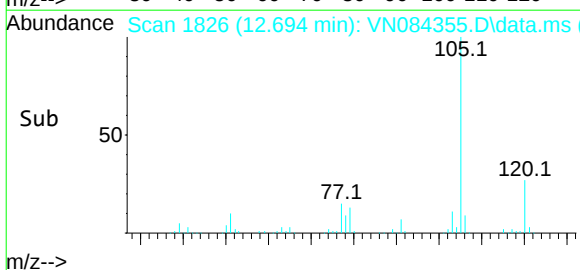
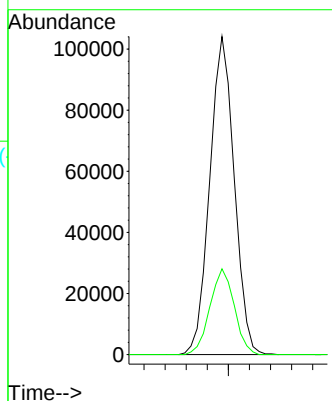
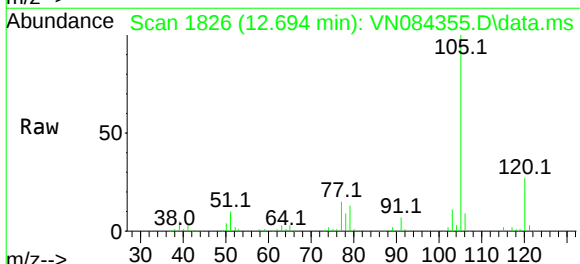
RT: 12.694 min Scan# 1826

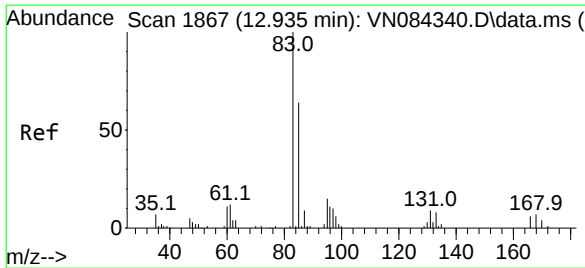
Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

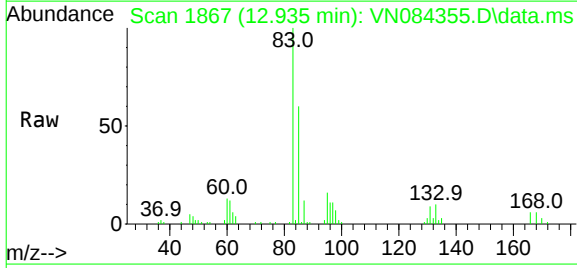
Tgt Ion:	105	Resp:	168131
Ion Ratio	Lower	Upper	
105	100		
120	26.7	17.4	32.4





#71
1,1,2,2-Tetrachloroethane
Concen: 19.704 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

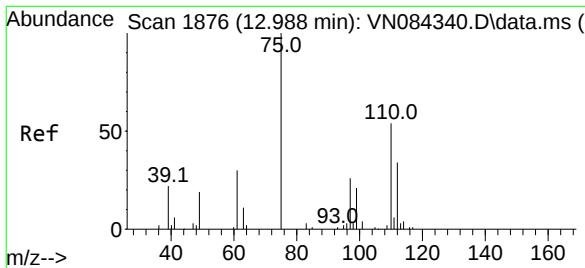
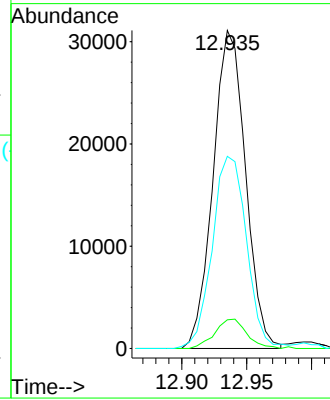
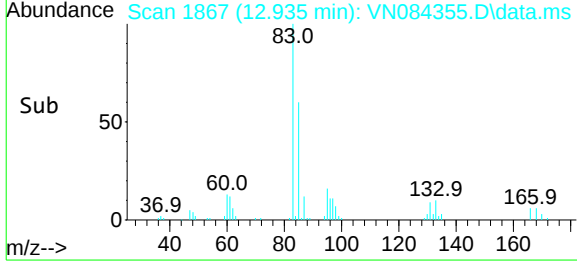
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.1	5.1	15.3
85	63.3	32.0	96.2

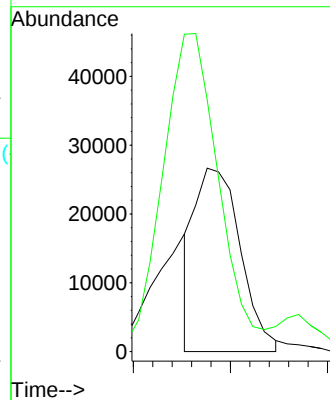
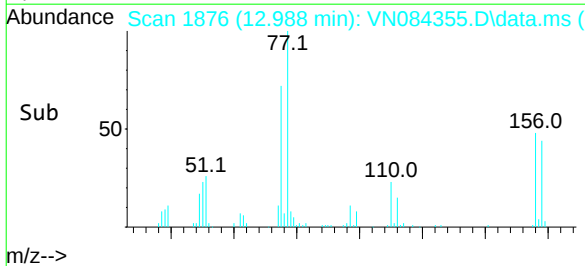
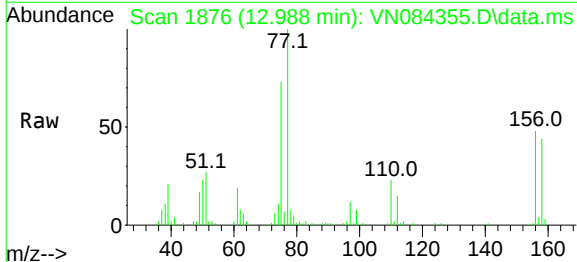
Manual Integrations
APPROVED

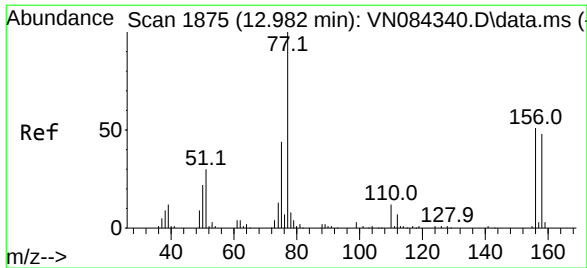
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#72
1,2,3-Trichloropropane
Concen: 18.433 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	214.7	0.0	414.0





#73

Bromobenzene

Concen: 19.655 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

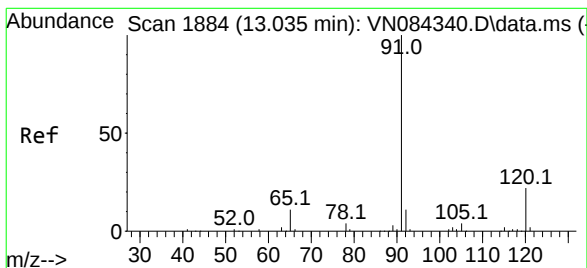
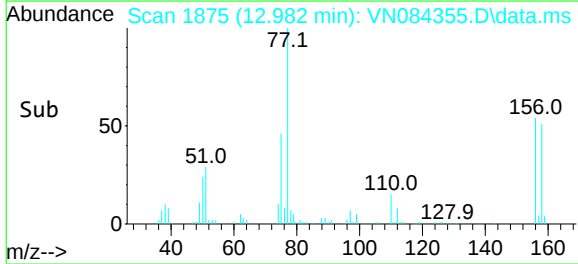
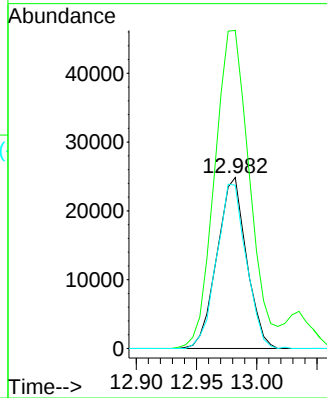
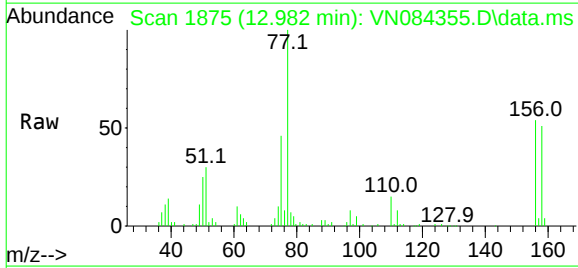
Tgt Ion:	156	Resp:	42285
Ion Ratio	Lower	Upper	
156	100		
77	220.2	0.0	451.0
158	96.5	0.0	194.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#74

n-propylbenzene

Concen: 19.202 ug/l

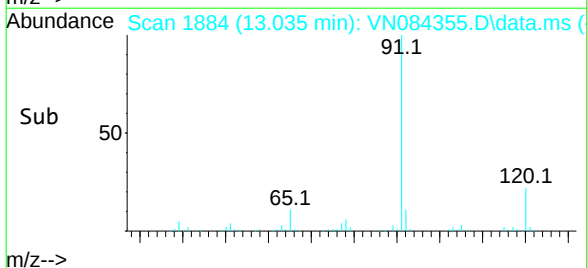
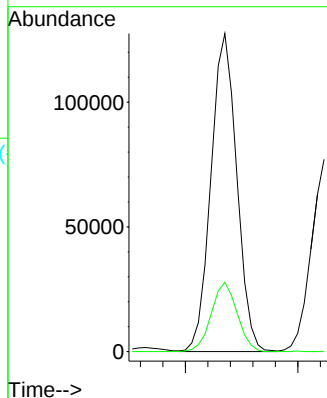
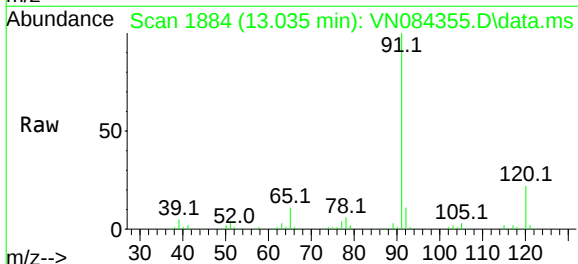
RT: 13.035 min Scan# 1884

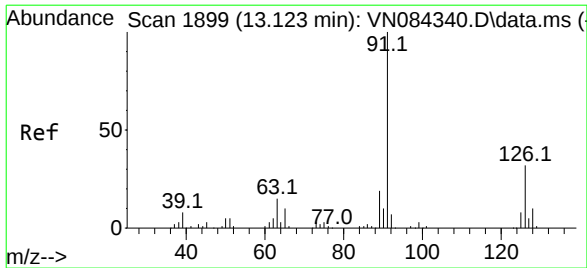
Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

Tgt Ion:	91	Resp:	203271
Ion Ratio	Lower	Upper	
91	100		
120	21.8	0.0	43.2





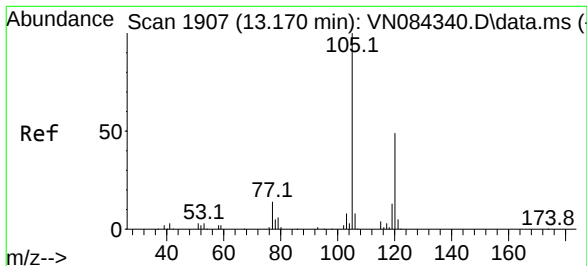
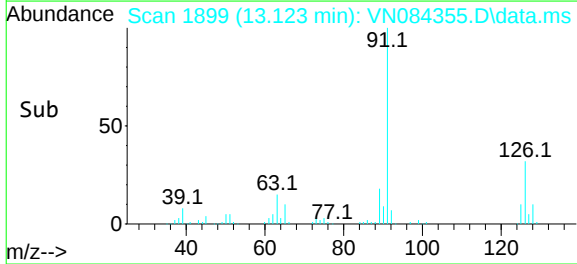
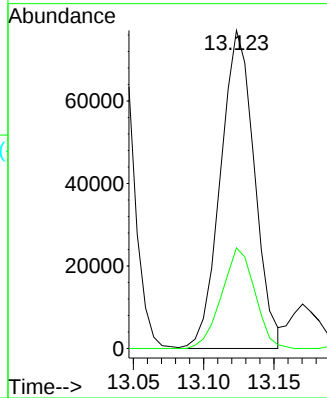
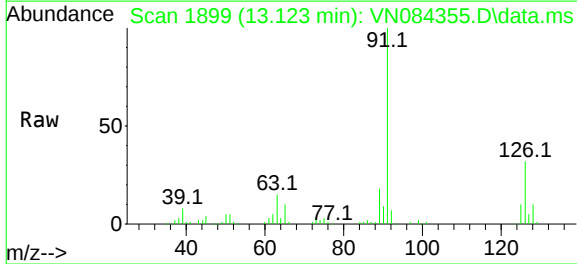
#75
2-Chlorotoluene
Concen: 19.641 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 129200
Ion Ratio Lower Upper
91 100
126 30.9 0.0 64.0

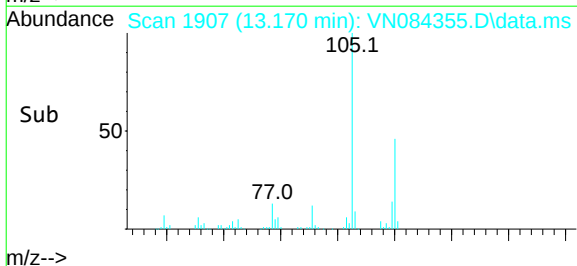
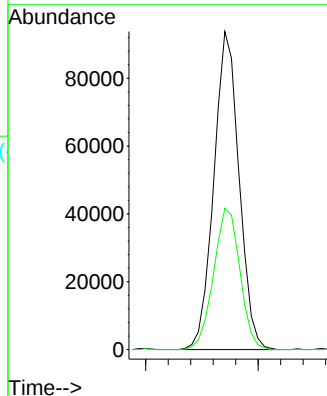
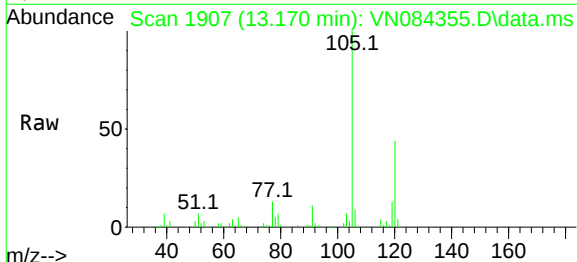
Manual Integrations
APPROVED

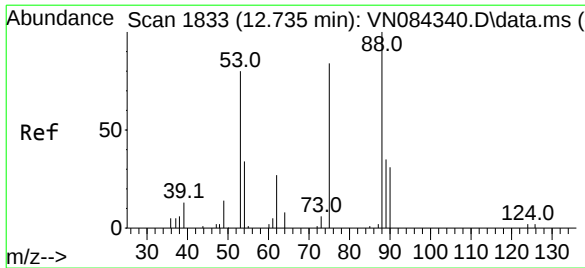
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.514 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion:105 Resp: 145959
Ion Ratio Lower Upper
105 100
120 46.4 0.0 94.4





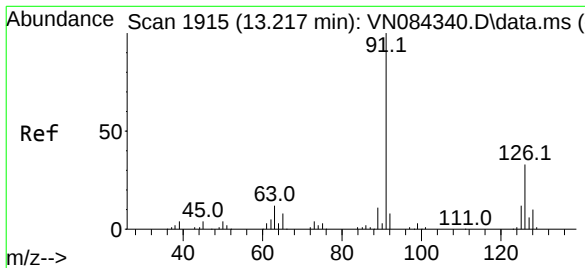
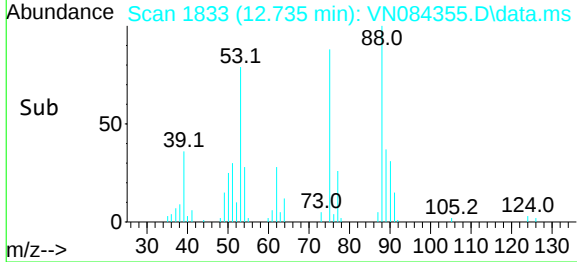
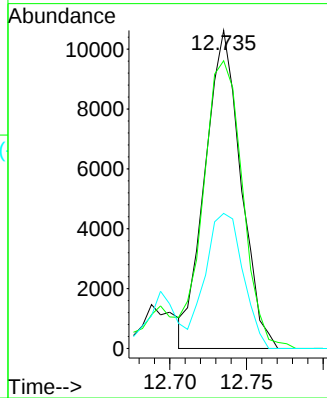
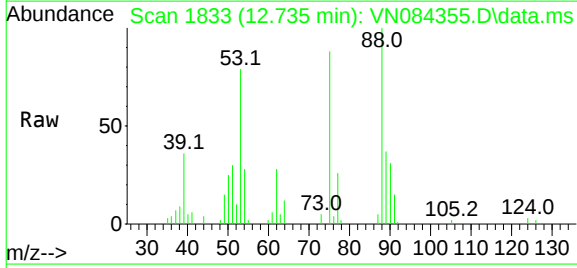
#77
t-1,4-Dichloro-2-butene
Concen: 17.164 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	88.5	47.3	142.0
89	42.5	22.9	68.8

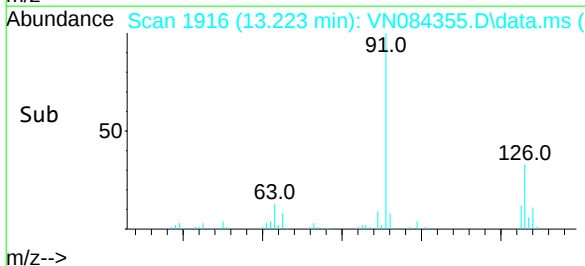
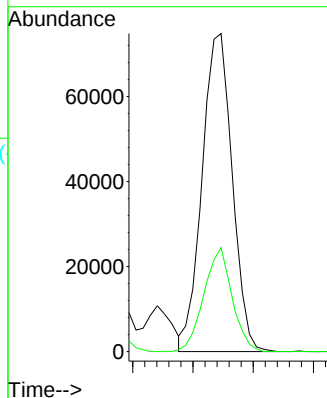
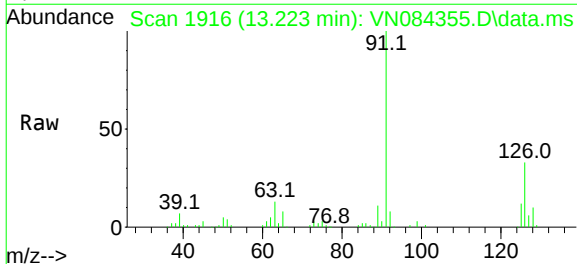
Manual Integrations
APPROVED

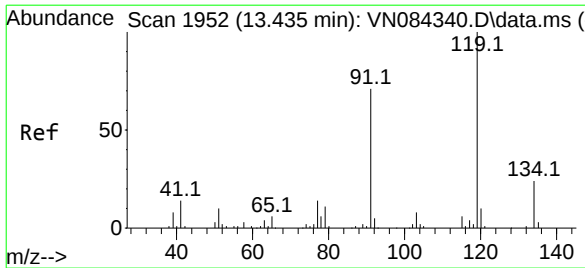
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#78
4-Chlorotoluene
Concen: 19.450 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	0.0	62.4





#79
tert-butylbenzene
Concen: 18.951 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :

MSVOA_N

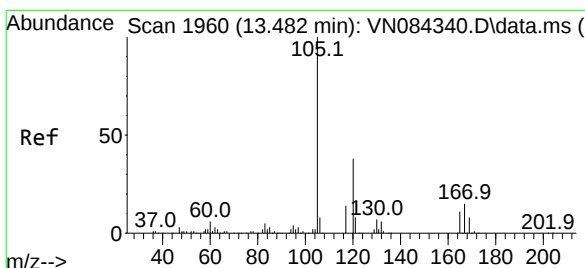
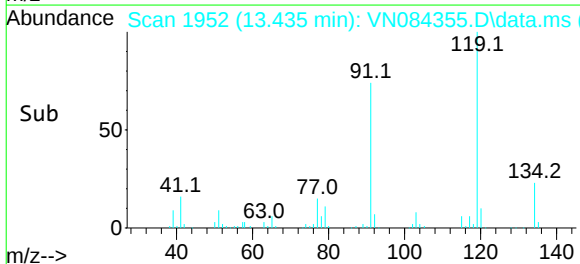
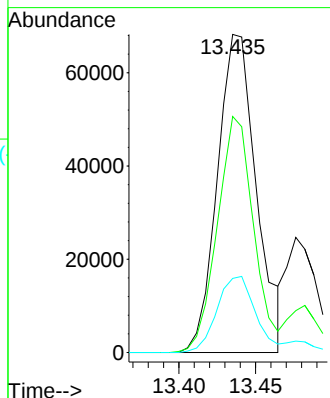
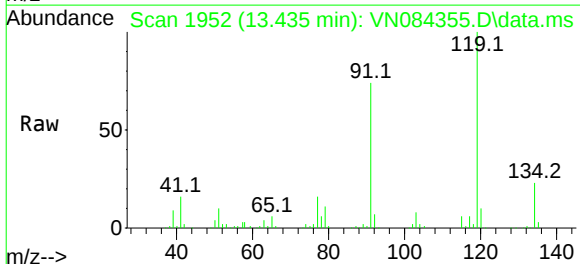
ClientSampleId :

VSTDCCC020EC

Tgt Ion:119 Resp: 120931
Ion Ratio Lower Upper
119 100
91 68.8 0.0 138.0
134 23.4 0.0 48.8

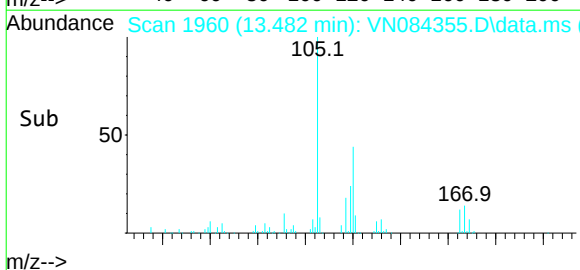
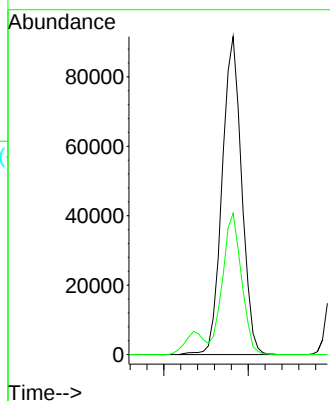
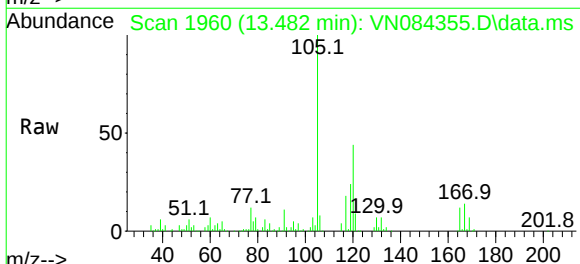
Manual Integrations
APPROVED

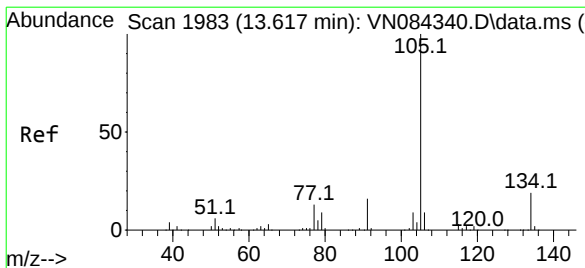
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#80
1,2,4-Trimethylbenzene
Concen: 19.408 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion:105 Resp: 147293
Ion Ratio Lower Upper
105 100
120 43.1 0.0 88.8





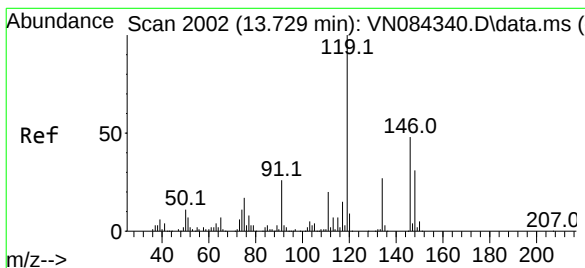
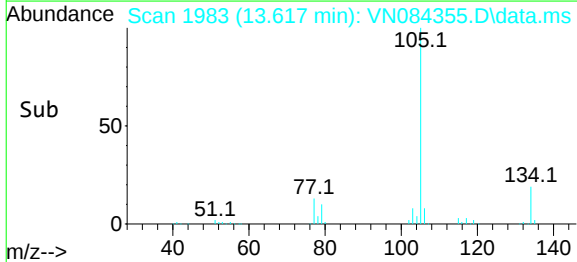
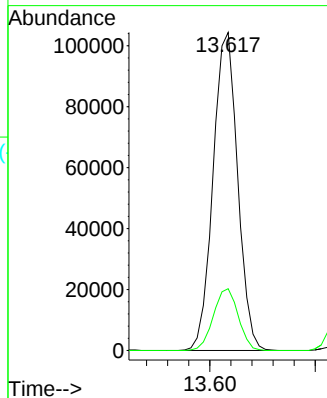
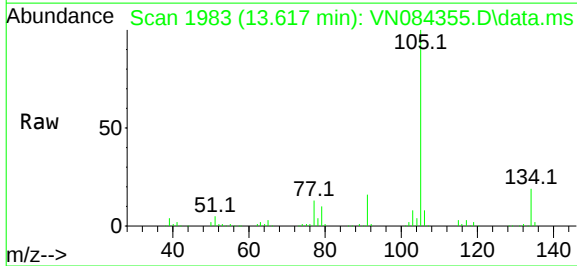
#81
sec-Butylbenzene
Concen: 19.234 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:105 Resp: 168977
Ion Ratio Lower Upper
105 100
134 19.6 0.0 38.0

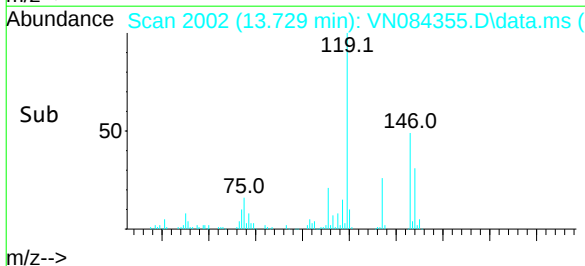
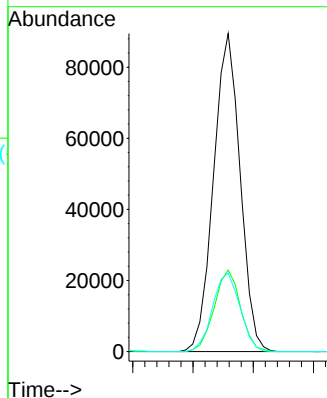
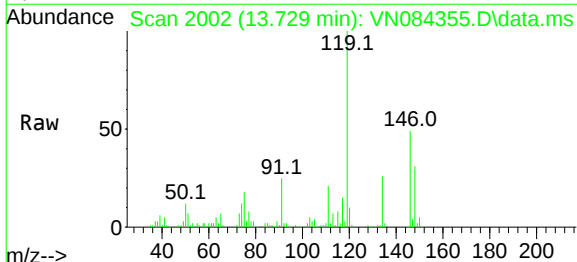
Manual Integrations
APPROVED

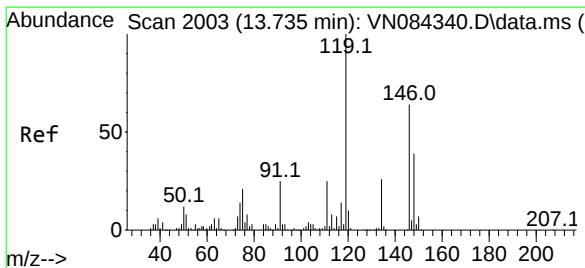
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#82
p-Isopropyltoluene
Concen: 18.560 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

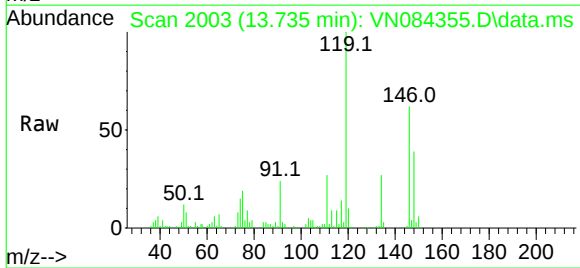
Tgt Ion:119 Resp: 137240
Ion Ratio Lower Upper
119 100
134 25.4 0.0 50.2
91 25.5 0.0 50.6





#83
1,3-Dichlorobenzene
Concen: 19.297 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

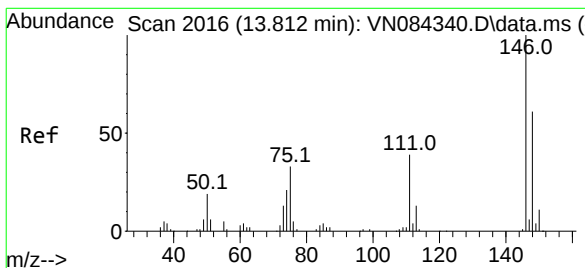
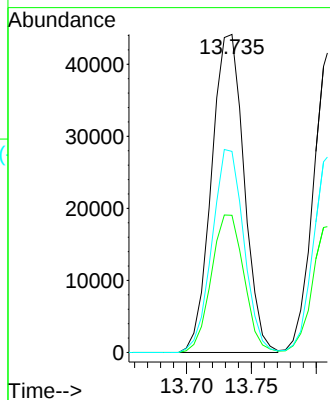
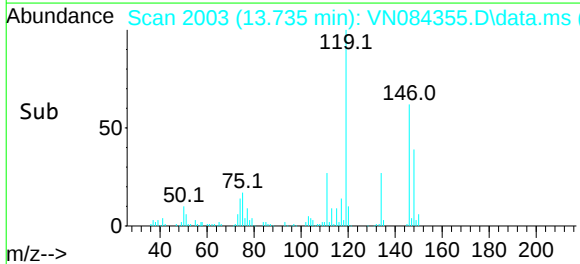
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



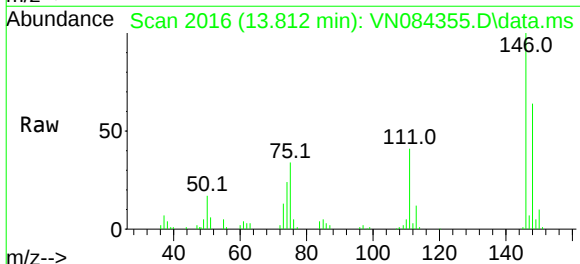
Tgt Ion:146 Resp: 77193
Ion Ratio Lower Upper
146 100
111 43.3 20.6 61.9
148 62.2 31.6 94.7

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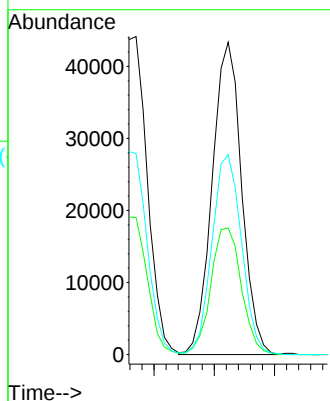
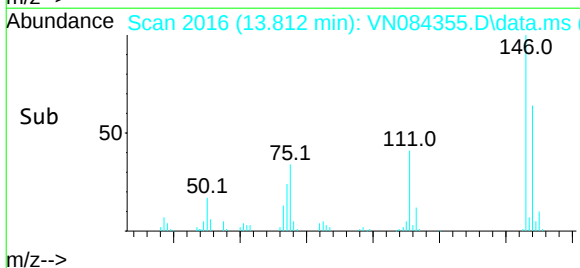
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

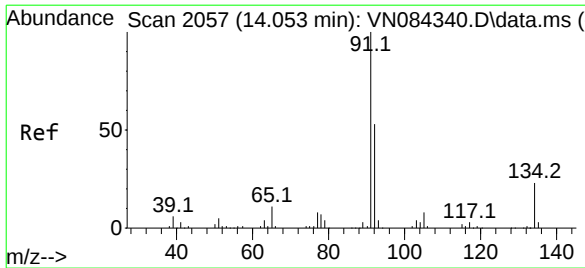


#84
1,4-Dichlorobenzene
Concen: 18.542 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40



Tgt Ion:146 Resp: 73656
Ion Ratio Lower Upper
146 100
111 42.0 20.5 61.5
148 64.4 32.5 97.4





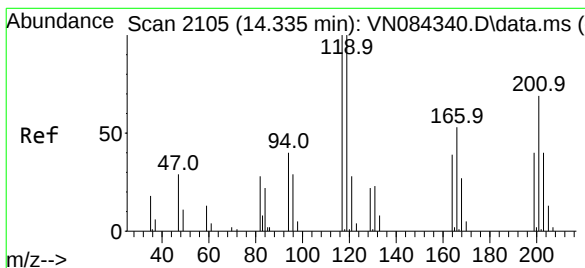
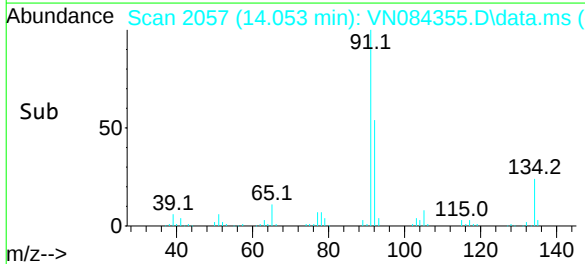
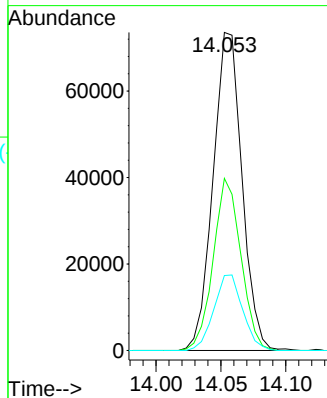
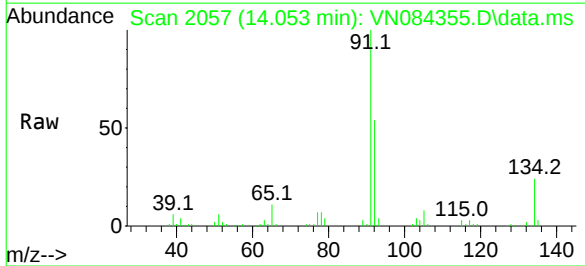
#85
n-Butylbenzene
Concen: 17.816 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 114099
Ion Ratio Lower Upper
91 100
92 51.8 0.0 103.4
134 23.7 0.0 48.0

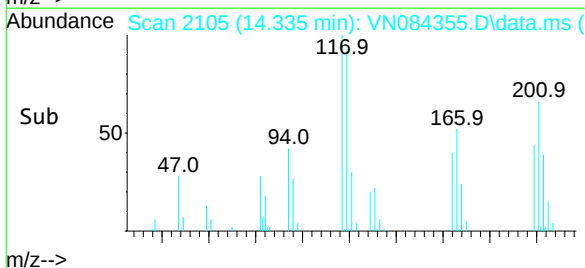
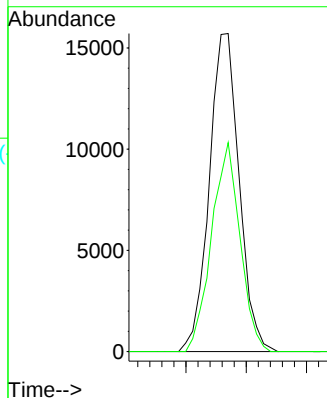
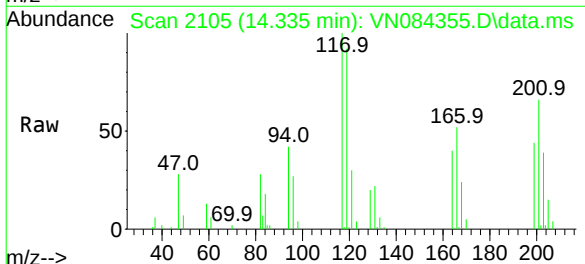
Manual Integrations
APPROVED

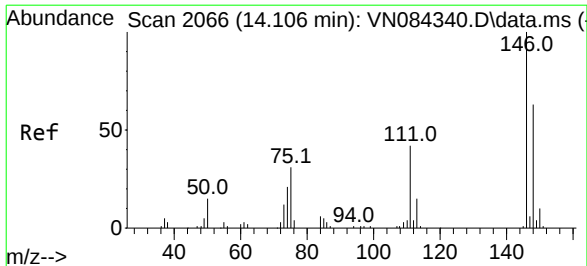
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024



#86
Hexachloroethane
Concen: 19.002 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion:117 Resp: 27070
Ion Ratio Lower Upper
117 100
201 62.4 33.9 101.6





#87

1,2-Dichlorobenzene

Concen: 19.082 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

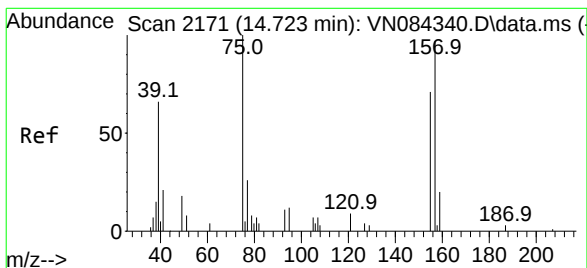
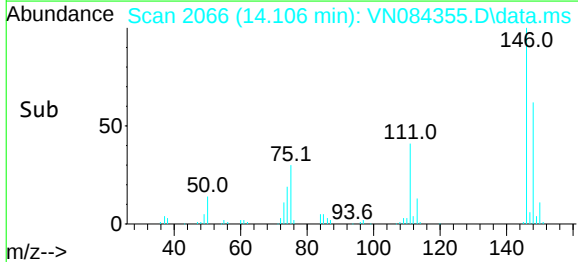
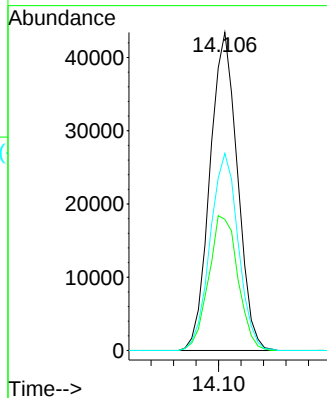
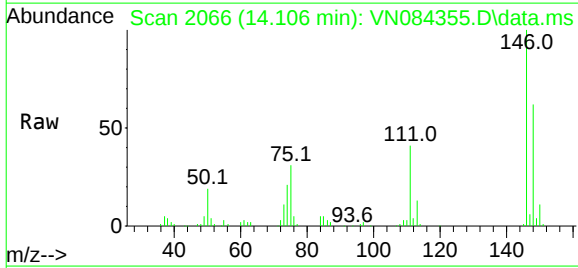
Tgt Ion:	146	Resp:	73802
Ion Ratio	Lower	Upper	
146	100		
111	45.0	21.9	65.5
148	63.2	31.1	93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2024

Supervised By :Mahesh Dadoda 10/09/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.430 ug/l

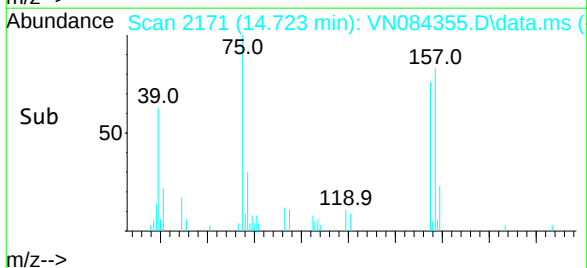
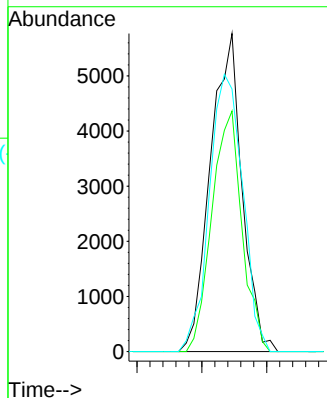
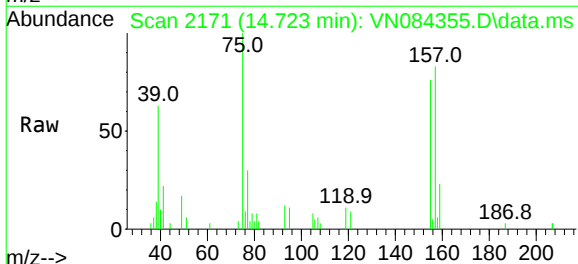
RT: 14.723 min Scan# 2171

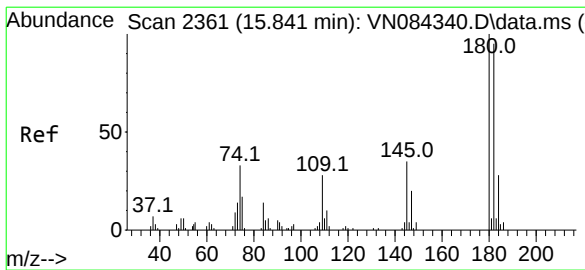
Delta R.T. -0.000 min

Lab File: VN084355.D

Acq: 08 Oct 2024 17:40

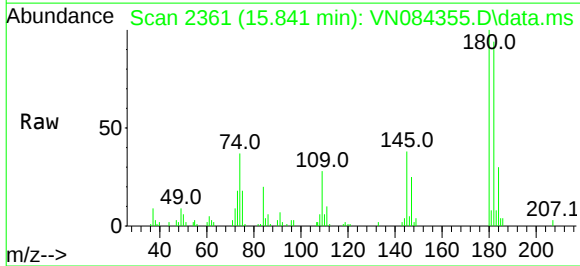
Tgt Ion:	75	Resp:	9795
Ion Ratio	Lower	Upper	
75	100		
155	71.9	61.8	92.8
157	92.1	77.4	116.0





#89
1,2,4-Trichlorobenzene
Concen: 16.461 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

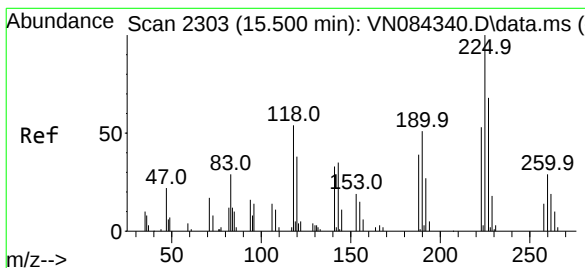
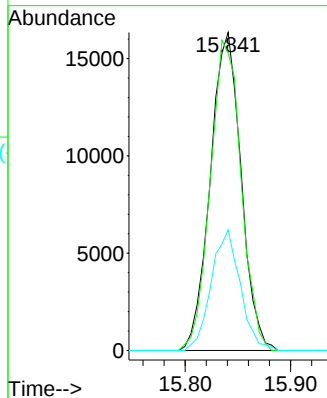
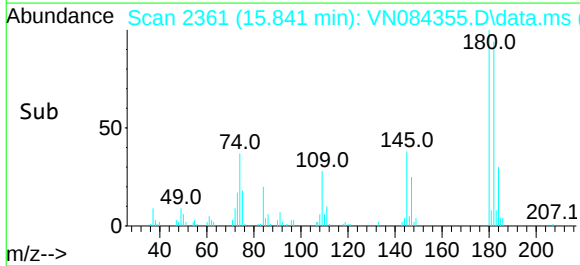
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



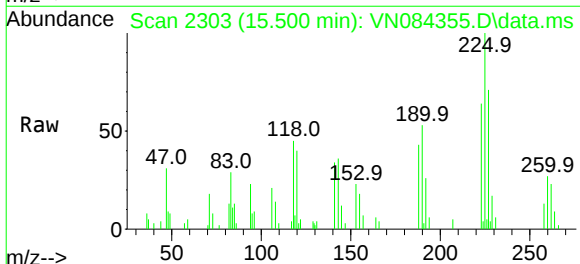
Tgt Ion:180 Resp: 33101
Ion Ratio Lower Upper
180 100
182 97.8 77.8 116.6
145 35.9 28.9 43.3

Manual Integrations
APPROVED

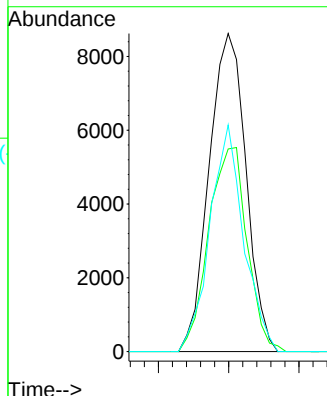
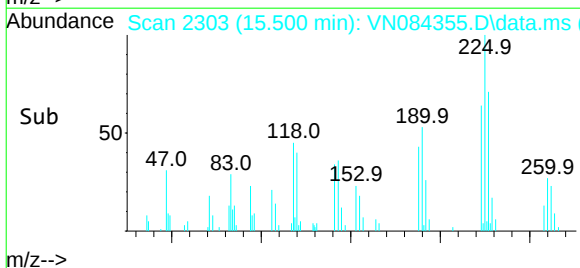
Reviewed By :John Carlone 10/09/2024
Supervised By :Mahesh Dadoda 10/09/2024

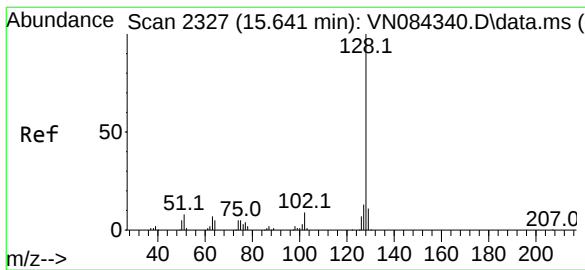


#90
Hexachlorobutadiene
Concen: 16.938 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40



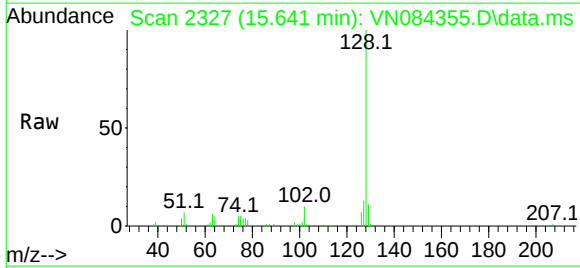
Tgt Ion:225 Resp: 15757
Ion Ratio Lower Upper
225 100
223 66.7 0.0 124.0
227 64.9 0.0 130.8





#91
Naphthalene
Concen: 15.612 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

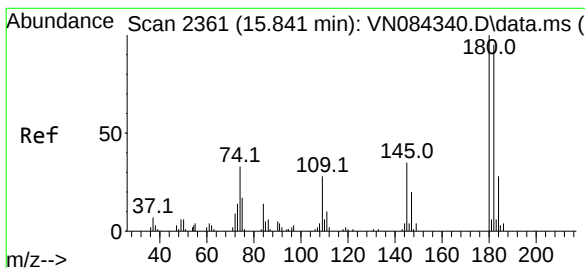
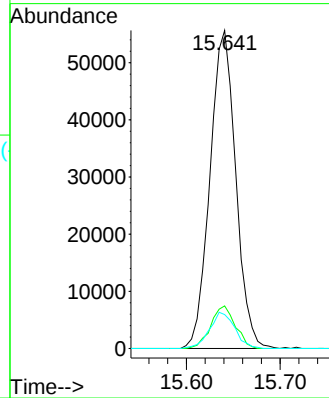
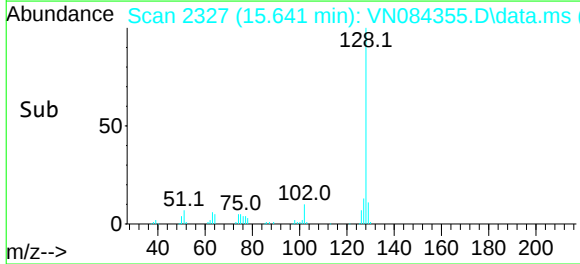
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 106388
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 16.461 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN084355.D
Acq: 08 Oct 2024 17:40

Tgt Ion:180 Resp: 33101
Ion Ratio Lower Upper
180 100
182 97.8 0.0 194.4
145 35.9 0.0 72.2

