

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
 Data File : VN082000.D
 Acq On : 06 May 2024 09:35
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: May 07 00:24:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/07/2024
 Supervised By : Semsettin Yesilyurt 05/07/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	36796	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	224382	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	194697	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	96395	31.290	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.300%			
60) 4-Bromofluorobenzene	12.853	95	93519	28.862	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.200%			
63) Toluene-d8	10.565	98	283496	30.661	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38660	18.509	ug/l	93
3) Chloromethane	2.359	50	45303	18.702	ug/l	92
4) Vinyl Chloride	2.512	62	43814	19.147	ug/l	92
5) Bromomethane	2.965	94	21910	18.349	ug/l	91
6) Chloroethane	3.124	64	27109	20.921	ug/l	93
7) Trichlorofluoromethane	3.500	101	64521	19.269	ug/l	86
8) Diethyl Ether	3.965	74	30523	18.831	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.383	101	41847m	18.230	ug/l	
10) 1,1-Dichloroethene	4.341	96	43163	19.220	ug/l	88
11) Methyl Iodide	4.594	142	36101	17.590	ug/l	79
12) Methyl Acetate	5.024	43	60246	21.424	ug/l #	80
13) Acrolein	4.183	56	50174m	83.954	ug/l	
14) Acrylonitrile	5.712	53	132781	103.461	ug/l	96
15) Acetone	4.430	58	31984	111.215	ug/l	85
16) Carbon Disulfide	4.712	76	113687	18.272	ug/l	97
17) Allyl chloride	5.024	41	78549	19.922	ug/l	80
18) Methylene Chloride	5.277	84	50685	19.836	ug/l	93
19) trans-1,2-Dichloroethene	5.783	96	44754	19.145	ug/l	84
20) Diisopropyl ether	6.665	45	169029	19.376	ug/l	94
21) 1,1-Dichloroethane	6.565	63	92850	20.101	ug/l	94
22) cis-1,2-Dichloroethene	7.488	96	57386	20.145	ug/l	98
23) tert-Butyl Alcohol	5.524	59	51235	96.919	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	154878m	19.129	ug/l	
25) Chloroform	7.965	83	88508	19.917	ug/l	93
26) Cyclohexane	8.259	56	78128	19.559	ug/l #	91
29) 1,1-Dichloropropene	8.371	75	60168	18.012	ug/l	96
30) 2-Butanone	7.482	43	170563	99.053	ug/l	94
31) 2,2-Dichloropropane	7.488	77	77727	22.705	ug/l #	78
32) 1,1,1-Trichloroethane	8.171	97	74157	19.302	ug/l	95
33) Carbon Tetrachloride	8.359	117	57358	18.396	ug/l #	91
34) Benzene	8.606	78	206743	19.400	ug/l	96
35) Methacrylonitrile	7.777	41	43157	19.811	ug/l	84
36) 1,2-Dichloroethane	8.671	62	66109	18.479	ug/l	98
37) Trichloroethene	9.353	130	46848	17.948	ug/l	90
38) Methylcyclohexane	9.600	83	75221	18.640	ug/l	95
39) 1,2-Dichloropropane	9.623	63	53830	19.686	ug/l	99
40) Dibromomethane	9.712	93	34303	19.527	ug/l	88
41) Bromodichloromethane	9.888	83	70865	18.874	ug/l	95
42) Vinyl Acetate	6.600	43	691817	94.393	ug/l #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	74147	19.750	ug/l	95
44) Isopropyl Acetate	8.688	43	127836	19.179	ug/l	92
45) 1,4-Dioxane	9.694	88	20616	385.683	ug/l	99
46) Methyl methacrylate	9.676	41	59571	19.563	ug/l	77
47) n-amyl Acetate	12.494	43	109363	18.192	ug/l	92
48) t-1,3-Dichloropropene	10.835	75	75790	18.614	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	83260	19.341	ug/l #	87
50) 1,1,2-Trichloroethane	11.018	97	48145	20.201	ug/l	96
51) Ethyl methacrylate	10.870	69	80580	17.914	ug/l	77
52) 1,3-Dichloropropane	11.165	76	83528	19.076	ug/l	99
53) Dibromochloromethane	11.365	129	46551	17.952	ug/l	100
54) 1,2-Dibromoethane	11.465	107	44695	18.804	ug/l	96
55) 2-Chloroethyl vinyl ether	10.159	63	235178	104.557	ug/l	96
56) Bromoform	12.582	173	28000	17.742	ug/l #	96
58) 4-Methyl-2-Pentanone	10.447	43	373773	98.871	ug/l #	86
59) 2-Hexanone	11.194	43	280971m	100.240	ug/l	
61) Tetrachloroethene	11.106	164	37475	17.347	ug/l	94
62) Toluene	10.635	91	210627	19.227	ug/l	98
64) Chlorobenzene	11.894	112	126977	18.951	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	41136	18.758	ug/l	94
66) Ethyl Benzene	11.965	91	232699	19.379	ug/l	100
67) m/p-Xylenes	12.070	106	171303	38.477	ug/l	99
68) o-Xylene	12.400	106	86253	19.582	ug/l	99
69) Styrene	12.412	104	140846	19.048	ug/l	98
70) Isopropylbenzene	12.694	105	212021	18.952	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	65125	20.229	ug/l #	94
72) 1,2,3-Trichloropropane	12.994	75	58736m	19.515	ug/l	
73) Bromobenzene	12.982	156	44040	18.390	ug/l	80
74) n-propylbenzene	13.035	91	260945	19.771	ug/l	97
75) 2-Chlorotoluene	13.123	91	149588	18.321	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	171750	18.967	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	27768	20.728	ug/l	89
78) 4-Chlorotoluene	13.223	91	152364	19.048	ug/l	98
79) tert-butylbenzene	13.435	119	146626	18.807	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	171167	18.819	ug/l	99
81) sec-Butylbenzene	13.617	105	209792	19.196	ug/l	99
82) p-Isopropyltoluene	13.729	119	172161	19.922	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	84444	19.584	ug/l	99
84) 1,4-Dichlorobenzene	13.811	146	84343	19.461	ug/l	97
85) n-Butylbenzene	14.059	91	159512	20.207	ug/l	97
86) Hexachloroethane	14.335	117	33770	19.598	ug/l	71
87) 1,2-Dichlorobenzene	14.106	146	80689	18.788	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.717	75	13730	19.006	ug/l	87
89) 1,2,4-Trichlorobenzene	15.841	180	43129	18.238	ug/l	95
90) Hexachlorobutadiene	15.505	225	14155	16.162	ug/l	95
91) Naphthalene	15.641	128	163873	18.230	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	43129	18.238	ug/l	95

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

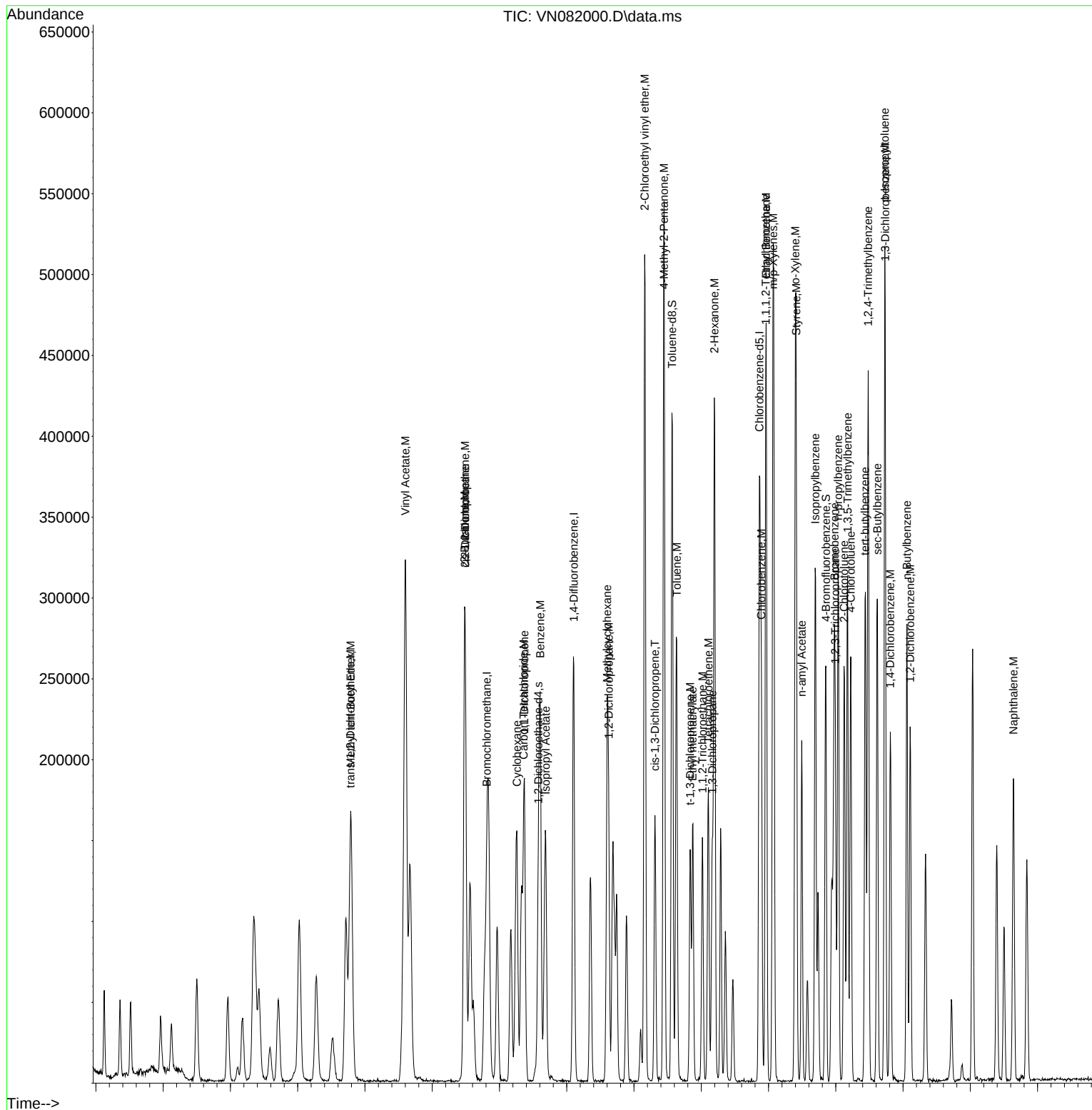
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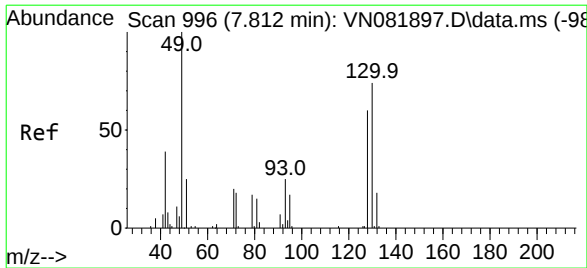
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

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APPROVED

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Supervised By : Semsettin Yesilyurt 05/07/2024

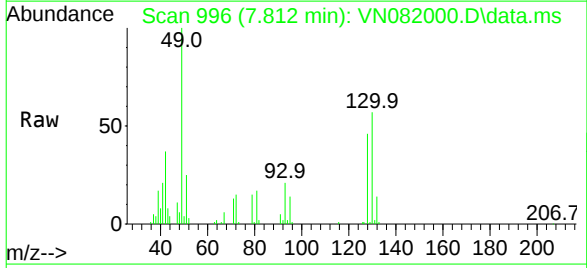
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QLast Update : Sat Apr 27 04:37:27 2024
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

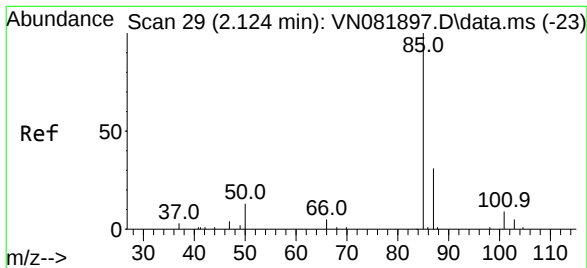
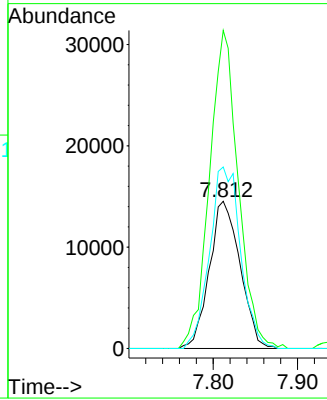
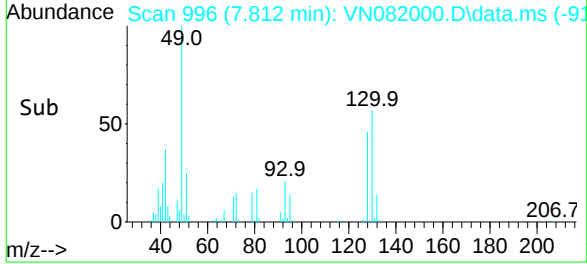
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 36796
Ion Ratio Lower Upper
128 100
49 202.3 0.0 403.7
130 79.5 0.0 323.3

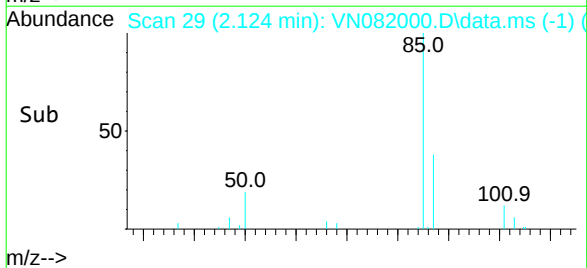
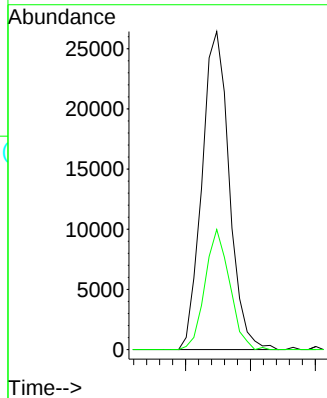
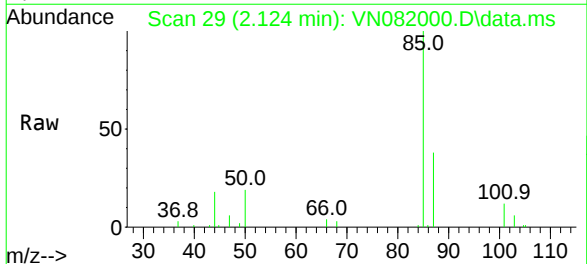
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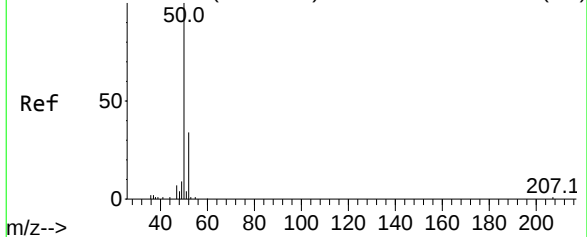


#2
Dichlorodifluoromethane
Concen: 18.509 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Tgt Ion: 85 Resp: 38660
Ion Ratio Lower Upper
85 100
87 37.8 16.8 50.3



Abundance Scan 69 (2.360 min): VN081897.D\data.ms (-64)



#3

Chloromethane

Concen: 18.702 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN082000.D

Acq: 06 May 2024 09:35

Tgt Ion: 50 Resp: 45303

Ion Ratio Lower Upper

50 100

52 36.0 25.4 38.0

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

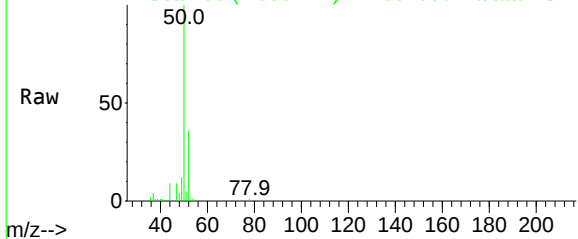
Manual Integrations

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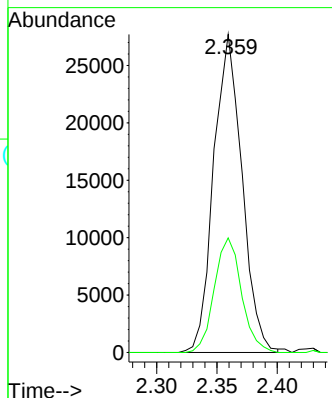
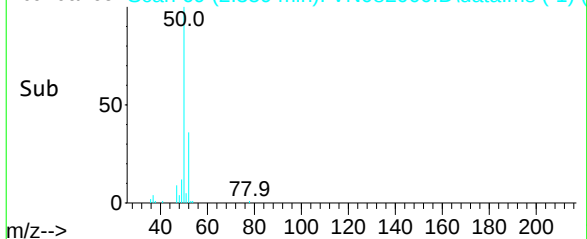
Reviewed By :John Carlone 05/07/2024

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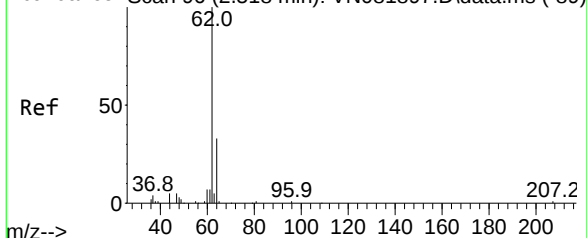
Abundance Scan 69 (2.359 min): VN082000.D\data.ms



Abundance Scan 69 (2.359 min): VN082000.D\data.ms (-1)



Abundance Scan 96 (2.518 min): VN081897.D\data.ms (-89)



#4

Vinyl Chloride

Concen: 19.147 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN082000.D

Acq: 06 May 2024 09:35

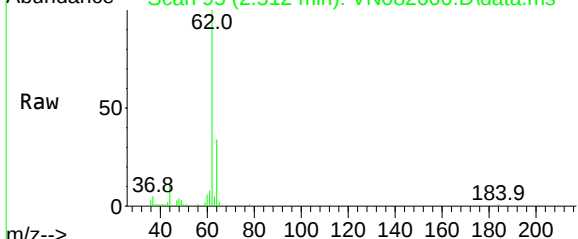
Tgt Ion: 62 Resp: 43814

Ion Ratio Lower Upper

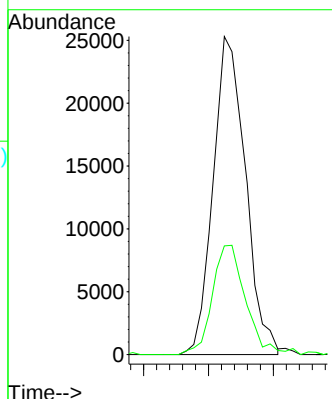
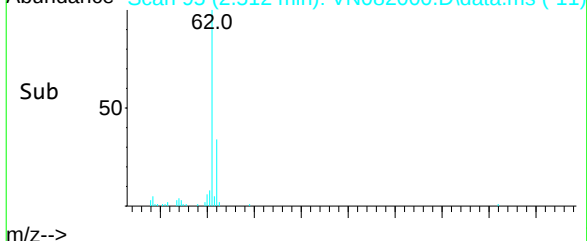
62 100

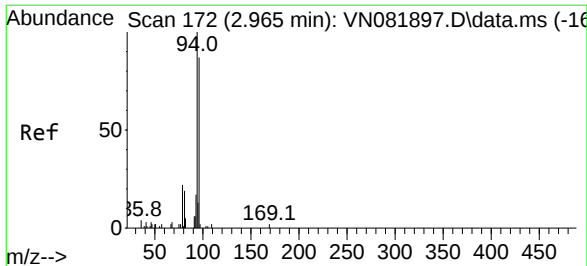
64 34.2 24.1 36.1

Abundance Scan 95 (2.512 min): VN082000.D\data.ms



Abundance Scan 95 (2.512 min): VN082000.D\data.ms (-11)





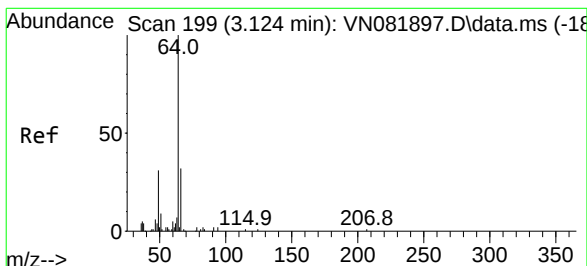
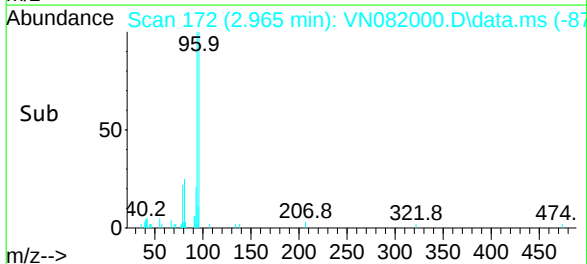
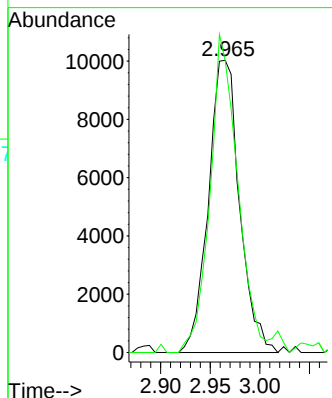
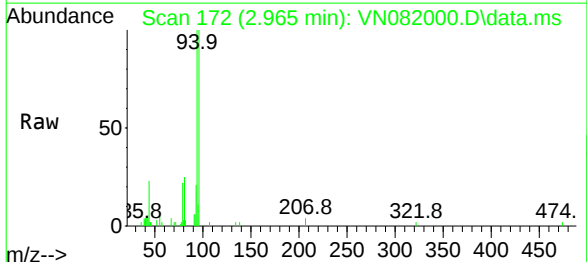
#5
Bromomethane
Concen: 18.349 ug/l
RT: 2.965 min Scan# 172
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
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VSTDCCC020

Tgt Ion: 94 Resp: 21910
Ion Ratio Lower Upper
94 100
96 99.8 72.8 109.2

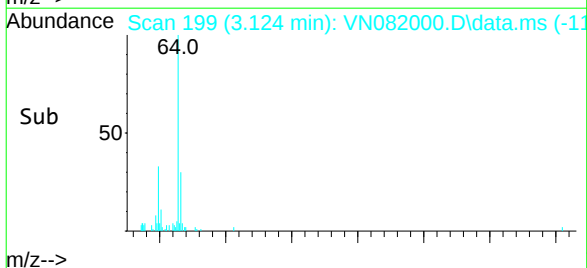
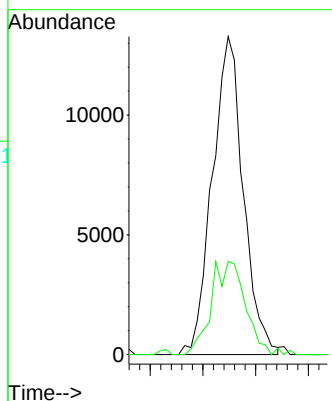
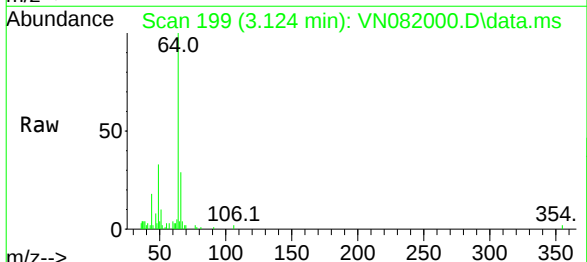
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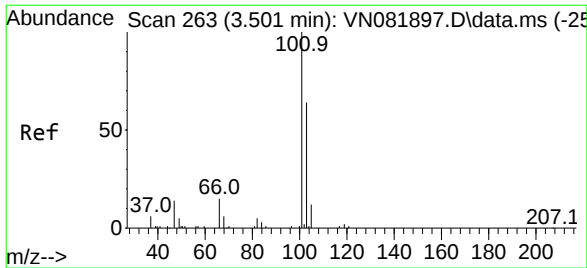
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#6
Chloroethane
Concen: 20.921 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Tgt Ion: 64 Resp: 27109
Ion Ratio Lower Upper
64 100
66 29.3 26.7 40.1





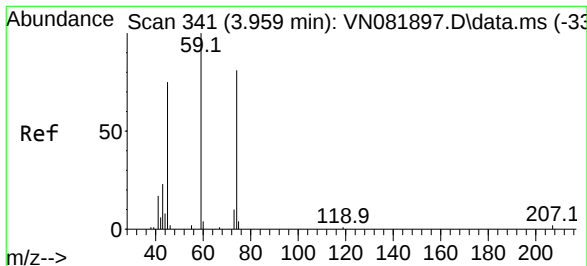
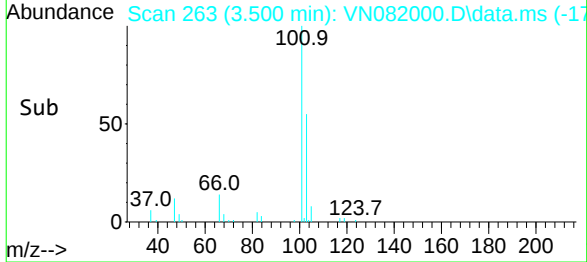
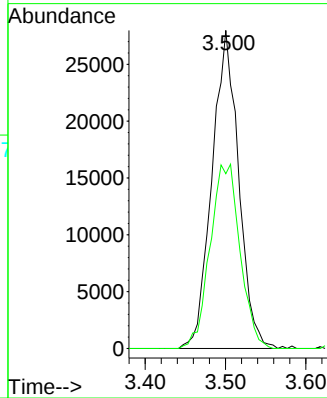
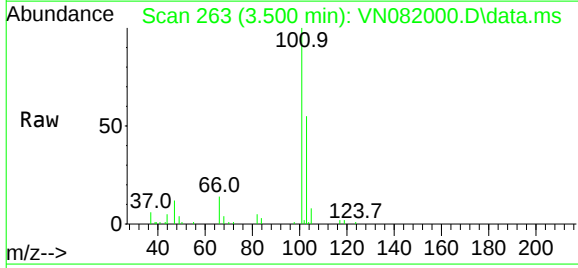
#7
 Trichlorofluoromethane
 Concen: 19.269 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN082000.D
 Acq: 06 May 2024 09:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:101 Resp: 64521
 Ion Ratio Lower Upper
 101 100
 103 55.0 53.0 79.4

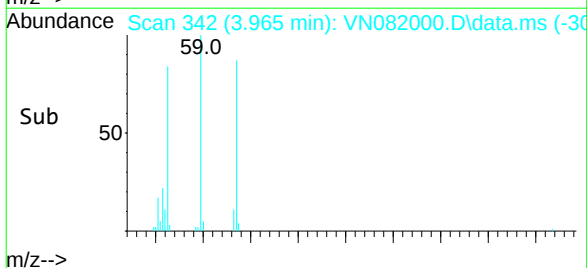
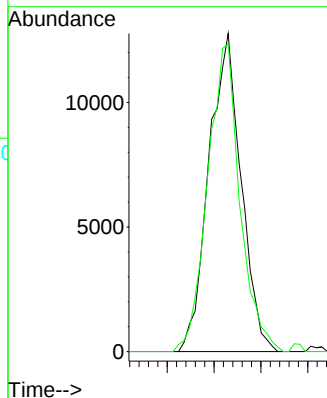
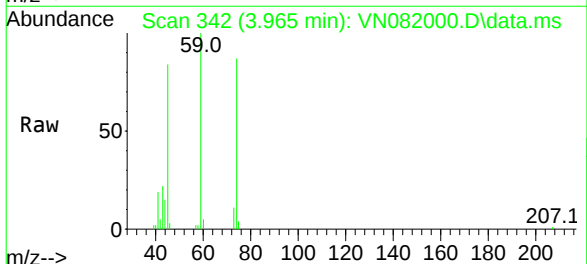
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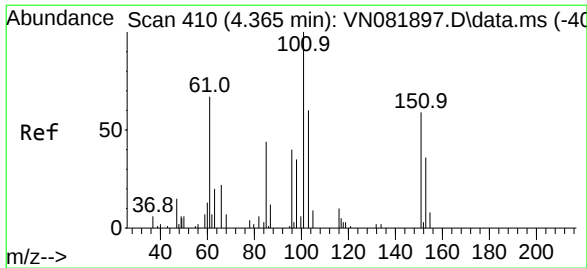
Reviewed By :John Carlone 05/07/2024
 Supervised By :Semsettin Yesilyurt 05/07/2024



#8
 Diethyl Ether
 Concen: 18.831 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN082000.D
 Acq: 06 May 2024 09:35

Tgt Ion: 74 Resp: 30523
 Ion Ratio Lower Upper
 74 100
 45 96.4 16.4 147.4





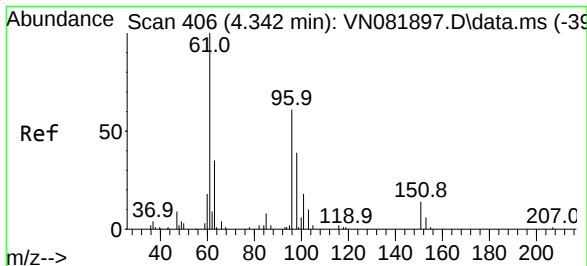
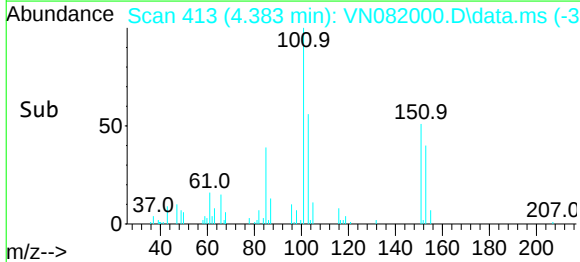
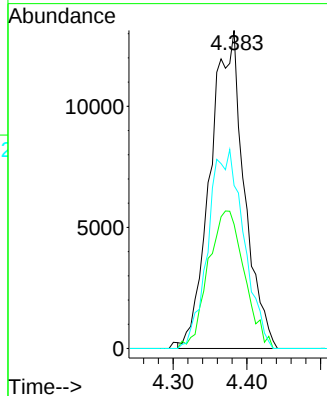
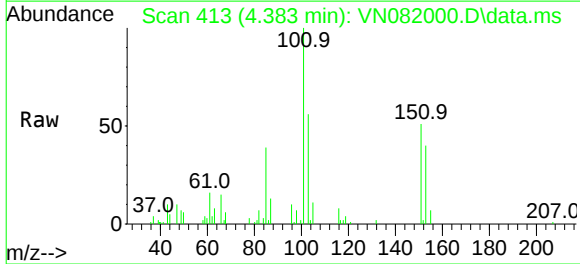
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.230 ug/l m
RT: 4.383 min Scan# 410
Delta R.T. 0.017 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
101	100		
85	46.2	0.0	90.6
151	34.5	0.0	157.6

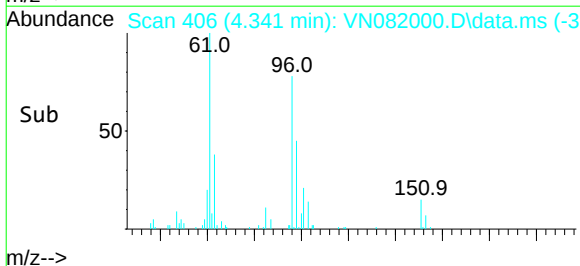
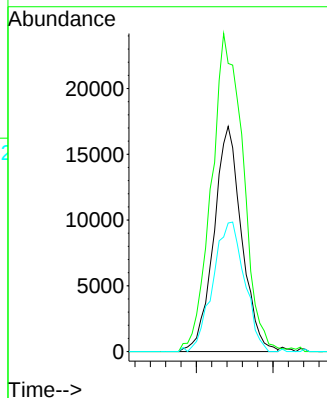
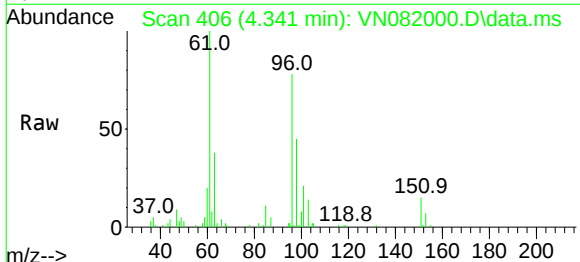
Manual Integrations
APPROVED

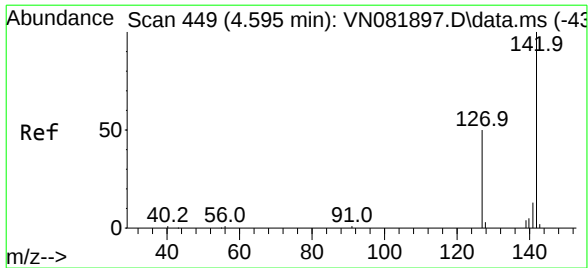
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#10
1,1-Dichloroethene
Concen: 19.220 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	128.0	117.6	176.4
98	57.1	48.4	72.6





#11
Methyl Iodide
Concen: 17.590 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

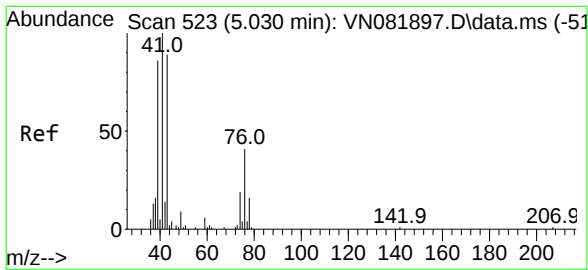
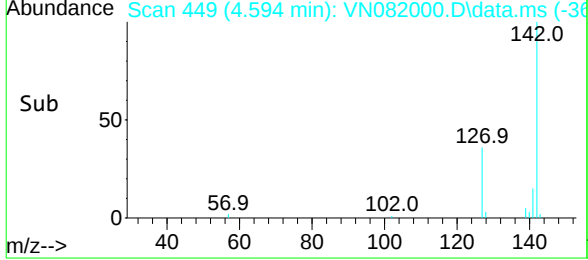
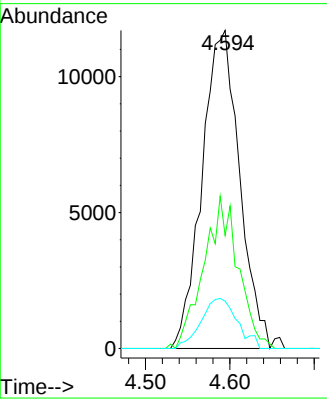
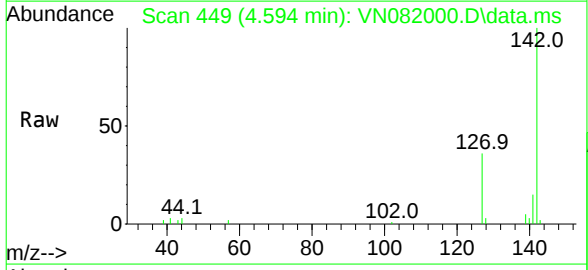
Tgt Ion:	142	Resp:	36101
Ion Ratio	Lower	Upper	
142	100		
127	34.1	26.3	78.9
141	14.9	8.3	24.9

Manual Integrations

APPROVED

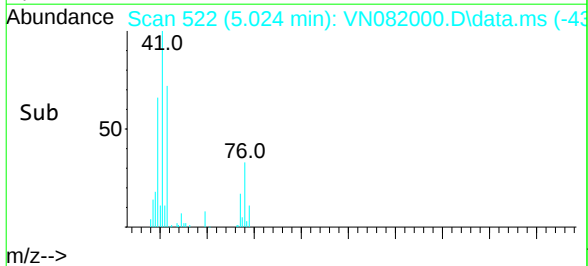
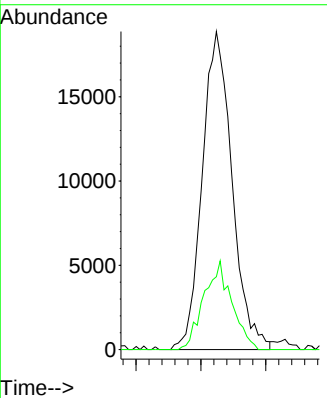
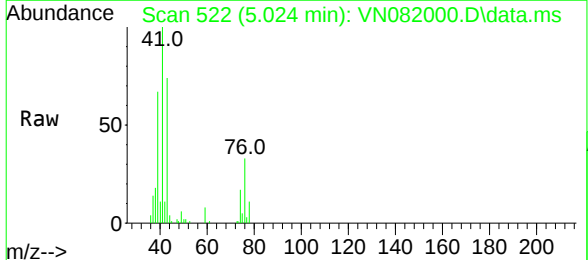
Reviewed By :John Carlone 05/07/2024

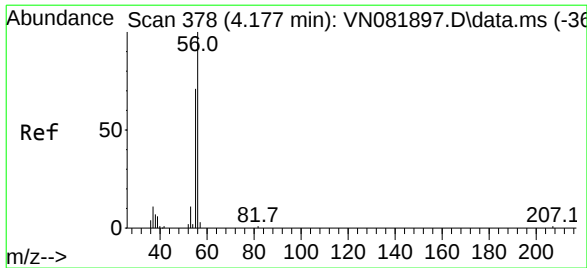
Supervised By :Semsettin Yesilyurt 05/07/2024



#12
Methyl Acetate
Concen: 21.424 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Tgt Ion:	43	Resp:	60246
Ion Ratio	Lower	Upper	
43	100		
74	23.2	27.7	41.5#





#13

Acrolein

Concen: 83.954 ug/l m

RT: 4.183 min Scan# 37

Delta R.T. 0.006 min

Lab File: VN082000.D

Acq: 06 May 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 56 Resp: 50174

Ion Ratio Lower Upper

56 100

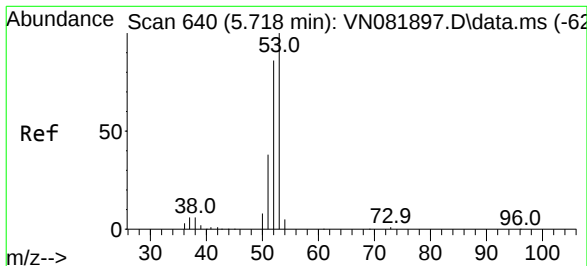
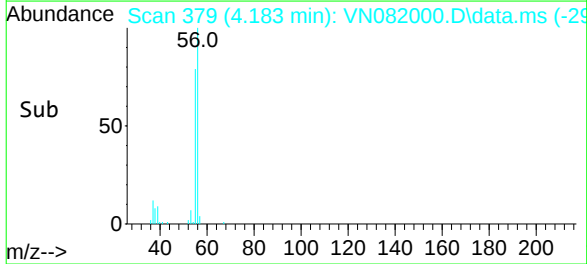
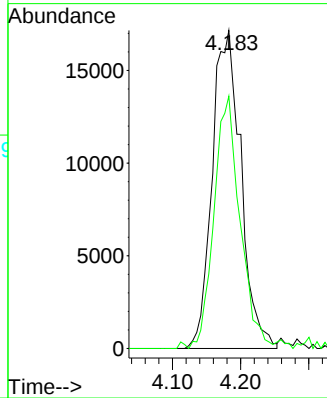
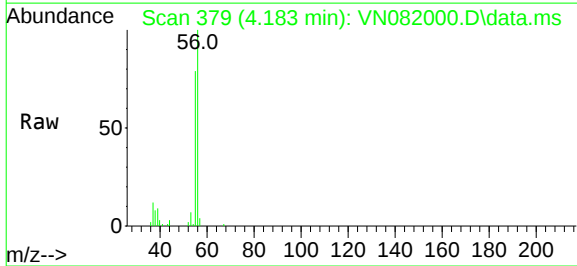
55 71.7 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#14

Acrylonitrile

Concen: 103.461 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN082000.D

Acq: 06 May 2024 09:35

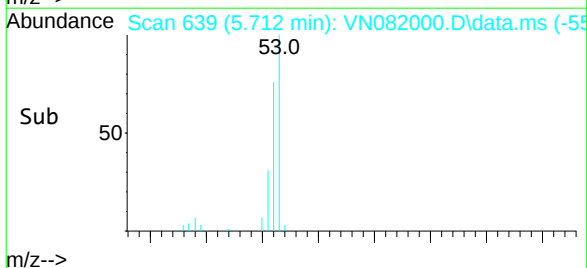
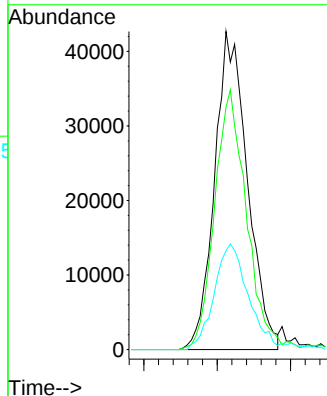
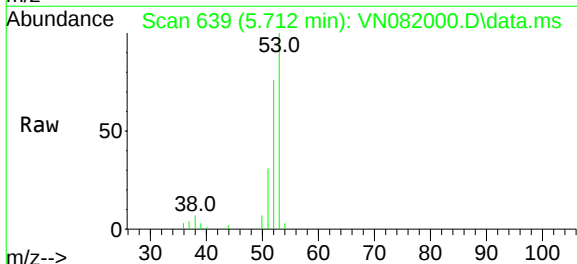
Tgt Ion: 53 Resp: 132781

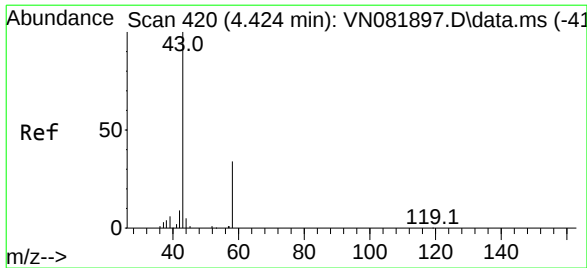
Ion Ratio Lower Upper

53 100

52 78.5 41.3 123.9

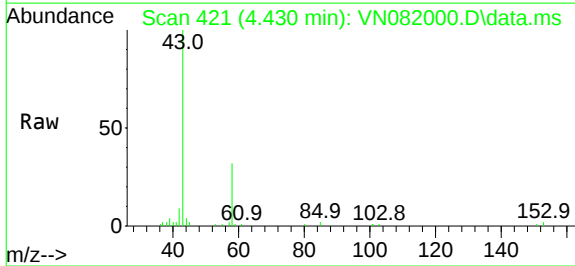
51 34.2 16.8 50.3





#15
Acetone
Concen: 111.215 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

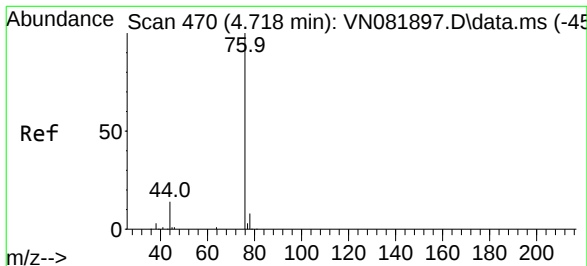
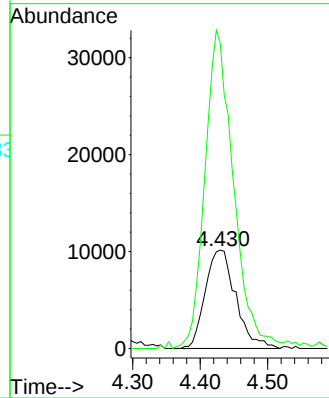
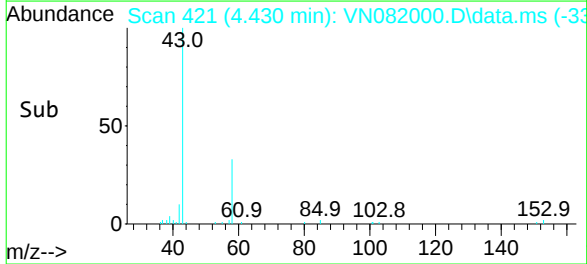
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 31984
Ion Ratio Lower Upper
58 100
43 307.2 223.1 334.7

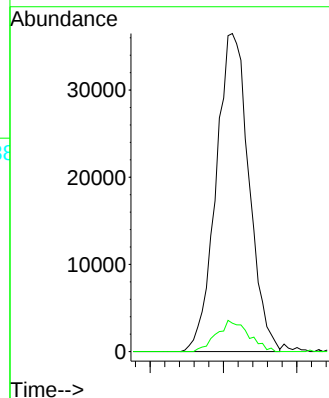
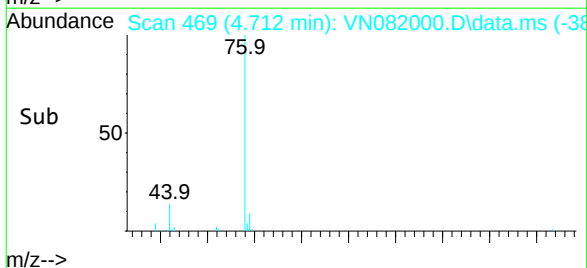
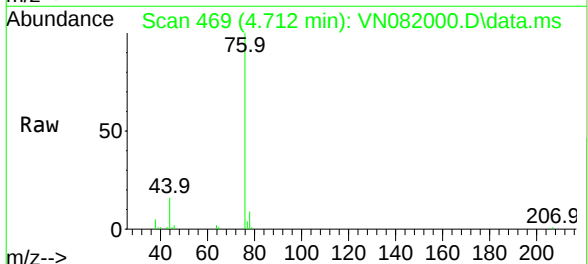
Manual Integrations
APPROVED

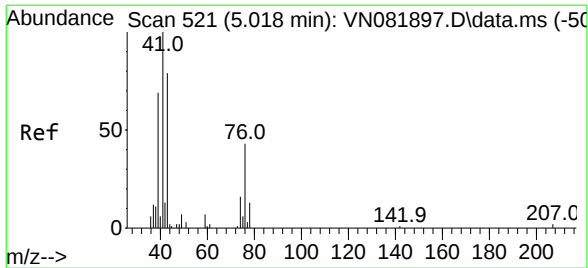
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#16
Carbon Disulfide
Concen: 18.272 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

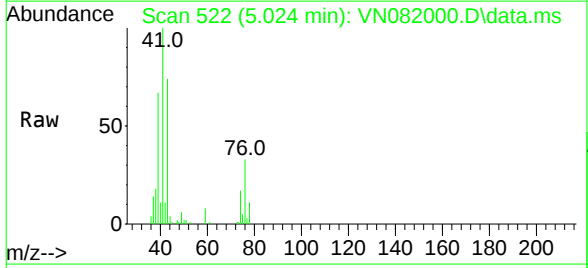
Tgt Ion: 76 Resp: 113687
Ion Ratio Lower Upper
76 100
78 8.9 6.3 9.5





#17
 Allyl chloride
 Concen: 19.922 ug/l
 RT: 5.024 min Scan# 521
 Delta R.T. 0.006 min
 Lab File: VN082000.D
 Acq: 06 May 2024 09:35

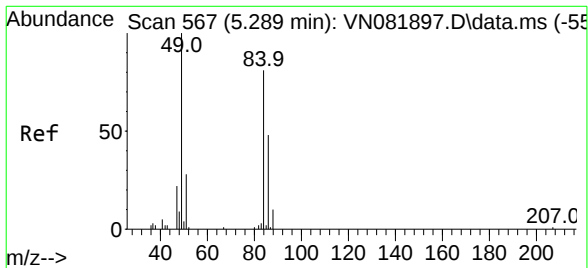
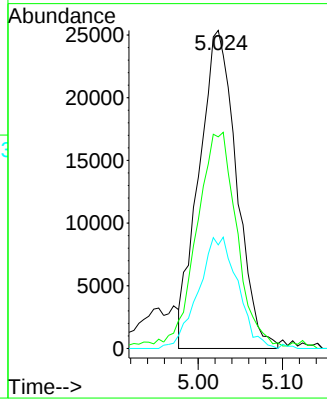
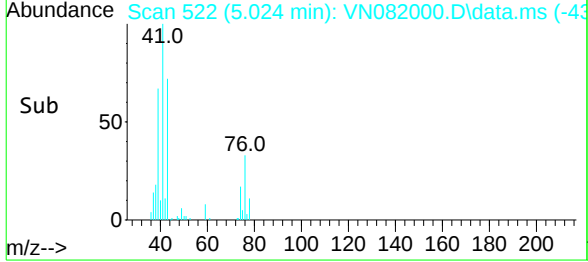
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



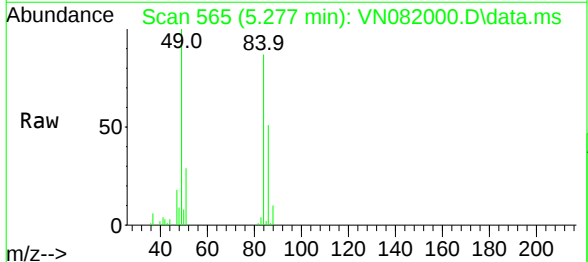
Tgt Ion: 41	Resp: 78549
Ion Ratio	Lower Upper
41 100	
39 65.7	37.6 112.9
76 33.1	27.8 83.4

Manual Integrations
 APPROVED

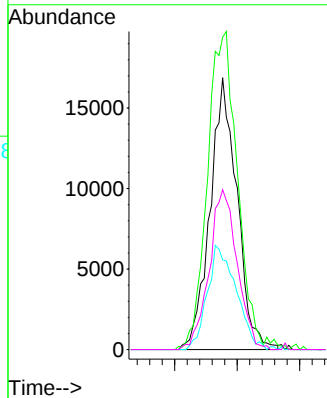
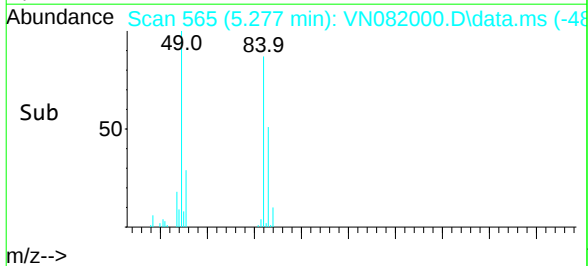
Reviewed By :John Carlone 05/07/2024
 Supervised By :Semsettin Yesilyurt 05/07/2024

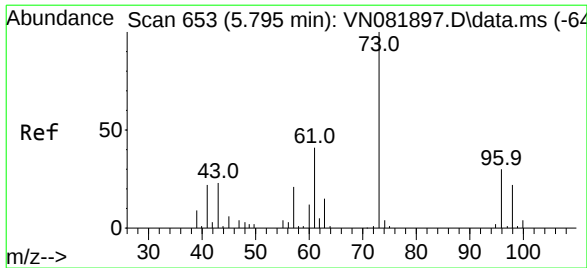


#18
 Methylene Chloride
 Concen: 19.836 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.012 min
 Lab File: VN082000.D
 Acq: 06 May 2024 09:35



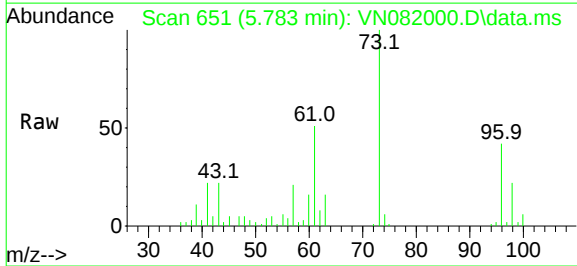
Tgt Ion: 84	Resp: 50685
Ion Ratio	Lower Upper
84 100	
49 113.8	86.0 129.0
51 33.0	30.0 45.0
86 58.8	53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 19.145 ug/l
RT: 5.783 min Scan# 653
Delta R.T. -0.012 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

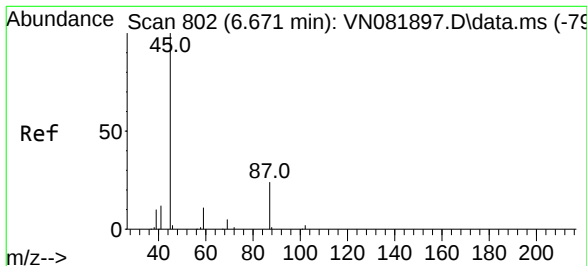
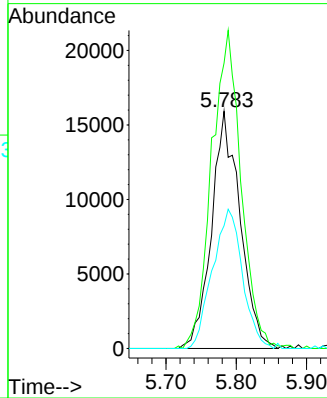
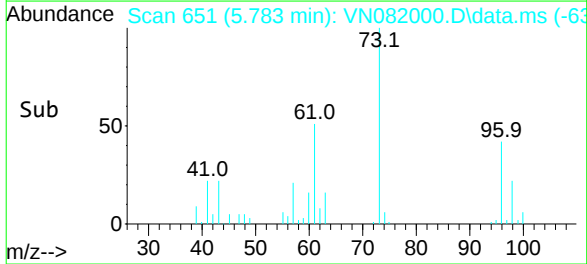
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



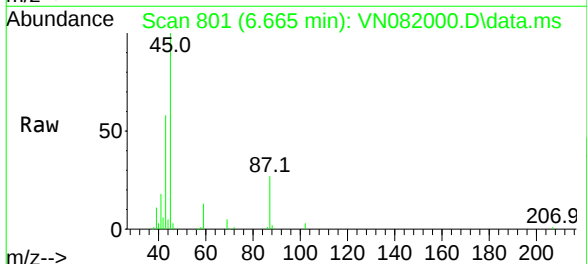
Tgt Ion: 96 Resp: 44754
Ion Ratio Lower Upper
96 100
61 119.3 111.8 167.6
98 51.7 49.2 73.8

Manual Integrations
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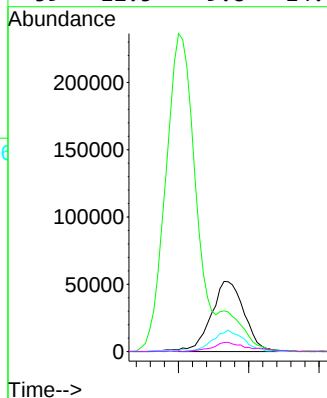
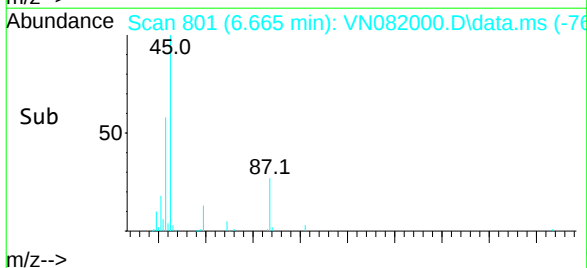
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

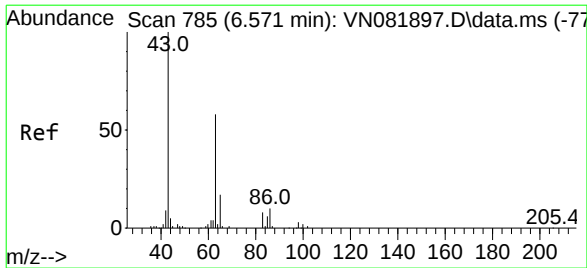


#20
Diisopropyl ether
Concen: 19.376 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35



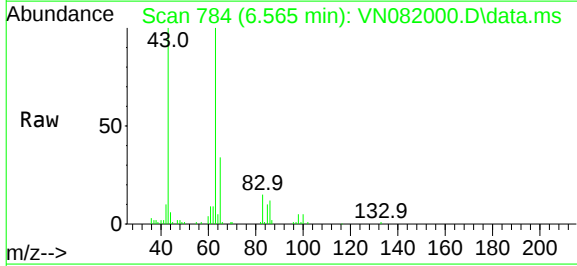
Tgt Ion: 45 Resp: 169029
Ion Ratio Lower Upper
45 100
43 55.9 40.4 60.6
87 26.7 23.8 35.8
59 12.5 9.8 14.6





#21
1,1-Dichloroethane
Concen: 20.101 ug/l
RT: 6.565 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

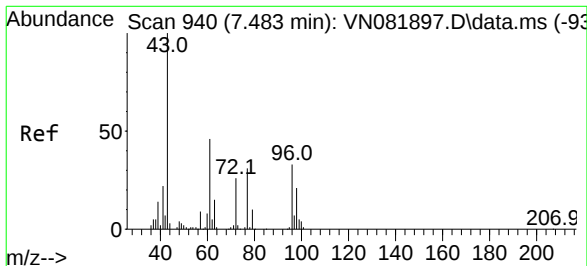
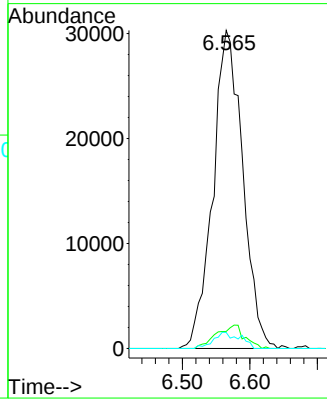
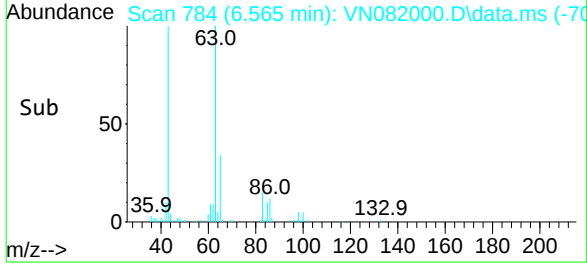
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion	63	Resp	92850
Ion Ratio	100		
98	5.4	4.1	12.3
100	5.1	3.0	9.0

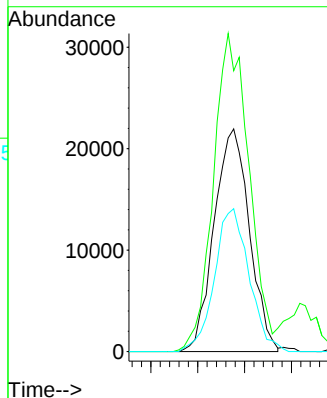
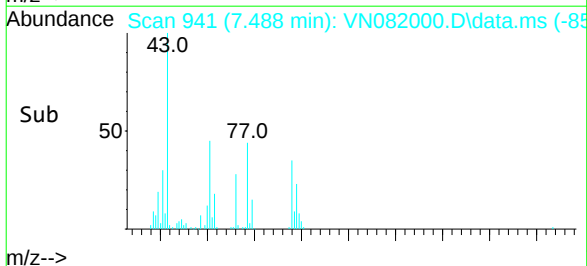
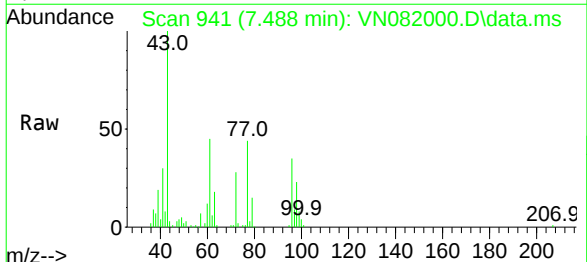
Manual Integrations
APPROVED

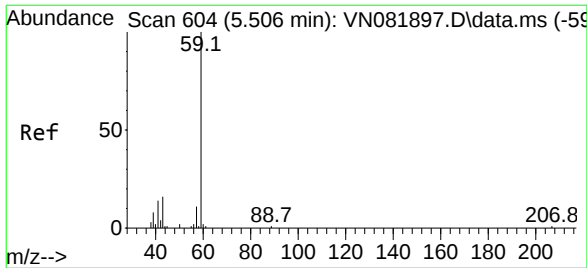
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#22
cis-1,2-Dichloroethene
Concen: 20.145 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Tgt Ion	96	Resp	57386
Ion Ratio	100		
61	143.9	113.5	170.3
98	62.9	52.0	78.0





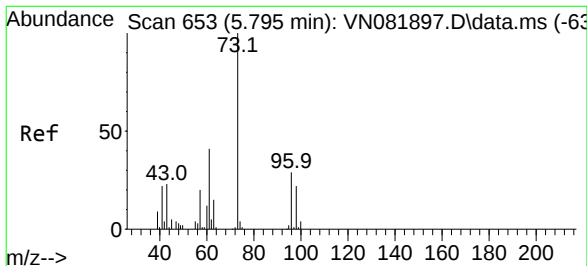
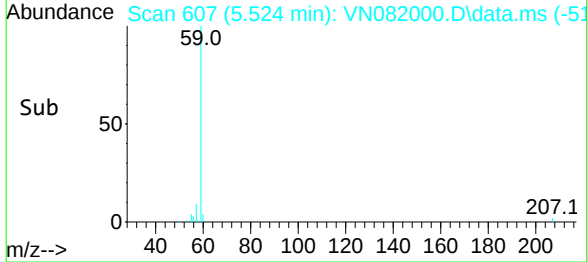
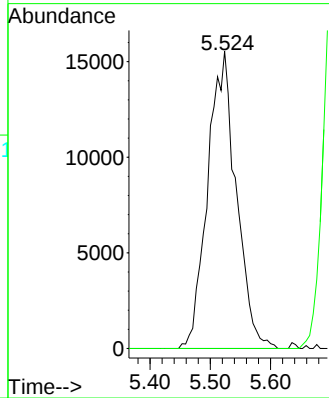
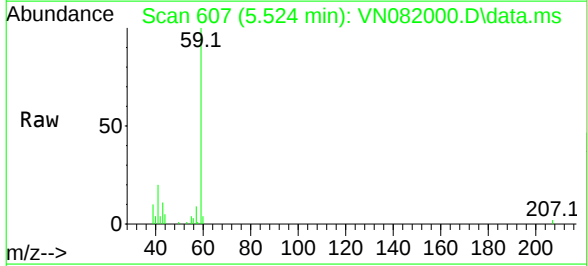
#23
tert-Butyl Alcohol
Concen: 96.919 ug/l
RT: 5.524 min Scan# 604
Delta R.T. 0.017 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 51235
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

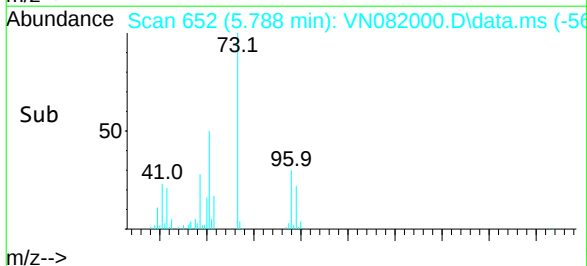
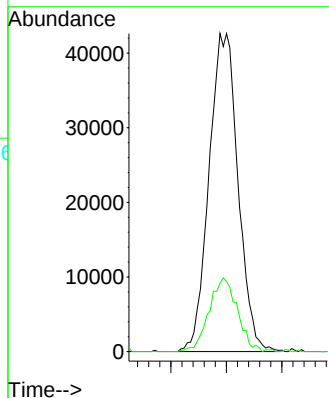
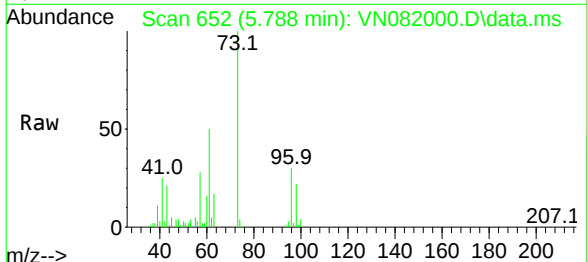
Manual Integrations
APPROVED

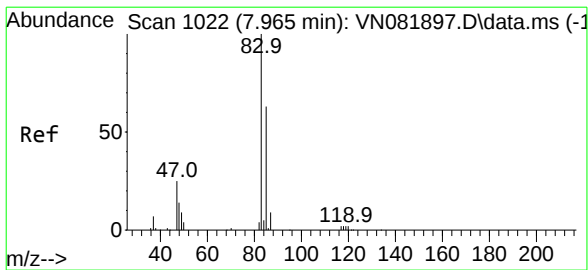
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#24
Methyl tert-Butyl Ether
Concen: 19.129 ug/l m
RT: 5.788 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

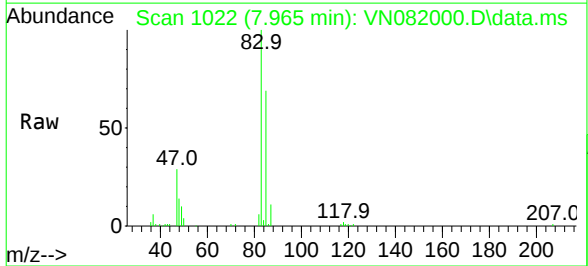
Tgt Ion: 73 Resp: 154878
Ion Ratio Lower Upper
73 100
43 21.8 13.4 20.2





#25
Chloroform
Concen: 19.917 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

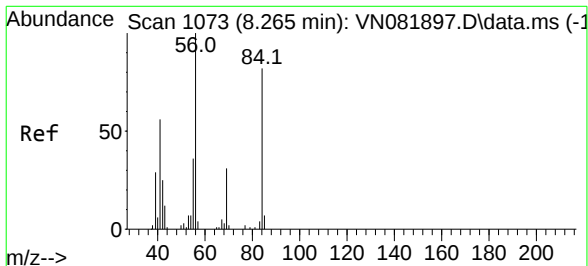
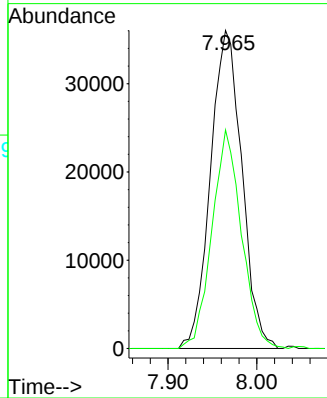
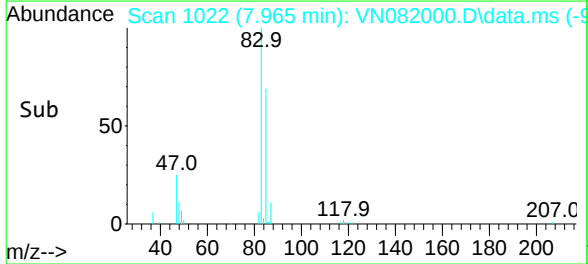
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



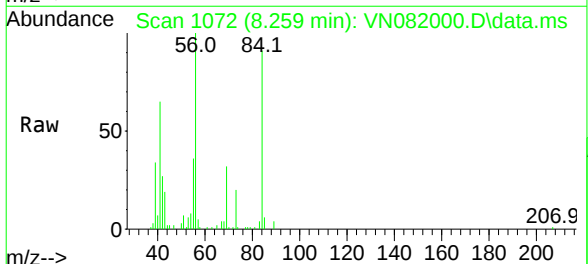
Tgt Ion: 83 Resp: 88508
Ion Ratio Lower Upper
83 100
85 68.7 50.9 76.3

Manual Integrations
APPROVED

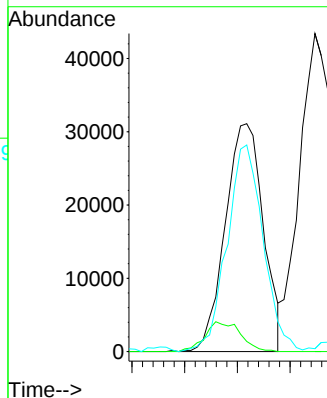
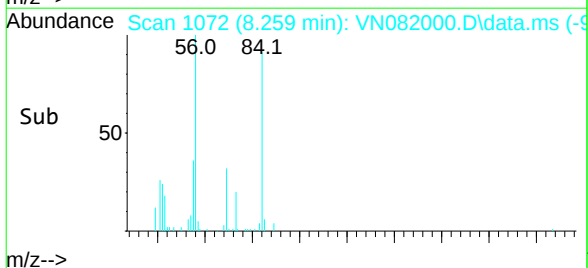
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

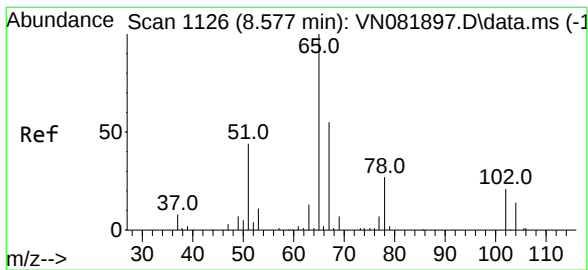


#26
Cyclohexane
Concen: 19.559 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35



Tgt Ion: 56 Resp: 78128
Ion Ratio Lower Upper
56 100
89 8.1 19.3 28.9#
84 86.2 71.3 106.9





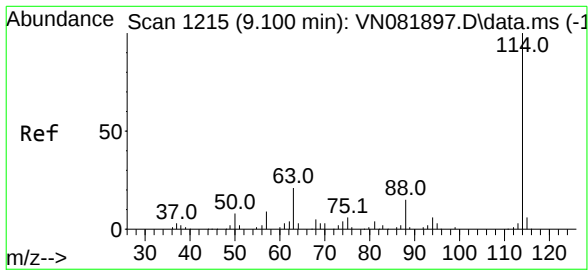
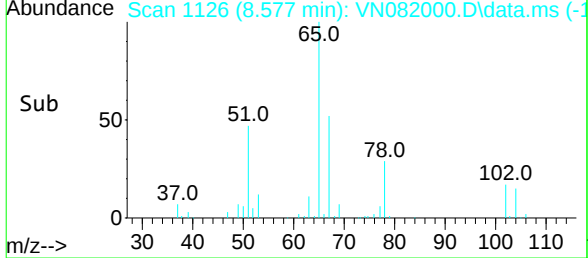
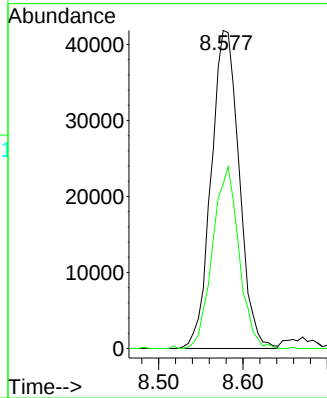
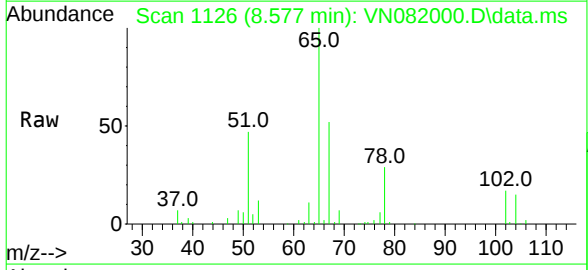
#27
1,2-Dichloroethane-d4
Concen: 31.290 ug/l
RT: 8.577 min Scan# 1116
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 96395
Ion Ratio Lower Upper
65 100
67 53.5 43.2 64.8

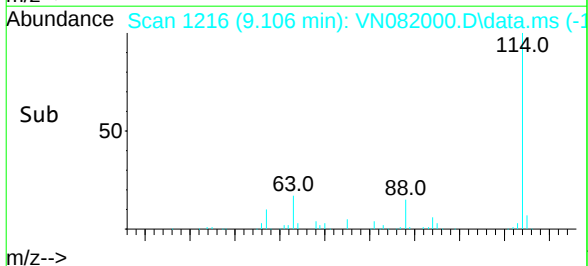
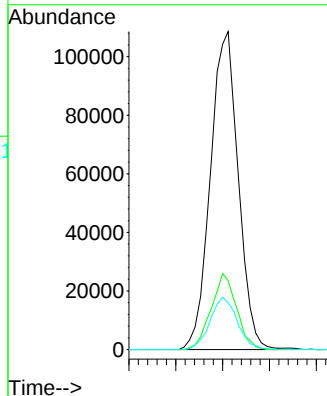
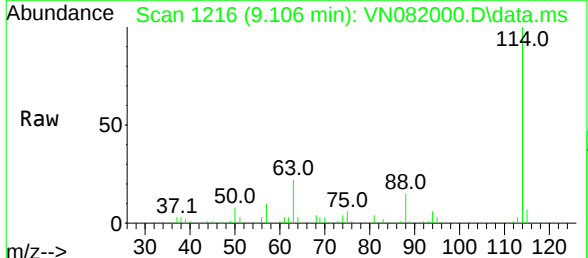
Manual Integrations
APPROVED

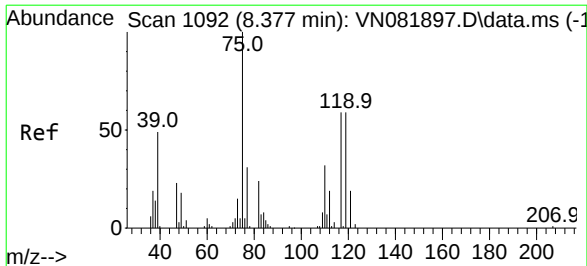
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Tgt Ion:114 Resp: 224382
Ion Ratio Lower Upper
114 100
63 21.8 15.9 23.9
88 16.0 12.7 19.1





#29
1,1-Dichloropropene
Concen: 18.012 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :

MSVOA_N

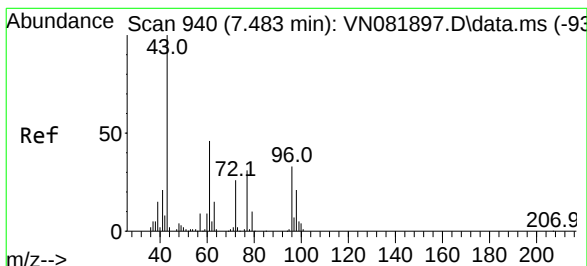
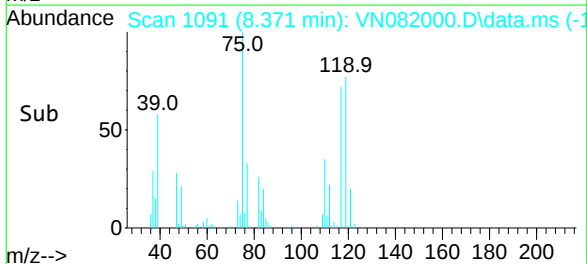
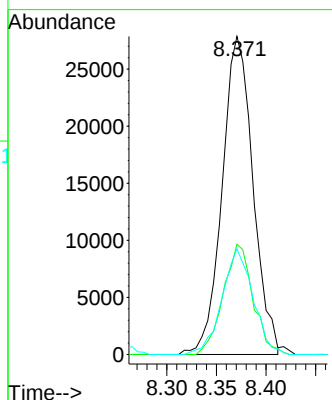
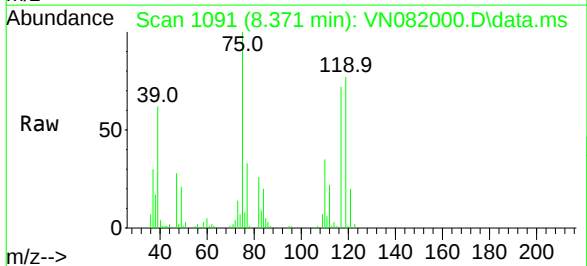
ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 60168
Ion Ratio Lower Upper
75 100
110 33.4 0.0 70.2
77 33.5 0.0 61.4

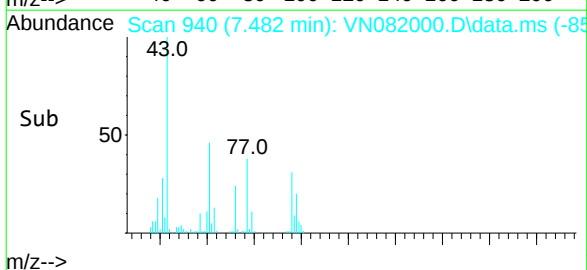
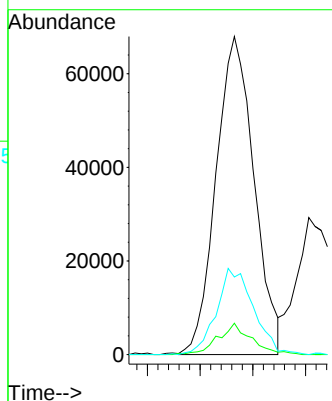
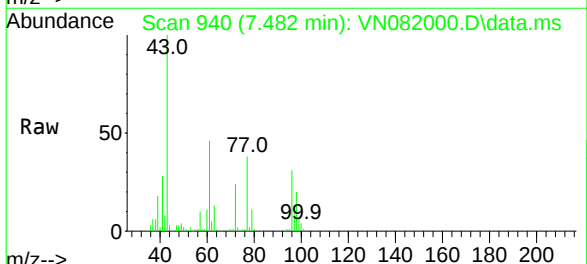
Manual Integrations
APPROVED

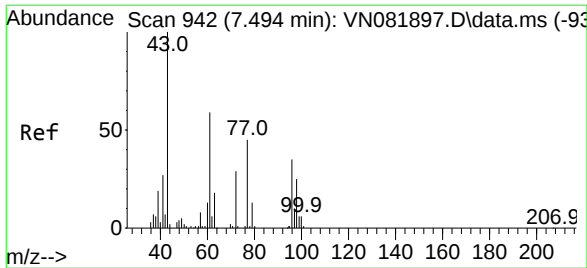
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#30
2-Butanone
Concen: 99.053 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

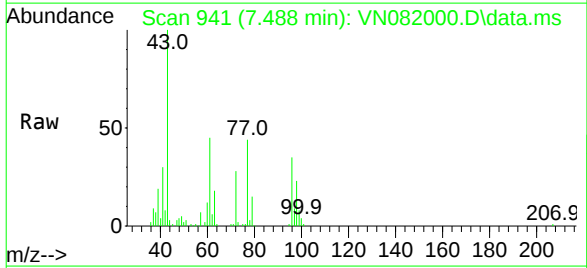
Tgt Ion: 43 Resp: 170563
Ion Ratio Lower Upper
43 100
57 8.7 6.7 10.1
72 26.0 24.0 36.0





#31
2,2-Dichloropropane
Concen: 22.705 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

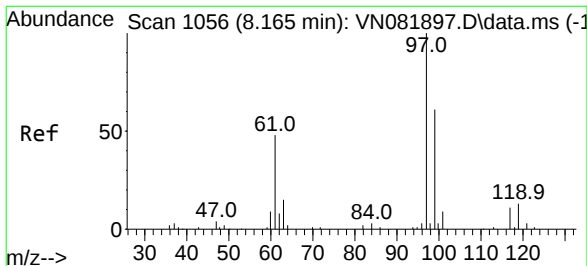
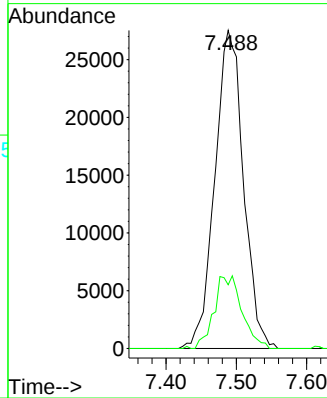
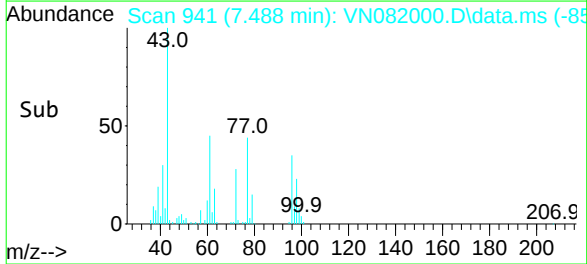
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 77 Resp: 77727
Ion Ratio Lower Upper
77 100
97 12.2 18.3 27.5#

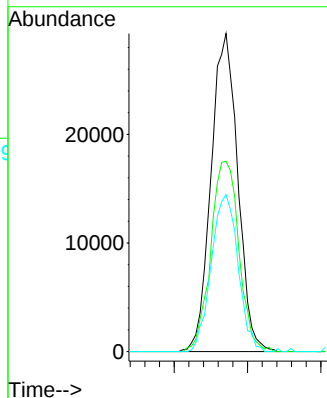
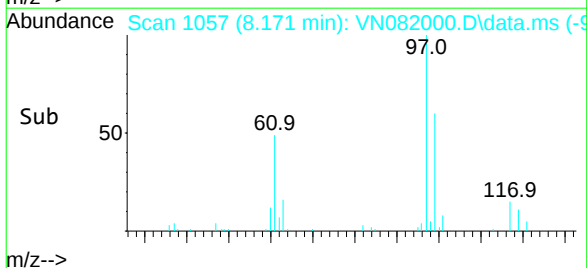
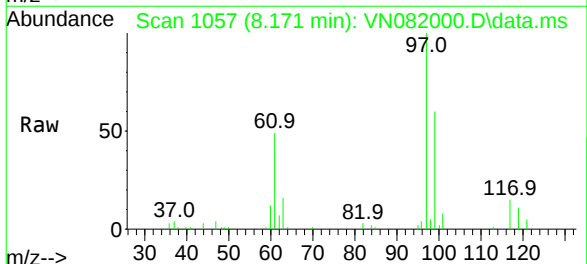
Manual Integrations
APPROVED

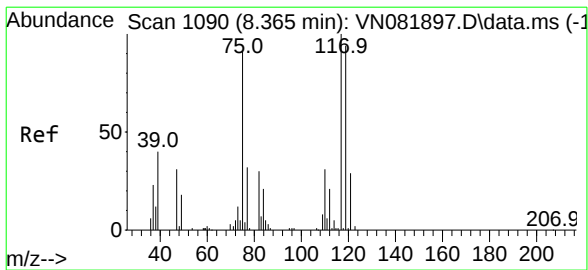
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#32
1,1,1-Trichloroethane
Concen: 19.302 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

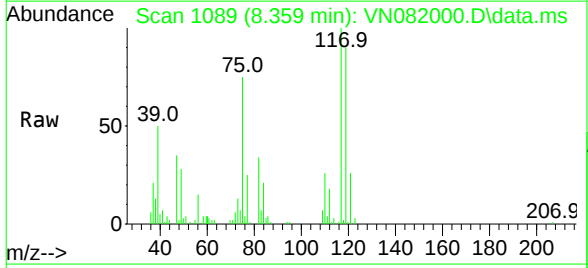
Tgt Ion: 97 Resp: 74157
Ion Ratio Lower Upper
97 100
99 63.1 51.0 76.4
61 49.5 33.8 50.8





#33
Carbon Tetrachloride
Concen: 18.396 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

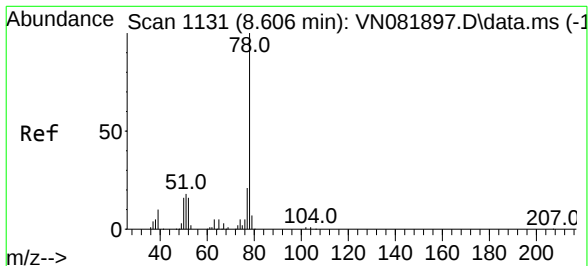
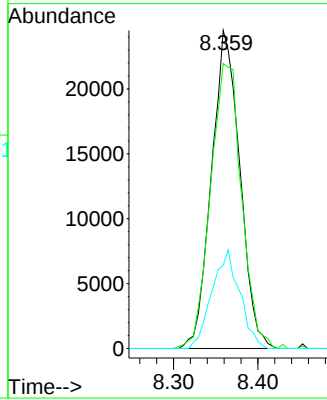
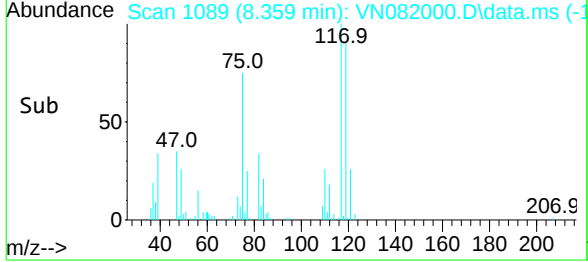
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



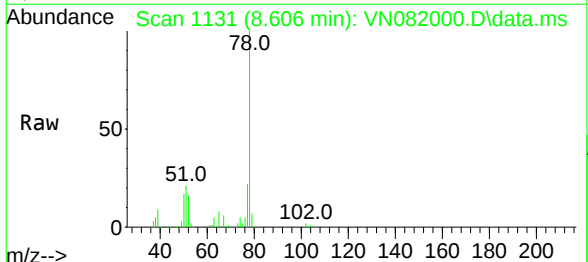
Tgt Ion: 117 Resp: 57358
Ion Ratio Lower Upper
117 100
119 89.6 77.7 116.5
121 26.2 27.0 40.6#

Manual Integrations
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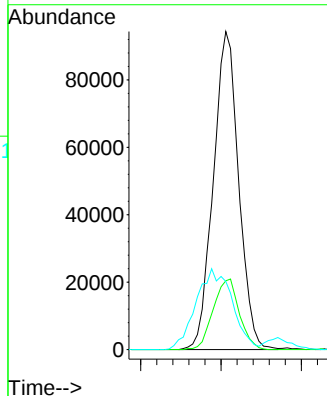
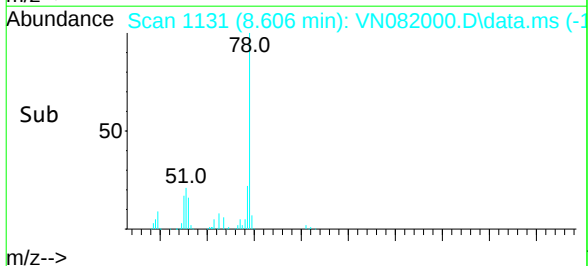
Reviewed By : John Carlone 05/07/2024
Supervised By : Semsettin Yesilyurt 05/07/2024

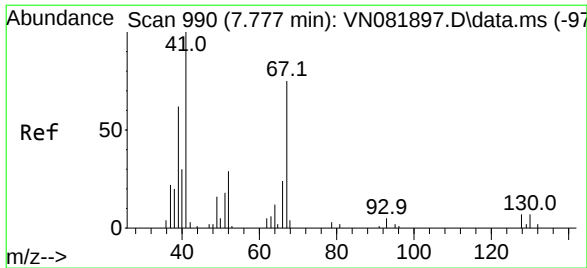


#34
Benzene
Concen: 19.400 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35



Tgt Ion: 78 Resp: 206743
Ion Ratio Lower Upper
78 100
77 21.6 19.2 28.8
51 18.3 13.3 19.9





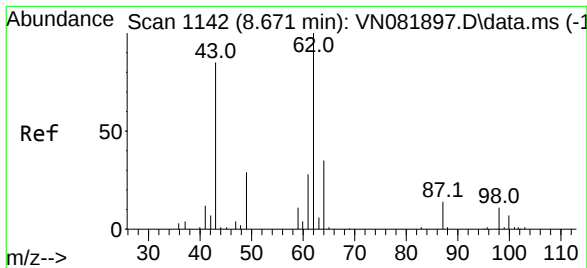
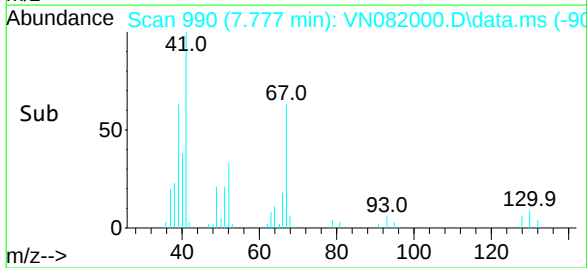
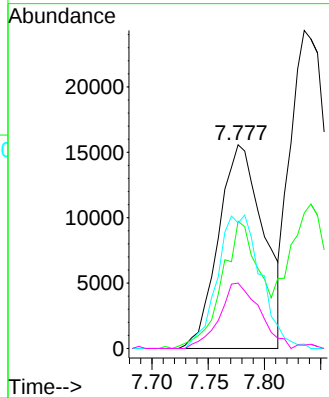
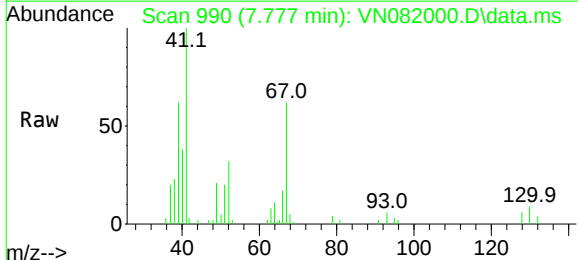
#35
Methacrylonitrile
Concen: 19.811 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:	41	Resp:	43157
Ion	Ratio	Lower	Upper
41	100		
39	61.3	25.3	75.9
67	61.6	38.7	116.1
52	32.1	13.6	40.8

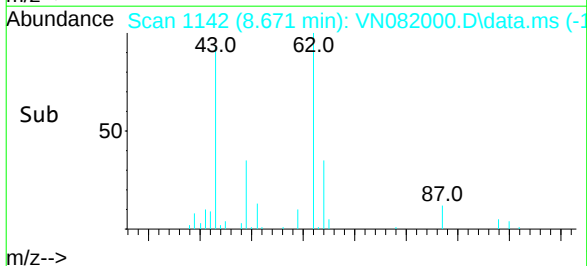
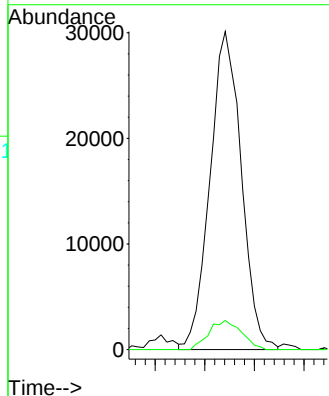
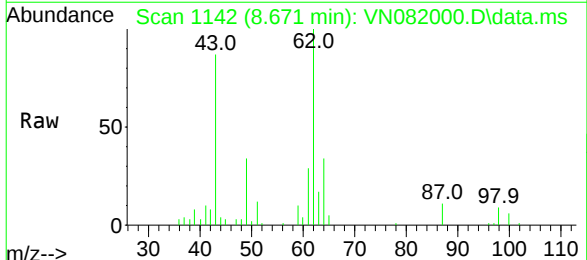
Manual Integrations
APPROVED

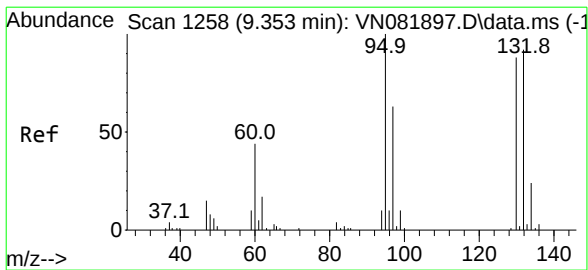
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#36
1,2-Dichloroethane
Concen: 18.479 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

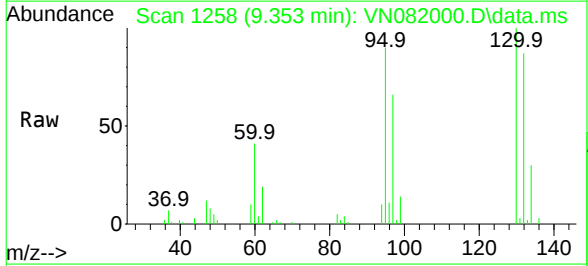
Tgt Ion:	62	Resp:	66109
Ion	Ratio	Lower	Upper
62	100		
98	9.5	8.2	12.4





#37
 Trichloroethene
 Concen: 17.948 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. -0.000 min
 Lab File: VN082000.D
 Acq: 06 May 2024 09:35

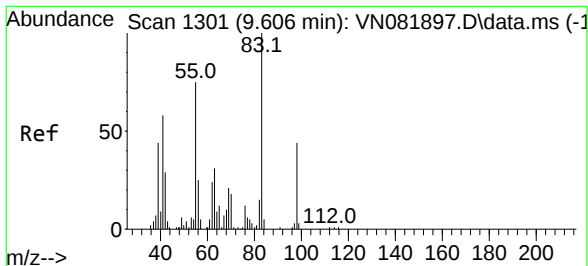
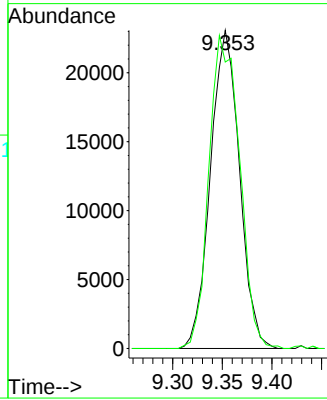
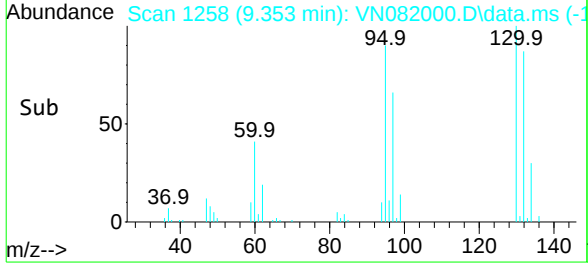
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



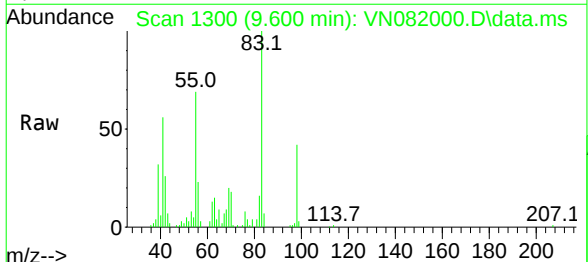
Tgt Ion:130 Resp: 46848
 Ion Ratio Lower Upper
 130 100
 95 90.0 80.2 120.4

Manual Integrations
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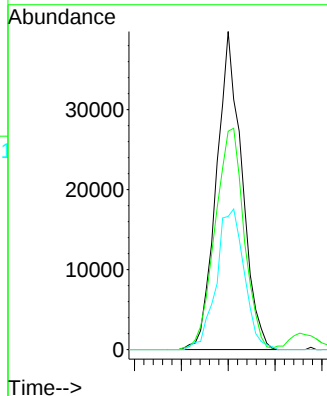
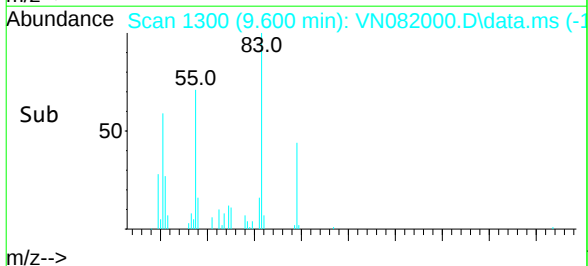
Reviewed By :John Carlone 05/07/2024
 Supervised By :Semsettin Yesilyurt 05/07/2024

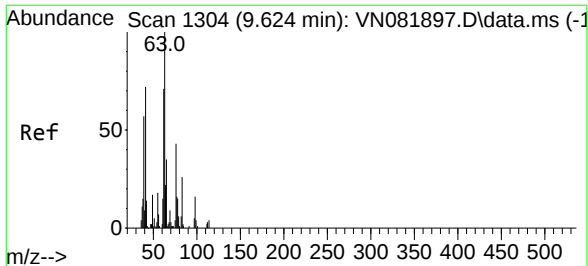


#38
 Methylcyclohexane
 Concen: 18.640 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. -0.006 min
 Lab File: VN082000.D
 Acq: 06 May 2024 09:35



Tgt Ion: 83 Resp: 75221
 Ion Ratio Lower Upper
 83 100
 55 79.0 36.6 109.9
 98 48.4 23.8 71.5





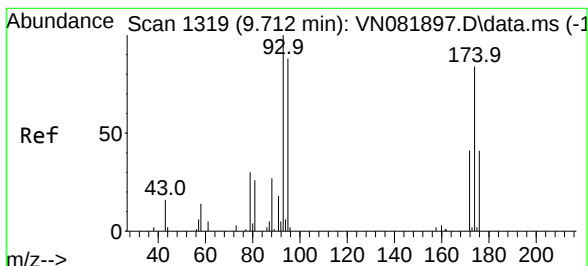
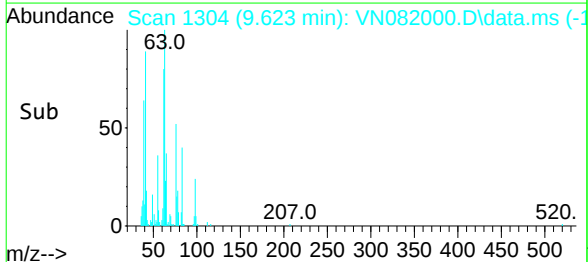
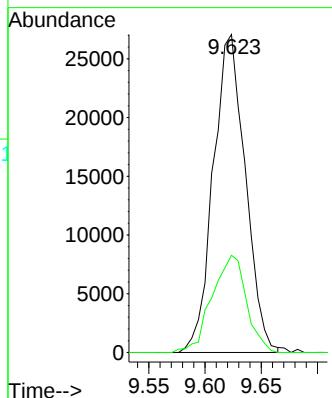
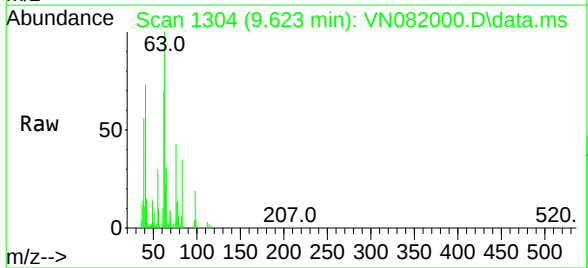
#39
1,2-Dichloropropane
Concen: 19.686 ug/l
RT: 9.623 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 53830
Ion Ratio Lower Upper
63 100
65 30.6 25.0 37.4

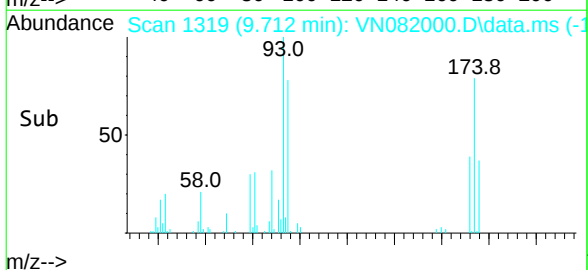
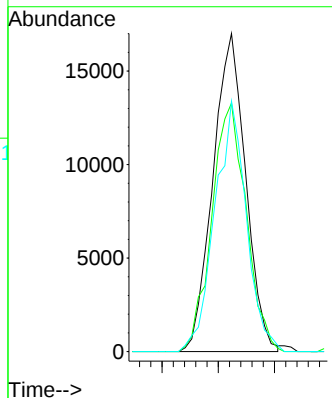
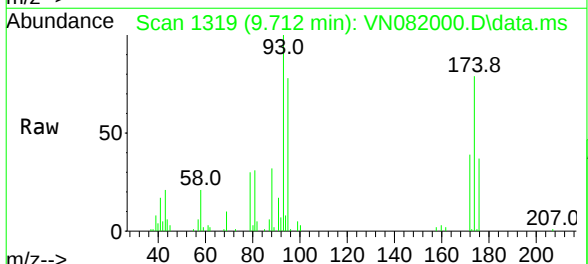
Manual Integrations
APPROVED

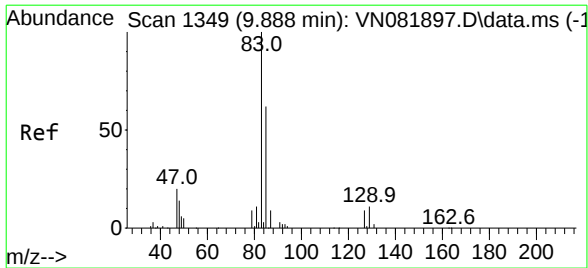
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#40
Dibromomethane
Concen: 19.527 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Tgt Ion: 93 Resp: 34303
Ion Ratio Lower Upper
93 100
95 82.2 0.0 164.6
174 75.8 0.0 193.2





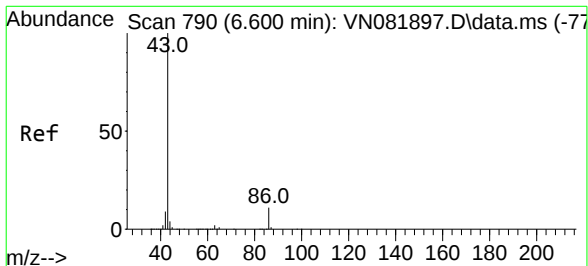
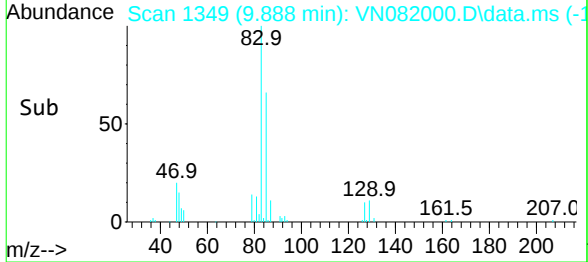
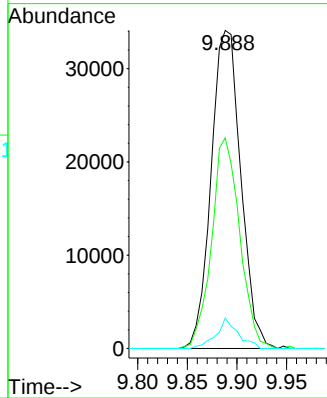
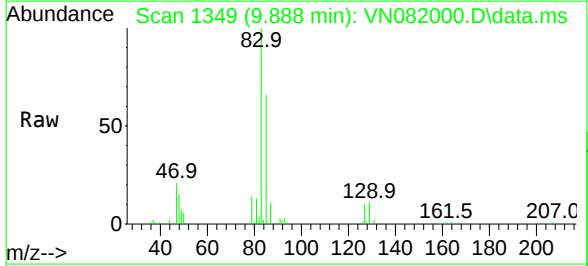
#41
Bromodichloromethane
Concen: 18.874 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument : MSVOA_N
ClientSampleId : VSTDCCC020

Tgt Ion:	83	Resp:	70865
Ion Ratio	Lower	Upper	
83	100		
85	66.2	49.4	74.2
127	9.6	7.3	10.9

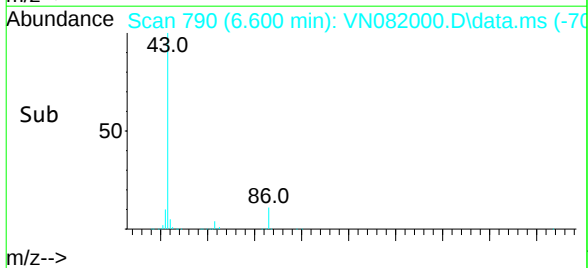
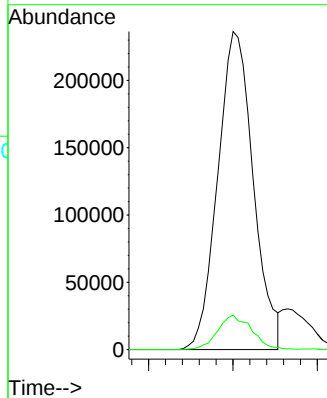
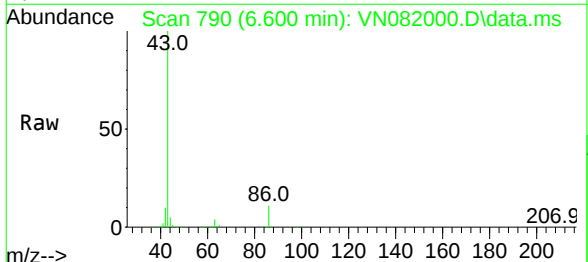
Manual Integrations
APPROVED

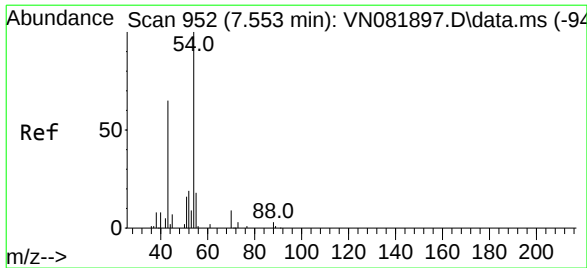
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#42
Vinyl Acetate
Concen: 94.393 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Tgt Ion:	43	Resp:	691817
Ion Ratio	Lower	Upper	
43	100		
86	7.5	9.4	14.2#





#43

Ethyl Acetate

Concen: 19.750 ug/l

RT: 7.553 min Scan# 952

Delta R.T. -0.000 min

Lab File: VN082000.D

Acq: 06 May 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 74147

Ion Ratio Lower Upper

43 100

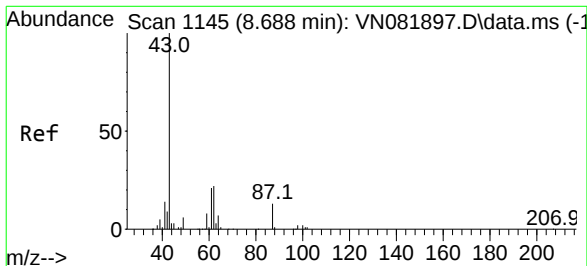
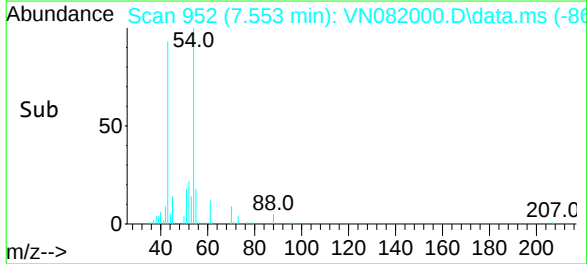
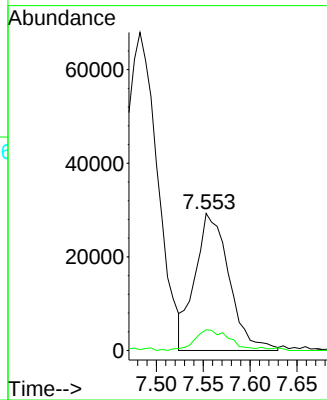
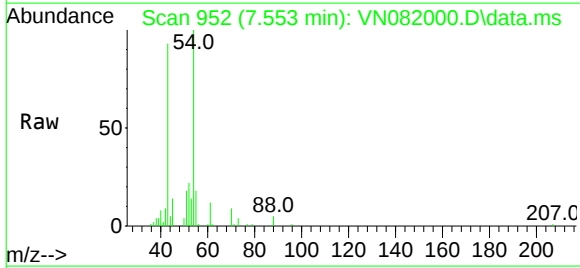
45 15.2 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#44

Isopropyl Acetate

Concen: 19.179 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN082000.D

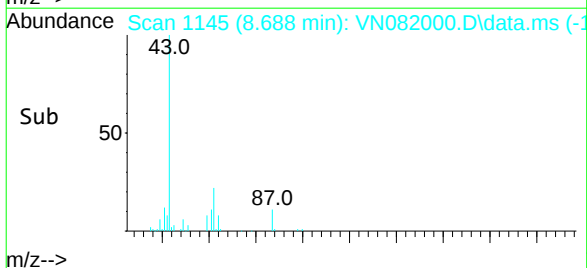
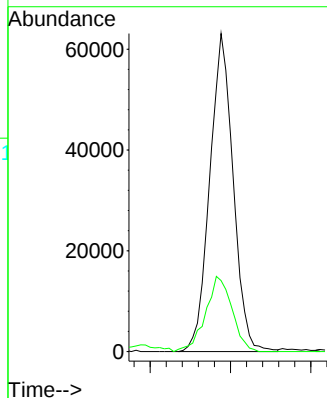
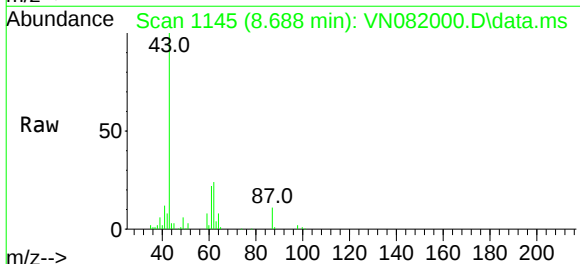
Acq: 06 May 2024 09:35

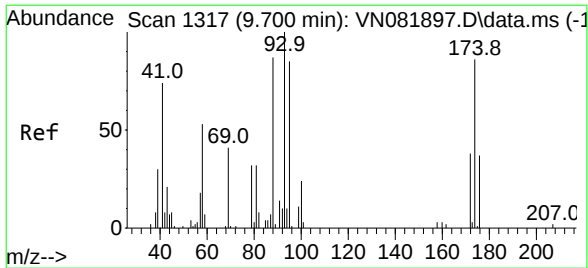
Tgt Ion: 43 Resp: 127836

Ion Ratio Lower Upper

43 100

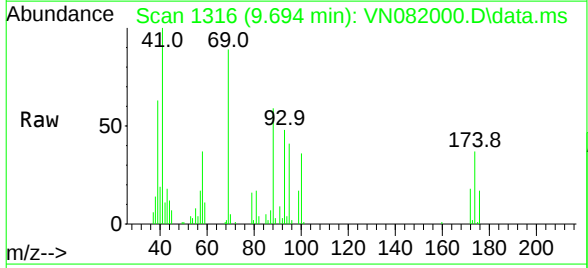
61 26.6 25.0 37.4





#45
1,4-Dioxane
Concen: 385.683 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

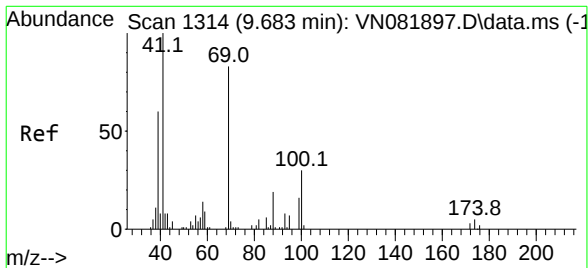
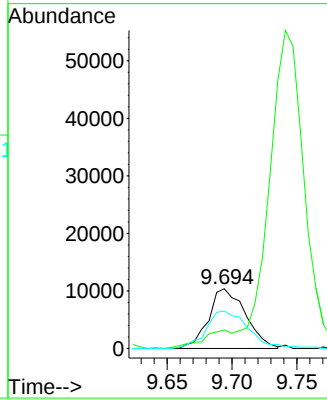
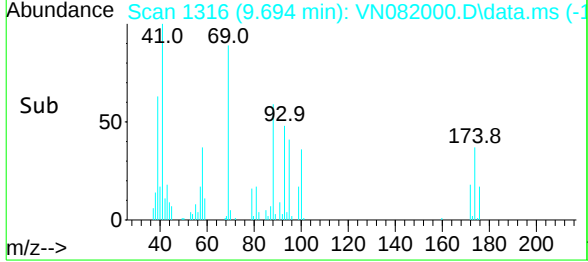
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



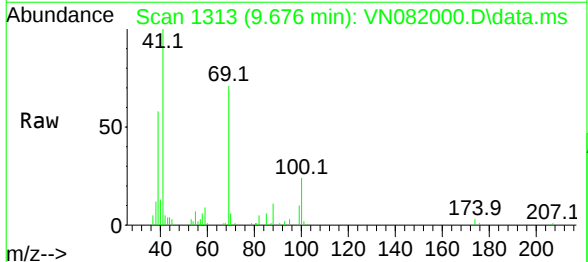
Tgt Ion: 88 Resp: 20616
Ion Ratio Lower Upper
88 100
43 25.6 19.8 29.6
58 70.3 55.4 83.0

Manual Integrations
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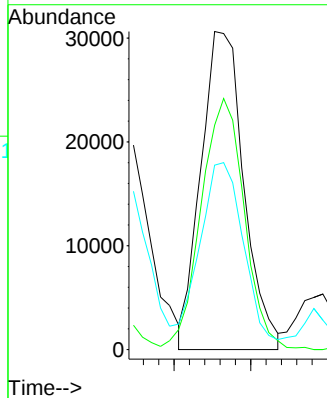
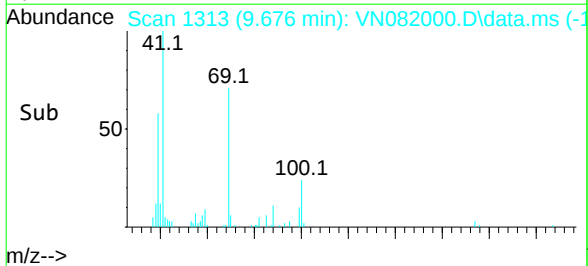
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

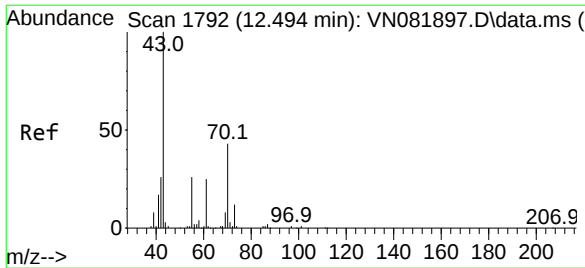


#46
Methyl methacrylate
Concen: 19.563 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35



Tgt Ion: 41 Resp: 59571
Ion Ratio Lower Upper
41 100
69 71.4 51.1 153.3
39 57.8 25.8 77.3





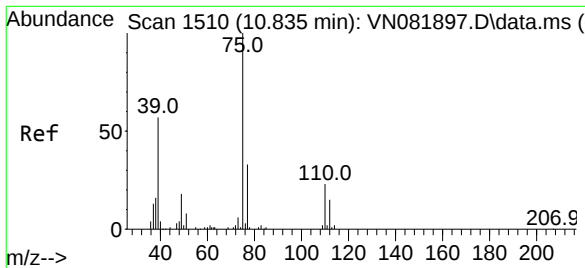
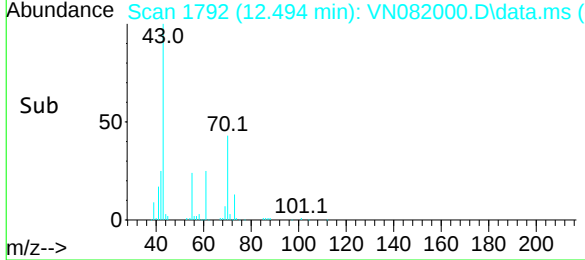
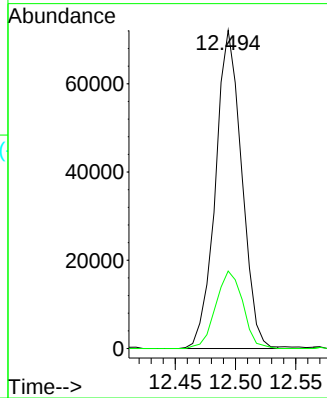
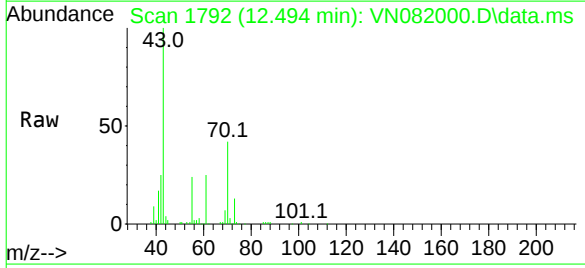
#47
n-amy1 Acetate
Concen: 18.192 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 109363
Ion Ratio Lower Upper
43 100
55 25.1 23.4 35.2

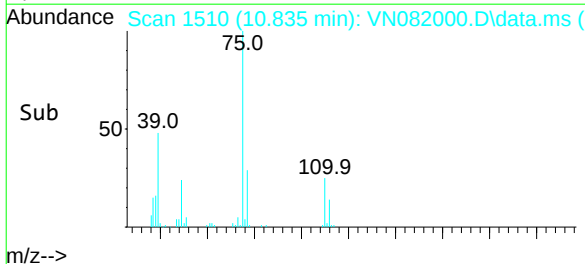
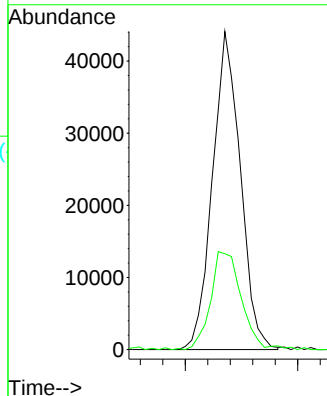
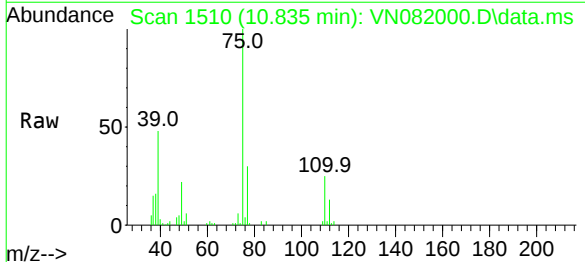
Manual Integrations
APPROVED

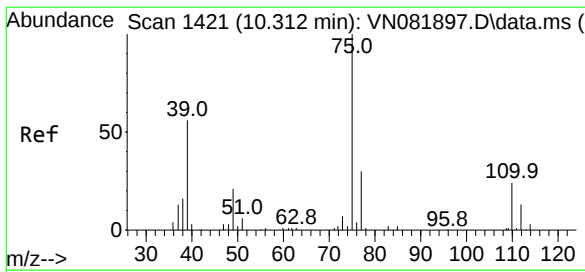
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#48
t-1,3-Dichloropropene
Concen: 18.614 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Tgt Ion: 75 Resp: 75790
Ion Ratio Lower Upper
75 100
77 29.8 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 19.341 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN082000.D

Acq: 06 May 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

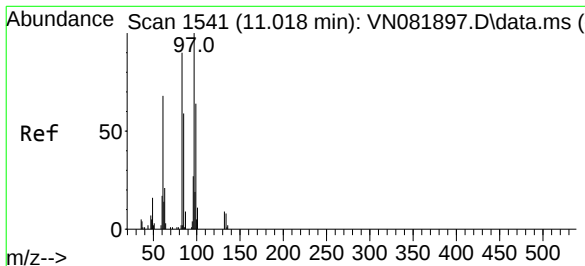
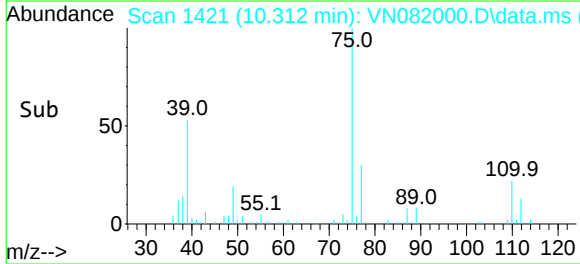
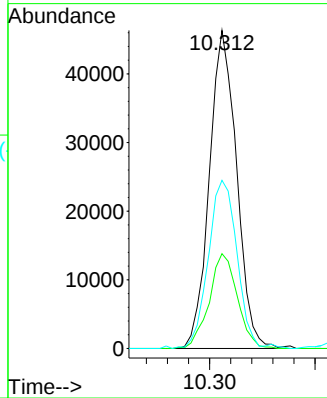
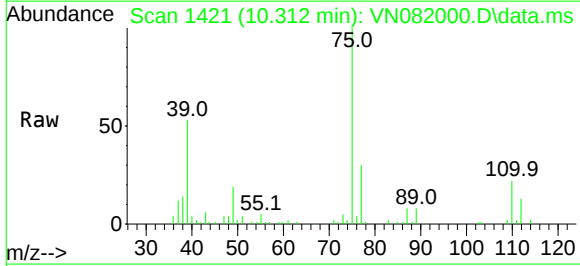
Tgt Ion: 75	Resp: 83260
Ion Ratio	Lower Upper
75 100	
77 29.8	24.9 37.3
39 52.3	31.0 46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#50

1,1,2-Trichloroethane

Concen: 20.201 ug/l

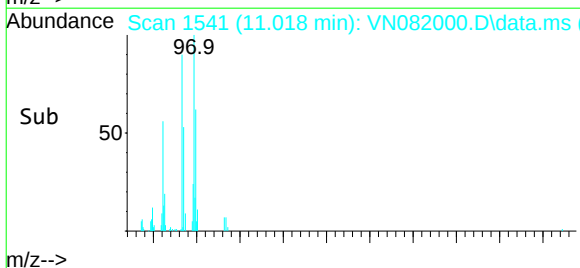
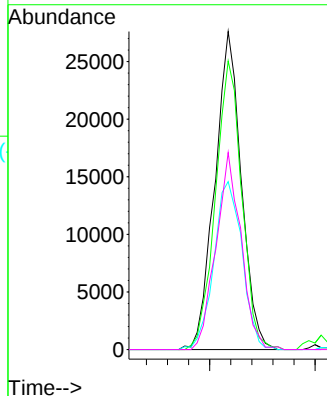
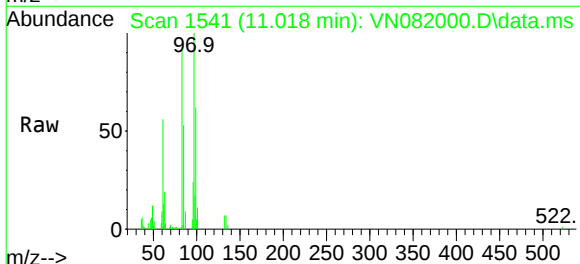
RT: 11.018 min Scan# 1541

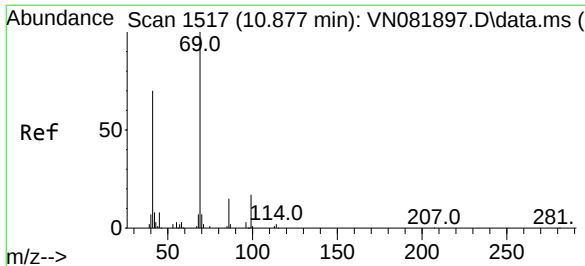
Delta R.T. -0.000 min

Lab File: VN082000.D

Acq: 06 May 2024 09:35

Tgt Ion: 97	Resp: 48145
Ion Ratio	Lower Upper
97 100	
83 90.8	68.1 102.1
85 52.8	41.8 62.6
99 62.0	47.0 70.4





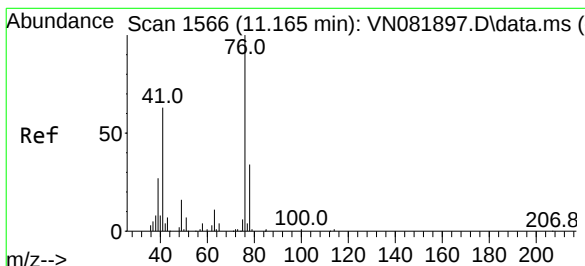
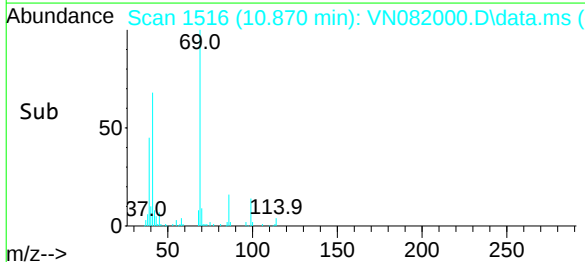
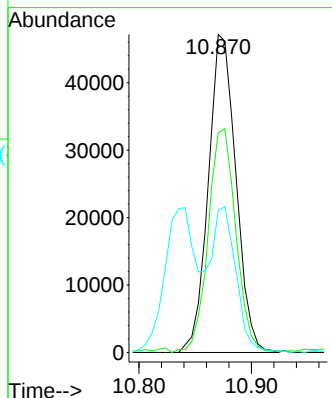
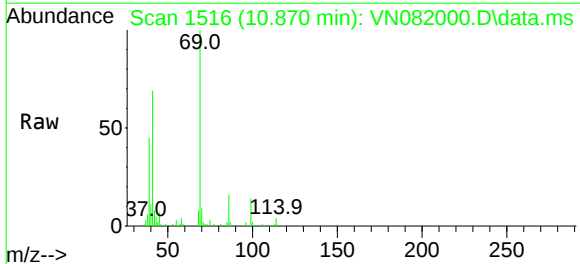
#51
Ethyl methacrylate
Concen: 17.914 ug/l
RT: 10.870 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.5	25.5	76.5
39	43.4	16.0	47.9

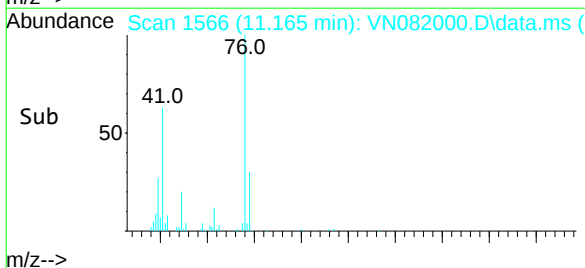
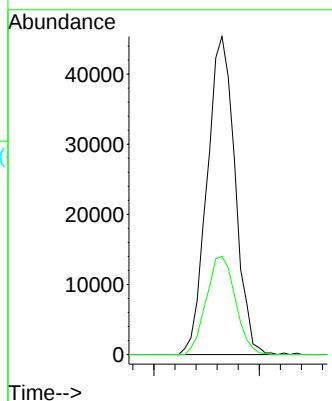
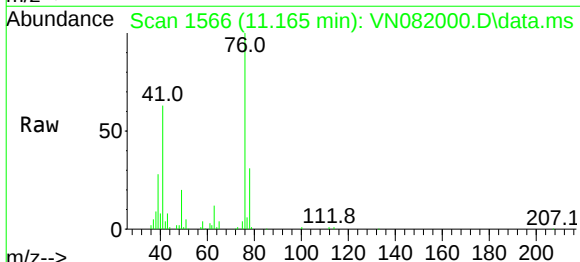
Manual Integrations
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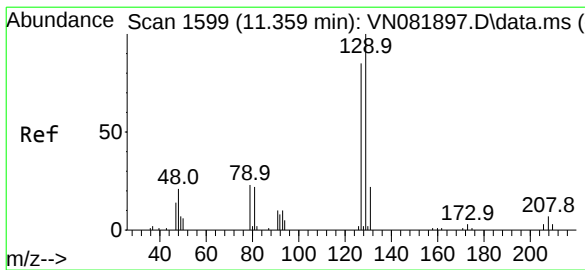
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#52
1,3-Dichloropropane
Concen: 19.076 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.2	0.0	65.8





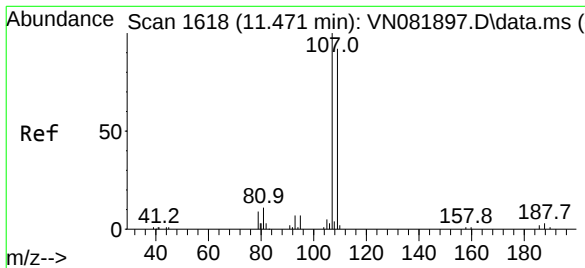
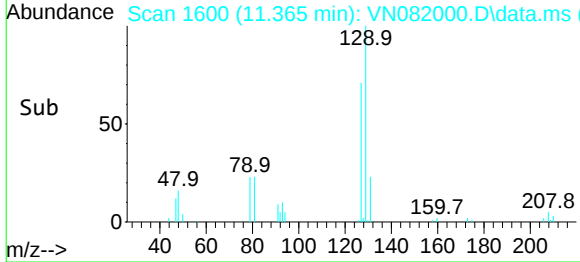
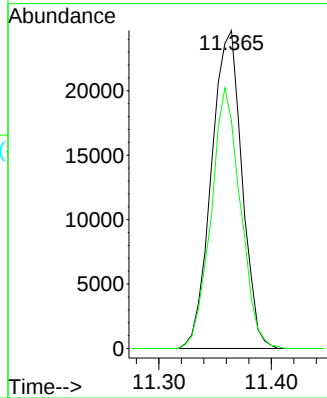
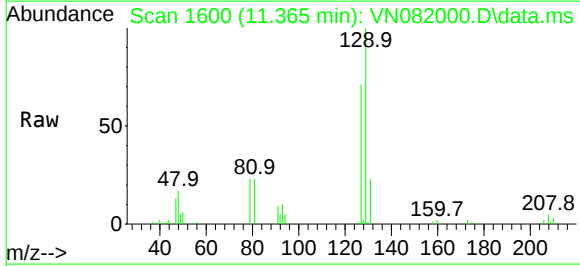
#53
Dibromochloromethane
Concen: 17.952 ug/l
RT: 11.365 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 46551
Ion Ratio Lower Upper
129 100
127 78.8 39.4 118.1

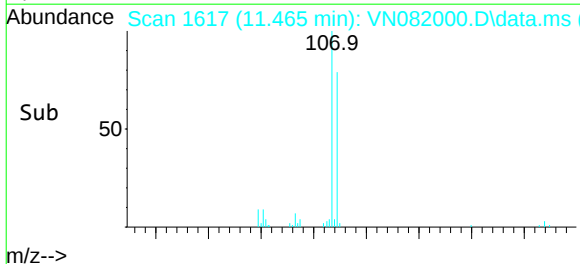
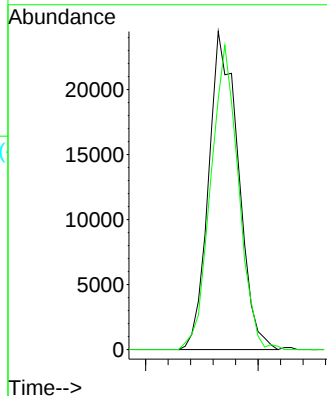
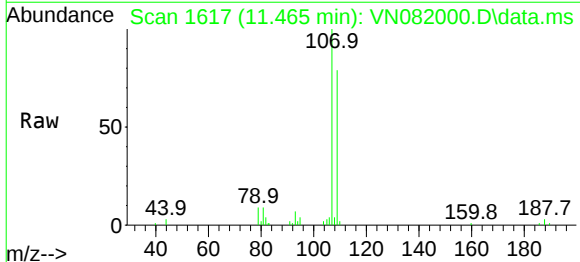
Manual Integrations
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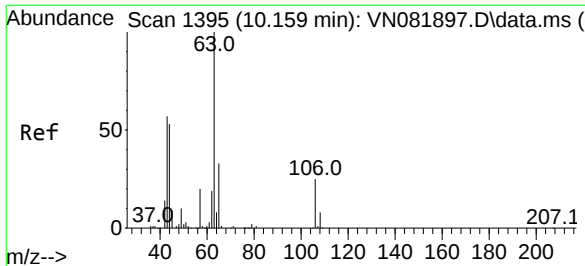
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#54
1,2-Dibromoethane
Concen: 18.804 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

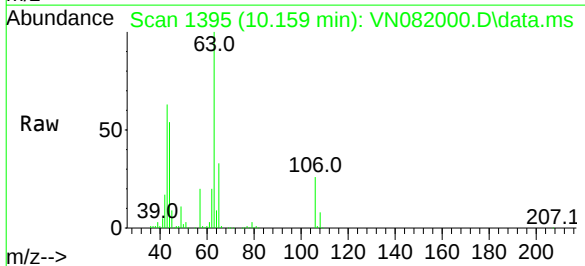
Tgt Ion:107 Resp: 44695
Ion Ratio Lower Upper
107 100
109 89.2 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 104.557 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

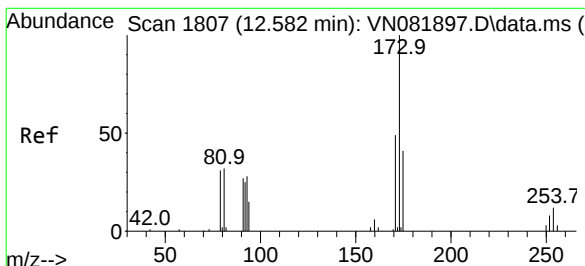
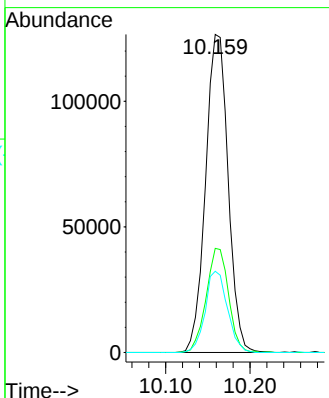
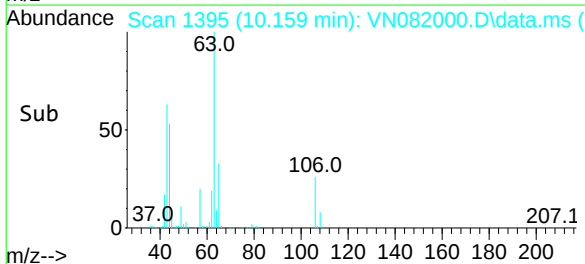
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



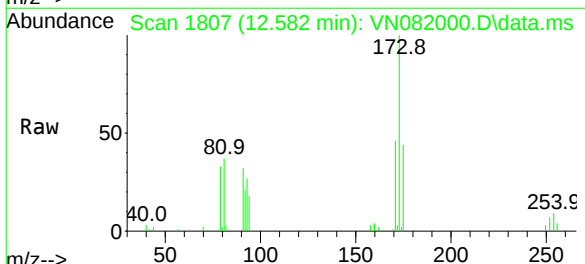
Tgt Ion: 63 Resp: 235178
Ion Ratio Lower Upper
63 100
65 32.5 26.2 39.2
106 25.2 23.8 35.8

Manual Integrations
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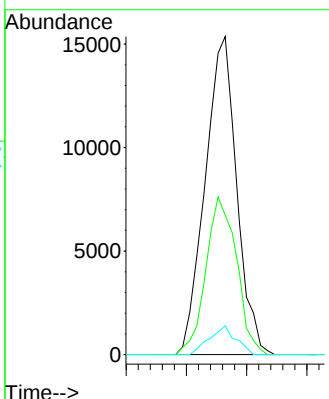
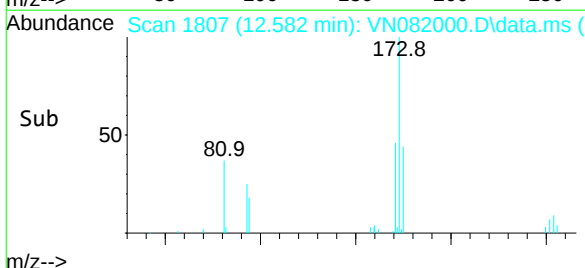
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

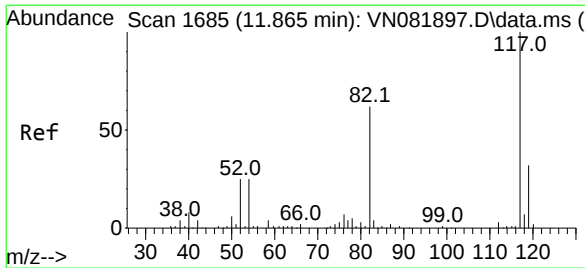


#56
Bromoform
Concen: 17.742 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35



Tgt Ion:173 Resp: 28000
Ion Ratio Lower Upper
173 100
175 48.2 40.0 60.0
254 7.5 8.3 12.5#





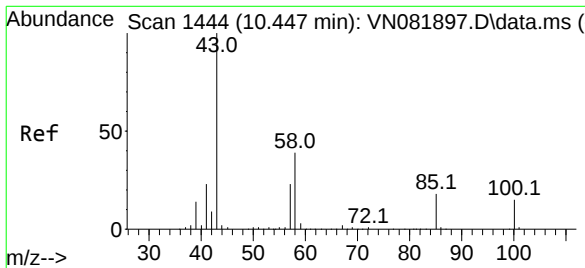
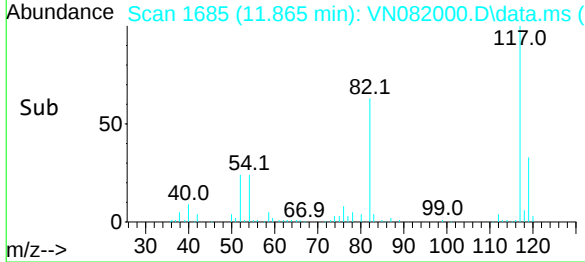
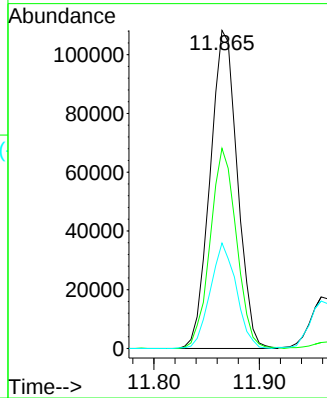
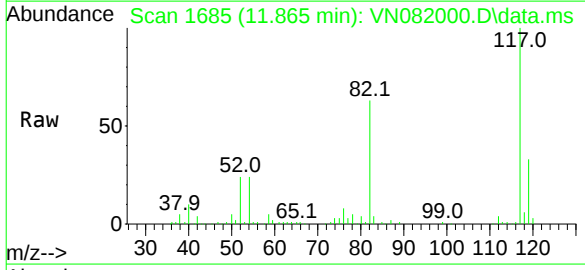
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 117 Resp: 194697
Ion Ratio Lower Upper
117 100
82 60.6 46.6 69.8
119 31.7 25.4 38.2

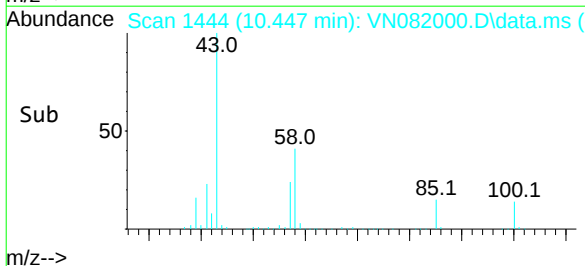
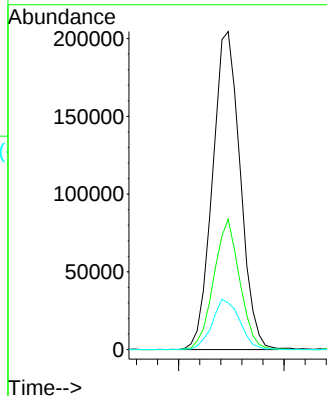
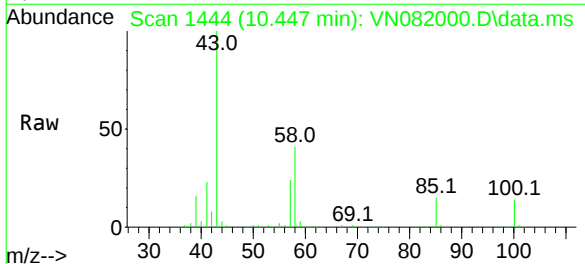
Manual Integrations
APPROVED

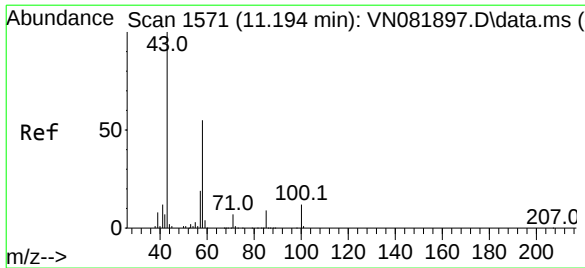
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#58
4-Methyl-2-Pentanone
Concen: 98.871 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

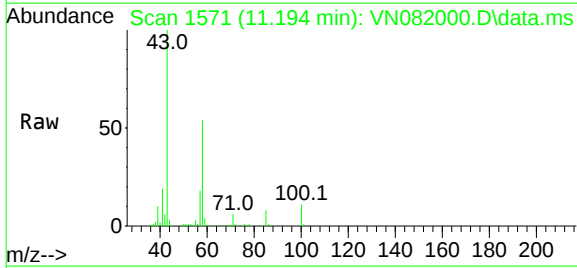
Tgt Ion: 43 Resp: 373773
Ion Ratio Lower Upper
43 100
58 38.2 36.5 54.7
85 15.3 19.5 29.3#





#59
2-Hexanone
Concen: 100.240 ug/l m
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

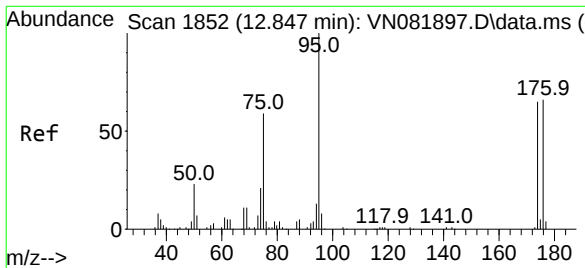
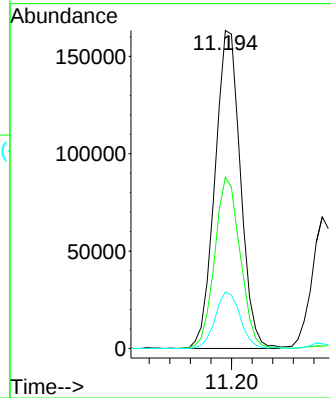
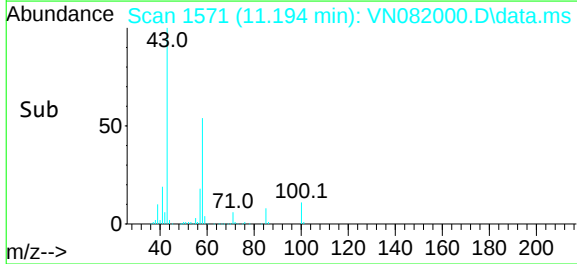
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



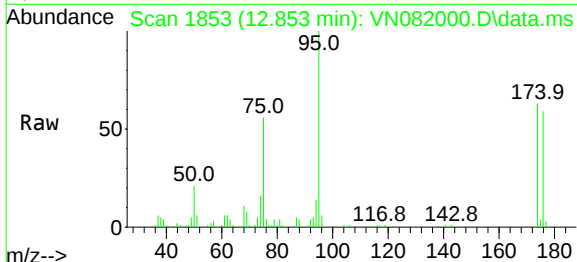
Tgt Ion: 43 Resp: 280971
Ion Ratio Lower Upper
43 100
58 1.0 50.4 75.6#
57 0.3 18.6 27.8#

Manual Integrations
APPROVED

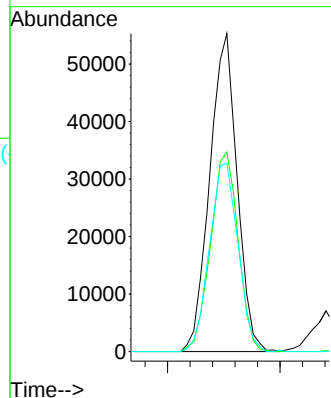
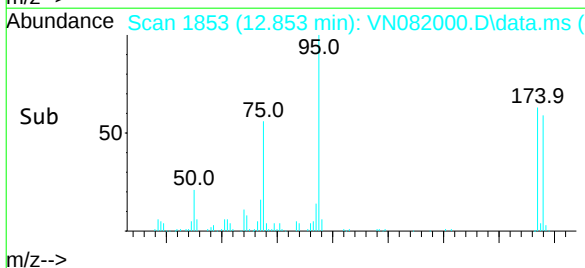
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

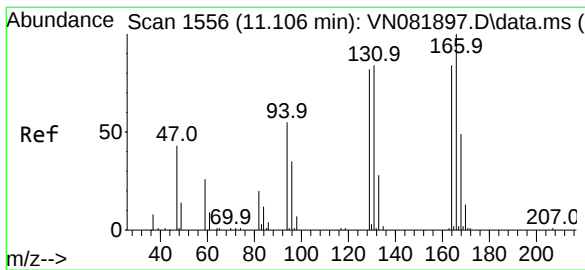


#60
4-Bromofluorobenzene
Concen: 28.862 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35



Tgt Ion: 95 Resp: 93519
Ion Ratio Lower Upper
95 100
174 62.9 60.5 90.7
176 61.7 57.8 86.6





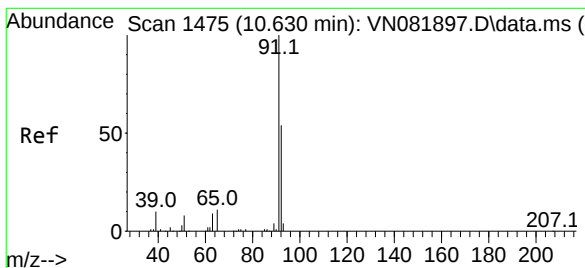
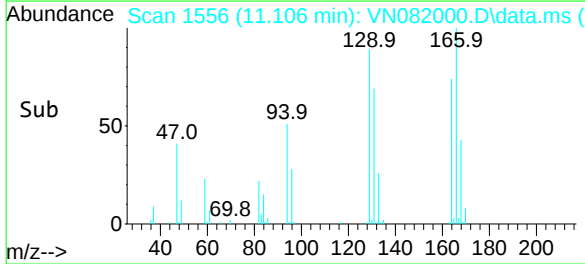
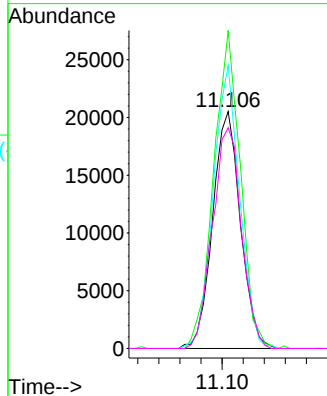
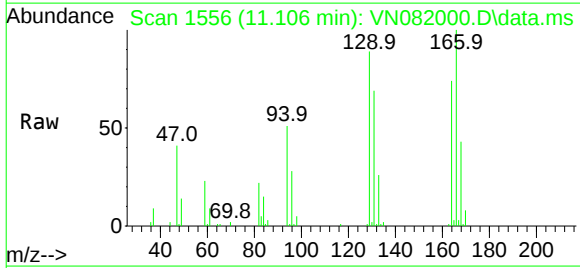
#61
Tetrachloroethene
Concen: 17.347 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:164 Resp: 37475
Ion Ratio Lower Upper
164 100
166 134.2 106.7 160.1
129 119.5 85.8 128.6
131 93.2 79.1 118.7

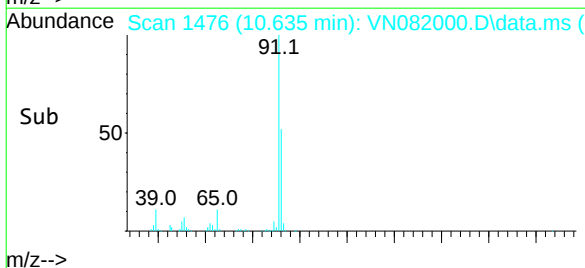
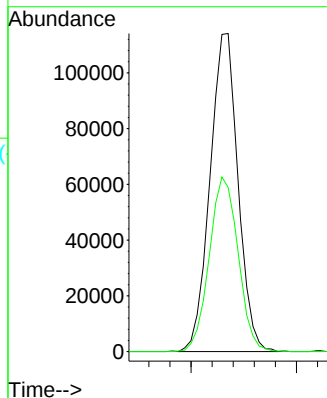
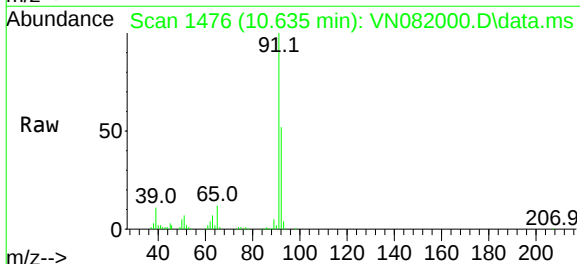
Manual Integrations
APPROVED

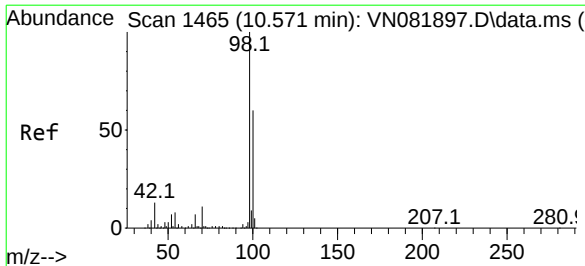
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#62
Toluene
Concen: 19.227 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

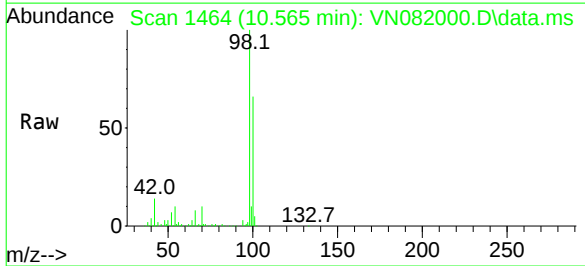
Tgt Ion: 91 Resp: 210627
Ion Ratio Lower Upper
91 100
92 56.5 46.5 69.7





#63
Toluene-d8
Concen: 30.661 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

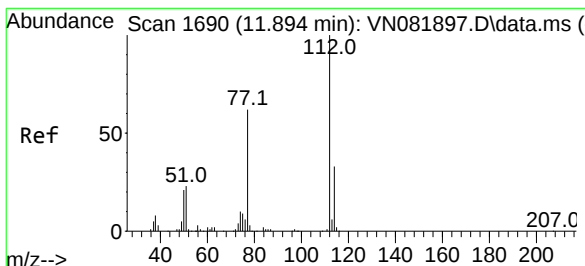
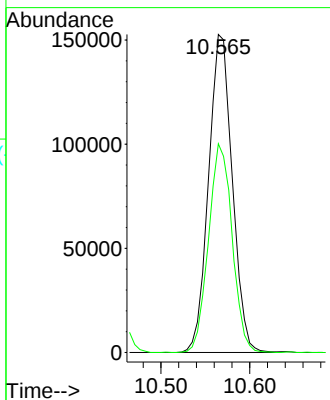
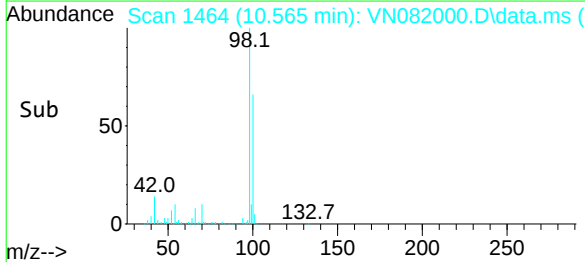
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



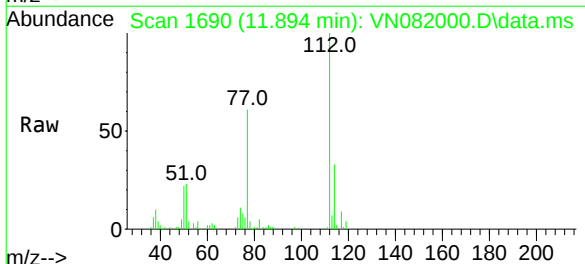
Tgt Ion: 98 Resp: 283496
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

Manual Integrations
APPROVED

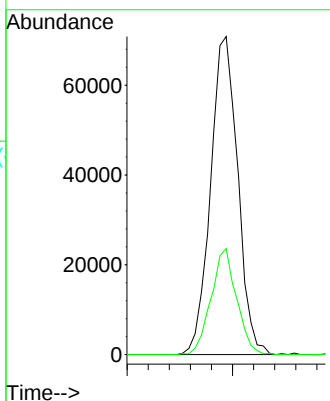
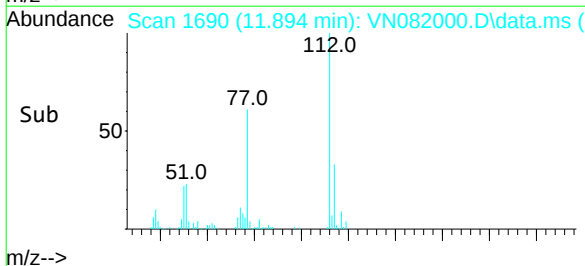
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

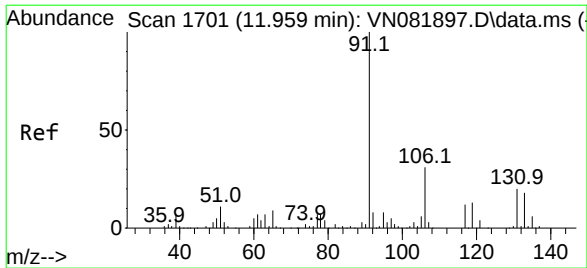


#64
Chlorobenzene
Concen: 18.951 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35



Tgt Ion:112 Resp: 126977
Ion Ratio Lower Upper
112 100
114 33.4 26.6 39.8





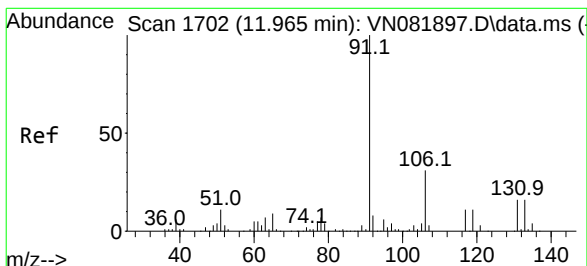
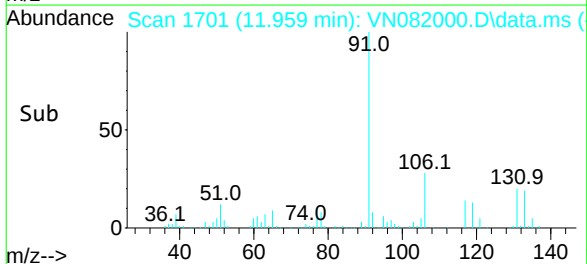
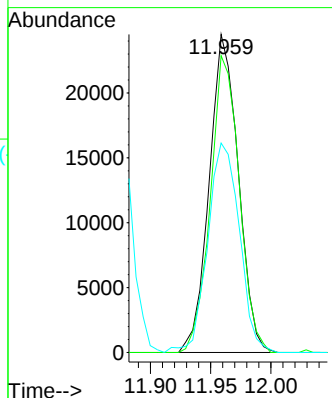
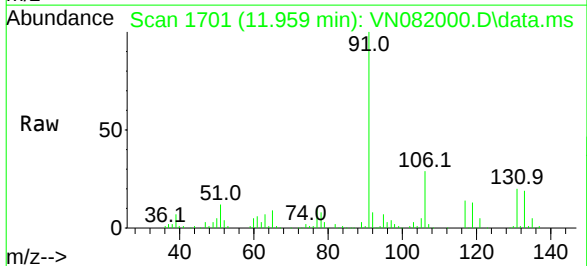
#65
1,1,1,2-Tetrachloroethane
Concen: 18.758 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 41136
Ion Ratio Lower Upper
131 100
133 92.7 0.0 188.0
119 71.0 0.0 122.8

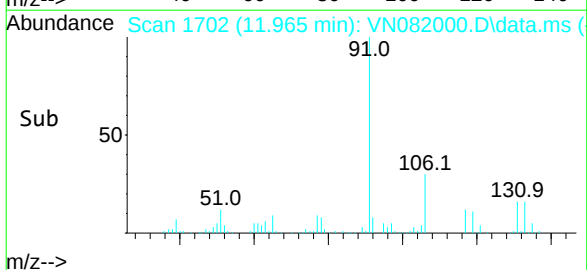
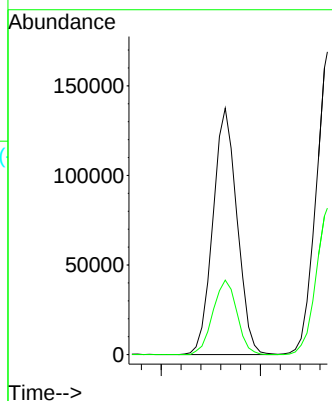
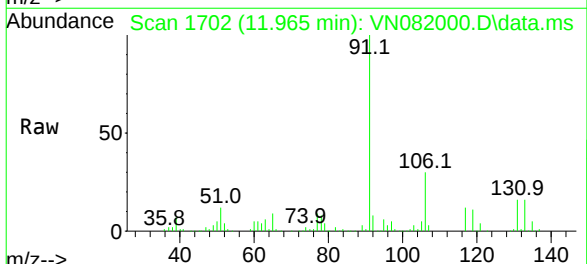
Manual Integrations
APPROVED

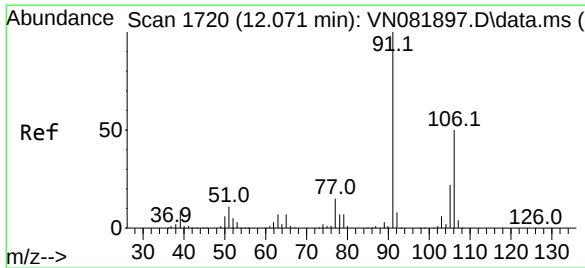
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#66
Ethyl Benzene
Concen: 19.379 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Tgt Ion: 91 Resp: 232699
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6





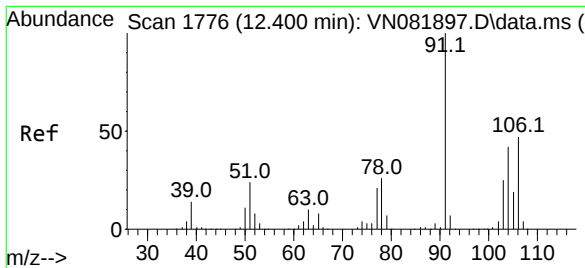
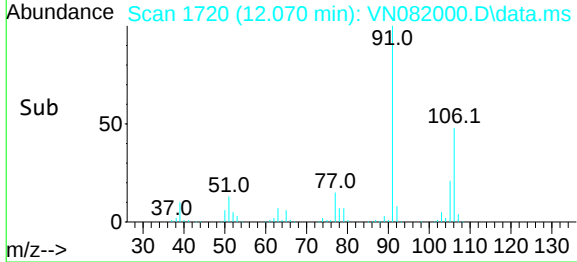
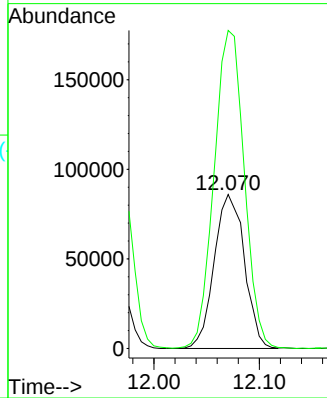
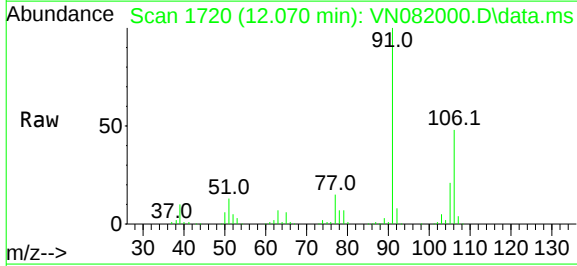
#67
m/p-Xylenes
Concen: 38.477 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 171303
Ion Ratio Lower Upper
106 100
91 206.1 166.6 249.8

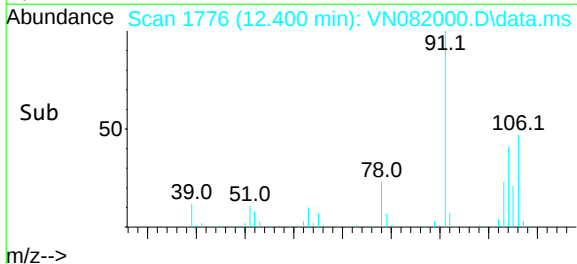
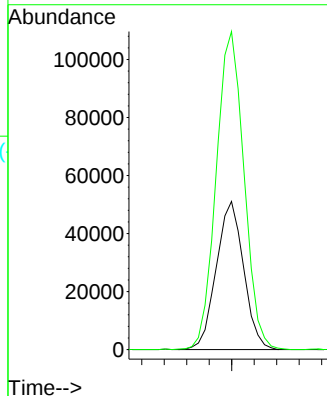
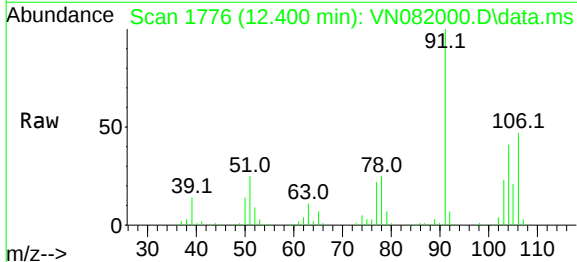
Manual Integrations
APPROVED

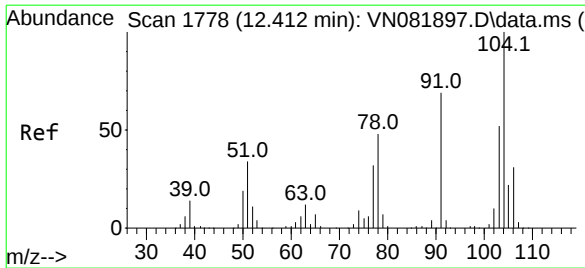
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#68
o-Xylene
Concen: 19.582 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Tgt Ion:106 Resp: 86253
Ion Ratio Lower Upper
106 100
91 218.3 110.0 330.0





#69

Styrene

Concen: 19.048 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN082000.D

Acq: 06 May 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

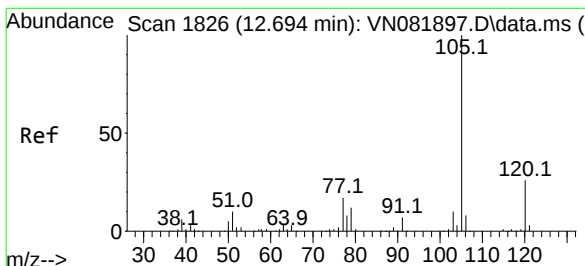
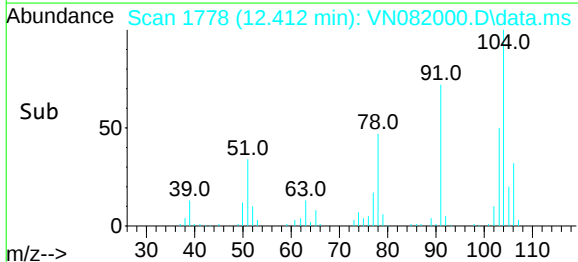
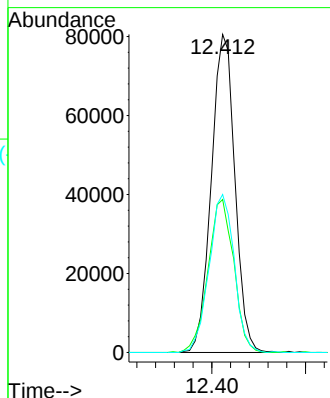
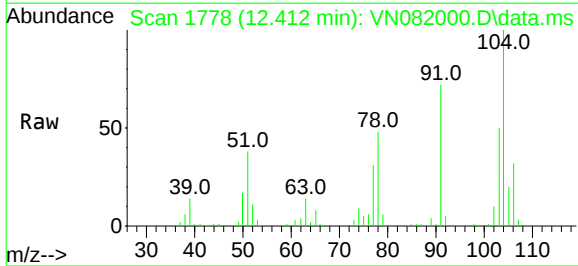
Tgt Ion:	104	Resp:	140846
Ion	Ratio	Lower	Upper
104	100		
78	52.4	42.6	64.0
103	52.9	43.7	65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#70

Isopropylbenzene

Concen: 18.952 ug/l

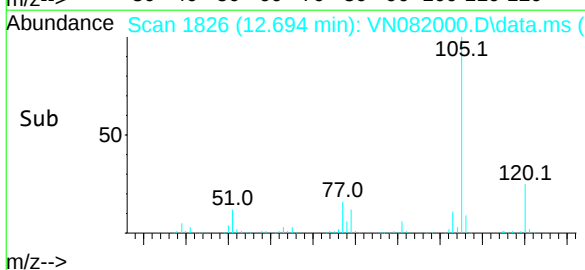
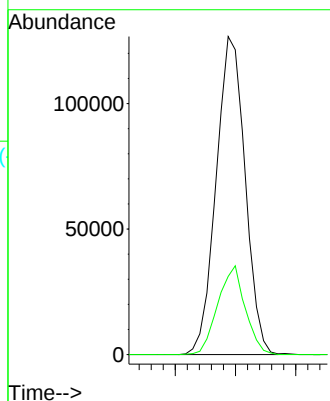
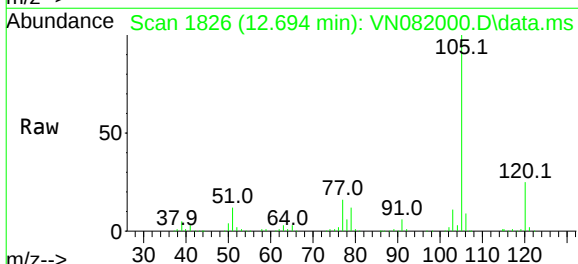
RT: 12.694 min Scan# 1826

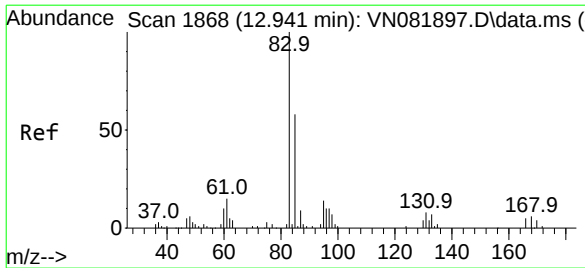
Delta R.T. -0.000 min

Lab File: VN082000.D

Acq: 06 May 2024 09:35

Tgt Ion:	105	Resp:	212021
Ion	Ratio	Lower	Upper
105	100		
120	26.3	17.8	33.1





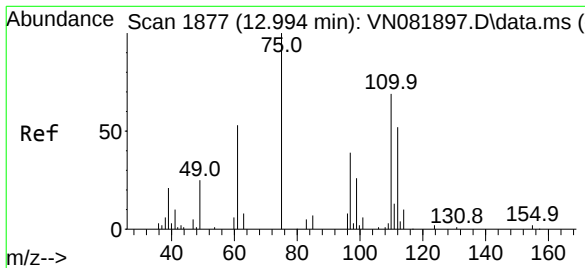
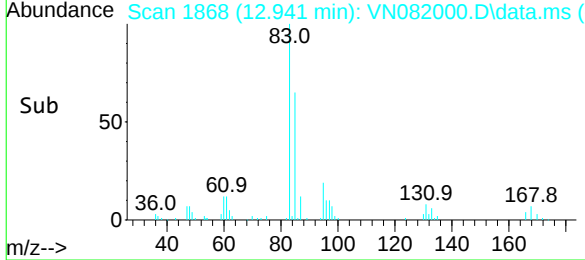
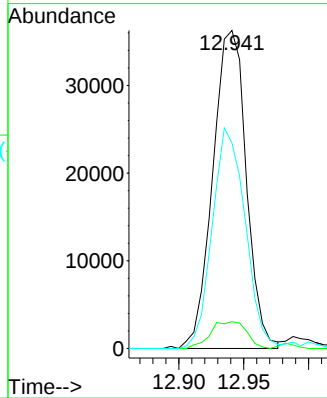
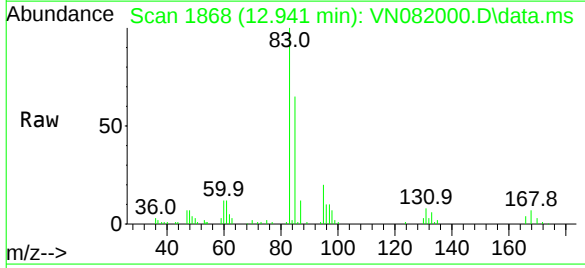
#71
1,1,2,2-Tetrachloroethane
Concen: 20.229 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:	83	Resp:	65125
Ion	Ratio	Lower	Upper
83	100		
131	4.5	5.2	15.6
85	67.9	32.3	96.8

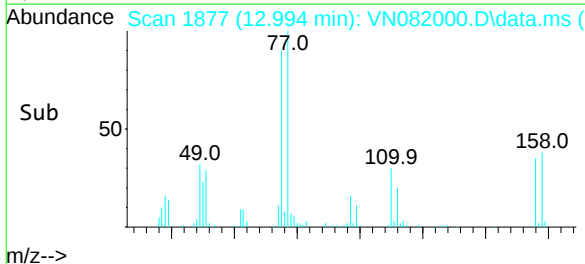
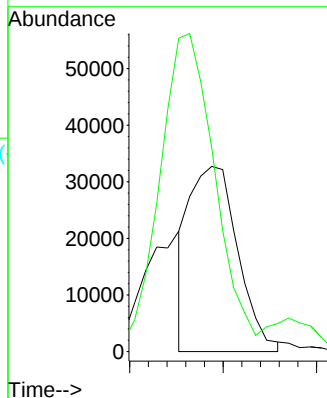
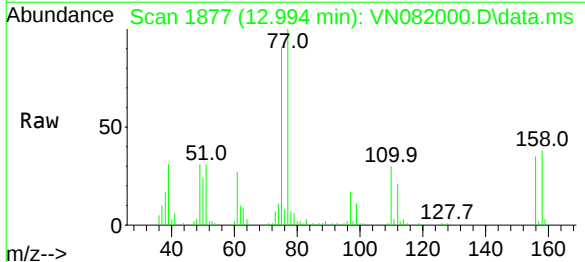
Manual Integrations
APPROVED

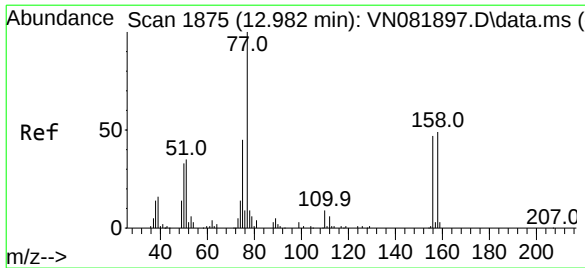
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#72
1,2,3-Trichloropropane
Concen: 19.515 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Tgt Ion:	75	Resp:	58736
Ion	Ratio	Lower	Upper
75	100		
77	197.0	0.0	367.6





#73

Bromobenzene

Concen: 18.390 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN082000.D

Acq: 06 May 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

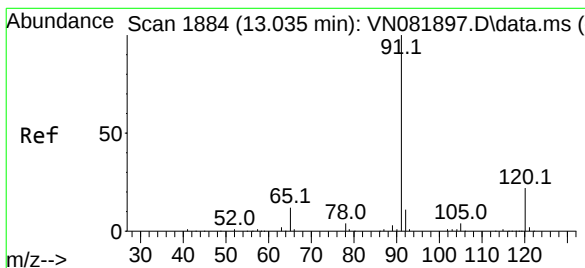
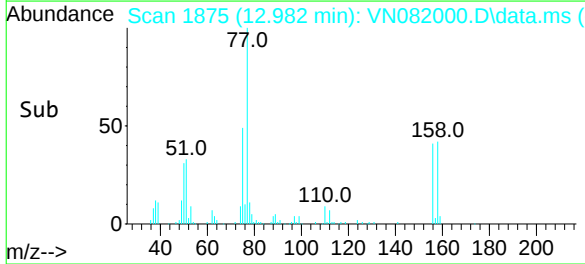
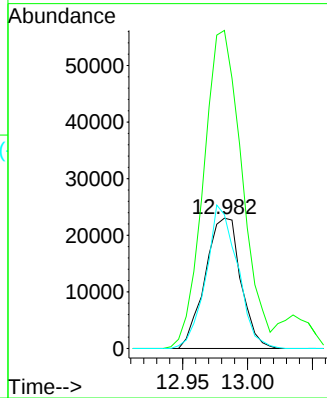
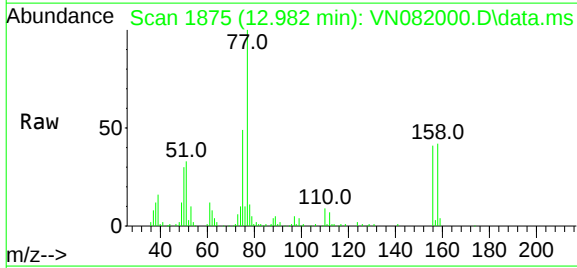
Tgt Ion:	156	Resp:	44040
Ion Ratio	Lower	Upper	
156	100		
77	262.8	0.0	437.6
158	97.7	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#74

n-propylbenzene

Concen: 19.771 ug/l

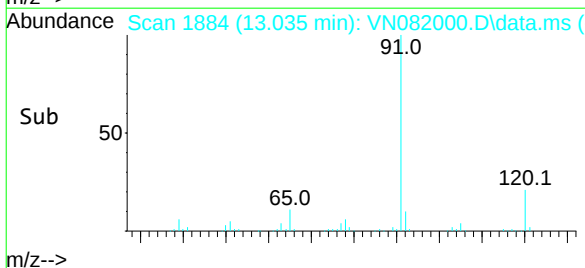
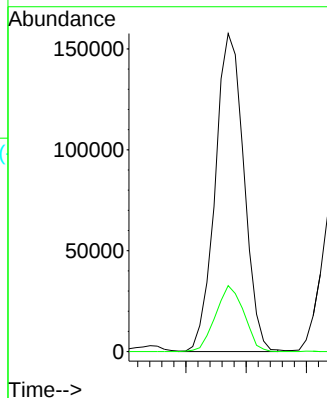
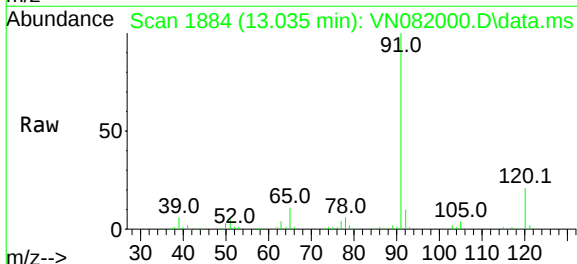
RT: 13.035 min Scan# 1884

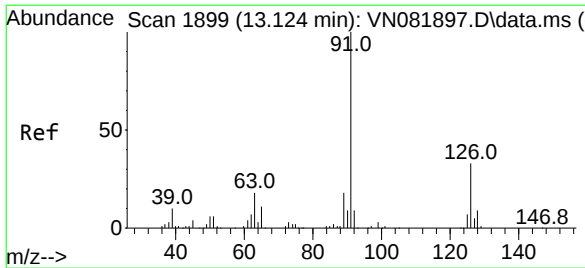
Delta R.T. -0.000 min

Lab File: VN082000.D

Acq: 06 May 2024 09:35

Tgt Ion:	91	Resp:	260945
Ion Ratio	Lower	Upper	
91	100		
120	20.5	0.0	43.8





#75

2-Chlorotoluene

Concen: 18.321 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN082000.D

Acq: 06 May 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 91 Resp: 149588

Ion Ratio Lower Upper

91 100

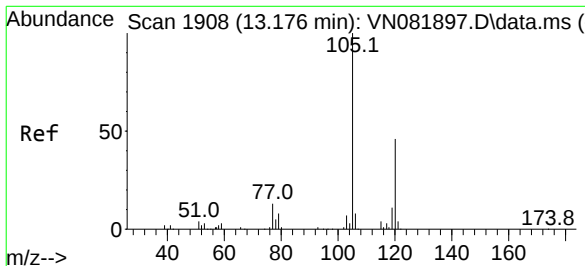
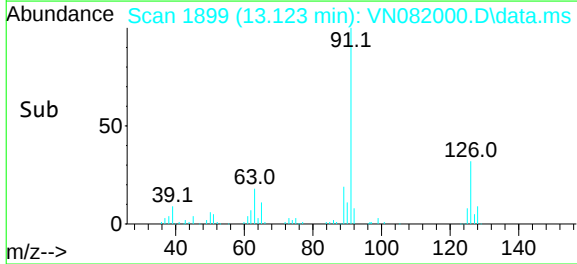
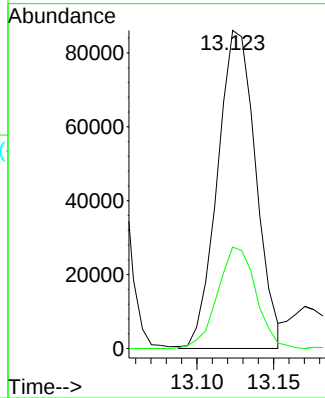
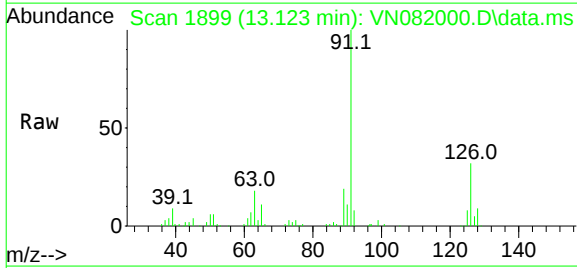
126 31.9 0.0 61.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#76

1,3,5-Trimethylbenzene

Concen: 18.967 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082000.D

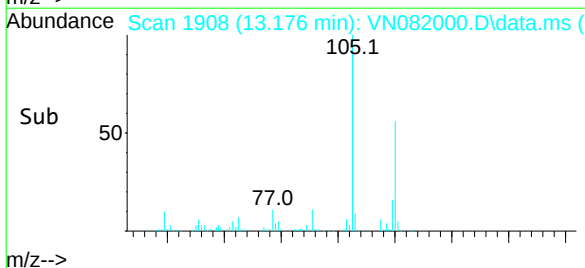
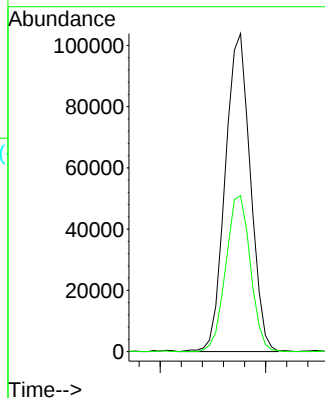
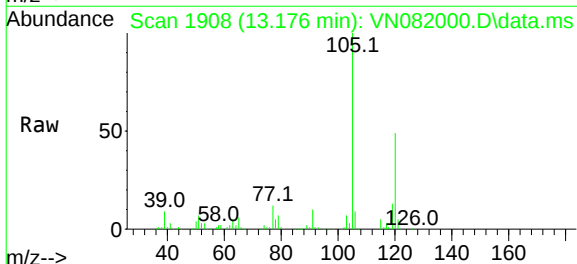
Acq: 06 May 2024 09:35

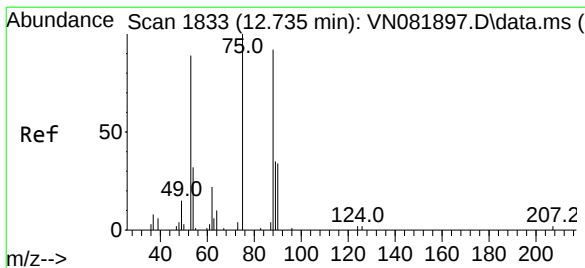
Tgt Ion:105 Resp: 171750

Ion Ratio Lower Upper

105 100

120 48.1 0.0 95.8





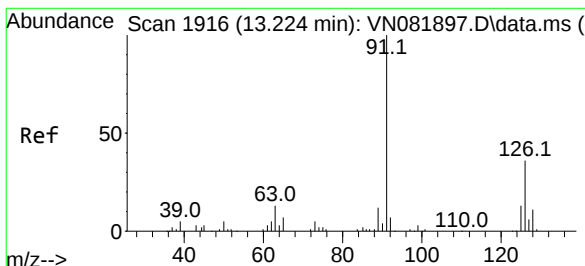
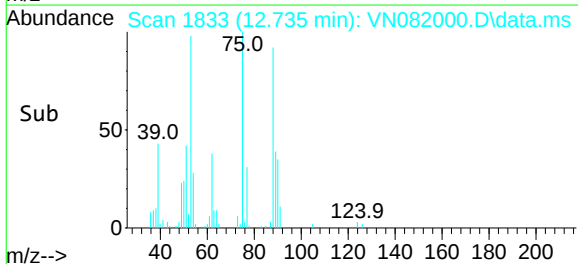
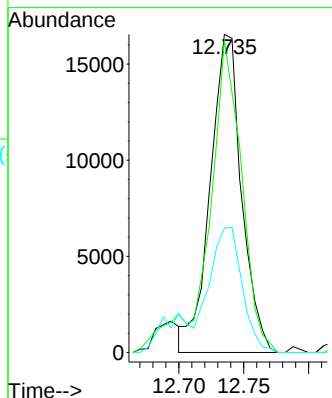
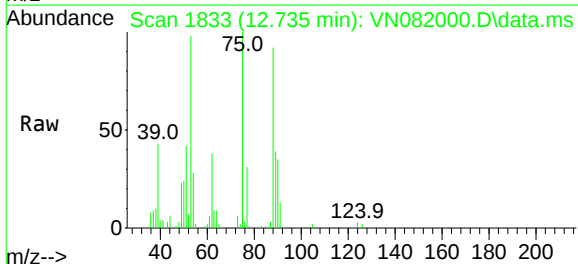
#77
t-1,4-Dichloro-2-butene
Concen: 20.728 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.0	45.9	137.7
89	39.1	25.9	77.7

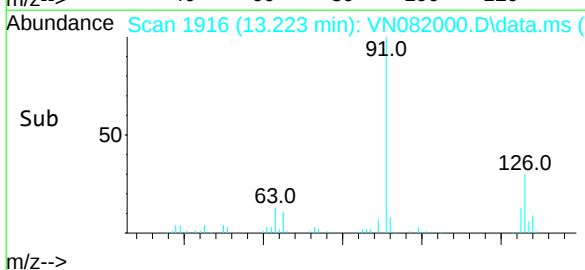
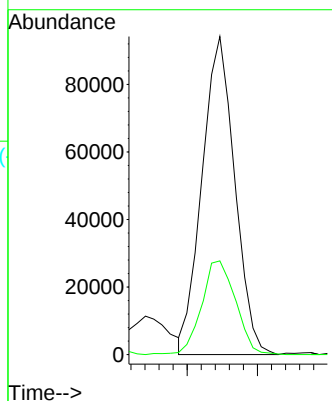
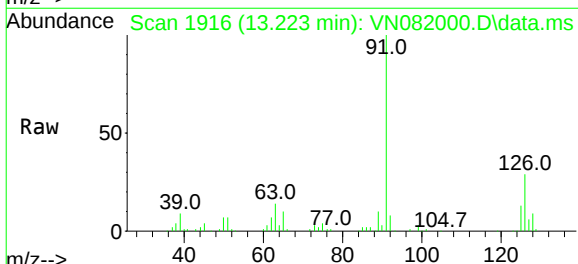
Manual Integrations
APPROVED

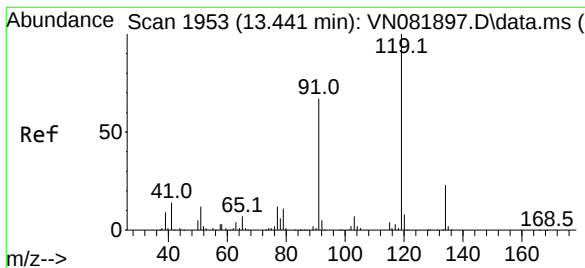
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#78
4-Chlorotoluene
Concen: 19.048 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	0.0	62.8





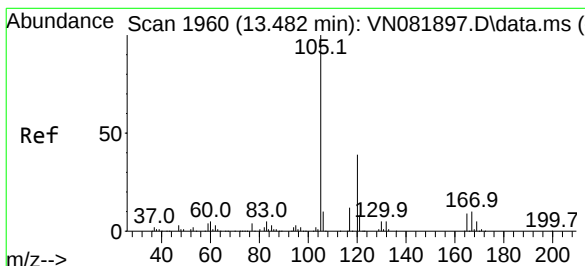
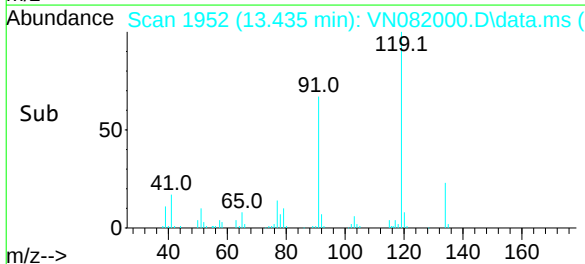
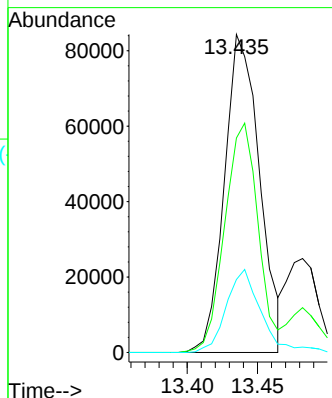
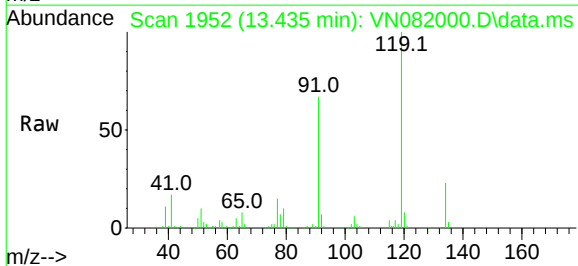
#79
tert-butylbenzene
Concen: 18.807 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
119	100		
91	68.7	0.0	138.8
134	25.0	0.0	48.6

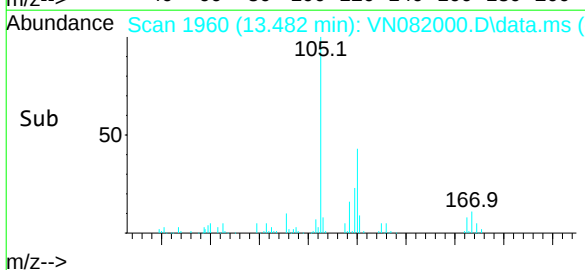
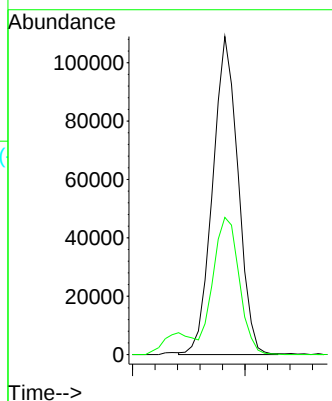
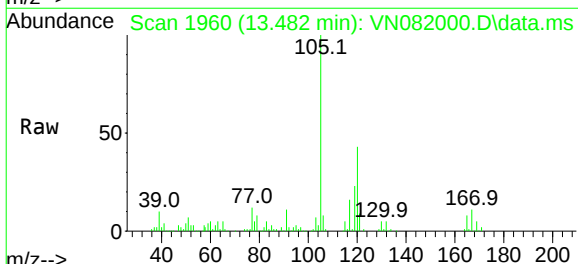
Manual Integrations
APPROVED

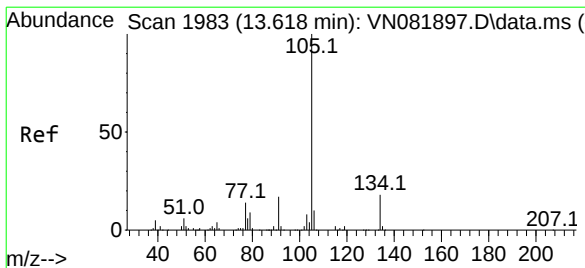
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#80
1,2,4-Trimethylbenzene
Concen: 18.819 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	0.0	86.8





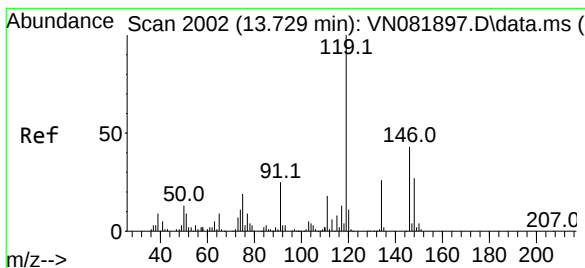
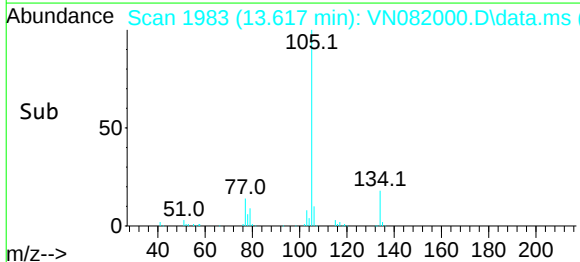
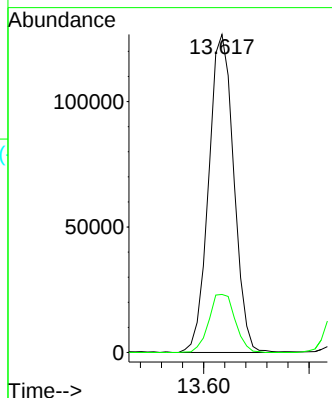
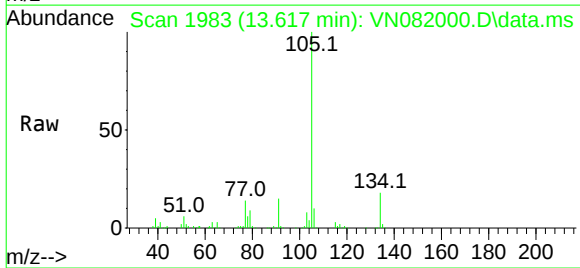
#81
sec-Butylbenzene
Concen: 19.196 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:105 Resp: 209792
Ion Ratio Lower Upper
105 100
134 19.2 0.0 39.0

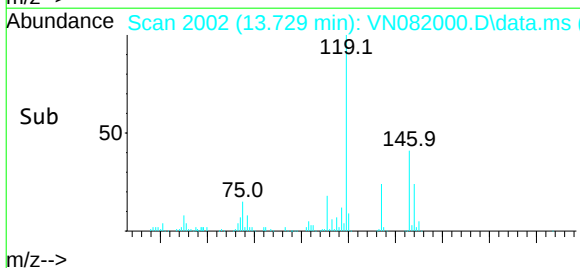
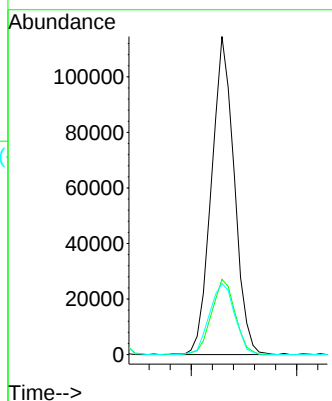
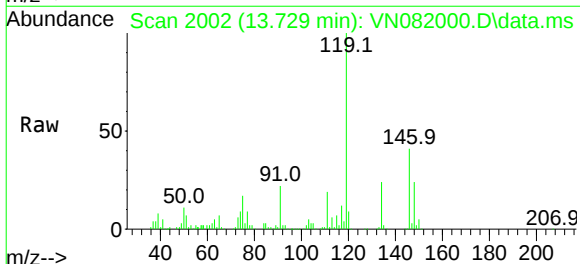
Manual Integrations
APPROVED

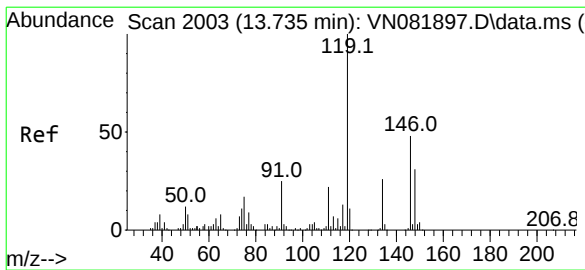
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#82
p-Isopropyltoluene
Concen: 19.922 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Tgt Ion:119 Resp: 172161
Ion Ratio Lower Upper
119 100
134 24.5 0.0 49.2
91 24.8 0.0 48.8





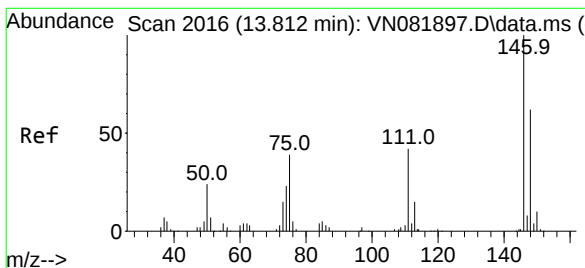
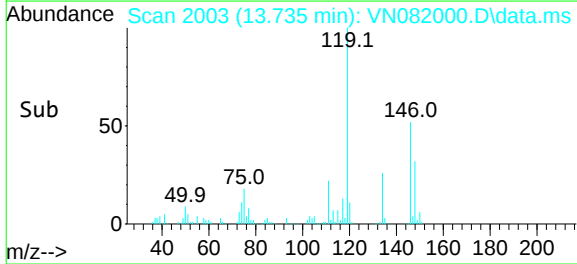
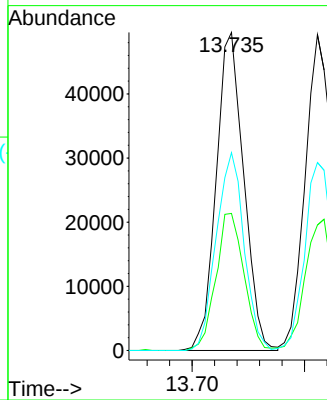
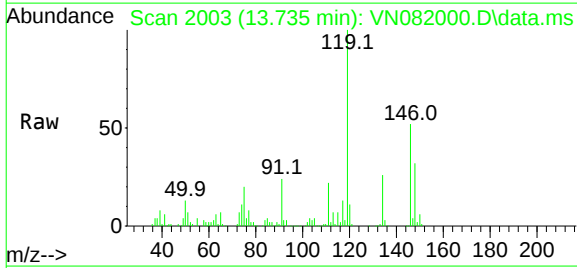
#83
1,3-Dichlorobenzene
Concen: 19.584 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:	146	Resp:	84444
Ion Ratio	Lower	Upper	
146	100		
111	44.1	22.4	67.0
148	62.8	32.1	96.5

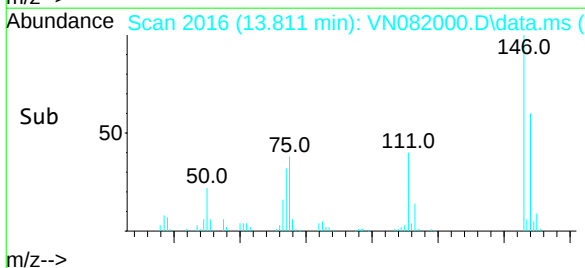
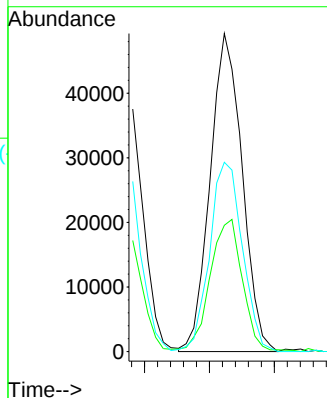
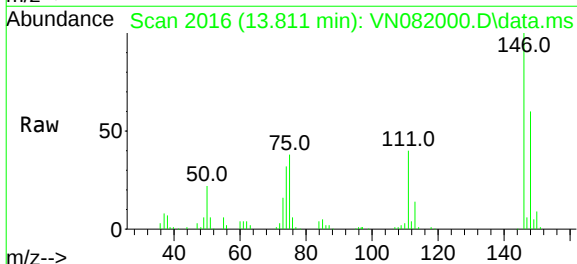
Manual Integrations
APPROVED

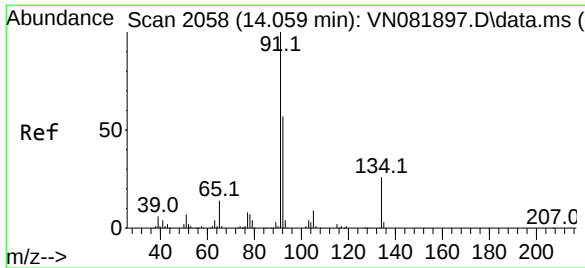
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#84
1,4-Dichlorobenzene
Concen: 19.461 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Tgt Ion:	146	Resp:	84343
Ion Ratio	Lower	Upper	
146	100		
111	41.8	21.3	63.9
148	60.9	31.9	95.5





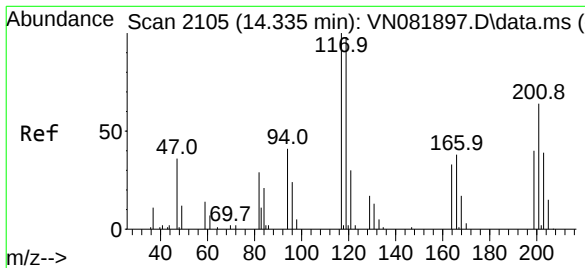
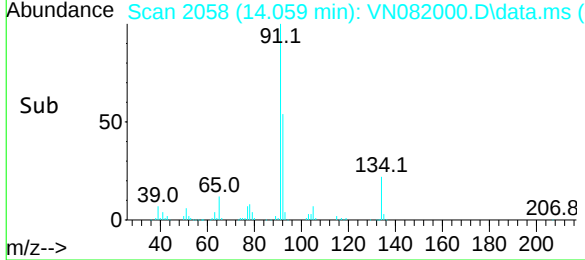
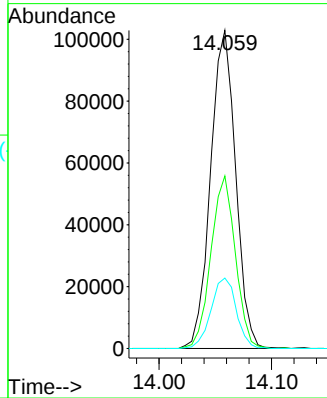
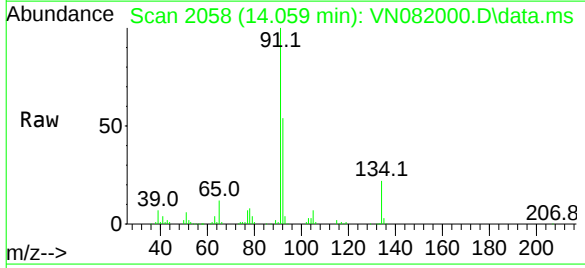
#85
n-Butylbenzene
Concen: 20.207 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:	91	Resp:	159512
Ion	Ratio	Lower	Upper
91	100		
92	52.8	0.0	105.0
134	22.4	0.0	51.8

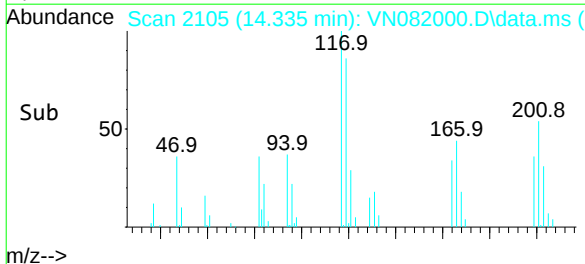
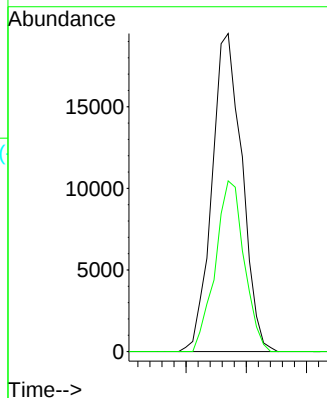
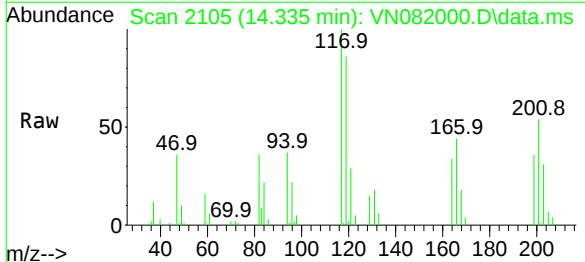
Manual Integrations
APPROVED

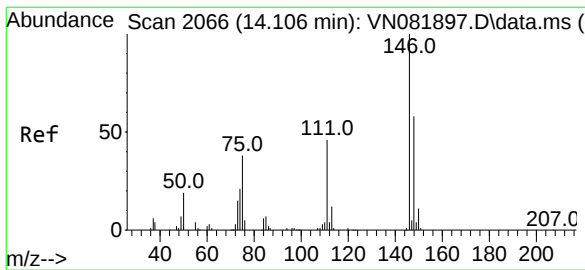
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#86
Hexachloroethane
Concen: 19.598 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Tgt Ion:	117	Resp:	33770
Ion	Ratio	Lower	Upper
117	100		
201	51.5	38.0	114.0





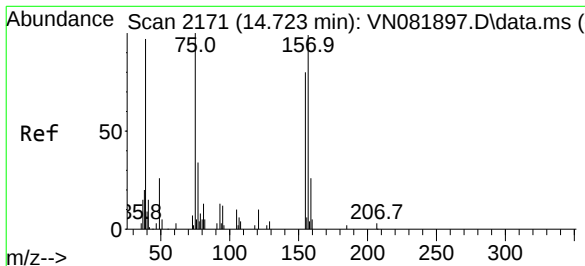
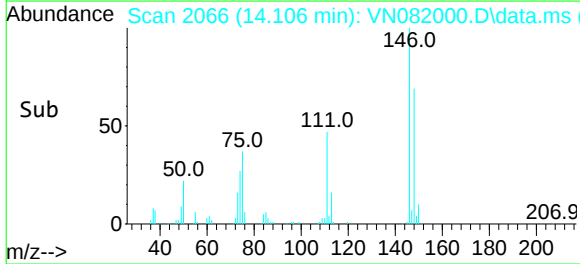
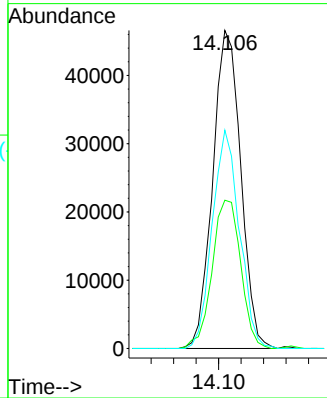
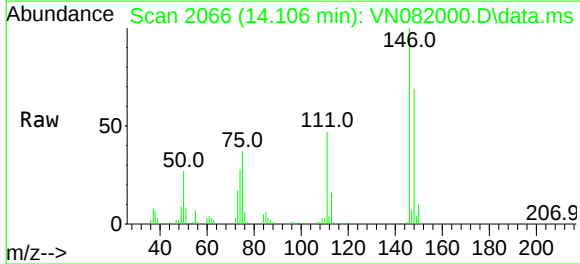
#87
1,2-Dichlorobenzene
Concen: 18.788 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:	146	Resp:	80689
Ion Ratio	Lower	Upper	
146	100		
111	47.6	22.6	67.8
148	66.5	31.3	93.8

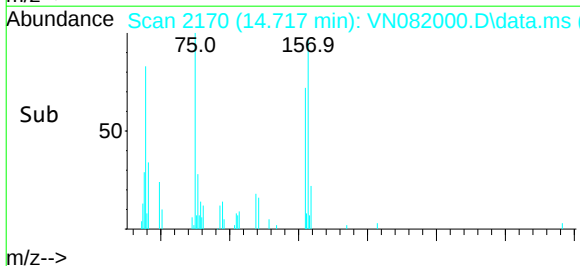
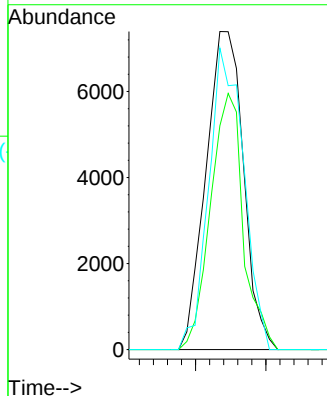
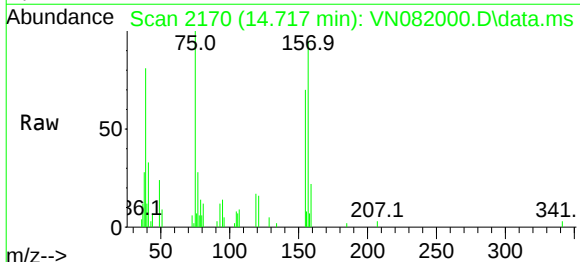
Manual Integrations
APPROVED

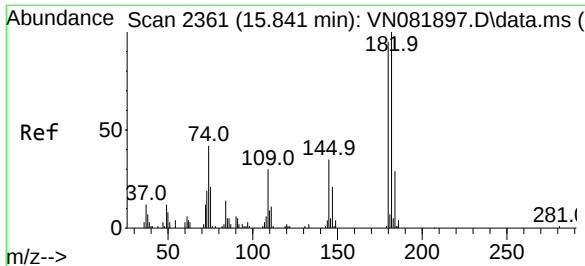
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.006 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Tgt Ion:	75	Resp:	13730
Ion Ratio	Lower	Upper	
75	100		
155	70.3	61.7	92.5
157	87.8	83.6	125.4





#89

1,2,4-Trichlorobenzene

Concen: 18.238 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082000.D

Acq: 06 May 2024 09:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

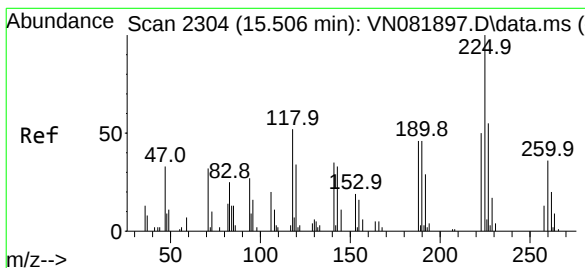
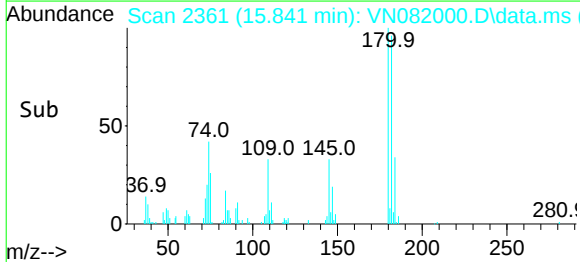
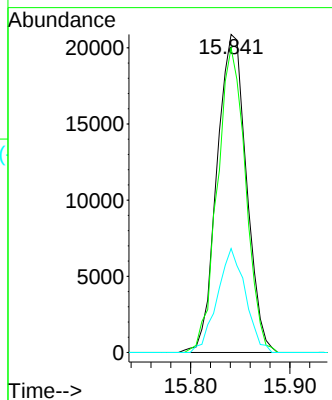
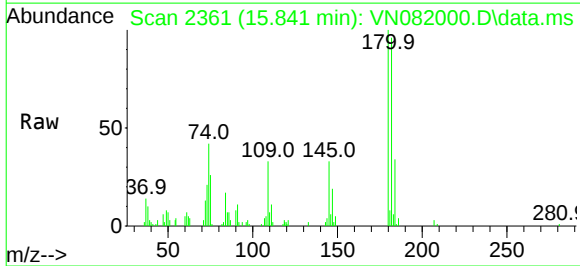
Tgt Ion:	180	Resp:	43129
Ion Ratio	Lower	Upper	
180	100		
182	91.8	76.4	114.6
145	31.3	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#90

Hexachlorobutadiene

Concen: 16.162 ug/l

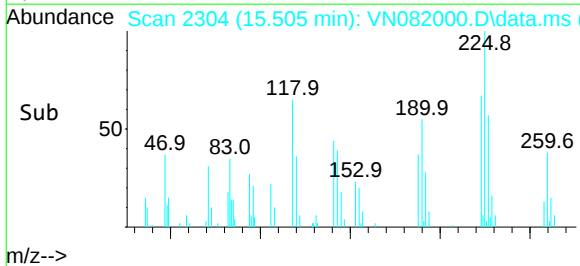
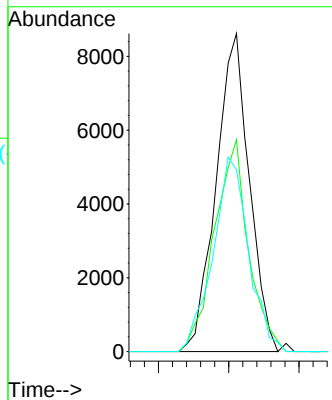
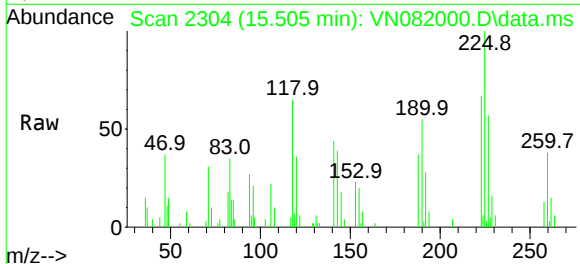
RT: 15.505 min Scan# 2304

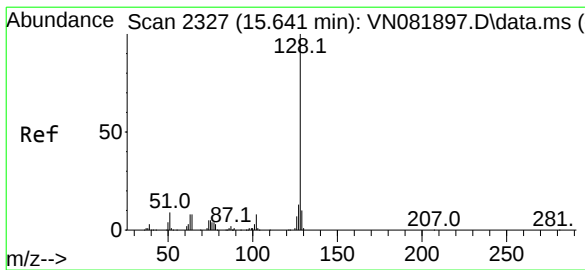
Delta R.T. -0.000 min

Lab File: VN082000.D

Acq: 06 May 2024 09:35

Tgt Ion:	225	Resp:	14155
Ion Ratio	Lower	Upper	
225	100		
223	68.2	0.0	126.6
227	65.5	0.0	126.6





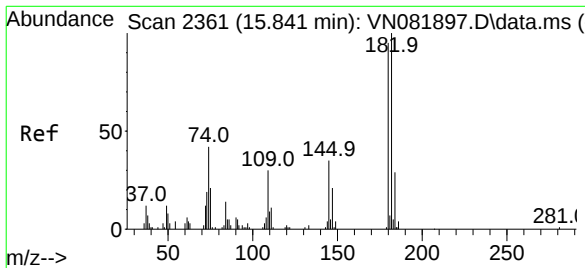
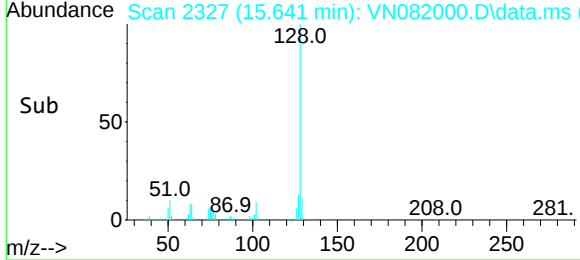
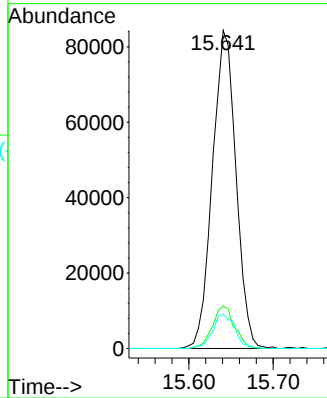
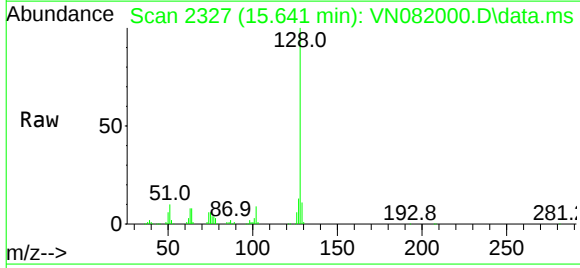
#91
Naphthalene
Concen: 18.230 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:	128	Resp:	163873
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.6	16.0
129	10.3	8.6	13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#92
1,2,3-Trichlorobenzene
Concen: 18.238 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082000.D
Acq: 06 May 2024 09:35

Tgt Ion:	180	Resp:	43129
Ion	Ratio	Lower	Upper
180	100		
182	91.8	0.0	191.0
145	31.3	0.0	71.0

