

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080672.D
 Acq On : 11 Jan 2024 12:53
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN011124

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jan 12 05:21:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 2024
 Response via : Initial Calibration

01/12/2024
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Bromochloromethane	7.812	128	15645	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	134813	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	152236	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	72752	28.796	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.000%
60) 4-Bromofluorobenzene	12.847	95	96492	28.652	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.500%
63) Toluene-d8	10.565	98	201944	30.226	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.767%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	54887	20.642	ug/l	98
3) Chloromethane	2.365	50	74542	20.580	ug/l	98
4) Vinyl Chloride	2.518	62	58756	21.325	ug/l	94
5) Bromomethane	2.959	94	21318	21.071	ug/l	88
6) Chloroethane	3.124	64	30338m	20.367	ug/l	
7) Trichlorofluoromethane	3.500	101	83382	20.257	ug/l	99
8) Diethyl Ether	3.959	74	40785	21.292	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.371	101	50200	21.163	ug/l	82
10) 1,1-Dichloroethene	4.347	96	52469m	20.592	ug/l	
11) Methyl Iodide	4.583	142	41187	18.952	ug/l	75
12) Methyl Acetate	5.018	43	59902	19.872	ug/l	# 72
13) Acrolein	4.177	56	30925	77.177	ug/l	95
14) Acrylonitrile	5.712	53	139781	102.902	ug/l	99
15) Acetone	4.424	58	31027	100.690	ug/l	97
16) Carbon Disulfide	4.712	76	156012	19.765	ug/l	97
17) Allyl chloride	5.024	41	102175	19.810	ug/l	82
18) Methylene Chloride	5.277	84	59840	20.211	ug/l	# 85
19) trans-1,2-Dichloroethene	5.788	96	56743m	21.182	ug/l	
20) Diisopropyl ether	6.665	45	219160	20.939	ug/l	# 90
21) 1,1-Dichloroethane	6.565	63	118373	20.826	ug/l	93
22) cis-1,2-Dichloroethene	7.488	96	63984	20.417	ug/l	88
23) tert-Butyl Alcohol	5.512	59	46084	98.367	ug/l	# 100
24) Methyl tert-Butyl Ether	5.788	73	185490	20.134	ug/l	# 83
25) Chloroform	7.965	83	107770	20.365	ug/l	98
26) Cyclohexane	8.259	56	94301	21.097	ug/l	# 91
29) 1,1-Dichloropropene	8.371	75	85309	20.817	ug/l	96
30) 2-Butanone	7.477	43	180803	99.704	ug/l	92
31) 2,2-Dichloropropane	7.488	77	103534	21.030	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	93033	20.631	ug/l	94
33) Carbon Tetrachloride	8.359	117	74227	20.843	ug/l	97
34) Benzene	8.606	78	254695	20.953	ug/l	97
35) Methacrylonitrile	7.777	41	42694	18.762	ug/l	88
36) 1,2-Dichloroethane	8.671	62	87305	19.533	ug/l	98
37) Trichloroethene	9.353	130	52642	19.858	ug/l	88
38) Methylcyclohexane	9.600	83	85105	21.317	ug/l	92
39) 1,2-Dichloropropane	9.623	63	68884	21.025	ug/l	95
40) Dibromomethane	9.712	93	38877	19.943	ug/l	86
41) Bromodichloromethane	9.888	83	85417	20.023	ug/l	94
42) Vinyl Acetate	6.600	43	870946	103.336	ug/l	# 93

01/12/2024

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 Carlone

01/12/2024
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 Yesilyurt

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	72892	19.143	ug/l	95
44) Isopropyl Acetate	8.688	43	146717	20.184	ug/l	92
45) 1,4-Dioxane	9.694	88	16725	404.565	ug/l #	94
46) Methyl methacrylate	9.682	41	67497	19.720	ug/l	77
47) n-amyl Acetate	12.494	43	129386m	19.837	ug/l	
48) t-1,3-Dichloropropene	10.841	75	99702	19.836	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	108360	20.311	ug/l #	78
50) 1,1,2-Trichloroethane	11.018	97	54998	20.544	ug/l	92
51) Ethyl methacrylate	10.876	69	95292	20.591	ug/l	76
52) 1,3-Dichloropropane	11.165	76	100384	19.918	ug/l	99
53) Dibromochloromethane	11.359	129	54180	20.224	ug/l	98
54) 1,2-Dibromoethane	11.470	107	53566	20.355	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	187840	78.968	ug/l	96
56) Bromoform	12.576	173	30607	19.341	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	393462	98.250	ug/l #	87
59) 2-Hexanone	11.194	43	301810	100.938	ug/l #	85
61) Tetrachloroethene	11.106	164	41542	20.499	ug/l	95
62) Toluene	10.629	91	255187	20.841	ug/l	99
64) Chlorobenzene	11.894	112	137661	20.185	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.964	131	49119	20.046	ug/l	95
66) Ethyl Benzene	11.964	91	272398	21.152	ug/l	99
67) m/p-Xylenes	12.070	106	195374	42.209	ug/l	99
68) o-Xylene	12.400	106	95794	20.751	ug/l	95
69) Styrene	12.412	104	155897	20.102	ug/l	96
70) Isopropylbenzene	12.694	105	230097	20.395	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	72215	19.610	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	66207m	18.969	ug/l	
73) Bromobenzene	12.976	156	48098	20.000	ug/l	73
74) n-propylbenzene	13.035	91	274993	20.210	ug/l	99
75) 2-Chlorotoluene	13.123	91	172934	20.210	ug/l	96
76) 1,3,5-Trimethylbenzene	13.176	105	192499	20.500	ug/l	94
77) t-1,4-Dichloro-2-butene	12.741	75	29245	20.439	ug/l	94
78) 4-Chlorotoluene	13.223	91	170664	19.953	ug/l	96
79) tert-butylbenzene	13.441	119	148445	20.252	ug/l	94
80) 1,2,4-Trimethylbenzene	13.482	105	192430	20.946	ug/l	96
81) sec-Butylbenzene	13.617	105	216632	20.077	ug/l	95
82) p-Isopropyltoluene	13.729	119	170505	20.721	ug/l	95
83) 1,3-Dichlorobenzene	13.735	146	83681	20.058	ug/l	98
84) 1,4-Dichlorobenzene	13.811	146	84979	20.229	ug/l	95
85) n-Butylbenzene	14.058	91	165485	20.354	ug/l	97
86) Hexachloroethane	14.341	117	30161	19.492	ug/l	77
87) 1,2-Dichlorobenzene	14.111	146	83454	20.391	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	14984	19.543	ug/l #	78
89) 1,2,4-Trichlorobenzene	15.841	180	37717	18.374	ug/l	96
90) Hexachlorobutadiene	15.500	225	18564	19.738	ug/l	98
91) Naphthalene	15.641	128	149104	18.632	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	37717	18.374	ug/l	96

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

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Manual Integrations

APPROVED

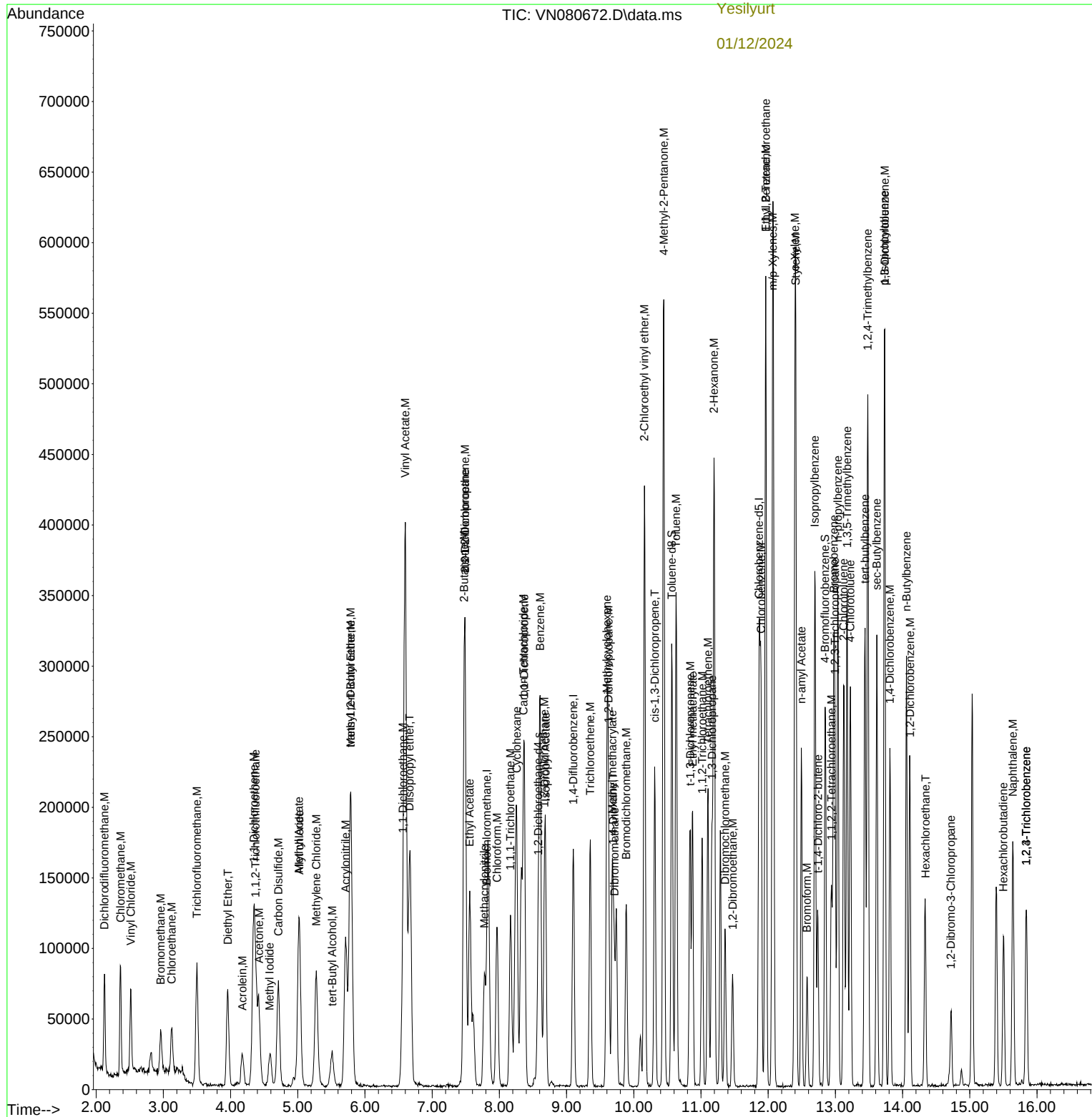
Reviewed By :John
 Carlone

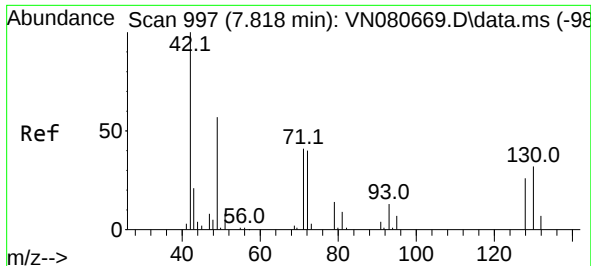
01/12/2024

Supervised By :Semsettin

Yesilyurt

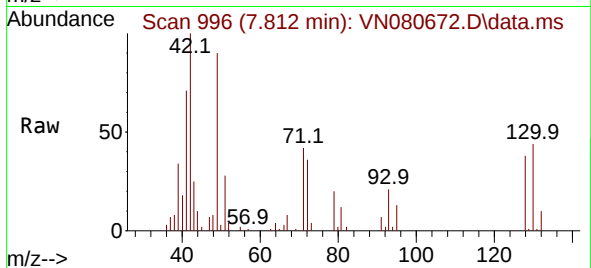
01/12/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



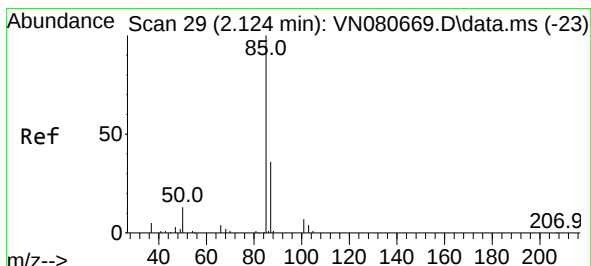
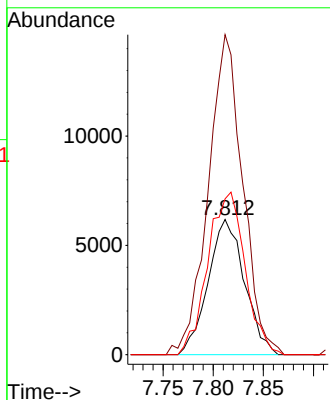
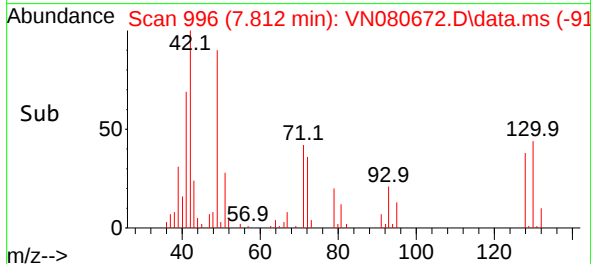
Tgt Ion:128 Resp: 15649
Ion Ratio Lower Upper
128 100
49 223.9 0.0 403.7
130 123.0 0.0 323.3

Manual Integrations
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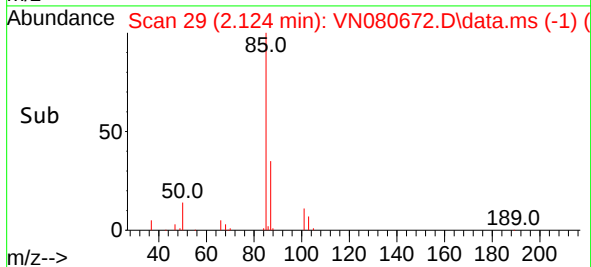
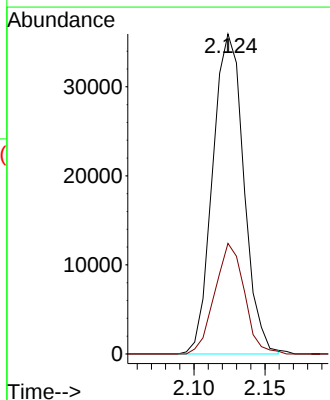
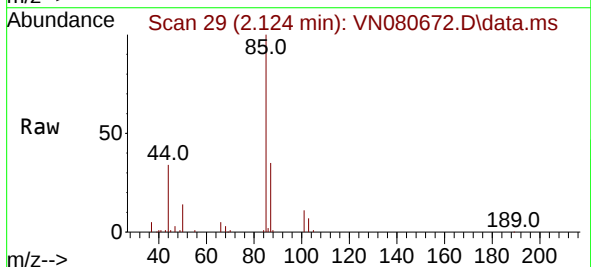
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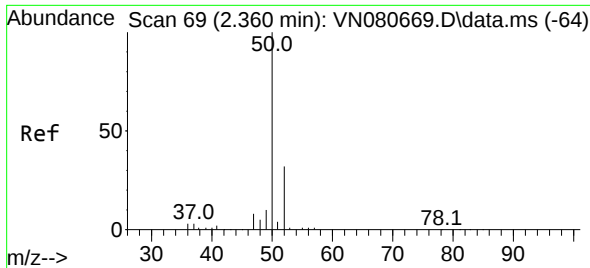
01/12/2024



#2
Dichlorodifluoromethane
Concen: 20.642 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

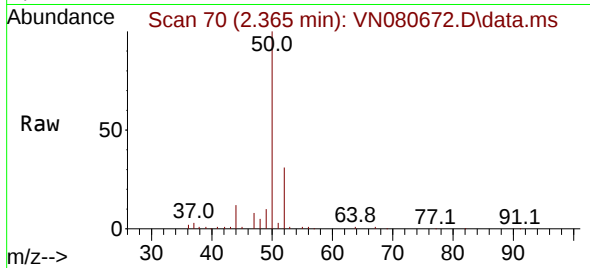
Tgt Ion: 85 Resp: 54887
Ion Ratio Lower Upper
85 100
87 34.6 16.8 50.3





#3
Chloromethane
Concen: 20.580 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.005 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
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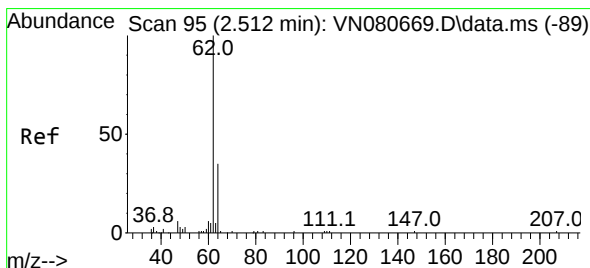
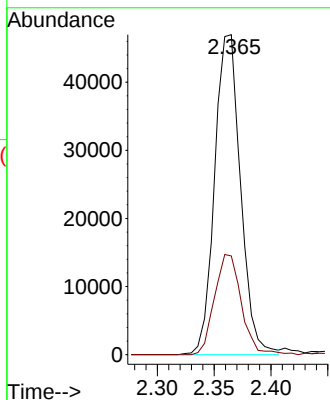
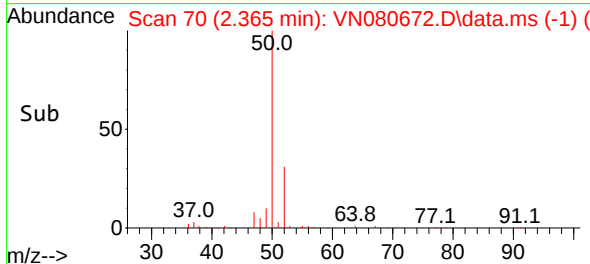
Tgt Ion: 50 Resp: 7454
Ion Ratio Lower Upper
50 100
52 30.9 25.4 38.0

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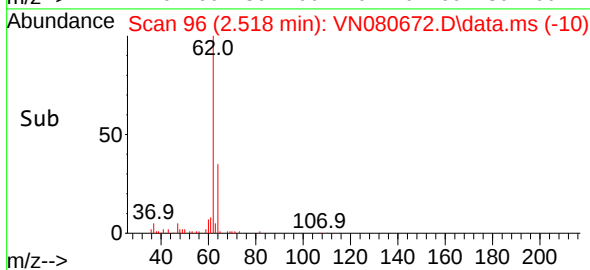
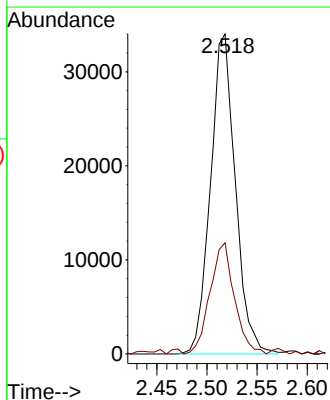
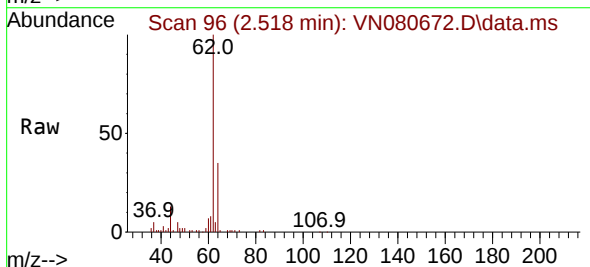
01/12/2024
Supervised By :Semsettin
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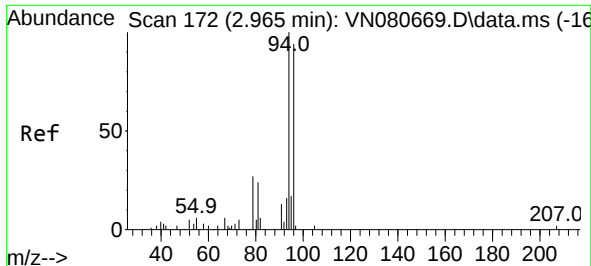
01/12/2024



#4
Vinyl Chloride
Concen: 21.325 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

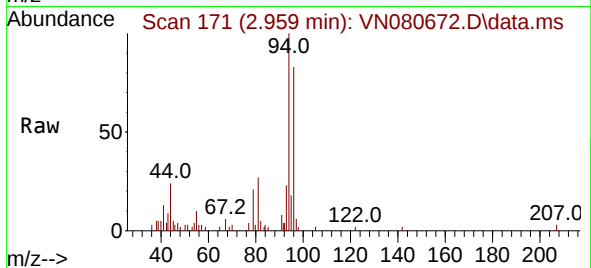
Tgt Ion: 62 Resp: 58756
Ion Ratio Lower Upper
62 100
64 33.2 24.1 36.1





#5
Bromomethane
Concen: 21.071 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



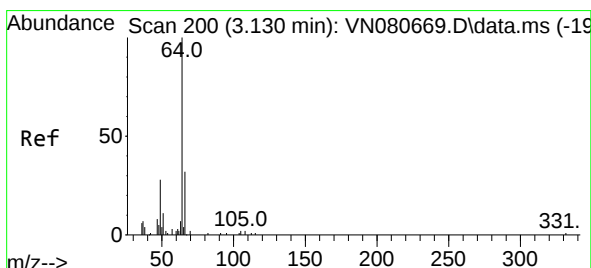
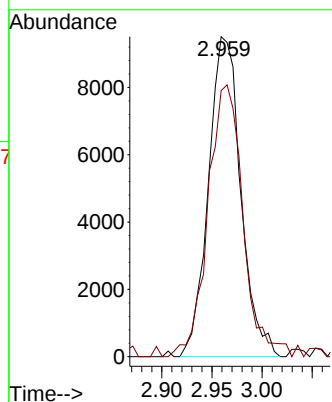
Tgt Ion: 94 Resp: 21318
Ion Ratio Lower Upper
94 100
96 79.4 72.8 109.2

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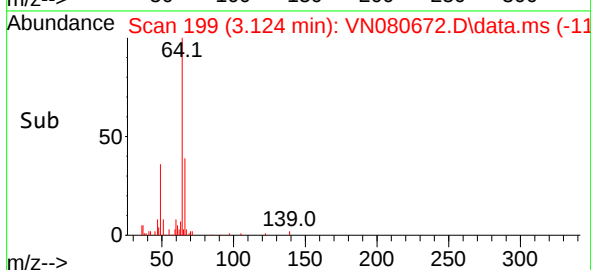
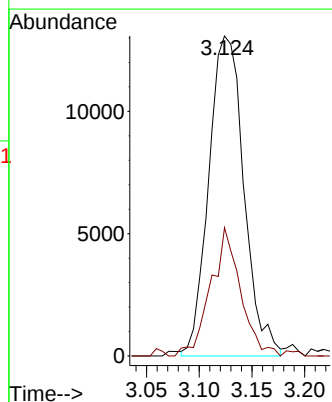
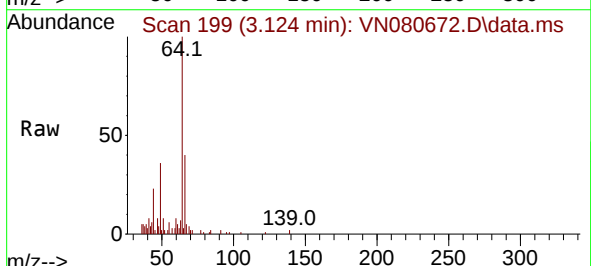
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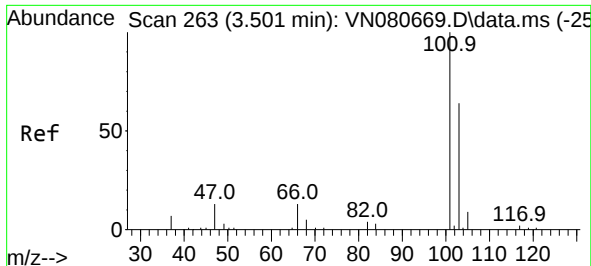
01/12/2024



#6
Chloroethane
Concen: 20.367 ug/l m
RT: 3.124 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

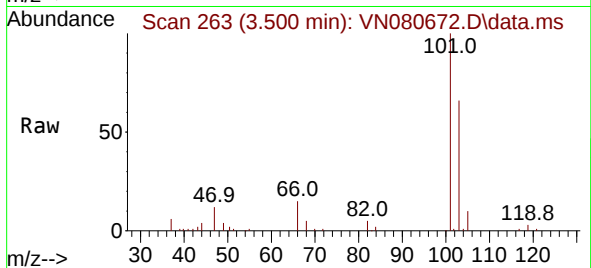
Tgt Ion: 64 Resp: 30338
Ion Ratio Lower Upper
64 100
66 40.1 26.7 40.1#





#7
Trichlorofluoromethane
Concen: 20.257 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.001 min
Lab File: VN080672.D
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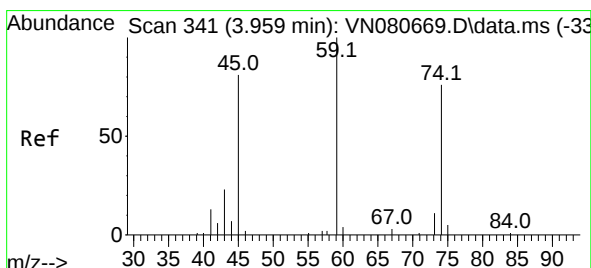
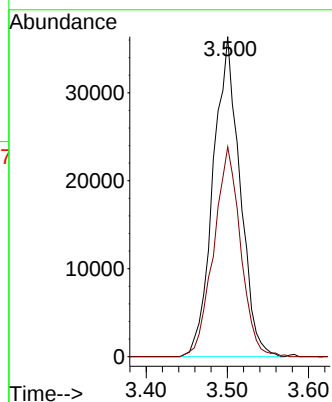
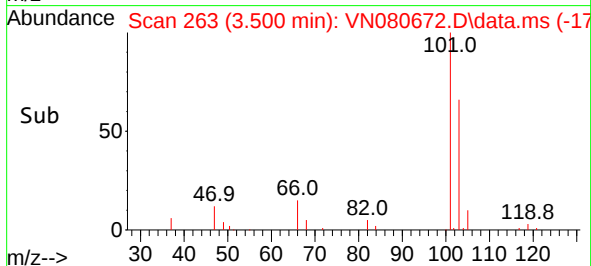
Tgt Ion:101 Resp: 8338
Ion Ratio Lower Upper
101 100
103 65.5 53.0 79.4

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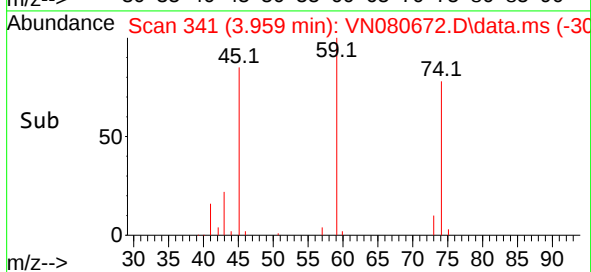
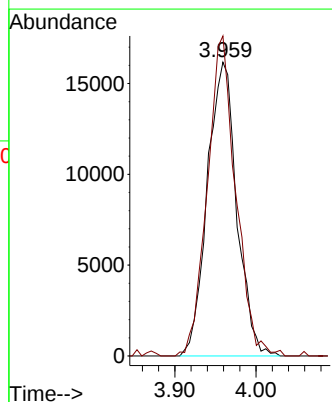
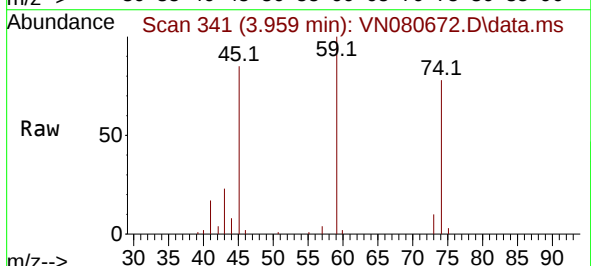
01/12/2024
Supervised By :Semsettin
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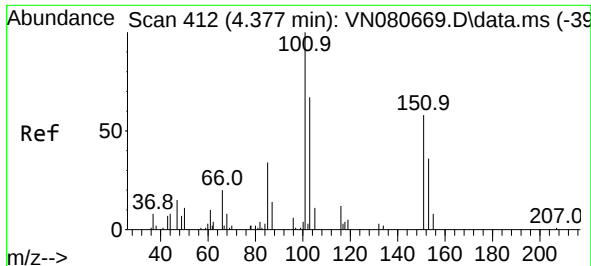
01/12/2024



#8
Diethyl Ether
Concen: 21.292 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Tgt Ion: 74 Resp: 40785
Ion Ratio Lower Upper
74 100
45 103.1 16.4 147.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.163 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080672.D
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Instrument :
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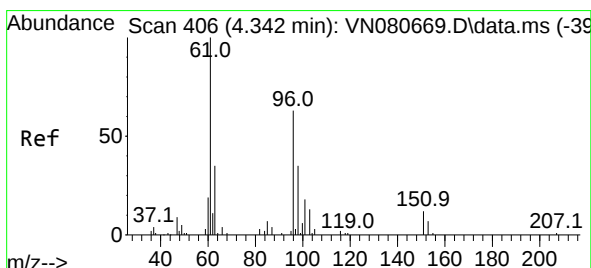
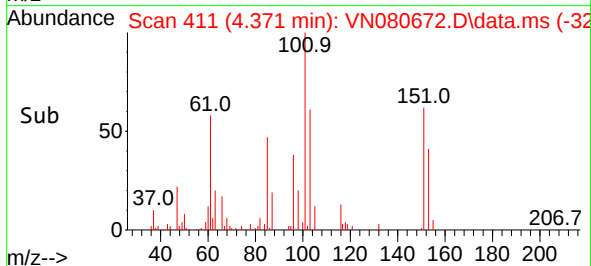
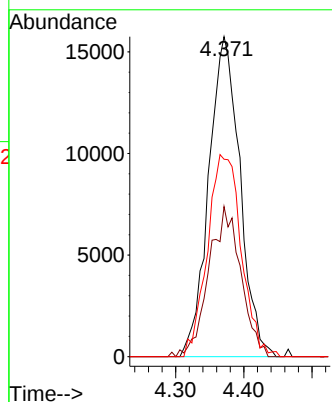
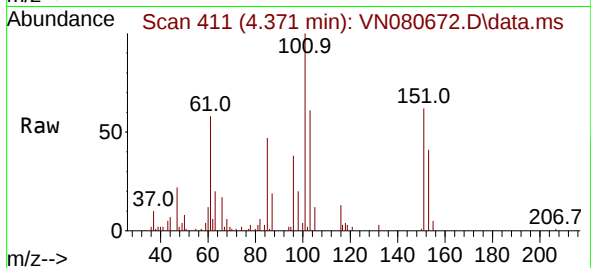
Tgt Ion:101 Resp: 50200
Ion Ratio Lower Upper
101 100
85 27.5 0.0 90.6
151 68.0 0.0 157.6

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Reviewed By :John
Carlone

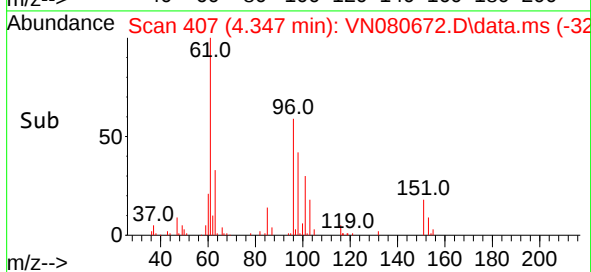
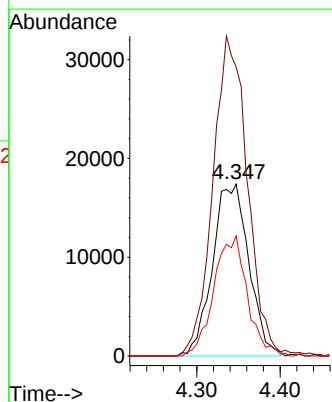
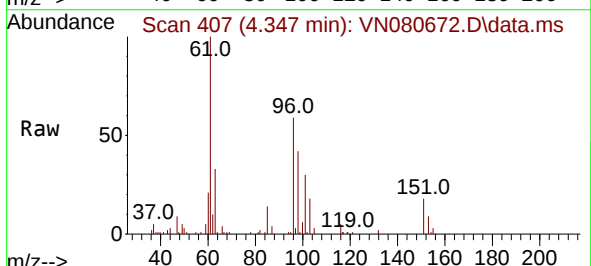
01/12/2024
Supervised By :Semsettin
Yesilyurt

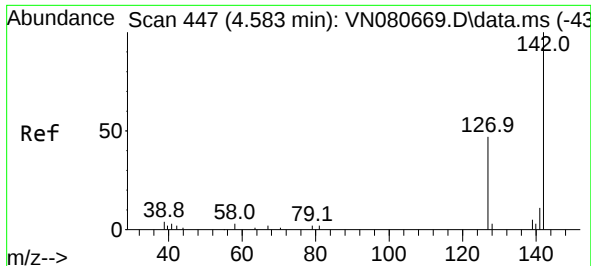
01/12/2024



#10
1,1-Dichloroethene
Concen: 20.592 ug/l m
RT: 4.347 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

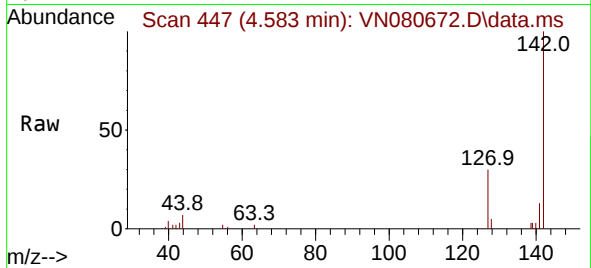
Tgt Ion: 96 Resp: 52469
Ion Ratio Lower Upper
96 100
61 168.2 117.6 176.4
98 69.8 48.4 72.6





#11
Methyl Iodide
Concen: 18.952 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



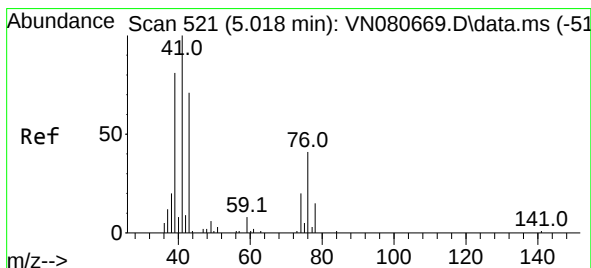
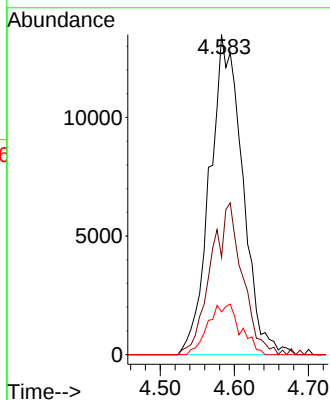
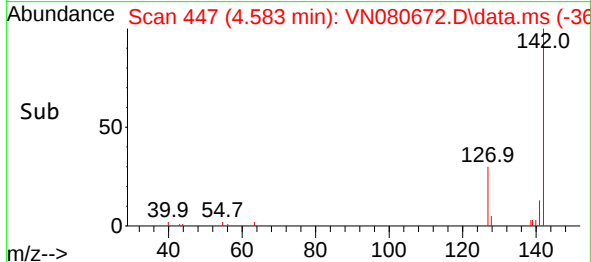
Tgt Ion:142 Resp: 4118
Ion Ratio Lower Upper
142 100
127 30.7 26.3 78.9
141 13.5 8.3 24.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

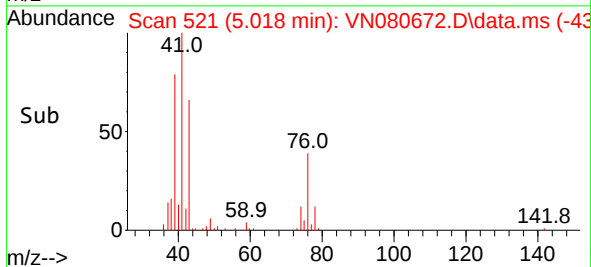
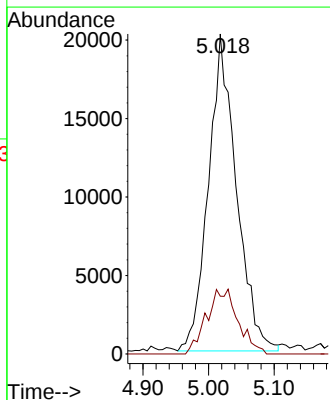
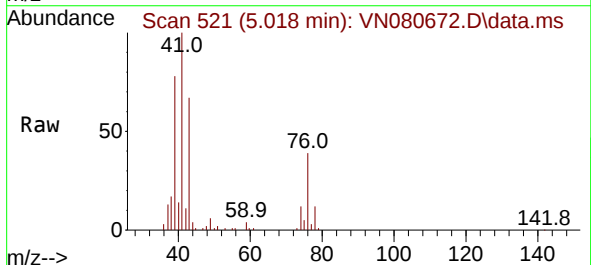
01/12/2024
Supervised By :Semsettin
Yesilyurt

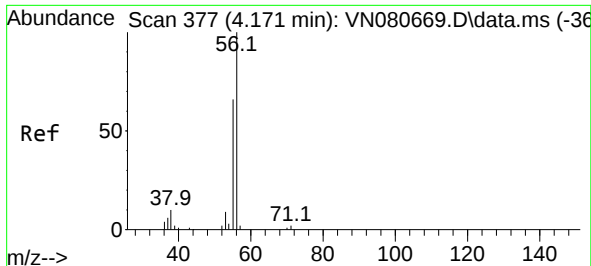
01/12/2024



#12
Methyl Acetate
Concen: 19.872 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Tgt Ion: 43 Resp: 59902
Ion Ratio Lower Upper
43 100
74 18.4 27.7 41.5#





#13

Acrolein

Concen: 77.177 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080672.D

Acq: 11 Jan 2024 12:53

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011124

Tgt Ion: 56 Resp: 3092

Ion Ratio Lower Upper

56 100

55 65.7 55.5 83.3

Manual Integrations

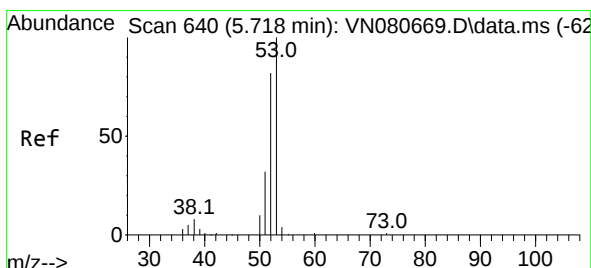
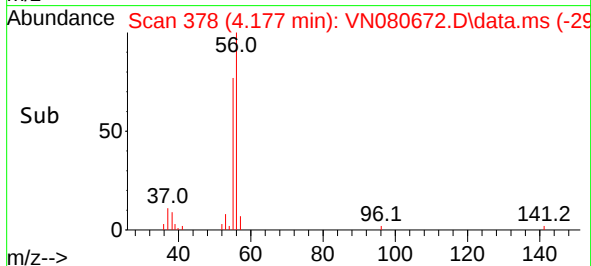
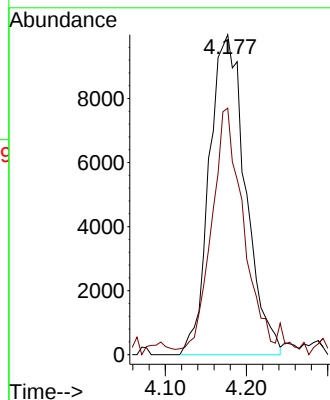
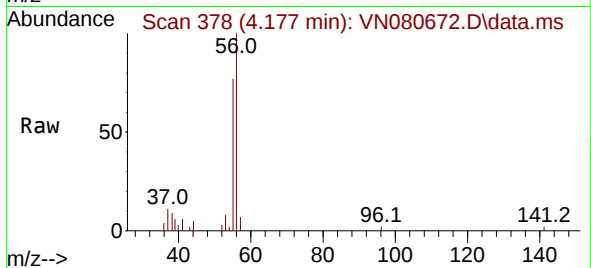
APPROVED

Reviewed By :John
Carlone

01/12/2024

Supervised By :Semsettin
Yesilyurt

01/12/2024



#14

Acrylonitrile

Concen: 102.902 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN080672.D

Acq: 11 Jan 2024 12:53

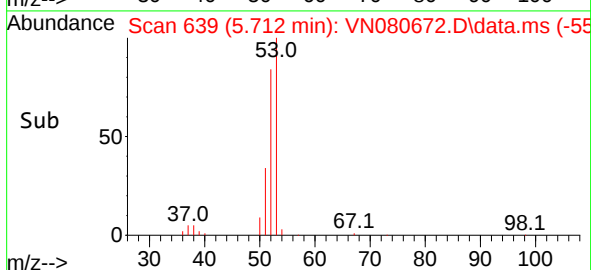
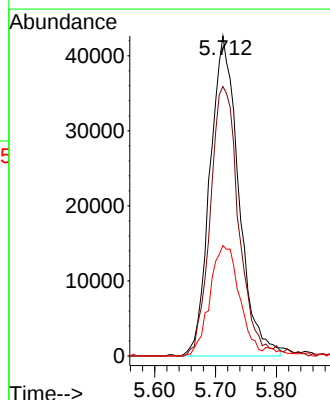
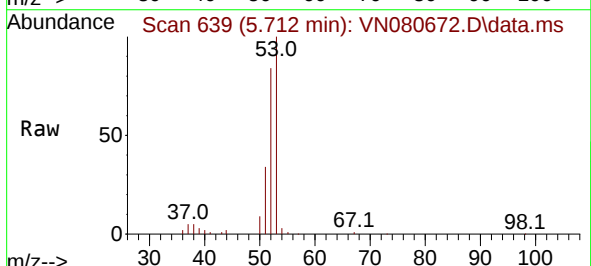
Tgt Ion: 53 Resp: 139781

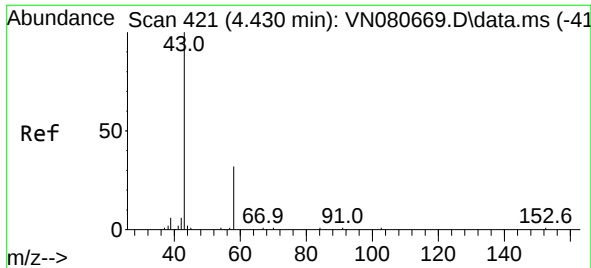
Ion Ratio Lower Upper

53 100

52 82.9 41.3 123.9

51 35.6 16.8 50.3





#15

Acetone

Concen: 100.690 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN080672.D

Acq: 11 Jan 2024 12:53

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011124

Tgt Ion: 58 Resp: 3102

Ion Ratio Lower Upper

58 100

43 284.9 223.1 334.7

Manual Integrations

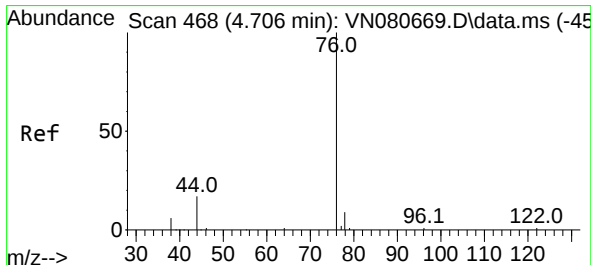
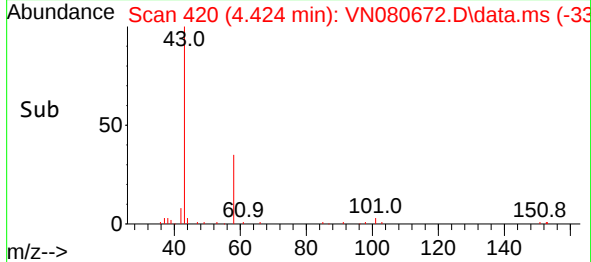
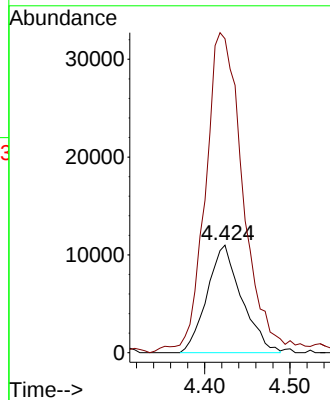
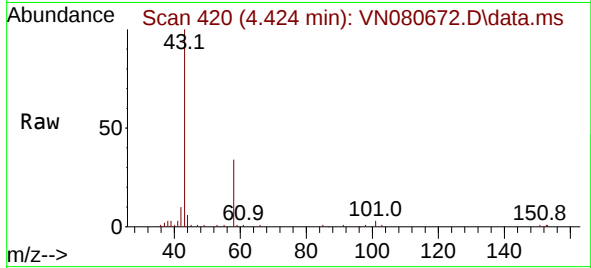
APPROVED

Reviewed By :John
Carlone

01/12/2024

Supervised By :Semsettin
Yesilyurt

01/12/2024



#16

Carbon Disulfide

Concen: 19.765 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN080672.D

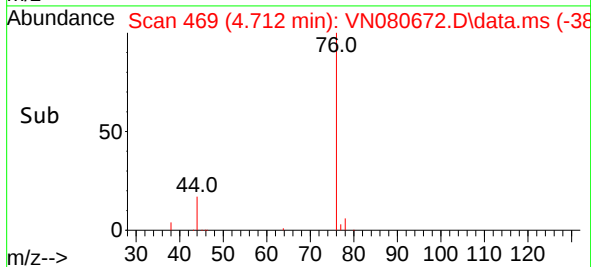
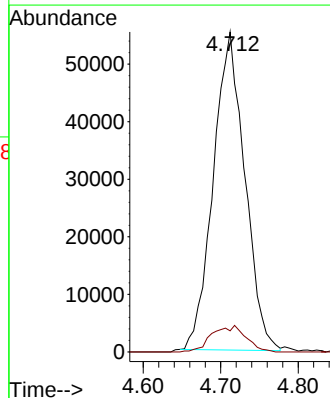
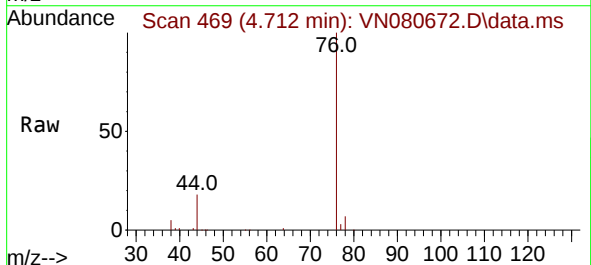
Acq: 11 Jan 2024 12:53

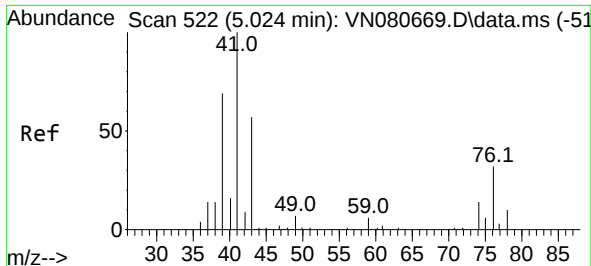
Tgt Ion: 76 Resp: 156012

Ion Ratio Lower Upper

76 100

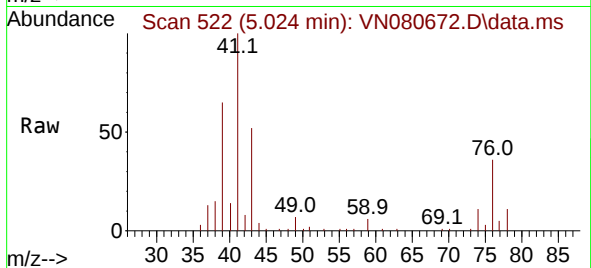
78 6.7 6.3 9.5





#17
 Allyl chloride
 Concen: 19.810 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN080672.D
 Acq: 11 Jan 2024 12:53

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011124



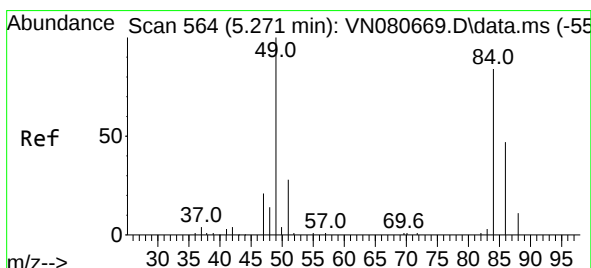
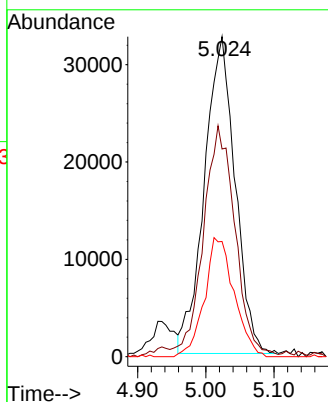
Tgt Ion: 41 Resp: 102179
 Ion Ratio Lower Upper
 41 100
 39 64.9 37.6 112.9
 76 36.3 27.8 83.4

Manual Integrations
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Reviewed By :John
 Carlone

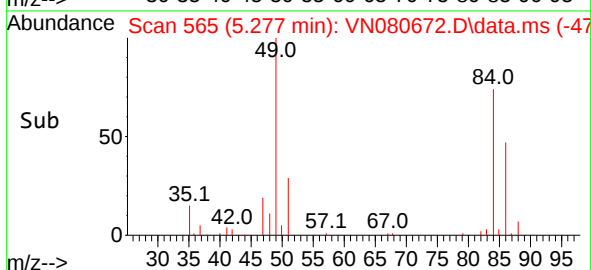
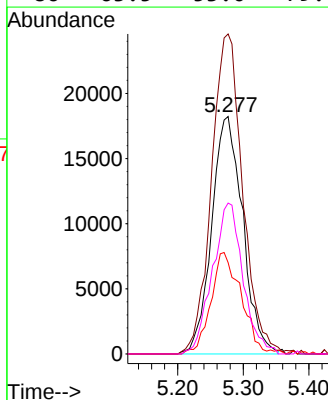
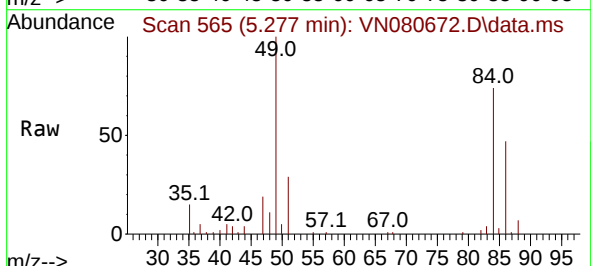
01/12/2024
 Supervised By :Semsettin
 Yesilyurt

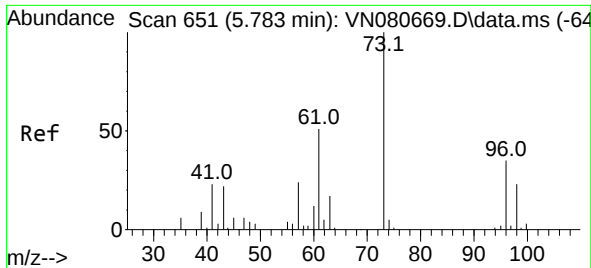
01/12/2024



#18
 Methylene Chloride
 Concen: 20.211 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: VN080672.D
 Acq: 11 Jan 2024 12:53

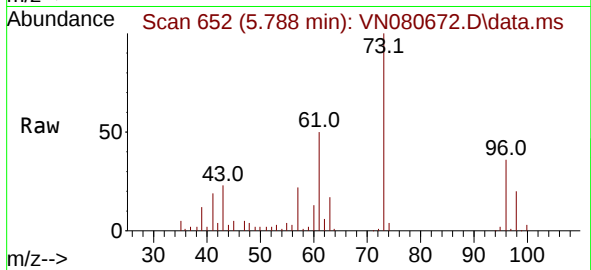
Tgt Ion: 84 Resp: 59840
 Ion Ratio Lower Upper
 84 100
 49 134.8 86.0 129.0#
 51 38.5 30.0 45.0
 86 63.5 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 21.182 ug/l m
RT: 5.788 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



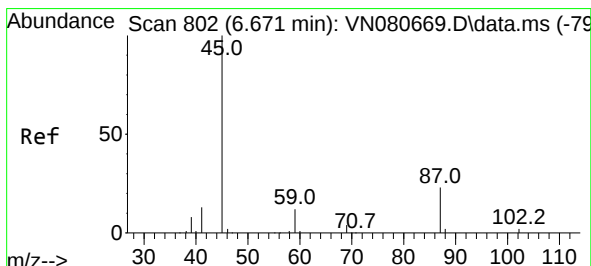
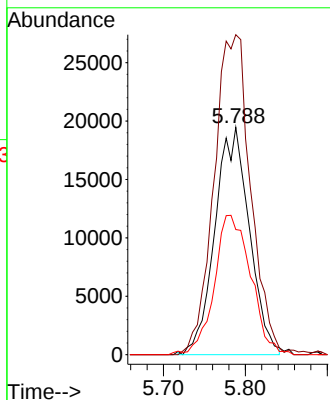
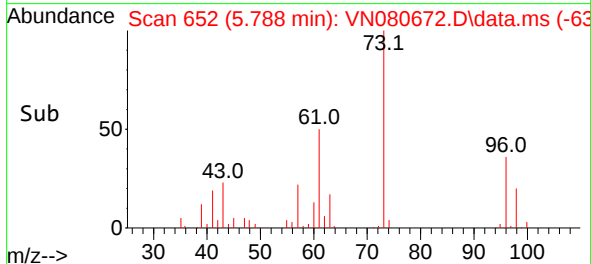
Tgt Ion: 96 Resp: 5674
Ion Ratio Lower Upper
96 100
61 140.8 111.8 167.6
98 55.0 49.2 73.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

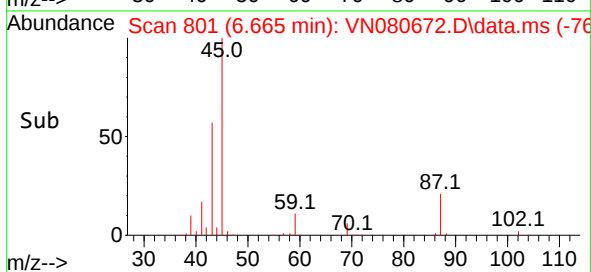
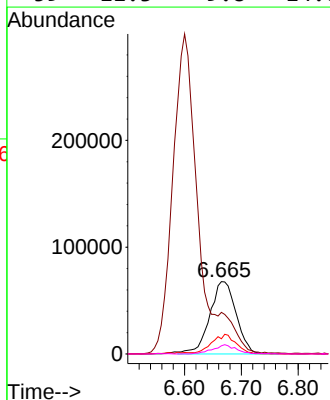
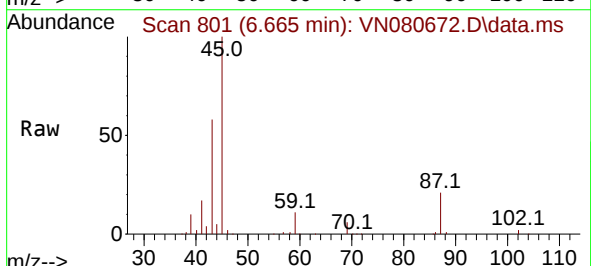
01/12/2024
Supervised By :Semsettin
Yesilyurt

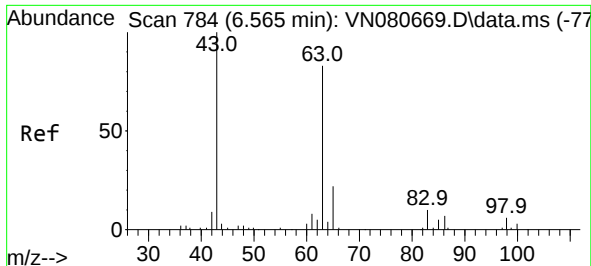
01/12/2024



#20
Diisopropyl ether
Concen: 20.939 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Tgt Ion: 45 Resp: 219160
Ion Ratio Lower Upper
45 100
43 56.3 40.4 60.6
87 20.8 23.8 35.8#
59 11.3 9.8 14.6





#21
1,1-Dichloroethane
Concen: 20.826 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124

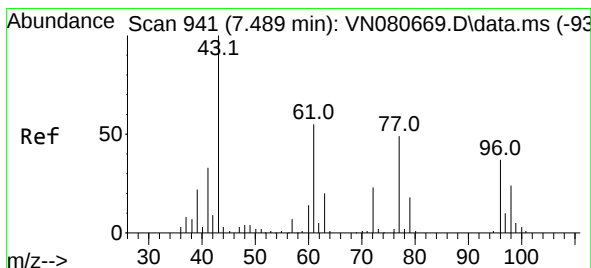
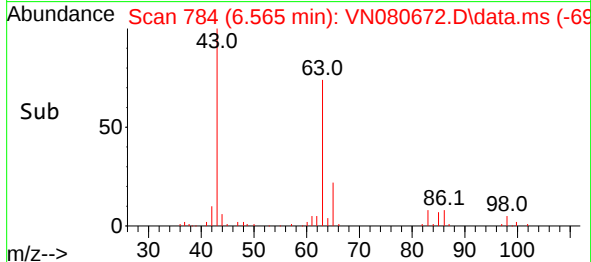
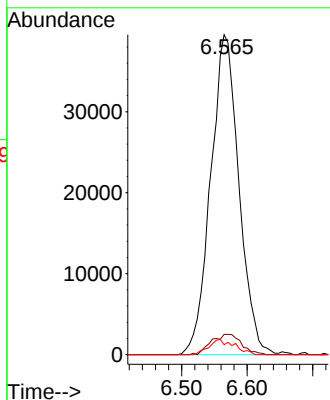
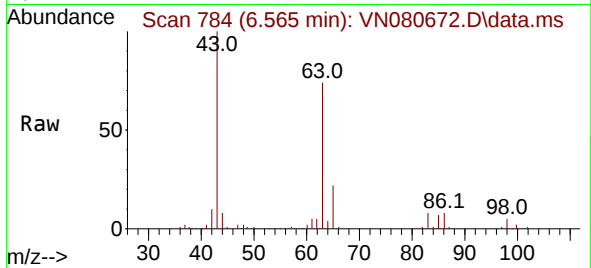
Tgt Ion: 63 Resp: 11837
Ion Ratio Lower Upper
63 100
98 6.3 4.1 12.3
100 3.1 3.0 9.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

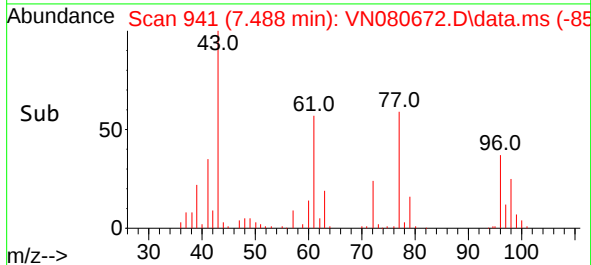
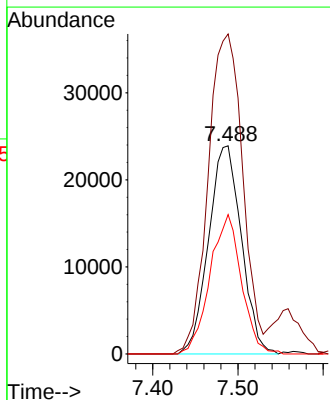
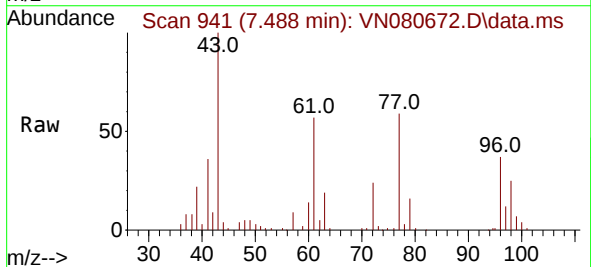
01/12/2024
Supervised By :Semsettin
Yesilyurt

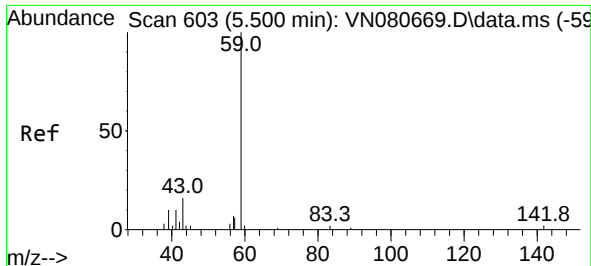
01/12/2024



#22
cis-1,2-Dichloroethene
Concen: 20.417 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.001 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

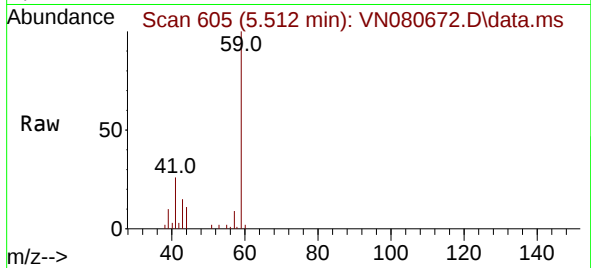
Tgt Ion: 96 Resp: 63984
Ion Ratio Lower Upper
96 100
61 161.8 113.5 170.3
98 64.0 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 98.367 ug/l
RT: 5.512 min Scan# 603
Delta R.T. 0.012 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



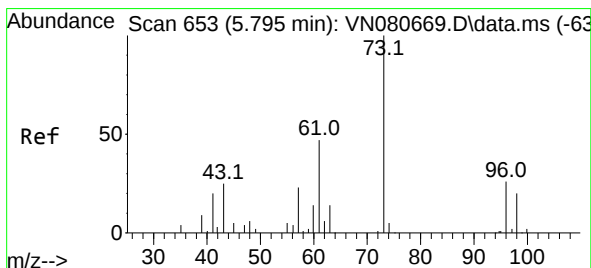
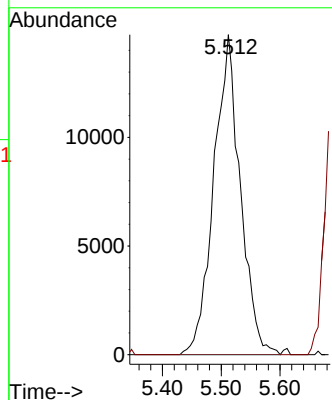
Tgt Ion: 59 Resp: 46084
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
Carlone

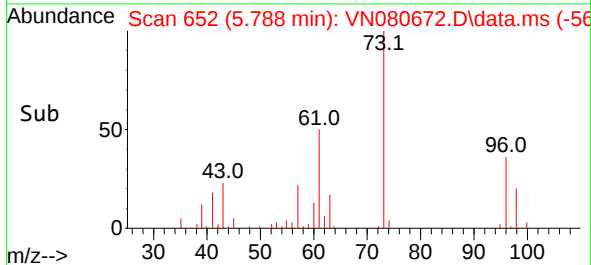
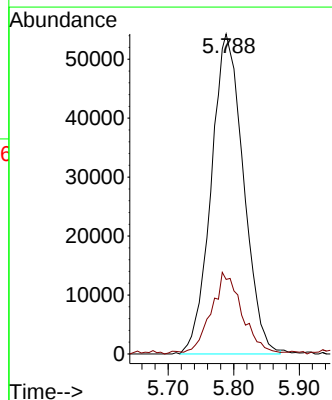
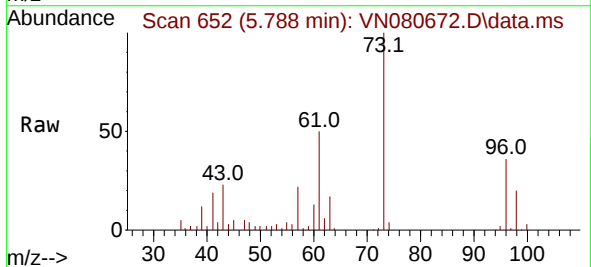
01/12/2024
Supervised By :Semsettin
Yesilyurt

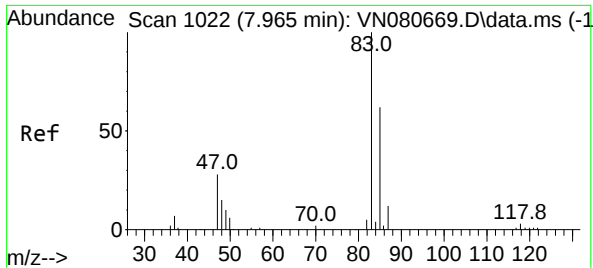
01/12/2024



#24
Methyl tert-Butyl Ether
Concen: 20.134 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.007 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

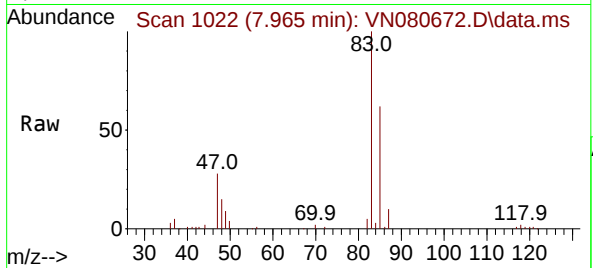
Tgt Ion: 73 Resp: 185490
Ion Ratio Lower Upper
73 100
43 23.9 13.4 20.2#





#25
Chloroform
Concen: 20.365 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



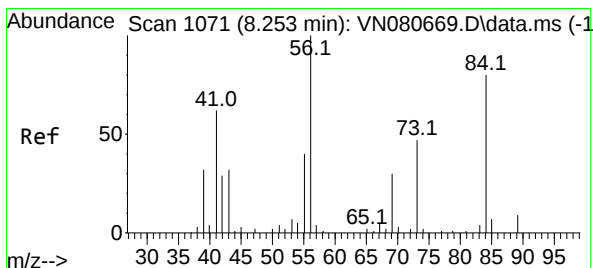
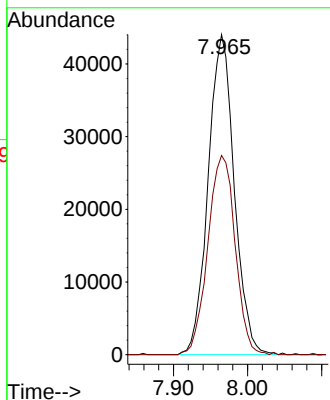
Tgt Ion: 83 Resp: 107770
Ion Ratio Lower Upper
83 100
85 62.3 50.9 76.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

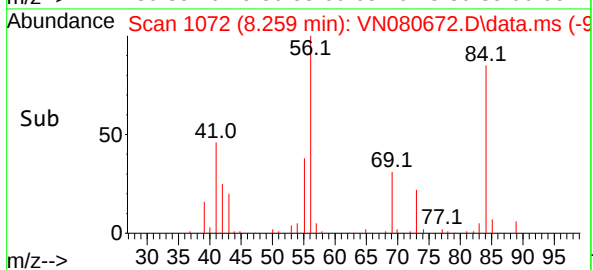
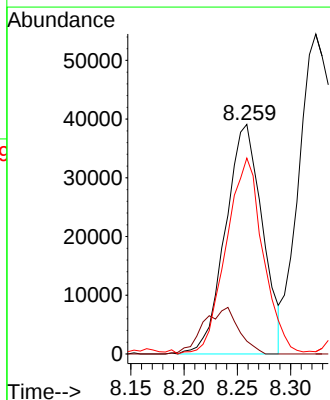
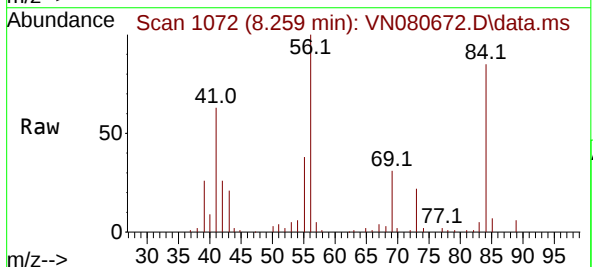
01/12/2024
Supervised By :Semsettin
Yesilyurt

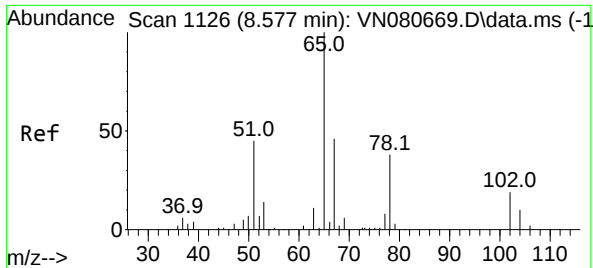
01/12/2024



#26
Cyclohexane
Concen: 21.097 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Tgt Ion: 56 Resp: 94301
Ion Ratio Lower Upper
56 100
89 10.7 19.3 28.9#
84 85.5 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 28.796 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.001 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011124

Tgt Ion: 65 Resp: 72752
Ion Ratio Lower Upper
65 100
67 53.9 43.2 64.8

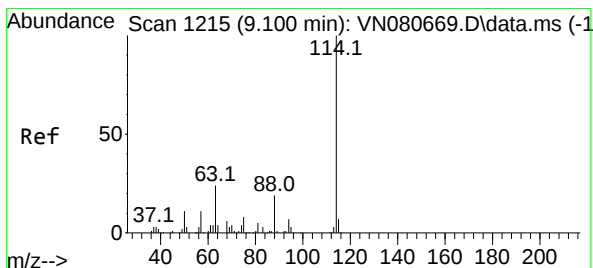
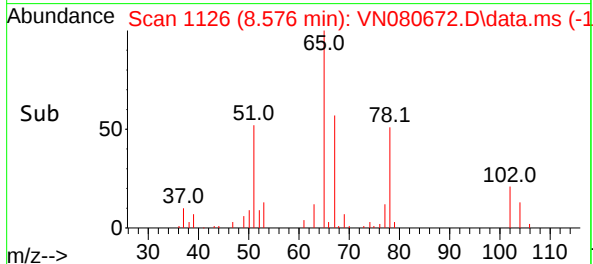
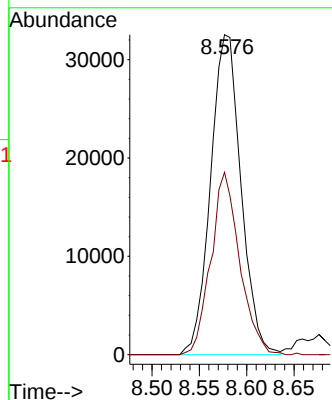
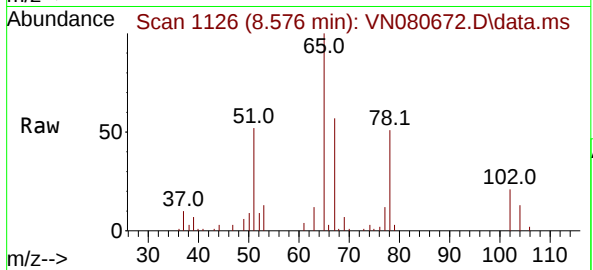
Manual Integrations
APPROVED

Reviewed By :John
Carlone

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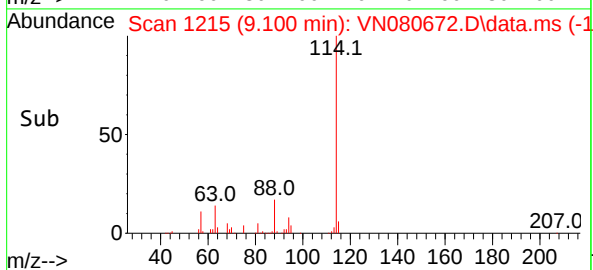
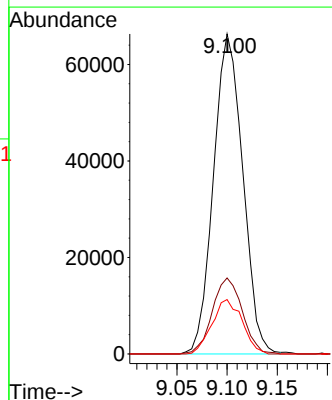
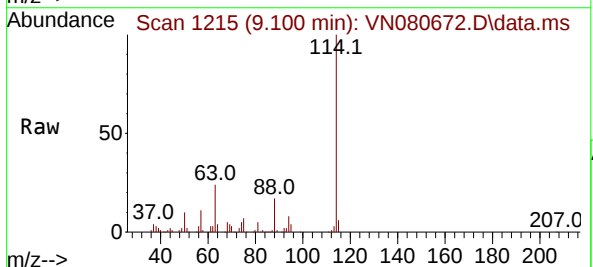
Supervised By :Semsettin
Yesilyurt

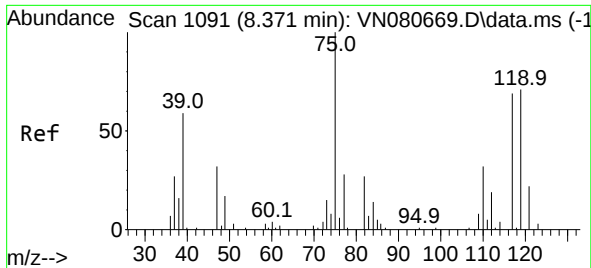
01/12/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Tgt Ion:114 Resp: 134813
Ion Ratio Lower Upper
114 100
63 24.3 15.9 23.9#
88 17.5 12.7 19.1





#29
1,1-Dichloropropene
Concen: 20.817 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011124

Tgt Ion: 75 Resp: 85309
Ion Ratio Lower Upper
75 100
110 31.6 0.0 70.2
77 30.1 0.0 61.4

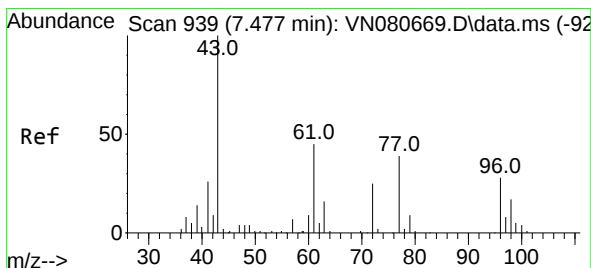
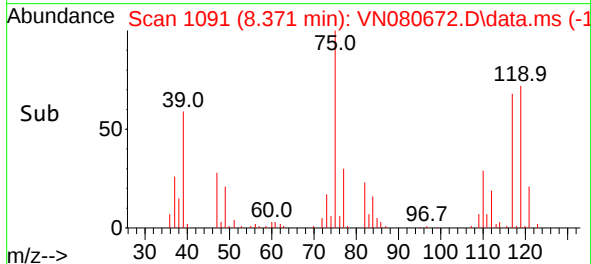
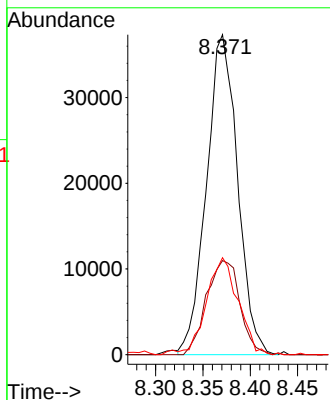
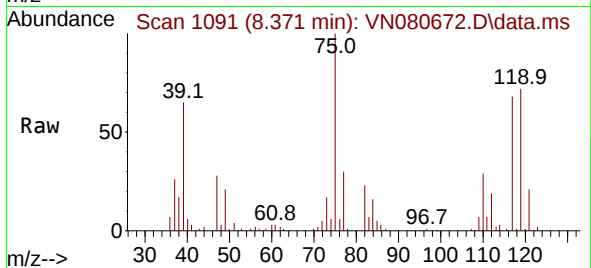
Manual Integrations
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Reviewed By :John
Carlone

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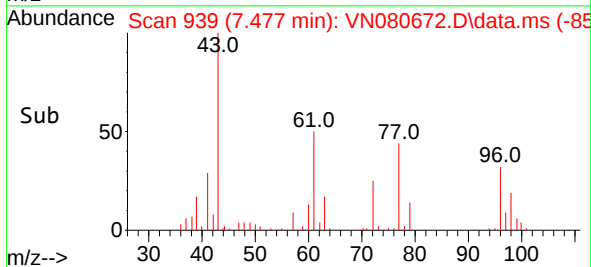
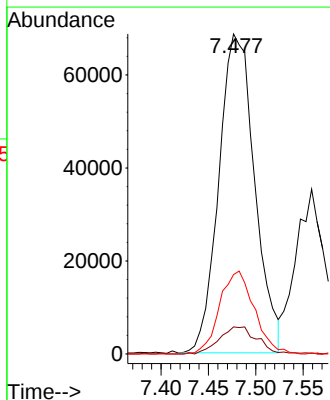
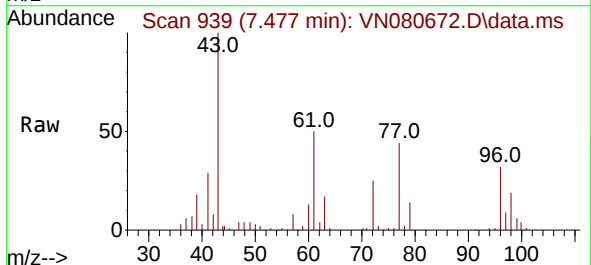
Supervised By :Semsettin
Yesilyurt

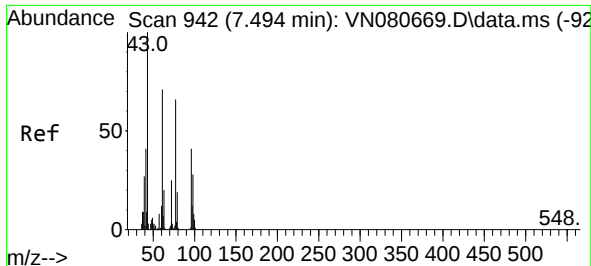
01/12/2024



#30
2-Butanone
Concen: 99.704 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

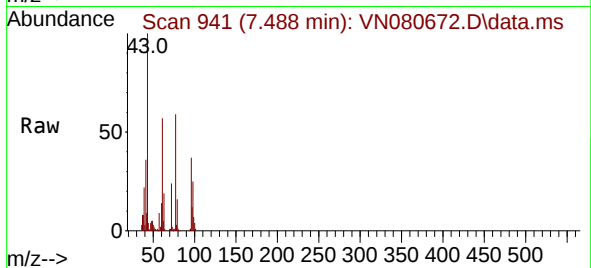
Tgt Ion: 43 Resp: 180803
Ion Ratio Lower Upper
43 100
57 7.6 6.7 10.1
72 25.1 24.0 36.0





#31
2,2-Dichloropropane
Concen: 21.030 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



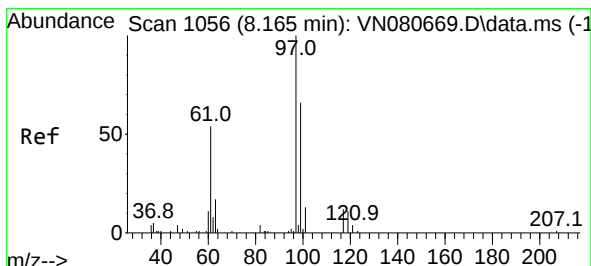
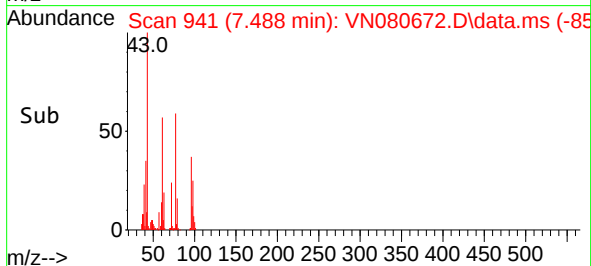
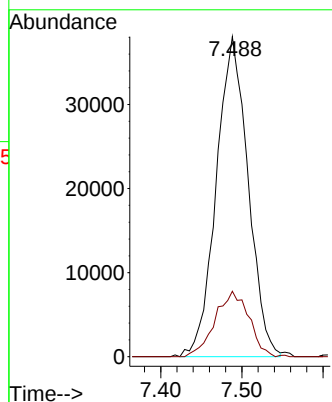
Tgt Ion: 77 Resp: 103534
Ion Ratio Lower Upper
77 100
97 21.7 18.3 27.5

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Reviewed By :John
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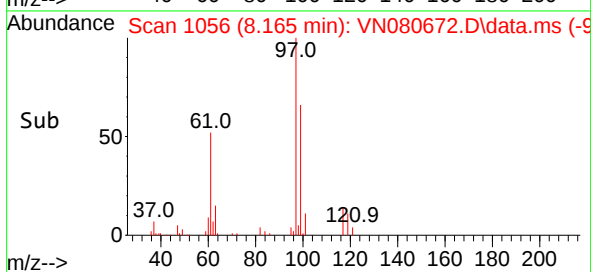
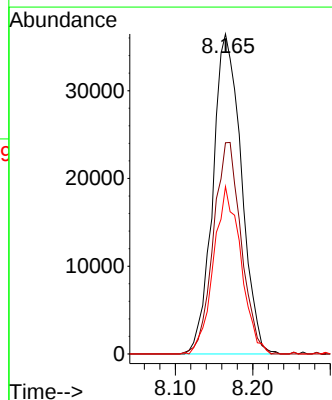
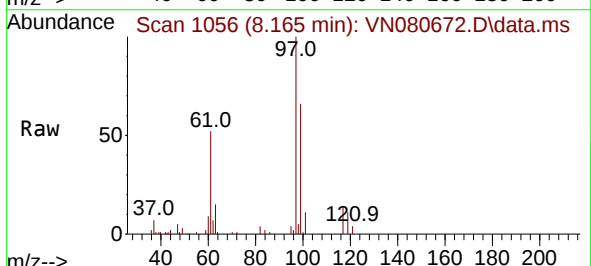
01/12/2024
Supervised By :Semsettin
Yesilyurt

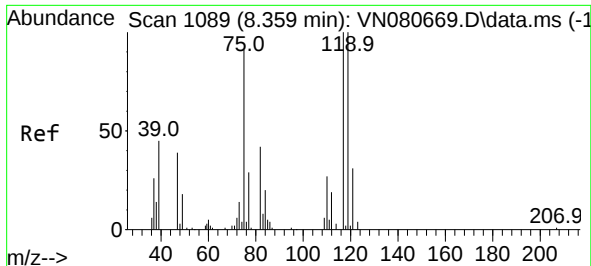
01/12/2024



#32
1,1,1-Trichloroethane
Concen: 20.631 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

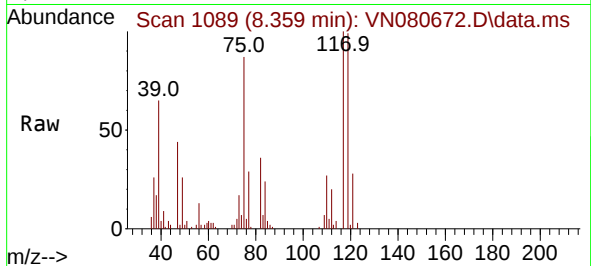
Tgt Ion: 97 Resp: 93033
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 50.2 33.8 50.8





#33
Carbon Tetrachloride
Concen: 20.843 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument : MSVOA_N
ClientSampleId : ICVVN011124



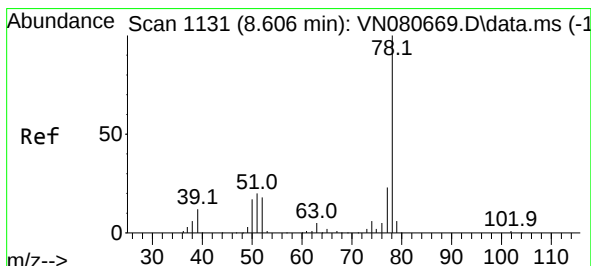
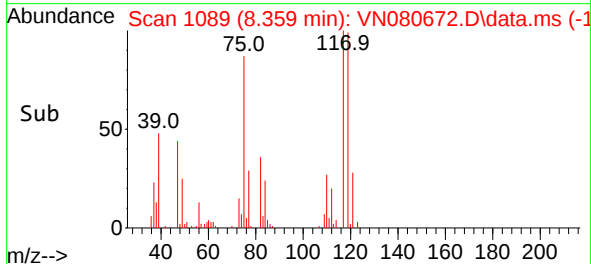
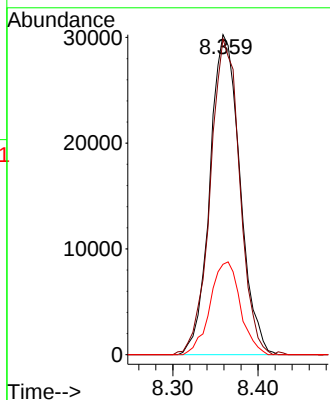
Tgt Ion: 117 Resp: 7422
Ion Ratio Lower Upper
117 100
119 97.8 77.7 116.5
121 28.2 27.0 40.6

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Reviewed By :John
Carlone

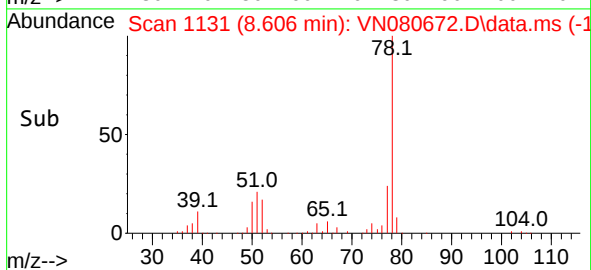
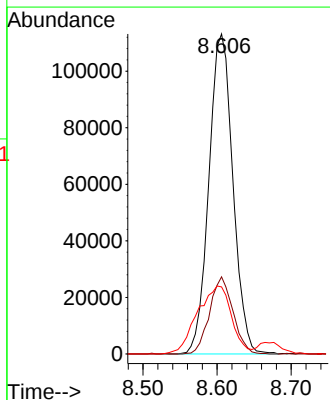
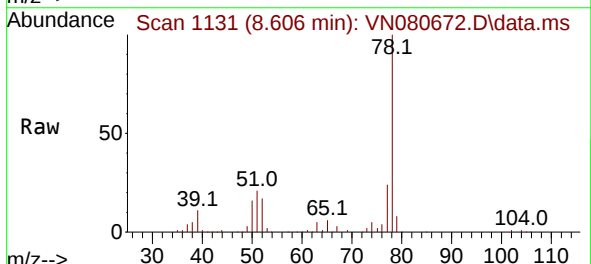
01/12/2024
Supervised By :Semsettin
Yesilyurt

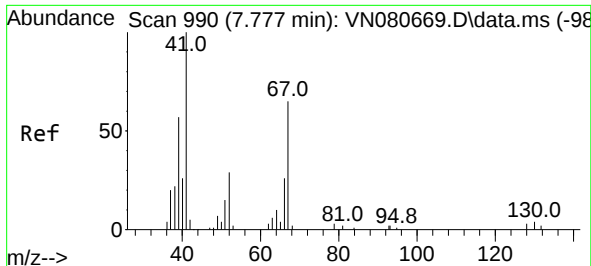
01/12/2024



#34
Benzene
Concen: 20.953 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

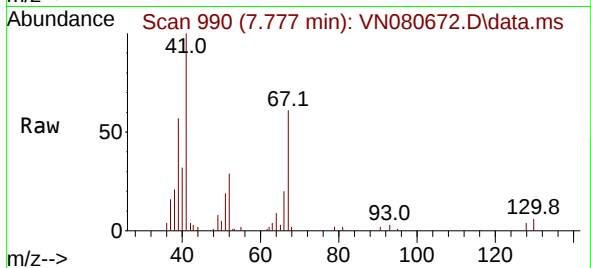
Tgt Ion: 78 Resp: 254695
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8
51 19.6 13.3 19.9





#35
Methacrylonitrile
Concen: 18.762 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



Tgt Ion: 41 Resp: 42694

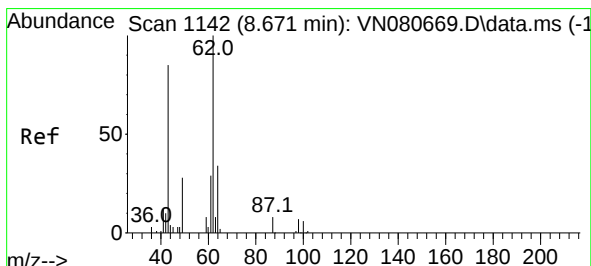
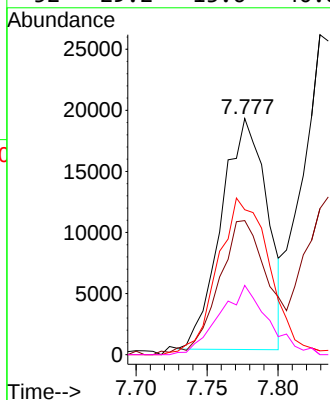
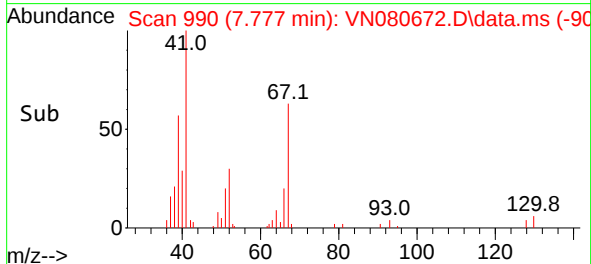
Ion	Ratio	Lower	Upper
41	100		
39	55.3	25.3	75.9
67	61.5	38.7	116.1
52	29.2	13.6	40.8

Manual Integrations
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Reviewed By :John
Carlone

01/12/2024
Supervised By :Semsettin
Yesilyurt

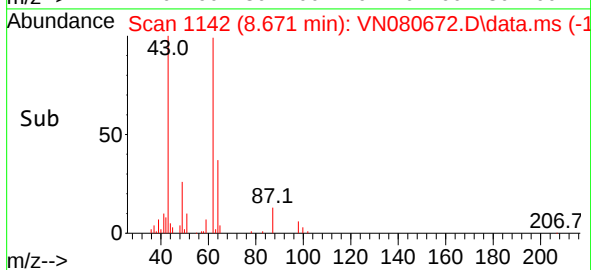
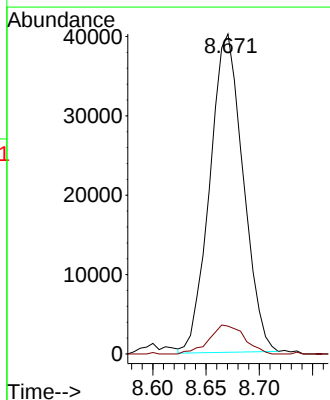
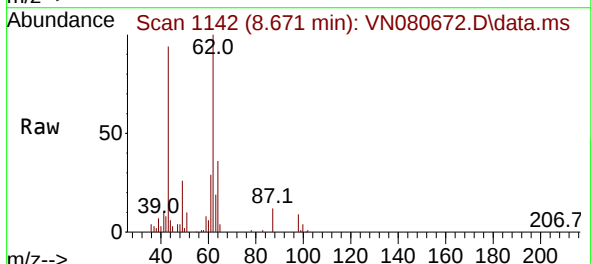
01/12/2024

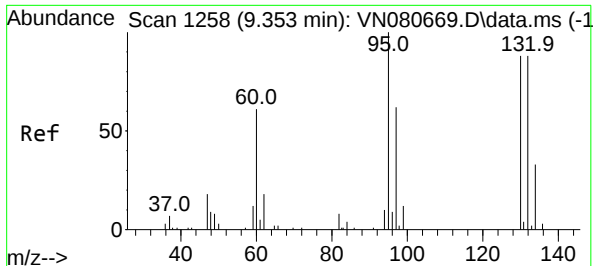


#36
1,2-Dichloroethane
Concen: 19.533 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Tgt Ion: 62 Resp: 87305

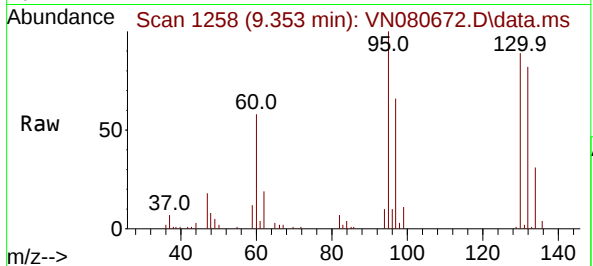
Ion	Ratio	Lower	Upper
62	100		
98	9.6	8.2	12.4





#37
Trichloroethene
Concen: 19.858 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



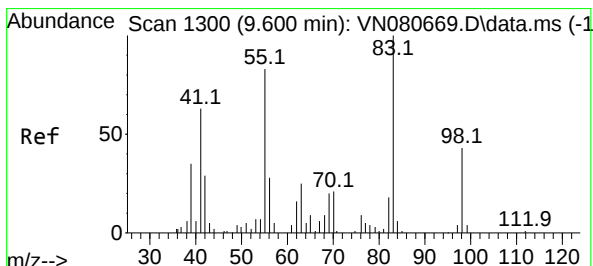
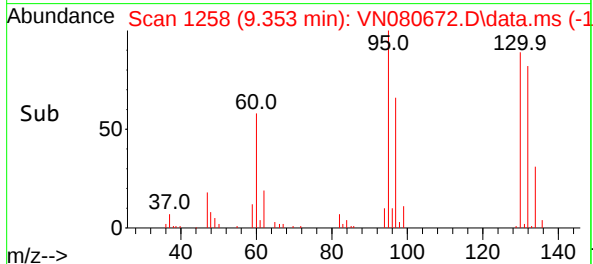
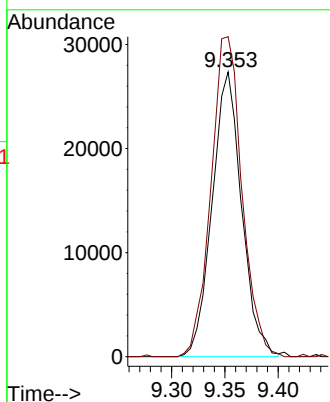
Tgt Ion:130 Resp: 5264
Ion Ratio Lower Upper
130 100
95 112.3 80.2 120.4

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Reviewed By :John
Carlone

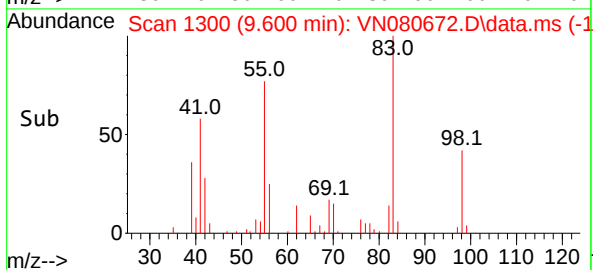
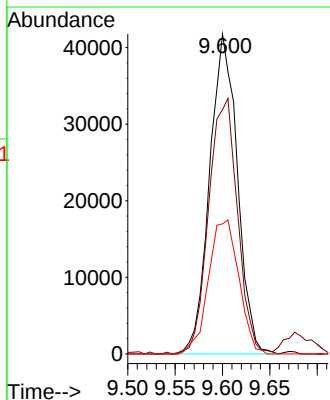
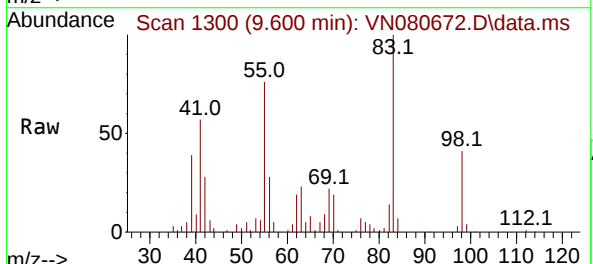
01/12/2024
Supervised By :Semsettin
Yesilyurt

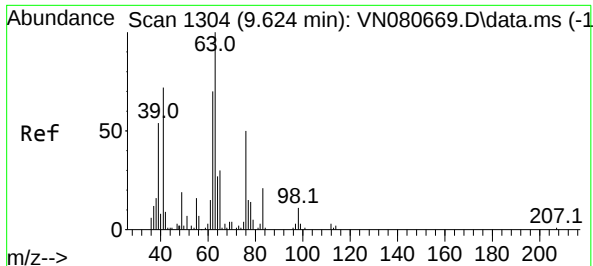
01/12/2024



#38
Methylcyclohexane
Concen: 21.317 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Tgt Ion: 83 Resp: 85105
Ion Ratio Lower Upper
83 100
55 83.0 36.6 109.9
98 45.9 23.8 71.5





#39

1,2-Dichloropropane

Concen: 21.025 ug/l

RT: 9.623 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN080672.D

Acq: 11 Jan 2024 12:53

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011124

Tgt Ion: 63 Resp: 68884

Ion Ratio Lower Upper

63 100

65 28.3 25.0 37.4

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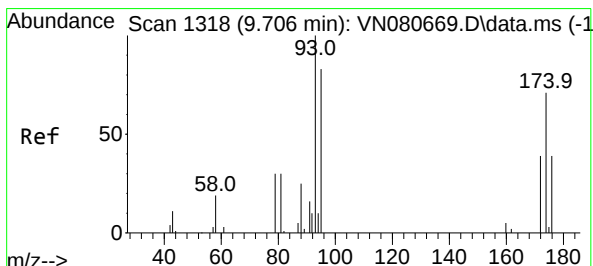
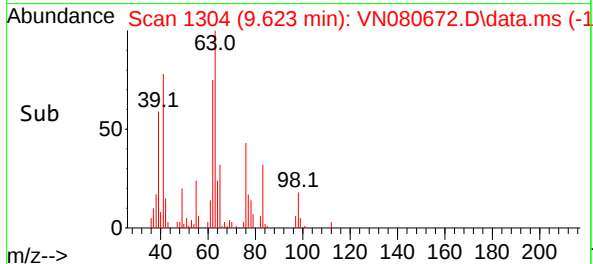
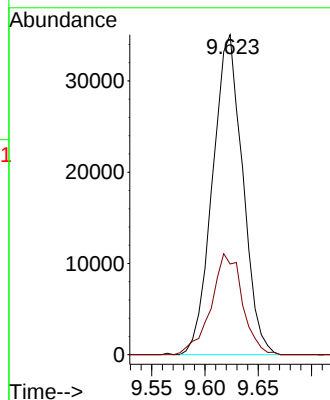
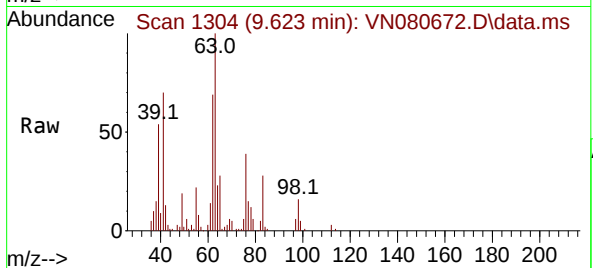
APPROVED

Reviewed By :John
Carlone

01/12/2024

Supervised By :Semsettin
Yesilyurt

01/12/2024



#40

Dibromomethane

Concen: 19.943 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN080672.D

Acq: 11 Jan 2024 12:53

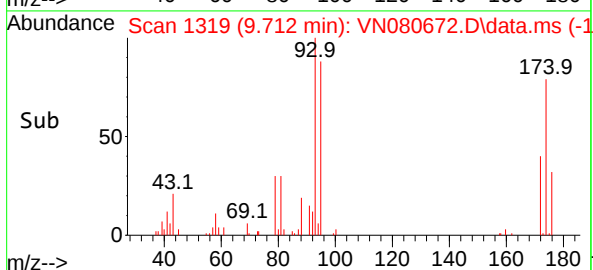
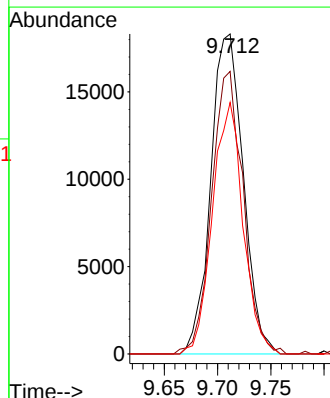
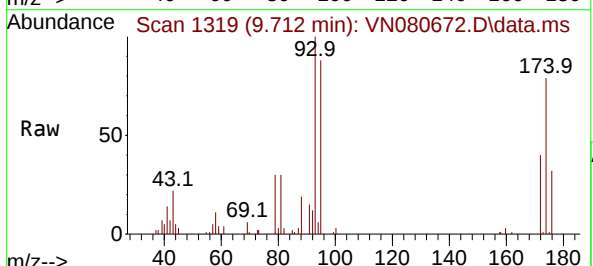
Tgt Ion: 93 Resp: 38877

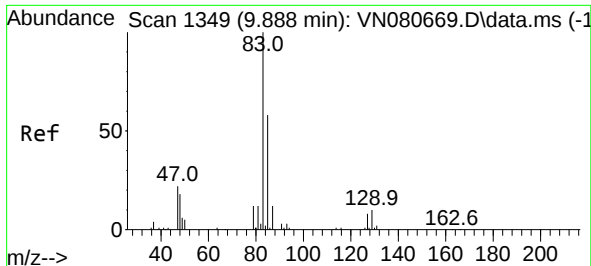
Ion Ratio Lower Upper

93 100

95 85.3 0.0 164.6

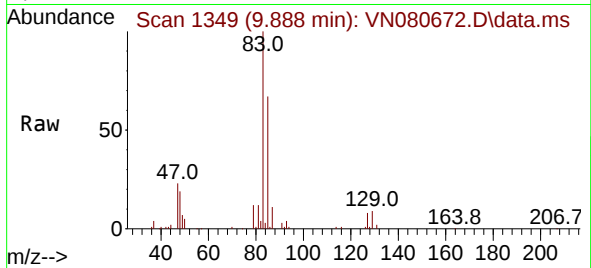
174 74.1 0.0 193.2





#41
Bromodichloromethane
Concen: 20.023 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



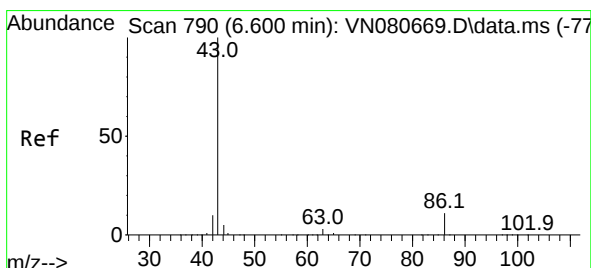
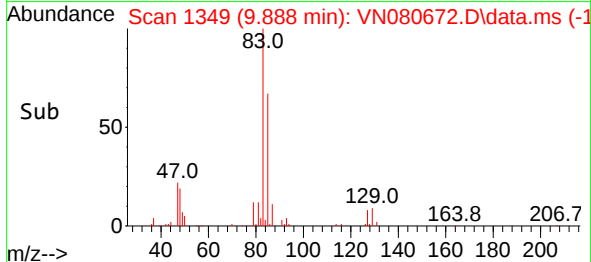
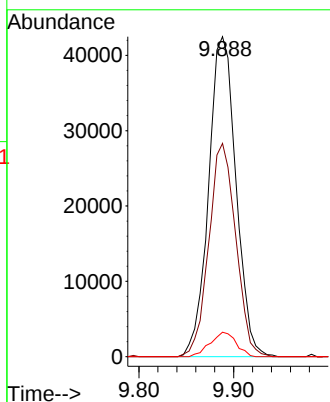
Tgt Ion: 83 Resp: 8541
Ion Ratio Lower Upper
83 100
85 66.6 49.4 74.2
127 7.7 7.3 10.9

Manual Integrations
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Reviewed By :John
Carlone

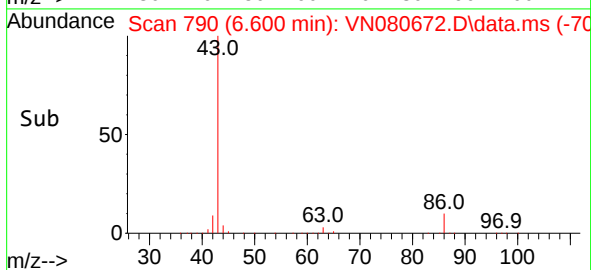
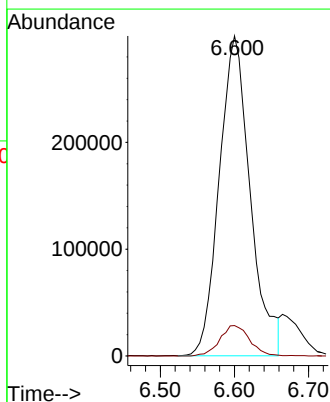
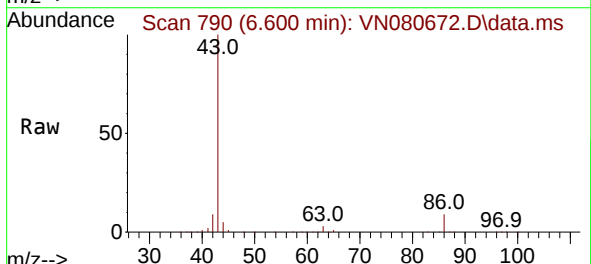
01/12/2024
Supervised By :Semsettin
Yesilyurt

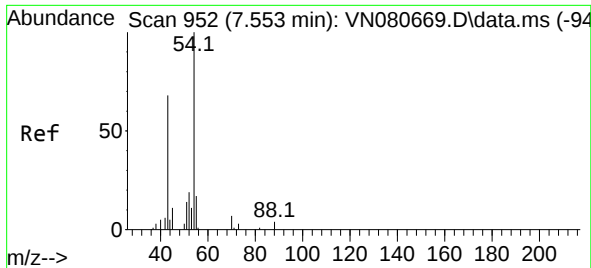
01/12/2024



#42
Vinyl Acetate
Concen: 103.336 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

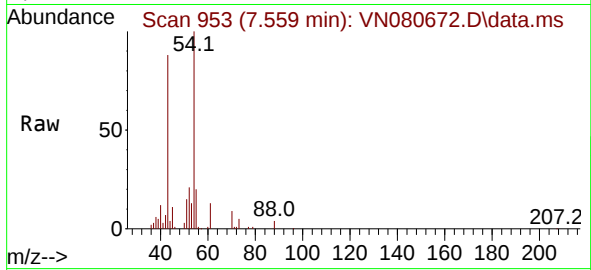
Tgt Ion: 43 Resp: 870946
Ion Ratio Lower Upper
43 100
86 9.1 9.4 14.2#





#43
Ethyl Acetate
Concen: 19.143 ug/l
RT: 7.559 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



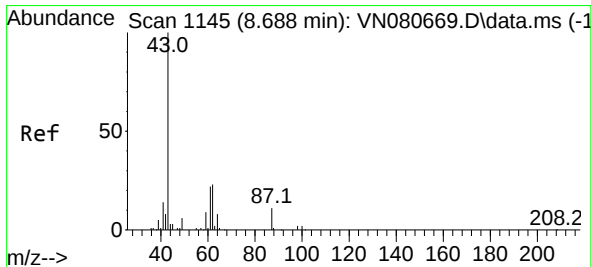
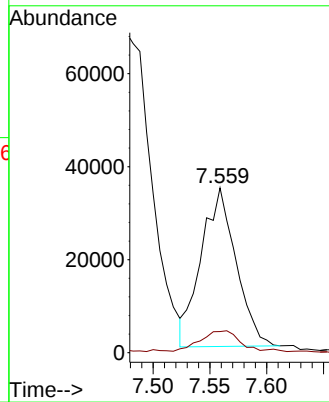
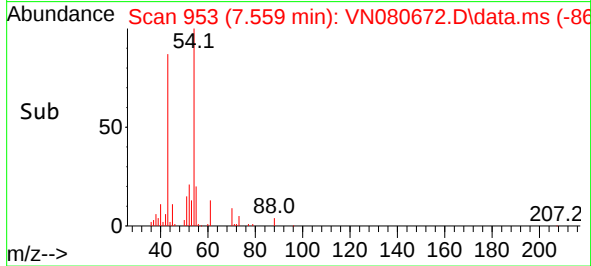
Tgt Ion: 43 Resp: 72892
Ion Ratio Lower Upper
43 100
45 15.2 10.6 15.8

Manual Integrations
APPROVED

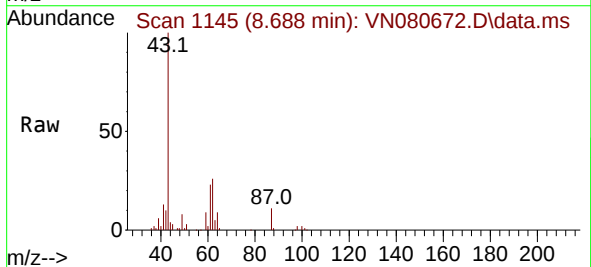
Reviewed By :John
Carlone

01/12/2024
Supervised By :Semsettin
Yesilyurt

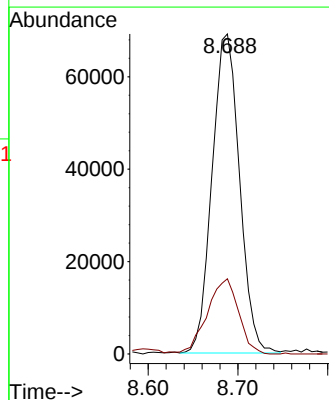
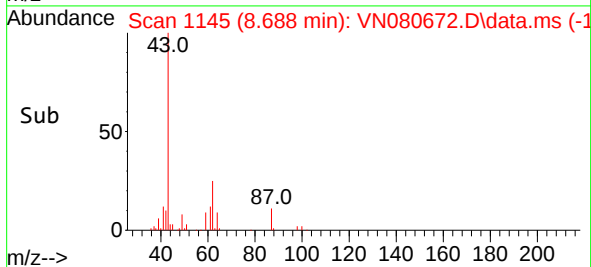
01/12/2024

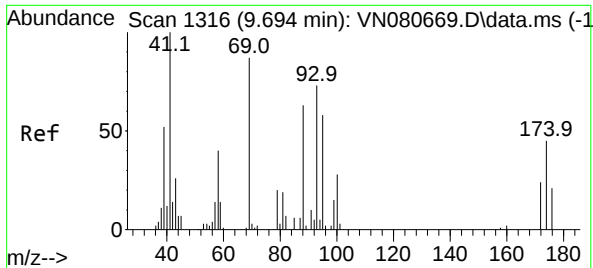


#44
Isopropyl Acetate
Concen: 20.184 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53



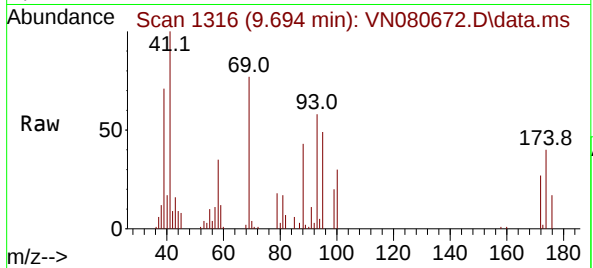
Tgt Ion: 43 Resp: 146717
Ion Ratio Lower Upper
43 100
61 26.8 25.0 37.4





#45
1,4-Dioxane
Concen: 404.565 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



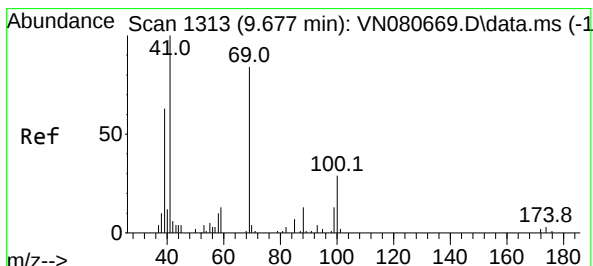
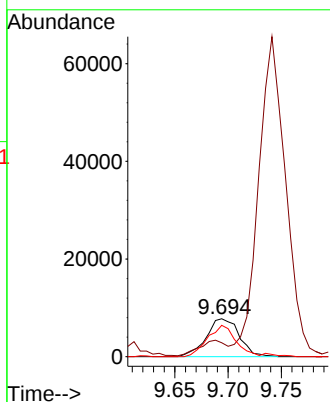
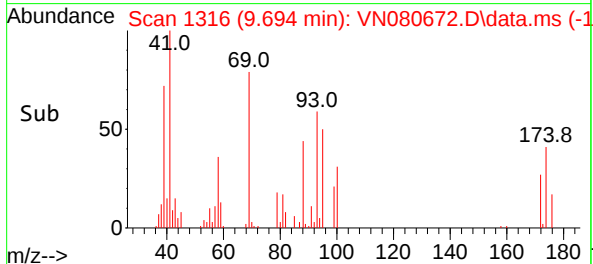
Tgt Ion: 88 Resp: 16725
Ion Ratio Lower Upper
88 100
43 32.4 19.8 29.6
58 70.9 55.4 83.0

Manual Integrations
APPROVED

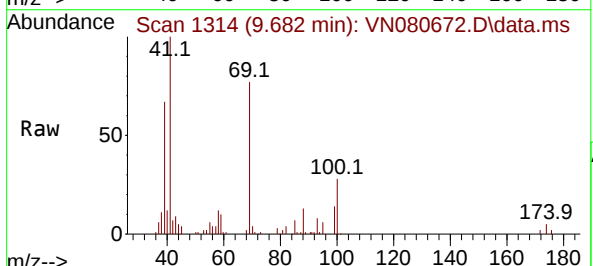
Reviewed By :John
Carlone

01/12/2024
Supervised By :Semsettin
Yesilyurt

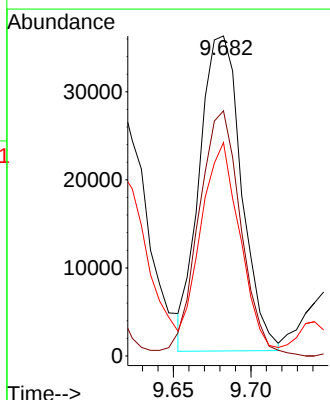
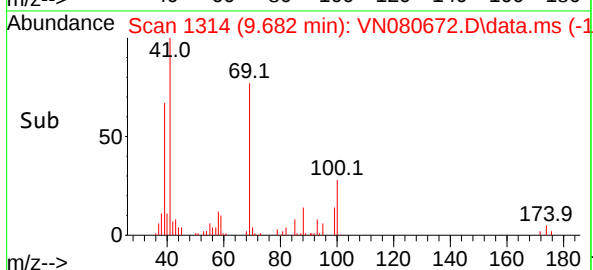
01/12/2024

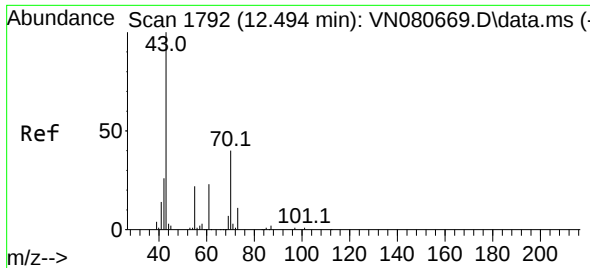


#46
Methyl methacrylate
Concen: 19.720 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.005 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53



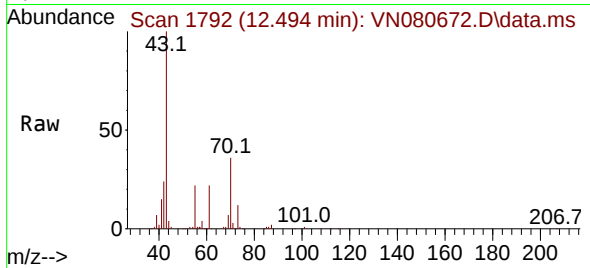
Tgt Ion: 41 Resp: 67497
Ion Ratio Lower Upper
41 100
69 77.9 51.1 153.3
39 66.7 25.8 77.3





#47
n-amy1 Acetate
Concen: 19.837 ug/l m
RT: 12.494 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



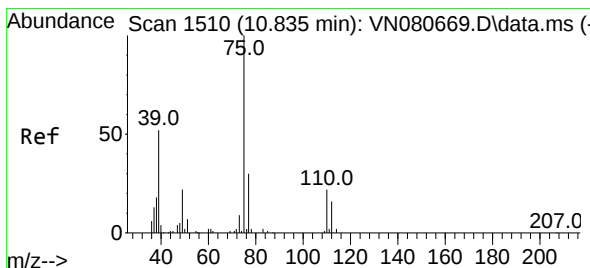
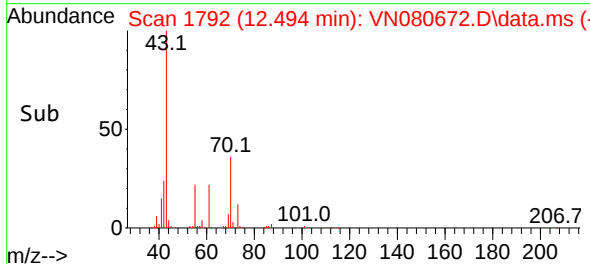
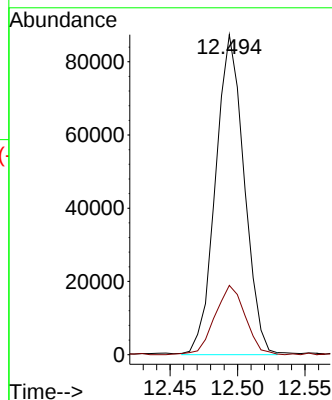
Tgt Ion: 43 Resp: 129380
Ion Ratio Lower Upper
43 100
55 0.1 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

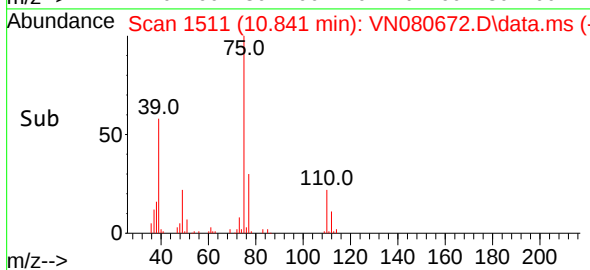
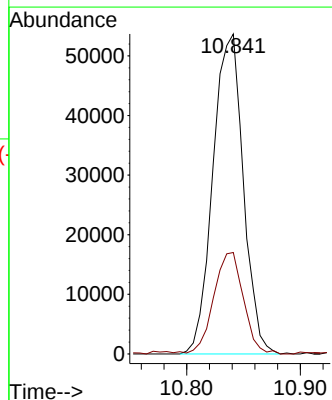
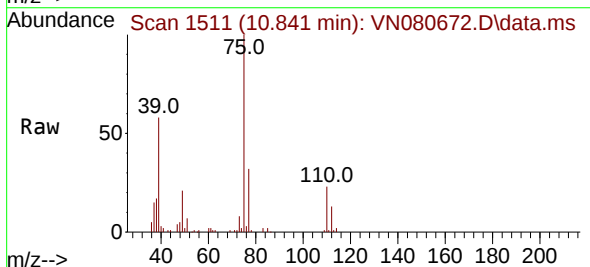
01/12/2024
Supervised By :Semsettin
Yesilyurt

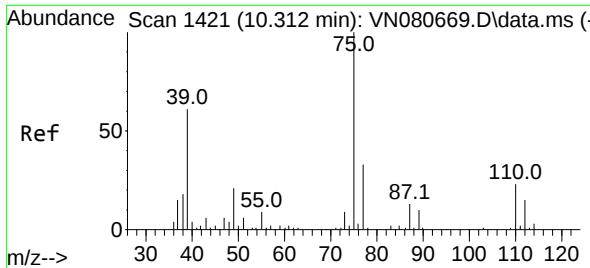
01/12/2024



#48
t-1,3-Dichloropropene
Concen: 19.836 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

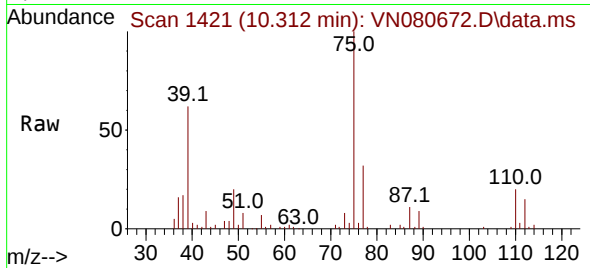
Tgt Ion: 75 Resp: 99702
Ion Ratio Lower Upper
75 100
77 31.7 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 20.311 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICNVN011124



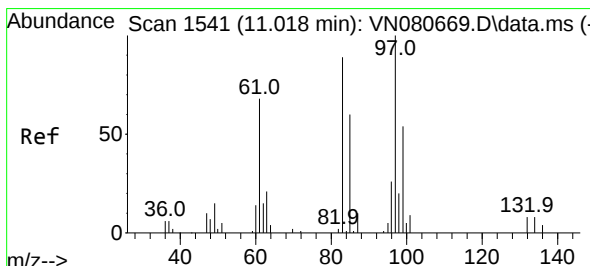
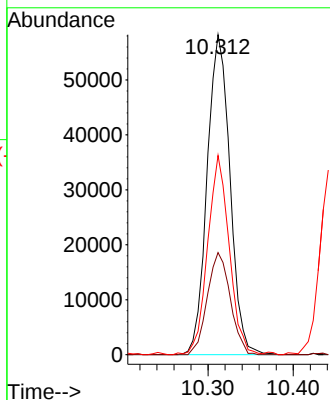
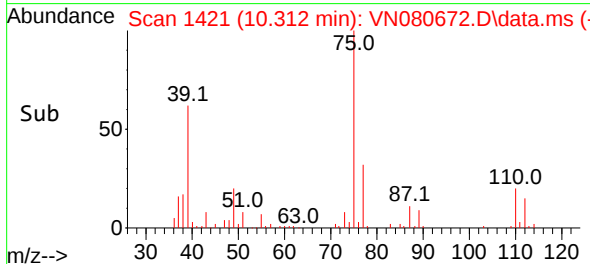
Tgt Ion: 75 Resp: 108360
Ion Ratio Lower Upper
75 100
77 31.9 24.9 37.3
39 62.3 31.0 46.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

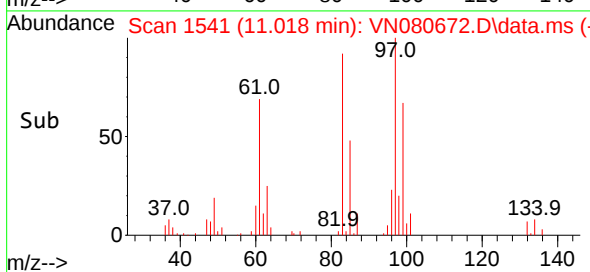
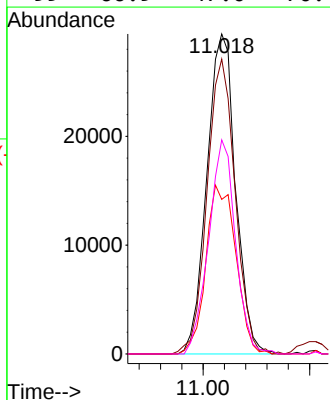
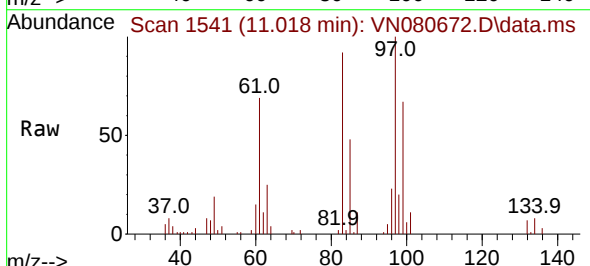
01/12/2024
Supervised By :Semsettin
Yesilyurt

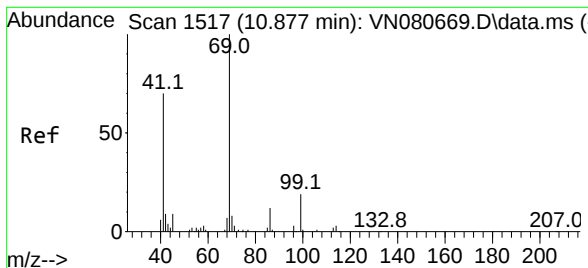
01/12/2024



#50
1,1,2-Trichloroethane
Concen: 20.544 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.001 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

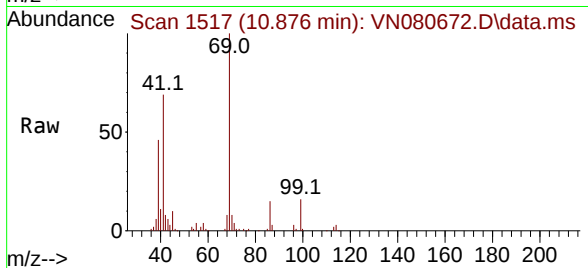
Tgt Ion: 97 Resp: 54998
Ion Ratio Lower Upper
97 100
83 91.5 68.1 102.1
85 48.3 41.8 62.6
99 66.9 47.0 70.4





#51
Ethyl methacrylate
Concen: 20.591 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



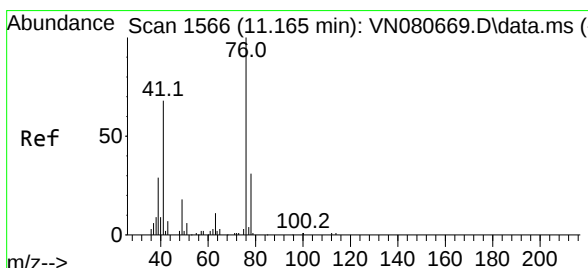
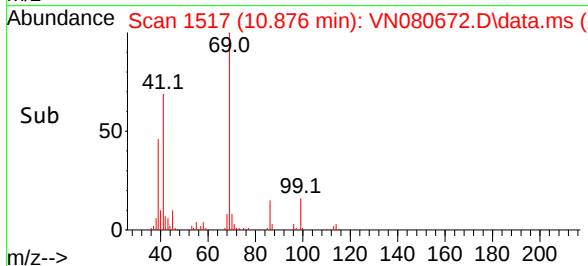
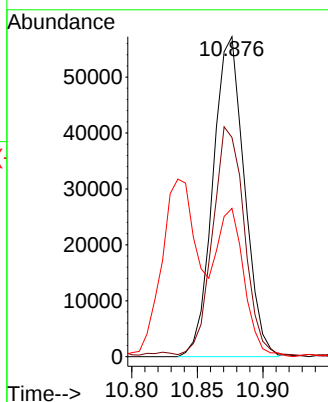
Tgt Ion: 69 Resp: 95292
Ion Ratio Lower Upper
69 100
41 67.9 25.5 76.5
39 45.1 16.0 47.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

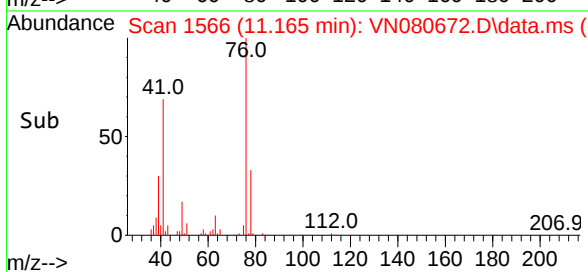
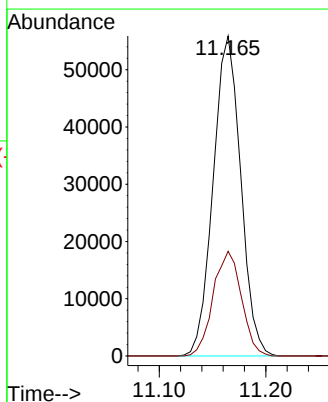
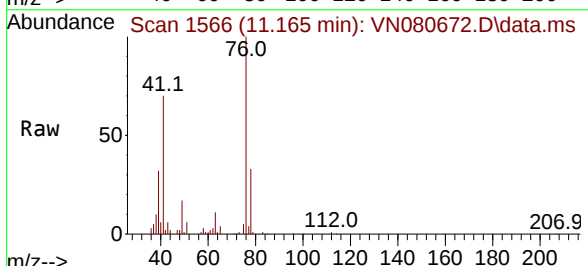
01/12/2024
Supervised By :Semsettin
Yesilyurt

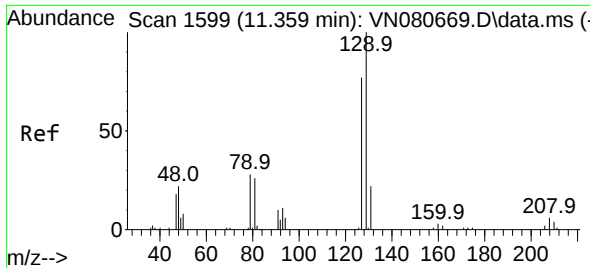
01/12/2024



#52
1,3-Dichloropropane
Concen: 19.918 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

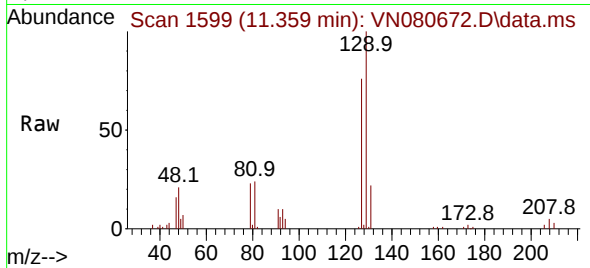
Tgt Ion: 76 Resp: 100384
Ion Ratio Lower Upper
76 100
78 33.5 0.0 65.8





#53
Dibromochloromethane
Concen: 20.224 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



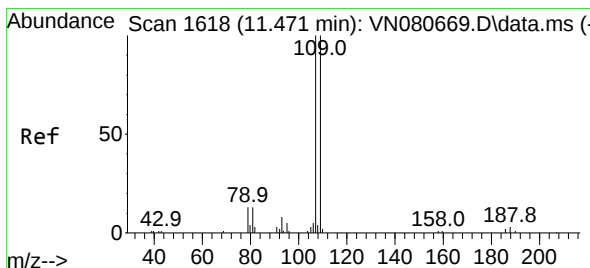
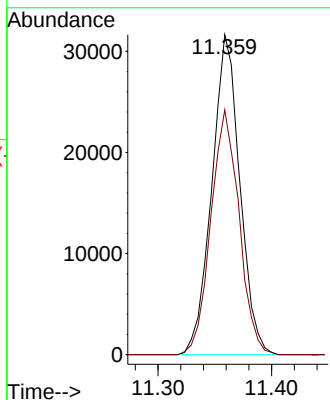
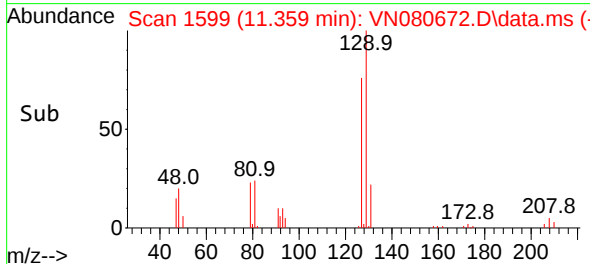
Tgt Ion:129 Resp: 54180
Ion Ratio Lower Upper
129 100
127 77.1 39.4 118.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

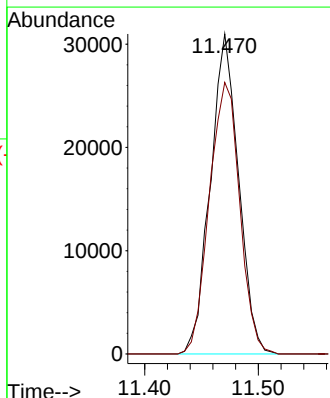
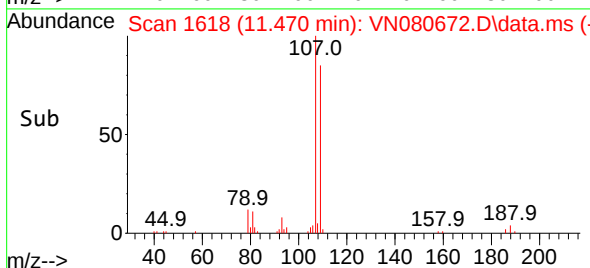
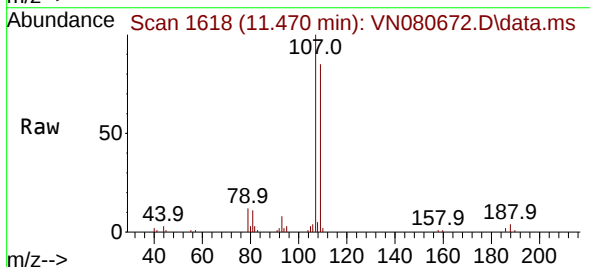
01/12/2024
Supervised By :Semsettin
Yesilyurt

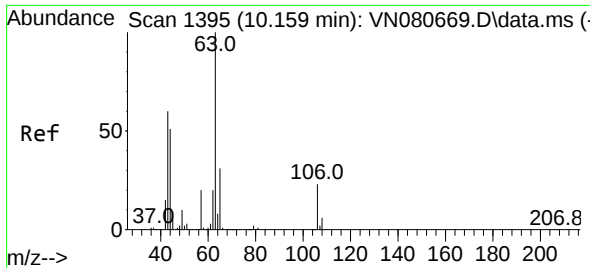
01/12/2024



#54
1,2-Dibromoethane
Concen: 20.355 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.001 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

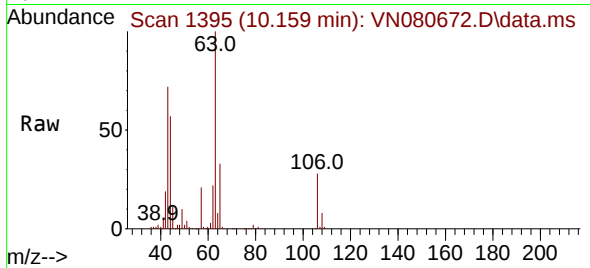
Tgt Ion:107 Resp: 53566
Ion Ratio Lower Upper
107 100
109 91.2 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 78.968 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



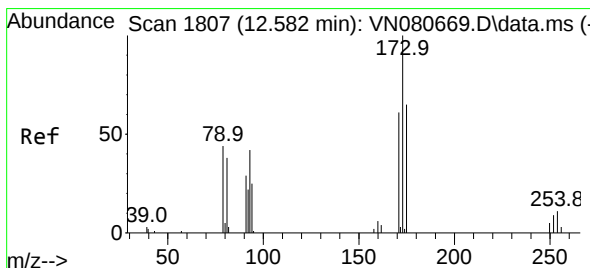
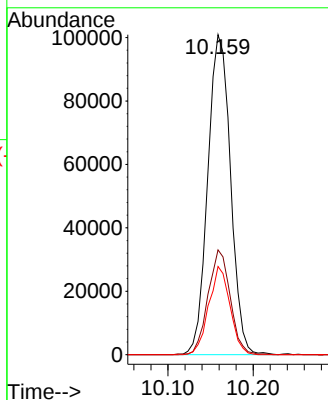
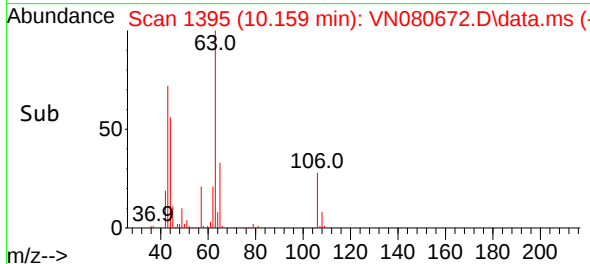
Tgt Ion: 63 Resp: 187840
Ion Ratio Lower Upper
63 100
65 31.7 26.2 39.2
106 25.7 23.8 35.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

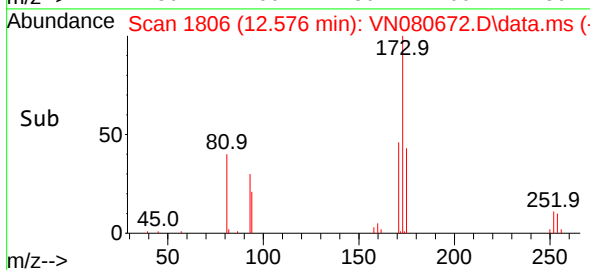
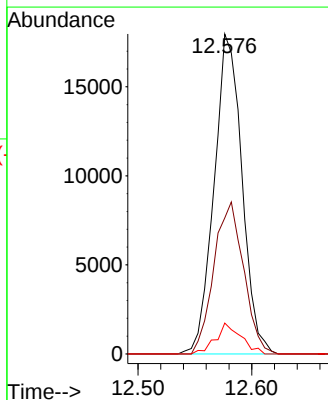
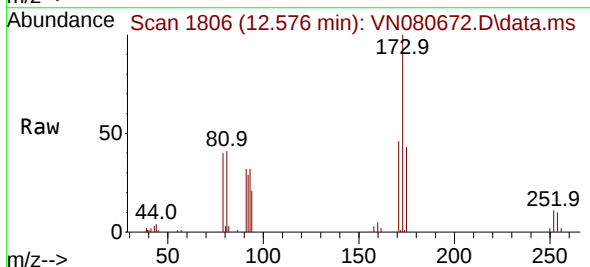
01/12/2024
Supervised By :Semsettin
Yesilyurt

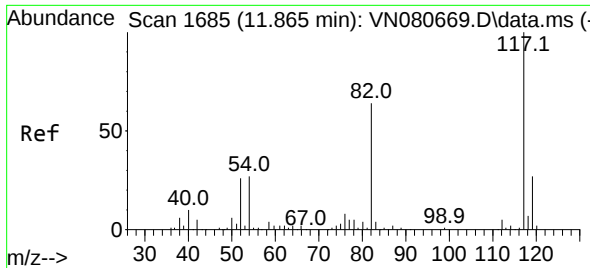
01/12/2024



#56
Bromoform
Concen: 19.341 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

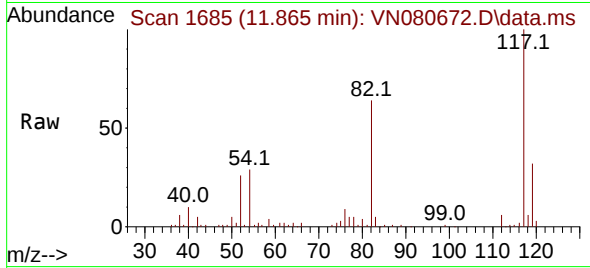
Tgt Ion:173 Resp: 30607
Ion Ratio Lower Upper
173 100
175 50.8 40.0 60.0
254 8.8 8.3 12.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



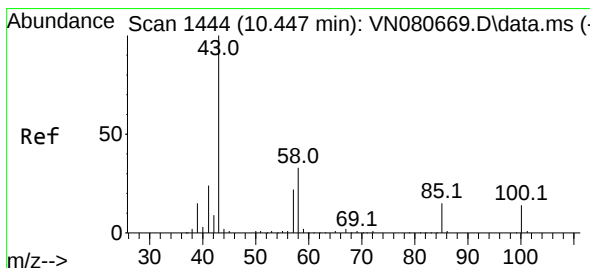
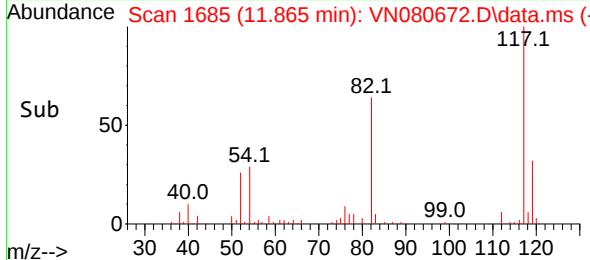
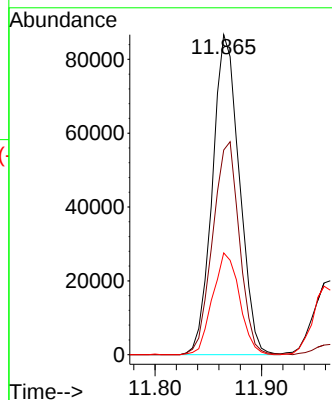
Tgt Ion: 117 Resp: 152230
Ion Ratio Lower Upper
117 100
82 66.1 46.6 69.8
119 31.8 25.4 38.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

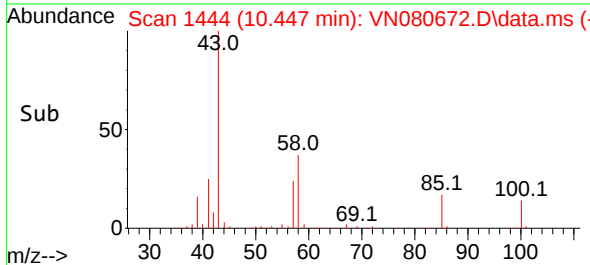
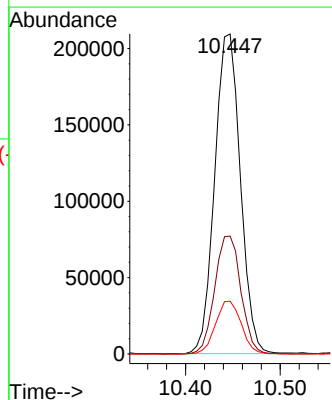
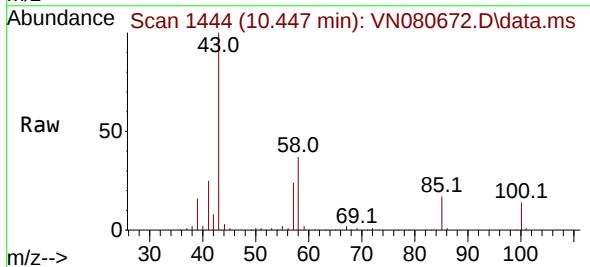
01/12/2024
Supervised By :Semsettin
Yesilyurt

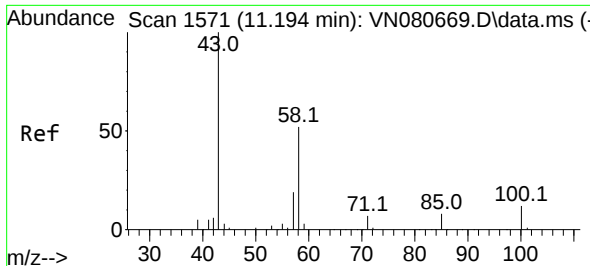
01/12/2024



#58
4-Methyl-2-Pentanone
Concen: 98.250 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

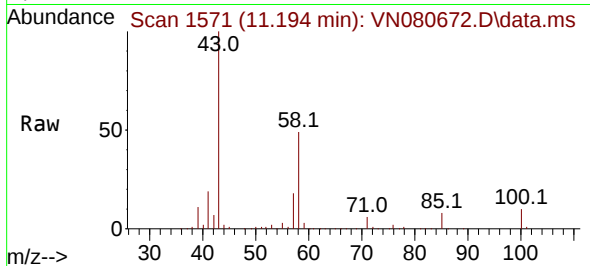
Tgt Ion: 43 Resp: 393462
Ion Ratio Lower Upper
43 100
58 37.6 36.5 54.7
85 16.6 19.5 29.3#





#59
2-Hexanone
Concen: 100.938 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



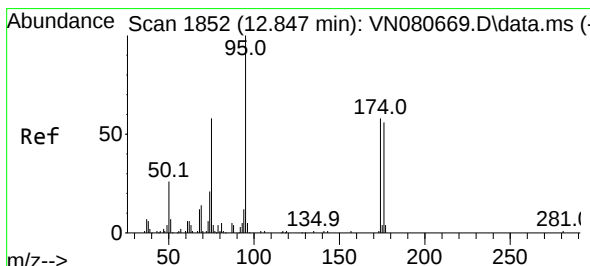
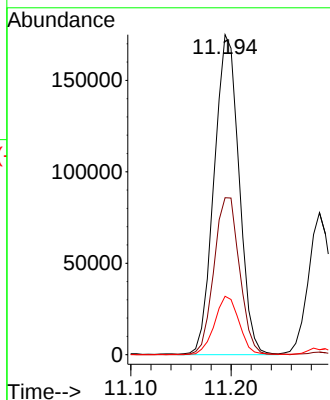
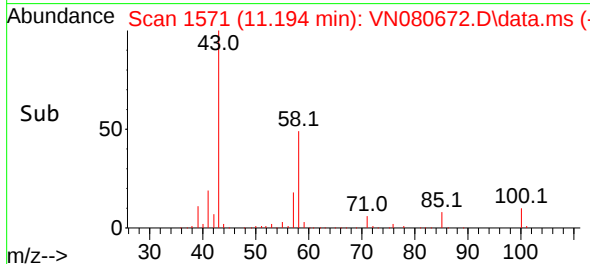
Tgt Ion: 43 Resp: 301810
Ion Ratio Lower Upper
43 100
58 50.3 50.4 75.6
57 18.0 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

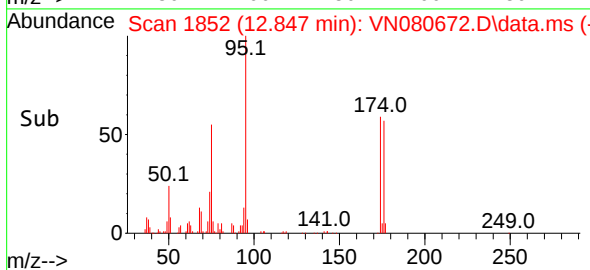
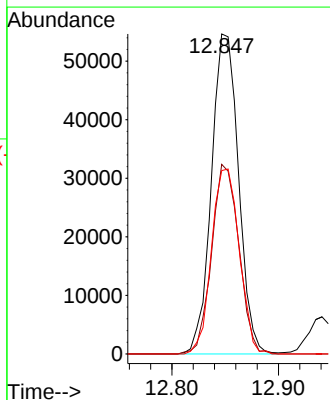
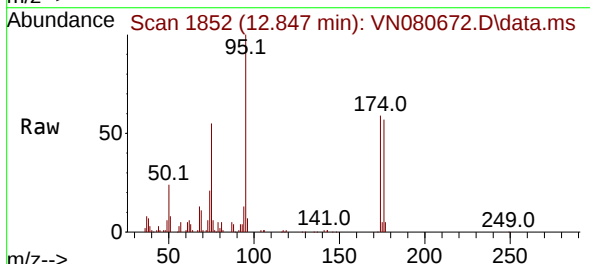
01/12/2024
Supervised By :Semsettin
Yesilyurt

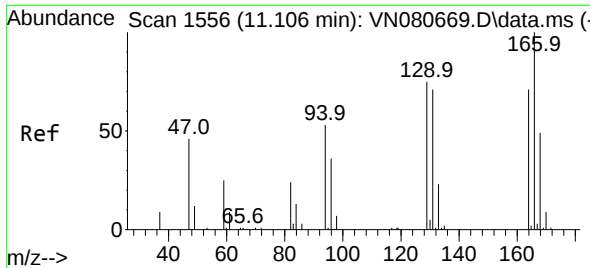
01/12/2024



#60
4-Bromofluorobenzene
Concen: 28.652 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

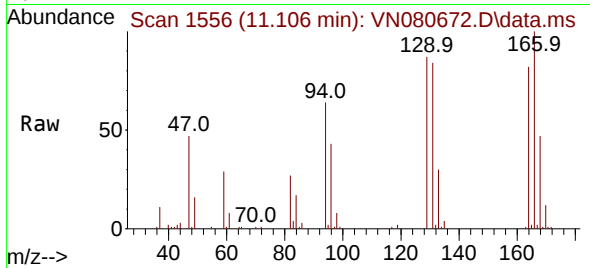
Tgt Ion: 95 Resp: 96492
Ion Ratio Lower Upper
95 100
174 59.1 60.5 90.7#
176 59.2 57.8 86.6





#61
Tetrachloroethene
Concen: 20.499 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



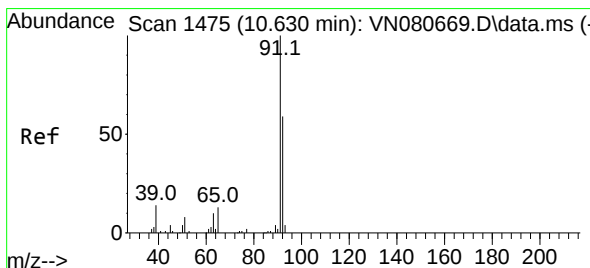
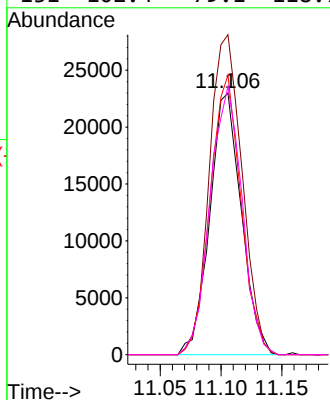
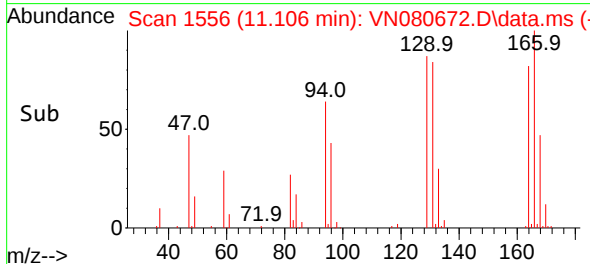
Tgt Ion:164 Resp: 4154
Ion Ratio Lower Upper
164 100
166 122.3 106.7 160.1
129 106.8 85.8 128.6
131 102.4 79.1 118.7

Manual Integrations
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Reviewed By :John
Carlone

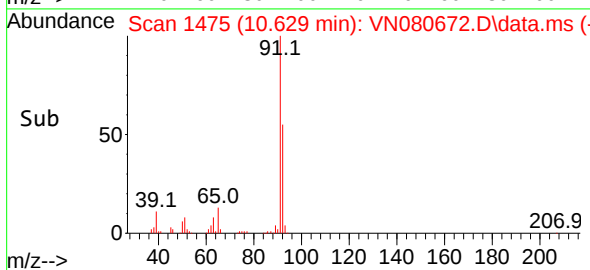
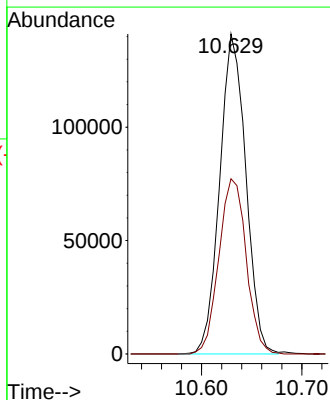
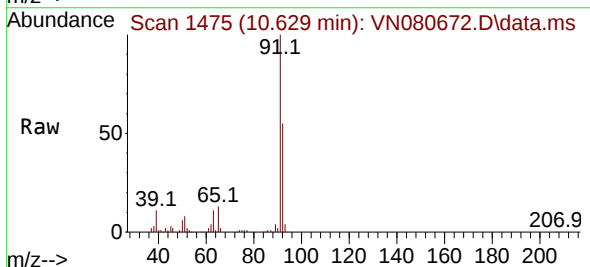
01/12/2024
Supervised By :Semsettin
Yesilyurt

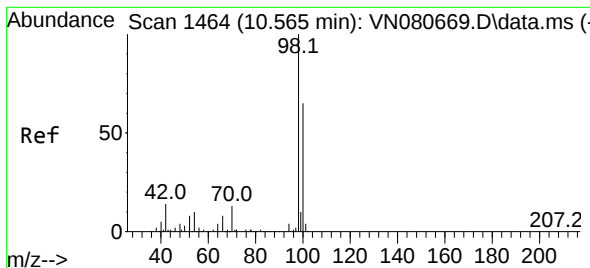
01/12/2024



#62
Toluene
Concen: 20.841 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

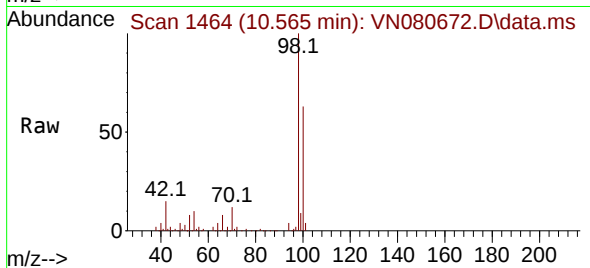
Tgt Ion: 91 Resp: 255187
Ion Ratio Lower Upper
91 100
92 57.2 46.5 69.7





#63
Toluene-d8
Concen: 30.226 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



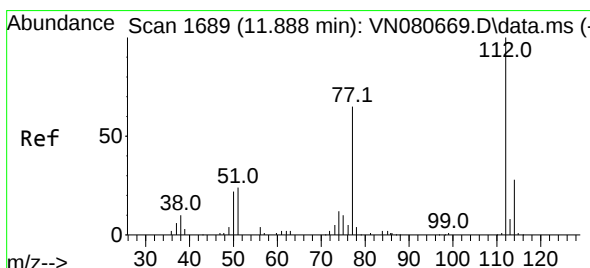
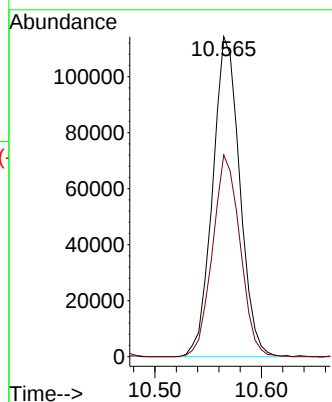
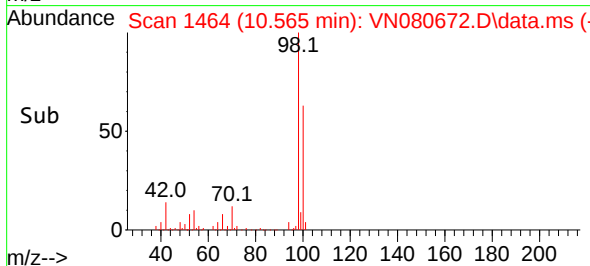
Tgt Ion: 98 Resp: 201944
Ion Ratio Lower Upper
98 100
100 64.0 52.7 79.1

Manual Integrations
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Reviewed By :John
Carlone

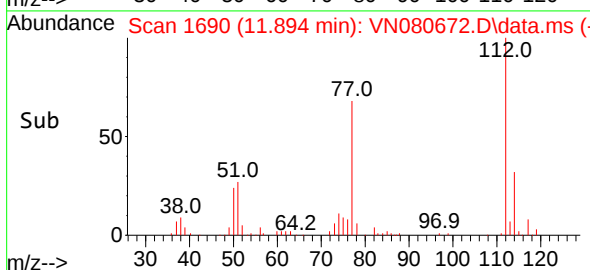
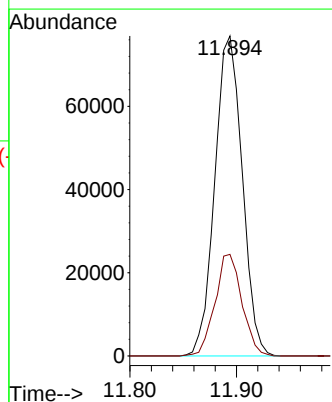
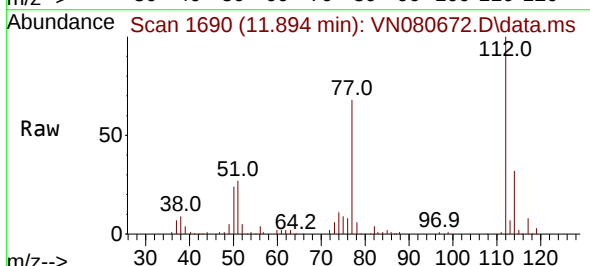
01/12/2024
Supervised By :Semsettin
Yesilyurt

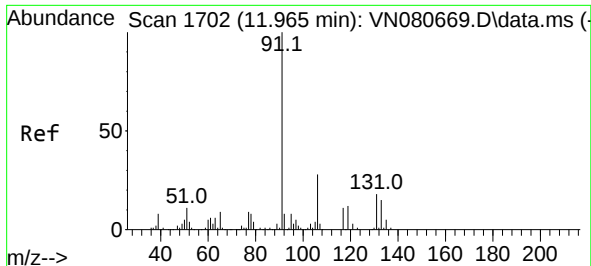
01/12/2024



#64
Chlorobenzene
Concen: 20.185 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

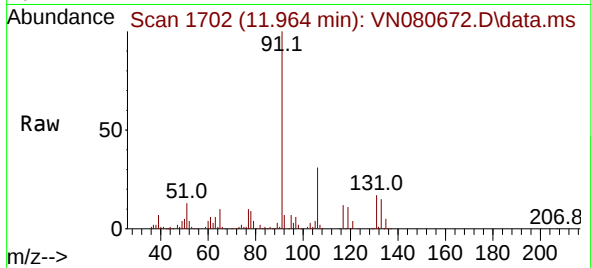
Tgt Ion:112 Resp: 137661
Ion Ratio Lower Upper
112 100
114 31.8 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 20.046 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument : MSVOA_N
ClientSampleId : ICVVN011124



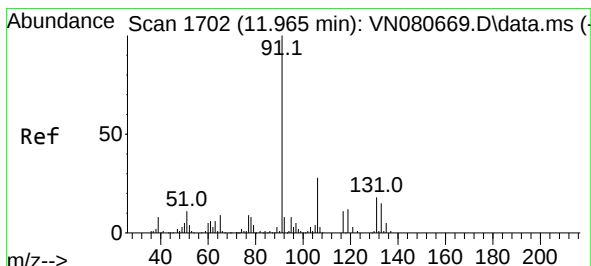
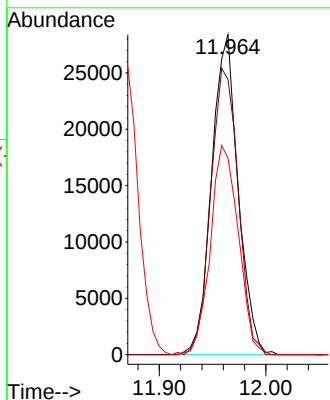
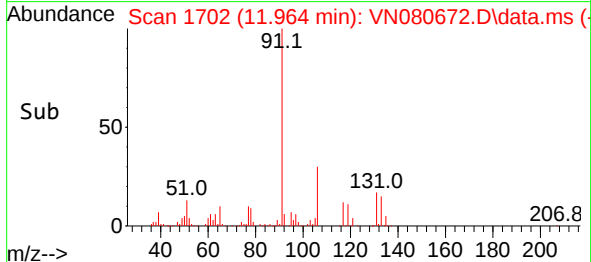
Tgt Ion:131 Resp: 49119
Ion Ratio Lower Upper
131 100
133 92.6 0.0 188.0
119 68.8 0.0 122.8

Manual Integrations
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Reviewed By :John
Carlone

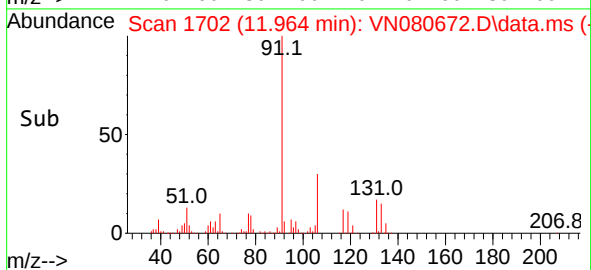
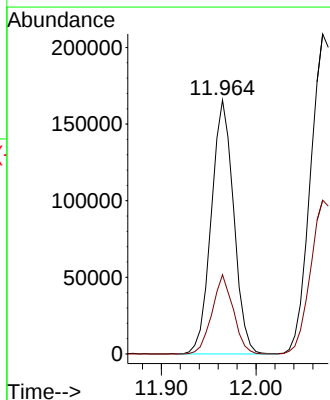
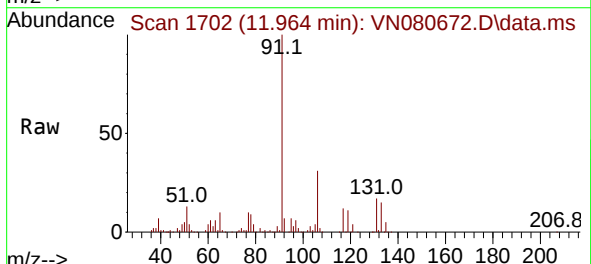
01/12/2024
Supervised By :Semsettin
Yesilyurt

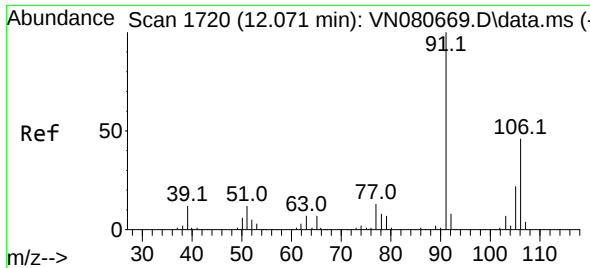
01/12/2024



#66
Ethyl Benzene
Concen: 21.152 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Tgt Ion: 91 Resp: 272398
Ion Ratio Lower Upper
91 100
106 31.2 24.4 36.6





#67
m/p-Xylenes
Concen: 42.209 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.001 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124

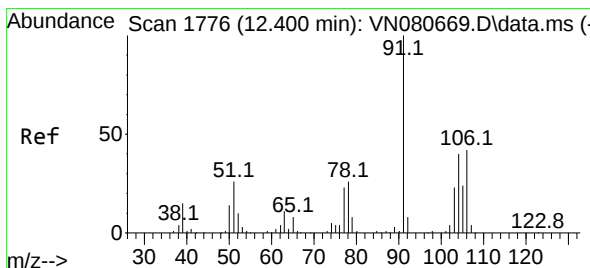
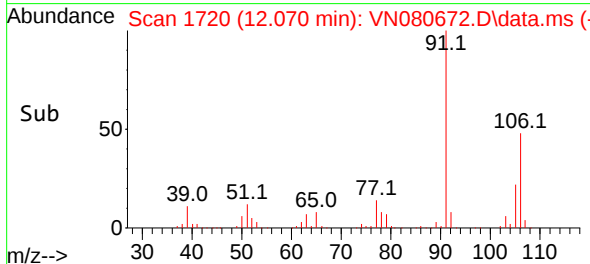
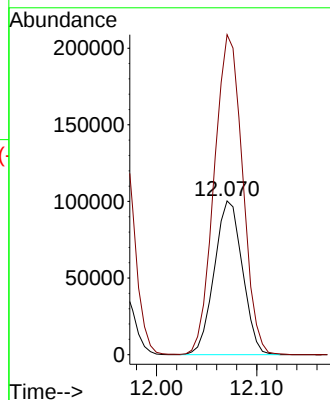
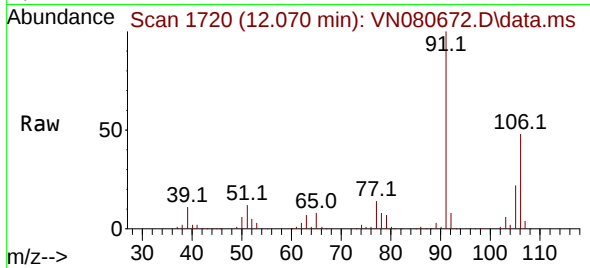
Tgt Ion:106 Resp: 195374
Ion Ratio Lower Upper
106 100
91 210.3 166.6 249.8

Manual Integrations
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Reviewed By :John
Carlone

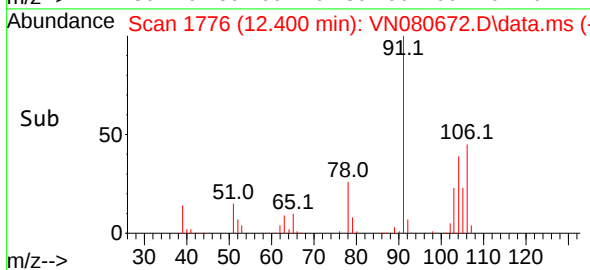
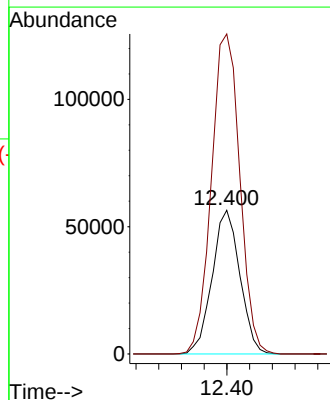
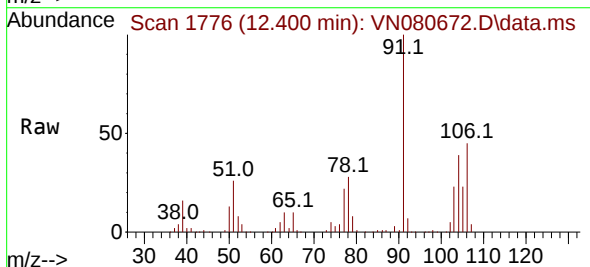
01/12/2024
Supervised By :Semsettin
Yesilyurt

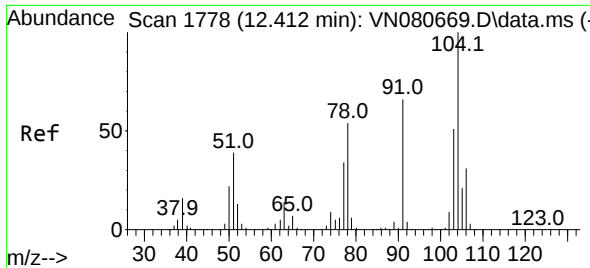
01/12/2024



#68
o-Xylene
Concen: 20.751 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

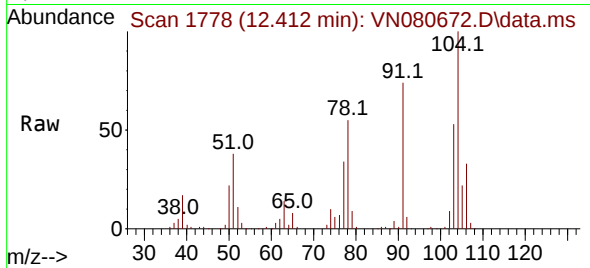
Tgt Ion:106 Resp: 95794
Ion Ratio Lower Upper
106 100
91 228.0 110.0 330.0





#69
Styrene
Concen: 20.102 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



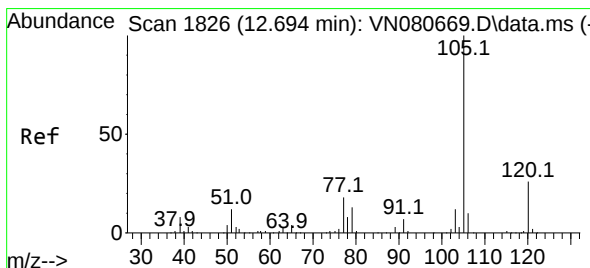
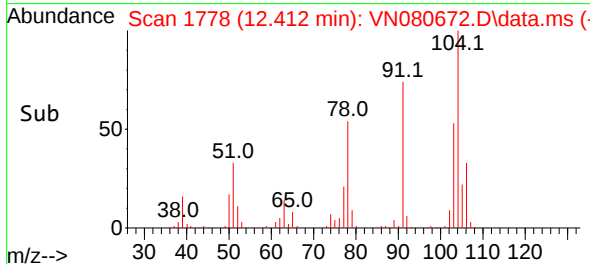
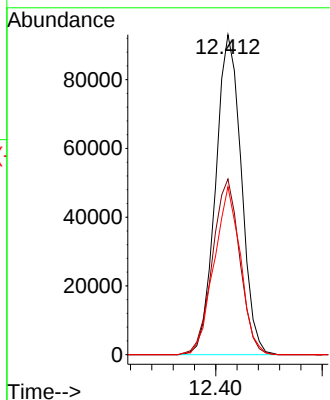
Tgt Ion:104 Resp: 155897
Ion Ratio Lower Upper
104 100
78 58.2 42.6 64.0
103 54.1 43.7 65.5

Manual Integrations
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Reviewed By :John
Carlone

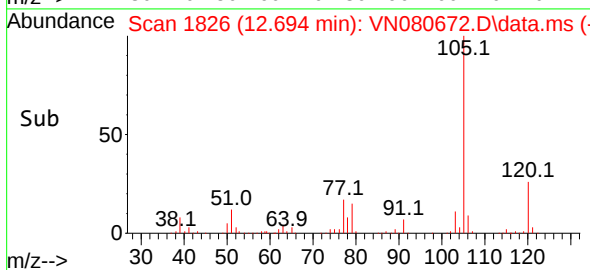
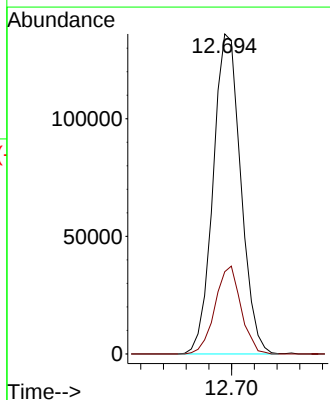
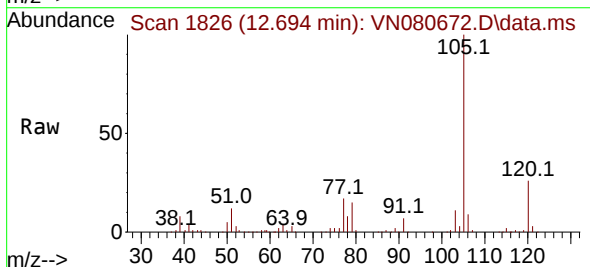
01/12/2024
Supervised By :Semsettin
Yesilyurt

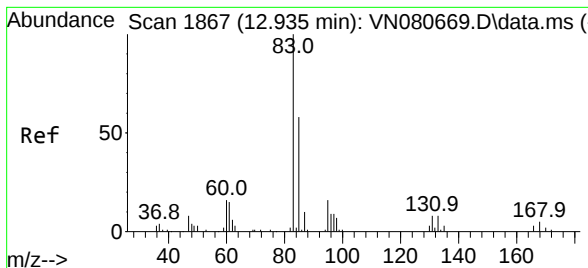
01/12/2024



#70
Isopropylbenzene
Concen: 20.395 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

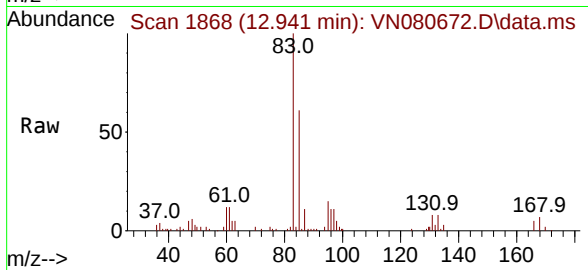
Tgt Ion:105 Resp: 230097
Ion Ratio Lower Upper
105 100
120 25.7 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.610 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



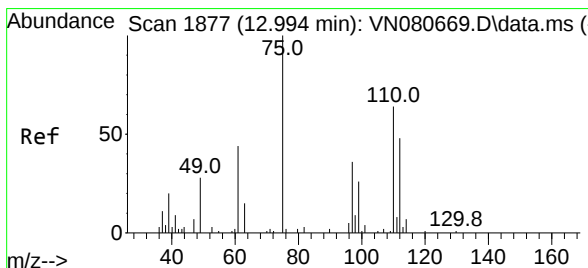
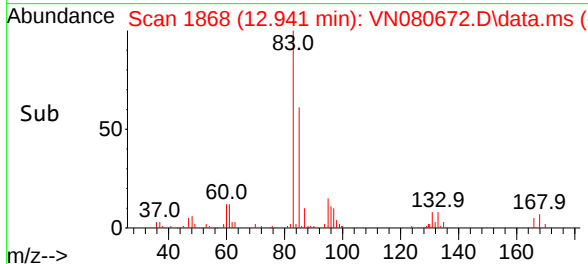
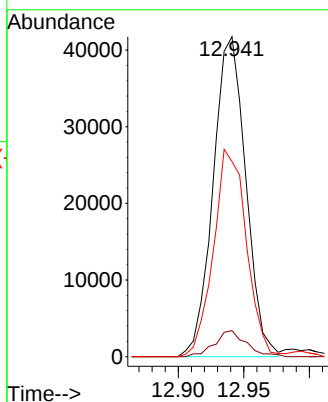
Tgt Ion: 83 Resp: 72215
Ion Ratio Lower Upper
83 100
131 7.9 5.2 15.6
85 65.1 32.3 96.8

Manual Integrations
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Reviewed By :John
Carlone

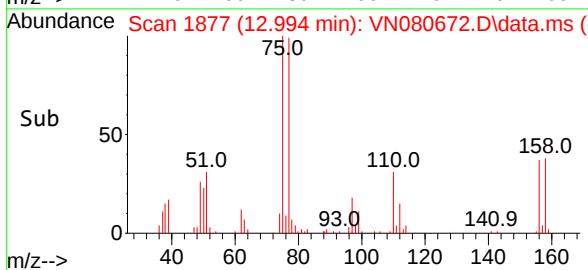
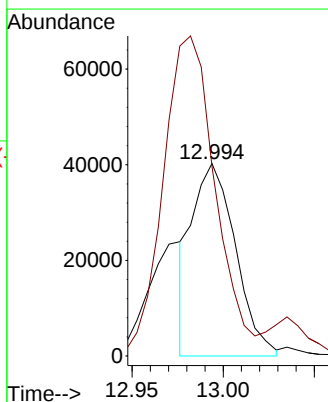
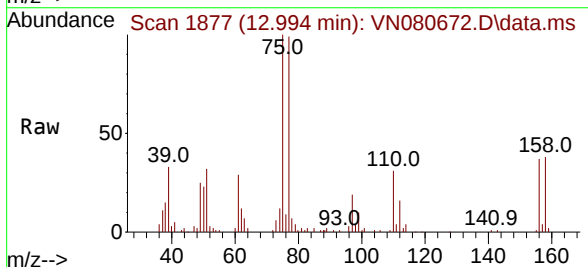
01/12/2024
Supervised By :Semsettin
Yesilyurt

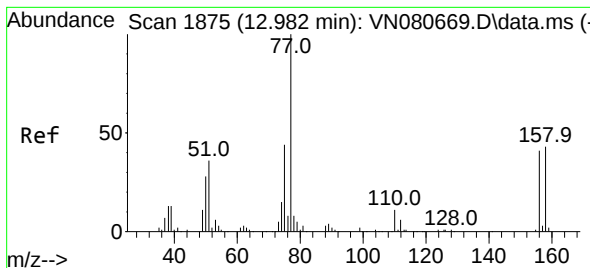
01/12/2024



#72
1,2,3-Trichloropropane
Concen: 18.969 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Tgt Ion: 75 Resp: 66207
Ion Ratio Lower Upper
75 100
77 200.9 0.0 367.6





#73

Bromobenzene

Concen: 20.000 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN080672.D

Acq: 11 Jan 2024 12:53

Instrument :

MSVOA_N

ClientSampleId :

ICNVN011124

Tgt Ion:	156	Resp:	48098
Ion Ratio	Lower	Upper	
156	100		
77	276.5	0.0	437.6
158	94.9	0.0	203.8

Manual Integrations

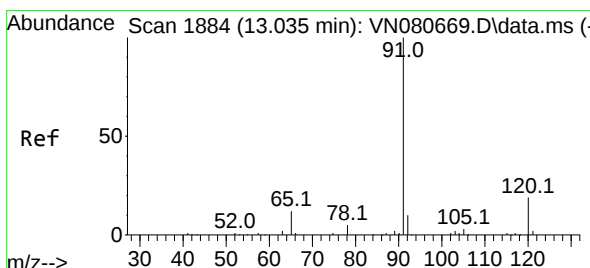
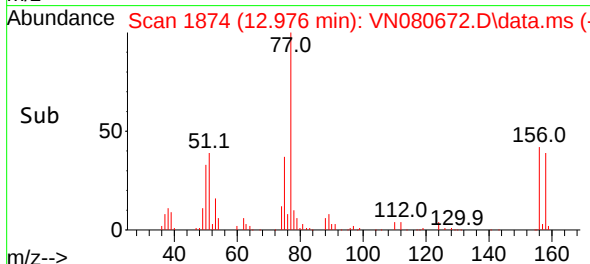
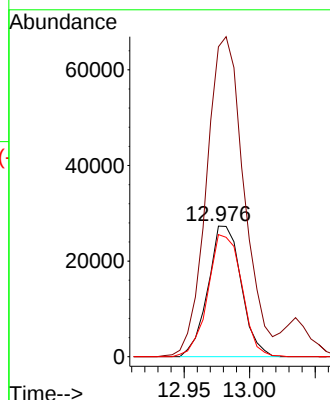
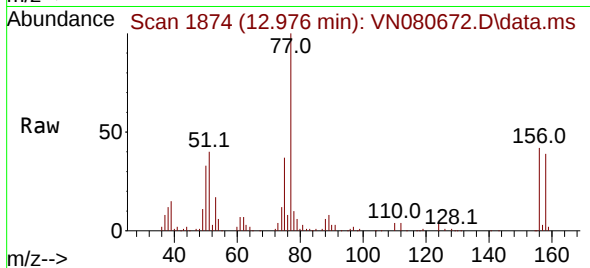
APPROVED

Reviewed By :John
Carlone

01/12/2024

Supervised By :Semsettin
Yesilyurt

01/12/2024



#74

n-propylbenzene

Concen: 20.210 ug/l

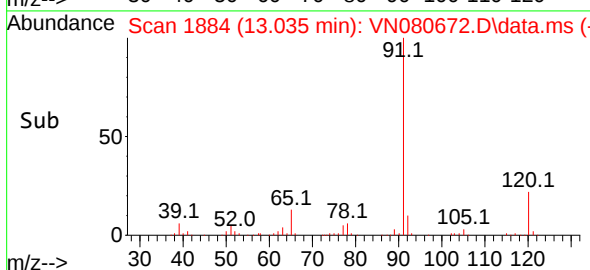
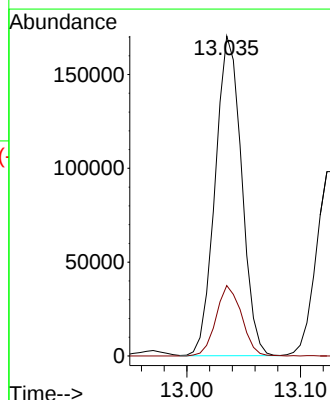
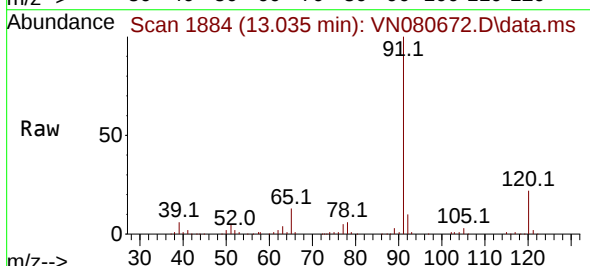
RT: 13.035 min Scan# 1884

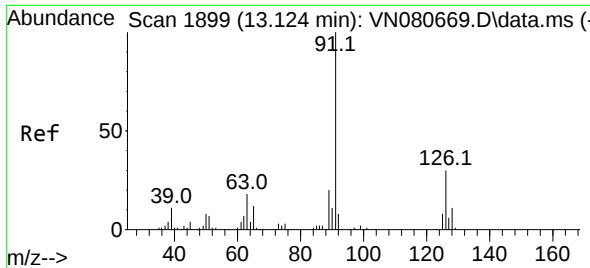
Delta R.T. 0.000 min

Lab File: VN080672.D

Acq: 11 Jan 2024 12:53

Tgt Ion:	91	Resp:	274993
Ion Ratio	Lower	Upper	
91	100		
120	21.3	0.0	43.8





#75
2-Chlorotoluene
Concen: 20.210 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.001 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124

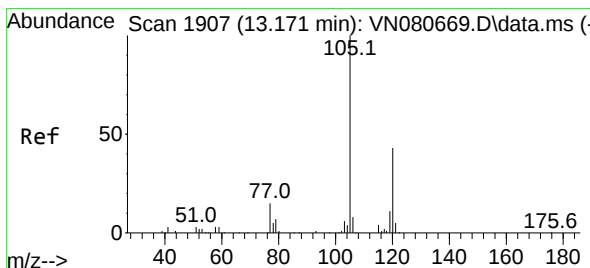
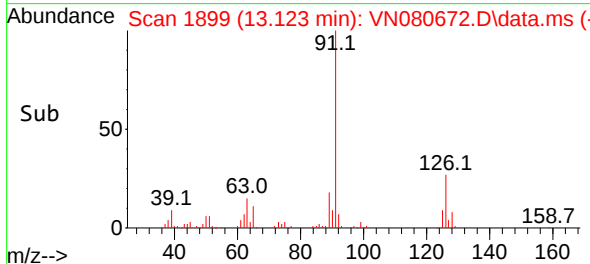
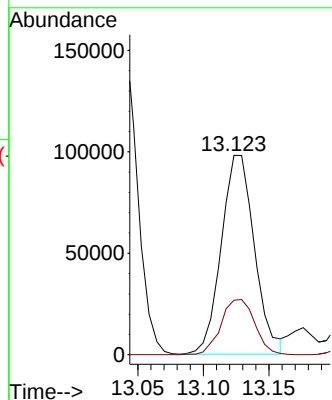
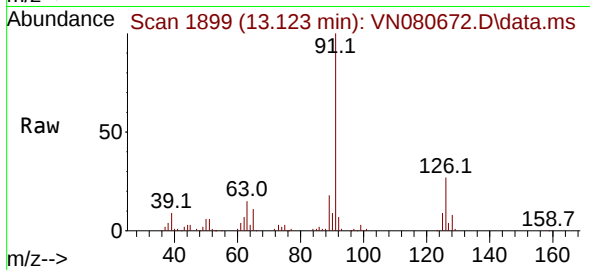
Tgt Ion: 91 Resp: 172934
Ion Ratio Lower Upper
91 100
126 28.1 0.0 61.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

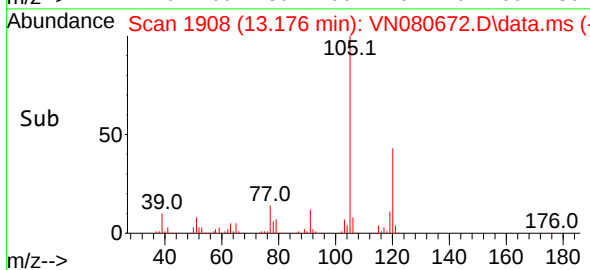
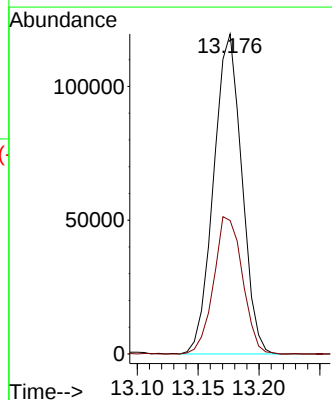
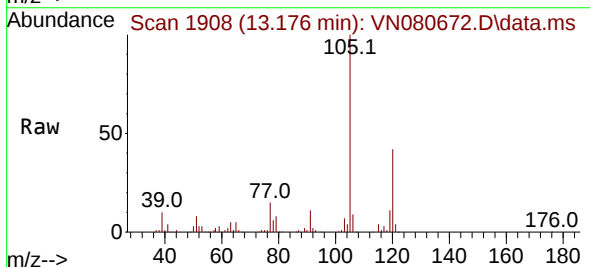
01/12/2024
Supervised By :Semsettin
Yesilyurt

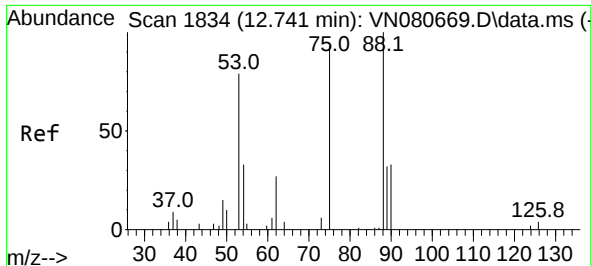
01/12/2024



#76
1,3,5-Trimethylbenzene
Concen: 20.500 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.005 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

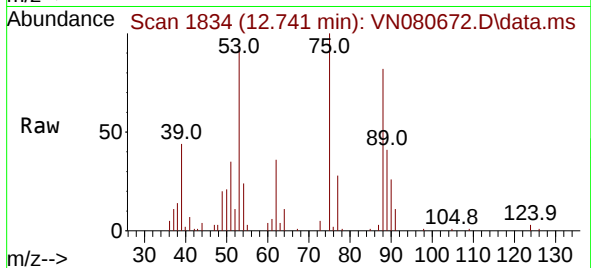
Tgt Ion:105 Resp: 192499
Ion Ratio Lower Upper
105 100
120 43.8 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 20.439 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument : MSVOA_N
ClientSampleId : ICVVN011124



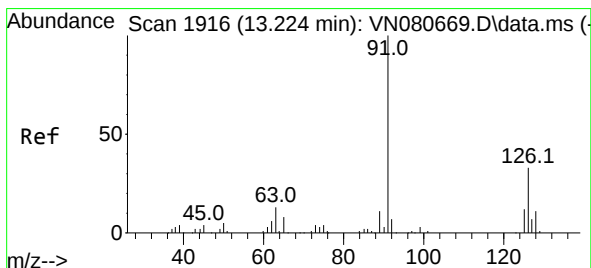
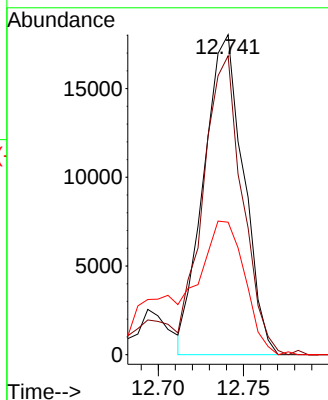
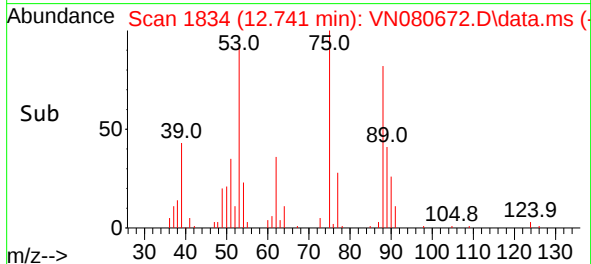
Tgt Ion: 75 Resp: 29245
Ion Ratio Lower Upper
75 100
53 92.1 45.9 137.7
89 41.4 25.9 77.7

Manual Integrations
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Reviewed By :John
Carlone

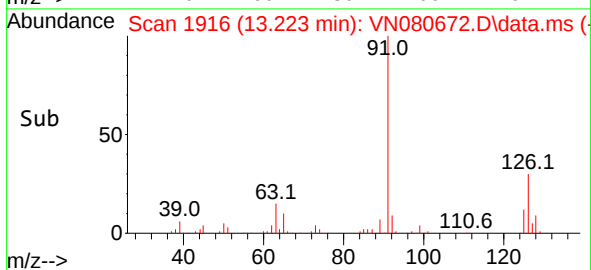
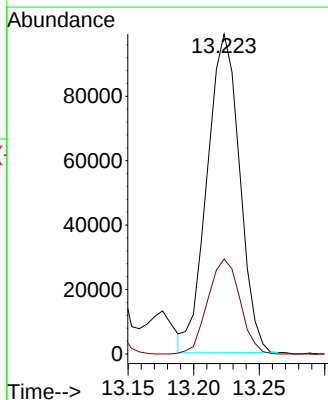
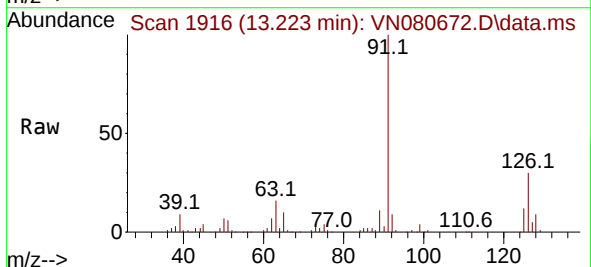
01/12/2024
Supervised By :Semsettin
Yesilyurt

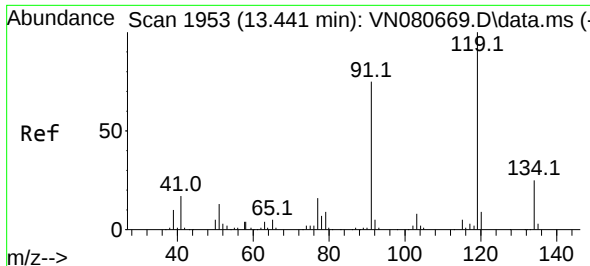
01/12/2024



#78
4-Chlorotoluene
Concen: 19.953 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.001 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Tgt Ion: 91 Resp: 170664
Ion Ratio Lower Upper
91 100
126 29.3 0.0 62.8





#79
tert-butylbenzene
Concen: 20.252 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011124

Tgt Ion:119 Resp: 148449
Ion Ratio Lower Upper
119 100
91 76.3 0.0 138.8
134 24.2 0.0 48.6

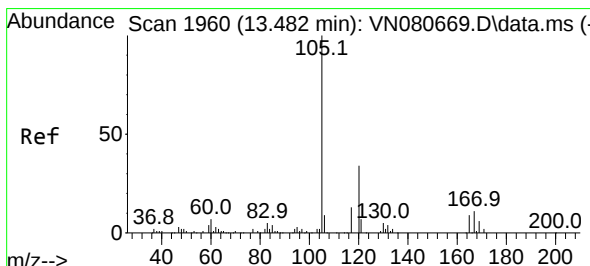
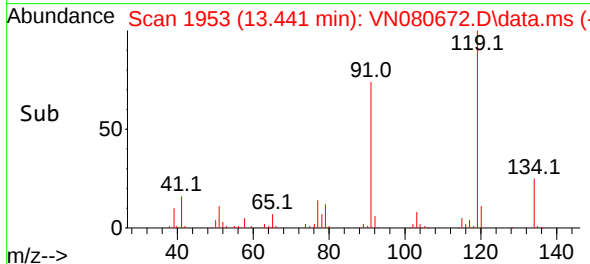
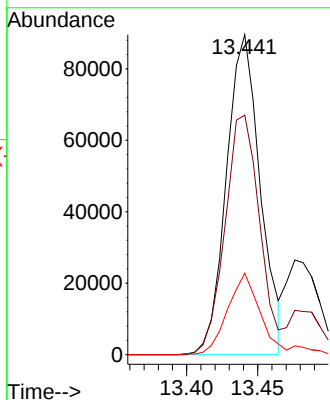
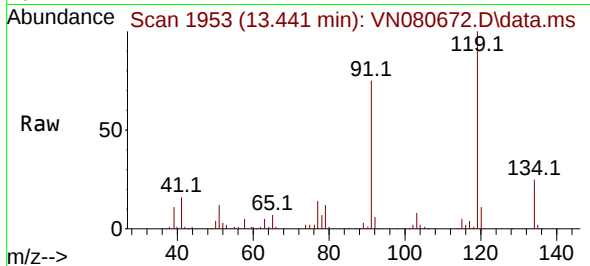
Manual Integrations
APPROVED

Reviewed By :John
Carlone

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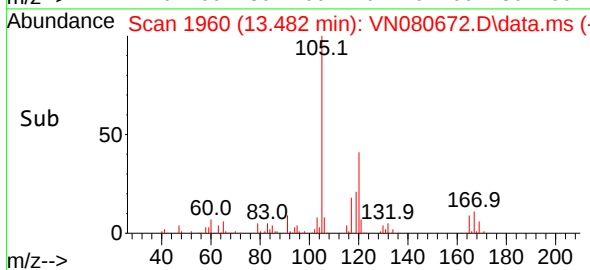
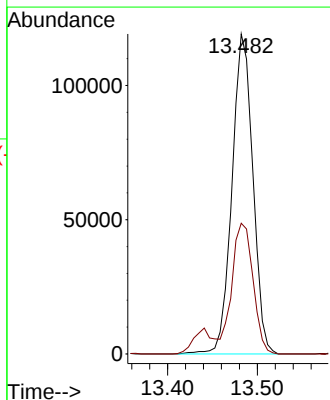
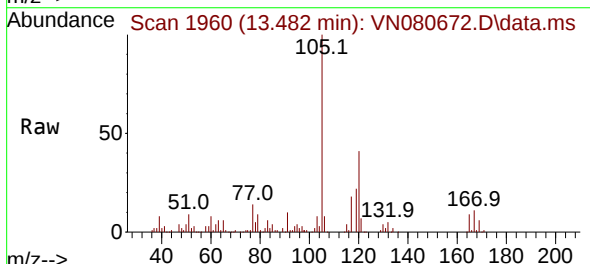
Supervised By :Semsettin
Yesilyurt

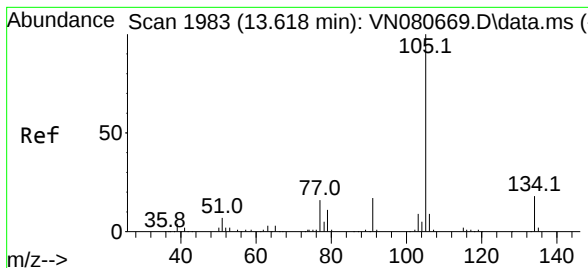
01/12/2024



#80
1,2,4-Trimethylbenzene
Concen: 20.946 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

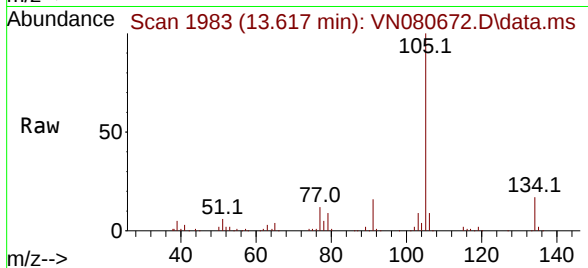
Tgt Ion:105 Resp: 192430
Ion Ratio Lower Upper
105 100
120 41.1 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 20.077 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.001 min
 Lab File: VN080672.D
 Acq: 11 Jan 2024 12:53

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011124



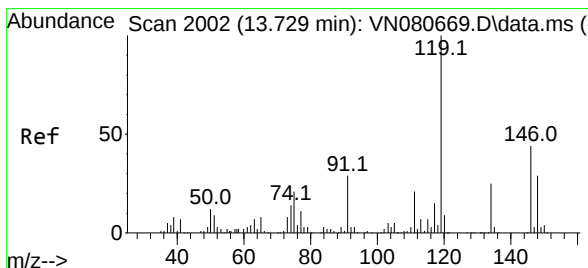
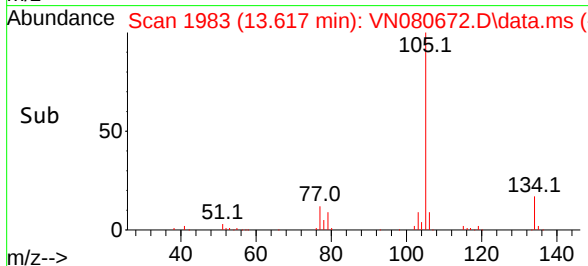
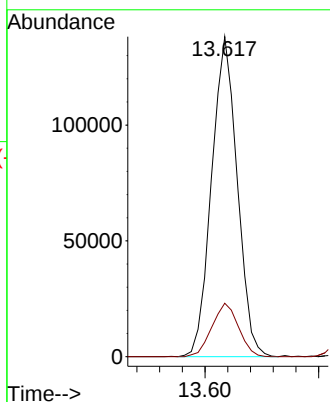
Tgt Ion:105 Resp: 21663
 Ion Ratio Lower Upper
 105 100
 134 17.3 0.0 39.0

Manual Integrations
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Reviewed By :John
 Carlone

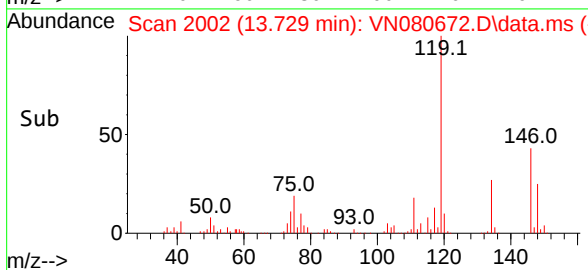
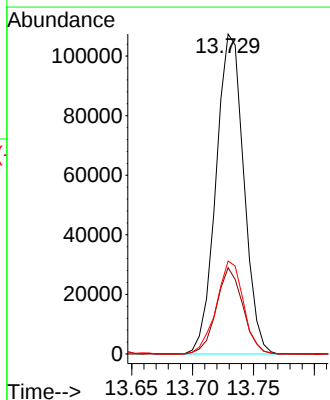
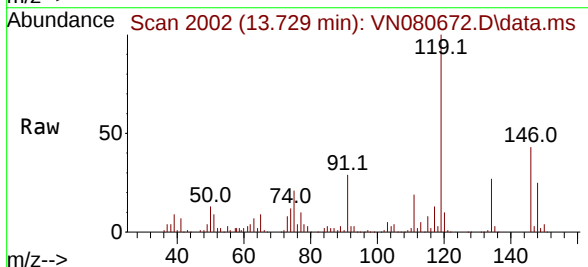
01/12/2024
 Supervised By :Semsettin
 Yesilyurt

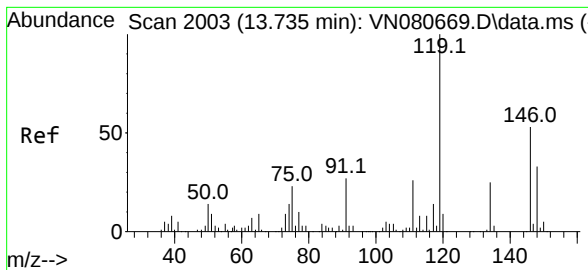
01/12/2024



#82
 p-Isopropyltoluene
 Concen: 20.721 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080672.D
 Acq: 11 Jan 2024 12:53

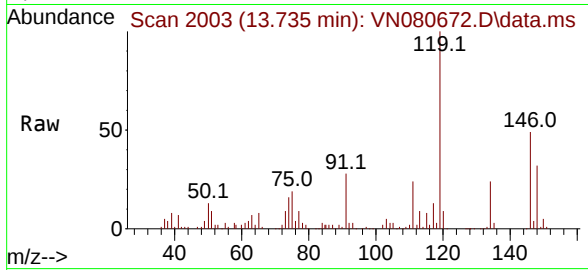
Tgt Ion:119 Resp: 170505
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 49.2
 91 28.4 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 20.058 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



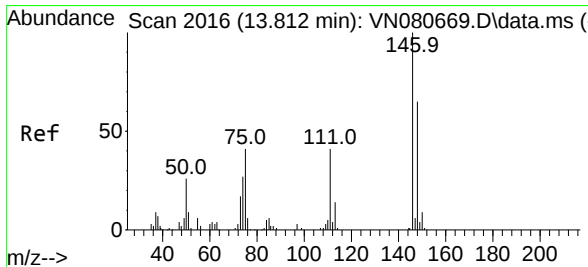
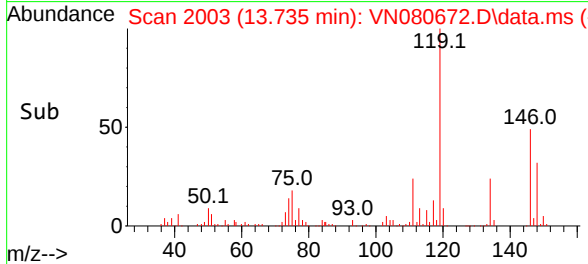
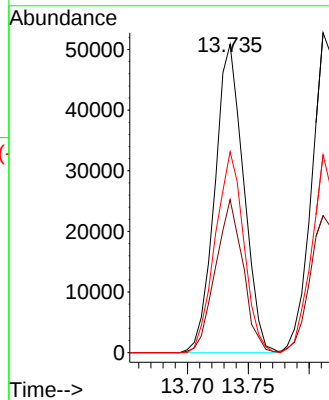
Tgt Ion:146 Resp: 8368
Ion Ratio Lower Upper
146 100
111 47.6 22.4 67.0
148 64.5 32.1 96.5

Manual Integrations
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Reviewed By :John
Carlone

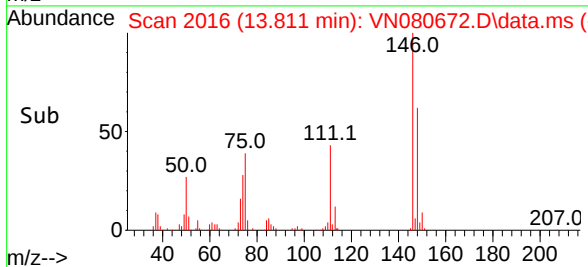
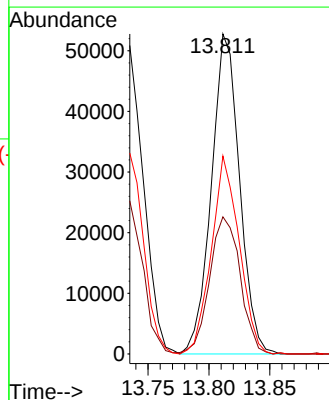
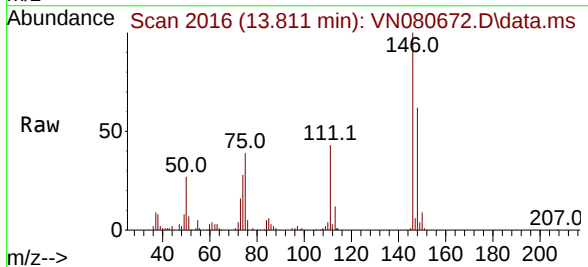
01/12/2024
Supervised By :Semsettin
Yesilyurt

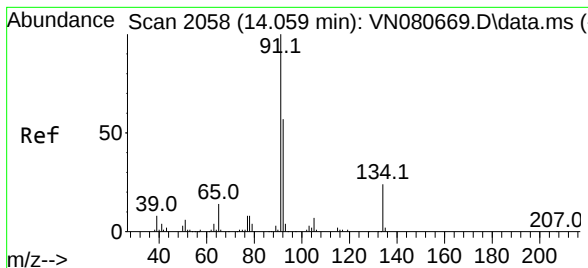
01/12/2024



#84
1,4-Dichlorobenzene
Concen: 20.229 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.001 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

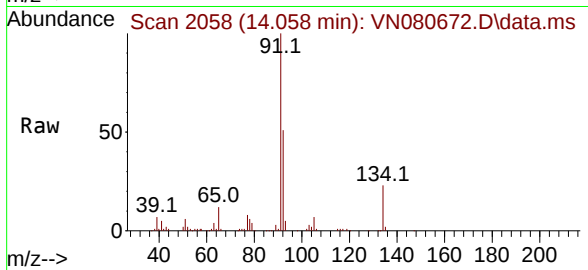
Tgt Ion:146 Resp: 84979
Ion Ratio Lower Upper
146 100
111 46.5 21.3 63.9
148 61.0 31.9 95.5





#85
n-Butylbenzene
Concen: 20.354 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.001 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



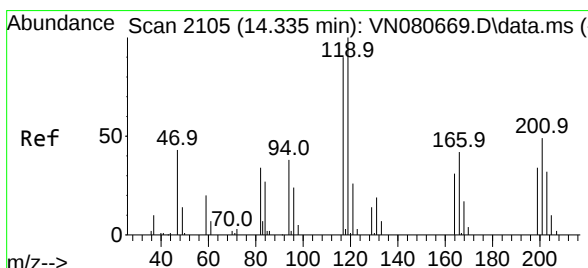
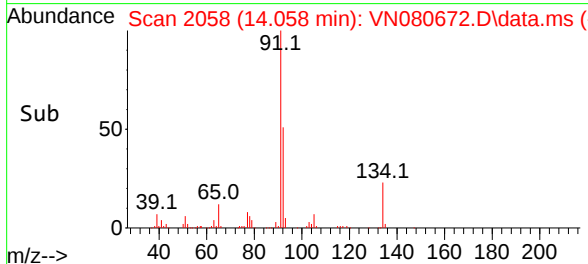
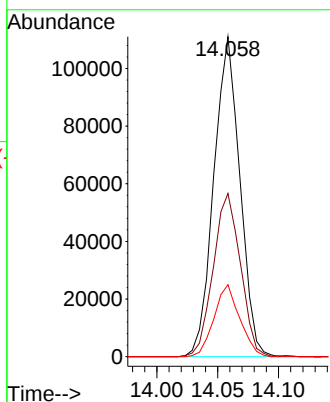
Tgt Ion: 91 Resp: 16548
Ion Ratio Lower Upper
91 100
92 53.2 0.0 105.0
134 22.2 0.0 51.8

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Reviewed By :John
Carlone

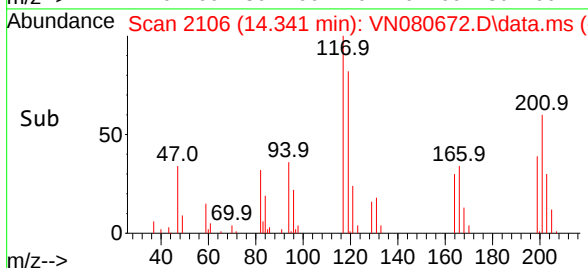
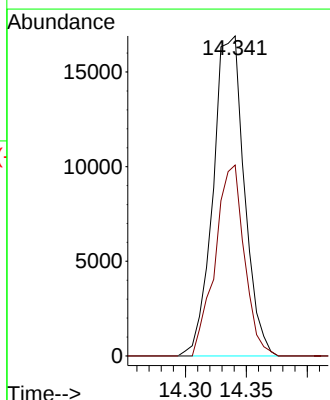
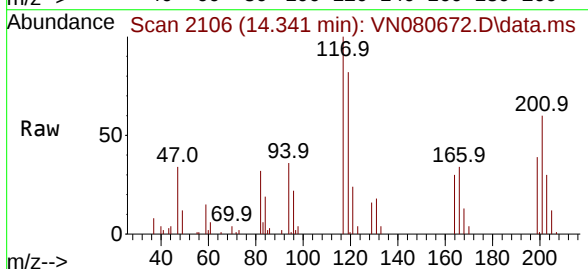
01/12/2024
Supervised By :Semsettin
Yesilyurt

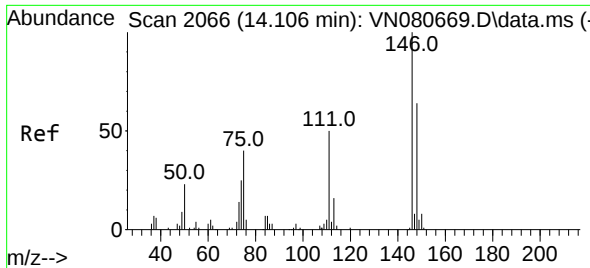
01/12/2024



#86
Hexachloroethane
Concen: 19.492 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

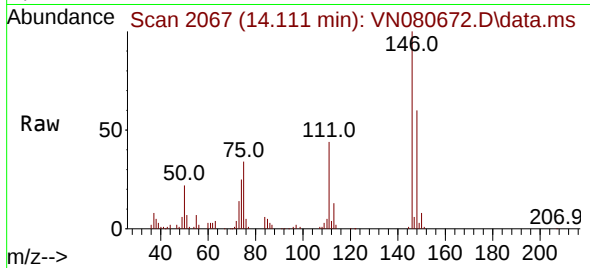
Tgt Ion:117 Resp: 30161
Ion Ratio Lower Upper
117 100
201 55.9 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 20.391 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.005 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



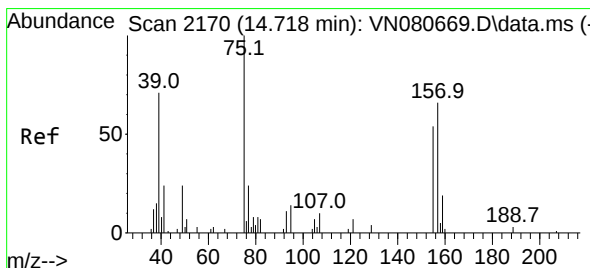
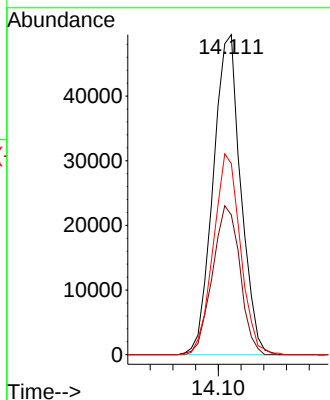
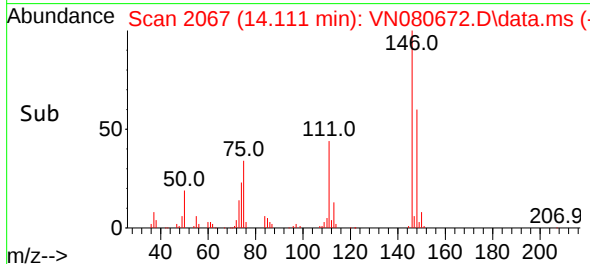
Tgt Ion:146 Resp: 83454
Ion Ratio Lower Upper
146 100
111 46.5 22.6 67.8
148 61.7 31.3 93.8

Manual Integrations
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Reviewed By :John
Carlone

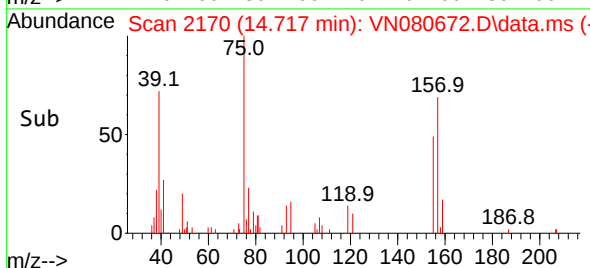
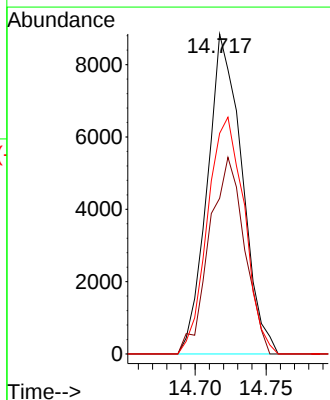
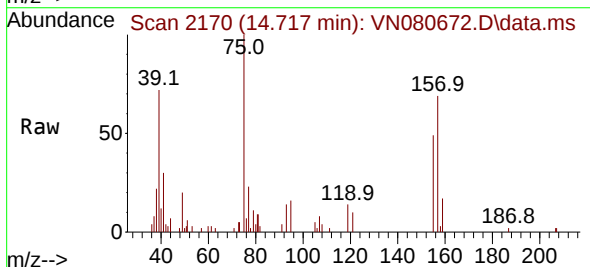
01/12/2024
Supervised By :Semsettin
Yesilyurt

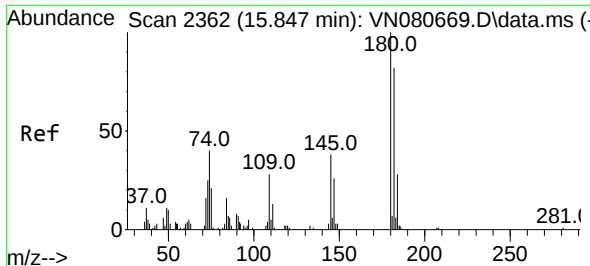
01/12/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.543 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.001 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

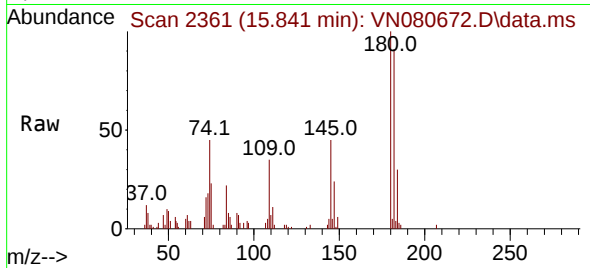
Tgt Ion: 75 Resp: 14984
Ion Ratio Lower Upper
75 100
155 62.7 61.7 92.5
157 78.6 83.6 125.4#





#89
1,2,4-Trichlorobenzene
Concen: 18.374 ug/l
RT: 15.841 min Scan# 2362
Delta R.T. -0.006 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



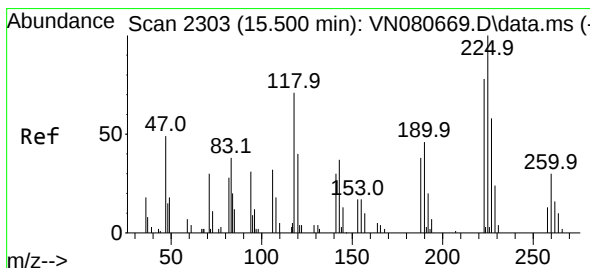
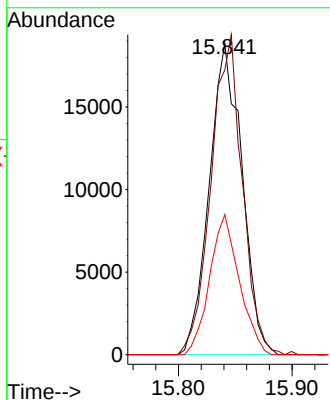
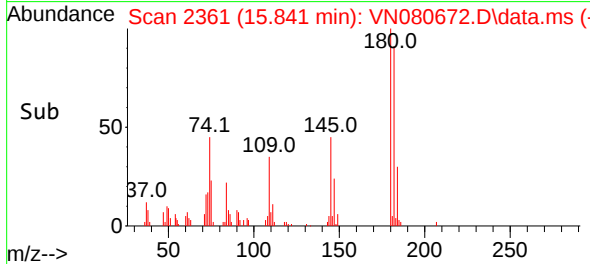
Tgt Ion:180 Resp: 3771
Ion Ratio Lower Upper
180 100
182 97.8 76.4 114.6
145 40.9 28.4 42.6

Manual Integrations
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Reviewed By :John
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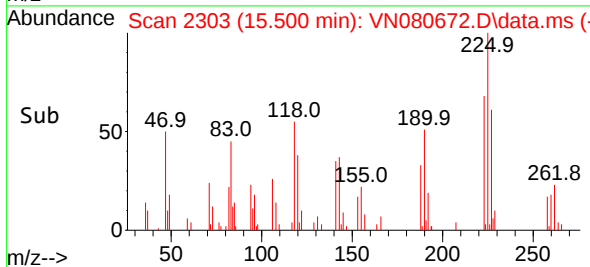
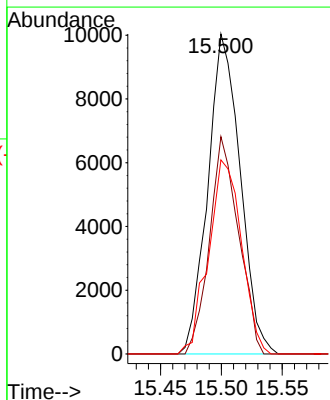
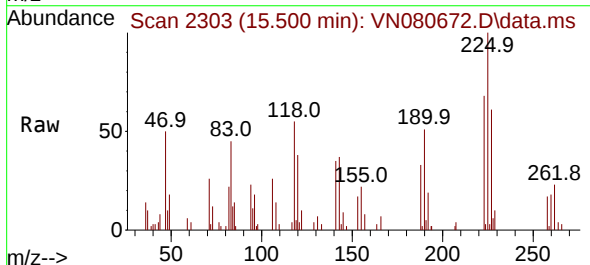
01/12/2024
Supervised By :Semsettin
Yesilyurt

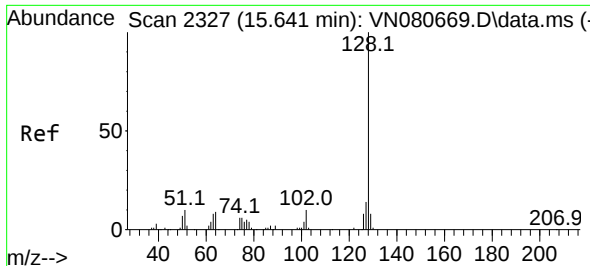
01/12/2024



#90
Hexachlorobutadiene
Concen: 19.738 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

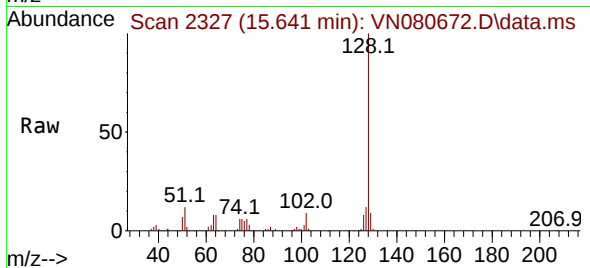
Tgt Ion:225 Resp: 18564
Ion Ratio Lower Upper
225 100
223 61.0 0.0 126.6
227 61.9 0.0 126.6





#91
Naphthalene
Concen: 18.632 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011124



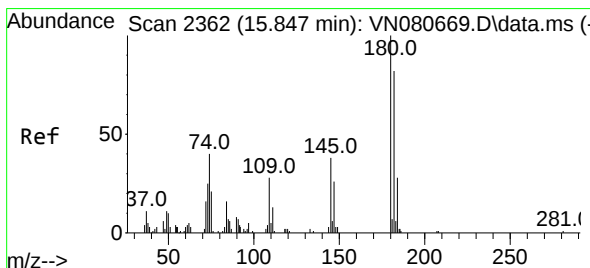
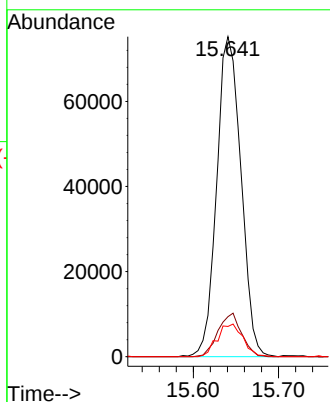
Tgt Ion:128 Resp: 149104
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
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Reviewed By :John
Carlone

01/12/2024
Supervised By :Semsettin
Yesilyurt

01/12/2024



#92
1,2,3-Trichlorobenzene
Concen: 18.374 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN080672.D
Acq: 11 Jan 2024 12:53

Tgt Ion:180 Resp: 37717
Ion Ratio Lower Upper
180 100
182 97.8 0.0 191.0
145 40.9 0.0 71.0

