

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102023\
 Data File : VN079620.D
 Acq On : 20 Oct 2023 11:31
 Operator : JC\MD
 Sample : VN1020WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 10/23/2023

Supervised By :Semsetun
 Yesilyurt
 10/24/2023

Quant Time: Oct 20 23:46:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	21477	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	152106	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	189213	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	87552	28.672	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.567%		
60) 4-Bromofluorobenzene	12.853	95	102855	29.725	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.100%		
63) Toluene-d8	10.571	98	243783	30.067	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.233%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	55870	17.938	ug/l	98
3) Chloromethane	2.365	50	70080	17.360	ug/l	97
4) Vinyl Chloride	2.518	62	77788	17.855	ug/l	99
5) Bromomethane	2.959	94	45757	16.939	ug/l	91
6) Chloroethane	3.130	64	54330	17.718	ug/l	99
7) Trichlorofluoromethane	3.500	101	98789	18.583	ug/l	98
8) Diethyl Ether	3.965	74	32606	16.923	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	56886	18.703	ug/l	77
10) 1,1-Dichloroethene	4.347	96	50685	17.515	ug/l	93
11) Methyl Iodide	4.595	142	58786	18.348	ug/l	97
12) Methyl Acetate	5.030	43	123536	17.708	ug/l	95
13) Acrolein	4.183	56	54009	93.655	ug/l	100
14) Acrylonitrile	5.724	53	147517	88.300	ug/l #	81
15) Acetone	4.430	58	45711	86.373	ug/l	79
16) Carbon Disulfide	4.718	76	150426	17.047	ug/l	98
17) Allyl chloride	5.030	41	88146	19.756	ug/l	98
18) Methylene Chloride	5.277	84	65737	18.456	ug/l	96
19) trans-1,2-Dichloroethene	5.789	96	60360	18.644	ug/l	96
20) Diisopropyl ether	6.677	45	196423	18.567	ug/l	99
21) 1,1-Dichloroethane	6.577	63	119032	18.516	ug/l	98
22) cis-1,2-Dichloroethene	7.488	96	67978	18.230	ug/l	97
23) tert-Butyl Alcohol	5.518	59	41815	74.850	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	170786	17.589	ug/l	99
25) Chloroform	7.965	83	120458	18.544	ug/l	99
26) Cyclohexane	8.259	56	83757	17.235	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	86643	19.492	ug/l	99
30) 2-Butanone	7.488	43	203161	91.180	ug/l	99
31) 2,2-Dichloropropane	7.494	77	93558	18.667	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	101382	19.189	ug/l	99
33) Carbon Tetrachloride	8.365	117	89325	19.879	ug/l	96
34) Benzene	8.612	78	263030	19.476	ug/l	99
35) Methacrylonitrile	7.783	41	40008	17.069	ug/l	91
36) 1,2-Dichloroethane	8.677	62	94615	19.621	ug/l	100
37) Trichloroethene	9.359	130	60038	19.018	ug/l	98
38) Methylcyclohexane	9.606	83	76460	17.866	ug/l	99
39) 1,2-Dichloropropane	9.624	63	70235	19.707	ug/l	99
40) Dibromomethane	9.712	93	46212	19.758	ug/l	98
41) Bromodichloromethane	9.894	83	94761	19.550	ug/l	99
42) Vinyl Acetate	6.612	43	516000	91.293	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	80883	19.305	ug/l	93
44) Isopropyl Acetate	8.688	43	129194	17.346	ug/l	96
45) 1,4-Dioxane	9.694	88	19350	331.901	ug/l #	90
46) Methyl methacrylate	9.682	41	55832	16.897	ug/l	98
47) n-amyl Acetate	12.500	43	93195	17.338	ug/l	96
48) t-1,3-Dichloropropene	10.841	75	89871	18.341	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	99891	18.642	ug/l	97
50) 1,1,2-Trichloroethane	11.018	97	64664	19.929	ug/l	96
51) Ethyl methacrylate	10.876	69	81203	18.139	ug/l	97
52) 1,3-Dichloropropane	11.171	76	110827	19.280	ug/l	99
53) Dibromochloromethane	11.365	129	65406	19.723	ug/l	100
54) 1,2-Dibromoethane	11.471	107	61589	19.240	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	174903	102.401	ug/l	100
56) Bromoform	12.582	173	43486	19.822	ug/l	100
58) 4-Methyl-2-Pentanone	10.447	43	404719	91.704	ug/l	99
59) 2-Hexanone	11.200	43	287461	88.784	ug/l	100
61) Tetrachloroethene	11.106	164	51499	19.823	ug/l	95
62) Toluene	10.635	91	278181	19.237	ug/l	99
64) Chlorobenzene	11.894	112	156982	18.717	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	62156	19.455	ug/l	96
66) Ethyl Benzene	11.965	91	278165	18.669	ug/l	97
67) m/p-Xylenes	12.076	106	213180	38.684	ug/l	97
68) o-Xylene	12.406	106	99723	18.929	ug/l	99
69) Styrene	12.418	104	163289	19.524	ug/l	98
70) Isopropylbenzene	12.700	105	260323	19.255	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	90823	18.893	ug/l	100
72) 1,2,3-Trichloropropane	13.000	75	80243m	18.381	ug/l	
73) Bromobenzene	12.982	156	60373	19.009	ug/l	97
74) n-propylbenzene	13.041	91	303064	19.254	ug/l	98
75) 2-Chlorotoluene	13.129	91	188342	19.247	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	214778	19.433	ug/l	97
77) t-1,4-Dichloro-2-butene	12.741	75	24975	18.744	ug/l	88
78) 4-Chlorotoluene	13.223	91	179685	19.435	ug/l	99
79) tert-butylbenzene	13.441	119	171379	19.286	ug/l	96
80) 1,2,4-Trimethylbenzene	13.488	105	209525	19.565	ug/l	100
81) sec-Butylbenzene	13.623	105	240565	19.284	ug/l	99
82) p-Isopropyltoluene	13.735	119	190749	19.276	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	103616	19.840	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	96012	19.177	ug/l	98
85) n-Butylbenzene	14.059	91	142280	18.402	ug/l	100
86) Hexachloroethane	14.341	117	40401	18.885	ug/l	97
87) 1,2-Dichlorobenzene	14.112	146	98707	19.015	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.723	75	12788	17.458	ug/l	99
89) 1,2,4-Trichlorobenzene	15.847	180	27912	15.255	ug/l	94
90) Hexachlorobutadiene	15.506	225	24807	19.141	ug/l	98
91) Naphthalene	15.647	128	57852	12.258	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	27912	15.255	ug/l	94

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

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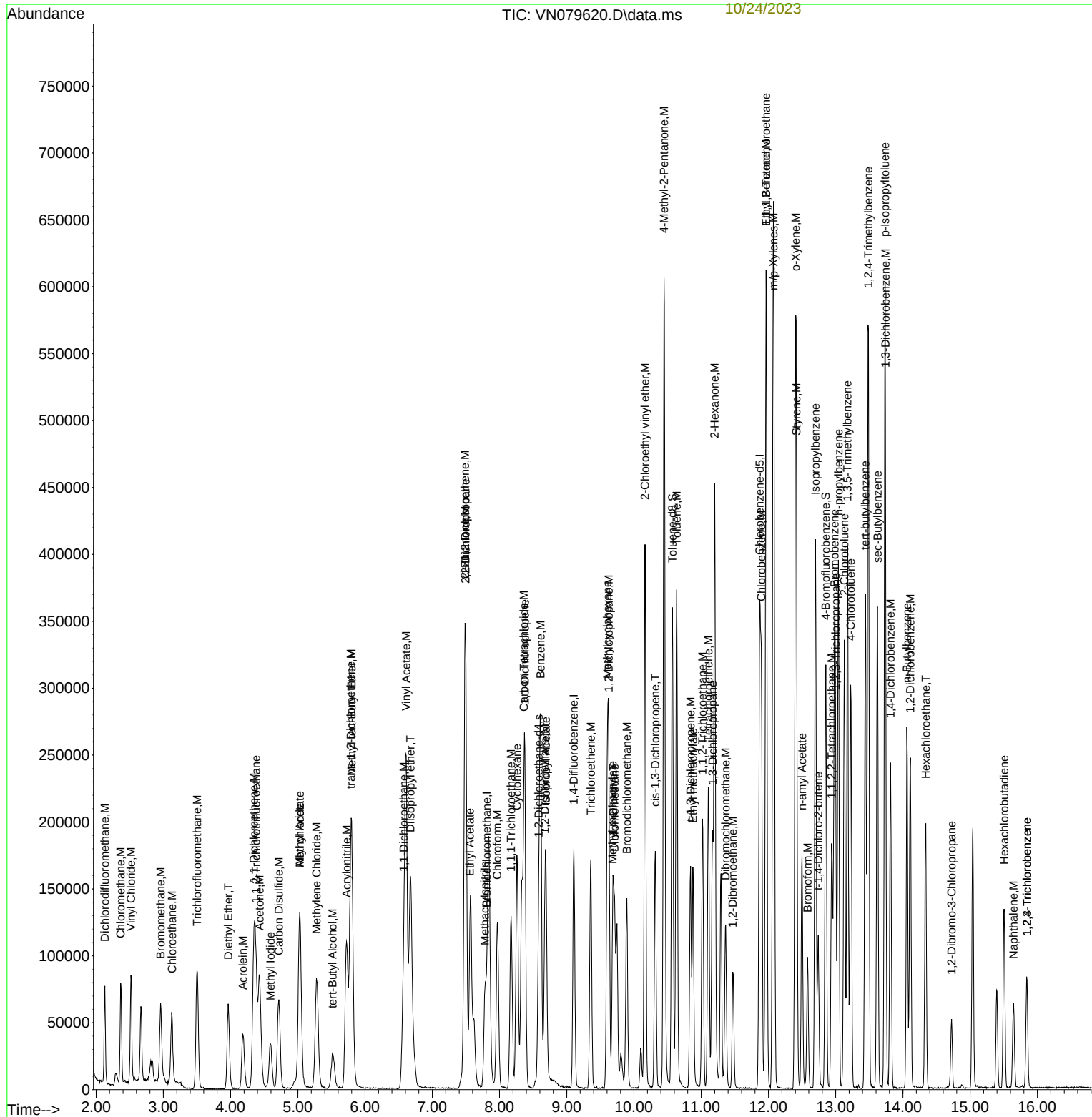
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ClientSampleId :
VN1020WBS01

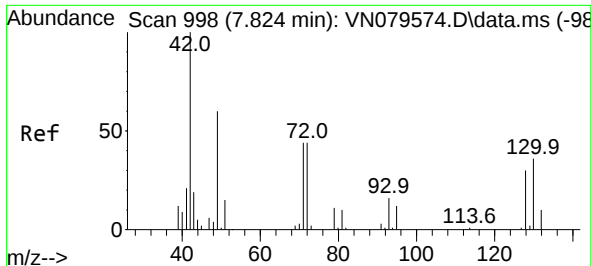
Manual Integrations
APPROVED

Reviewed By :John
Carlone
10/23/2023

Supervised By :Semsetin
Yesilyurt
10/24/2023

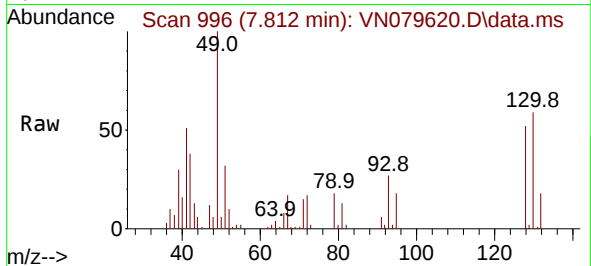
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QLast Update : Wed Oct 18 02:19:15 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 998
Delta R.T. -0.012 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
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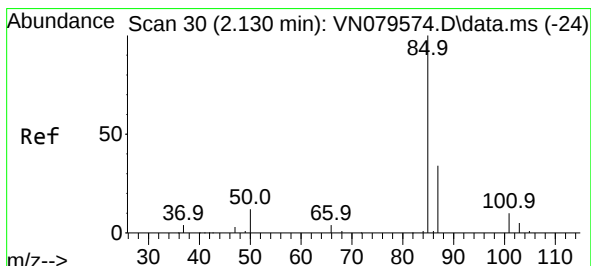
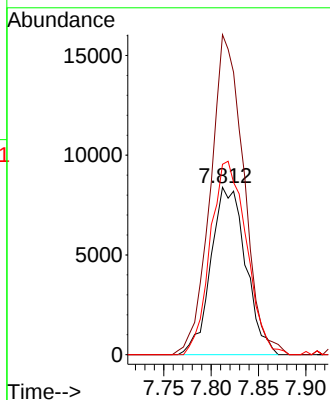
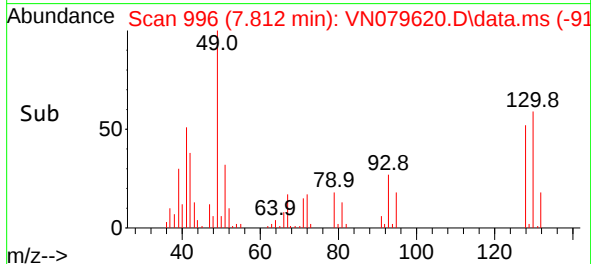


Tgt Ion:128 Resp: 2147
Ion Ratio Lower Upper
128 100
49 182.7 0.0 468.5
130 119.6 0.0 320.7

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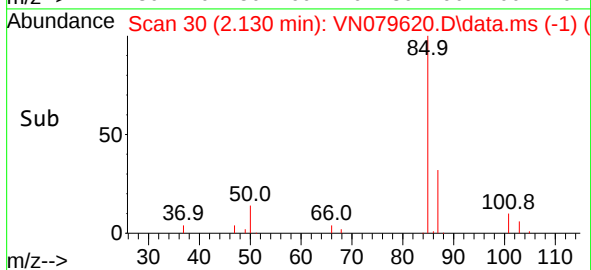
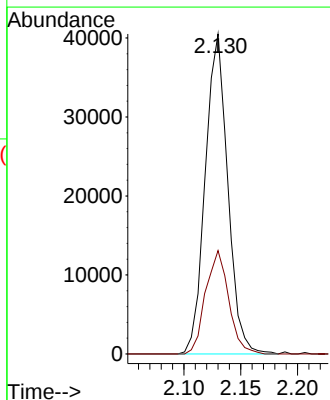
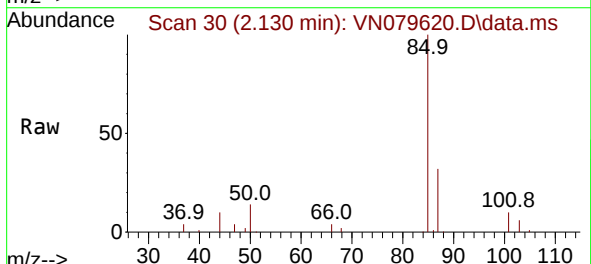
Reviewed By :John
Carlone
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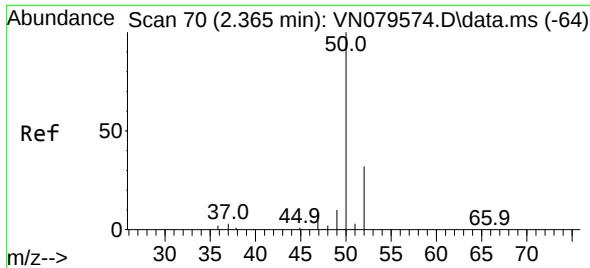
Supervised By :Semsetin
Yesilyurt
10/24/2023



#2
Dichlorodifluoromethane
Concen: 17.938 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Tgt Ion: 85 Resp: 55870
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.7





#3
Chloromethane
Concen: 17.360 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

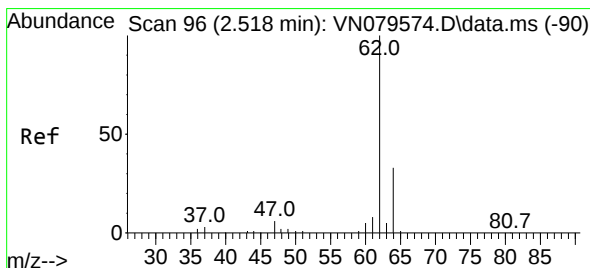
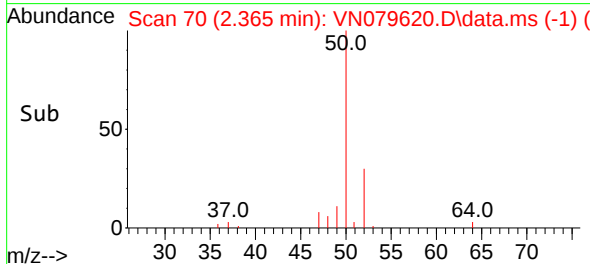
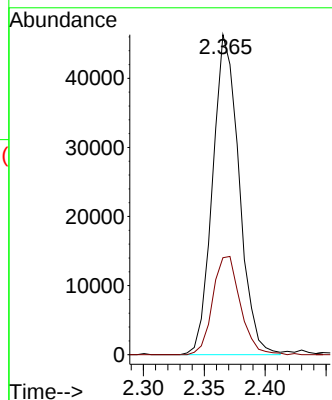
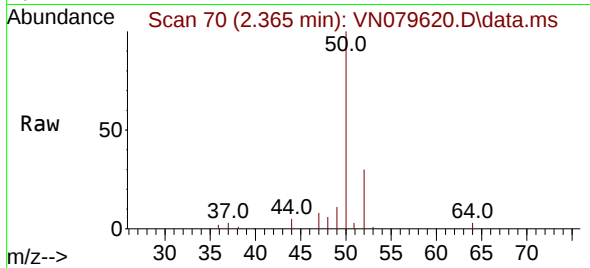
Instrument :
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Client Sample Id :
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Tgt Ion: 50 Resp: 70080
Ion Ratio Lower Upper
50 100
52 30.3 25.6 38.4

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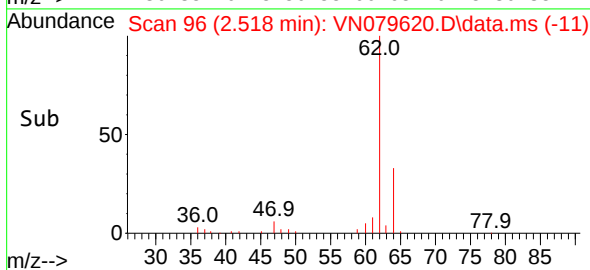
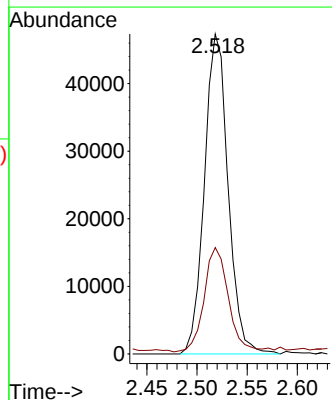
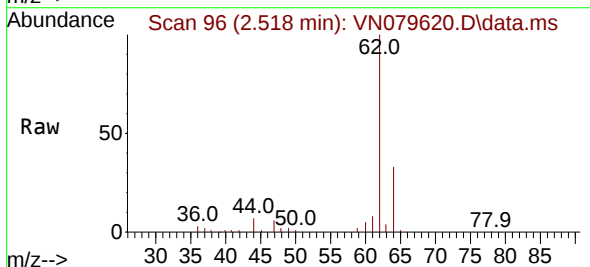
Reviewed By :John
Carlone
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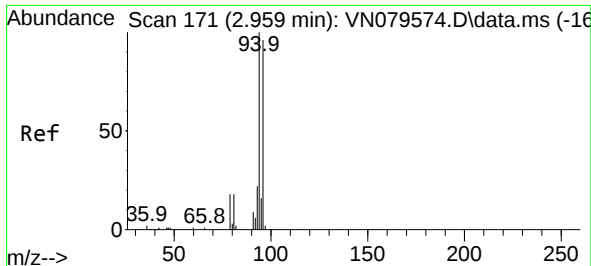
Supervised By :Semsettin
Yesilyurt
10/24/2023



#4
Vinyl Chloride
Concen: 17.855 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079620.D
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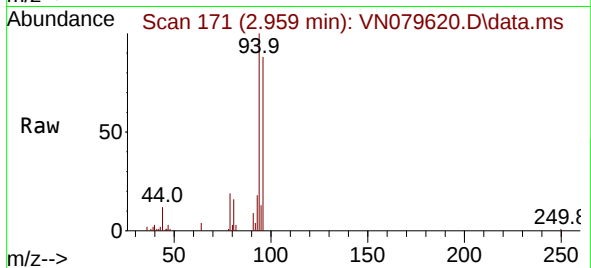
Tgt Ion: 62 Resp: 77788
Ion Ratio Lower Upper
62 100
64 32.2 26.4 39.6





#5
Bromomethane
Concen: 16.939 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079620.D
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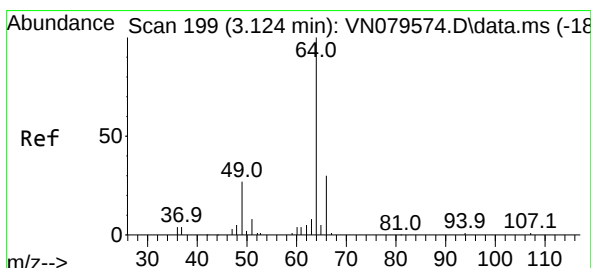
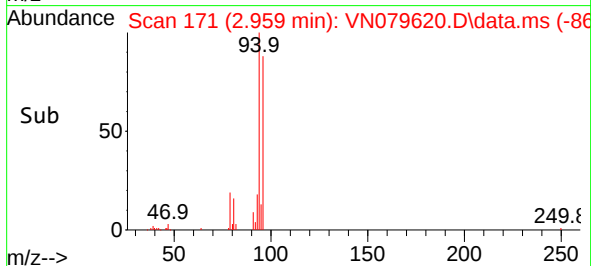
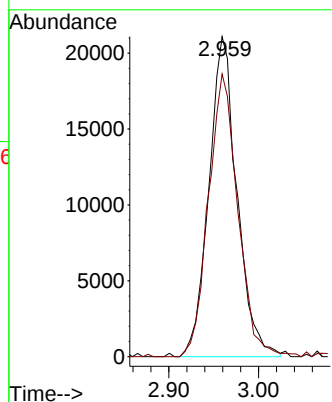


Tgt Ion: 94 Resp: 4575
Ion Ratio Lower Upper
94 100
96 88.4 77.8 116.6

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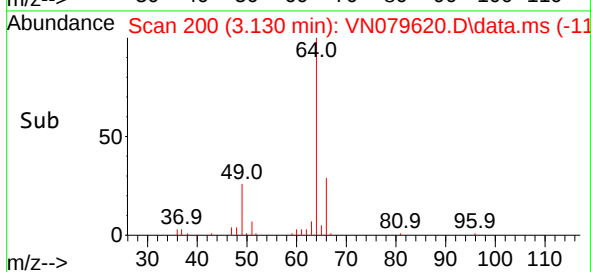
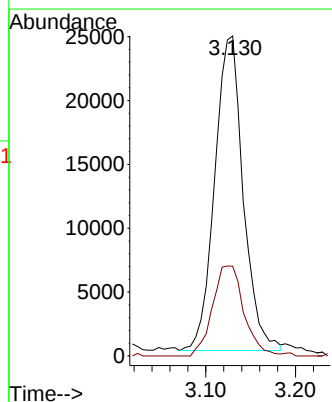
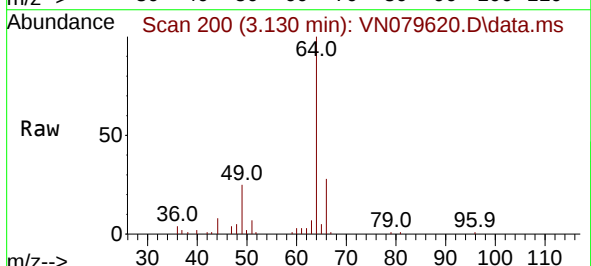
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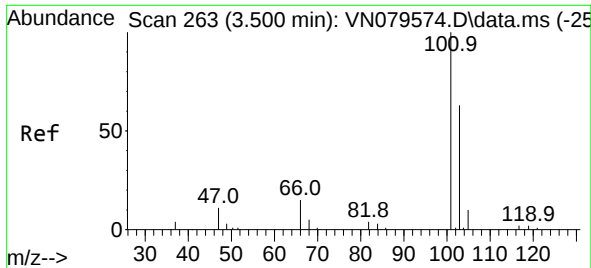
Supervised By :Semsetin
Yesilyurt
10/24/2023



#6
Chloroethane
Concen: 17.718 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN079620.D
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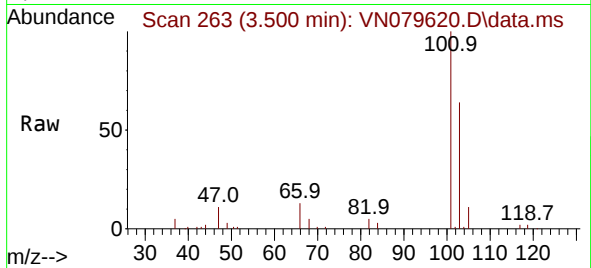
Tgt Ion: 64 Resp: 54330
Ion Ratio Lower Upper
64 100
66 28.5 23.3 34.9





#7
 Trichlorofluoromethane
 Concen: 18.583 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.000 min
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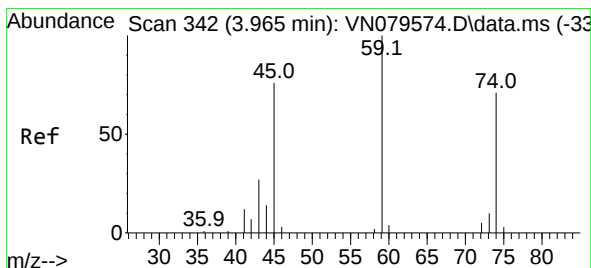
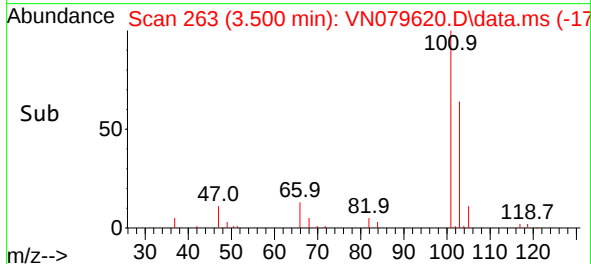
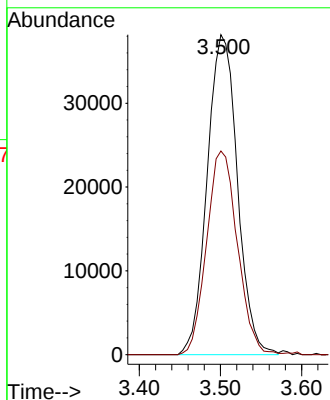


Tgt Ion:101 Resp: 98789
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.9 74.9

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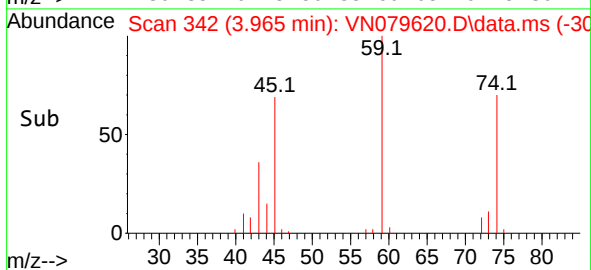
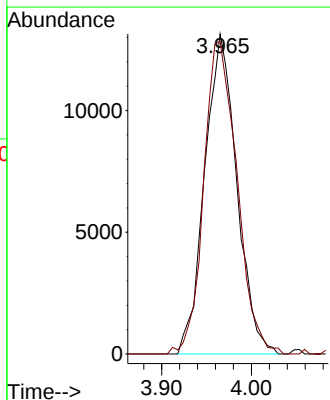
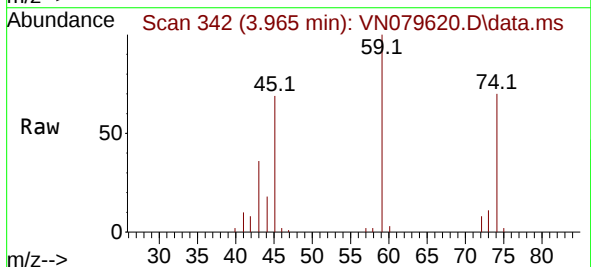
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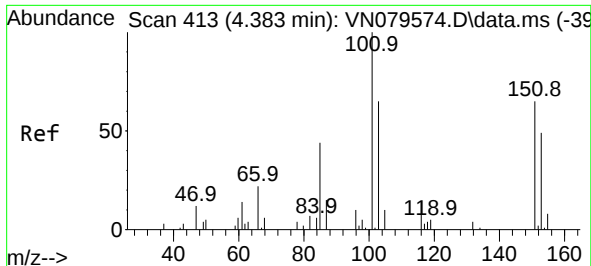
Supervised By :Semsetin
 Yesilyurt
 10/24/2023



#8
 Diethyl Ether
 Concen: 16.923 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN079620.D
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Tgt Ion: 74 Resp: 32606
 Ion Ratio Lower Upper
 74 100
 45 101.0 19.0 171.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.703 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN079620.D
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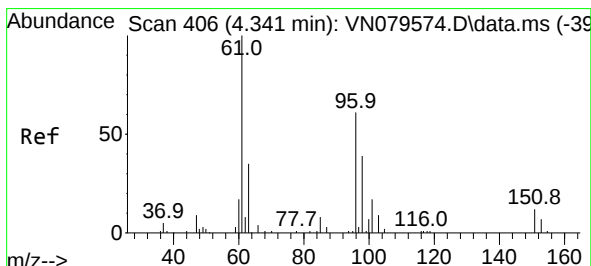
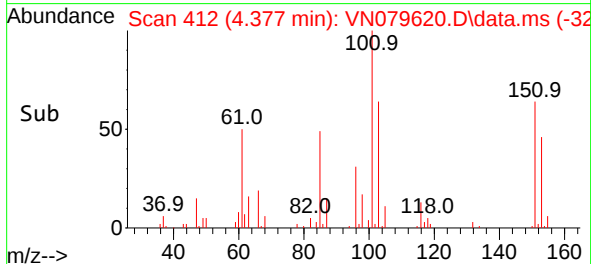
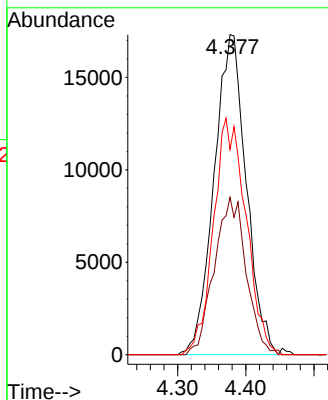
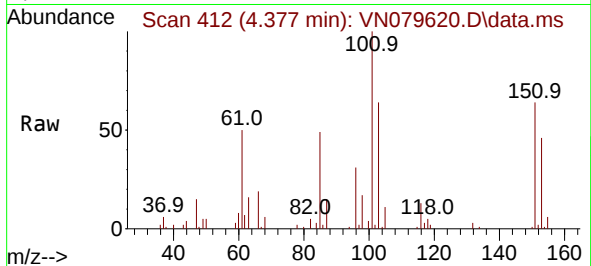
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

Tgt Ion:101 Resp: 5688
Ion Ratio Lower Upper
101 100
85 48.5 0.0 92.0
151 40.6 0.0 138.4

Manual Integrations
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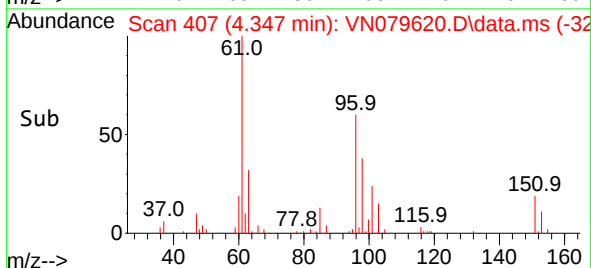
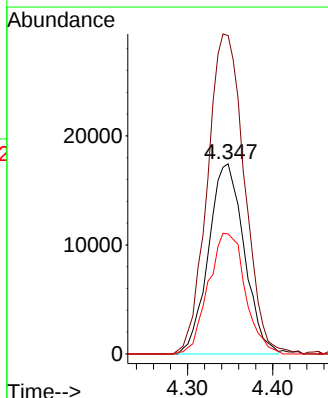
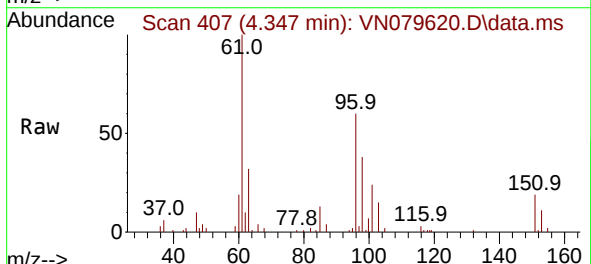
Reviewed By :John
Carlone
10/23/2023

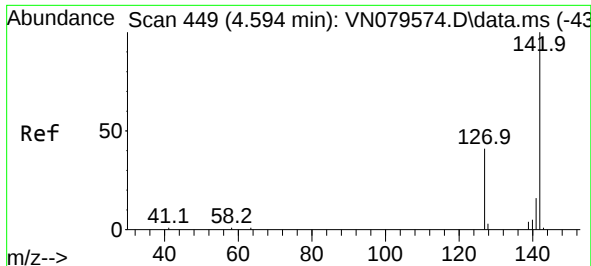
Supervised By :Semsettin
Yesilyurt
10/24/2023



#10
1,1-Dichloroethene
Concen: 17.515 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

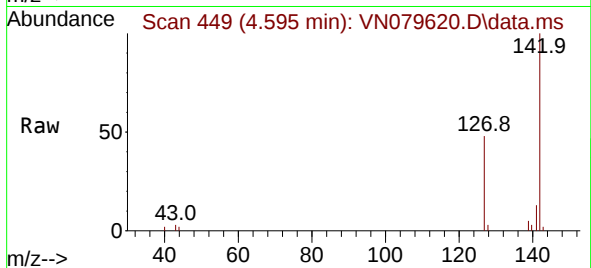
Tgt Ion: 96 Resp: 50685
Ion Ratio Lower Upper
96 100
61 165.5 141.3 211.9
98 62.1 53.2 79.8





#11
Methyl Iodide
Concen: 18.348 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

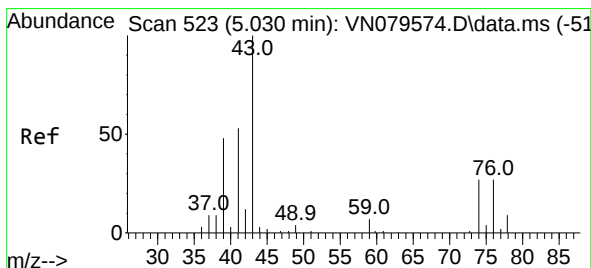
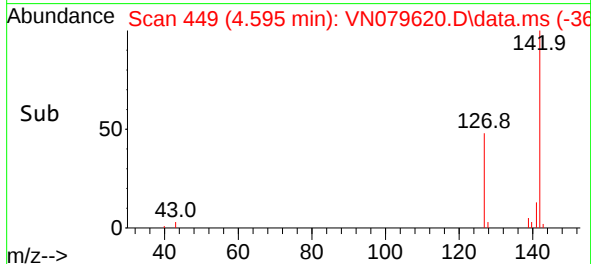
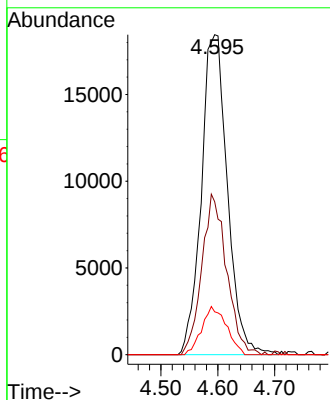


Tgt Ion:142 Resp: 58780
Ion Ratio Lower Upper
142 100
127 47.3 24.6 73.8
141 13.4 7.7 23.1

Manual Integrations
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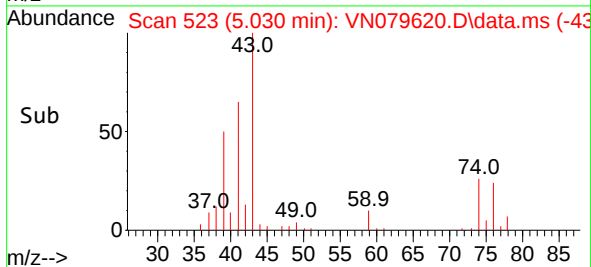
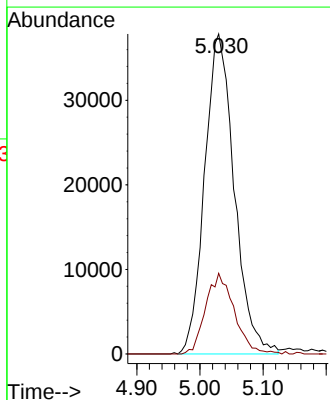
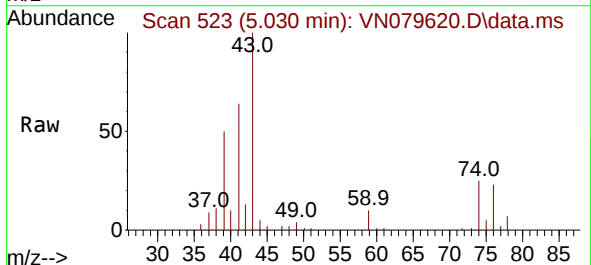
Reviewed By :John
Carlone
10/23/2023

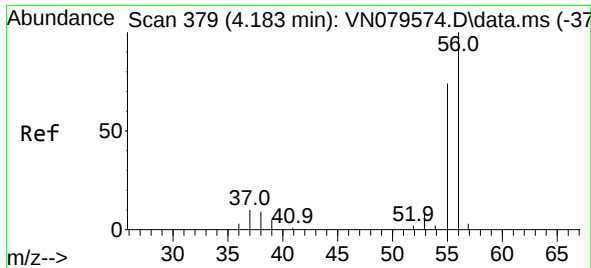
Supervised By :Semsettin
Yesilyurt
10/24/2023



#12
Methyl Acetate
Concen: 17.708 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

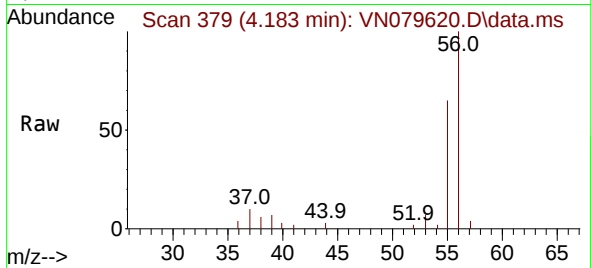
Tgt Ion: 43 Resp: 123536
Ion Ratio Lower Upper
43 100
74 25.1 18.1 27.1





#13
Acrolein
Concen: 93.655 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

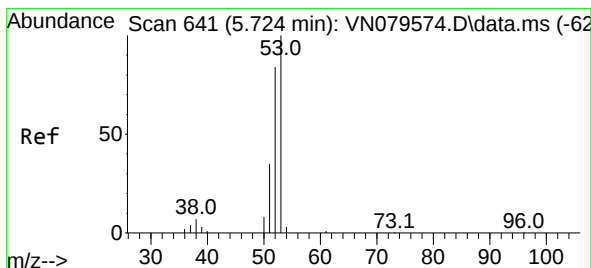
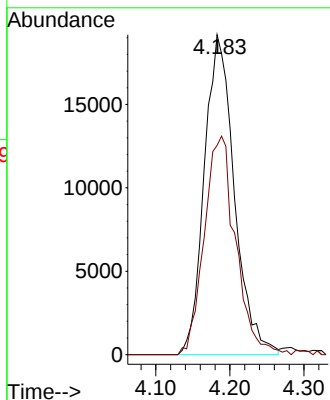


Tgt Ion: 56 Resp: 54009
Ion Ratio Lower Upper
56 100
55 71.1 57.1 85.7

Manual Integrations
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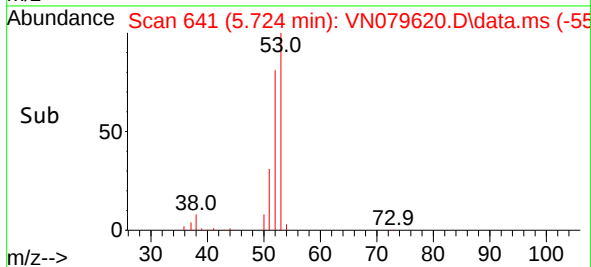
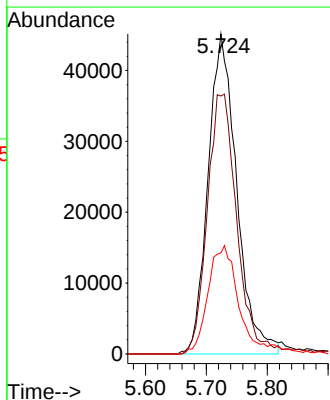
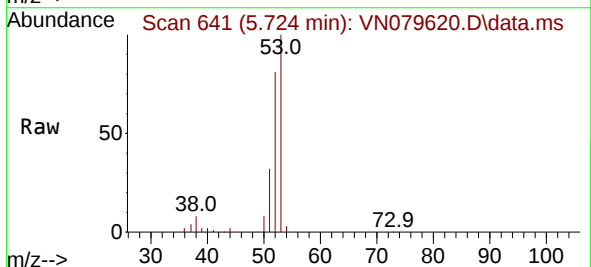
Reviewed By :John
Carlone
10/23/2023

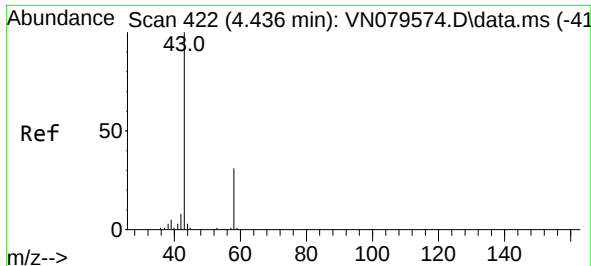
Supervised By :Semsettin
Yesilyurt
10/24/2023



#14
Acrylonitrile
Concen: 88.300 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Tgt Ion: 53 Resp: 147517
Ion Ratio Lower Upper
53 100
52 82.0 41.6 124.9
51 0.0 17.8 53.3#





#15

Acetone

Concen: 86.373 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN079620.D

Acq: 20 Oct 2023 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBS01

Tgt Ion: 58 Resp: 4571

Ion Ratio Lower Upper

58 100

43 321.9 225.2 337.8

Manual Integrations

APPROVED

Reviewed By :John

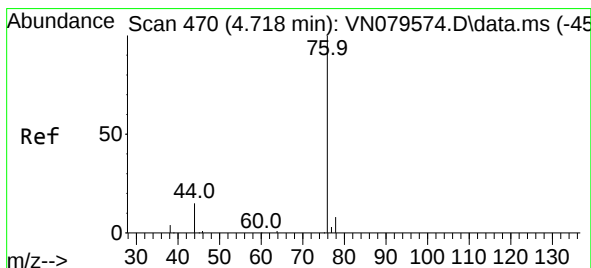
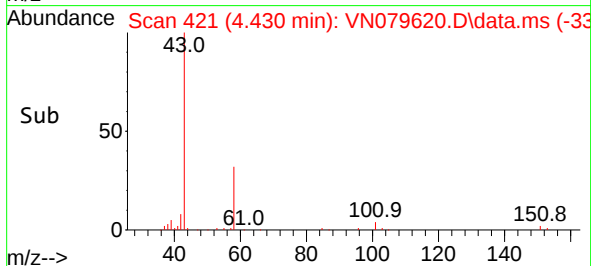
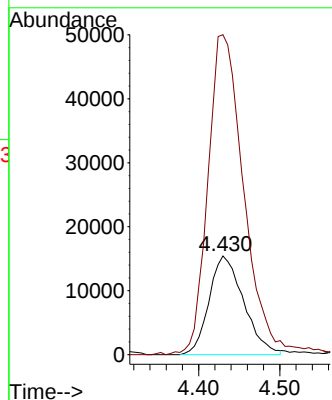
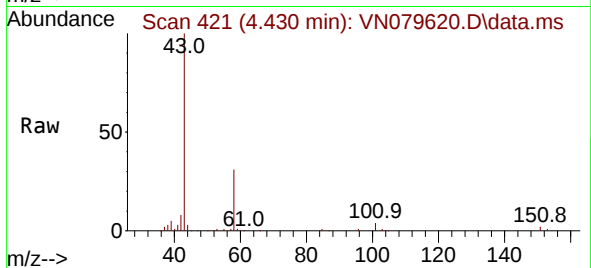
Carlone

10/23/2023

Supervised By :Semsetin

Yesilyurt

10/24/2023



#16

Carbon Disulfide

Concen: 17.047 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.000 min

Lab File: VN079620.D

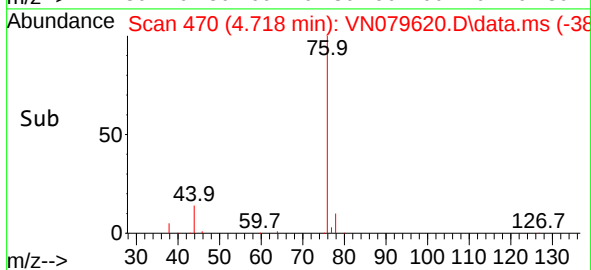
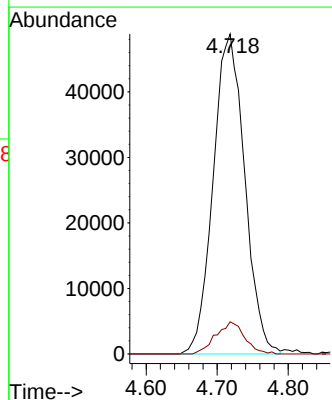
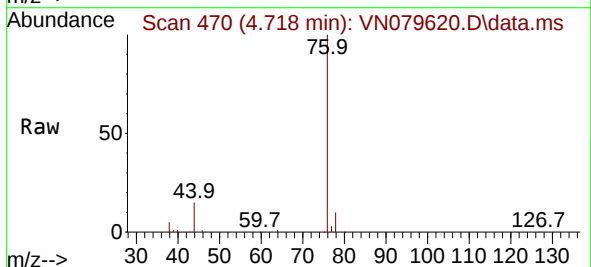
Acq: 20 Oct 2023 11:31

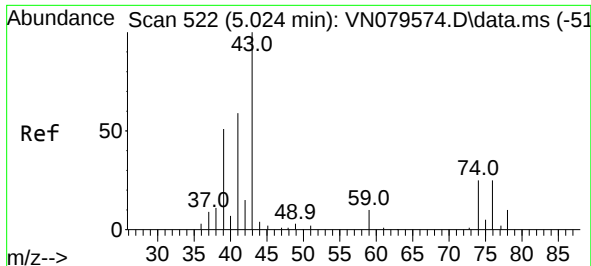
Tgt Ion: 76 Resp: 150426

Ion Ratio Lower Upper

76 100

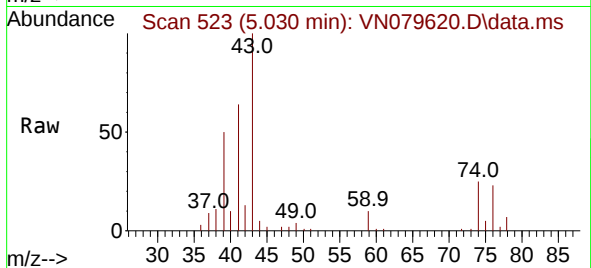
78 10.1 7.5 11.3





#17
 Allyl chloride
 Concen: 19.756 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN079620.D
 Acq: 20 Oct 2023 11:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBS01

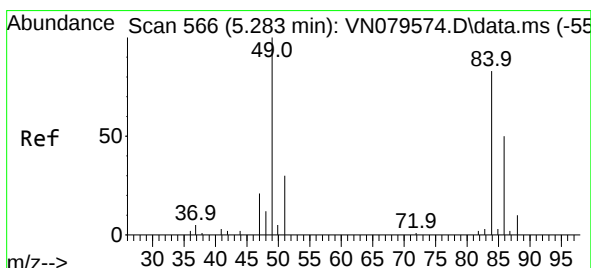
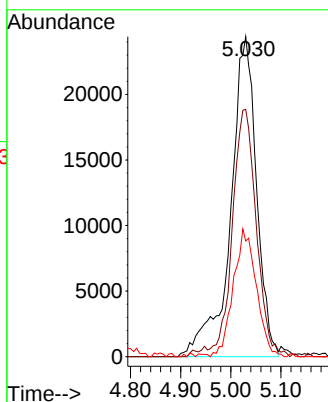
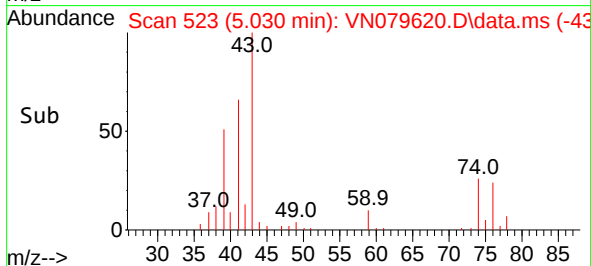


Tgt Ion: 41 Resp: 88140
 Ion Ratio Lower Upper
 41 100
 39 77.3 38.4 115.2
 76 36.1 19.5 58.5

Manual Integrations
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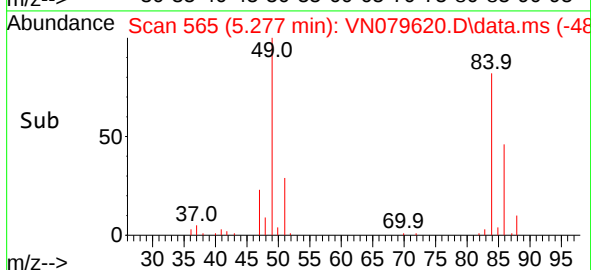
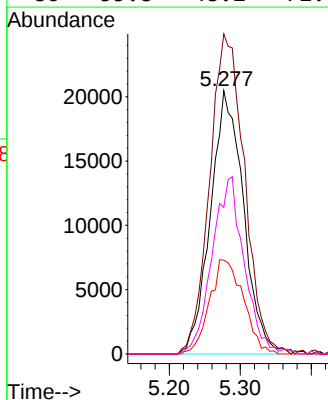
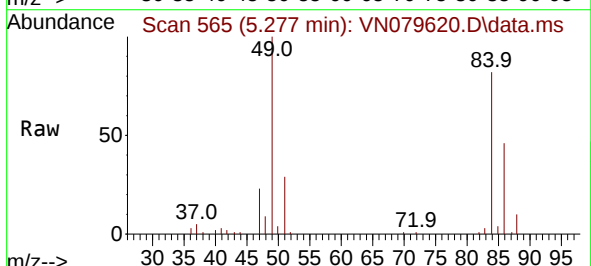
Reviewed By :John
 Carlone
 10/23/2023

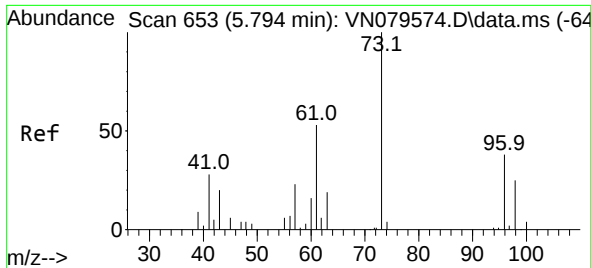
Supervised By :Semsettin
 Yesilyurt
 10/24/2023



#18
 Methylene Chloride
 Concen: 18.456 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN079620.D
 Acq: 20 Oct 2023 11:31

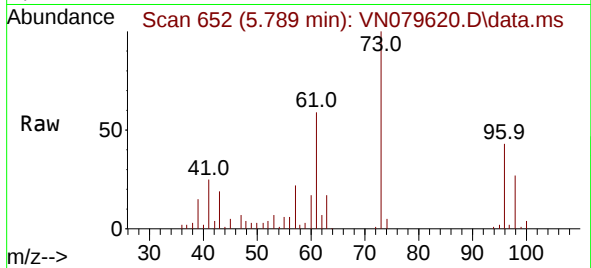
Tgt Ion: 84 Resp: 65737
 Ion Ratio Lower Upper
 84 100
 49 121.6 100.9 151.3
 51 35.6 29.4 44.2
 86 55.8 48.2 72.4





#19
trans-1,2-Dichloroethene
Concen: 18.644 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

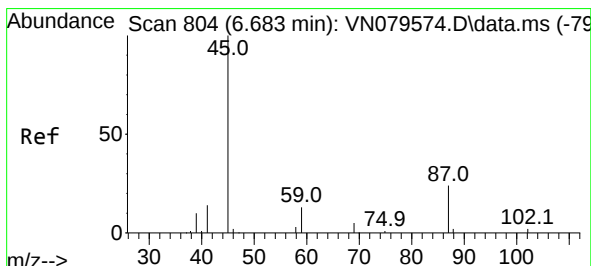
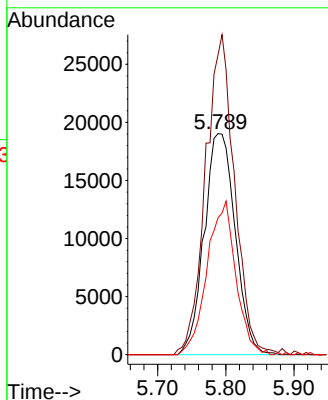
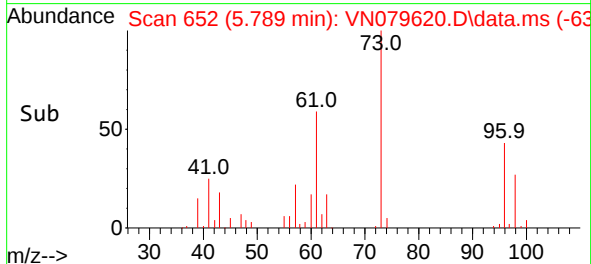


Tgt Ion: 96 Resp: 60360
Ion Ratio Lower Upper
96 100
61 134.7 113.4 170.0
98 62.0 50.4 75.6

Manual Integrations
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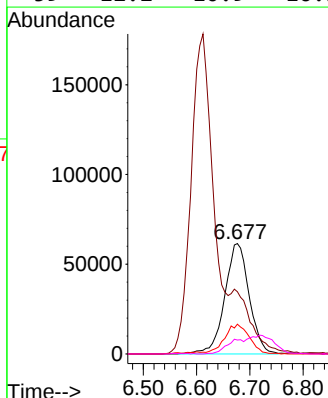
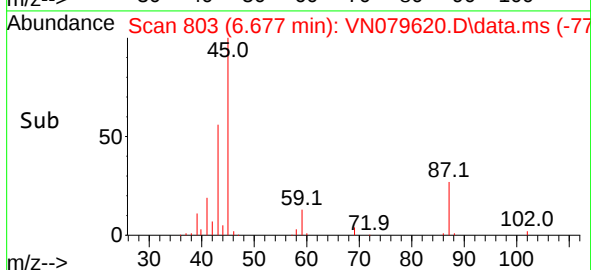
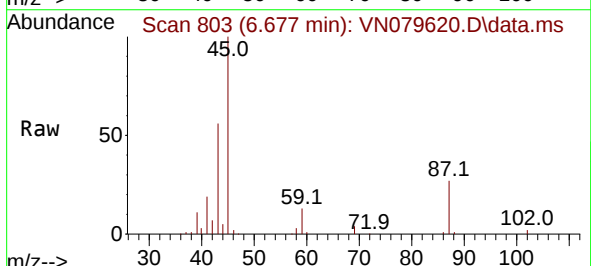
Reviewed By :John
Carlone
10/23/2023

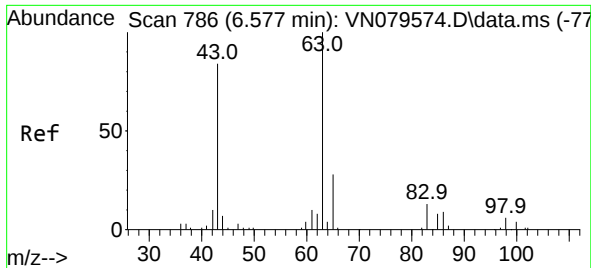
Supervised By :Semsettin
Yesilyurt
10/24/2023



#20
Diisopropyl ether
Concen: 18.567 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

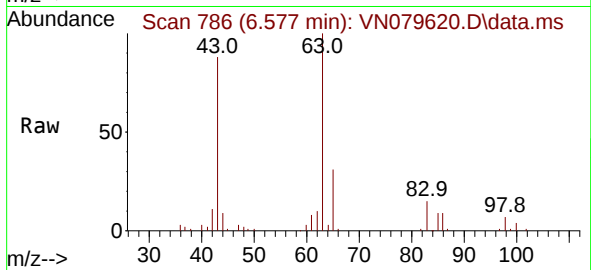
Tgt Ion: 45 Resp: 196423
Ion Ratio Lower Upper
45 100
43 52.9 42.1 63.1
87 26.5 20.5 30.7
59 12.2 10.9 16.3





#21
1,1-Dichloroethane
Concen: 18.516 ug/l
RT: 6.577 min Scan# 786
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

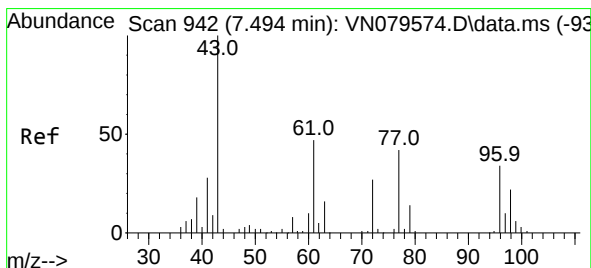
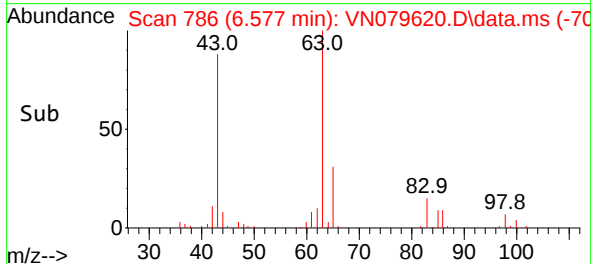
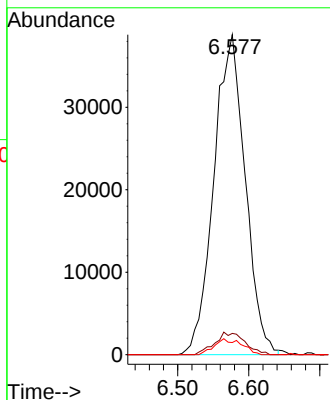


Tgt Ion: 63 Resp: 11903
Ion Ratio Lower Upper
63 100
98 6.6 2.8 8.4
100 3.8 1.9 5.7

Manual Integrations
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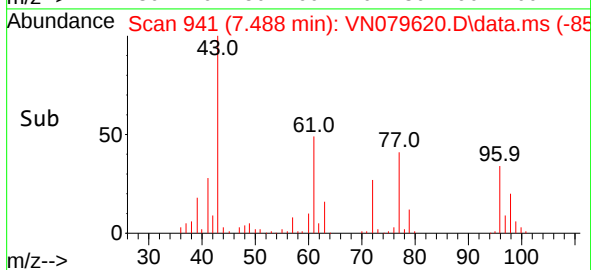
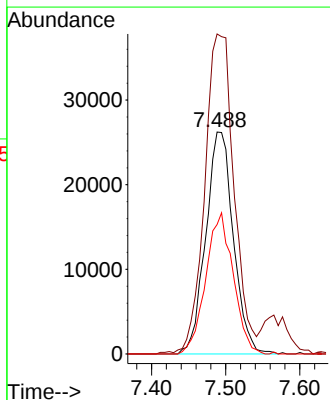
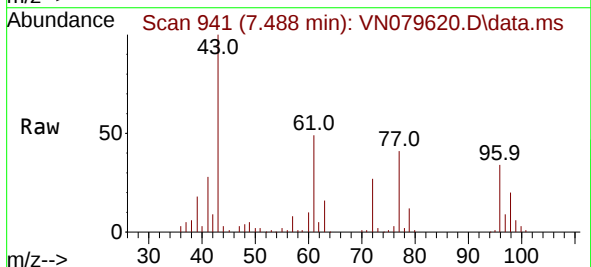
Reviewed By :John
Carlone
10/23/2023

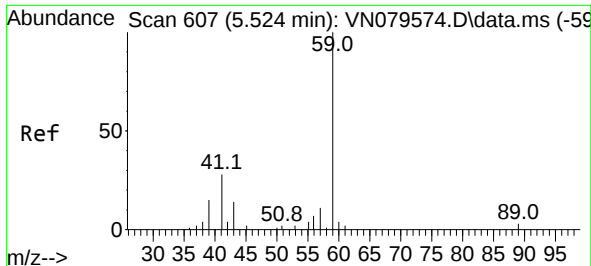
Supervised By :Semsetin
Yesilyurt
10/24/2023



#22
cis-1,2-Dichloroethene
Concen: 18.230 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

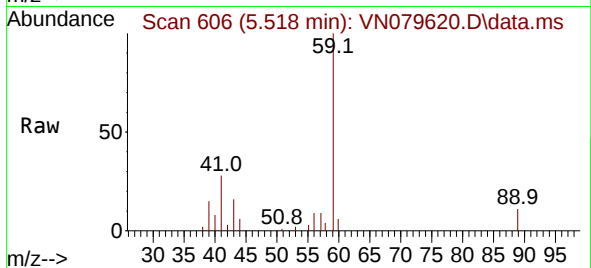
Tgt Ion: 96 Resp: 67978
Ion Ratio Lower Upper
96 100
61 152.5 124.6 186.8
98 63.1 54.2 81.4





#23
tert-Butyl Alcohol
Concen: 74.850 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

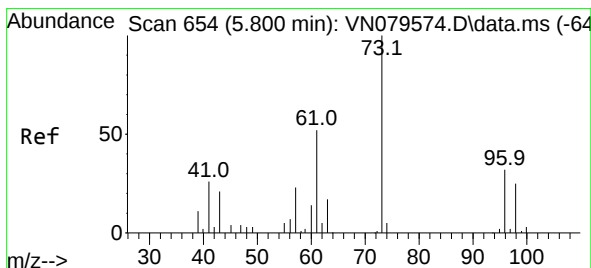
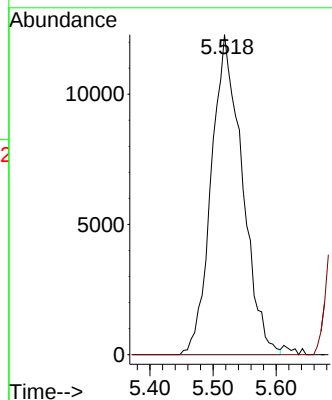


Tgt Ion: 59 Resp: 41815
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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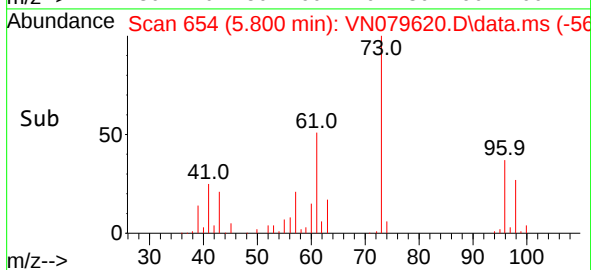
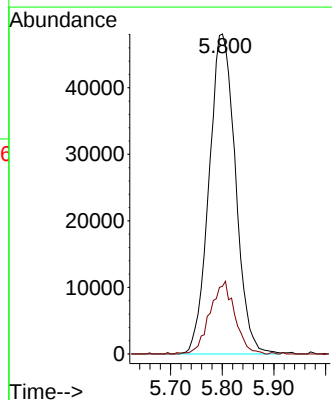
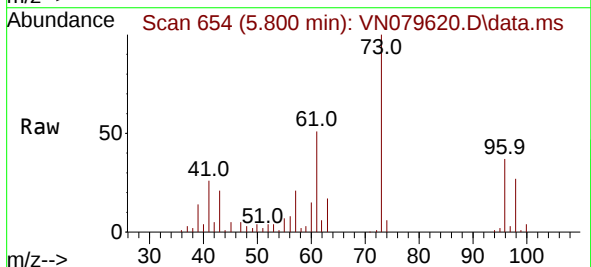
Reviewed By :John
Carlone
10/23/2023

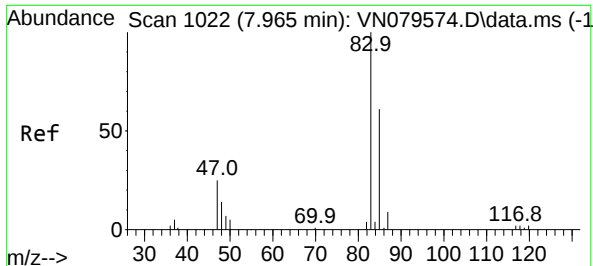
Supervised By :Semsettin
Yesilyurt
10/24/2023



#24
Methyl tert-Butyl Ether
Concen: 17.589 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Tgt Ion: 73 Resp: 170786
Ion Ratio Lower Upper
73 100
43 21.3 16.6 24.8





#25
Chloroform
Concen: 18.544 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

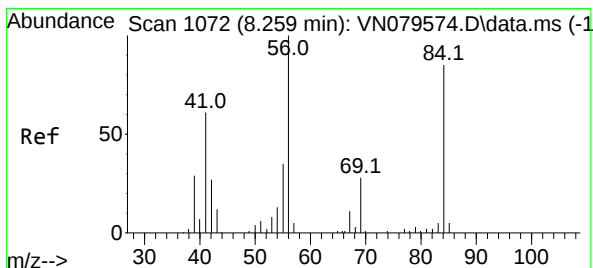
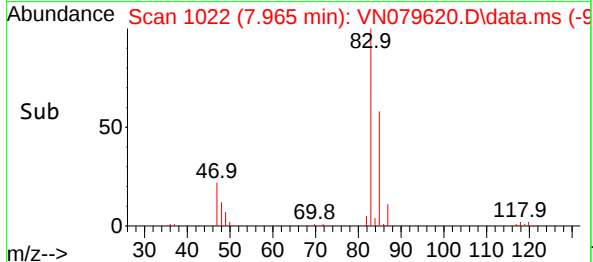
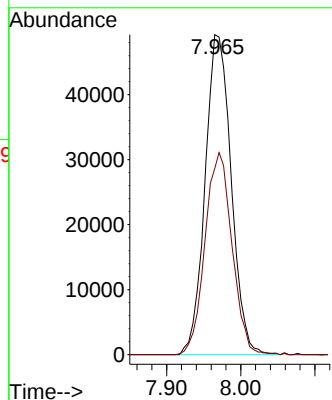
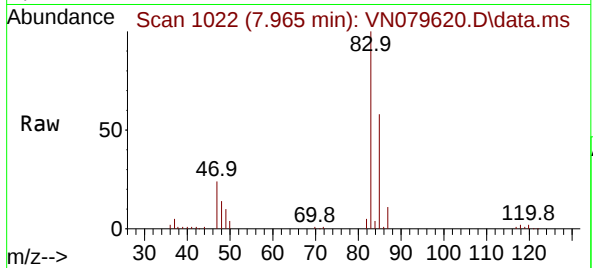
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

Tgt Ion: 83 Resp: 120458
Ion Ratio Lower Upper
83 100
85 58.2 47.4 71.2

Manual Integrations
APPROVED

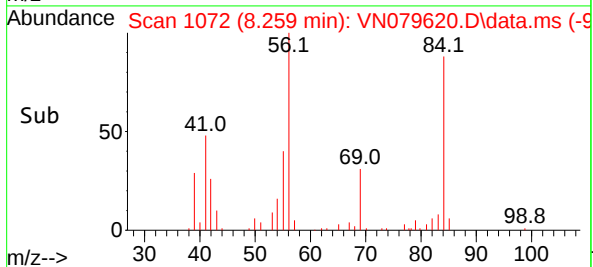
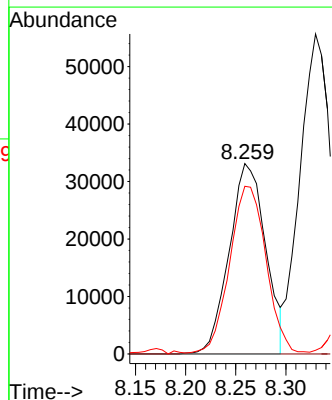
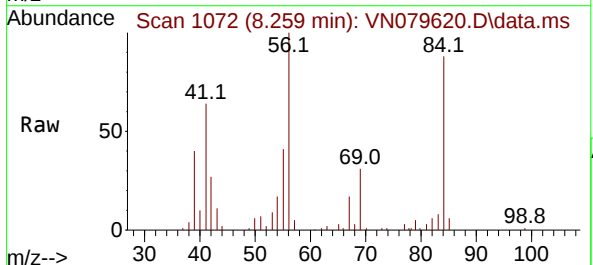
Reviewed By :John
Carlone
10/23/2023

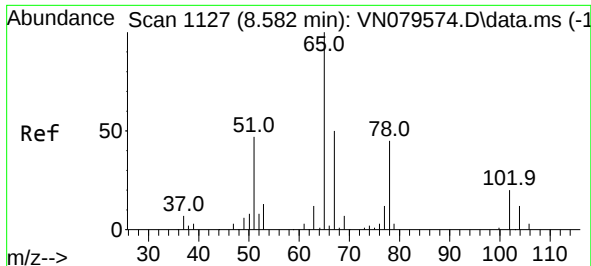
Supervised By :Semsettin
Yesilyurt
10/24/2023



#26
Cyclohexane
Concen: 17.235 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

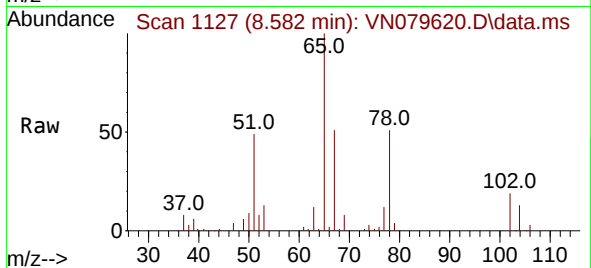
Tgt Ion: 56 Resp: 83757
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.5 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 28.672 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

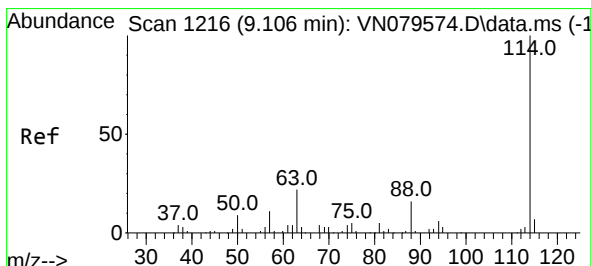
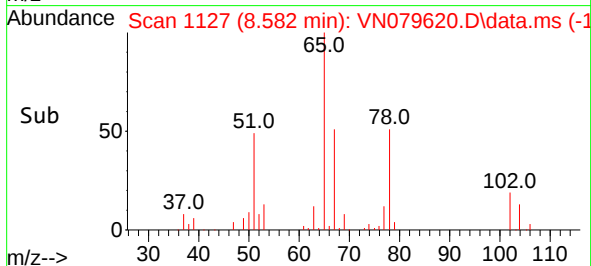
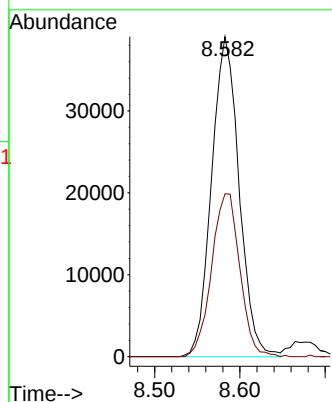


Tgt Ion: 65 Resp: 87552
Ion Ratio Lower Upper
65 100
67 52.2 42.1 63.1

Manual Integrations
APPROVED

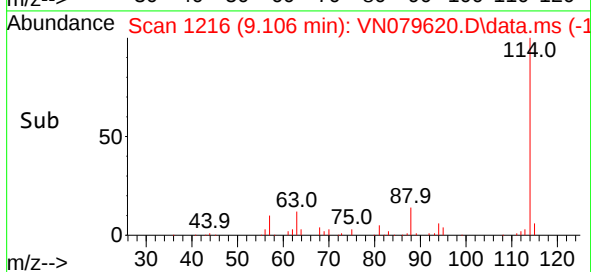
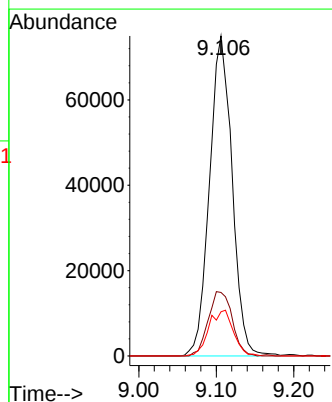
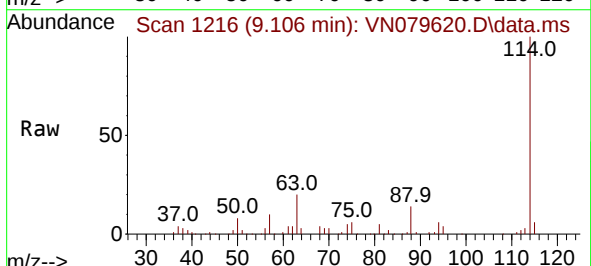
Reviewed By :John
Carlone
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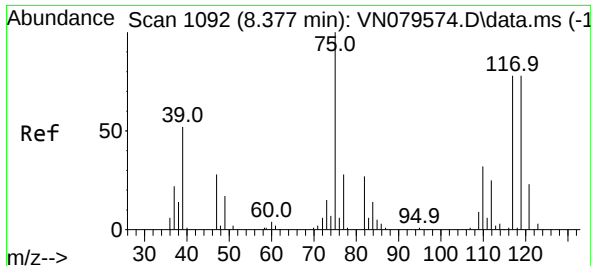
Supervised By :Semsettin
Yesilyurt
10/24/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Tgt Ion:114 Resp: 152106
Ion Ratio Lower Upper
114 100
63 21.2 18.1 27.1
88 15.3 12.2 18.2





#29

1,1-Dichloropropene

Concen: 19.492 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079620.D

Acq: 20 Oct 2023 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBS01

Tgt Ion:	75	Resp:	8664
Ion Ratio	Lower	Upper	
75	100		
110	32.9	0.0	66.8
77	29.8	0.0	61.2

Manual Integrations

APPROVED

Reviewed By :John

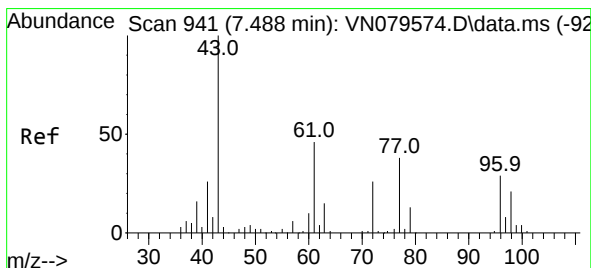
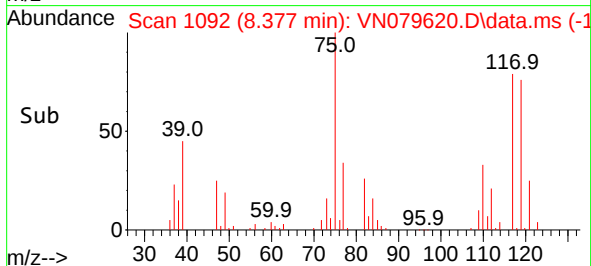
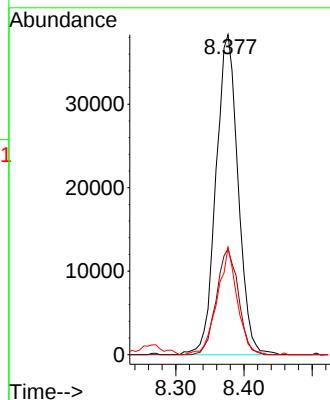
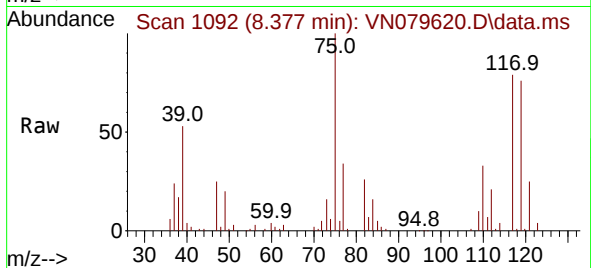
Carlone

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Supervised By :Semsettin

Yesilyurt

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#30

2-Butanone

Concen: 91.180 ug/l

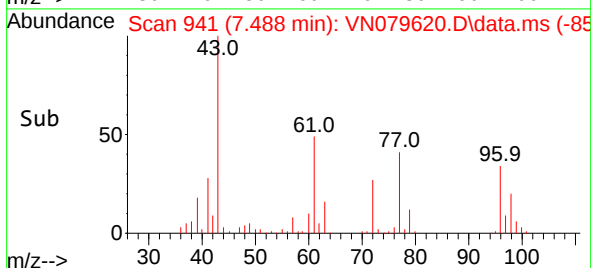
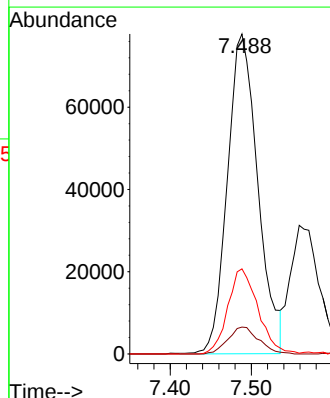
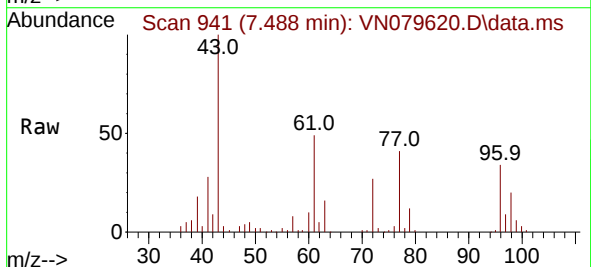
RT: 7.488 min Scan# 941

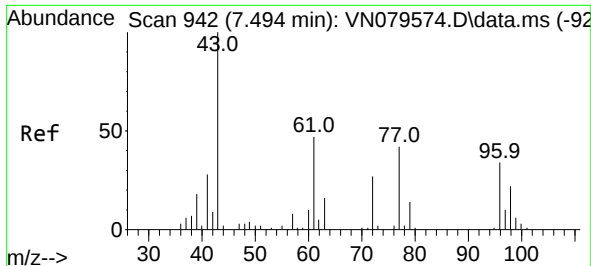
Delta R.T. 0.000 min

Lab File: VN079620.D

Acq: 20 Oct 2023 11:31

Tgt Ion:	43	Resp:	203161
Ion Ratio	Lower	Upper	
43	100		
57	8.5	6.4	9.6
72	26.3	20.7	31.1





#31

2,2-Dichloropropane

Concen: 18.667 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN079620.D

Acq: 20 Oct 2023 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBS01

Tgt Ion: 77 Resp: 93558

Ion Ratio Lower Upper

77 100

97 22.0 17.9 26.9

Manual Integrations

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Reviewed By :John

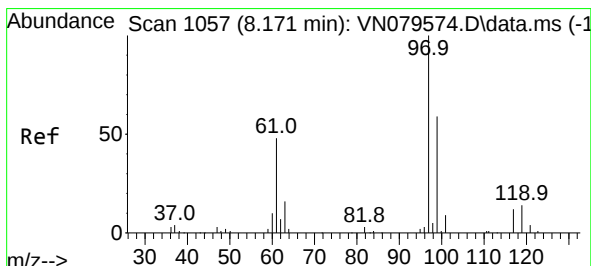
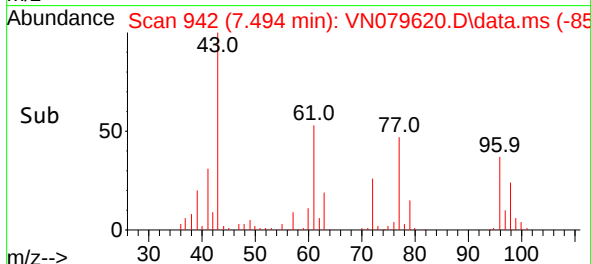
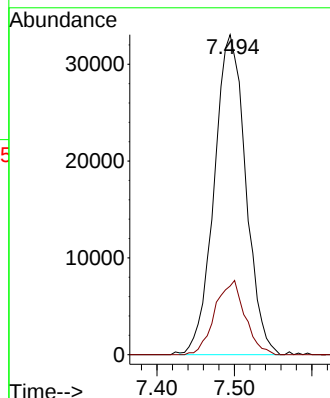
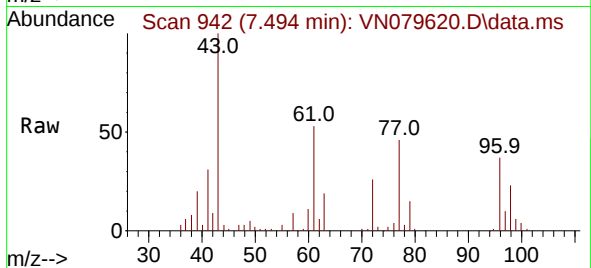
Carlone

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Supervised By :Semsettin

Yesilyurt

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#32

1,1,1-Trichloroethane

Concen: 19.189 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079620.D

Acq: 20 Oct 2023 11:31

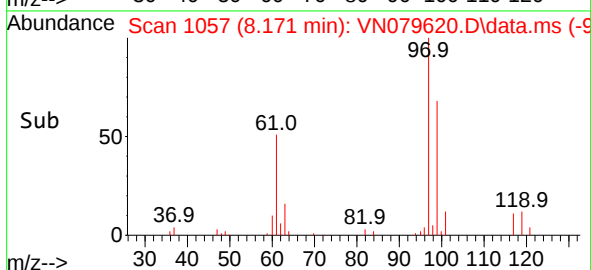
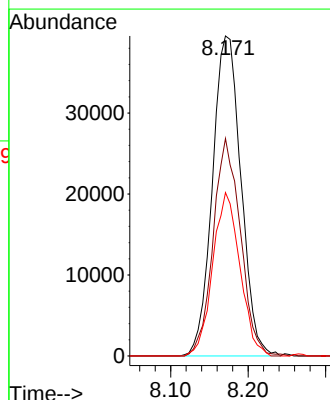
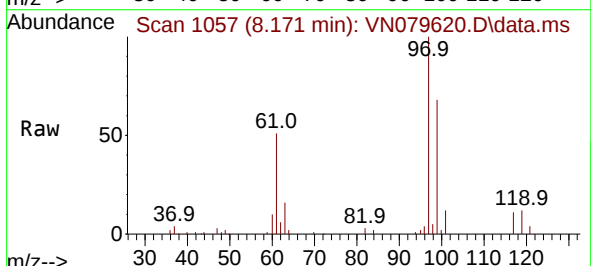
Tgt Ion: 97 Resp: 101382

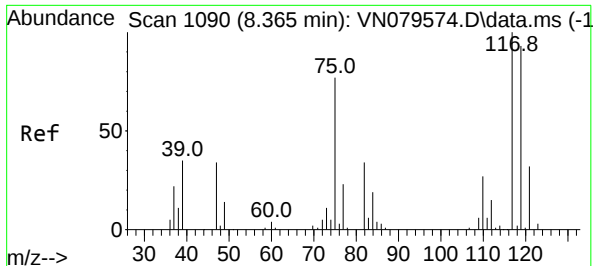
Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

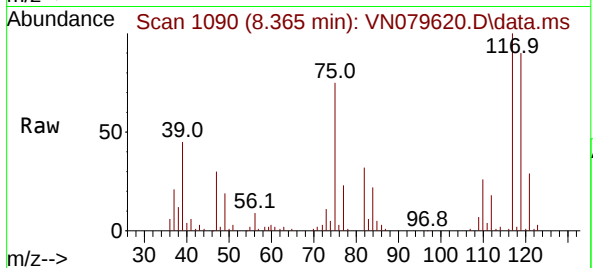
61 48.7 37.6 56.4





#33
Carbon Tetrachloride
Concen: 19.879 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

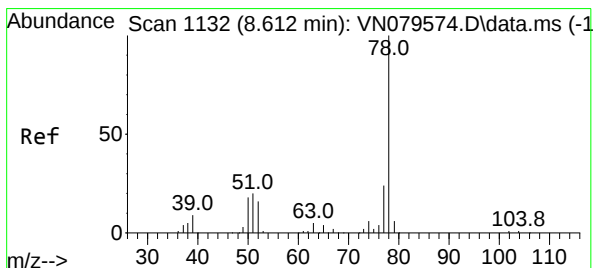
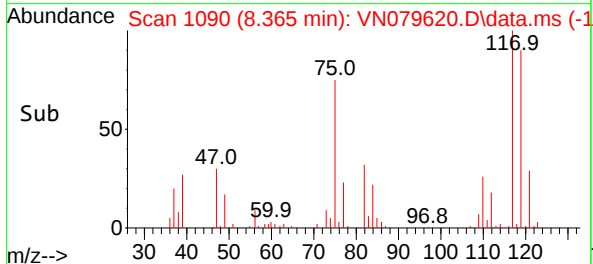
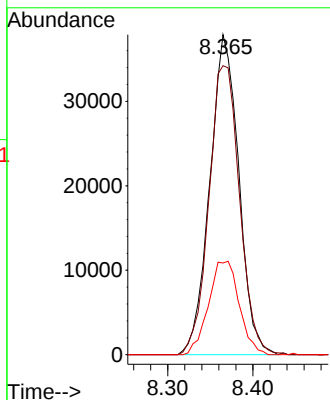


Tgt Ion: 117 Resp: 8932
Ion Ratio Lower Upper
117 100
119 90.3 75.0 112.6
121 28.6 24.3 36.5

Manual Integrations
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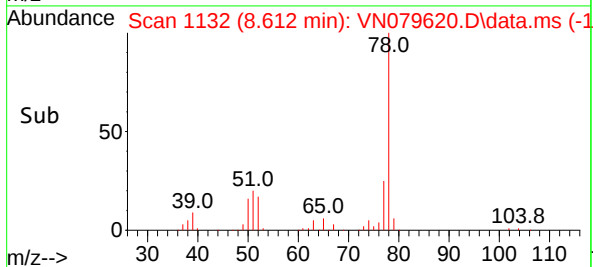
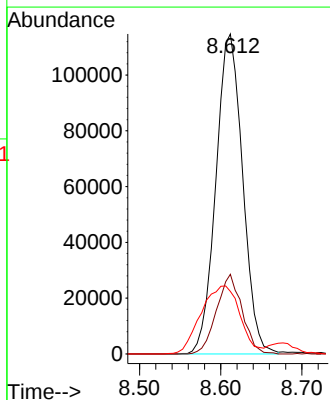
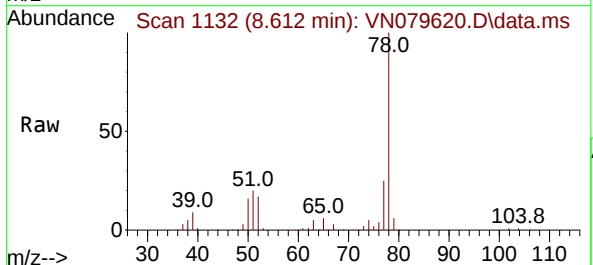
Reviewed By :John
Carlone
10/23/2023

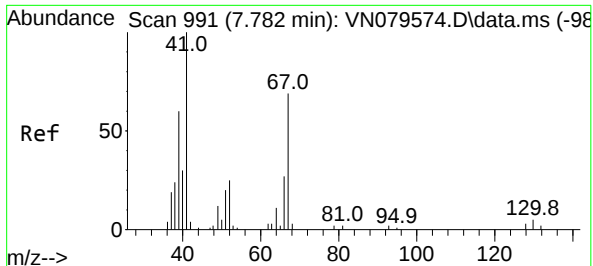
Supervised By :Semsettin
Yesilyurt
10/24/2023



#34
Benzene
Concen: 19.476 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

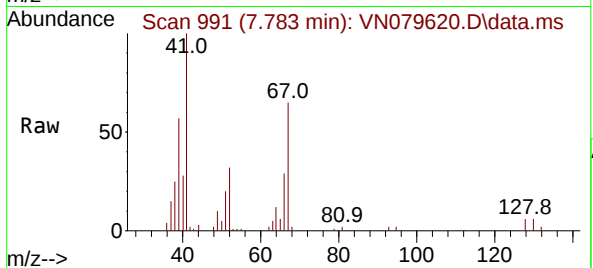
Tgt Ion: 78 Resp: 263030
Ion Ratio Lower Upper
78 100
77 24.9 19.7 29.5
51 18.9 15.8 23.6





#35
Methacrylonitrile
Concen: 17.069 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

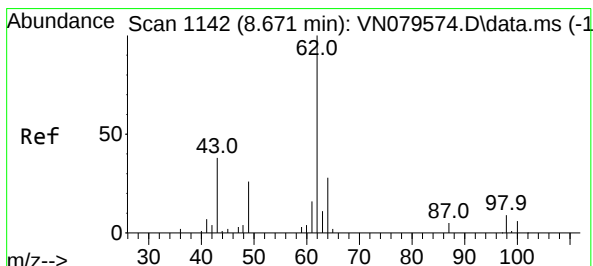
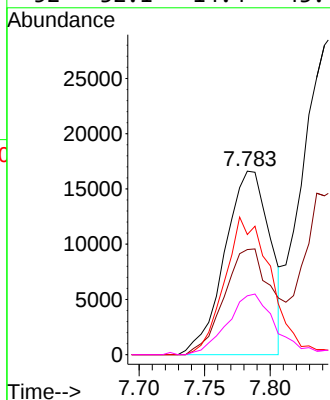
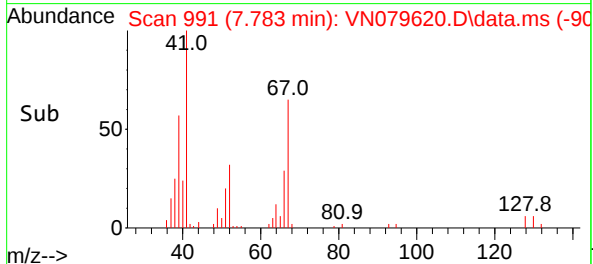


Tgt Ion:	41	Resp:	4000
Ion Ratio	100	Lower	Upper
39	57.3	26.3	78.8
67	65.5	37.5	112.3
52	32.1	14.4	43.4

Manual Integrations
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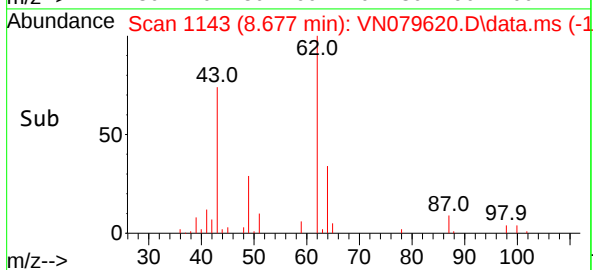
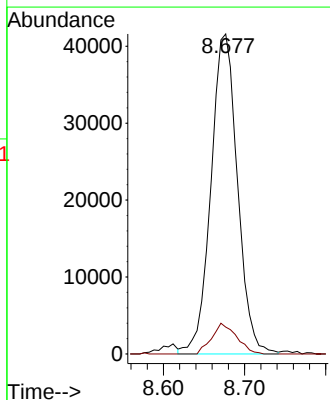
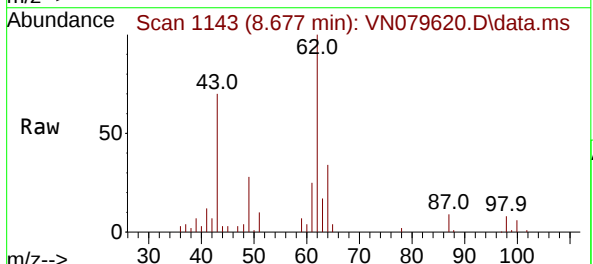
Reviewed By :John
Carlone
10/23/2023

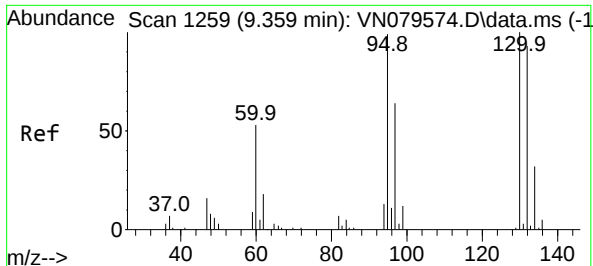
Supervised By :Semsetin
Yesilyurt
10/24/2023



#36
1,2-Dichloroethane
Concen: 19.621 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Tgt Ion:	62	Resp:	94615
Ion Ratio	100	Lower	Upper
98	9.0	7.2	10.8





#37

Trichloroethene

Concen: 19.018 ug/l

RT: 9.359 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN079620.D

Acq: 20 Oct 2023 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBS01

Tgt Ion:130 Resp: 60038

Ion Ratio Lower Upper

130 100

95 99.9 81.2 121.8

Manual Integrations

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Reviewed By :John

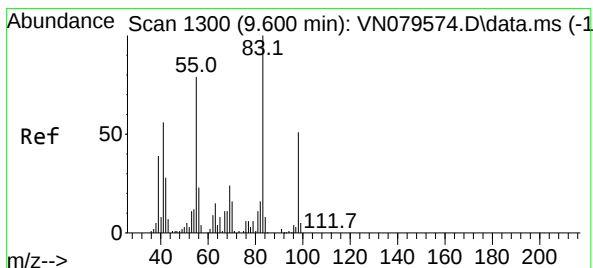
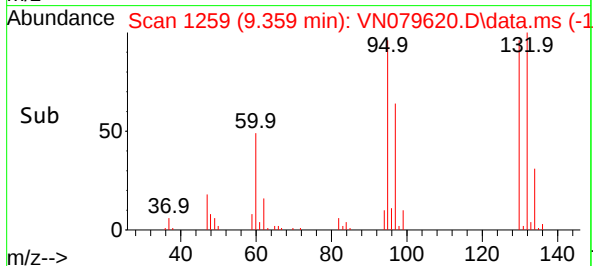
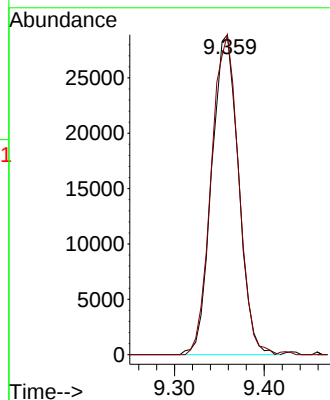
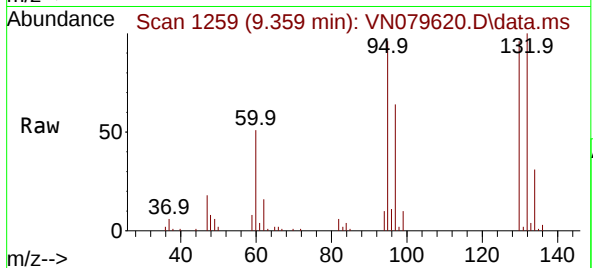
Carlone

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Supervised By :Semsettin

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#38

Methylcyclohexane

Concen: 17.866 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN079620.D

Acq: 20 Oct 2023 11:31

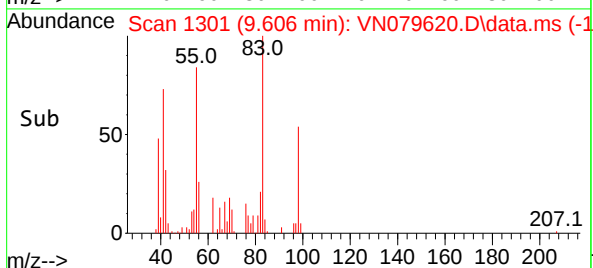
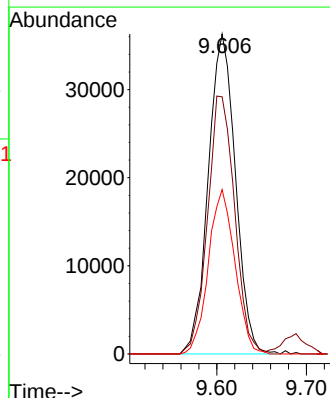
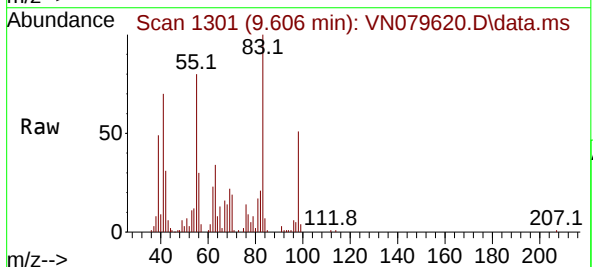
Tgt Ion: 83 Resp: 76460

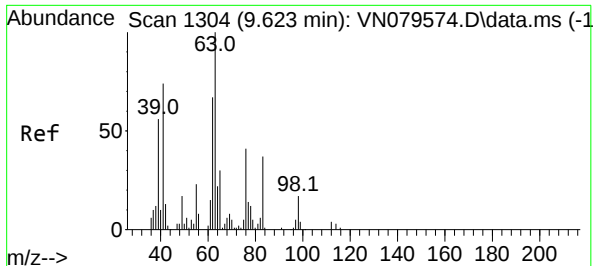
Ion Ratio Lower Upper

83 100

55 80.0 39.7 119.1

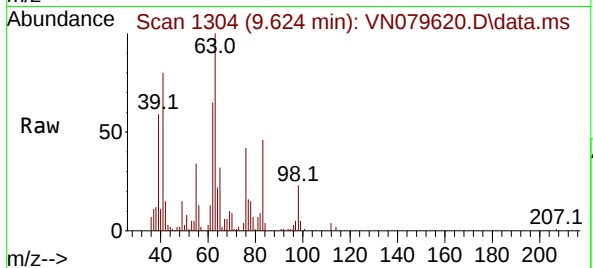
98 50.1 24.4 73.2





#39
1,2-Dichloropropane
Concen: 19.707 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

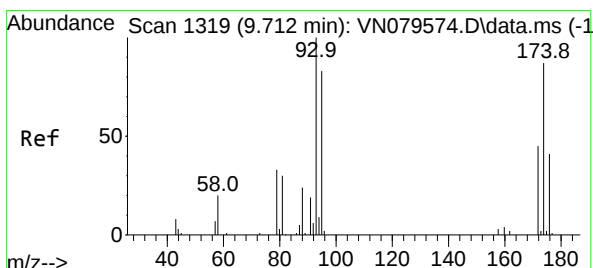
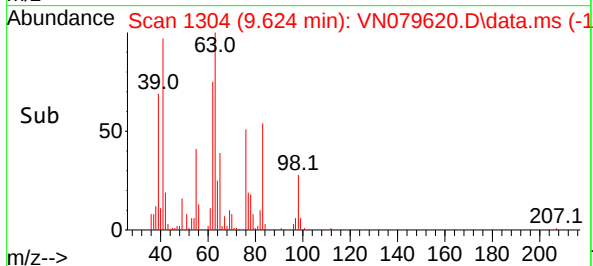
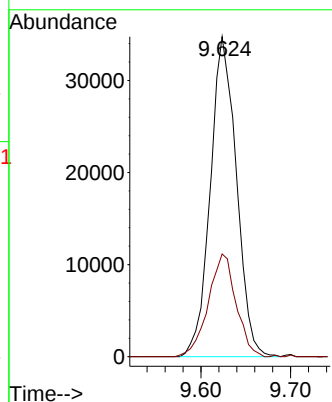


Tgt Ion: 63 Resp: 70235
Ion Ratio Lower Upper
63 100
65 32.1 25.3 37.9

Manual Integrations
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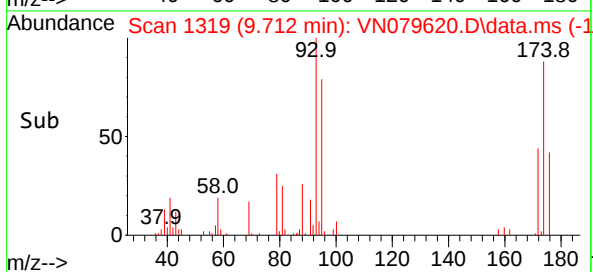
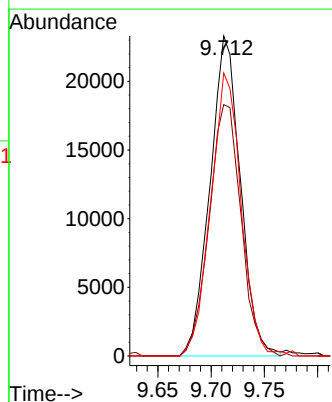
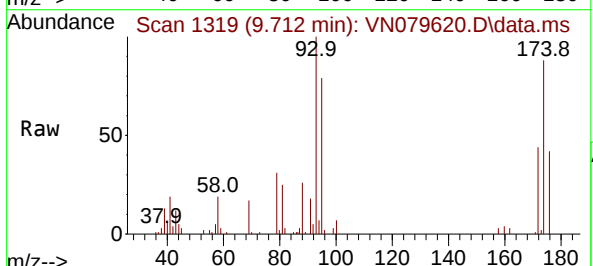
Reviewed By :John
Carlone
10/23/2023

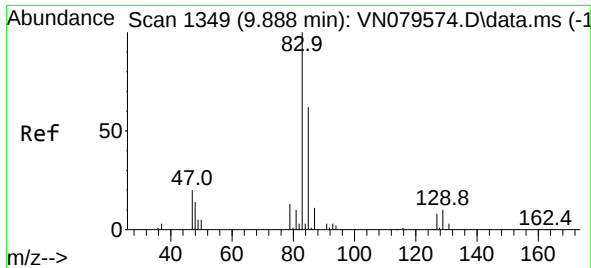
Supervised By :Semsettin
Yesilyurt
10/24/2023



#40
Dibromomethane
Concen: 19.758 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

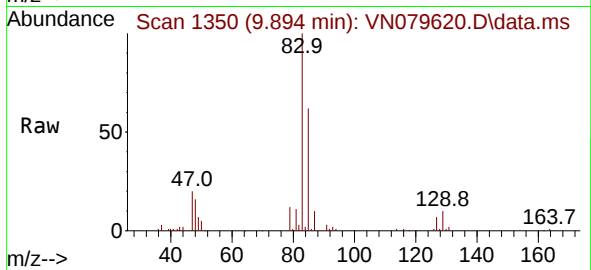
Tgt Ion: 93 Resp: 46212
Ion Ratio Lower Upper
93 100
95 82.5 0.0 166.6
174 88.2 0.0 171.0





#41
Bromodichloromethane
Concen: 19.550 ug/l
RT: 9.894 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

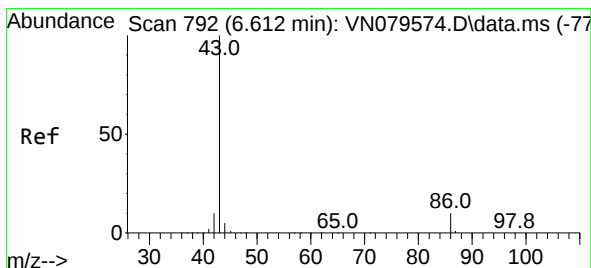
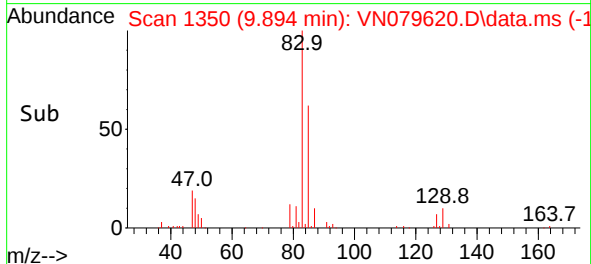
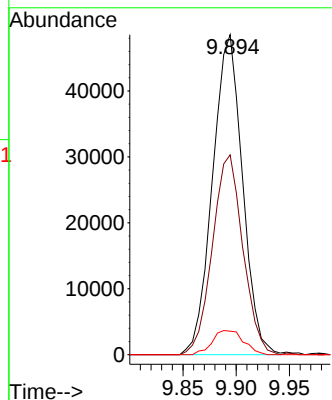


Tgt Ion: 83 Resp: 9476
Ion Ratio Lower Upper
83 100
85 62.4 50.3 75.5
127 7.3 6.8 10.2

Manual Integrations
APPROVED

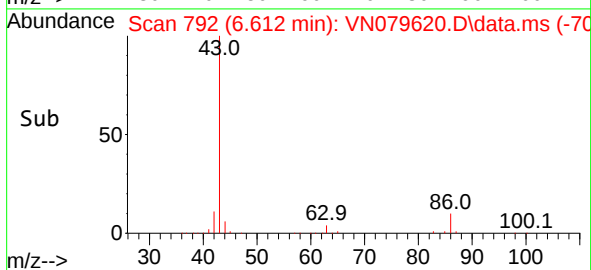
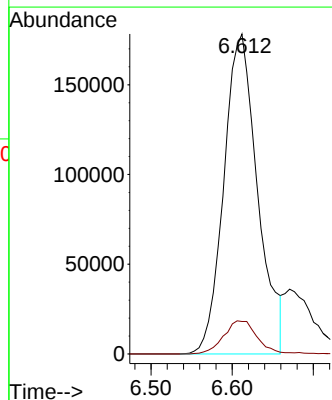
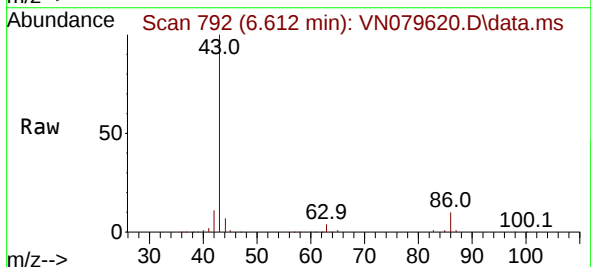
Reviewed By :John
Carlone
10/23/2023

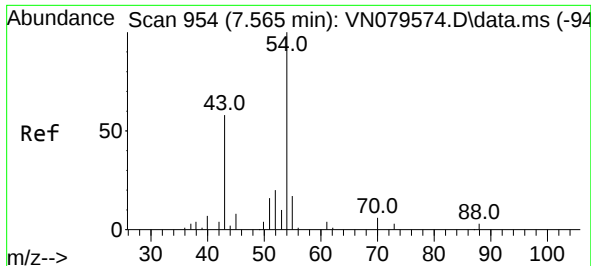
Supervised By :Semsettin
Yesilyurt
10/24/2023



#42
Vinyl Acetate
Concen: 91.293 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Tgt Ion: 43 Resp: 516000
Ion Ratio Lower Upper
43 100
86 10.2 8.2 12.2





#43
Ethyl Acetate
Concen: 19.305 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

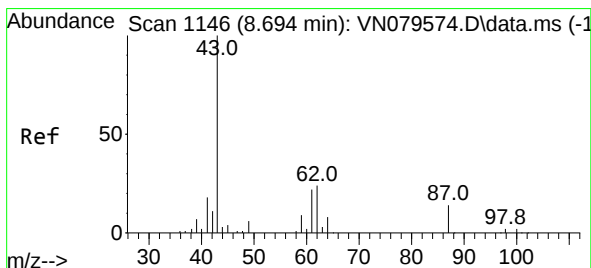
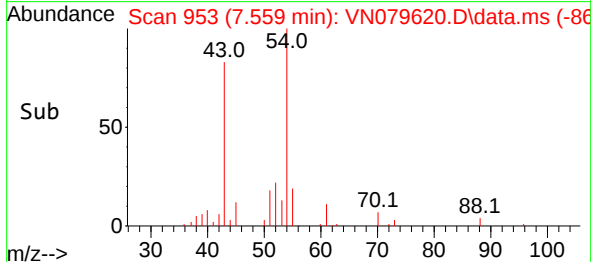
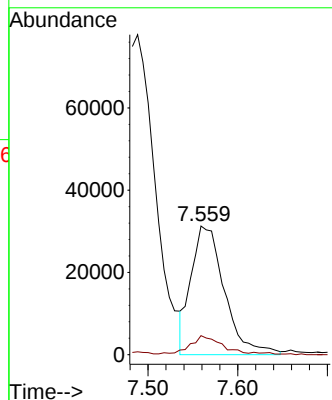
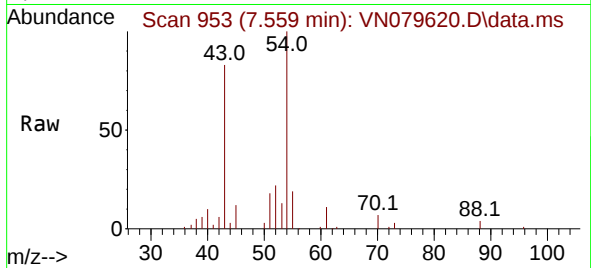
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

Tgt Ion: 43 Resp: 8088
Ion Ratio Lower Upper
43 100
45 12.1 11.8 17.8

Manual Integrations
APPROVED

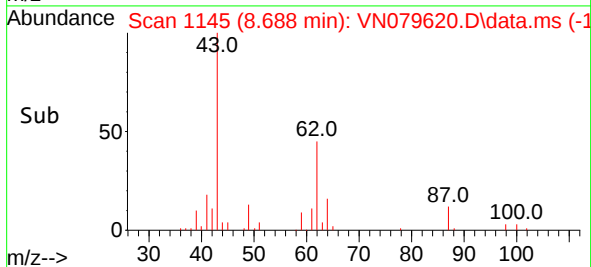
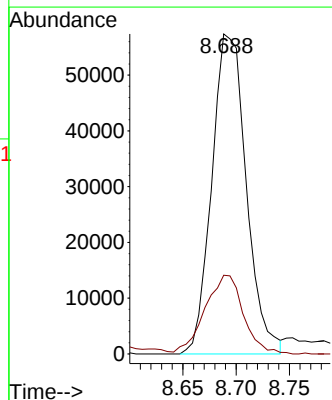
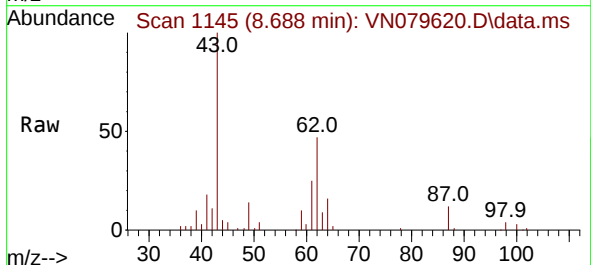
Reviewed By :John
Carlone
10/23/2023

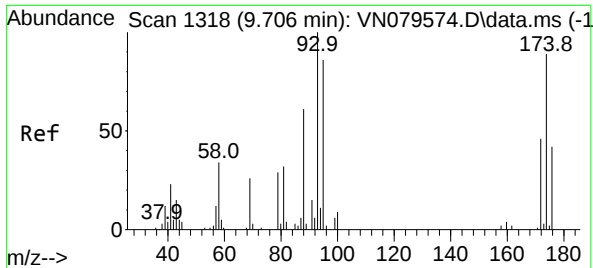
Supervised By :Semsetin
Yesilyurt
10/24/2023



#44
Isopropyl Acetate
Concen: 17.346 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

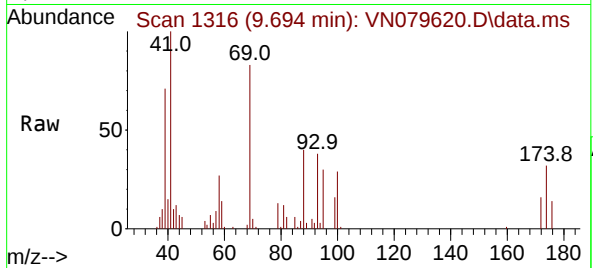
Tgt Ion: 43 Resp: 129194
Ion Ratio Lower Upper
43 100
61 27.4 20.3 30.5





#45
1,4-Dioxane
Concen: 331.901 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.012 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

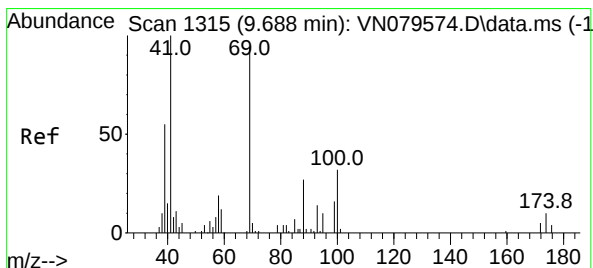
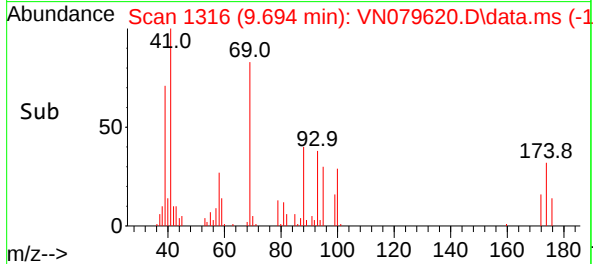
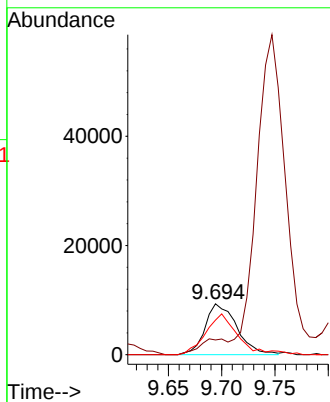


Tgt Ion: 88 Resp: 19350
Ion Ratio Lower Upper
88 100
43 27.4 28.7 43.1
58 77.5 56.9 85.3

Manual Integrations
APPROVED

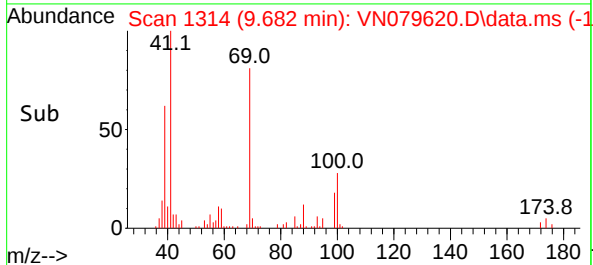
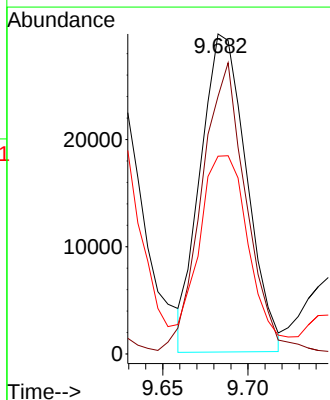
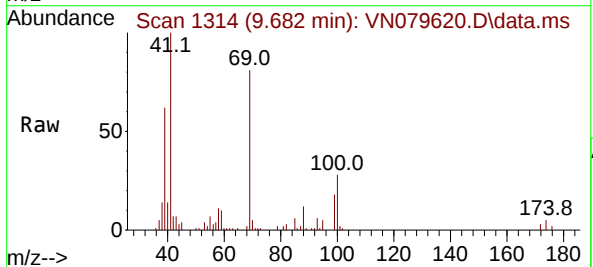
Reviewed By :John
Carlone
10/23/2023

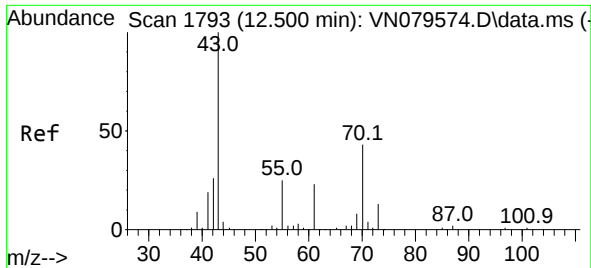
Supervised By :Semsettin
Yesilyurt
10/24/2023



#46
Methyl methacrylate
Concen: 16.897 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

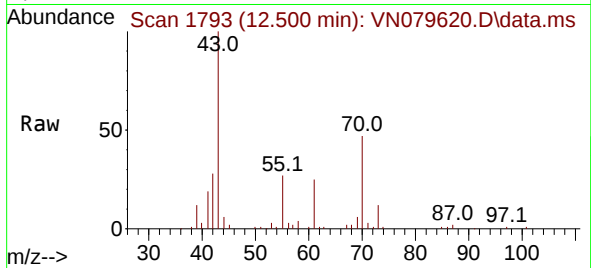
Tgt Ion: 41 Resp: 55832
Ion Ratio Lower Upper
41 100
69 81.5 40.0 119.9
39 59.8 31.1 93.3





#47
n-amyl acetate
Concen: 17.338 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

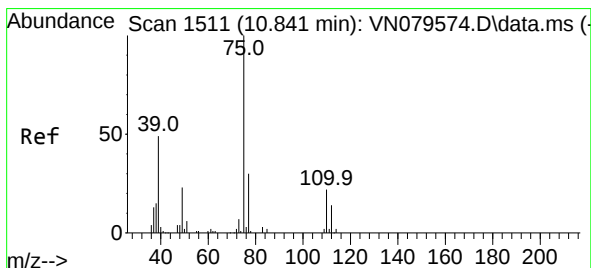
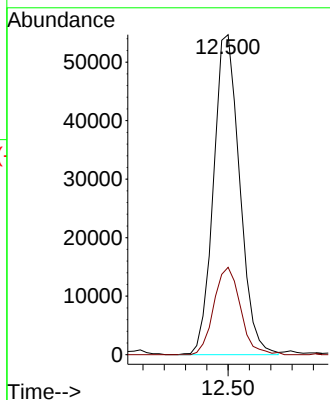
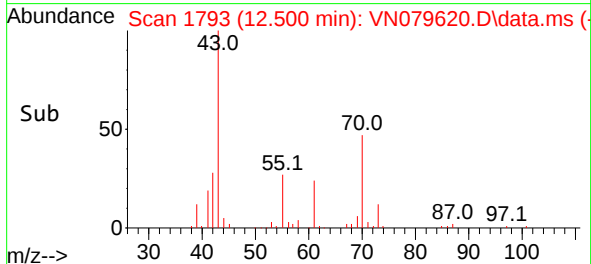


Tgt Ion: 43 Resp: 93195
Ion Ratio Lower Upper
43 100
55 27.7 20.7 31.1

Manual Integrations
APPROVED

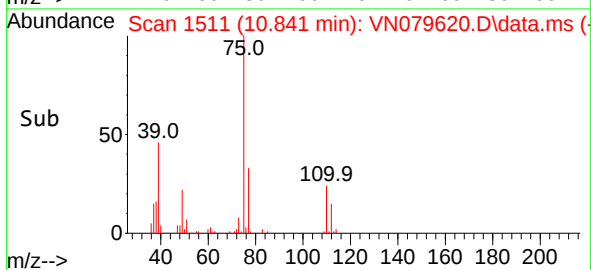
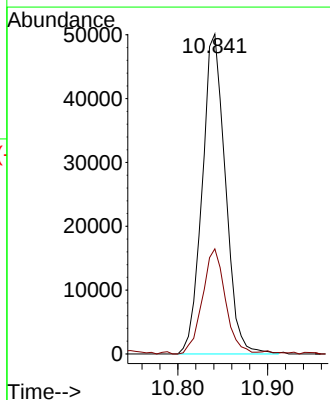
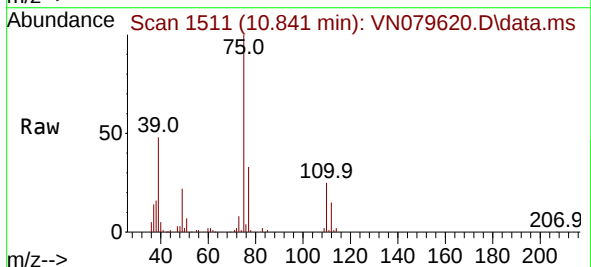
Reviewed By :John
Carlone
10/23/2023

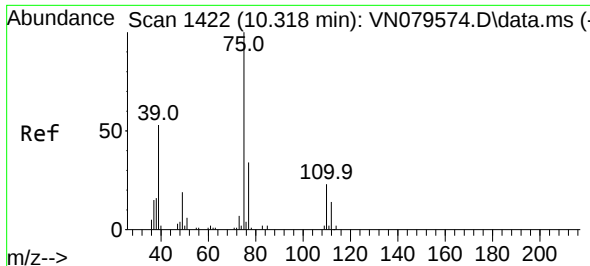
Supervised By :Semsettin
Yesilyurt
10/24/2023



#48
t-1,3-Dichloropropene
Concen: 18.341 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

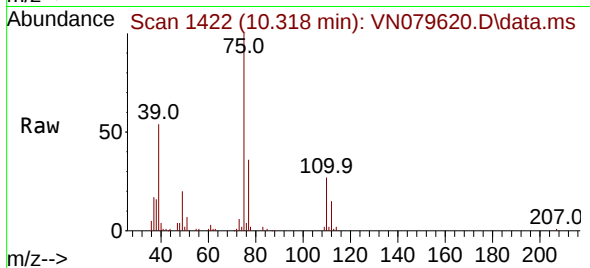
Tgt Ion: 75 Resp: 89871
Ion Ratio Lower Upper
75 100
77 32.9 25.6 38.4





#49
cis-1,3-Dichloropropene
Concen: 18.642 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

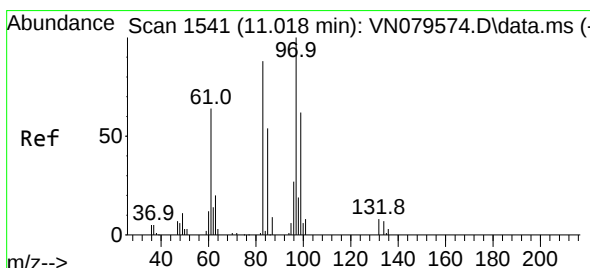
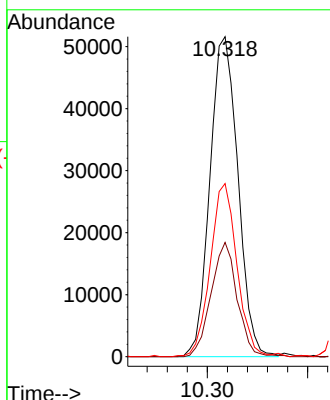
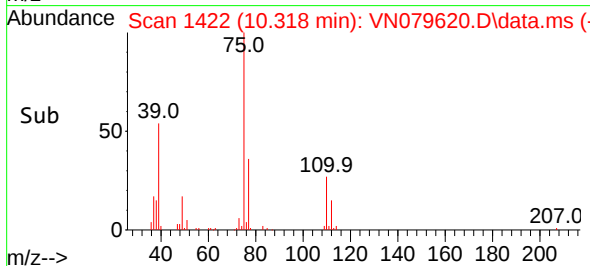


Tgt Ion: 75 Resp: 9989
Ion Ratio Lower Upper
75 100
77 35.7 25.8 38.6
39 53.8 42.4 63.6

Manual Integrations
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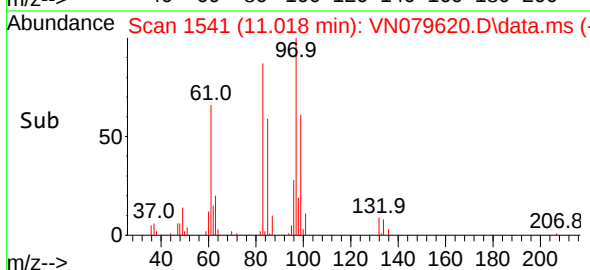
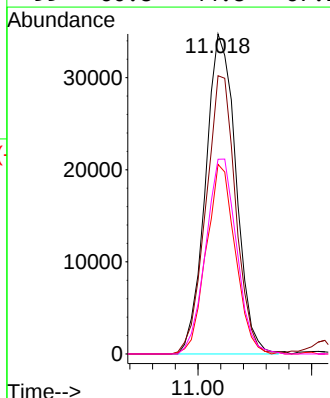
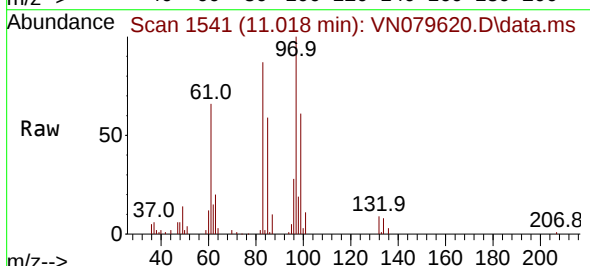
Reviewed By :John
Carlone
10/23/2023

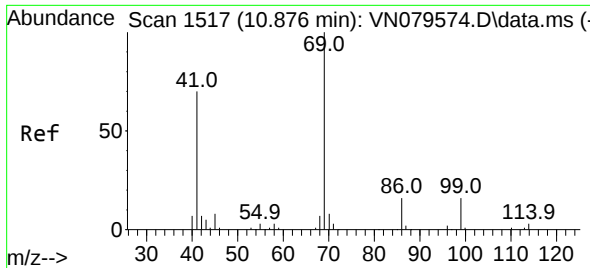
Supervised By :Semsettin
Yesilyurt
10/24/2023



#50
1,1,2-Trichloroethane
Concen: 19.929 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

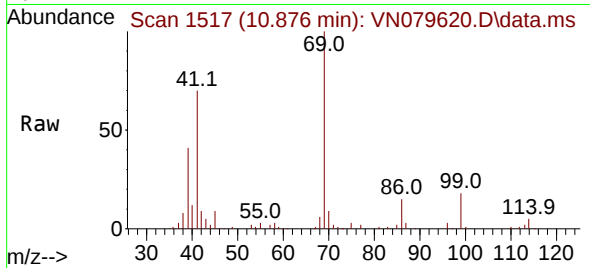
Tgt Ion: 97 Resp: 64664
Ion Ratio Lower Upper
97 100
83 86.3 68.2 102.4
85 58.8 42.9 64.3
99 60.8 44.8 67.2





#51
Ethyl methacrylate
Concen: 18.139 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

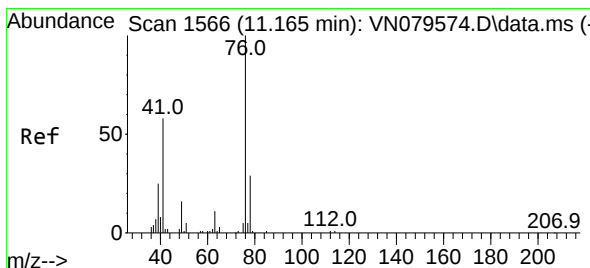
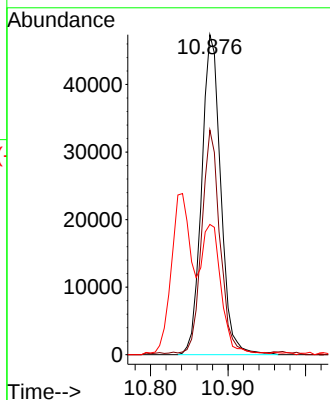
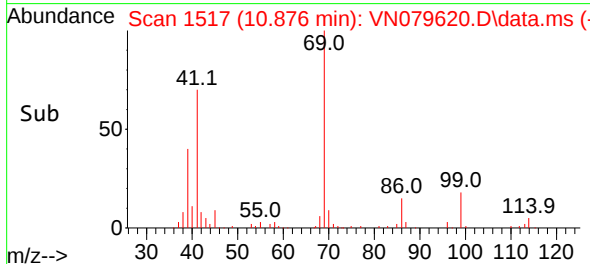


Tgt Ion: 69 Resp: 8120
Ion Ratio Lower Upper
69 100
41 69.7 33.8 101.3
39 40.1 21.3 63.9

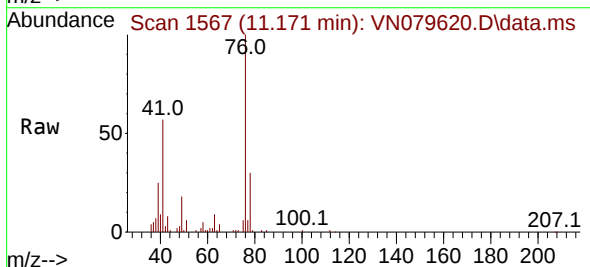
Manual Integrations
APPROVED

Reviewed By :John
Carlone
10/23/2023

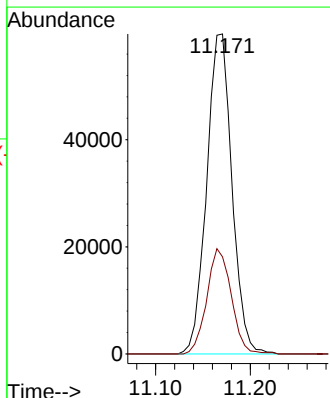
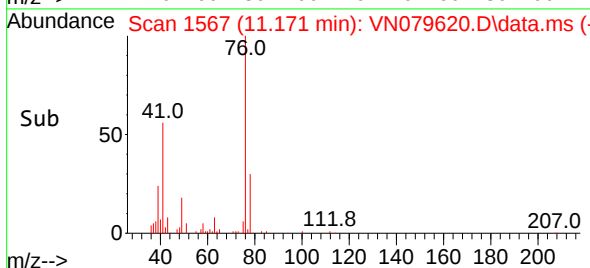
Supervised By :Semsettin
Yesilyurt
10/24/2023

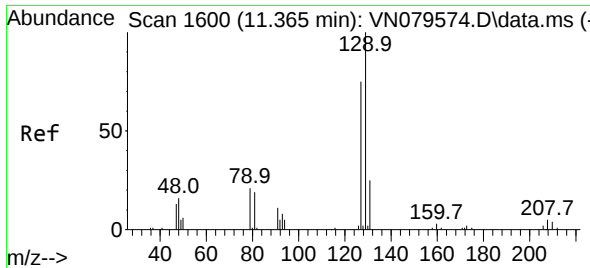


#52
1,3-Dichloropropane
Concen: 19.280 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31



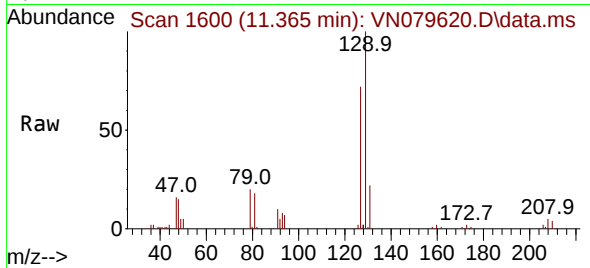
Tgt Ion: 76 Resp: 110827
Ion Ratio Lower Upper
76 100
78 31.7 0.0 64.0





#53
Dibromochloromethane
Concen: 19.723 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

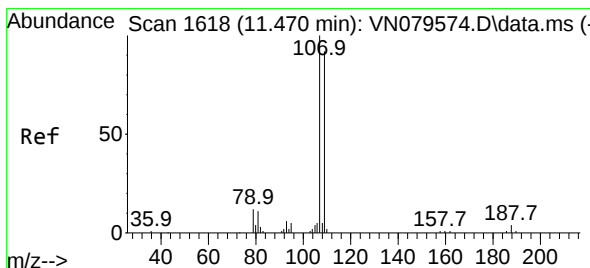
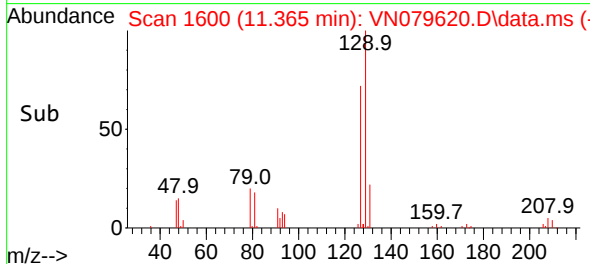
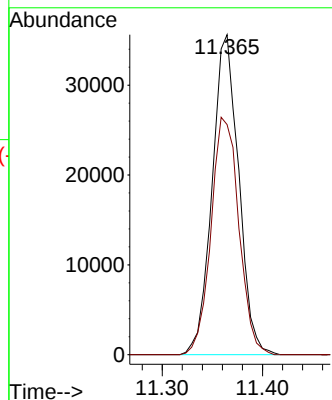


Tgt Ion:129 Resp: 65400
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.3

Manual Integrations
APPROVED

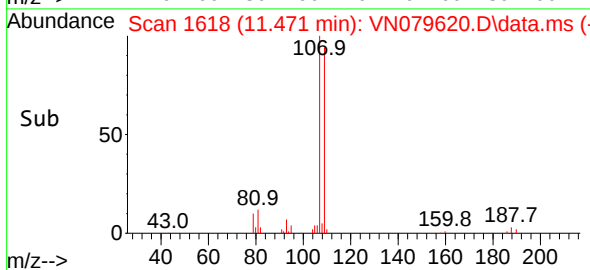
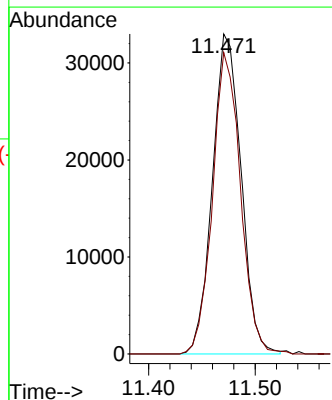
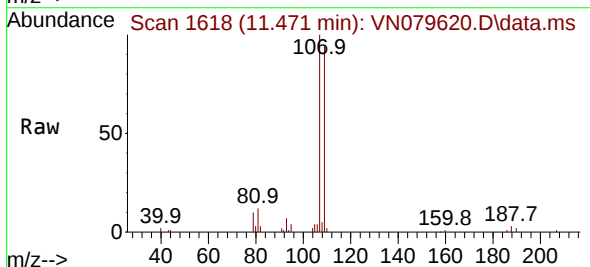
Reviewed By :John
Carlone
10/23/2023

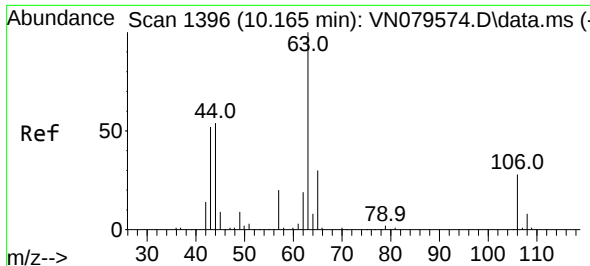
Supervised By :Semsettin
Yesilyurt
10/24/2023



#54
1,2-Dibromoethane
Concen: 19.240 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

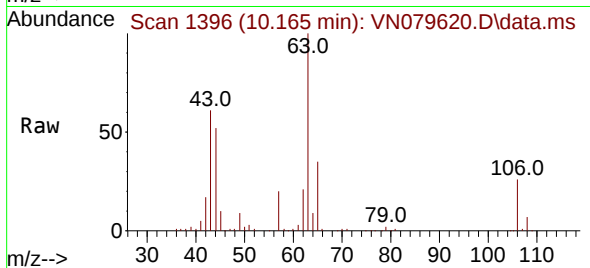
Tgt Ion:107 Resp: 61589
Ion Ratio Lower Upper
107 100
109 92.0 73.2 109.8





#55
2-Chloroethyl vinyl ether
Concen: 102.401 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

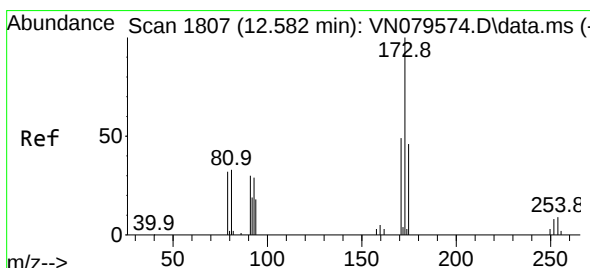
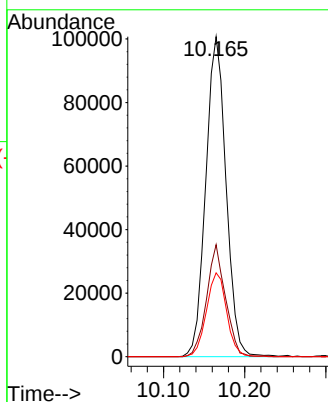
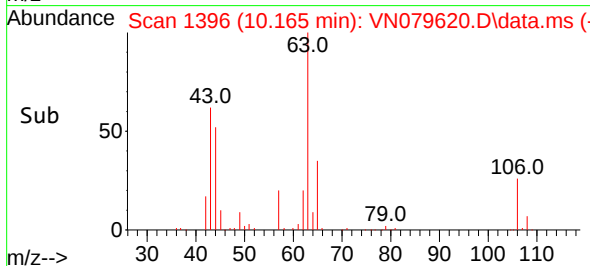


Tgt Ion: 63 Resp: 17490
Ion Ratio Lower Upper
63 100
65 32.4 25.9 38.9
106 26.1 20.6 30.8

Manual Integrations
APPROVED

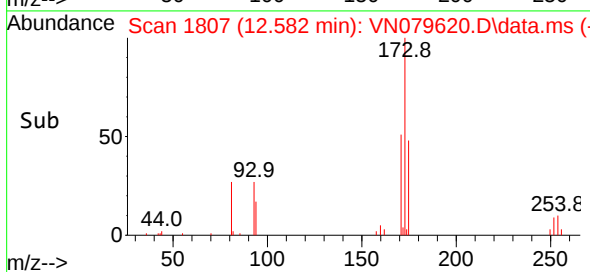
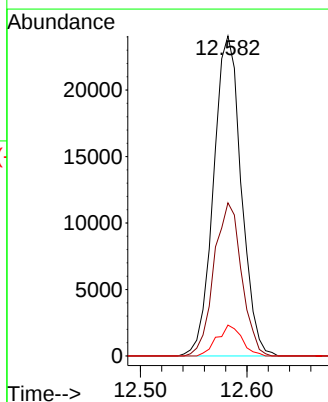
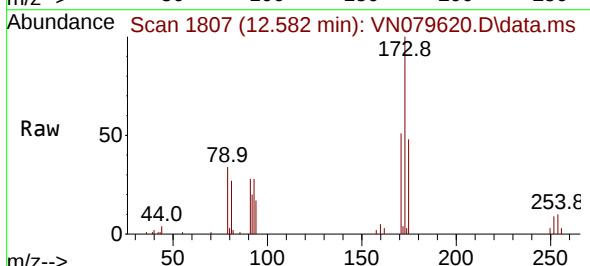
Reviewed By :John
Carlone
10/23/2023

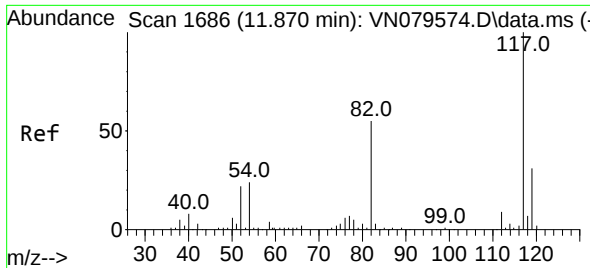
Supervised By :Semsetin
Yesilyurt
10/24/2023



#56
Bromoform
Concen: 19.822 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

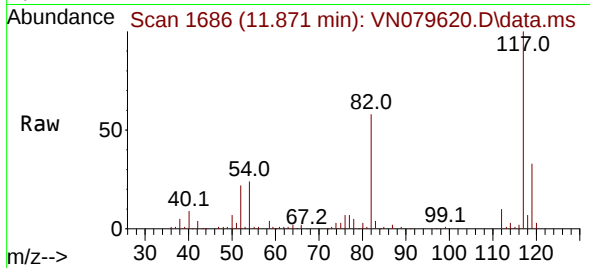
Tgt Ion:173 Resp: 43486
Ion Ratio Lower Upper
173 100
175 47.6 37.9 56.9
254 8.6 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

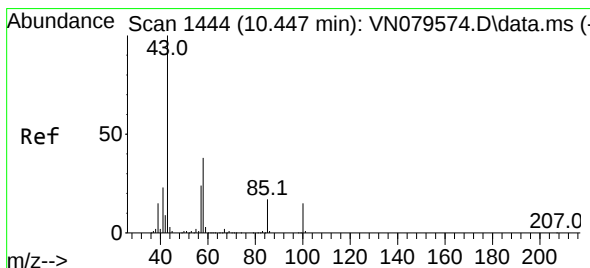
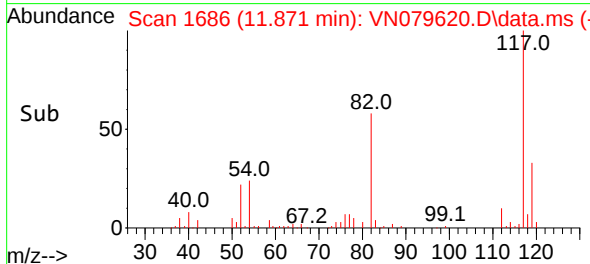
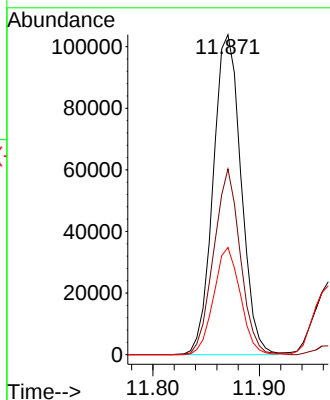


Tgt Ion: 117 Resp: 18921
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.2
119 32.0 25.2 37.8

Manual Integrations
APPROVED

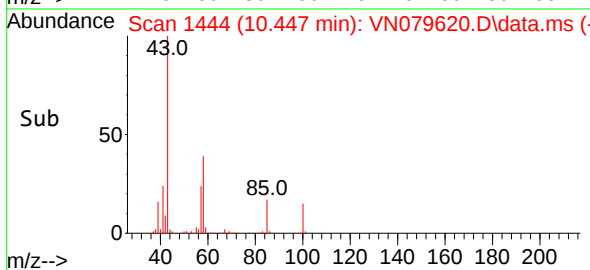
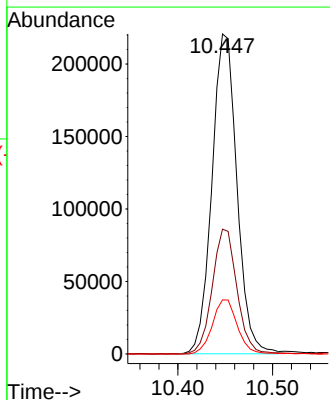
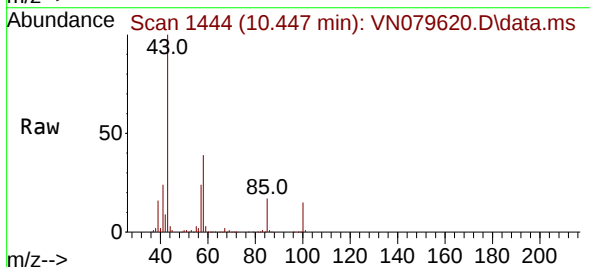
Reviewed By :John
Carlone
10/23/2023

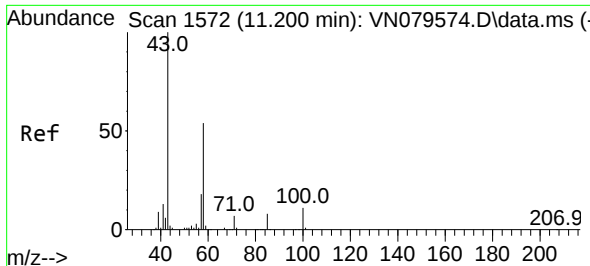
Supervised By :Semsettin
Yesilyurt
10/24/2023



#58
4-Methyl-2-Pentanone
Concen: 91.704 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

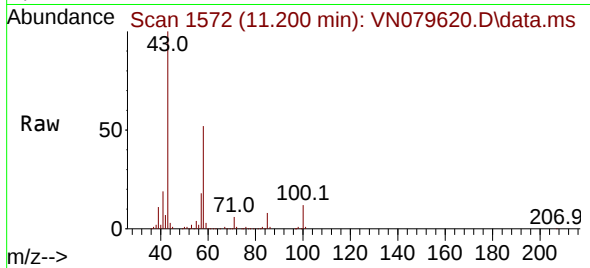
Tgt Ion: 43 Resp: 404719
Ion Ratio Lower Upper
43 100
58 38.6 30.4 45.6
85 16.9 13.2 19.8





#59
2-Hexanone
Concen: 88.784 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

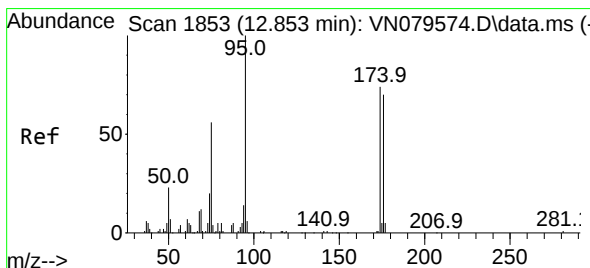
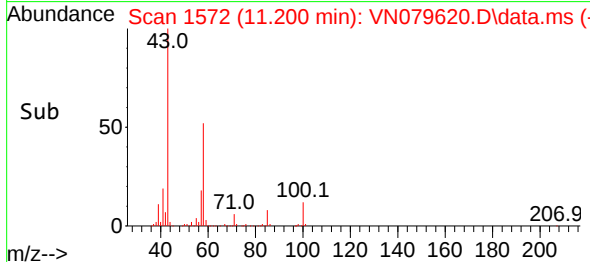
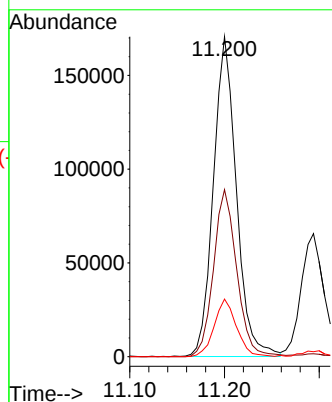


Tgt Ion: 43 Resp: 287463
Ion Ratio Lower Upper
43 100
58 52.8 42.3 63.5
57 17.5 13.9 20.9

Manual Integrations
APPROVED

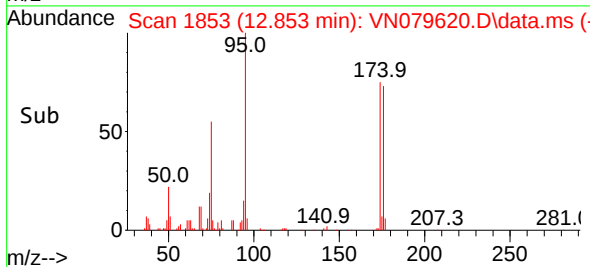
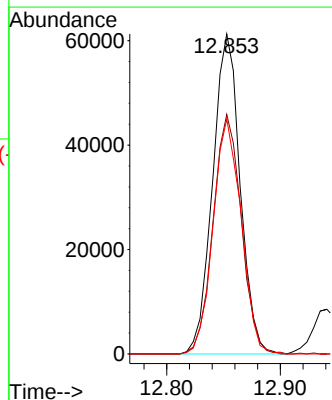
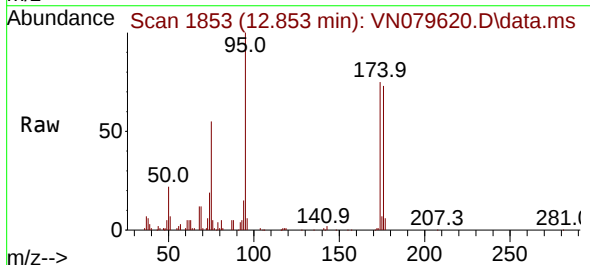
Reviewed By :John
Carlone
10/23/2023

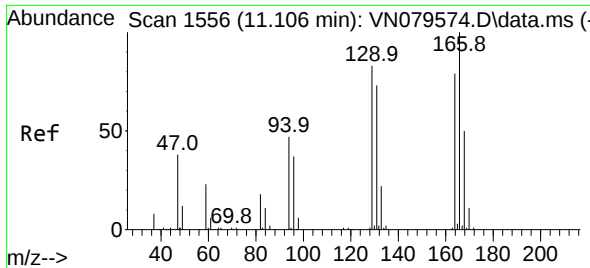
Supervised By :Semsettin
Yesilyurt
10/24/2023



#60
4-Bromofluorobenzene
Concen: 29.725 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

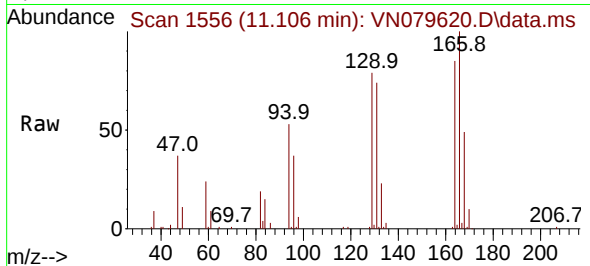
Tgt Ion: 95 Resp: 102855
Ion Ratio Lower Upper
95 100
174 76.9 60.5 90.7
176 75.0 57.2 85.8





#61
Tetrachloroethene
Concen: 19.823 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

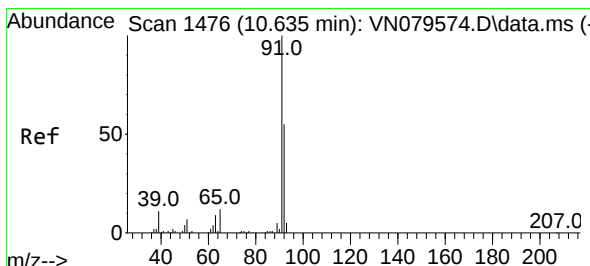
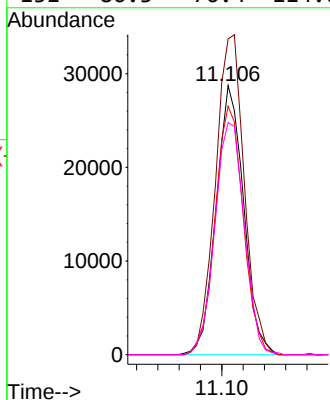


Tgt Ion:164 Resp: 51499
Ion Ratio Lower Upper
164 100
166 117.3 98.2 147.4
129 92.3 75.0 112.4
131 86.3 76.4 114.6

Manual Integrations
APPROVED

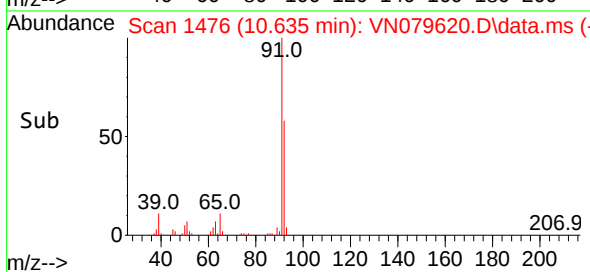
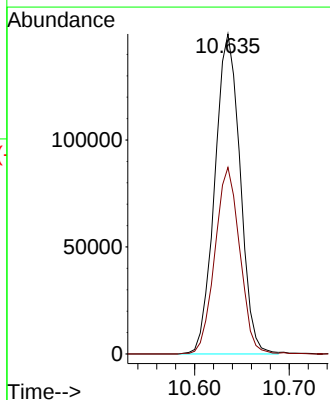
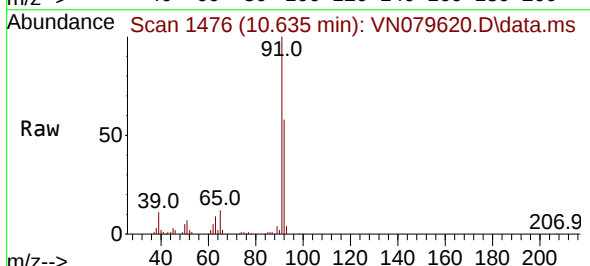
Reviewed By :John
Carlone
10/23/2023

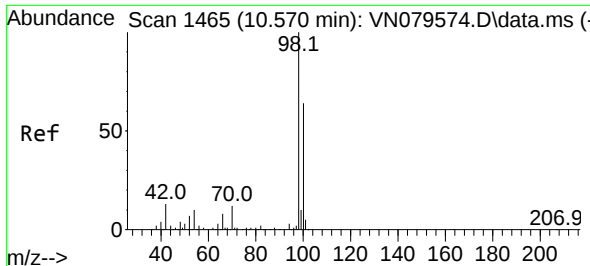
Supervised By :Semsettin
Yesilyurt
10/24/2023



#62
Toluene
Concen: 19.237 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

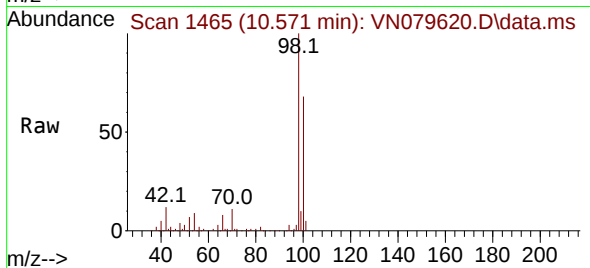
Tgt Ion: 91 Resp: 278181
Ion Ratio Lower Upper
91 100
92 57.2 45.3 67.9





#63
Toluene-d8
Concen: 30.067 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

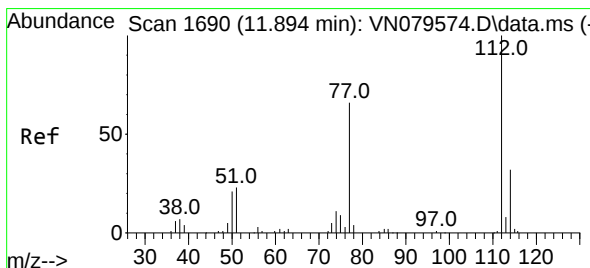
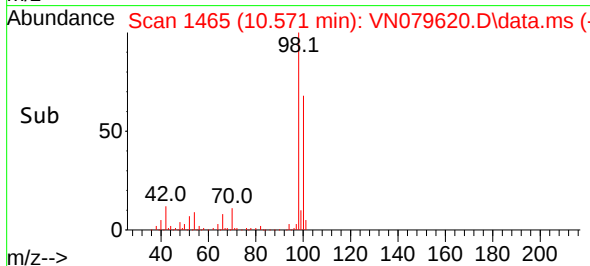
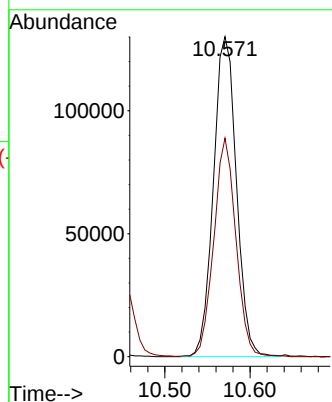


Tgt Ion: 98 Resp: 24378
Ion Ratio Lower Upper
98 100
100 65.6 51.6 77.4

Manual Integrations
APPROVED

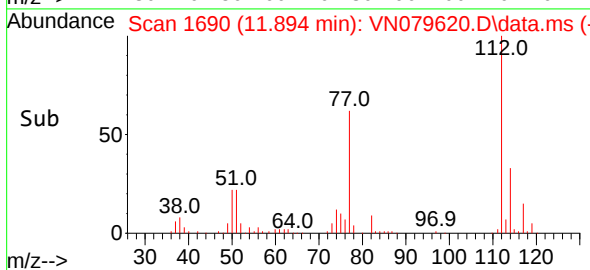
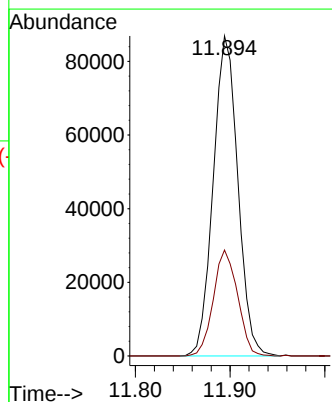
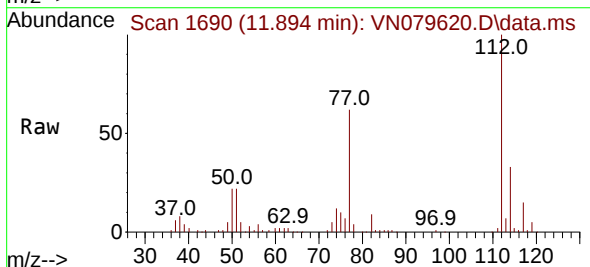
Reviewed By :John
Carlone
10/23/2023

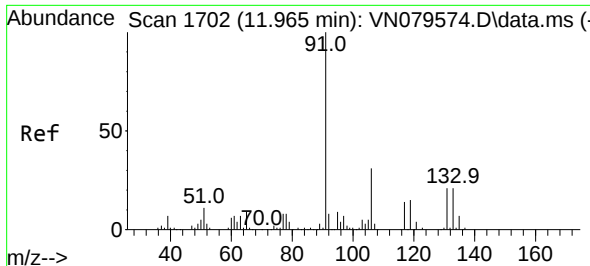
Supervised By :Semsettin
Yesilyurt
10/24/2023



#64
Chlorobenzene
Concen: 18.717 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

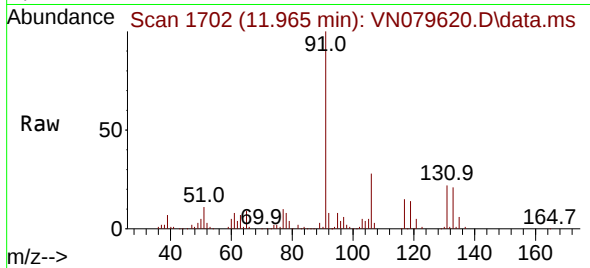
Tgt Ion:112 Resp: 156982
Ion Ratio Lower Upper
112 100
114 33.1 28.1 42.1





#65
1,1,1,2-Tetrachloroethane
Concen: 19.455 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

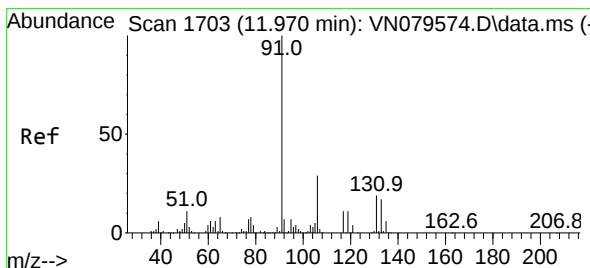
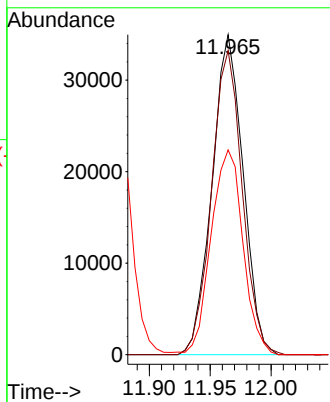
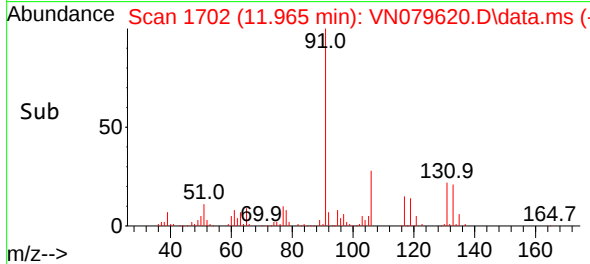


Tgt Ion:131 Resp: 62150
Ion Ratio Lower Upper
131 100
133 93.6 0.0 196.0
119 65.4 0.0 135.6

Manual Integrations
APPROVED

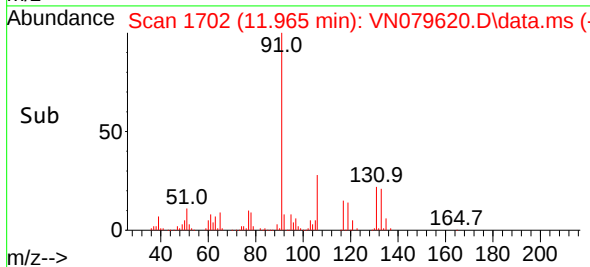
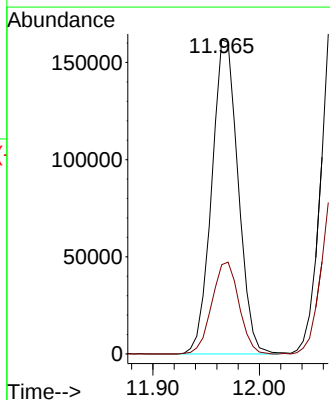
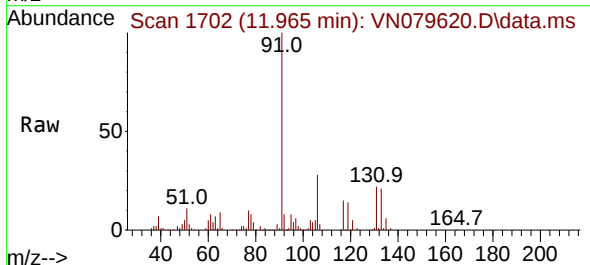
Reviewed By :John
Carlone
10/23/2023

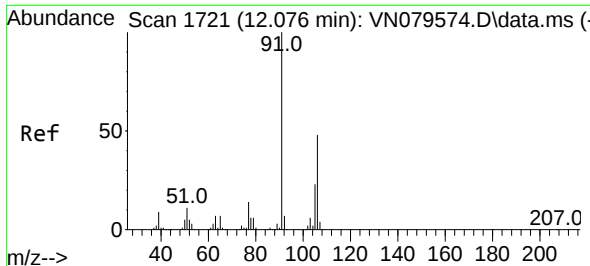
Supervised By :Semsettin
Yesilyurt
10/24/2023



#66
Ethyl Benzene
Concen: 18.669 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

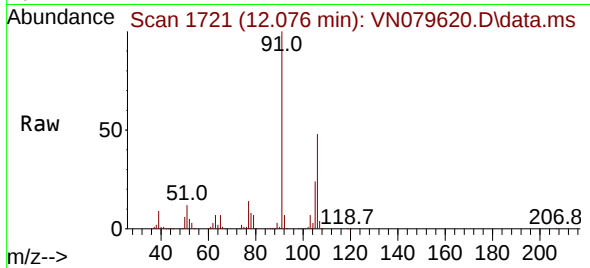
Tgt Ion: 91 Resp: 278165
Ion Ratio Lower Upper
91 100
106 28.4 23.8 35.8





#67
m/p-Xylenes
Concen: 38.684 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

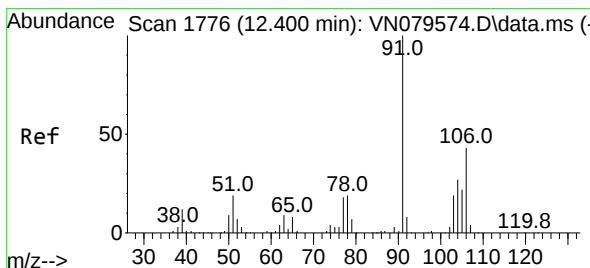
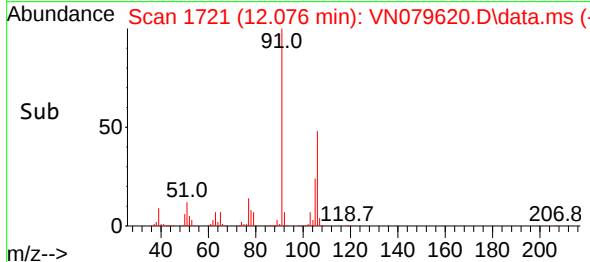
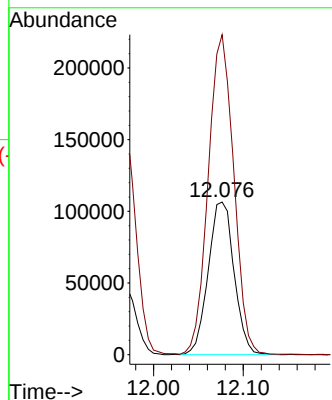


Tgt Ion:106 Resp: 213180
Ion Ratio Lower Upper
106 100
91 206.9 161.8 242.6

Manual Integrations
APPROVED

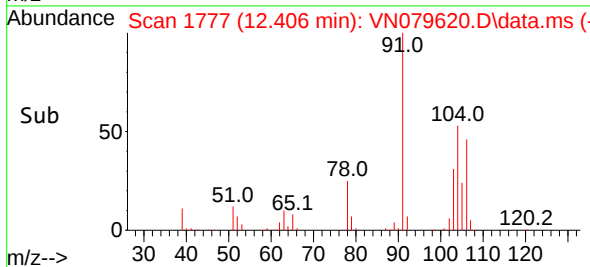
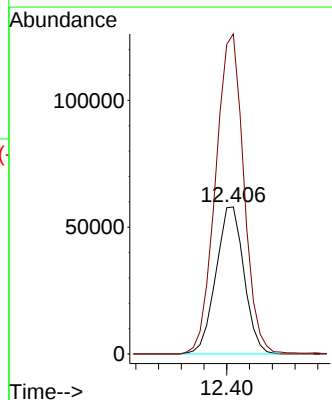
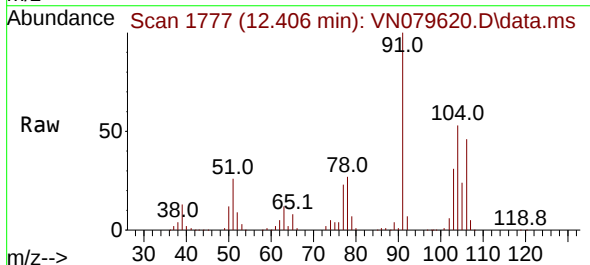
Reviewed By :John
Carlone
10/23/2023

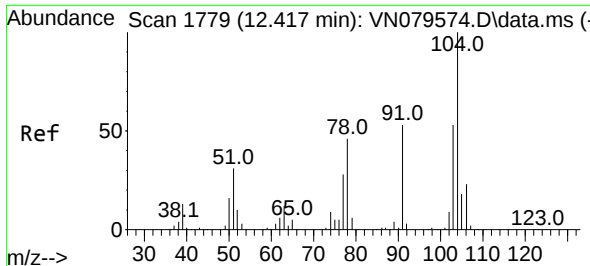
Supervised By :Semsettin
Yesilyurt
10/24/2023



#68
o-Xylene
Concen: 18.929 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

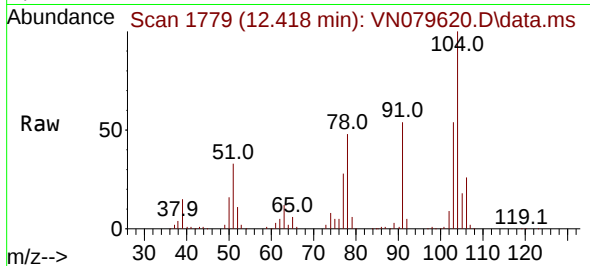
Tgt Ion:106 Resp: 99723
Ion Ratio Lower Upper
106 100
91 218.8 109.9 329.7





#69
Styrene
Concen: 19.524 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

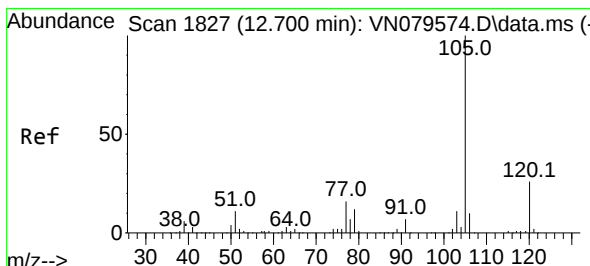
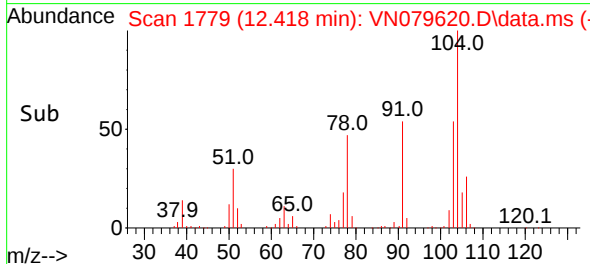
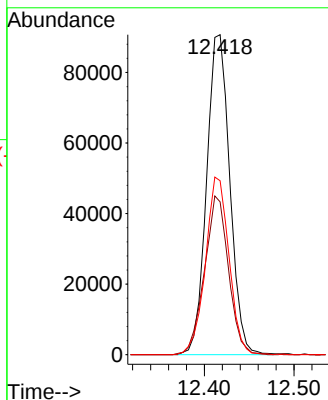


Tgt Ion:104 Resp: 163289
Ion Ratio Lower Upper
104 100
78 51.1 41.2 61.8
103 56.2 43.1 64.7

Manual Integrations
APPROVED

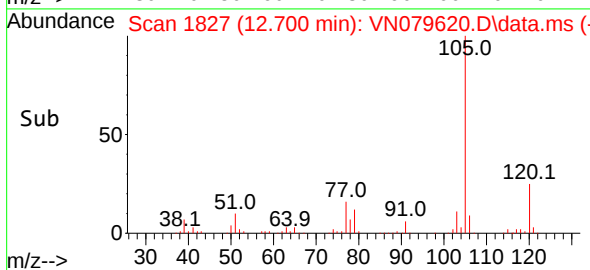
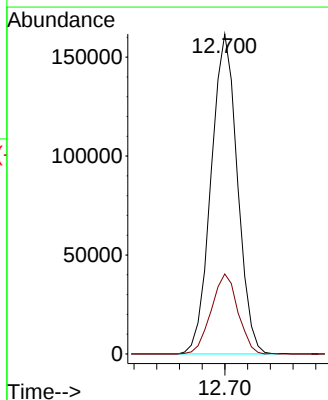
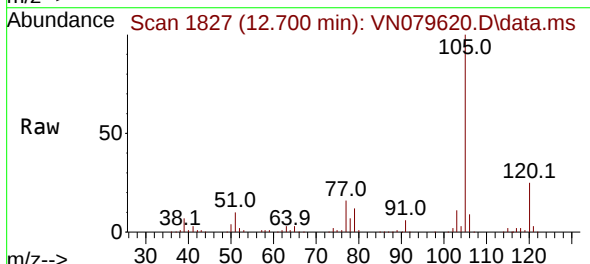
Reviewed By :John
Carlone
10/23/2023

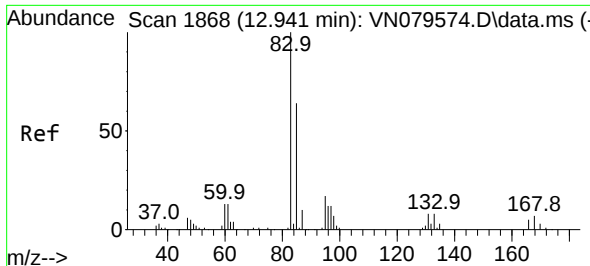
Supervised By :Semsettin
Yesilyurt
10/24/2023



#70
Isopropylbenzene
Concen: 19.255 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

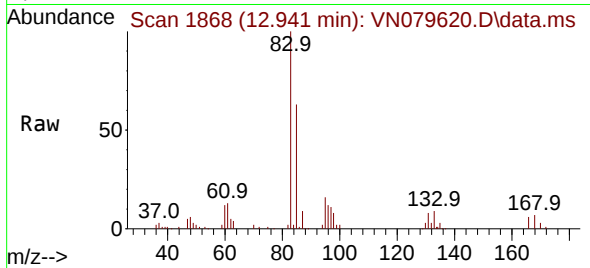
Tgt Ion:105 Resp: 260323
Ion Ratio Lower Upper
105 100
120 25.3 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 18.893 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

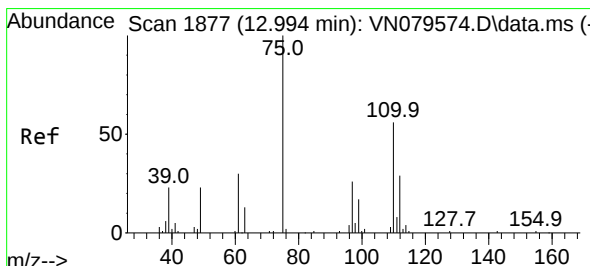
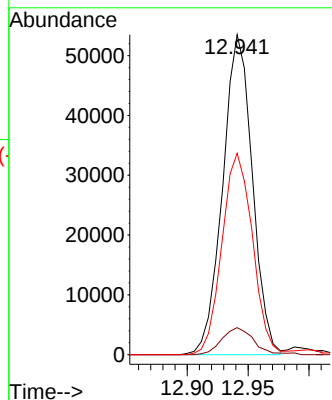
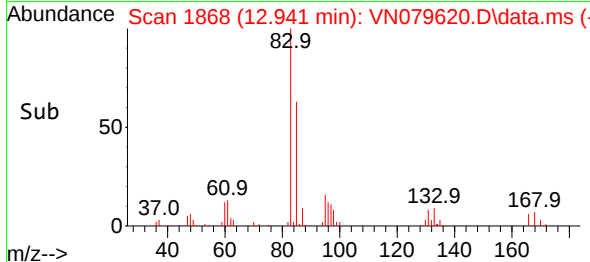


Tgt Ion: 83 Resp: 90823
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.4
85 64.6 32.1 96.3

Manual Integrations
APPROVED

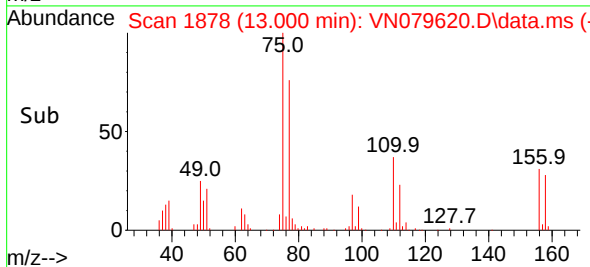
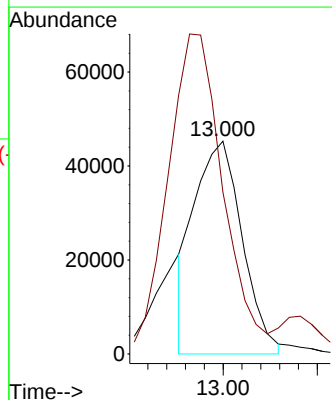
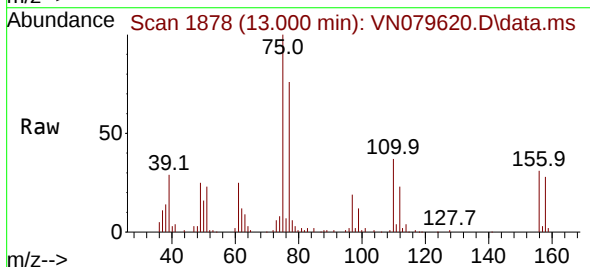
Reviewed By :John
Carlone
10/23/2023

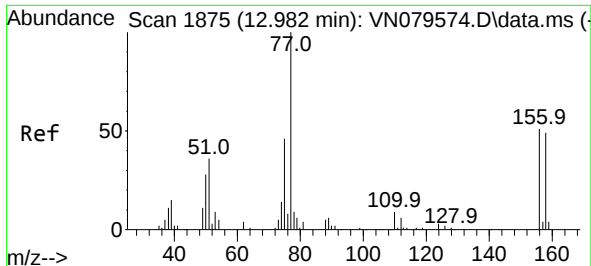
Supervised By :Semsettin
Yesilyurt
10/24/2023



#72
1,2,3-Trichloropropane
Concen: 18.381 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

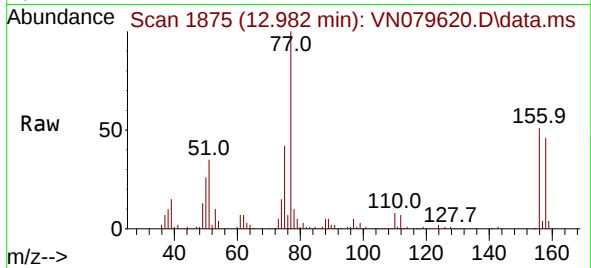
Tgt Ion: 75 Resp: 80243
Ion Ratio Lower Upper
75 100
77 172.6 0.0 338.2





#73
Bromobenzene
Concen: 19.009 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

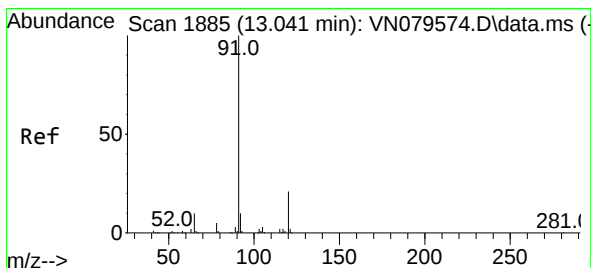
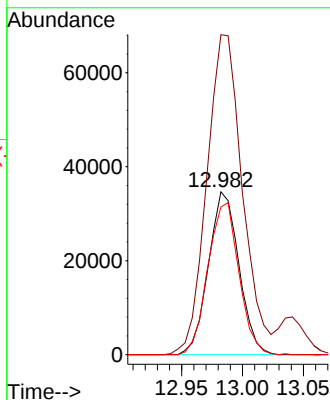
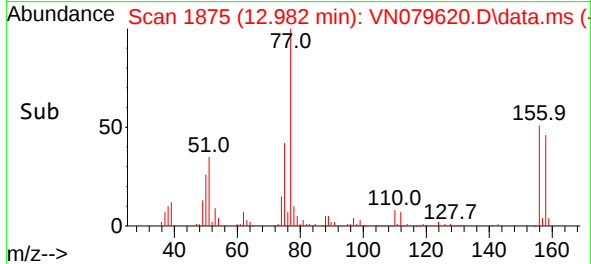


Tgt Ion:156 Resp: 6037
Ion Ratio Lower Upper
156 100
77 229.4 0.0 448.2
158 94.6 0.0 194.8

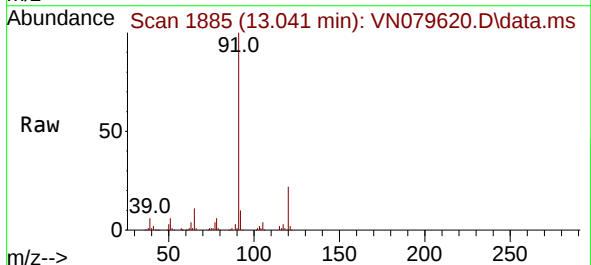
Manual Integrations
APPROVED

Reviewed By :John
Carlone
10/23/2023

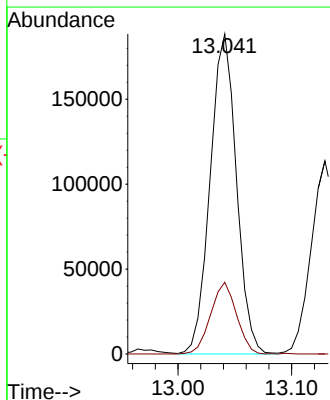
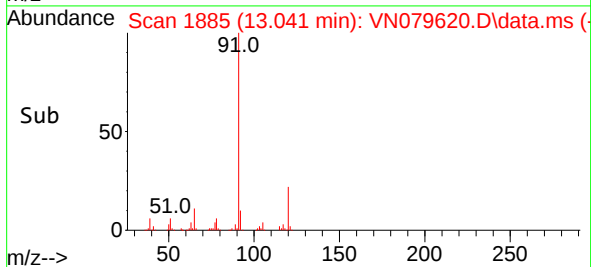
Supervised By :Semsettin
Yesilyurt
10/24/2023

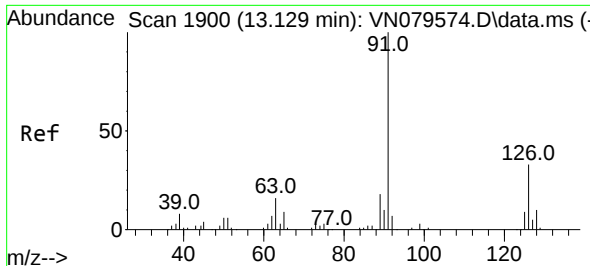


#74
n-propylbenzene
Concen: 19.254 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31



Tgt Ion: 91 Resp: 303064
Ion Ratio Lower Upper
91 100
120 21.9 0.0 42.0





#75
2-Chlorotoluene
Concen: 19.247 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

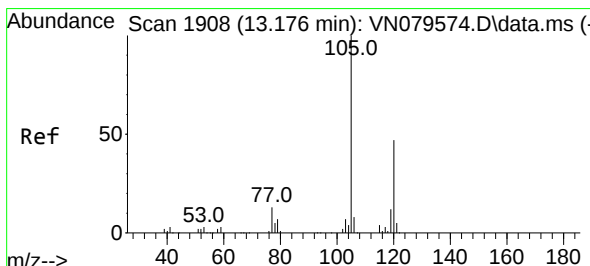
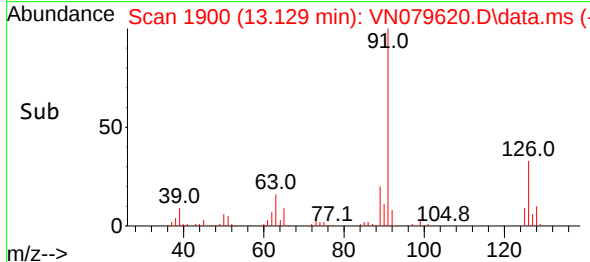
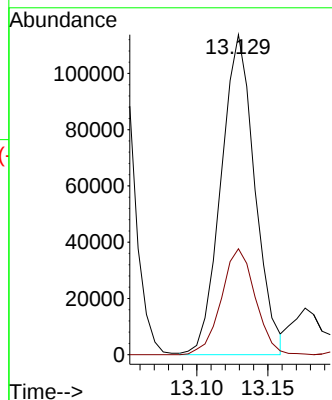
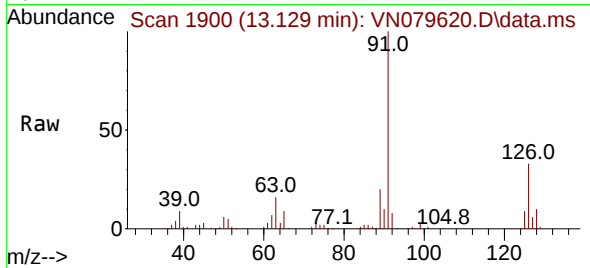
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

Tgt Ion: 91 Resp: 18834
Ion Ratio Lower Upper
91 100
126 33.2 0.0 64.6

Manual Integrations
APPROVED

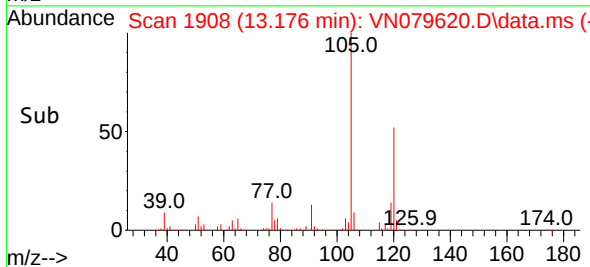
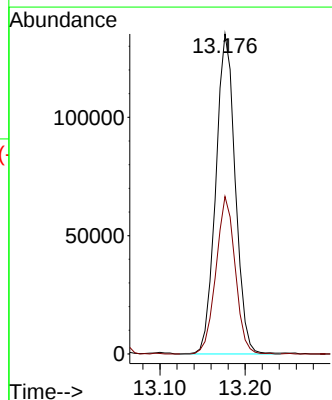
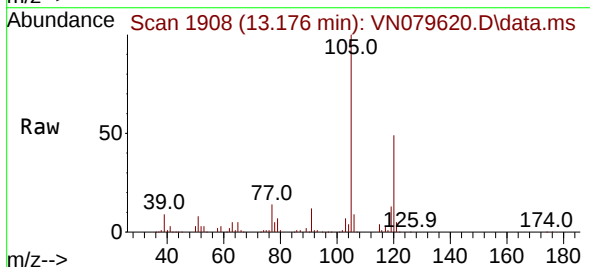
Reviewed By :John
Carlone
10/23/2023

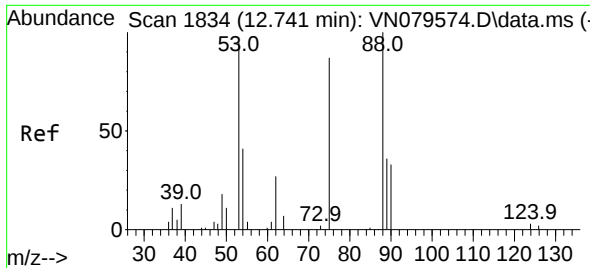
Supervised By :Semsettin
Yesilyurt
10/24/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.433 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

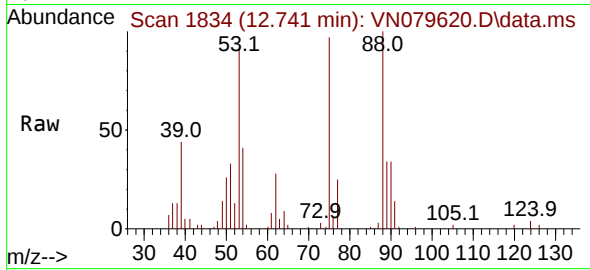
Tgt Ion:105 Resp: 214778
Ion Ratio Lower Upper
105 100
120 48.4 0.0 93.2





#77
t-1,4-Dichloro-2-butene
Concen: 18.744 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

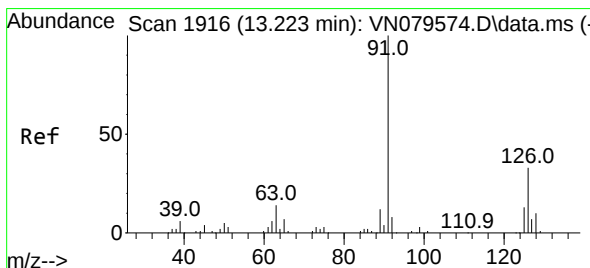
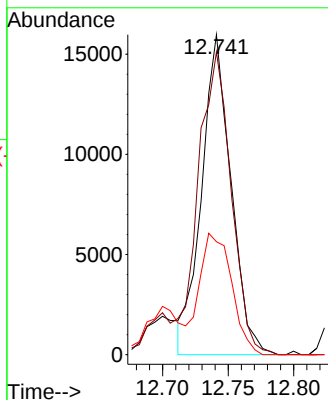
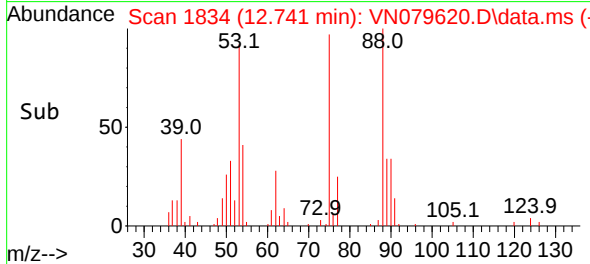


Tgt Ion: 75 Resp: 24975
Ion Ratio Lower Upper
75 100
53 94.6 53.0 159.1
89 35.3 22.6 67.7

Manual Integrations
APPROVED

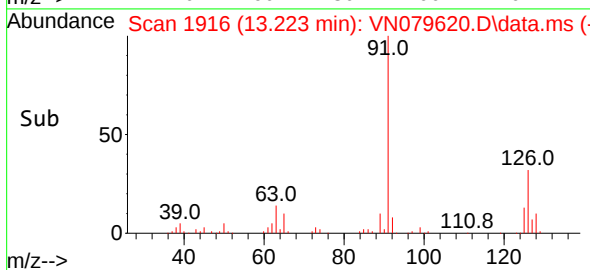
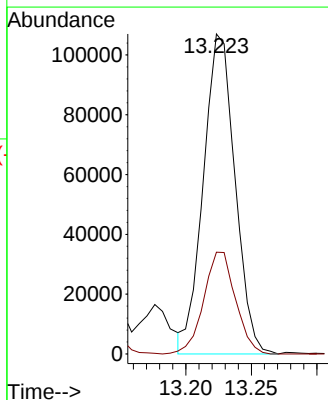
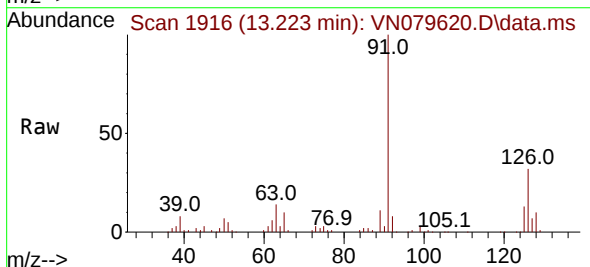
Reviewed By :John
Carlone
10/23/2023

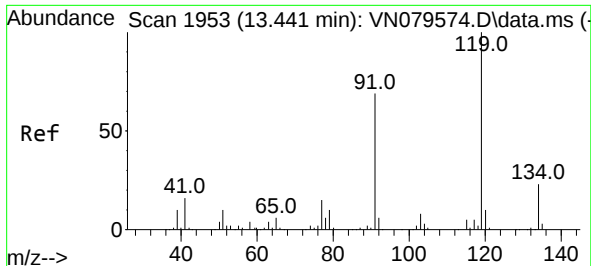
Supervised By :Semsetin
Yesilyurt
10/24/2023



#78
4-Chlorotoluene
Concen: 19.435 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

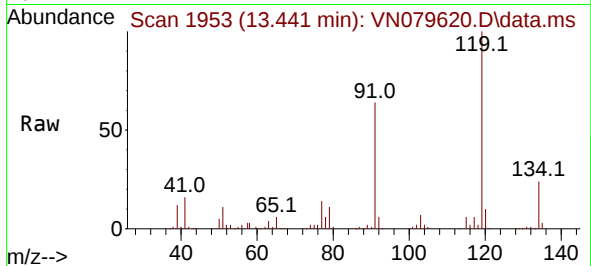
Tgt Ion: 91 Resp: 179685
Ion Ratio Lower Upper
91 100
126 31.9 0.0 65.4





#79
tert-butylbenzene
Concen: 19.286 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

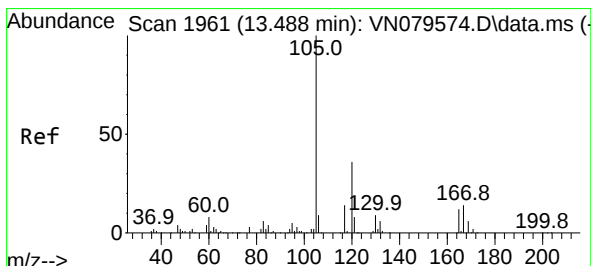
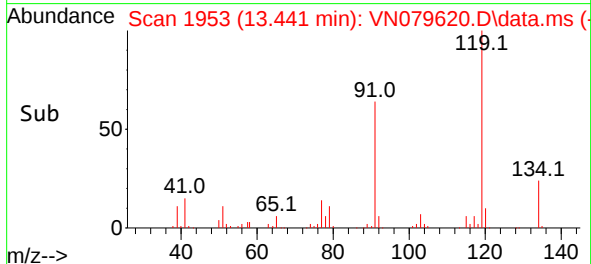
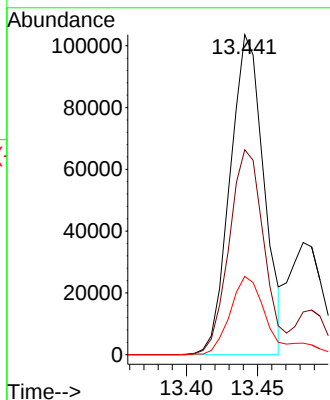


Tgt Ion:119 Resp: 171379
Ion Ratio Lower Upper
119 100
91 66.4 0.0 140.6
134 24.8 0.0 49.8

Manual Integrations
APPROVED

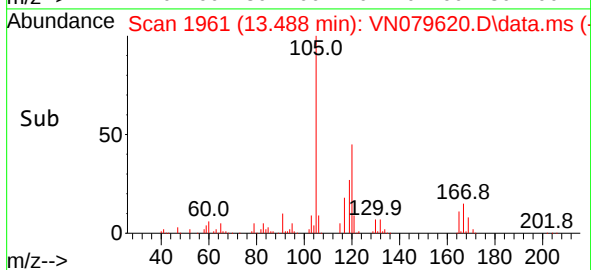
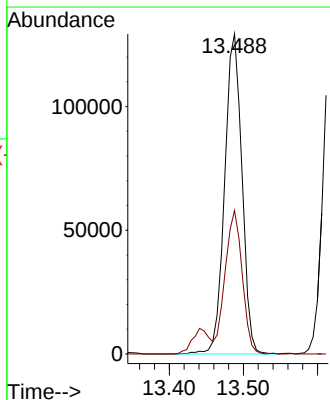
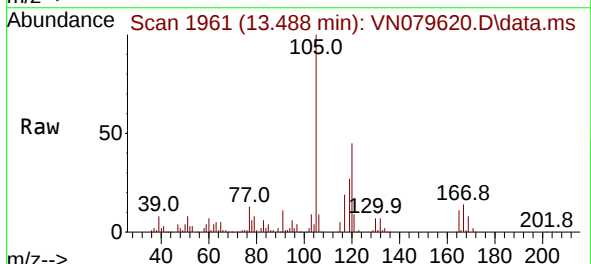
Reviewed By :John
Carlone
10/23/2023

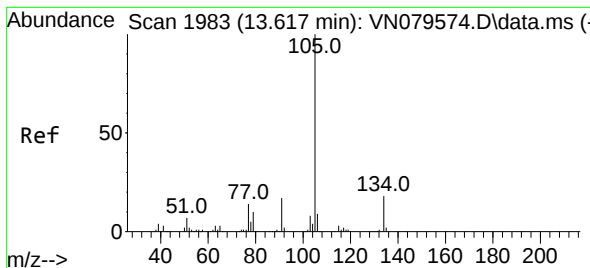
Supervised By :Semsettin
Yesilyurt
10/24/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.565 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Tgt Ion:105 Resp: 209525
Ion Ratio Lower Upper
105 100
120 44.3 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 19.284 ug/l
 RT: 13.623 min Scan# 1983
 Delta R.T. 0.006 min
 Lab File: VN079620.D
 Acq: 20 Oct 2023 11:31

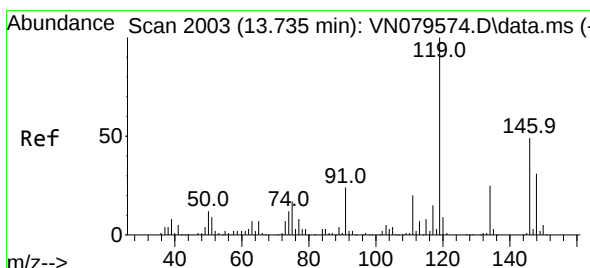
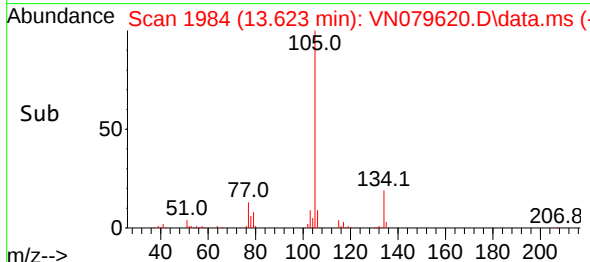
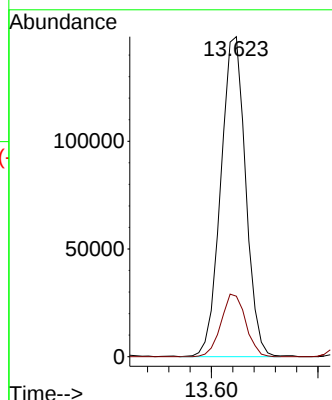
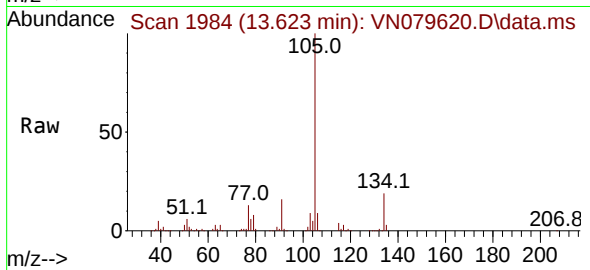
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBS01

Tgt Ion:105 Resp: 24056
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.2

Manual Integrations
 APPROVED

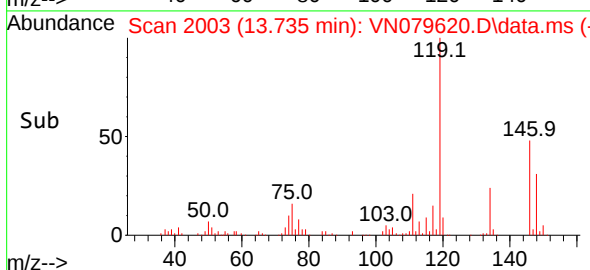
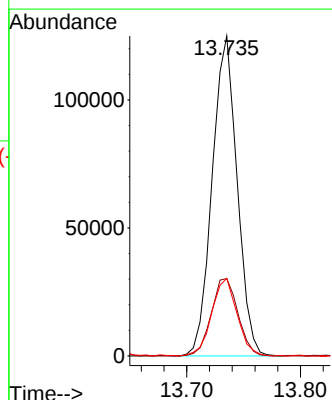
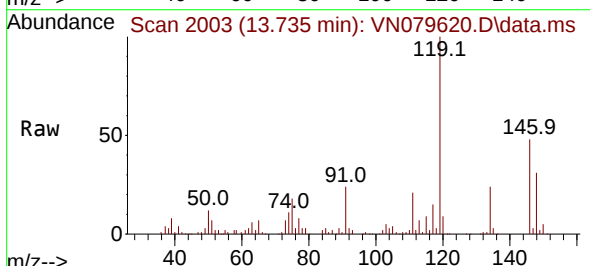
Reviewed By :John
 Carlone
 10/23/2023

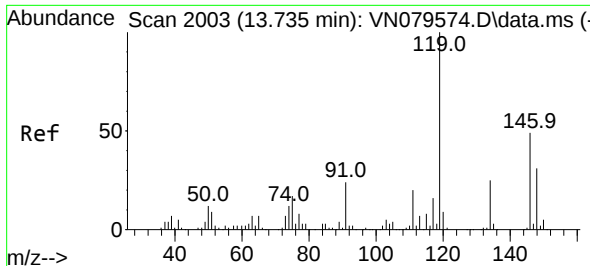
Supervised By :Semsettin
 Yesilyurt
 10/24/2023



#82
 p-Isopropyltoluene
 Concen: 19.276 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079620.D
 Acq: 20 Oct 2023 11:31

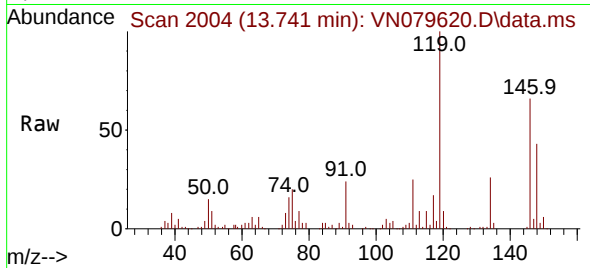
Tgt Ion:119 Resp: 190749
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.2
 91 24.7 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 19.840 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

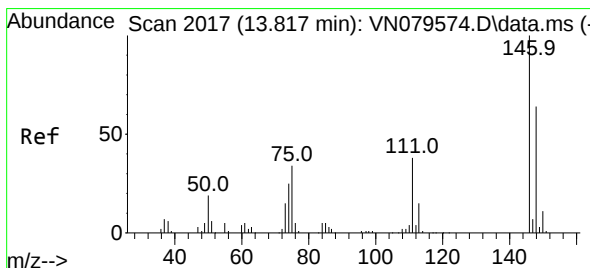
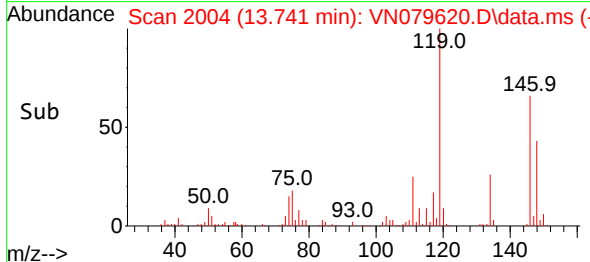
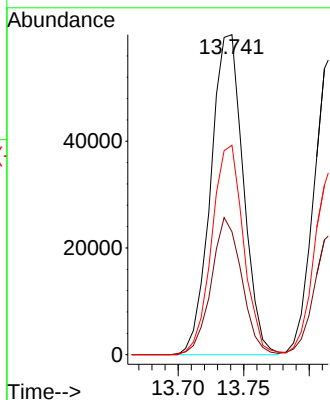


Tgt Ion:146 Resp: 103610
Ion Ratio Lower Upper
146 100
111 40.2 21.0 63.0
148 63.9 32.4 97.0

Manual Integrations
APPROVED

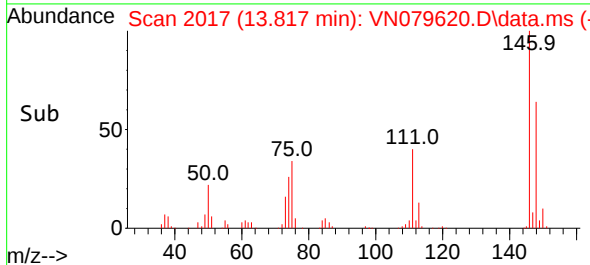
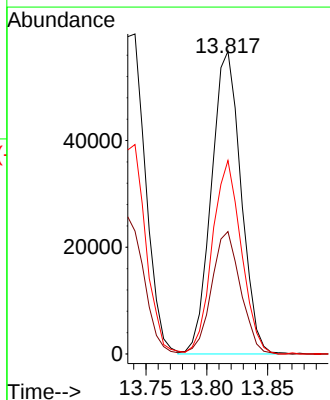
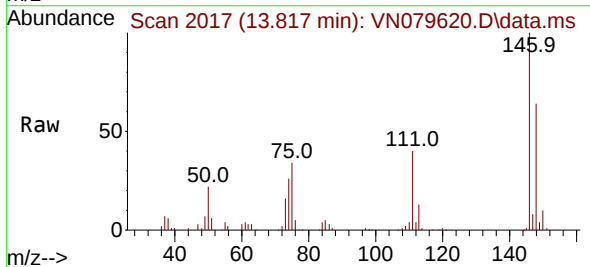
Reviewed By :John
Carlone
10/23/2023

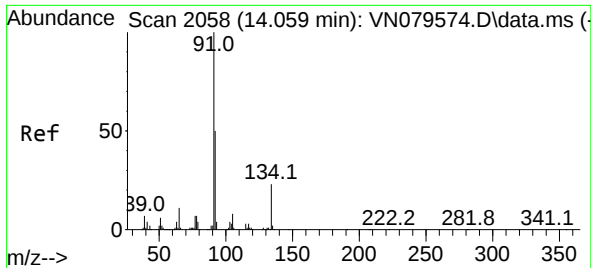
Supervised By :Semsettin
Yesilyurt
10/24/2023



#84
1,4-Dichlorobenzene
Concen: 19.177 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

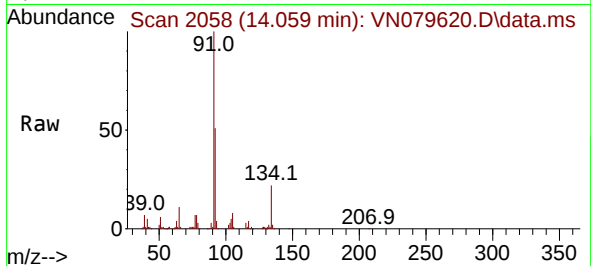
Tgt Ion:146 Resp: 96012
Ion Ratio Lower Upper
146 100
111 39.7 19.9 59.7
148 62.6 32.6 97.7





#85
n-Butylbenzene
Concen: 18.402 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

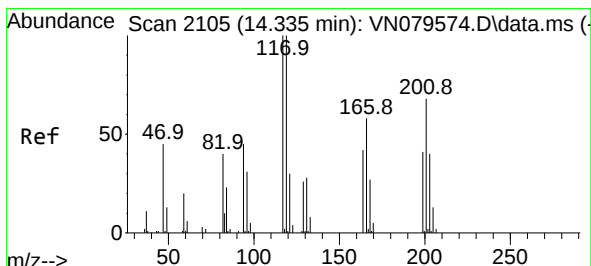
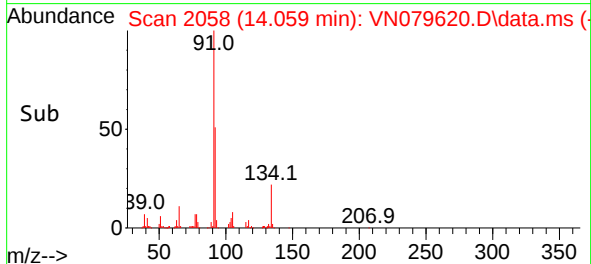
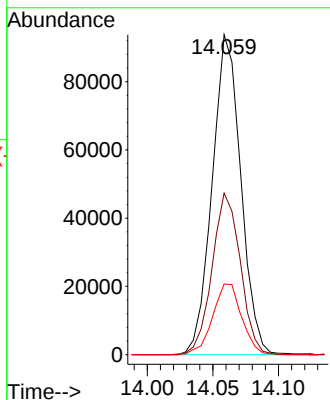


Tgt Ion: 91 Resp: 142280
Ion Ratio Lower Upper
91 100
92 49.8 0.0 99.6
134 22.5 0.0 46.2

Manual Integrations
APPROVED

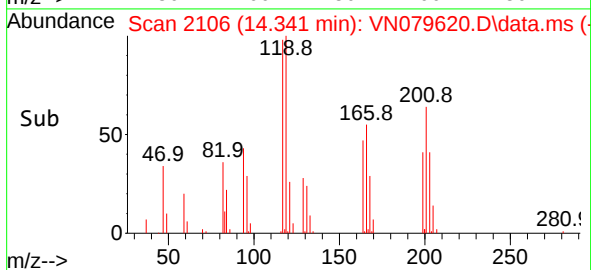
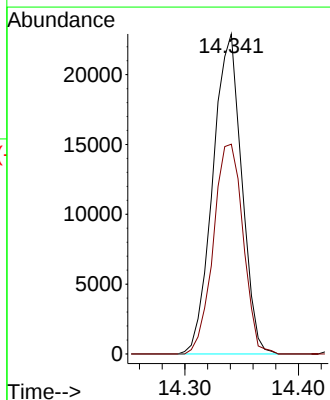
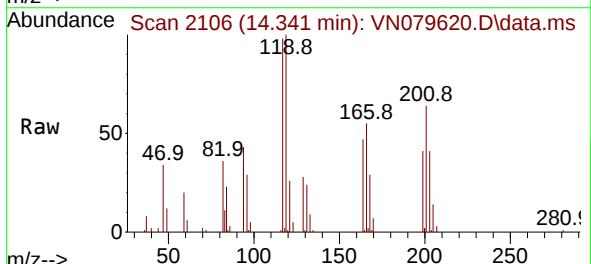
Reviewed By :John
Carlone
10/23/2023

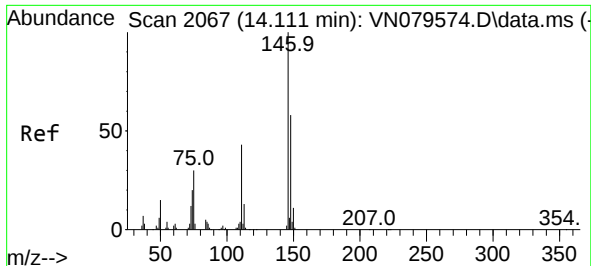
Supervised By :Semsettin
Yesilyurt
10/24/2023



#86
Hexachloroethane
Concen: 18.885 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Tgt Ion:117 Resp: 40401
Ion Ratio Lower Upper
117 100
201 67.2 32.5 97.5





#87

1,2-Dichlorobenzene

Concen: 19.015 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079620.D

Acq: 20 Oct 2023 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBS01

Tgt Ion:	146	Resp:	9870
Ion Ratio	Lower	Upper	
146	100		
111	42.3	22.0	66.0
148	65.9	31.1	93.5

Manual Integrations

APPROVED

Reviewed By :John

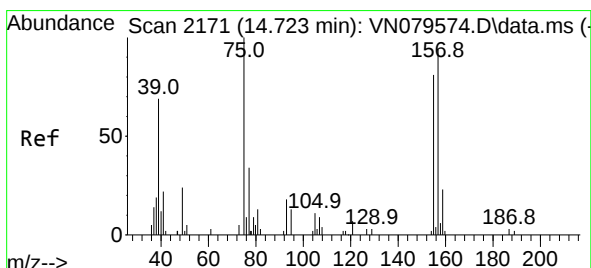
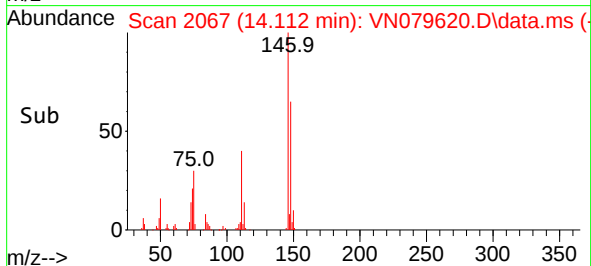
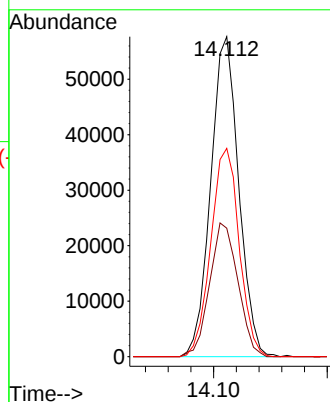
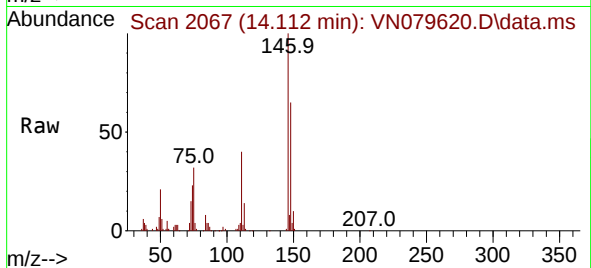
Carlone

10/23/2023

Supervised By :Semsettin

Yesilyurt

10/24/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.458 ug/l

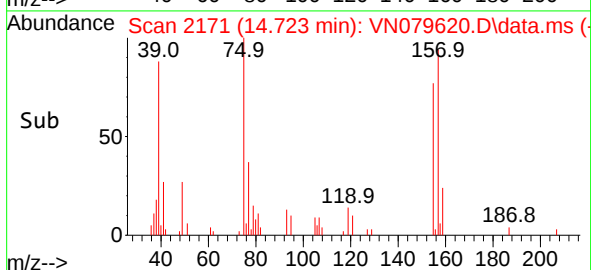
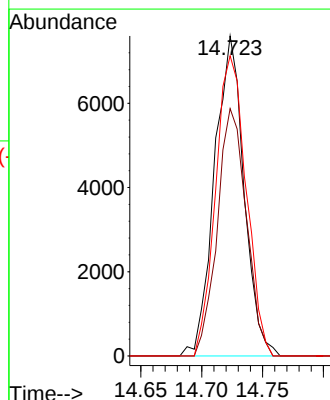
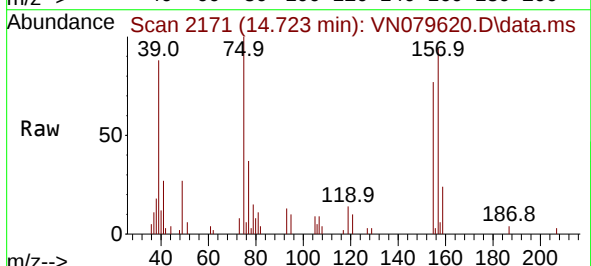
RT: 14.723 min Scan# 2171

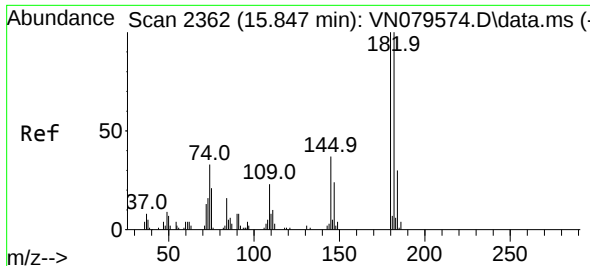
Delta R.T. 0.000 min

Lab File: VN079620.D

Acq: 20 Oct 2023 11:31

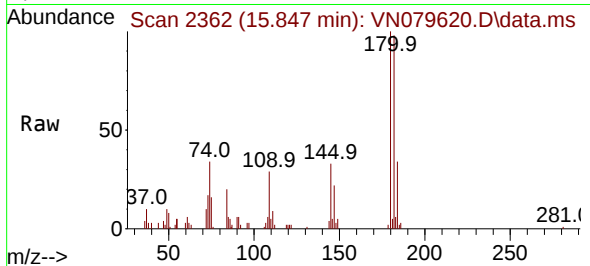
Tgt Ion:	75	Resp:	12788
Ion Ratio	Lower	Upper	
75	100		
155	76.2	60.7	91.1
157	97.3	76.8	115.2





#89
1,2,4-Trichlorobenzene
Concen: 15.255 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

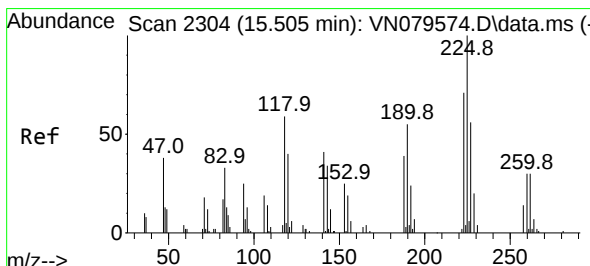
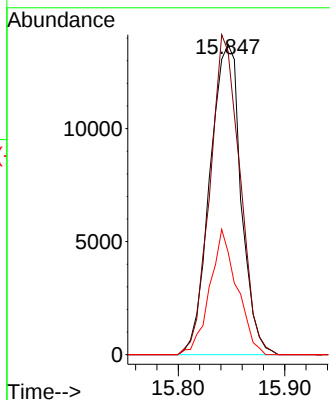
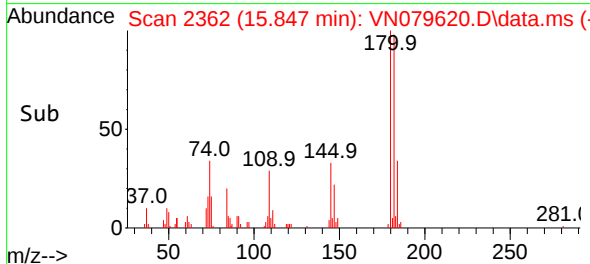


Tgt Ion:180 Resp: 27912
Ion Ratio Lower Upper
180 100
182 98.9 74.2 111.4
145 35.3 25.4 38.2

Manual Integrations
APPROVED

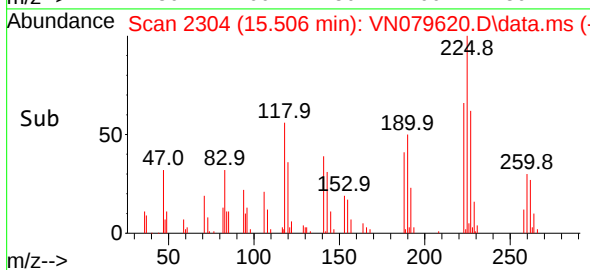
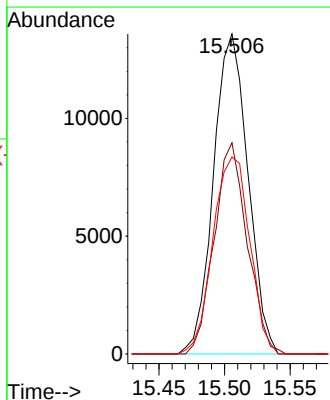
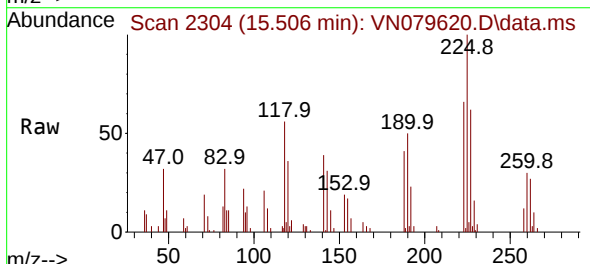
Reviewed By :John
Carlone
10/23/2023

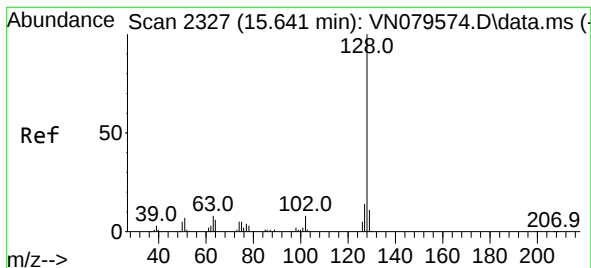
Supervised By :Semsettin
Yesilyurt
10/24/2023



#90
Hexachlorobutadiene
Concen: 19.141 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

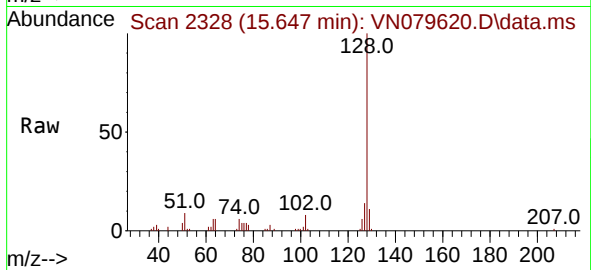
Tgt Ion:225 Resp: 24807
Ion Ratio Lower Upper
225 100
223 63.4 0.0 126.0
227 65.9 0.0 127.0





#91
Naphthalene
Concen: 12.258 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

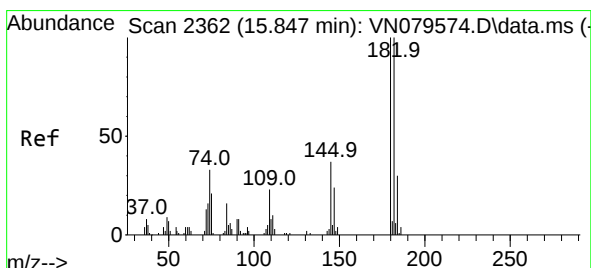
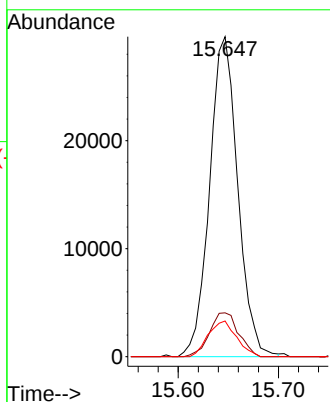
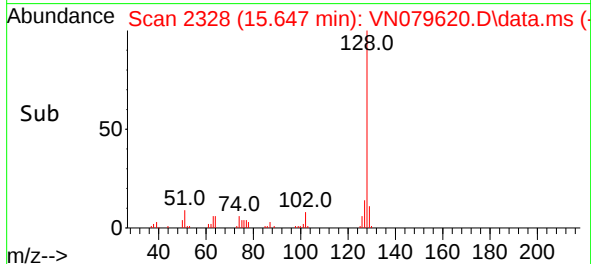


Tgt Ion:128 Resp: 57852
Ion Ratio Lower Upper
128 100
127 14.2 10.9 16.3
129 11.2 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone
10/23/2023

Supervised By :Semsettin
Yesilyurt
10/24/2023



#92
1,2,3-Trichlorobenzene
Concen: 15.255 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN079620.D
Acq: 20 Oct 2023 11:31

Tgt Ion:180 Resp: 27912
Ion Ratio Lower Upper
180 100
182 98.9 0.0 185.6
145 35.3 0.0 63.6

