

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN079997.D
 Acq On : 08 Nov 2023 17:57
 Operator : JC\MD
 Sample : VN1108WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2023
 Supervised By : Semsettin Yesilyurt 11/09/2023

Quant Time: Nov 09 04:27:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	78810	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	440237	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	402994	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	202888	30.668	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.233%			
60) 4-Bromofluorobenzene	12.853	95	192499	29.870	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.567%			
63) Toluene-d8	10.571	98	580658	30.409	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.367%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	100924	19.640	ug/l	96
3) Chloromethane	2.359	50	132938	20.536	ug/l	98
4) Vinyl Chloride	2.512	62	124305	22.979	ug/l	98
5) Bromomethane	2.954	94	58485	19.746	ug/l	93
6) Chloroethane	3.118	64	66369	21.123	ug/l	97
7) Trichlorofluoromethane	3.495	101	161505	19.893	ug/l	98
8) Diethyl Ether	3.959	74	56675	19.446	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	89612	19.537	ug/l	96
10) 1,1-Dichloroethene	4.342	96	87029	21.448	ug/l	90
11) Methyl Iodide	4.595	142	108608	20.237	ug/l	96
12) Methyl Acetate	5.024	43	204778	19.466	ug/l	94
13) Acrolein	4.189	56	86855	97.721	ug/l	98
14) Acrylonitrile	5.718	53	248922	99.623	ug/l	99
15) Acetone	4.424	58	70934	84.076	ug/l	84
16) Carbon Disulfide	4.712	76	252477	18.222	ug/l	98
17) Allyl chloride	5.024	41	134420	18.959	ug/l	97
18) Methylene Chloride	5.277	84	106582	19.587	ug/l	95
19) trans-1,2-Dichloroethene	5.795	96	98732	19.631	ug/l	94
20) Diisopropyl ether	6.677	45	328694	19.838	ug/l	97
21) 1,1-Dichloroethane	6.571	63	193861	19.601	ug/l #	94
22) cis-1,2-Dichloroethene	7.494	96	111795	19.154	ug/l	98
23) tert-Butyl Alcohol	5.524	59	74537	110.518	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	290039	19.413	ug/l	99
25) Chloroform	7.965	83	196877	19.284	ug/l	99
26) Cyclohexane	8.259	56	150237	19.309	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	145588	19.269	ug/l	100
30) 2-Butanone	7.489	43	343801	95.279	ug/l	100
31) 2,2-Dichloropropane	7.494	77	155850	19.085	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	169616	19.664	ug/l	100
33) Carbon Tetrachloride	8.365	117	146340	19.302	ug/l	95
34) Benzene	8.606	78	436234	19.436	ug/l	97
35) Methacrylonitrile	7.783	41	71089	18.791	ug/l	95
36) 1,2-Dichloroethane	8.671	62	156395	19.254	ug/l	100
37) Trichloroethene	9.359	130	103464	19.168	ug/l	95
38) Methylcyclohexane	9.606	83	131732	18.568	ug/l	99
39) 1,2-Dichloropropane	9.624	63	113535	19.111	ug/l	98
40) Dibromomethane	9.712	93	73546	19.153	ug/l	98
41) Bromodichloromethane	9.894	83	156575	19.687	ug/l	100
42) Vinyl Acetate	6.606	43	871508	97.236	ug/l	100

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 ALS Vial : 16 Sample Multiplier: 1

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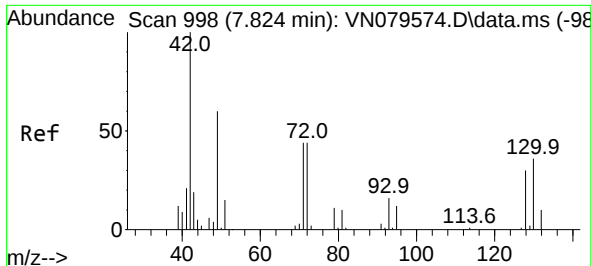
Manual Integrations
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	139064	20.516	ug/l	97
44) Isopropyl Acetate	8.694	43	212810	19.268	ug/l	95
45) 1,4-Dioxane	9.700	88	35396	415.847	ug/l #	93
46) Methyl methacrylate	9.688	41	104375	19.659	ug/l	91
47) n-amyl Acetate	12.500	43	170309	19.196	ug/l	96
48) t-1,3-Dichloropropene	10.835	75	154330	19.001	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	174264	19.408	ug/l	93
50) 1,1,2-Trichloroethane	11.018	97	102968	19.657	ug/l	95
51) Ethyl methacrylate	10.877	69	144544	19.198	ug/l	97
52) 1,3-Dichloropropane	11.165	76	184349	19.685	ug/l	99
53) Dibromochloromethane	11.359	129	107027	19.099	ug/l	100
54) 1,2-Dibromoethane	11.471	107	100286	19.066	ug/l	95
55) 2-Chloroethyl vinyl ether	10.165	63	334557	96.613	ug/l	99
56) Bromoform	12.582	173	69636	18.964	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	683601	101.535	ug/l	98
59) 2-Hexanone	11.200	43	502271	97.933	ug/l	98
61) Tetrachloroethene	11.106	164	93892	19.873	ug/l	95
62) Toluene	10.635	91	455952	19.562	ug/l	99
64) Chlorobenzene	11.894	112	268344	19.292	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	100149	19.628	ug/l	96
66) Ethyl Benzene	11.965	91	472789	19.303	ug/l	100
67) m/p-Xylenes	12.076	106	357404	39.195	ug/l	94
68) o-Xylene	12.400	106	172817	19.773	ug/l	99
69) Styrene	12.412	104	283674	19.606	ug/l	99
70) Isopropylbenzene	12.700	105	421912	19.352	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	146708	19.757	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	133274m	19.317	ug/l	
73) Bromobenzene	12.982	156	102003	19.031	ug/l	94
74) n-propylbenzene	13.041	91	505671	19.389	ug/l	99
75) 2-Chlorotoluene	13.129	91	318901	19.237	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	355318	19.705	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	42688	18.895	ug/l	97
78) 4-Chlorotoluene	13.223	91	316513	19.224	ug/l	99
79) tert-butylbenzene	13.441	119	271795	19.246	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	349014	19.739	ug/l	98
81) sec-Butylbenzene	13.618	105	386644	19.396	ug/l	100
82) p-Isopropyltoluene	13.735	119	312279	19.289	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	184415	18.883	ug/l	99
84) 1,4-Dichlorobenzene	13.818	146	182719	19.061	ug/l	97
85) n-Butylbenzene	14.059	91	246137	18.178	ug/l	96
86) Hexachloroethane	14.335	117	59552	18.917	ug/l	94
87) 1,2-Dichlorobenzene	14.106	146	179646	19.254	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	26050	19.184	ug/l	98
89) 1,2,4-Trichlorobenzene	15.847	180	80431	18.607	ug/l	96
90) Hexachlorobutadiene	15.506	225	37526	17.615	ug/l	97
91) Naphthalene	15.647	128	243559	17.558	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	80431	18.607	ug/l	96

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



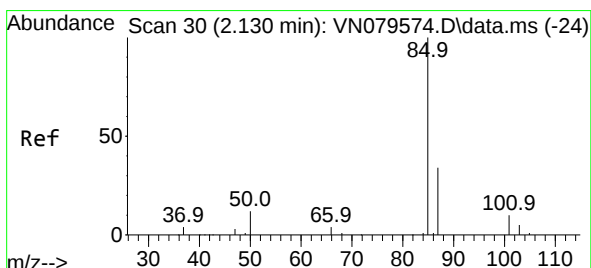
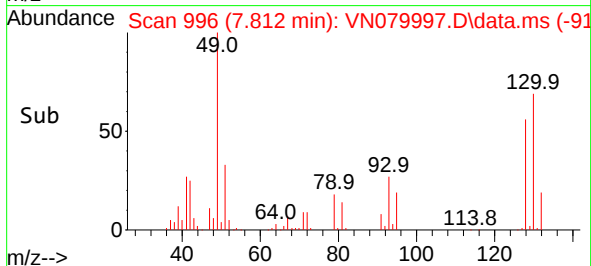
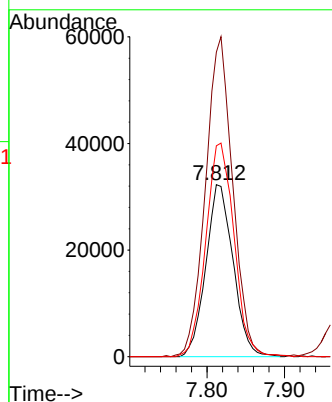
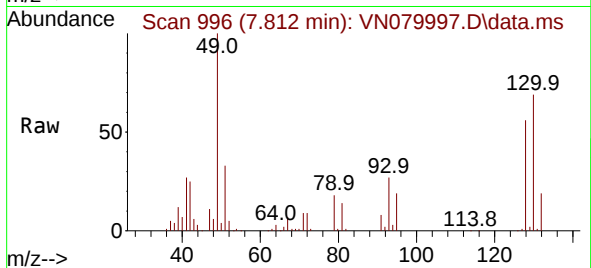
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Instrument :
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VN1108WBSD01

Tgt Ion:128 Resp: 78810
Ion Ratio Lower Upper
128 100
49 186.1 0.0 468.5
130 128.6 0.0 320.7

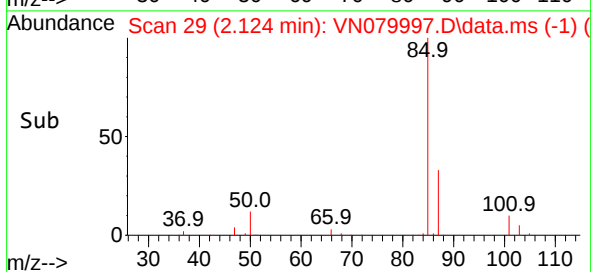
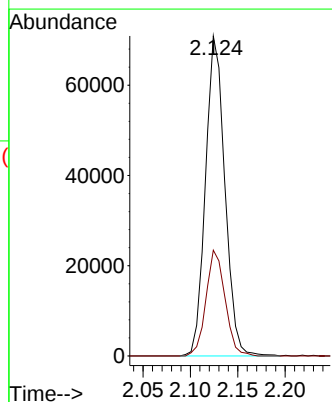
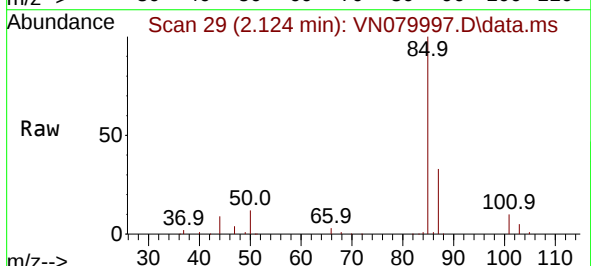
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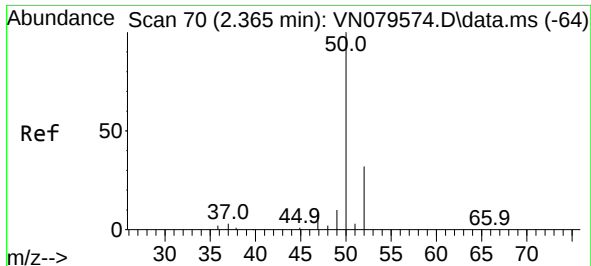
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#2
Dichlorodifluoromethane
Concen: 19.640 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Tgt Ion: 85 Resp: 100924
Ion Ratio Lower Upper
85 100
87 33.1 15.6 46.7





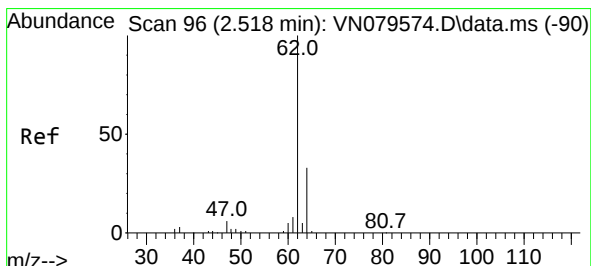
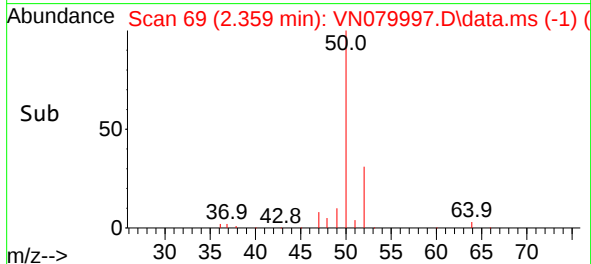
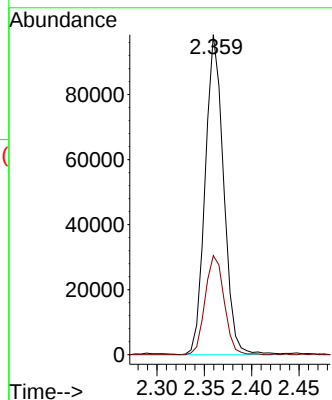
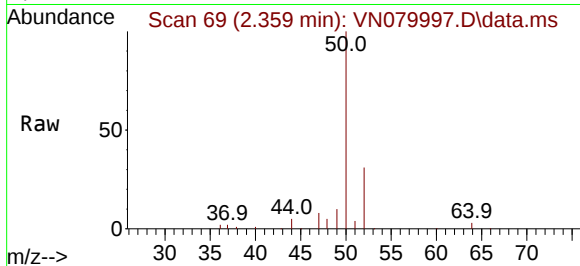
#3
Chloromethane
Concen: 20.536 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01

Tgt Ion: 50 Resp: 132938
Ion Ratio Lower Upper
50 100
52 31.0 25.6 38.4

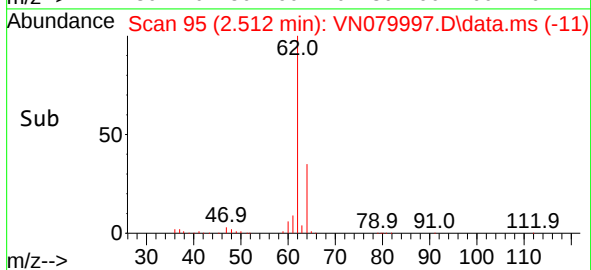
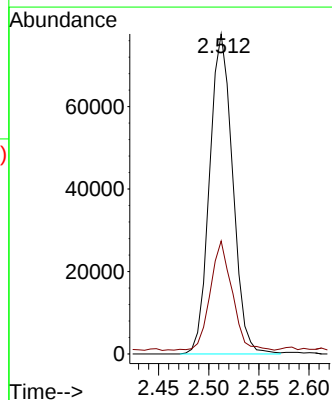
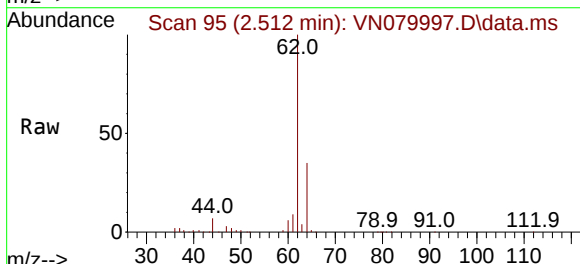
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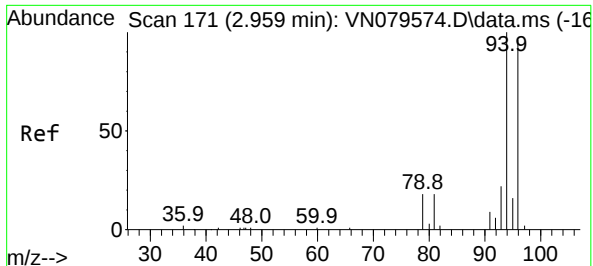
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#4
Vinyl Chloride
Concen: 22.979 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Tgt Ion: 62 Resp: 124305
Ion Ratio Lower Upper
62 100
64 33.9 26.4 39.6





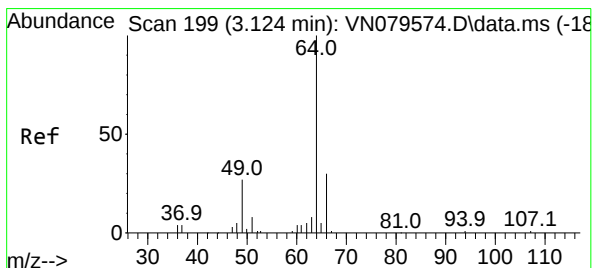
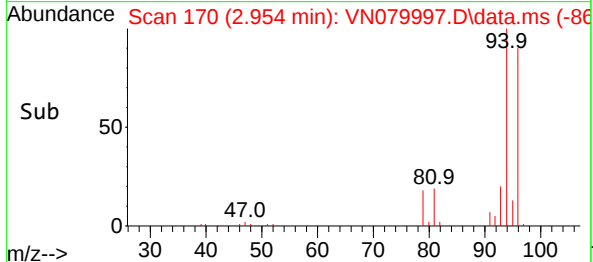
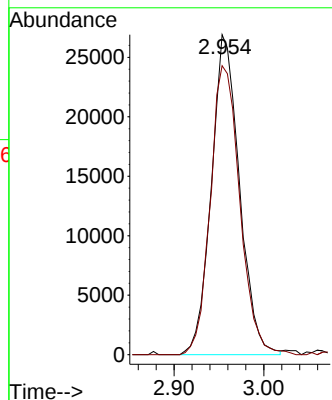
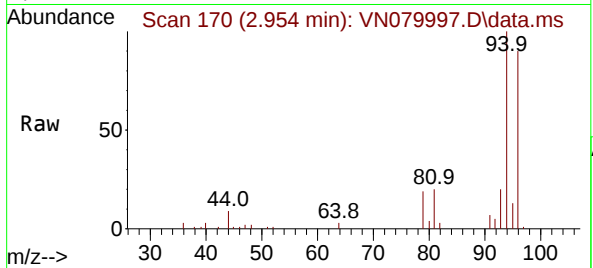
#5
Bromomethane
Concen: 19.746 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Instrument :
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ClientSampleId :
VN1108WBSD01

Tgt Ion: 94 Resp: 5848
Ion Ratio Lower Upper
94 100
96 90.3 77.8 116.6

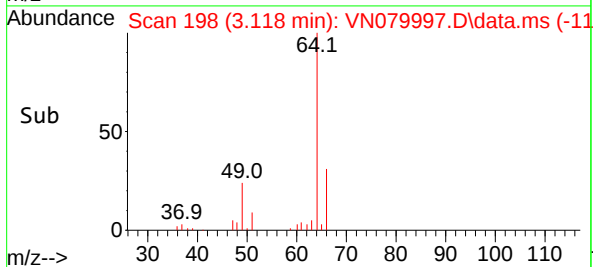
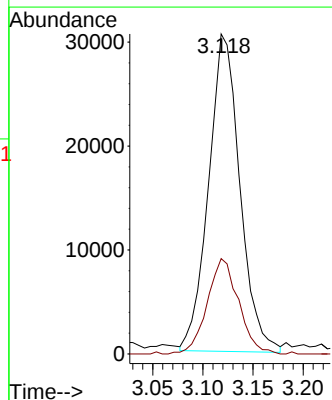
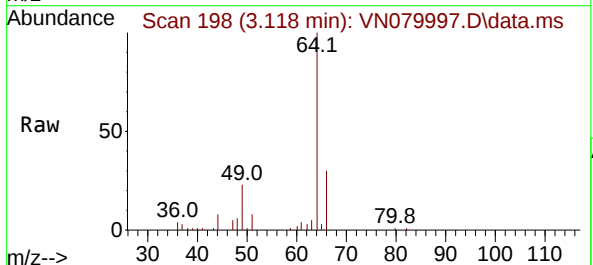
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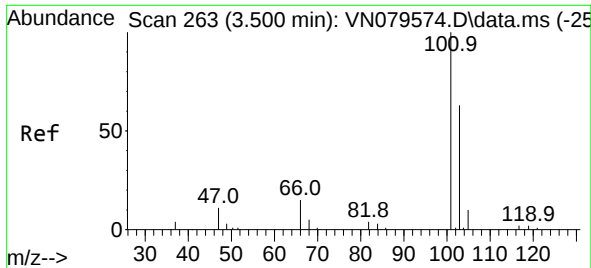
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#6
Chloroethane
Concen: 21.123 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

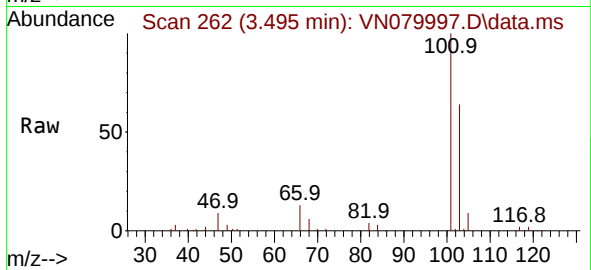
Tgt Ion: 64 Resp: 66369
Ion Ratio Lower Upper
64 100
66 30.5 23.3 34.9





#7
Trichlorofluoromethane
Concen: 19.893 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.005 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

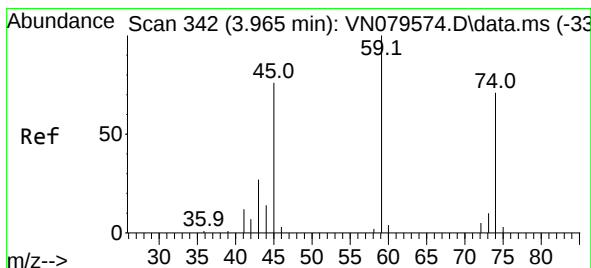
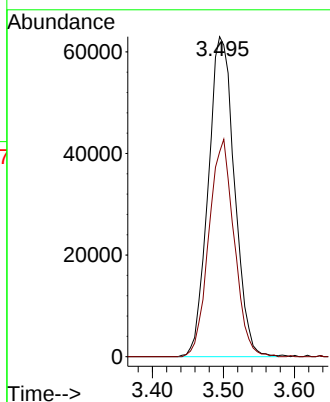
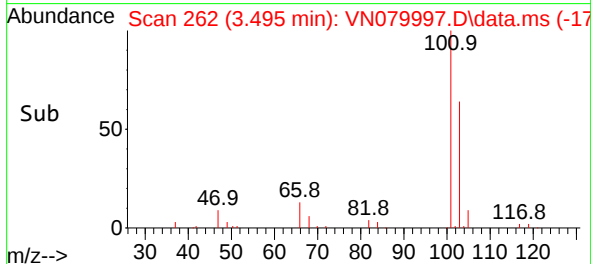
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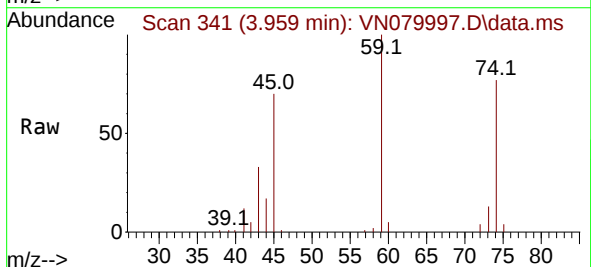
Tgt Ion:101 Resp: 16150
Ion Ratio Lower Upper
101 100
103 64.0 49.9 74.9

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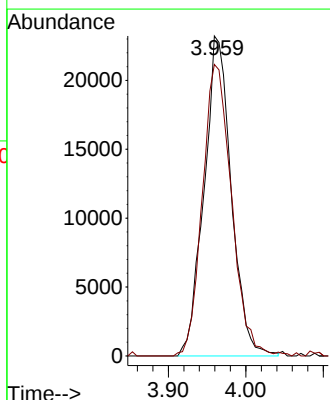
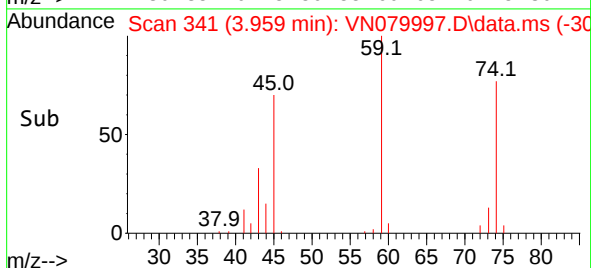
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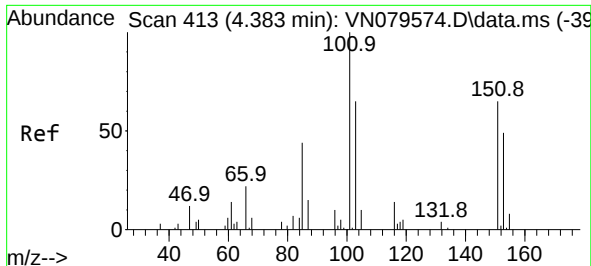


#8
Diethyl Ether
Concen: 19.446 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57



Tgt Ion: 74 Resp: 56675
Ion Ratio Lower Upper
74 100
45 97.3 19.0 171.0





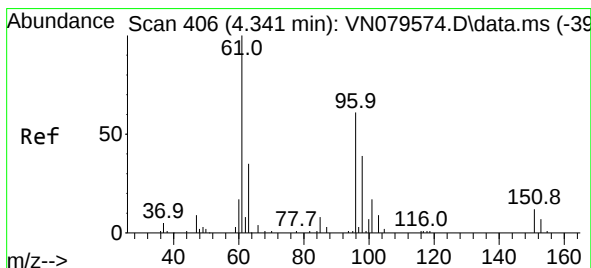
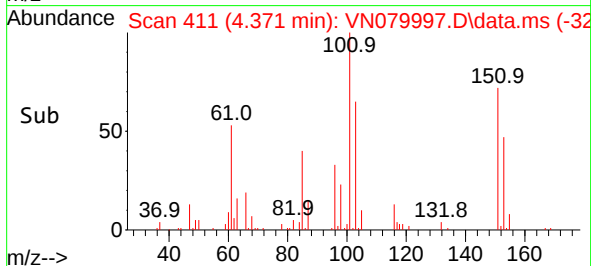
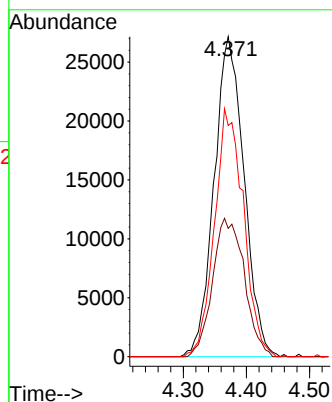
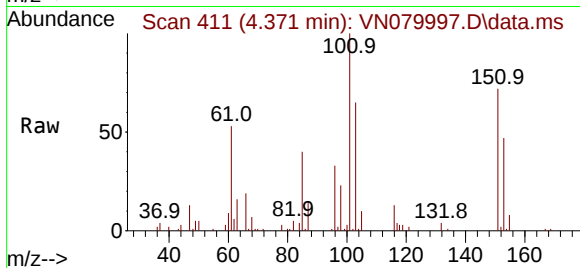
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1,1,2-Trichlorotrifluoroethane
Concen: 19.537 ug/l
RT: 4.371 min Scan# 413
Delta R.T. -0.012 min
Lab File: VN079997.D
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Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 89612
Ion Ratio Lower Upper
101 100
85 45.7 0.0 92.0
151 74.9 0.0 138.4

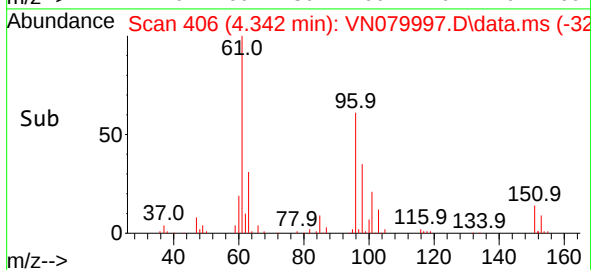
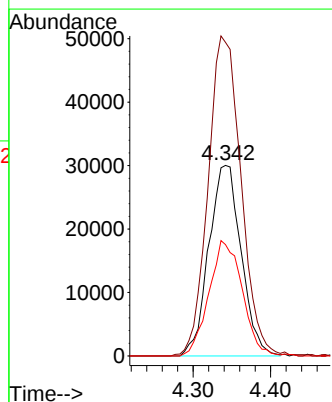
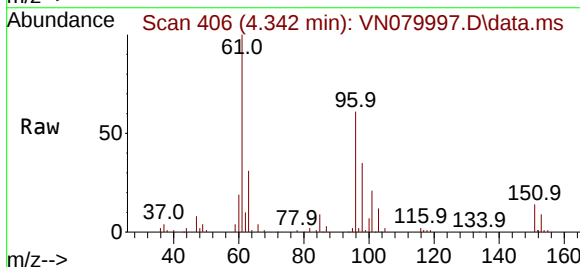
Manual Integrations
APPROVED

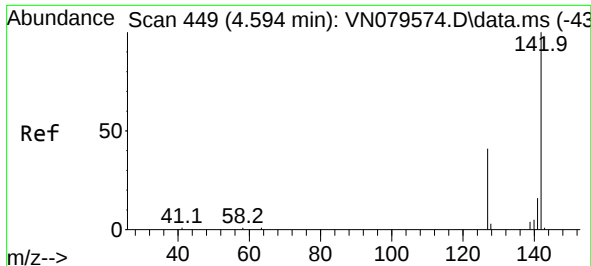
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#10
1,1-Dichloroethene
Concen: 21.448 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

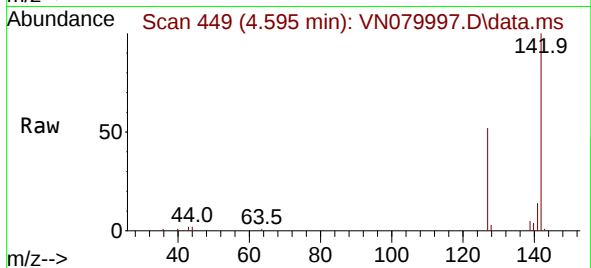
Tgt Ion: 96 Resp: 87029
Ion Ratio Lower Upper
96 100
61 163.5 141.3 211.9
98 58.4 53.2 79.8





#11
Methyl Iodide
Concen: 20.237 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.001 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

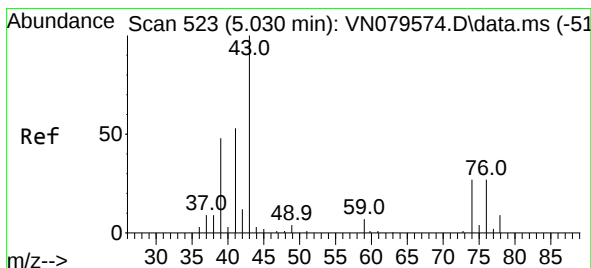
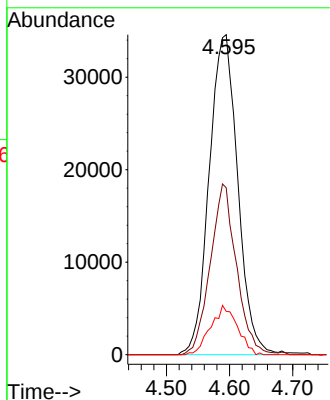
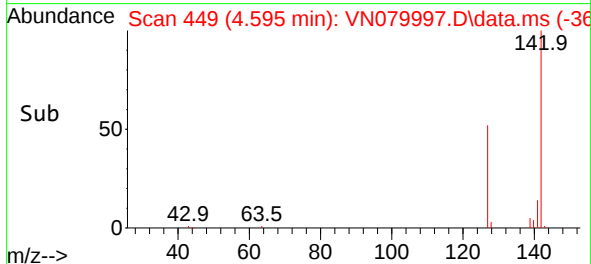
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



Tgt Ion:142 Resp: 108608
Ion Ratio Lower Upper
142 100
127 52.1 24.6 73.8
141 13.6 7.7 23.1

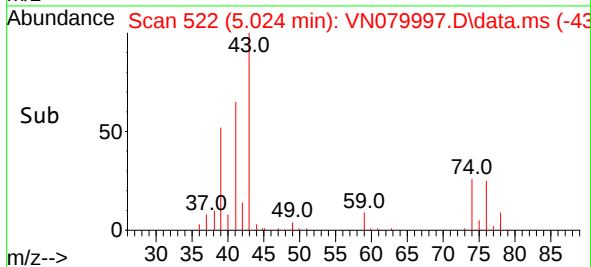
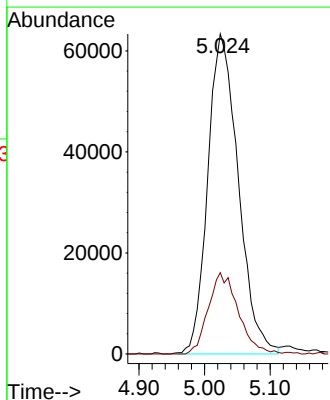
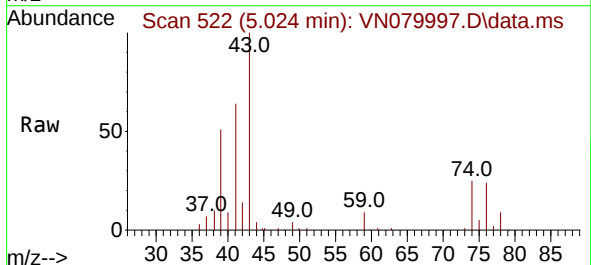
Manual Integrations
APPROVED

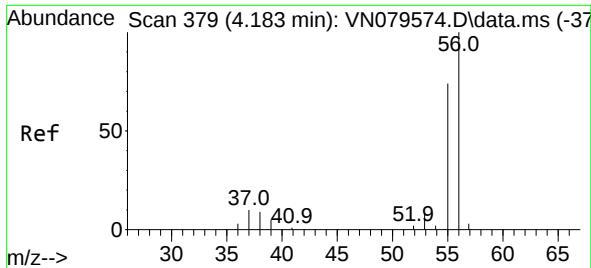
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#12
Methyl Acetate
Concen: 19.466 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Tgt Ion: 43 Resp: 204778
Ion Ratio Lower Upper
43 100
74 25.5 18.1 27.1





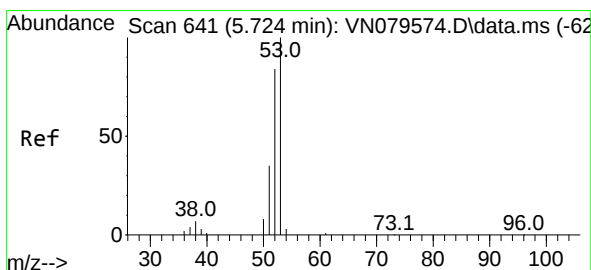
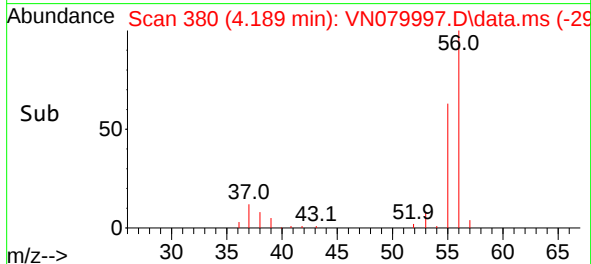
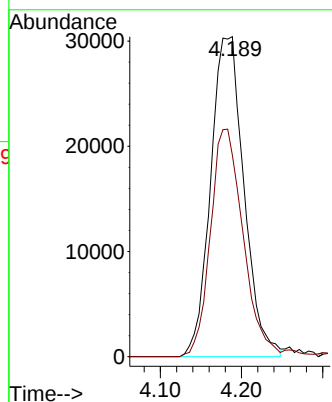
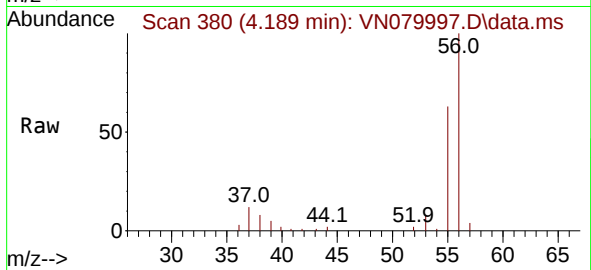
#13
Acrolein
Concen: 97.721 ug/l
RT: 4.189 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01

Tgt Ion: 56 Resp: 8685
Ion Ratio Lower Upper
56 100
55 69.4 57.1 85.7

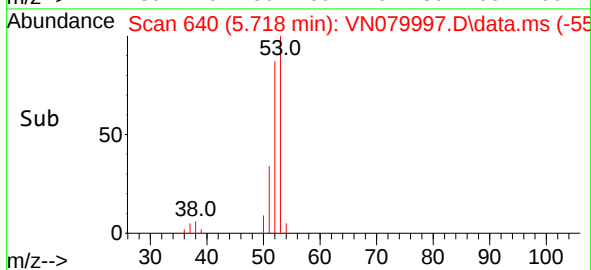
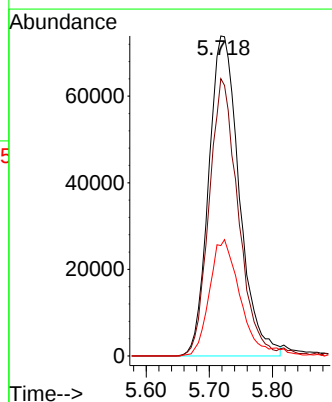
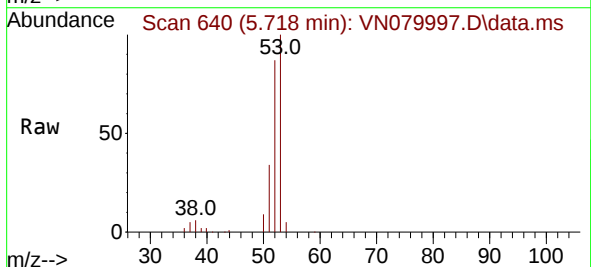
Manual Integrations
APPROVED

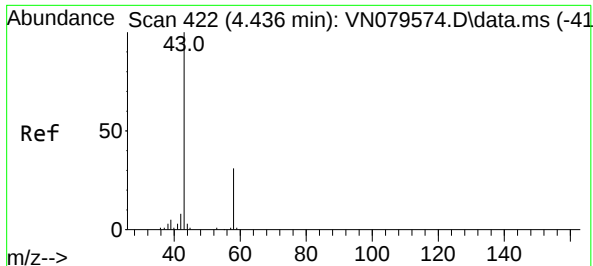
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#14
Acrylonitrile
Concen: 99.623 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.006 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Tgt Ion: 53 Resp: 248922
Ion Ratio Lower Upper
53 100
52 81.9 41.6 124.9
51 35.7 17.8 53.3





#15

Acetone

Concen: 84.076 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBSD01

Tgt Ion: 58 Resp: 70934

Ion Ratio Lower Upper

58 100

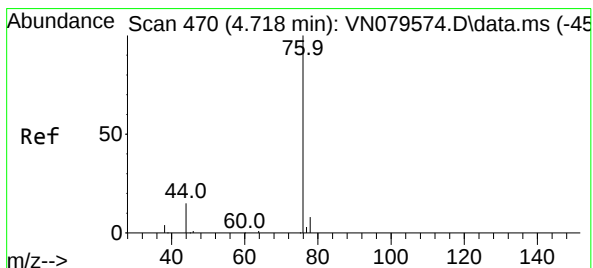
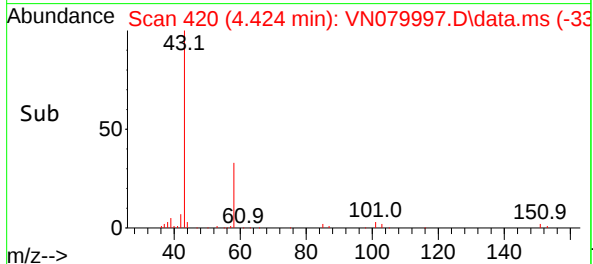
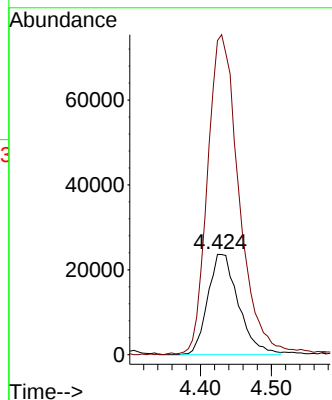
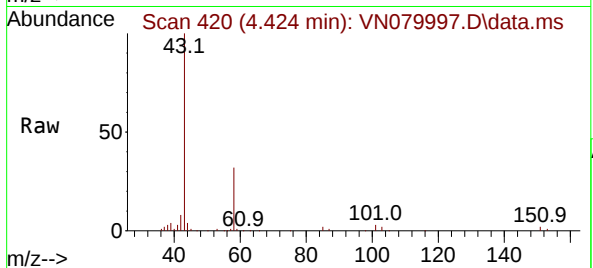
43 311.6 225.2 337.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#16

Carbon Disulfide

Concen: 18.222 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN079997.D

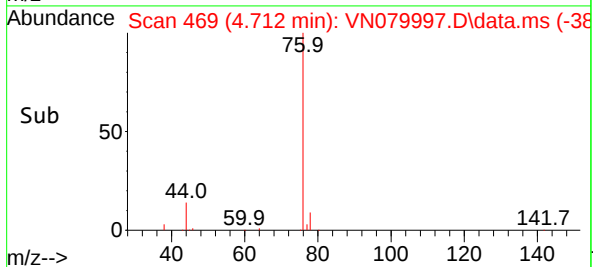
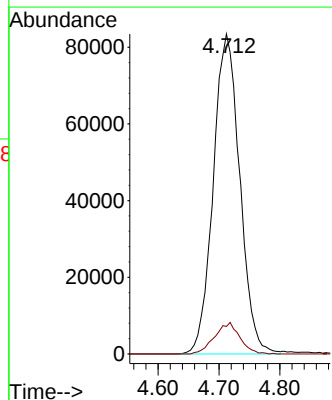
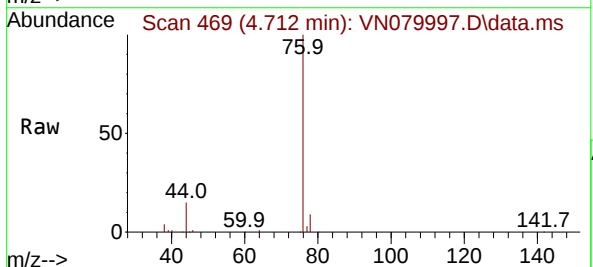
Acq: 08 Nov 2023 17:57

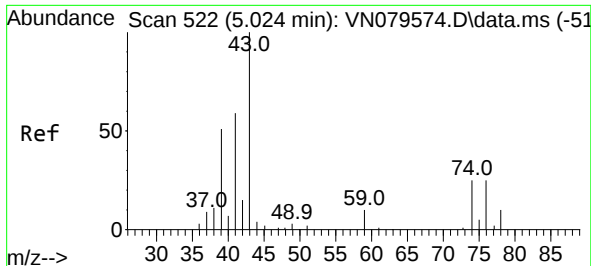
Tgt Ion: 76 Resp: 252477

Ion Ratio Lower Upper

76 100

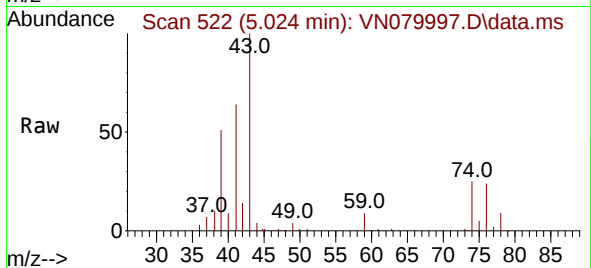
78 8.6 7.5 11.3





#17
 Allyl chloride
 Concen: 18.959 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN079997.D
 Acq: 08 Nov 2023 17:57

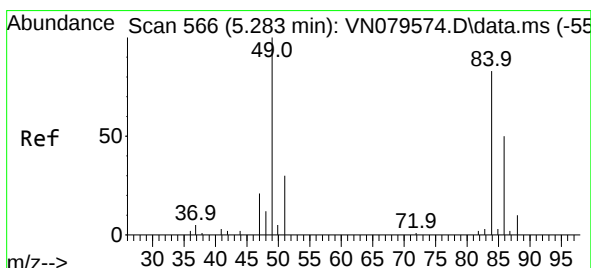
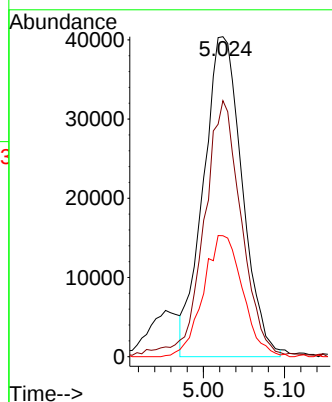
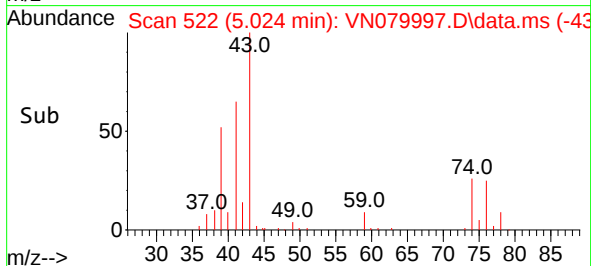
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBSD01



Tgt Ion: 41 Resp: 134420
 Ion Ratio Lower Upper
 41 100
 39 80.5 38.4 115.2
 76 38.1 19.5 58.5

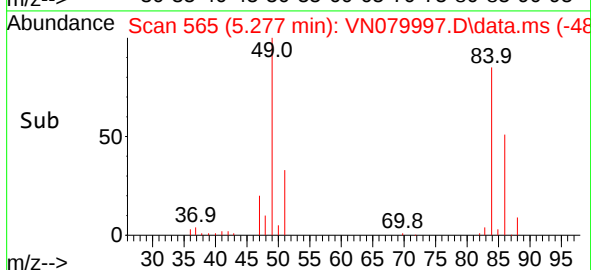
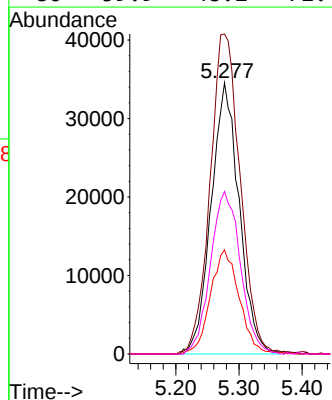
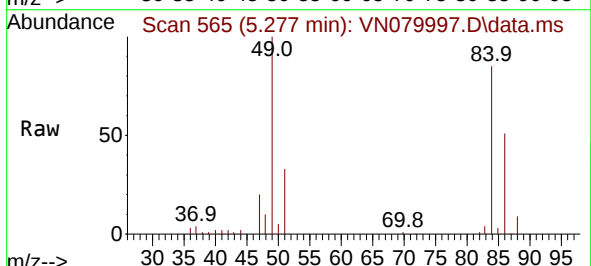
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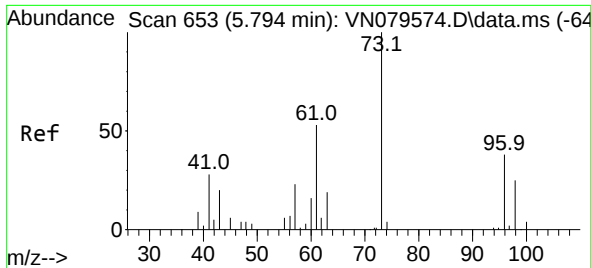
Reviewed By :John Carlone 11/09/2023
 Supervised By :Semsettin Yesilyurt 11/09/2023



#18
 Methylene Chloride
 Concen: 19.587 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN079997.D
 Acq: 08 Nov 2023 17:57

Tgt Ion: 84 Resp: 106582
 Ion Ratio Lower Upper
 84 100
 49 117.2 100.9 151.3
 51 38.4 29.4 44.2
 86 59.9 48.2 72.4





#19

trans-1,2-Dichloroethene

Concen: 19.631 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.001 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBSD01

Tgt Ion: 96 Resp: 9873

Ion Ratio Lower Upper

96 100

61 134.7 113.4 170.0

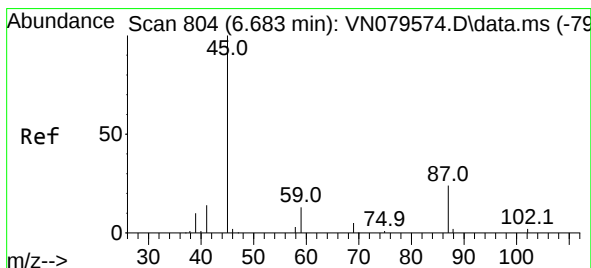
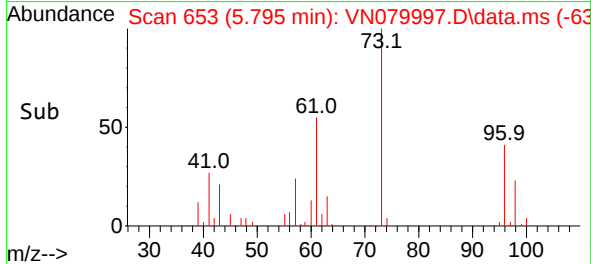
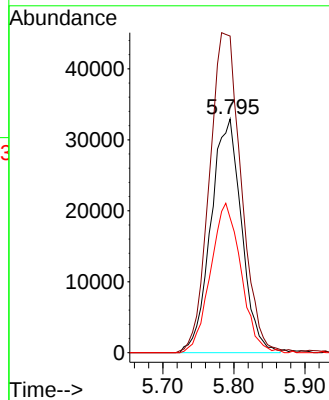
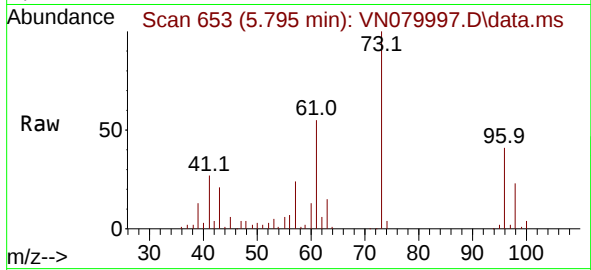
98 57.7 50.4 75.6

Manual Integrations

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Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#20

Diisopropyl ether

Concen: 19.838 ug/l

RT: 6.677 min Scan# 803

Delta R.T. -0.006 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Tgt Ion: 45 Resp: 328694

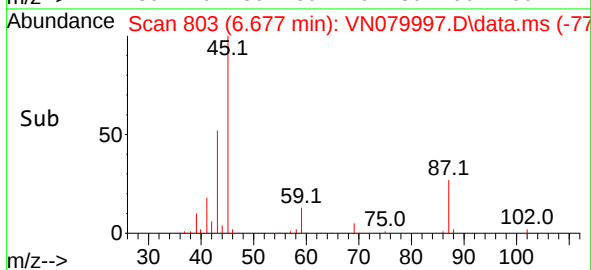
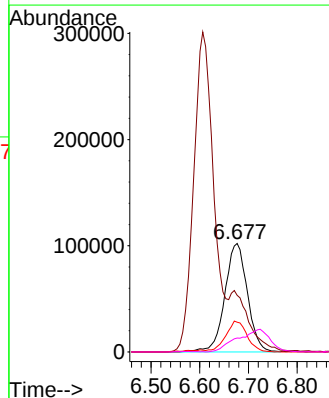
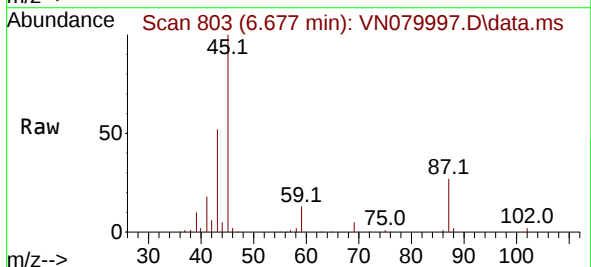
Ion Ratio Lower Upper

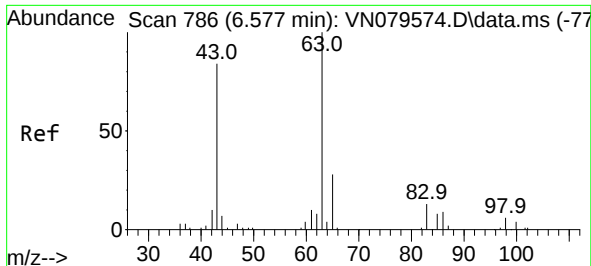
45 100

43 50.4 42.1 63.1

87 27.4 20.5 30.7

59 12.6 10.9 16.3





#21

1,1-Dichloroethane

Concen: 19.601 ug/l

RT: 6.571 min Scan# 786

Delta R.T. -0.006 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBSD01

Tgt Ion: 63 Resp: 19386

Ion Ratio Lower Upper

63 100

98 8.5 2.8 8.4

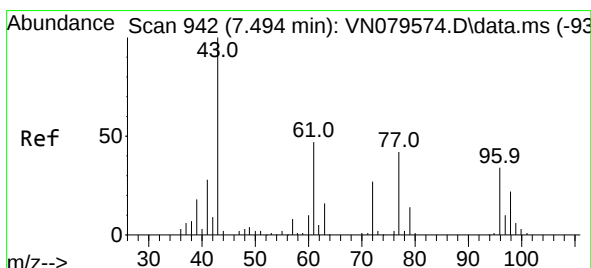
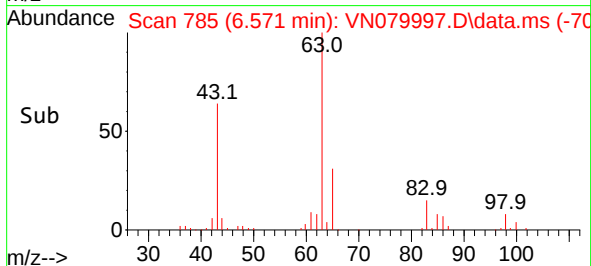
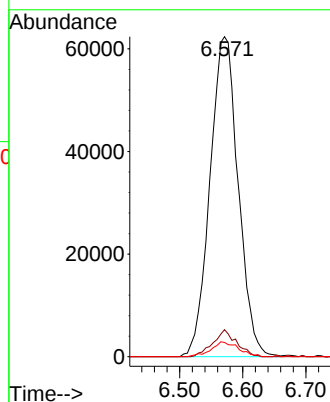
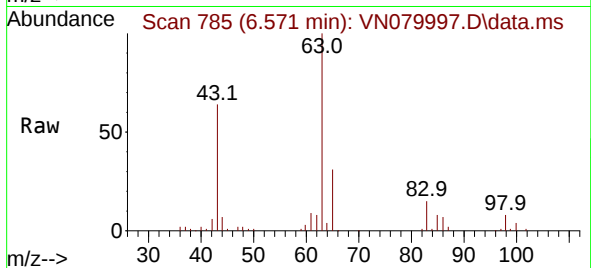
100 4.5 1.9 5.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#22

cis-1,2-Dichloroethene

Concen: 19.154 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

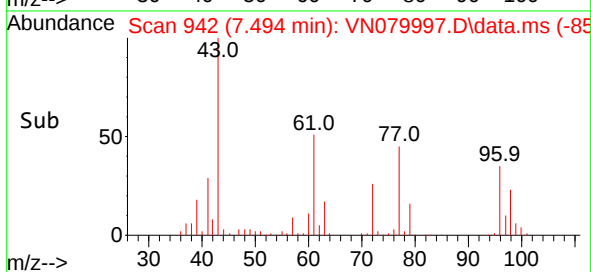
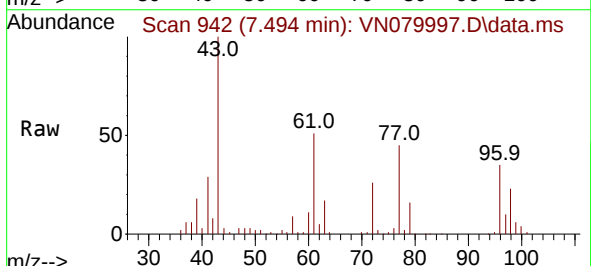
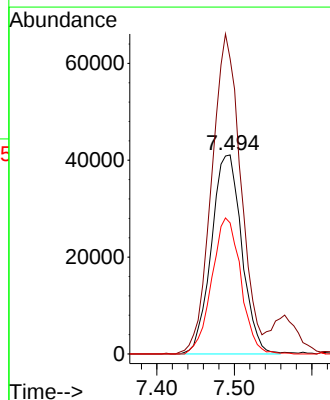
Tgt Ion: 96 Resp: 111795

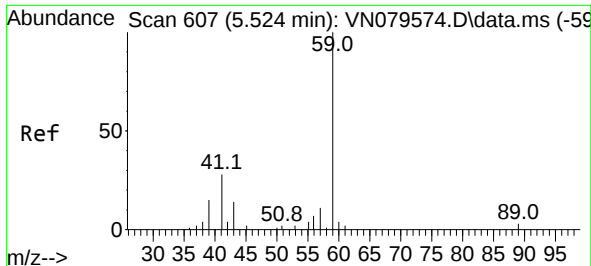
Ion Ratio Lower Upper

96 100

61 154.0 124.6 186.8

98 65.4 54.2 81.4





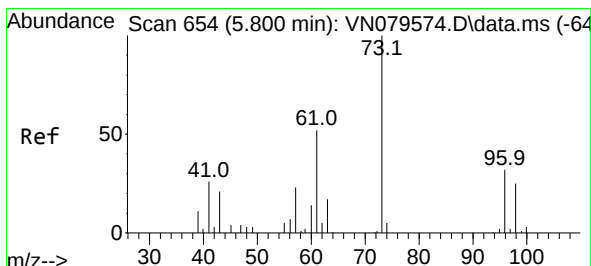
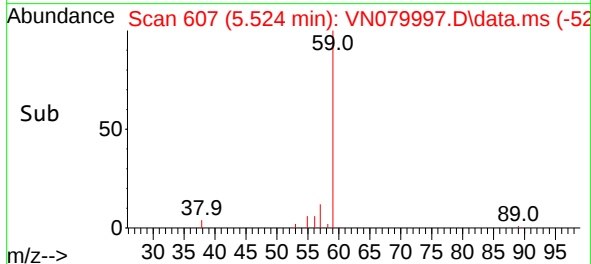
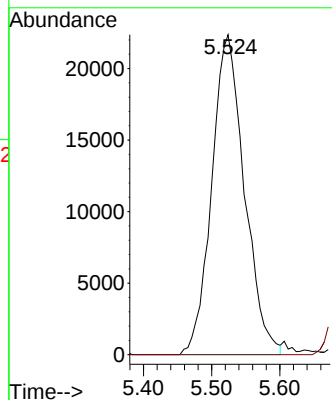
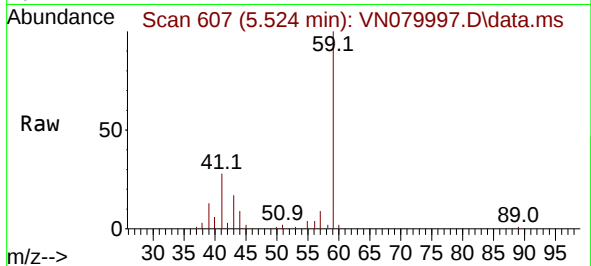
#23
tert-Butyl Alcohol
Concen: 110.518 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01

Tgt Ion: 59 Resp: 7453
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

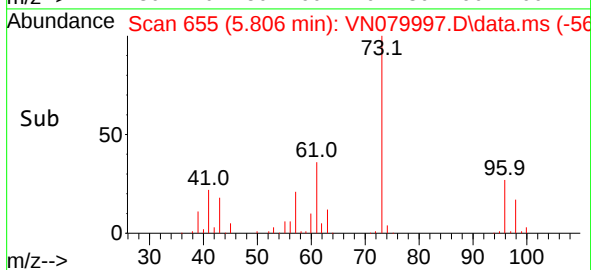
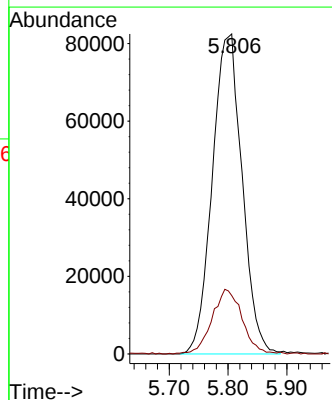
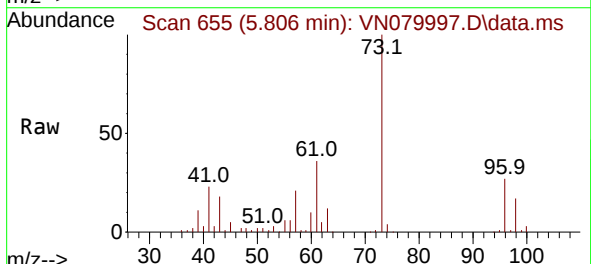
Manual Integrations
APPROVED

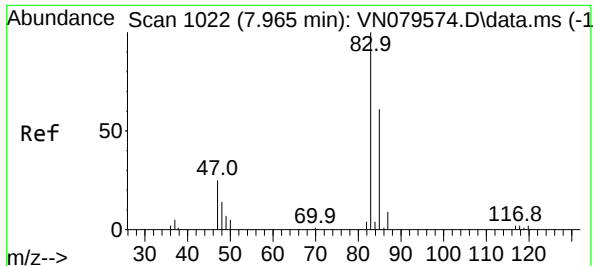
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#24
Methyl tert-Butyl Ether
Concen: 19.413 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.006 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Tgt Ion: 73 Resp: 290039
Ion Ratio Lower Upper
73 100
43 20.3 16.6 24.8





#25

Chloroform

Concen: 19.284 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBSD01

Tgt Ion: 83 Resp: 19687

Ion Ratio Lower Upper

83 100

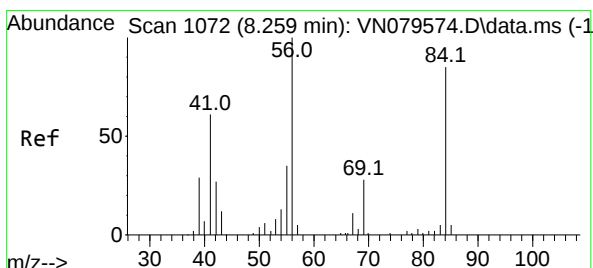
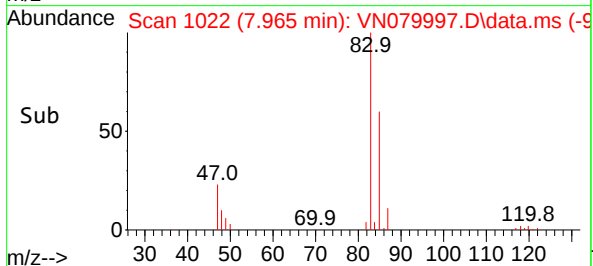
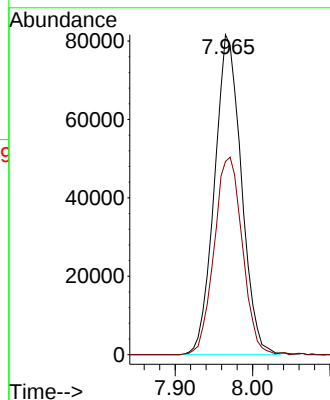
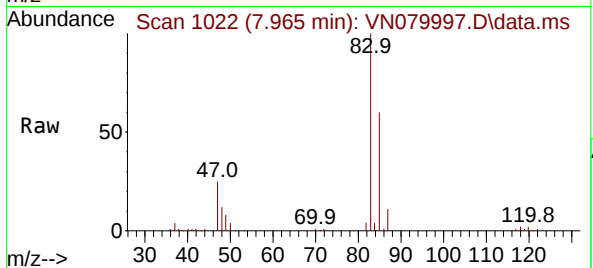
85 60.4 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#26

Cyclohexane

Concen: 19.309 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

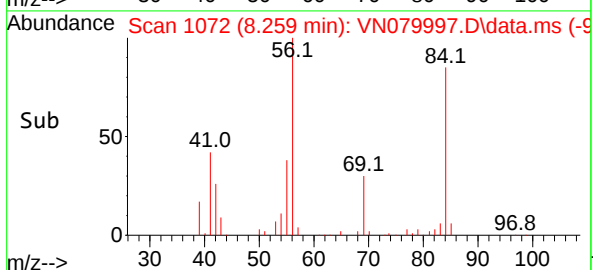
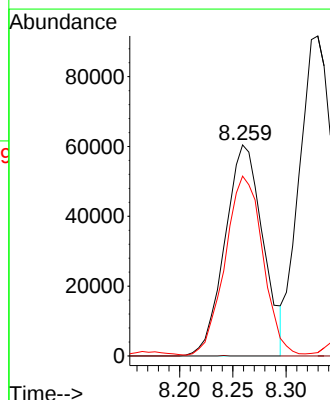
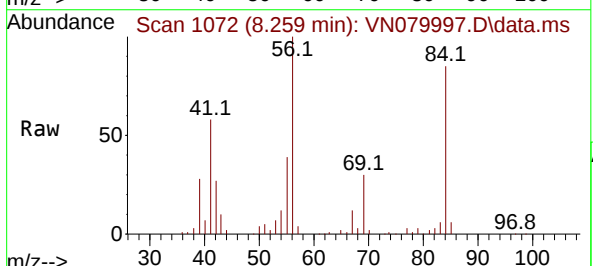
Tgt Ion: 56 Resp: 150237

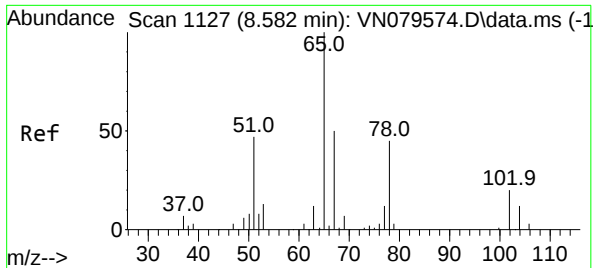
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 84.9 69.0 103.4





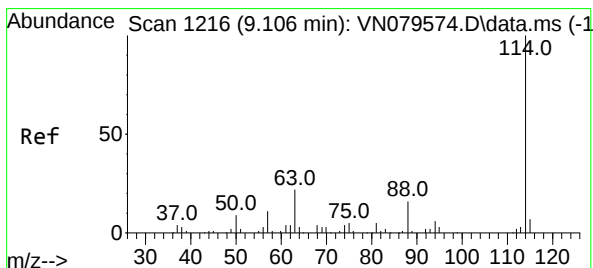
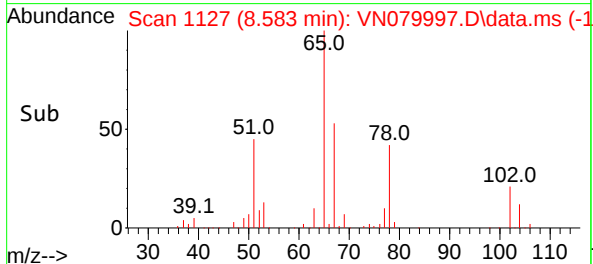
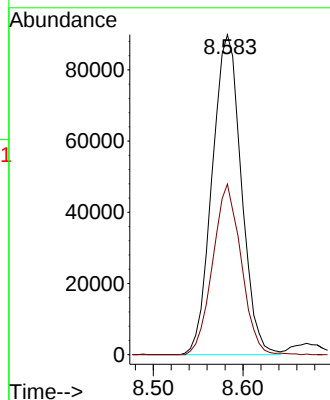
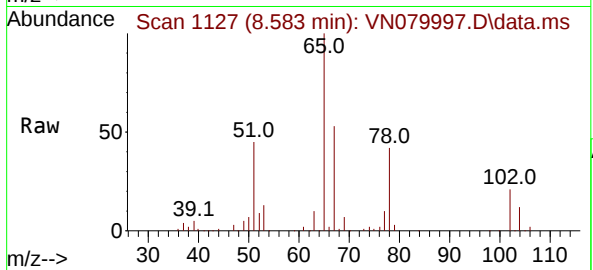
#27
1,2-Dichloroethane-d4
Concen: 30.668 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01

Tgt Ion: 65 Resp: 20288
Ion Ratio Lower Upper
65 100
67 51.7 42.1 63.1

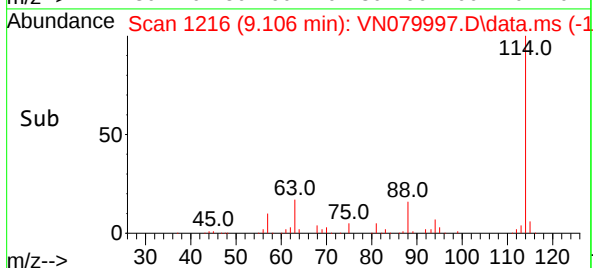
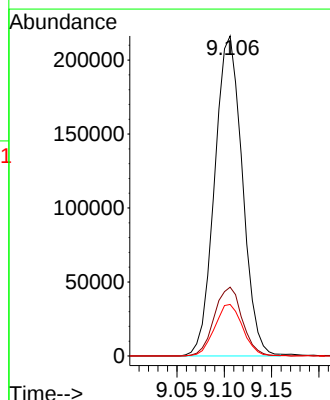
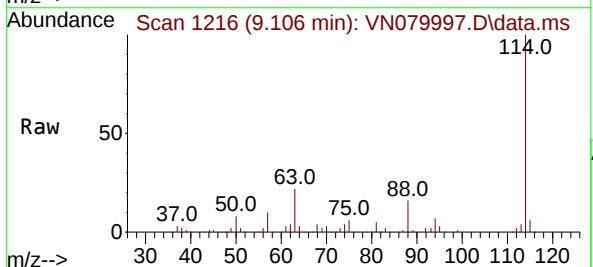
Manual Integrations
APPROVED

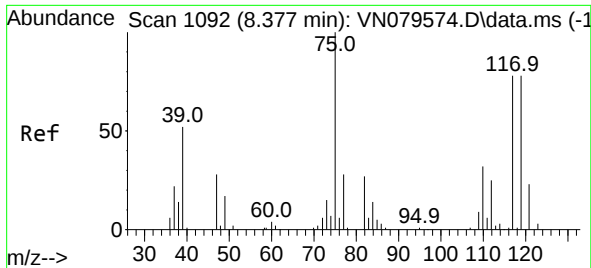
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Tgt Ion:114 Resp: 440237
Ion Ratio Lower Upper
114 100
63 21.7 18.1 27.1
88 16.3 12.2 18.2





#29
1,1-Dichloropropene
Concen: 19.269 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBSD01

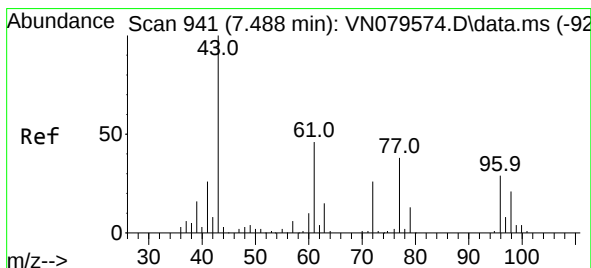
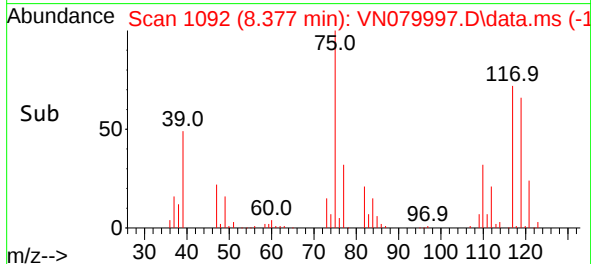
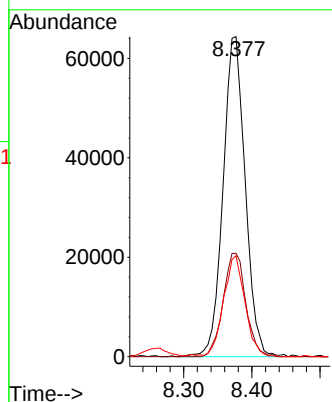
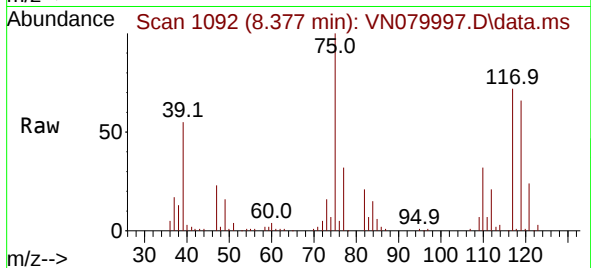
Tgt Ion: 75 Resp: 145588
Ion Ratio Lower Upper
75 100
110 33.1 0.0 66.8
77 30.5 0.0 61.2

Manual Integrations

APPROVED

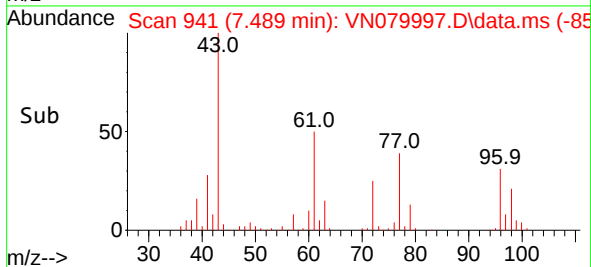
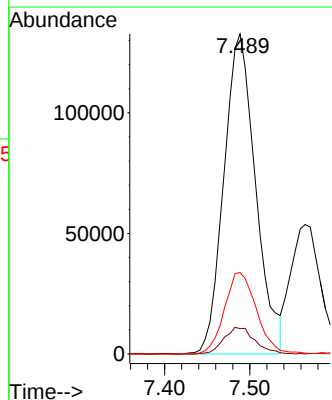
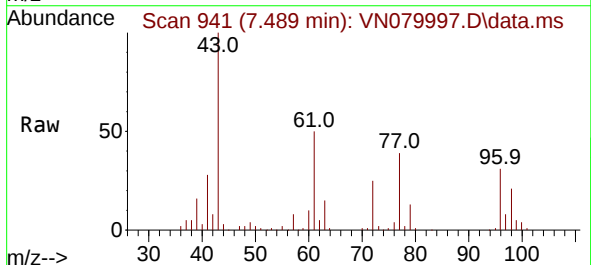
Reviewed By :John Carlone 11/09/2023

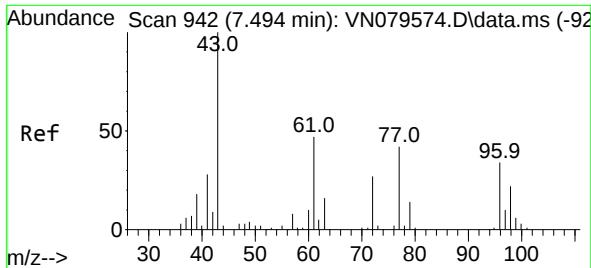
Supervised By :Semsettin Yesilyurt 11/09/2023



#30
2-Butanone
Concen: 95.279 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

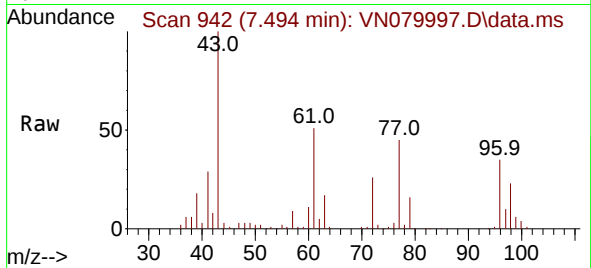
Tgt Ion: 43 Resp: 343801
Ion Ratio Lower Upper
43 100
57 8.1 6.4 9.6
72 25.8 20.7 31.1





#31
2,2-Dichloropropane
Concen: 19.085 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

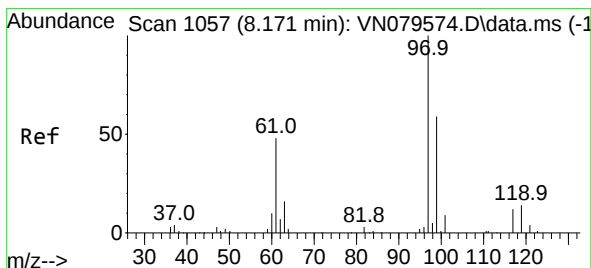
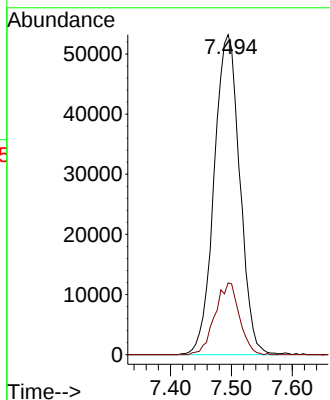
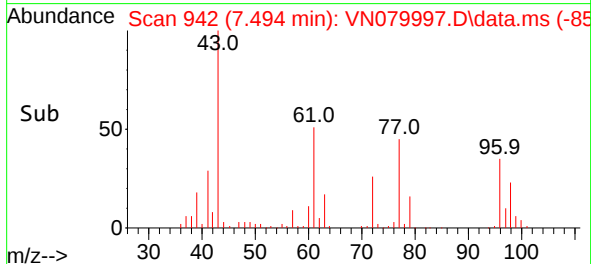
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



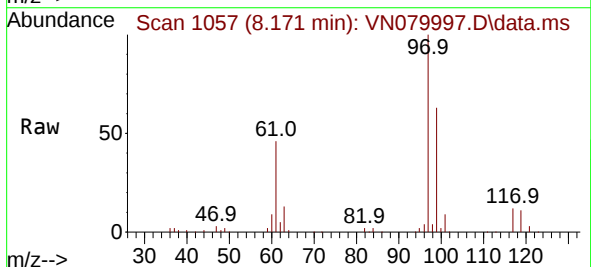
Tgt Ion: 77 Resp: 155850
Ion Ratio Lower Upper
77 100
97 21.3 17.9 26.9

Manual Integrations
APPROVED

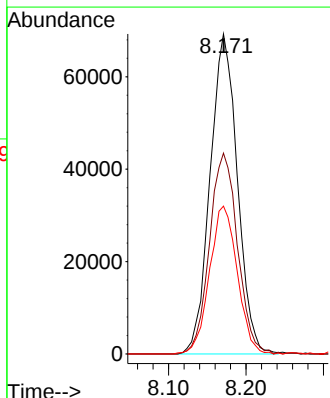
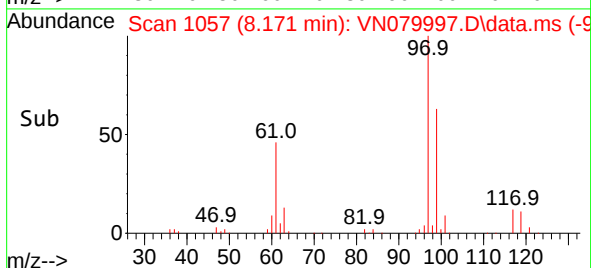
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

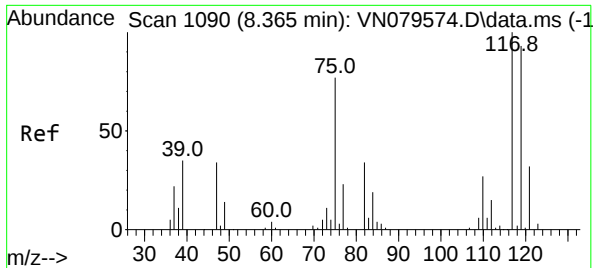


#32
1,1,1-Trichloroethane
Concen: 19.664 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57



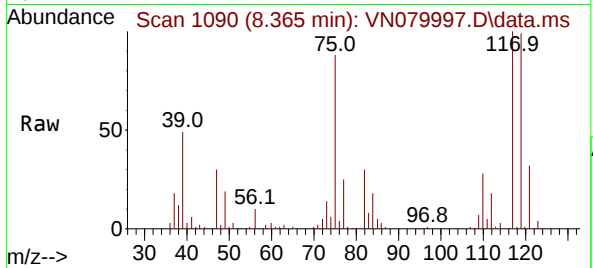
Tgt Ion: 97 Resp: 169616
Ion Ratio Lower Upper
97 100
99 64.5 51.9 77.9
61 47.1 37.6 56.4





#33
Carbon Tetrachloride
Concen: 19.302 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

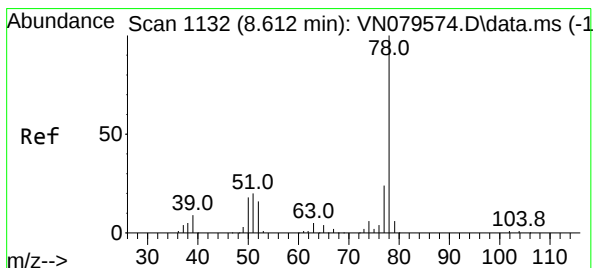
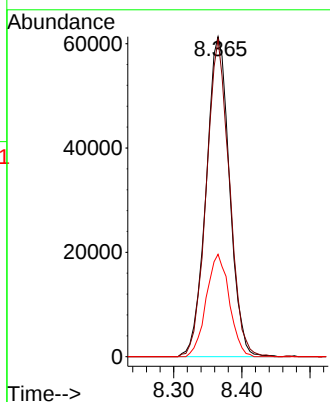
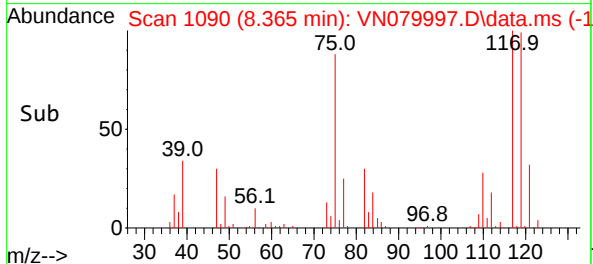
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



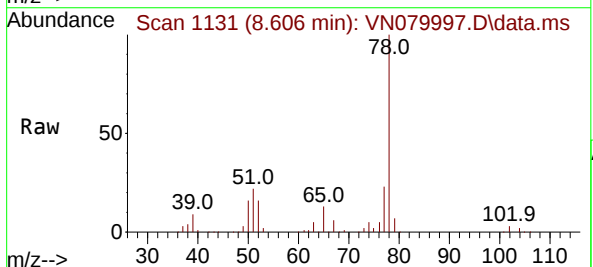
Tgt Ion:117 Resp: 146340
Ion Ratio Lower Upper
117 100
119 99.2 75.0 112.6
121 32.0 24.3 36.5

Manual Integrations
APPROVED

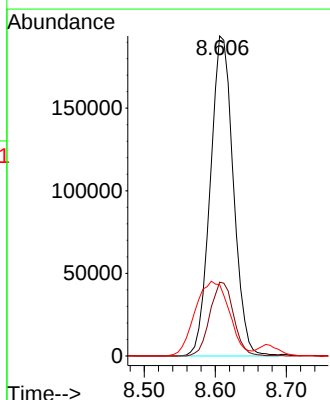
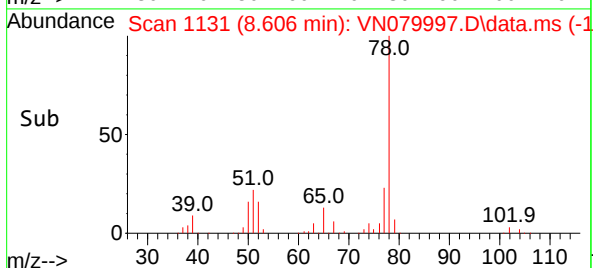
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

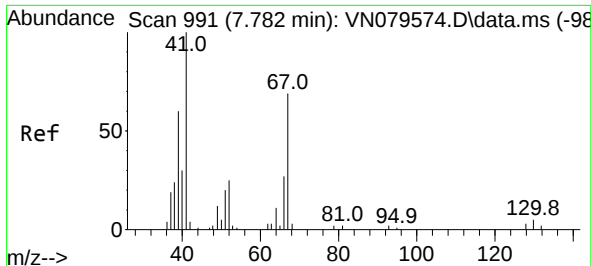


#34
Benzene
Concen: 19.436 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57



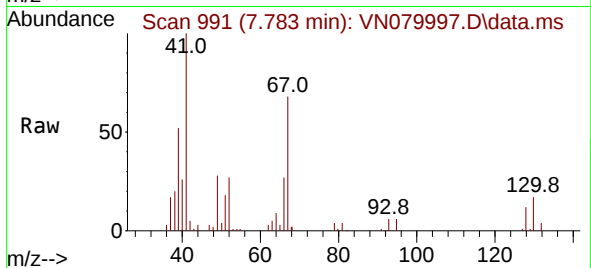
Tgt Ion: 78 Resp: 436234
Ion Ratio Lower Upper
78 100
77 23.0 19.7 29.5
51 21.1 15.8 23.6





#35
Methacrylonitrile
Concen: 18.791 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

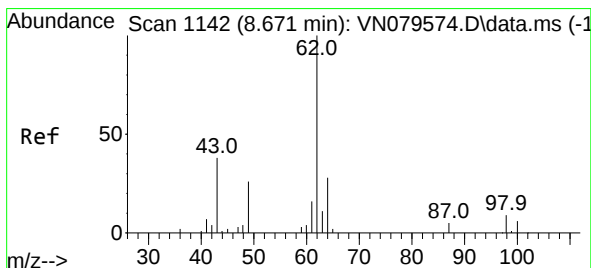
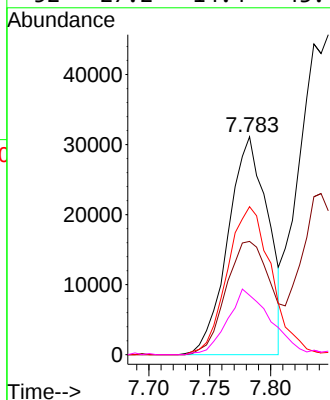
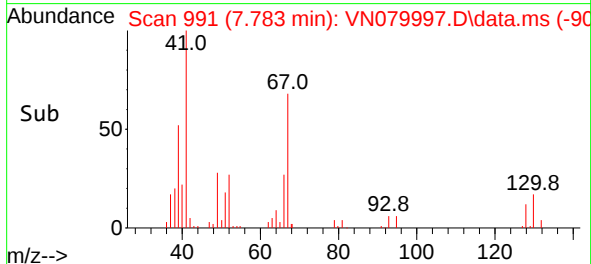
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



Tgt Ion: 41 Resp: 71089
Ion Ratio Lower Upper
41 100
39 52.0 26.3 78.8
67 67.9 37.5 112.3
52 27.2 14.4 43.4

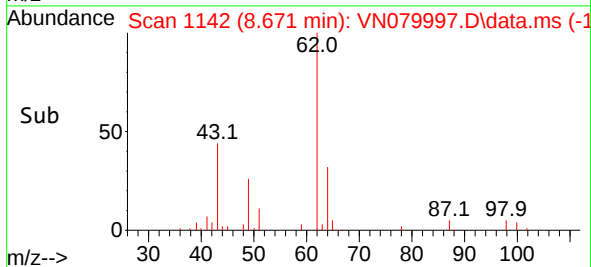
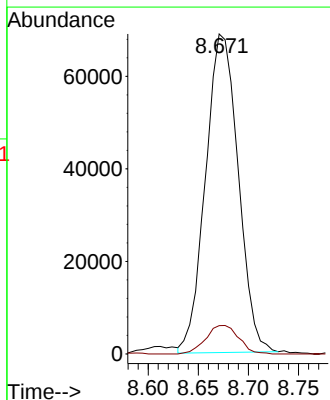
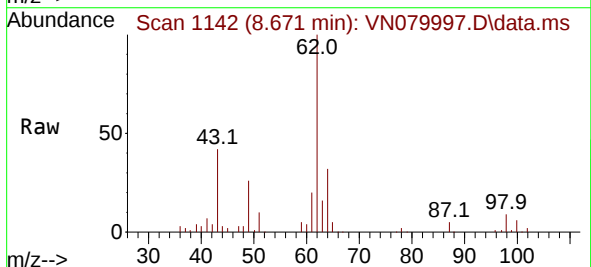
Manual Integrations
APPROVED

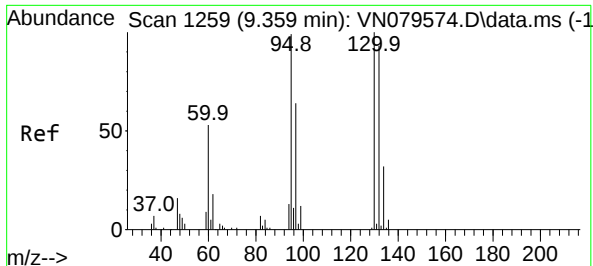
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#36
1,2-Dichloroethane
Concen: 19.254 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Tgt Ion: 62 Resp: 156395
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8





#37

Trichloroethene

Concen: 19.168 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBSD01

Tgt Ion:130 Resp: 103464

Ion Ratio Lower Upper

130 100

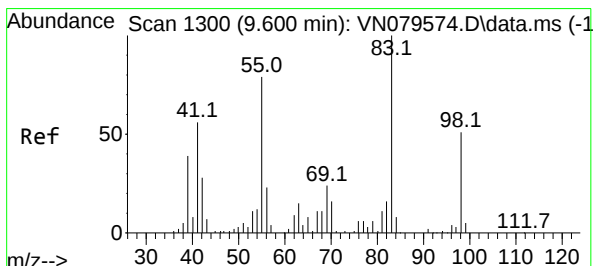
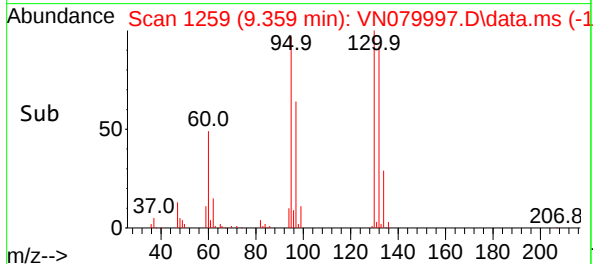
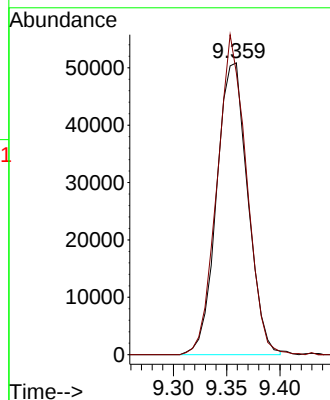
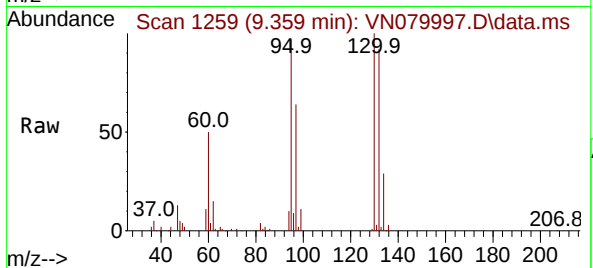
95 96.5 81.2 121.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#38

Methylcyclohexane

Concen: 18.568 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

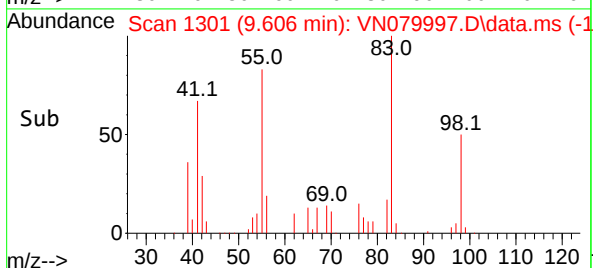
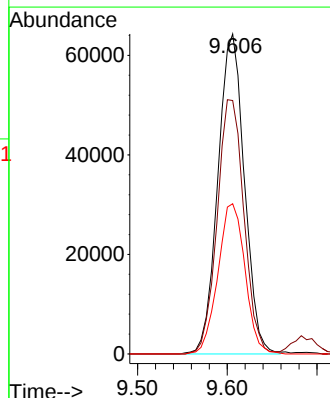
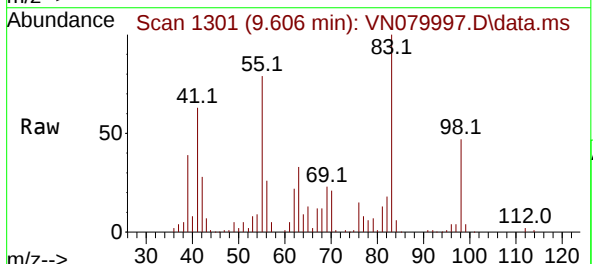
Tgt Ion: 83 Resp: 131732

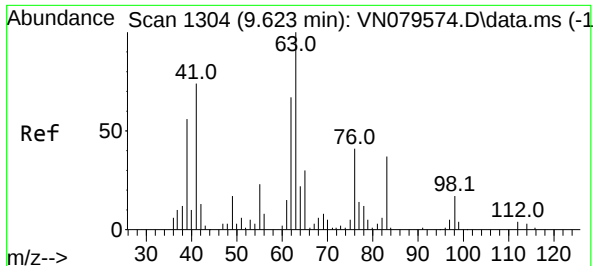
Ion Ratio Lower Upper

83 100

55 80.3 39.7 119.1

98 48.1 24.4 73.2





#39

1,2-Dichloropropane

Concen: 19.111 ug/l

RT: 9.624 min Scan# 11353

Delta R.T. 0.001 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBSD01

Tgt Ion: 63 Resp: 11353

Ion Ratio Lower Upper

63 100

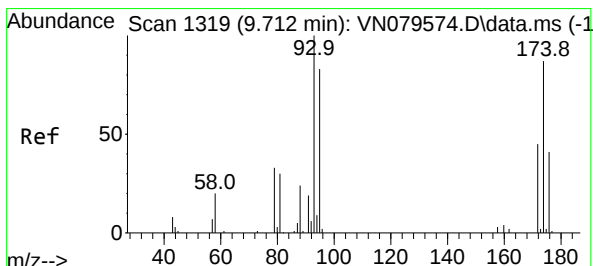
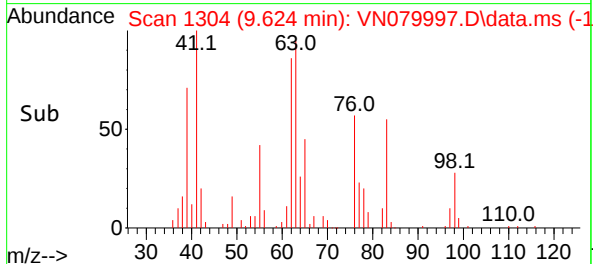
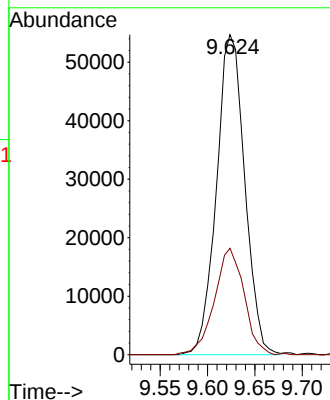
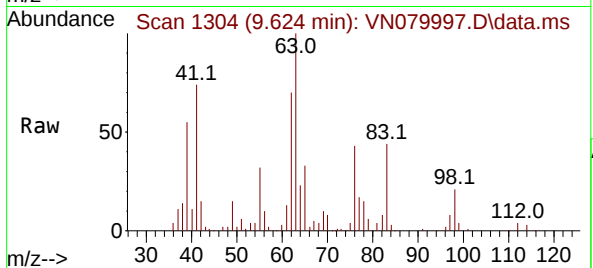
65 33.0 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#40

Dibromomethane

Concen: 19.153 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

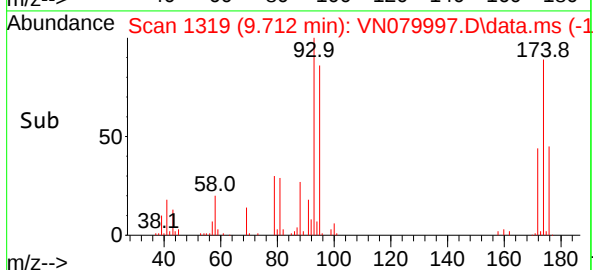
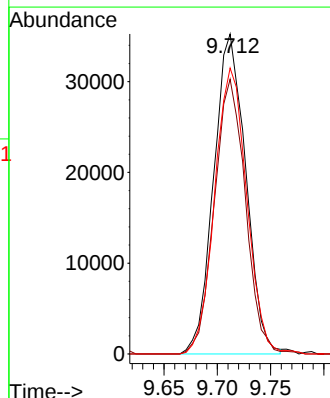
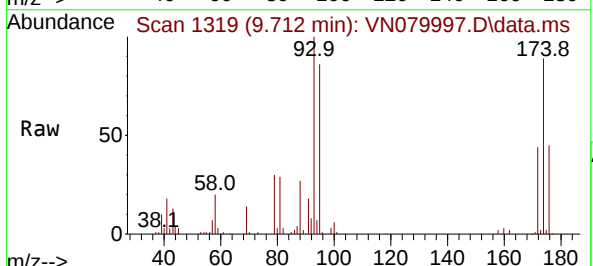
Tgt Ion: 93 Resp: 73546

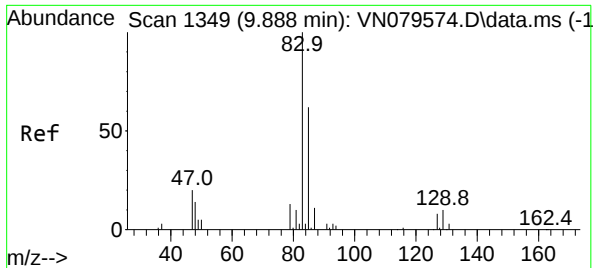
Ion Ratio Lower Upper

93 100

95 83.5 0.0 166.6

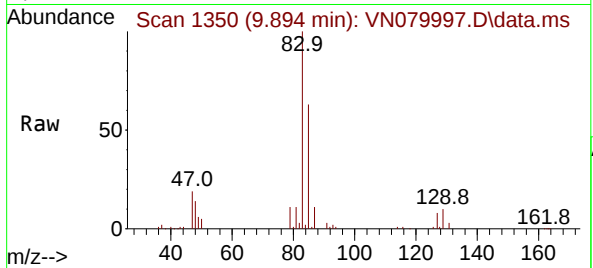
174 89.3 0.0 171.0





#41
Bromodichloromethane
Concen: 19.687 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

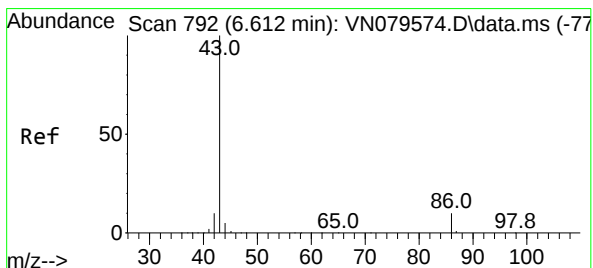
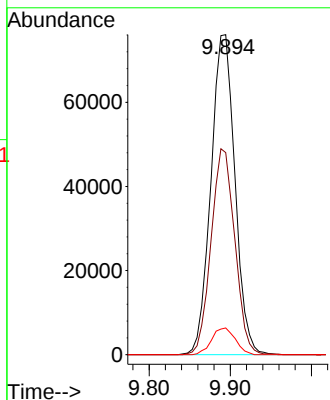
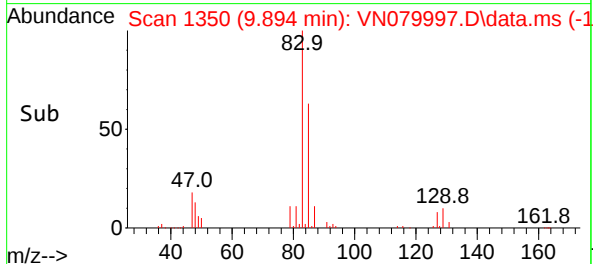
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



Tgt Ion: 83 Resp: 15657
Ion Ratio Lower Upper
83 100
85 63.2 50.3 75.5
127 8.3 6.8 10.2

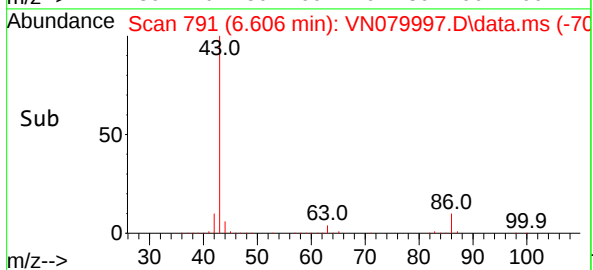
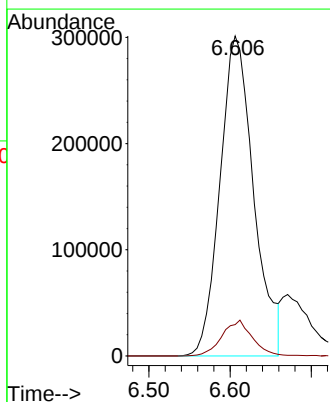
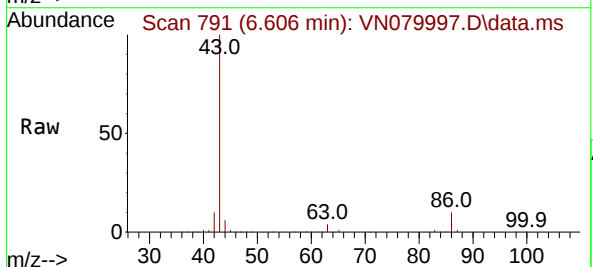
Manual Integrations
APPROVED

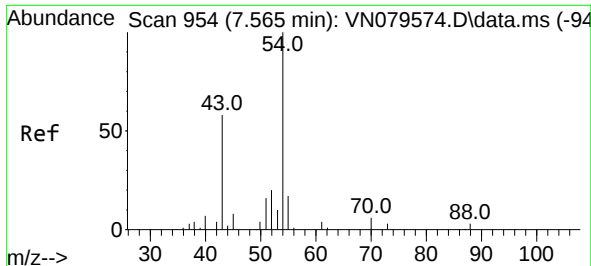
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#42
Vinyl Acetate
Concen: 97.236 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Tgt Ion: 43 Resp: 871508
Ion Ratio Lower Upper
43 100
86 10.0 8.2 12.2





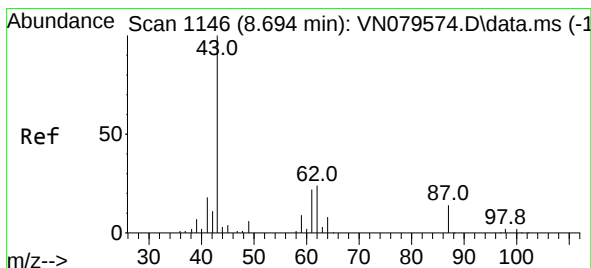
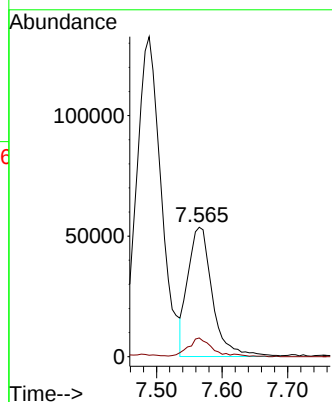
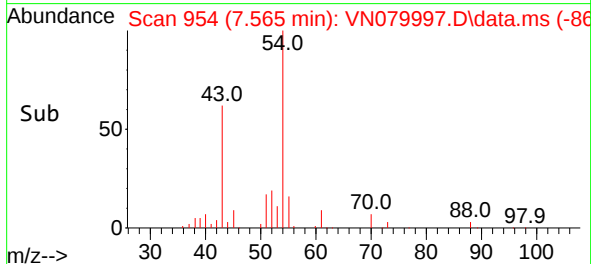
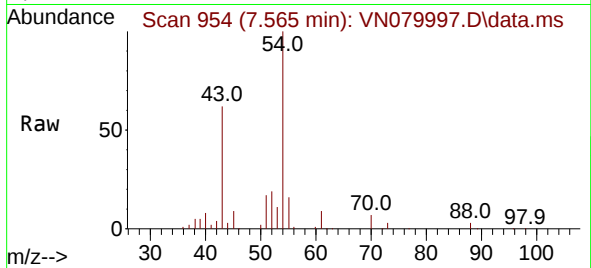
#43
Ethyl Acetate
Concen: 20.516 ug/l
RT: 7.565 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01

Tgt Ion: 43 Resp: 139064
Ion Ratio Lower Upper
43 100
45 13.5 11.8 17.8

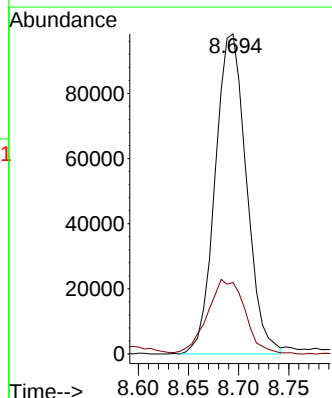
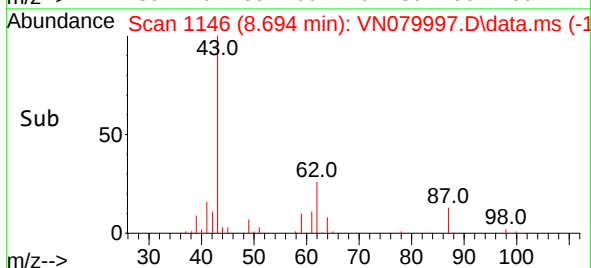
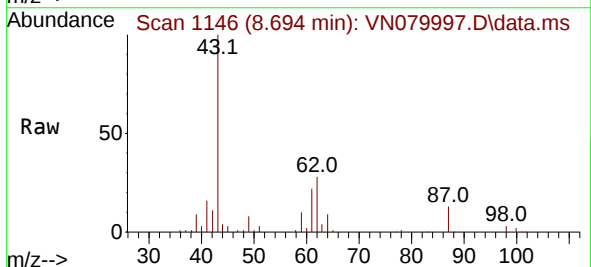
Manual Integrations
APPROVED

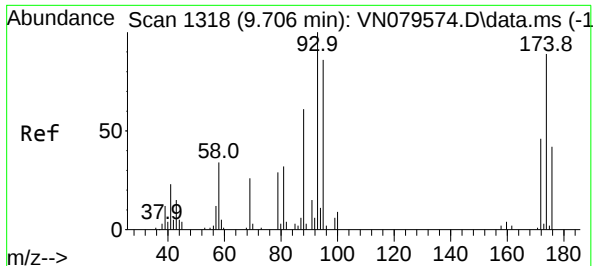
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#44
Isopropyl Acetate
Concen: 19.268 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

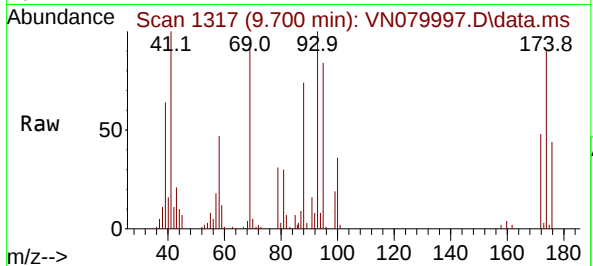
Tgt Ion: 43 Resp: 212810
Ion Ratio Lower Upper
43 100
61 27.9 20.3 30.5





#45
1,4-Dioxane
Concen: 415.847 ug/l
RT: 9.700 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

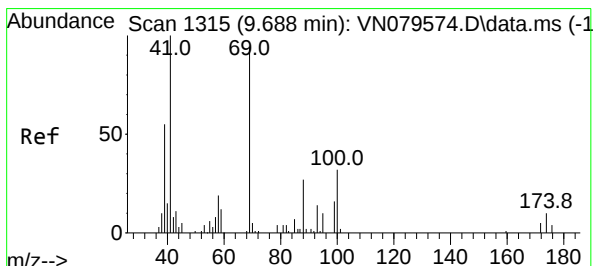
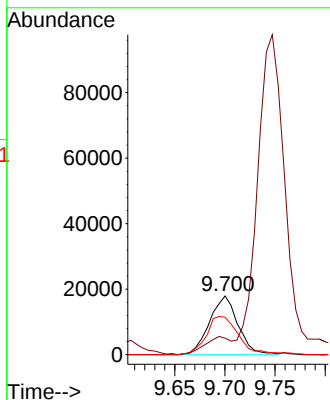
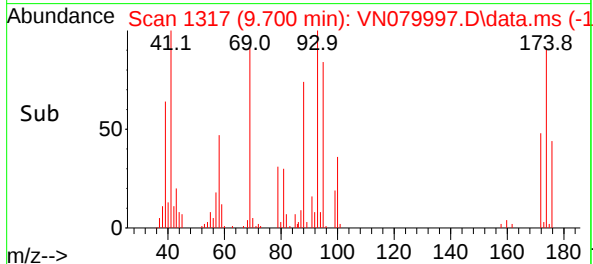
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



Tgt Ion: 88 Resp: 35390
Ion Ratio Lower Upper
88 100
43 27.4 28.7 43.1
58 73.6 56.9 85.3

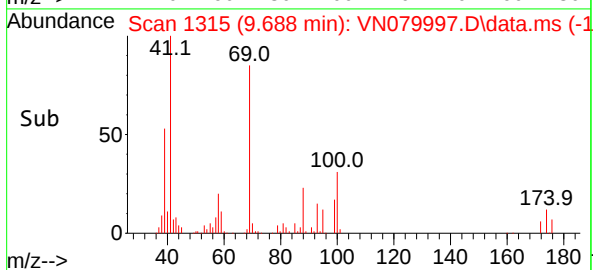
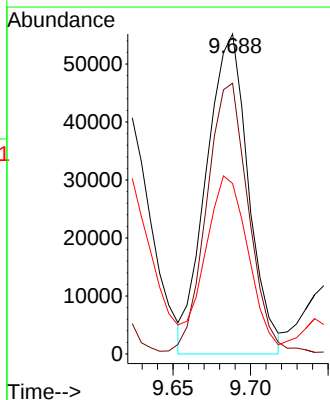
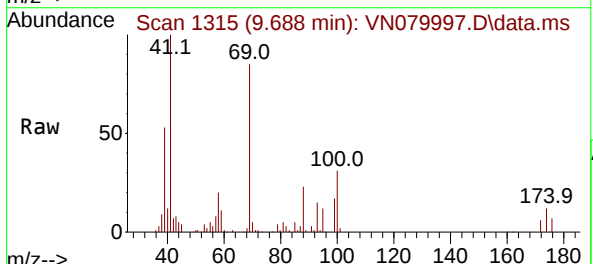
Manual Integrations
APPROVED

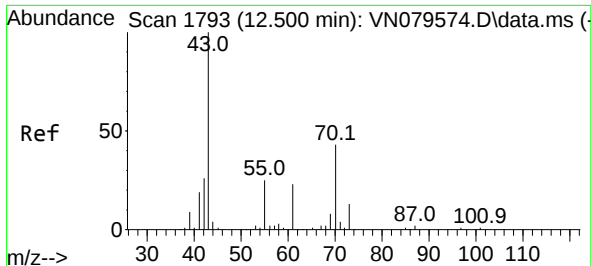
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#46
Methyl methacrylate
Concen: 19.659 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

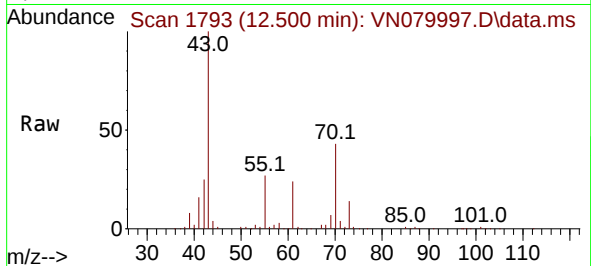
Tgt Ion: 41 Resp: 104375
Ion Ratio Lower Upper
41 100
69 87.3 40.0 119.9
39 53.9 31.1 93.3





#47
n-amy1 Acetate
Concen: 19.196 ug/l
RT: 12.500 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

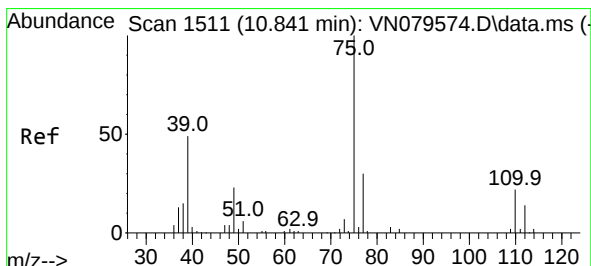
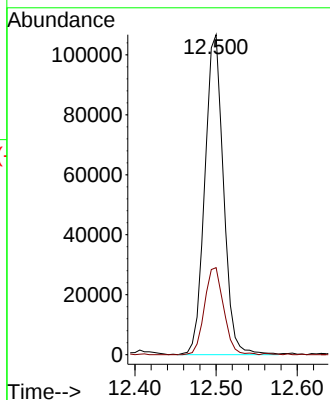
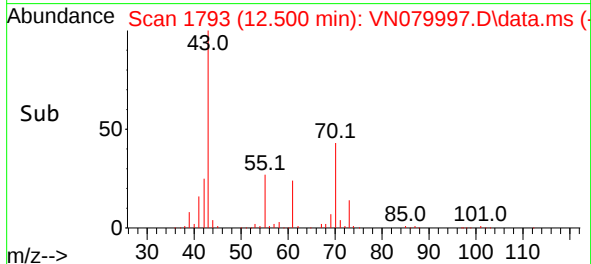
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



Tgt Ion: 43 Resp: 170309
Ion Ratio Lower Upper
43 100
55 27.8 20.7 31.1

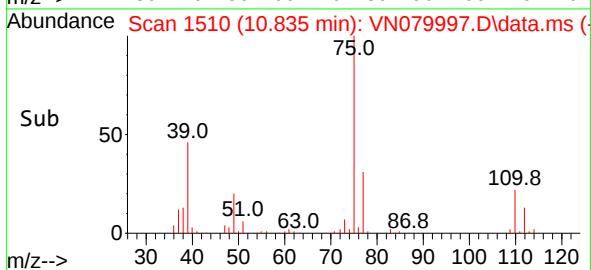
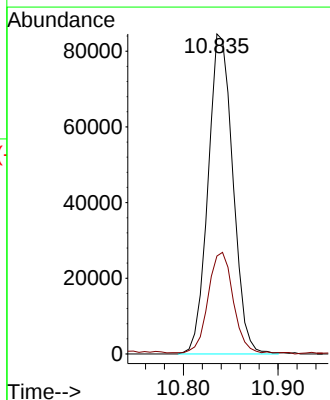
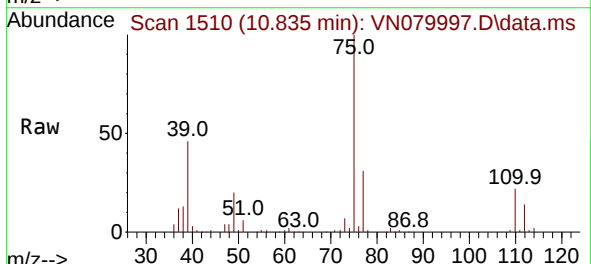
Manual Integrations
APPROVED

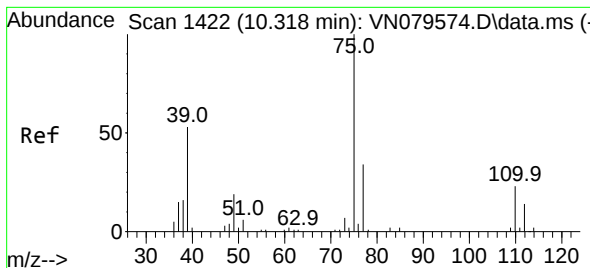
Reviewed By :John Carbone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#48
t-1,3-Dichloropropene
Concen: 19.001 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

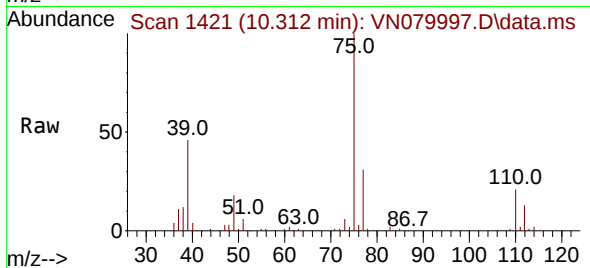
Tgt Ion: 75 Resp: 154330
Ion Ratio Lower Upper
75 100
77 30.2 25.6 38.4





#49
cis-1,3-Dichloropropene
Concen: 19.408 ug/l
RT: 10.312 min Scan# 1422
Delta R.T. -0.006 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

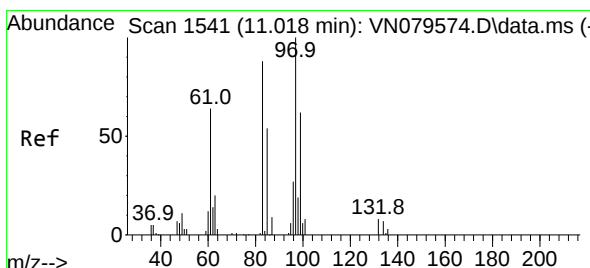
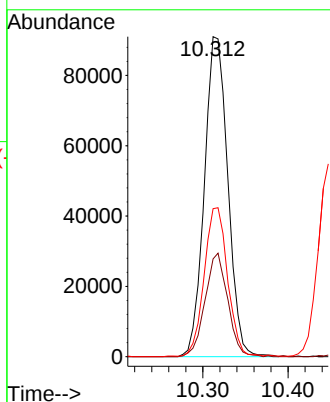
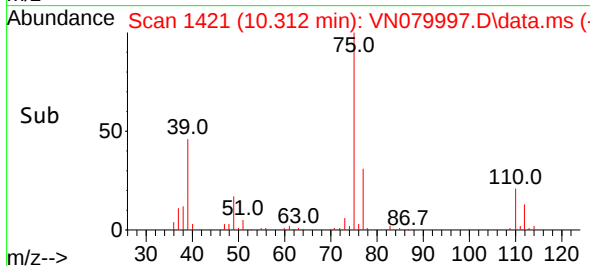
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



Tgt Ion: 75 Resp: 174264
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.6
39 46.1 42.4 63.6

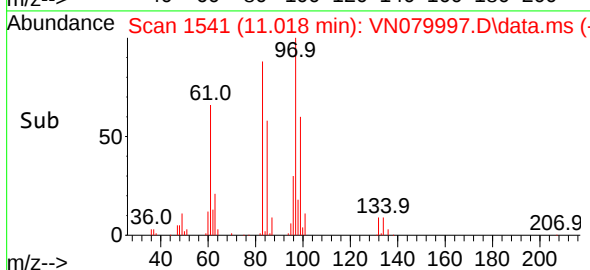
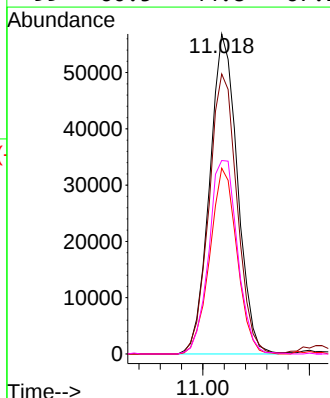
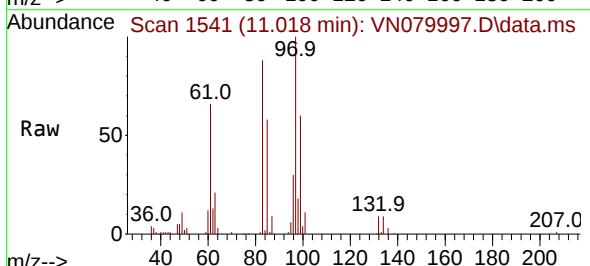
Manual Integrations
APPROVED

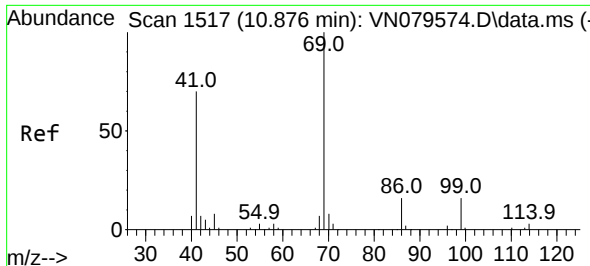
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#50
1,1,2-Trichloroethane
Concen: 19.657 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

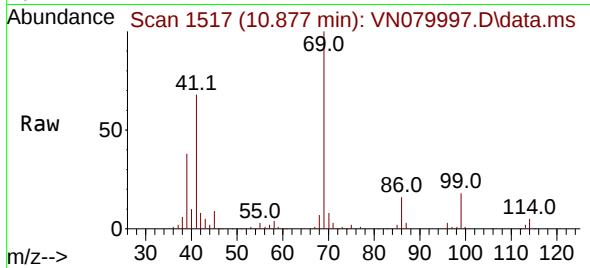
Tgt Ion: 97 Resp: 102968
Ion Ratio Lower Upper
97 100
83 87.5 68.2 102.4
85 58.1 42.9 64.3
99 60.5 44.8 67.2





#51
Ethyl methacrylate
Concen: 19.198 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

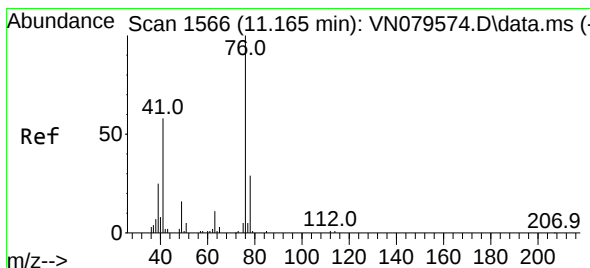
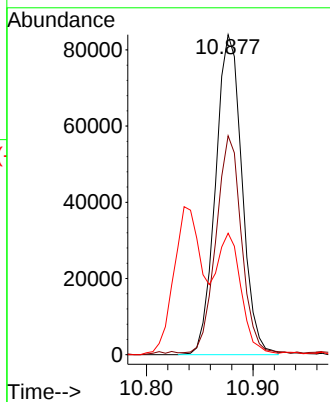
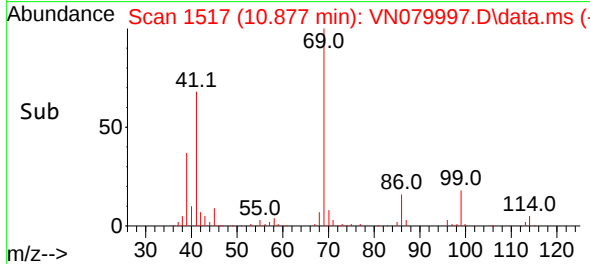
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



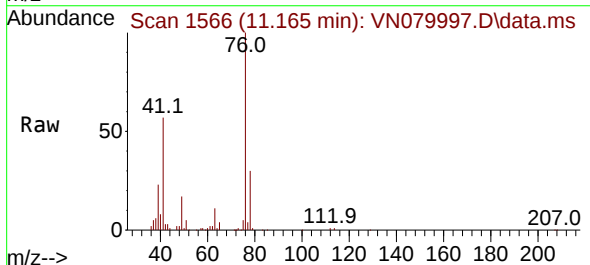
Tgt Ion: 69 Resp: 144544
Ion Ratio Lower Upper
69 100
41 67.8 33.8 101.3
39 37.5 21.3 63.9

Manual Integrations
APPROVED

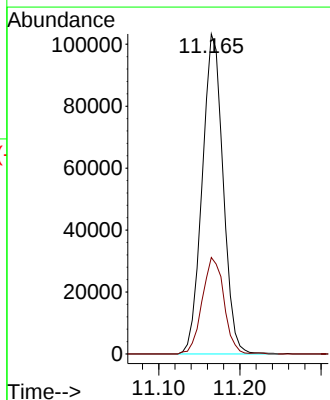
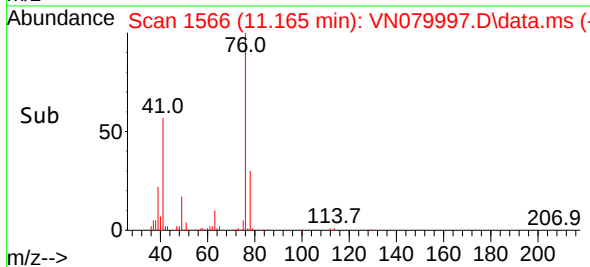
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

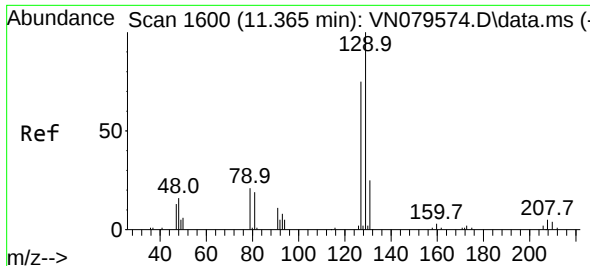


#52
1,3-Dichloropropane
Concen: 19.685 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57



Tgt Ion: 76 Resp: 184349
Ion Ratio Lower Upper
76 100
78 31.3 0.0 64.0





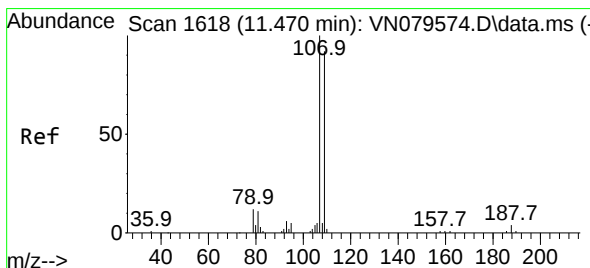
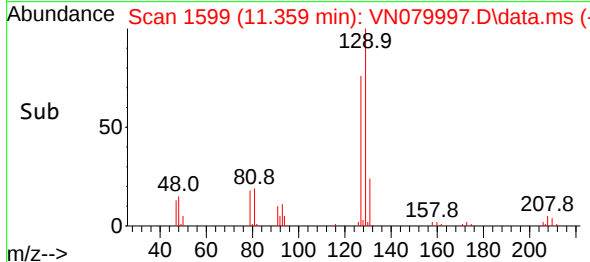
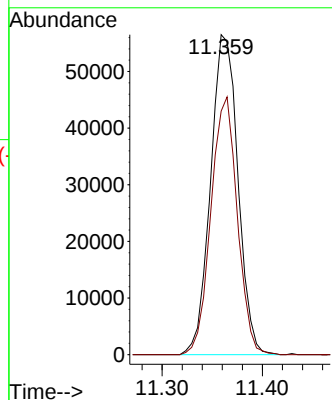
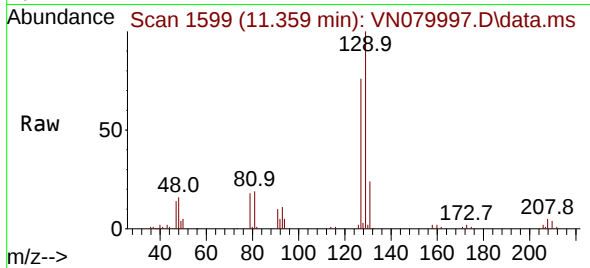
#53
Dibromochloromethane
Concen: 19.099 ug/l
RT: 11.359 min Scan# 1135
Delta R.T. -0.006 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01

Tgt Ion:129 Resp: 10702
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3

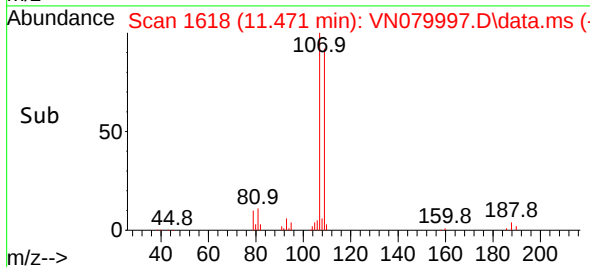
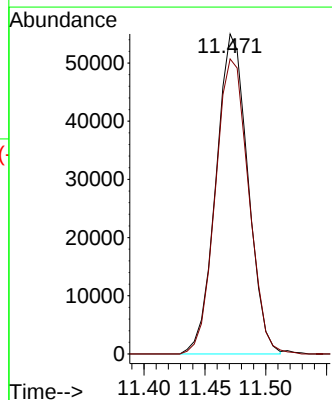
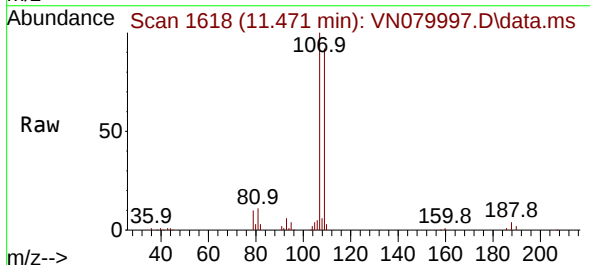
Manual Integrations
APPROVED

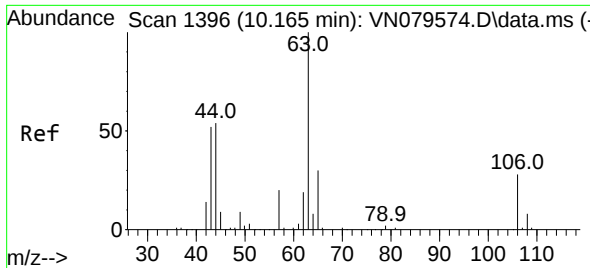
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#54
1,2-Dibromoethane
Concen: 19.066 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Tgt Ion:107 Resp: 100286
Ion Ratio Lower Upper
107 100
109 95.8 73.2 109.8





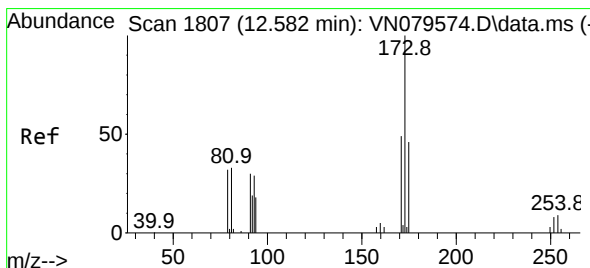
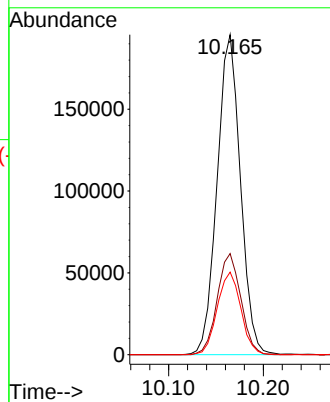
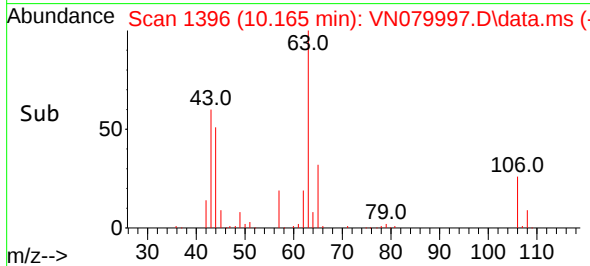
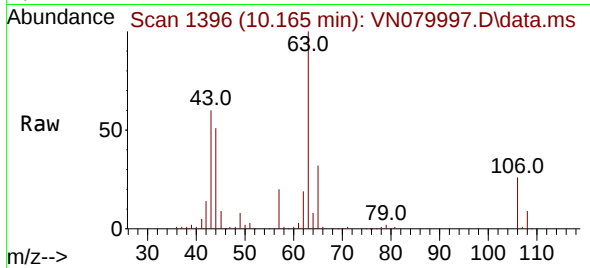
#55
2-Chloroethyl vinyl ether
Concen: 96.613 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01

Tgt Ion: 63 Resp: 33455
Ion Ratio Lower Upper
63 100
65 31.9 25.9 38.9
106 26.1 20.6 30.8

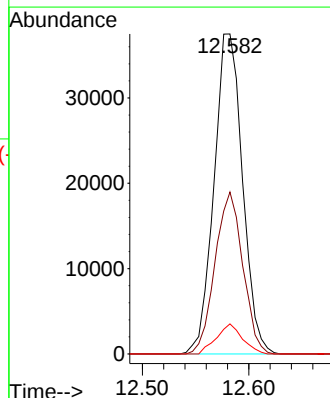
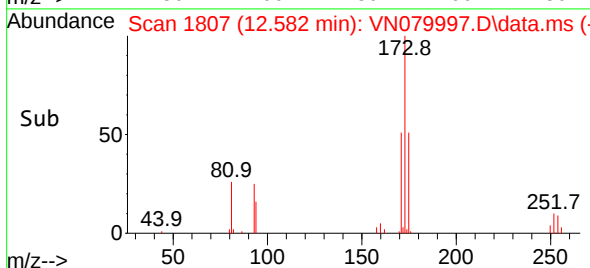
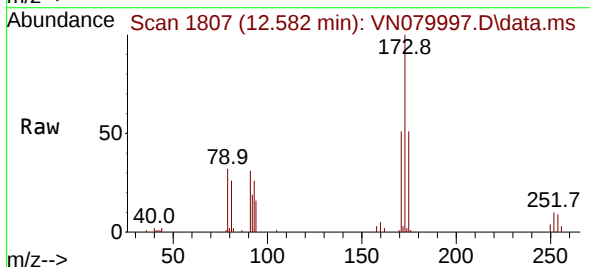
Manual Integrations
APPROVED

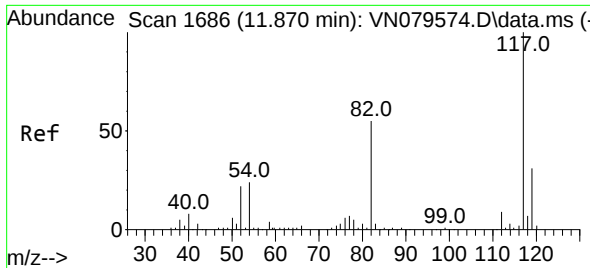
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#56
Bromoform
Concen: 18.964 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

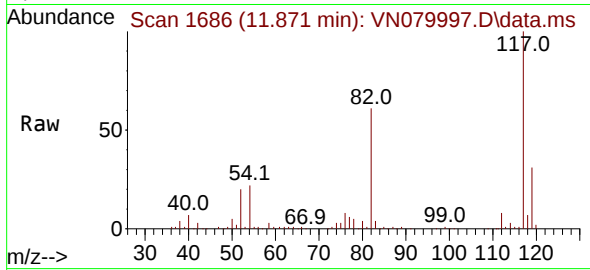
Tgt Ion:173 Resp: 69636
Ion Ratio Lower Upper
173 100
175 49.2 37.9 56.9
254 8.5 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.001 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

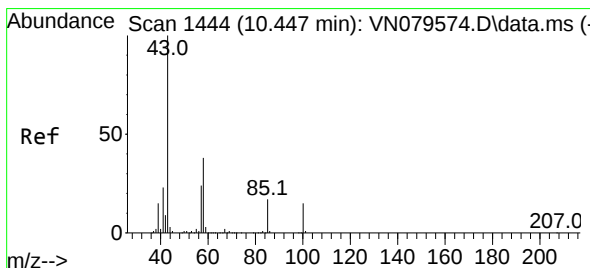
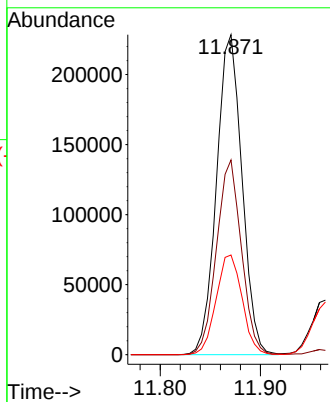
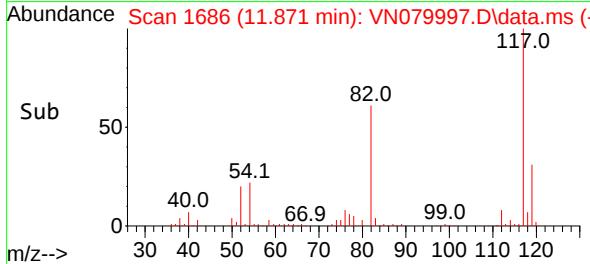
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



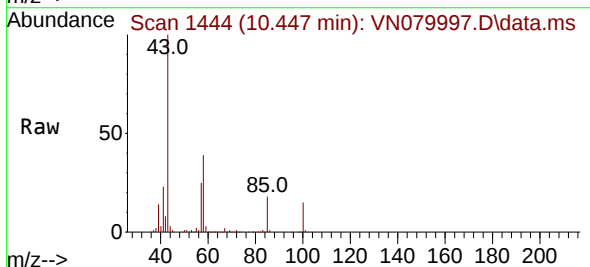
Tgt Ion:117 Resp: 402994
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.2
119 31.8 25.2 37.8

Manual Integrations
APPROVED

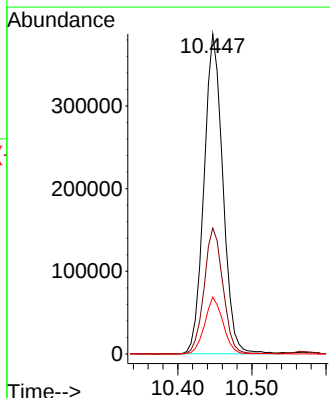
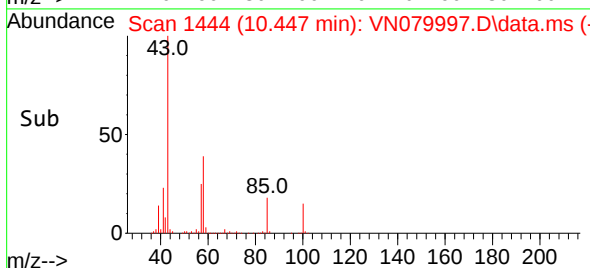
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

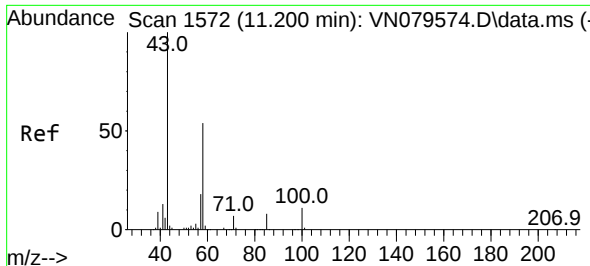


#58
4-Methyl-2-Pentanone
Concen: 101.535 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57



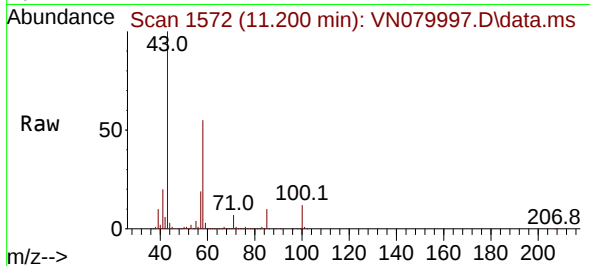
Tgt Ion: 43 Resp: 683601
Ion Ratio Lower Upper
43 100
58 39.4 30.4 45.6
85 17.2 13.2 19.8





#59
2-Hexanone
Concen: 97.933 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

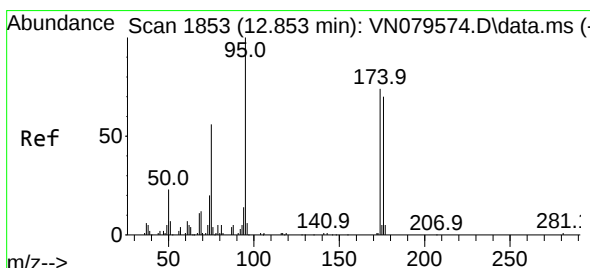
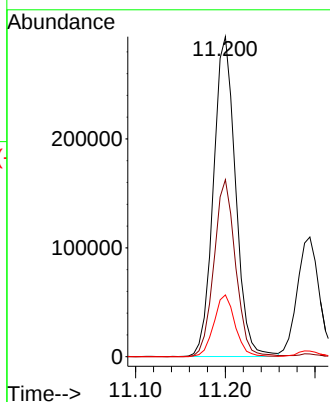
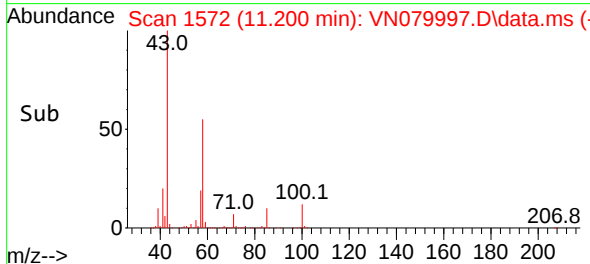
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



Tgt Ion: 43 Resp: 50227
Ion Ratio Lower Upper
43 100
58 53.9 42.3 63.5
57 18.7 13.9 20.9

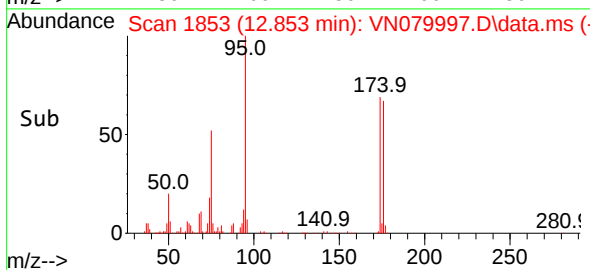
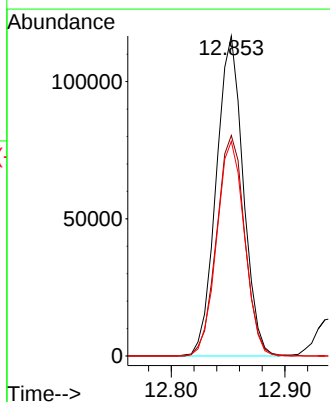
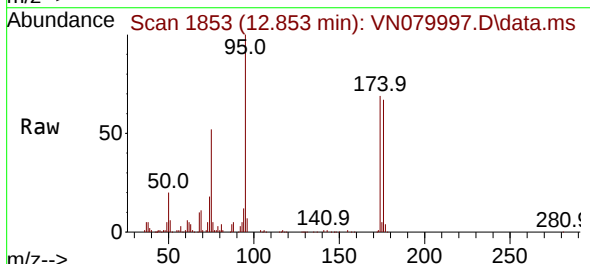
Manual Integrations
APPROVED

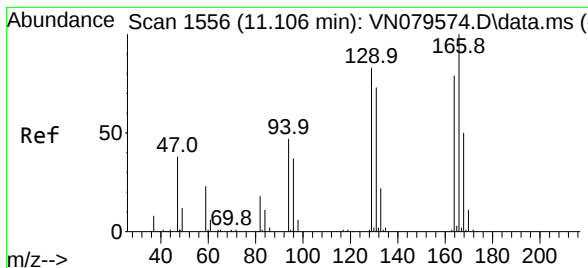
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#60
4-Bromofluorobenzene
Concen: 29.870 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Tgt Ion: 95 Resp: 192499
Ion Ratio Lower Upper
95 100
174 71.7 60.5 90.7
176 69.1 57.2 85.8





#61

Tetrachloroethene

Concen: 19.873 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBSD01

Tgt Ion:164 Resp: 93892

Ion Ratio Lower Upper

164 100

166 127.0 98.2 147.4

129 102.5 75.0 112.4

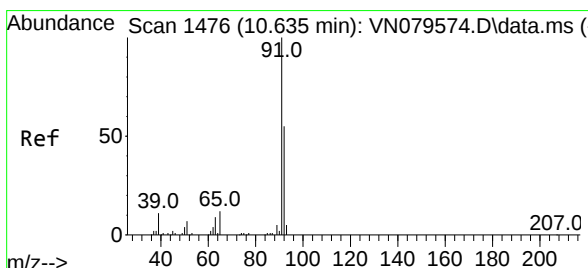
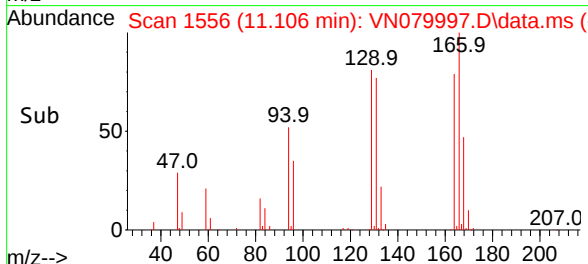
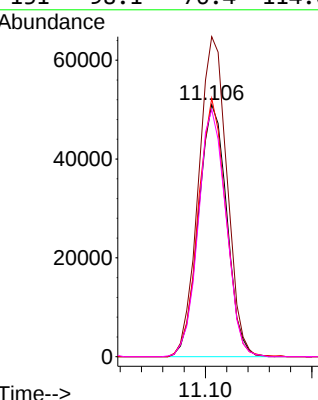
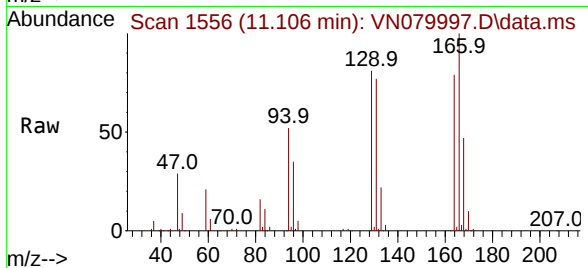
131 98.1 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#62

Toluene

Concen: 19.562 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079997.D

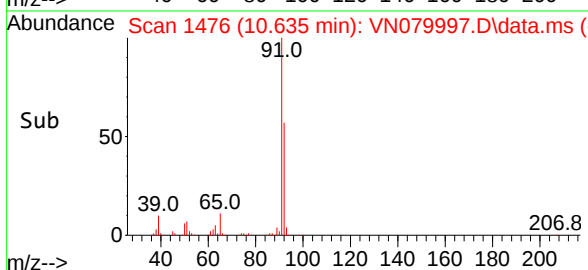
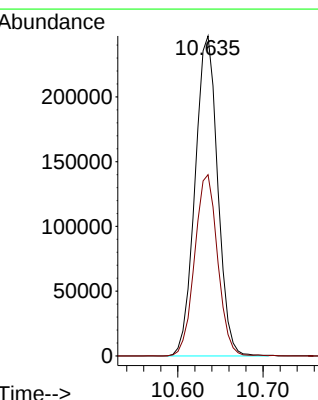
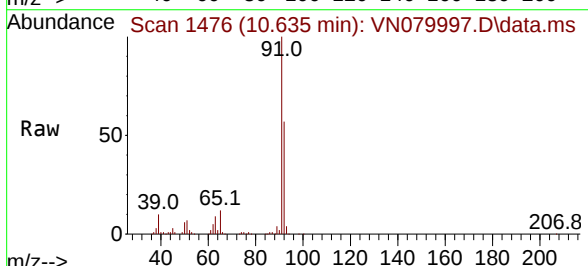
Acq: 08 Nov 2023 17:57

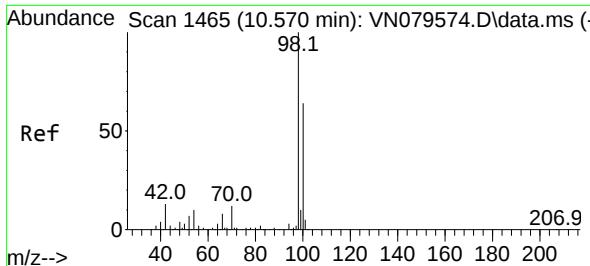
Tgt Ion: 91 Resp: 455952

Ion Ratio Lower Upper

91 100

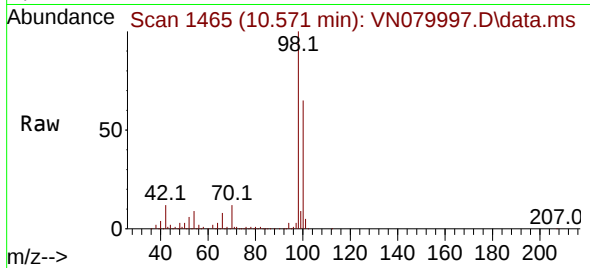
92 57.4 45.3 67.9





#63
Toluene-d8
Concen: 30.409 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

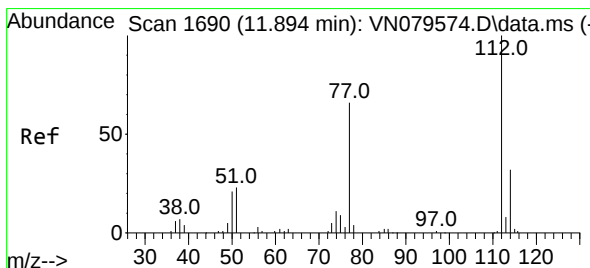
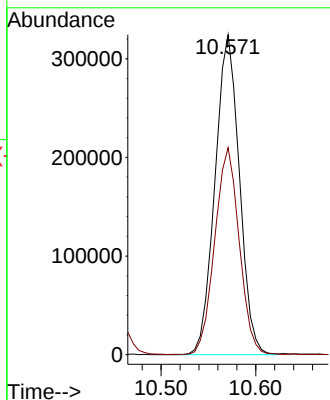
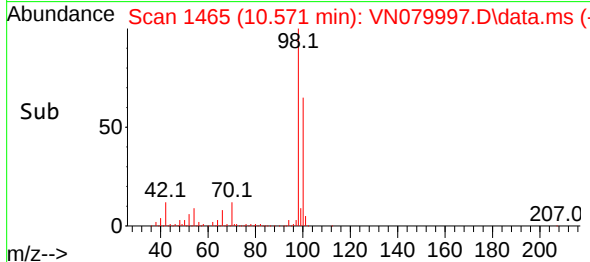
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



Tgt Ion: 98 Resp: 580658
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4

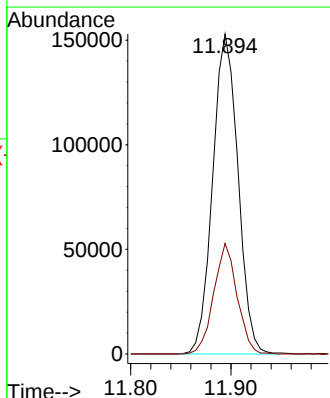
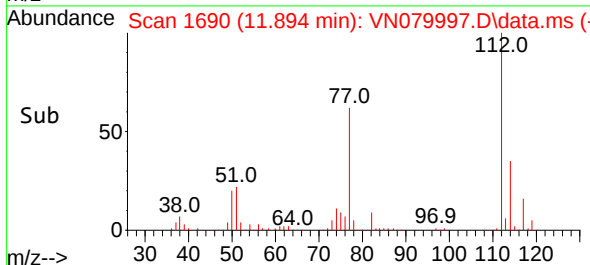
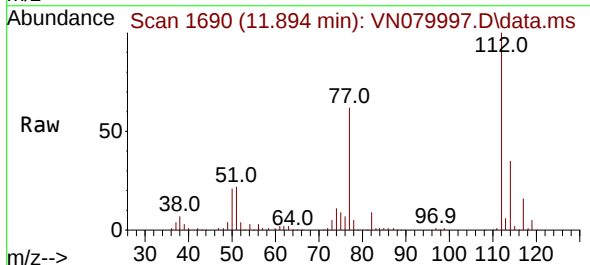
Manual Integrations
APPROVED

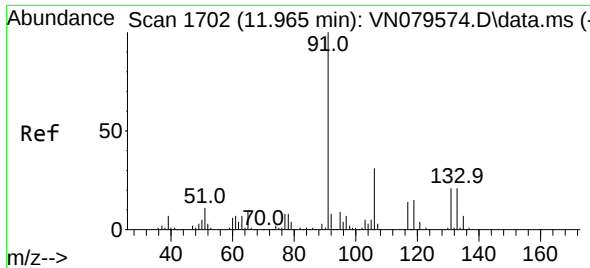
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#64
Chlorobenzene
Concen: 19.292 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Tgt Ion:112 Resp: 268344
Ion Ratio Lower Upper
112 100
114 34.6 28.1 42.1





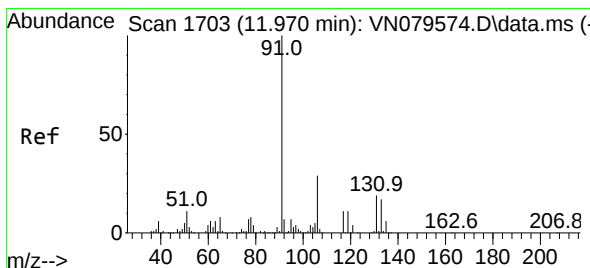
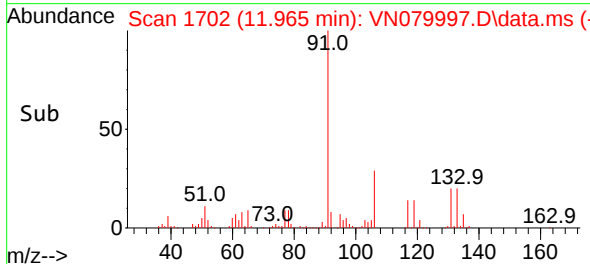
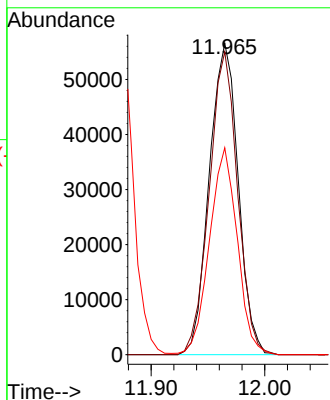
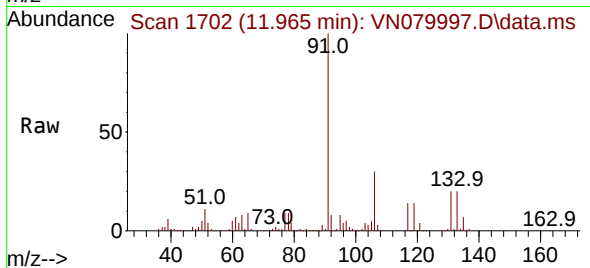
#65
1,1,1,2-Tetrachloroethane
Concen: 19.628 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01

Tgt Ion:131 Resp: 100149
Ion Ratio Lower Upper
131 100
133 95.3 0.0 196.0
119 63.9 0.0 135.6

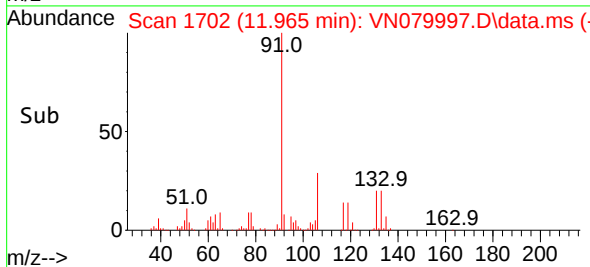
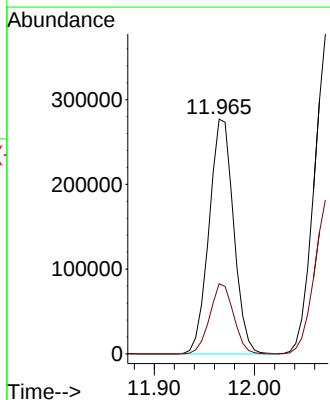
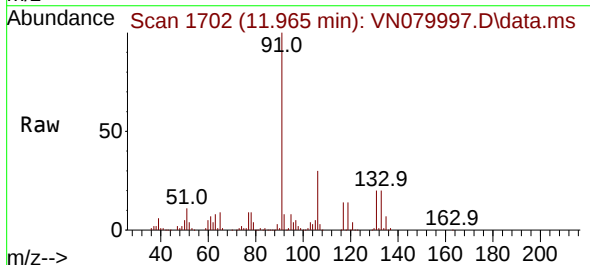
Manual Integrations
APPROVED

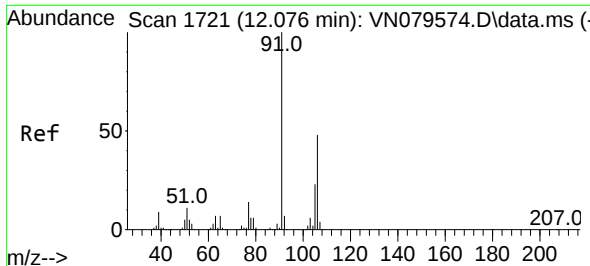
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#66
Ethyl Benzene
Concen: 19.303 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.005 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Tgt Ion: 91 Resp: 472789
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.8





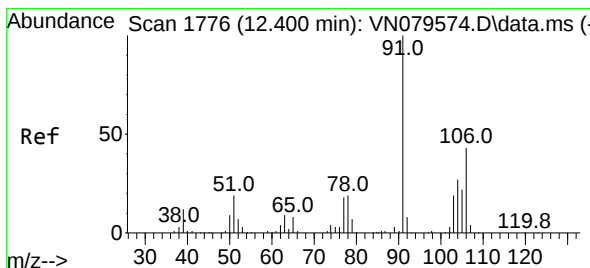
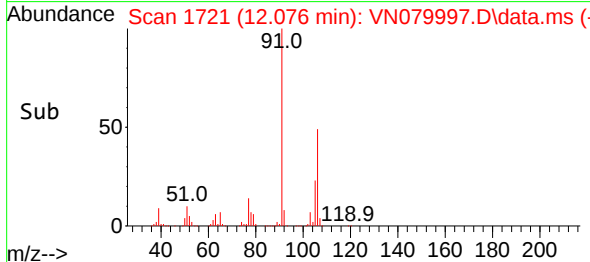
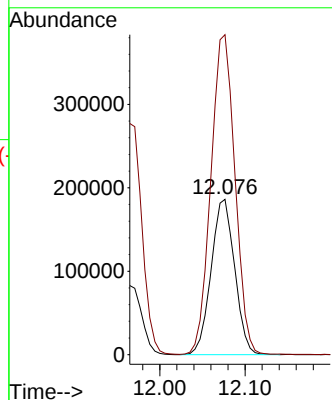
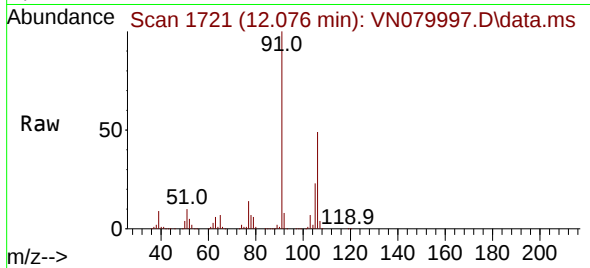
#67
m/p-Xylenes
Concen: 39.195 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01

Tgt Ion:106 Resp: 357404
Ion Ratio Lower Upper
106 100
91 211.0 161.8 242.6

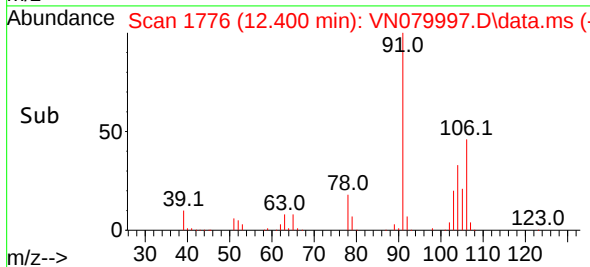
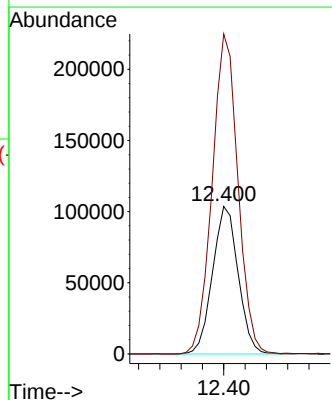
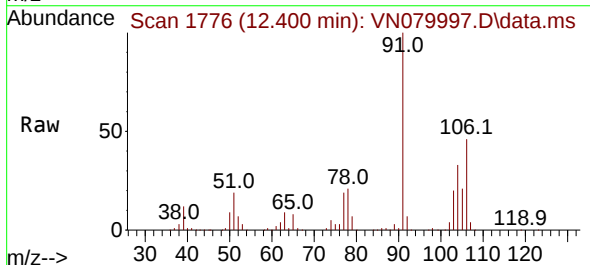
Manual Integrations
APPROVED

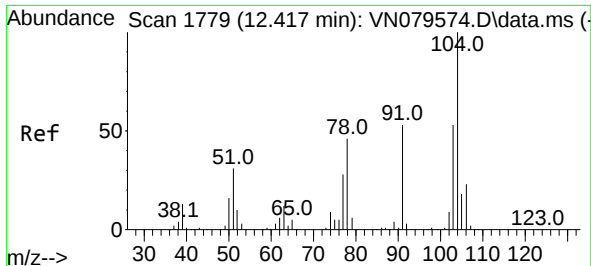
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#68
o-Xylene
Concen: 19.773 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

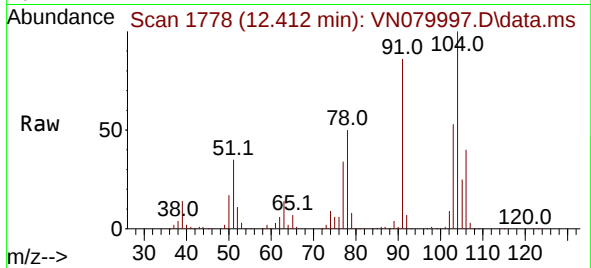
Tgt Ion:106 Resp: 172817
Ion Ratio Lower Upper
106 100
91 217.9 109.9 329.7





#69
Styrene
Concen: 19.606 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

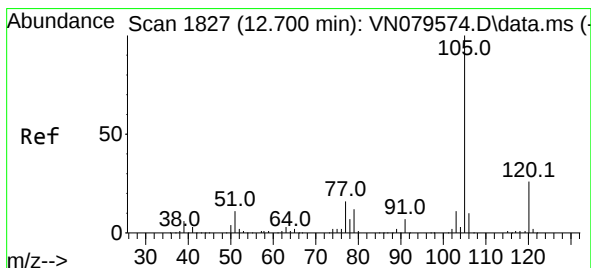
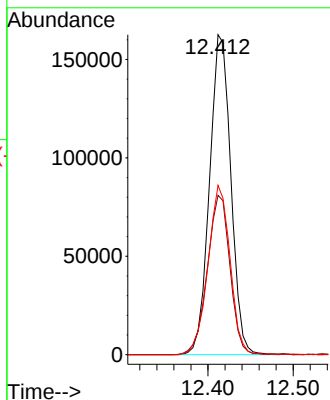
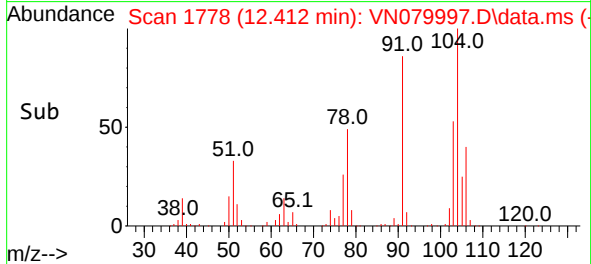
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



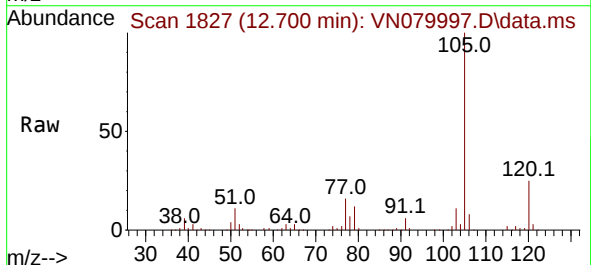
Tgt Ion:104 Resp: 283674
Ion Ratio Lower Upper
104 100
78 52.8 41.2 61.8
103 54.7 43.1 64.7

Manual Integrations
APPROVED

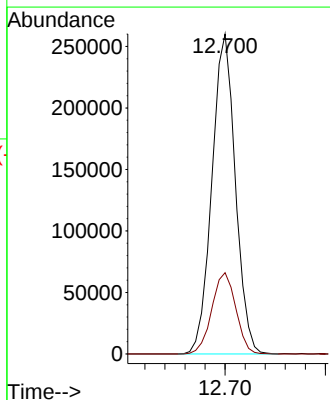
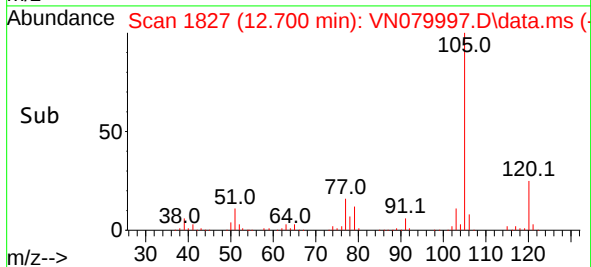
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

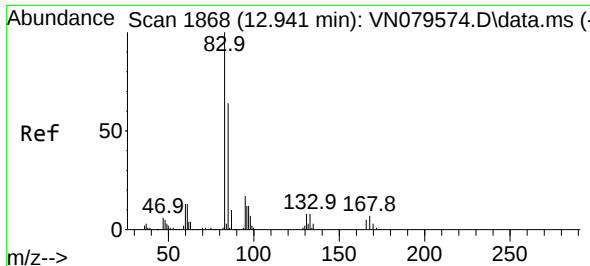


#70
Isopropylbenzene
Concen: 19.352 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57



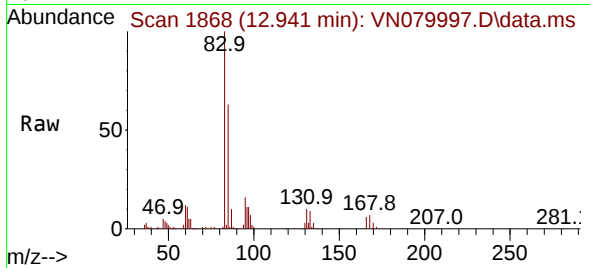
Tgt Ion:105 Resp: 421912
Ion Ratio Lower Upper
105 100
120 26.0 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 19.757 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

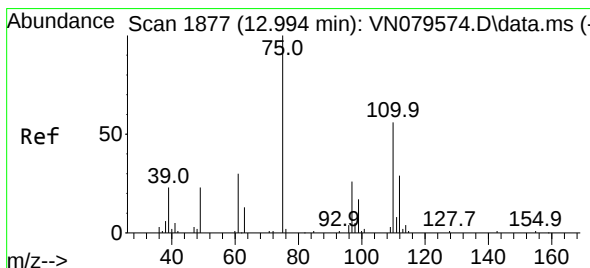
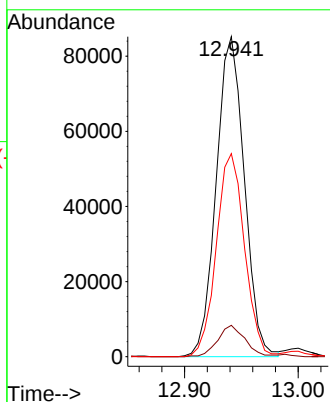
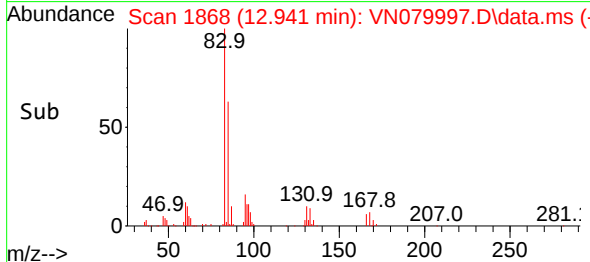
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



Tgt Ion: 83 Resp: 146708
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.4
85 63.7 32.1 96.3

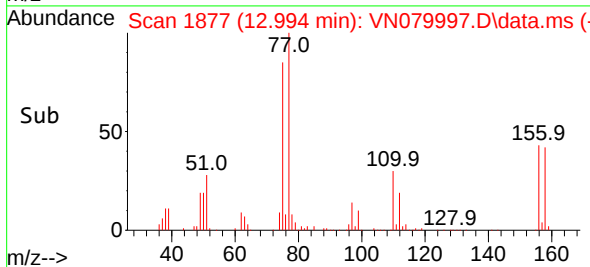
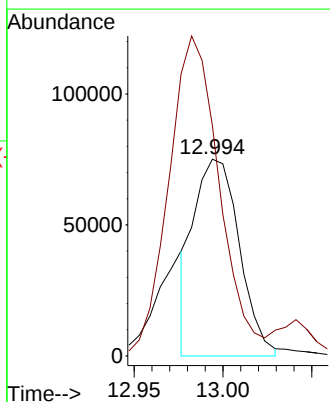
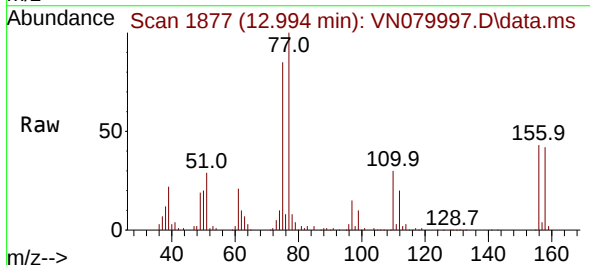
Manual Integrations
APPROVED

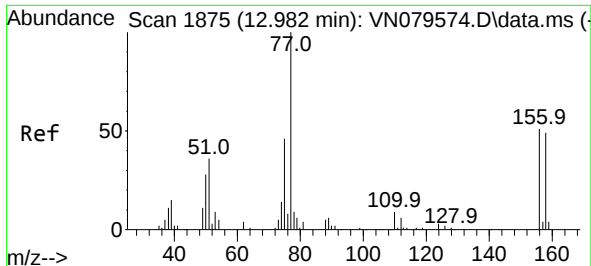
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#72
1,2,3-Trichloropropane
Concen: 19.317 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

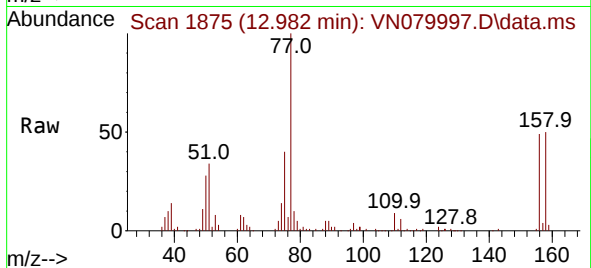
Tgt Ion: 75 Resp: 133274
Ion Ratio Lower Upper
75 100
77 182.0 0.0 338.2





#73
Bromobenzene
Concen: 19.031 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

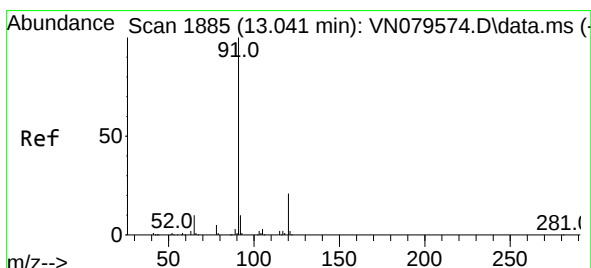
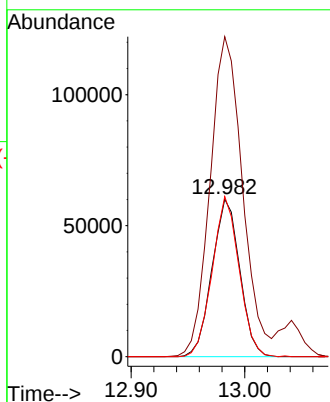
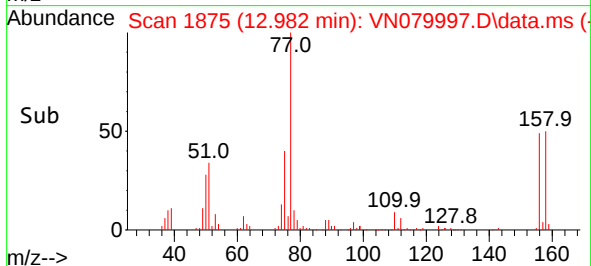
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



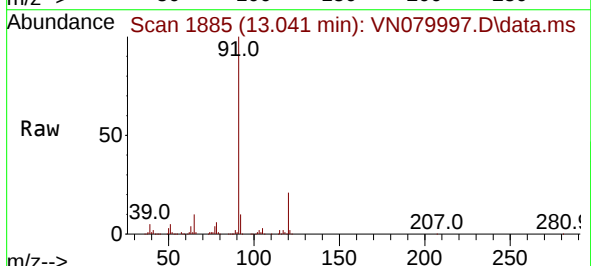
Tgt Ion:156 Resp: 102000
Ion Ratio Lower Upper
156 100
77 237.9 0.0 448.2
158 98.7 0.0 194.8

Manual Integrations
APPROVED

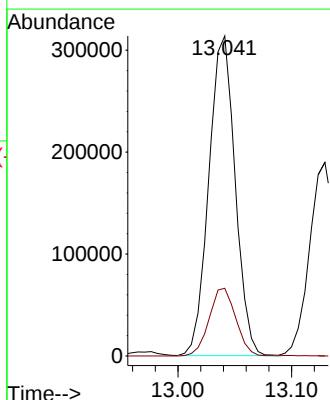
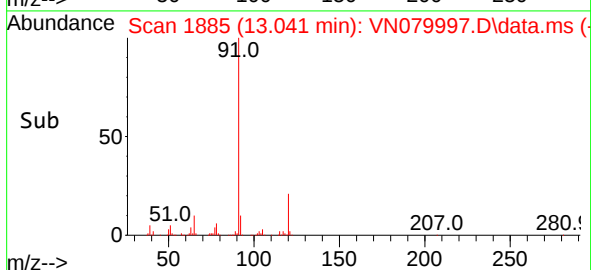
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

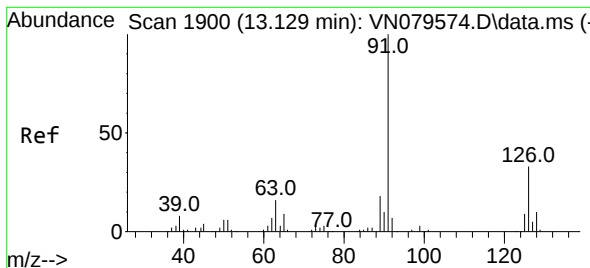


#74
n-propylbenzene
Concen: 19.389 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57



Tgt Ion: 91 Resp: 505671
Ion Ratio Lower Upper
91 100
120 21.4 0.0 42.0





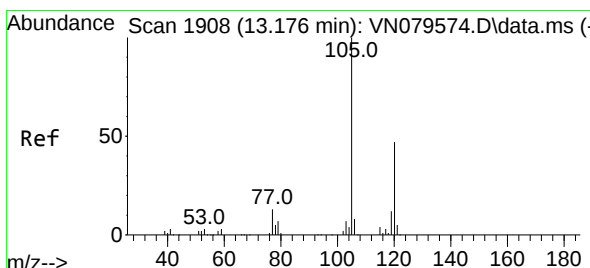
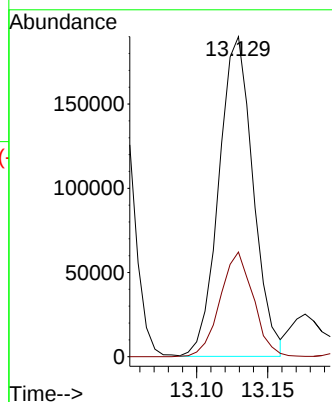
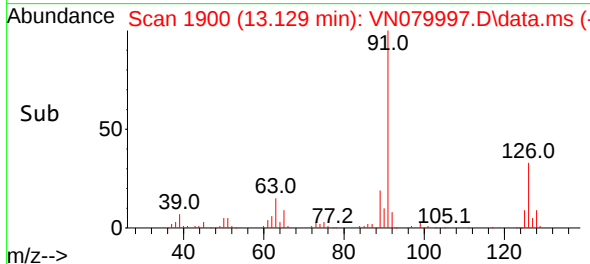
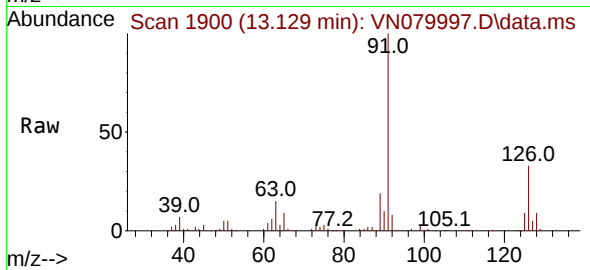
#75
2-Chlorotoluene
Concen: 19.237 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01

Tgt Ion: 91 Resp: 31890
Ion Ratio Lower Upper
91 100
126 31.8 0.0 64.6

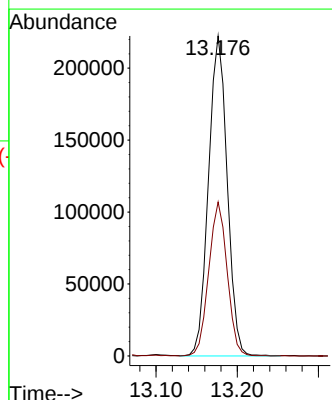
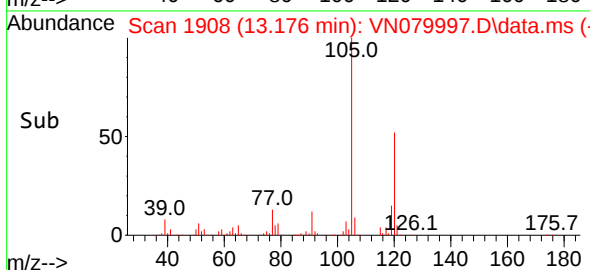
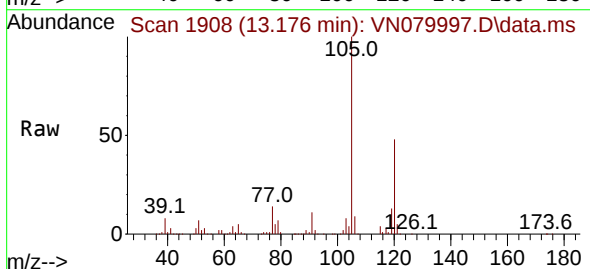
Manual Integrations
APPROVED

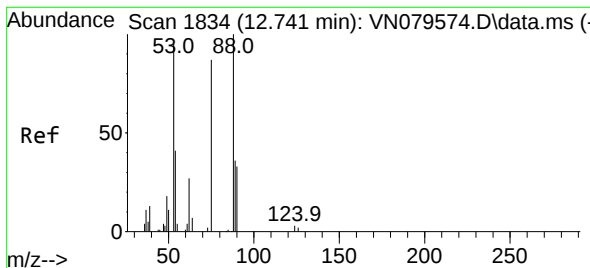
Reviewed By :John Carbone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.705 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

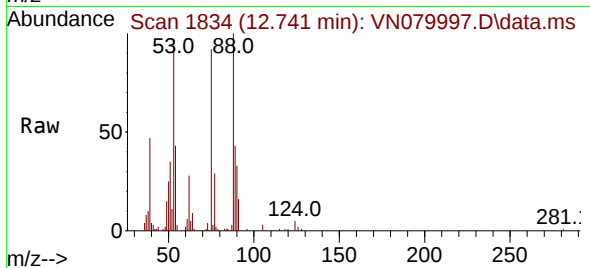
Tgt Ion:105 Resp: 355318
Ion Ratio Lower Upper
105 100
120 47.3 0.0 93.2





#77
t-1,4-Dichloro-2-butene
Concen: 18.895 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

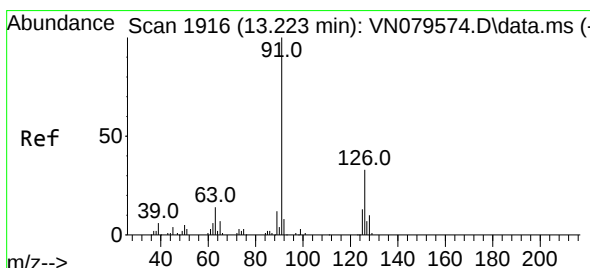
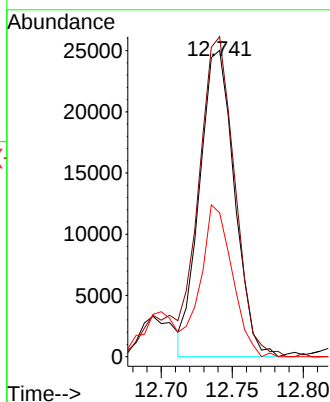
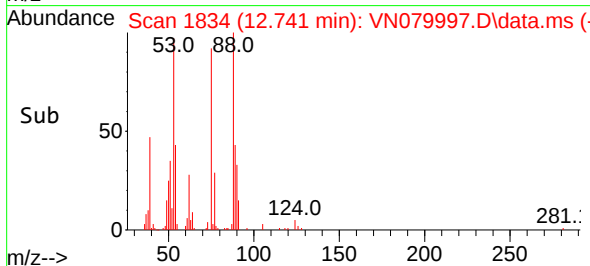
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



Tgt Ion: 75 Resp: 42688
Ion Ratio Lower Upper
75 100
53 102.7 53.0 159.1
89 46.9 22.6 67.7

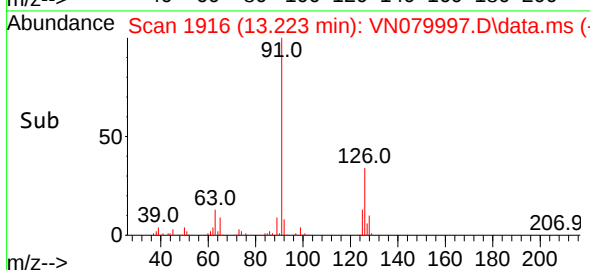
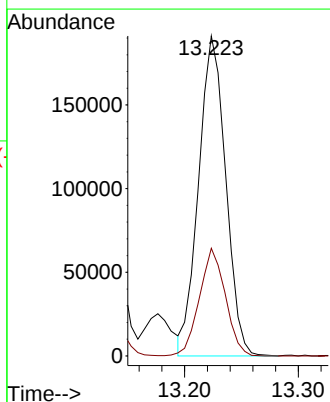
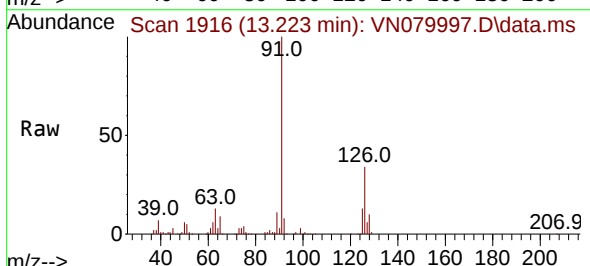
Manual Integrations
APPROVED

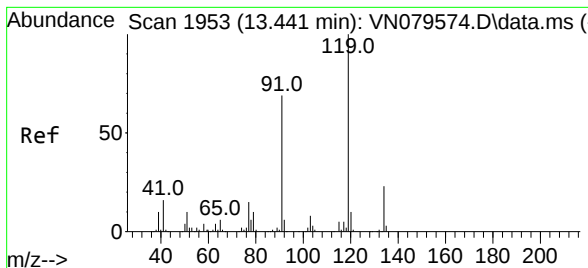
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#78
4-Chlorotoluene
Concen: 19.224 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

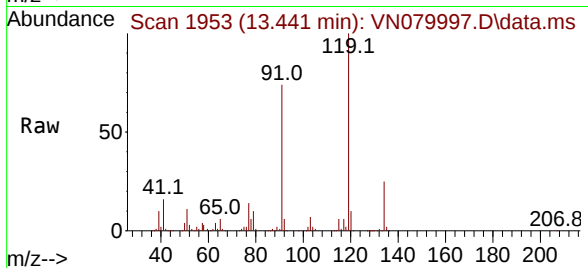
Tgt Ion: 91 Resp: 316513
Ion Ratio Lower Upper
91 100
126 32.3 0.0 65.4





#79
tert-butylbenzene
Concen: 19.246 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

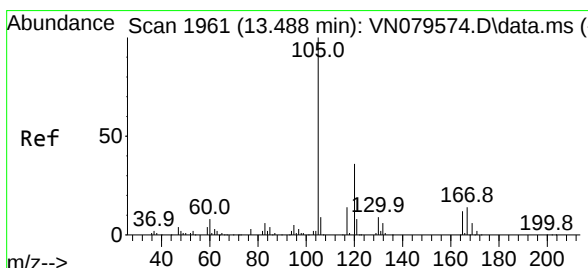
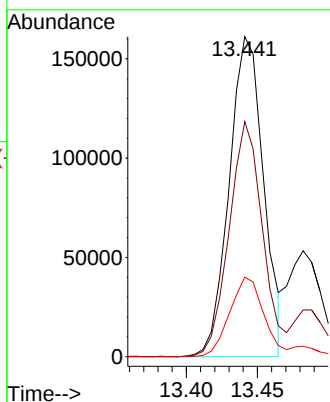
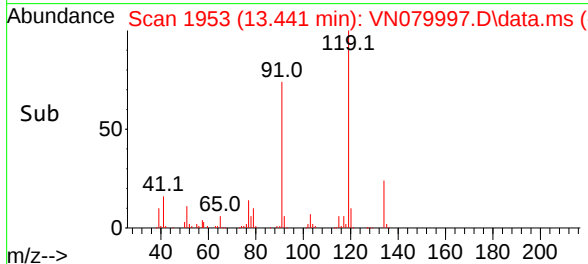
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



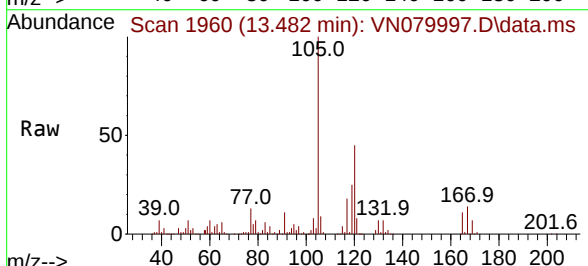
Tgt Ion:119 Resp: 271798
Ion Ratio Lower Upper
119 100
91 71.7 0.0 140.6
134 24.5 0.0 49.8

Manual Integrations
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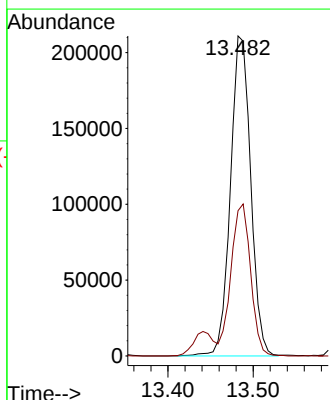
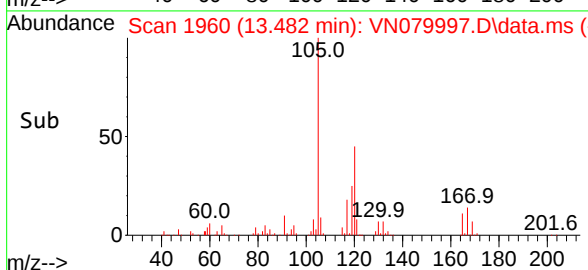
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

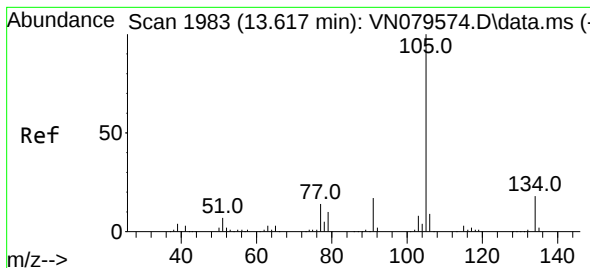


#80
1,2,4-Trimethylbenzene
Concen: 19.739 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57



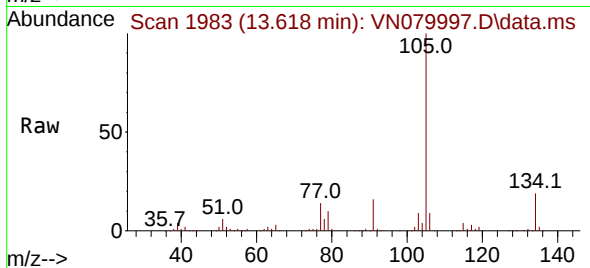
Tgt Ion:105 Resp: 349014
Ion Ratio Lower Upper
105 100
120 45.9 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 19.396 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.001 min
 Lab File: VN079997.D
 Acq: 08 Nov 2023 17:57

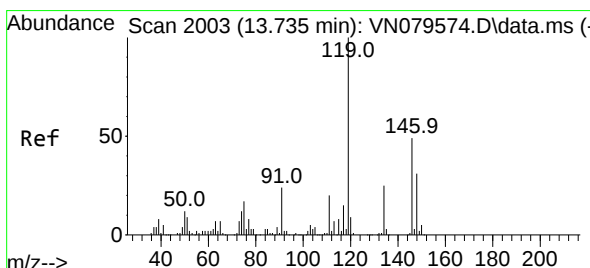
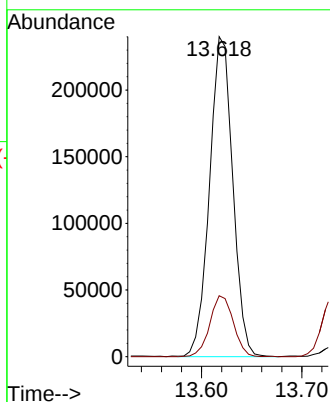
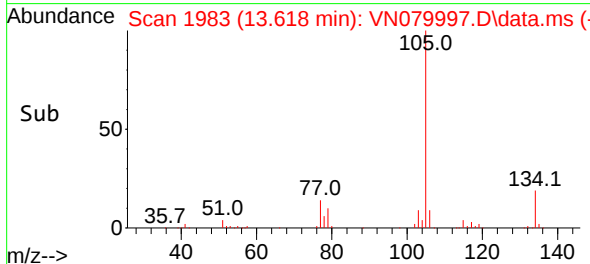
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBSD01



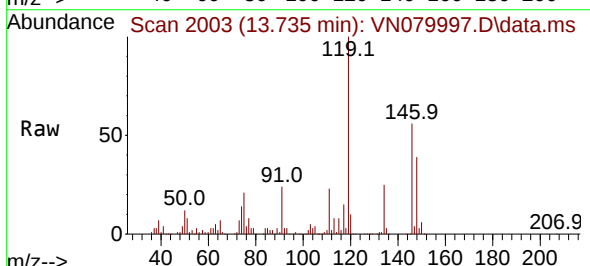
Tgt Ion:105 Resp: 386644
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.2

Manual Integrations
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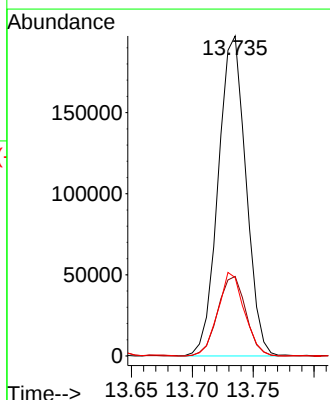
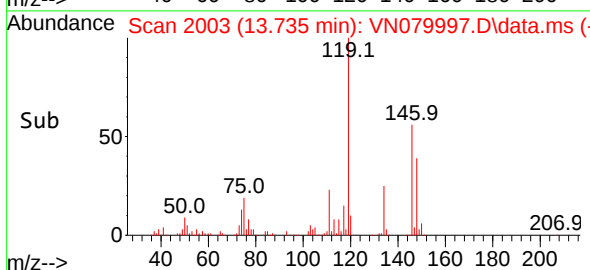
Reviewed By :John Carbone 11/09/2023
 Supervised By :Semsettin Yesilyurt 11/09/2023

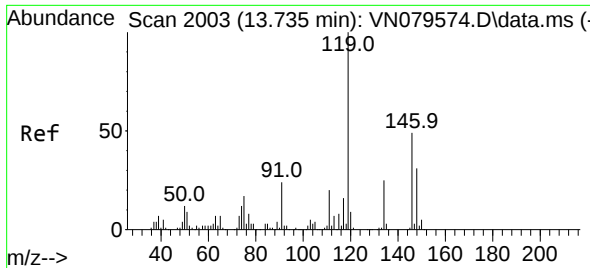


#82
 p-Isopropyltoluene
 Concen: 19.289 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079997.D
 Acq: 08 Nov 2023 17:57



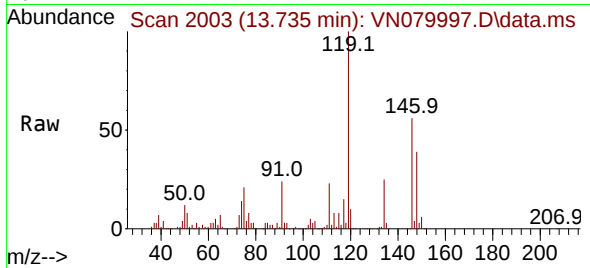
Tgt Ion:119 Resp: 312279
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 52.2
 91 25.0 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 18.883 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

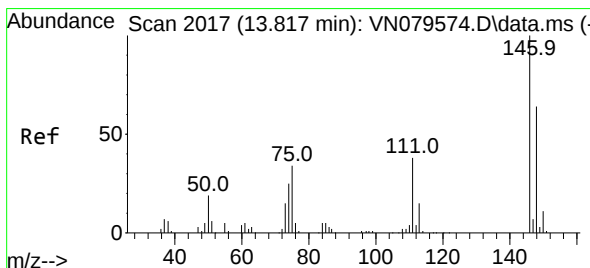
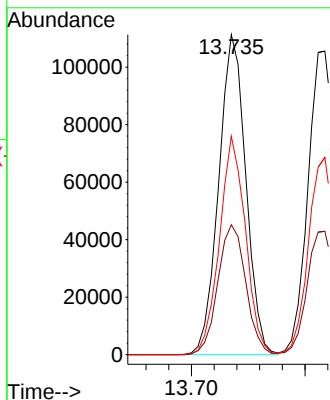
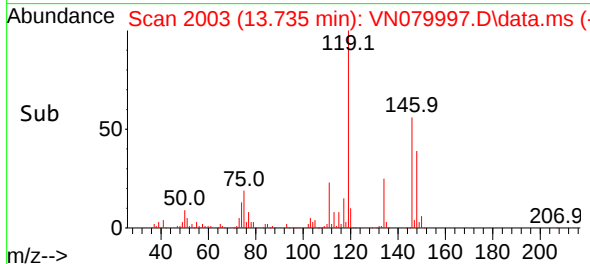
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



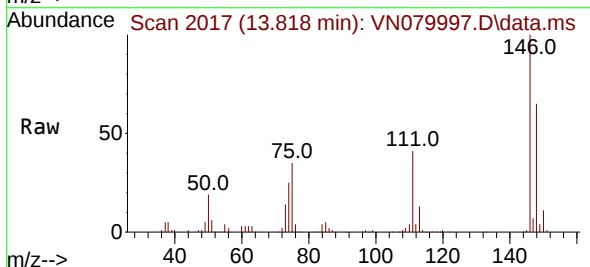
Tgt Ion:146 Resp: 184415
Ion Ratio Lower Upper
146 100
111 41.8 21.0 63.0
148 65.6 32.4 97.0

Manual Integrations
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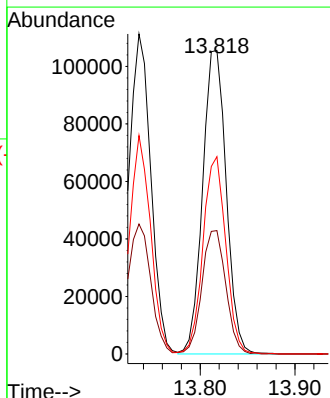
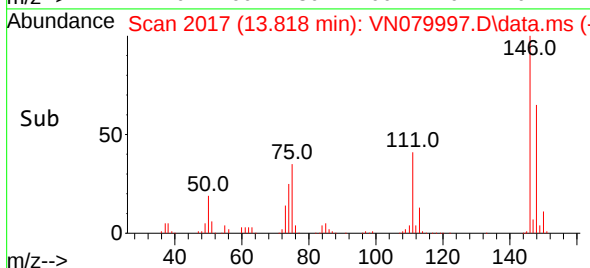
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

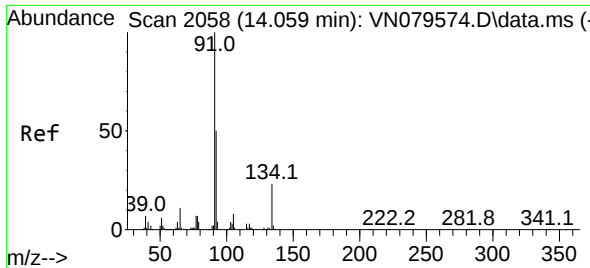


#84
1,4-Dichlorobenzene
Concen: 19.061 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.001 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57



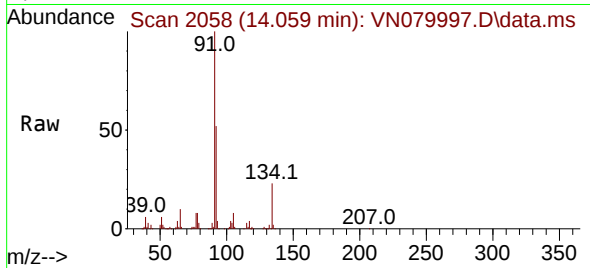
Tgt Ion:146 Resp: 182719
Ion Ratio Lower Upper
146 100
111 41.2 19.9 59.7
148 62.8 32.6 97.7





#85
n-Butylbenzene
Concen: 18.178 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

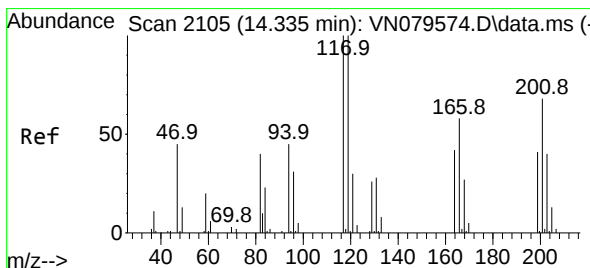
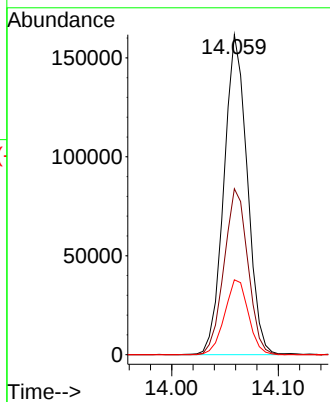
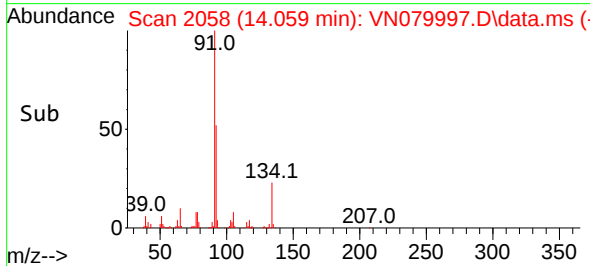
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



Tgt Ion: 91 Resp: 24613
Ion Ratio Lower Upper
91 100
92 53.0 0.0 99.6
134 23.8 0.0 46.2

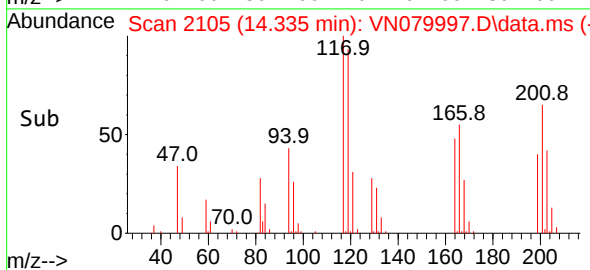
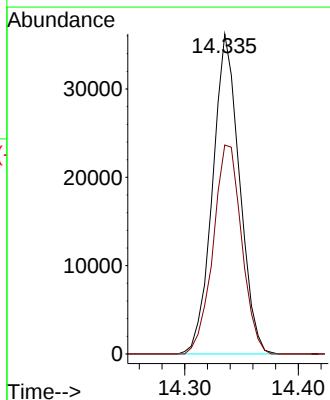
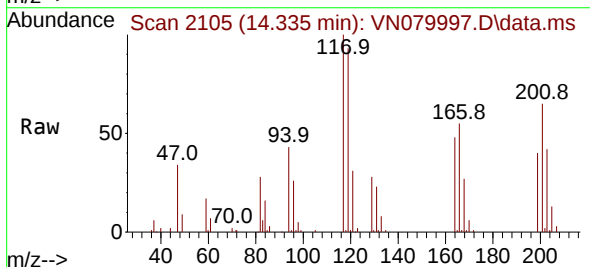
Manual Integrations
APPROVED

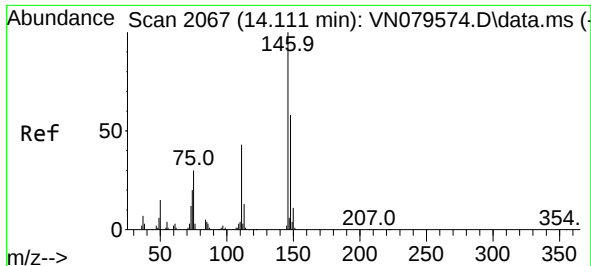
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#86
Hexachloroethane
Concen: 18.917 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

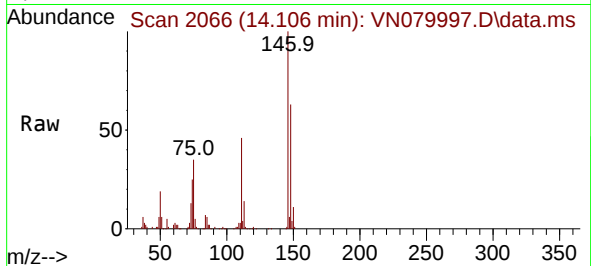
Tgt Ion:117 Resp: 59552
Ion Ratio Lower Upper
117 100
201 69.3 32.5 97.5





#87
1,2-Dichlorobenzene
Concen: 19.254 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.005 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

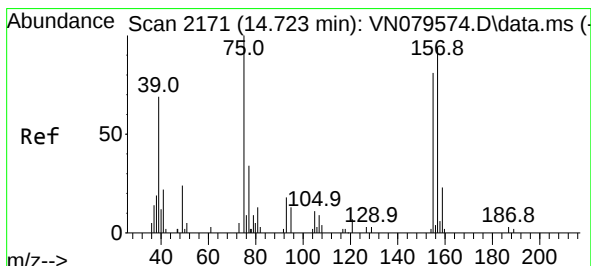
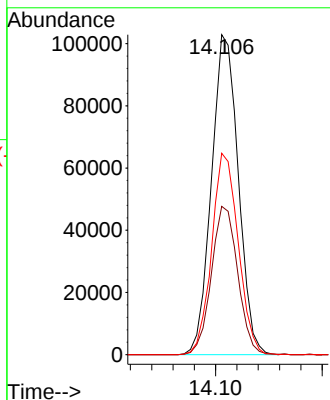
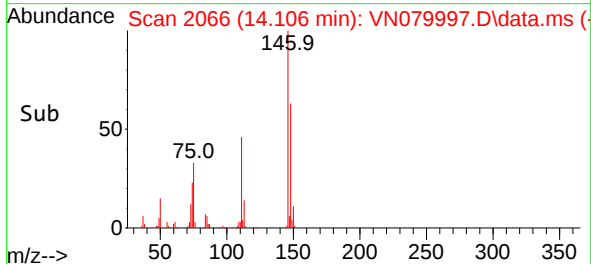
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



Tgt Ion:146 Resp: 179640
Ion Ratio Lower Upper
146 100
111 45.5 22.0 66.0
148 62.2 31.1 93.5

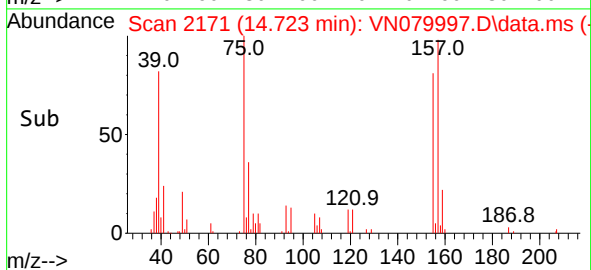
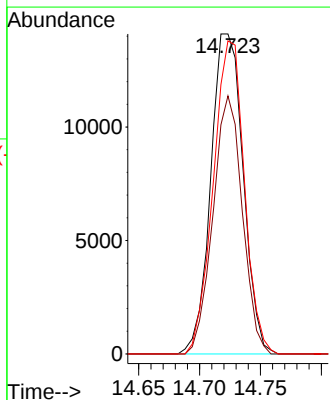
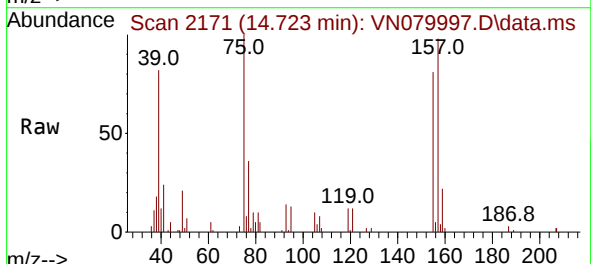
Manual Integrations
APPROVED

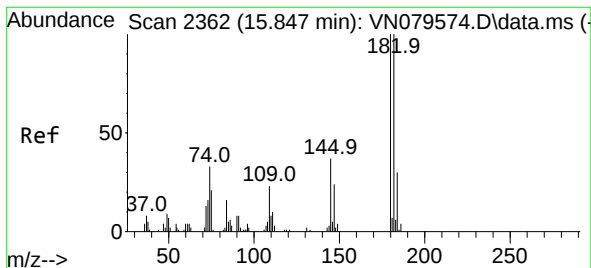
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.184 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Tgt Ion: 75 Resp: 26050
Ion Ratio Lower Upper
75 100
155 73.3 60.7 91.1
157 94.1 76.8 115.2





#89

1,2,4-Trichlorobenzene

Concen: 18.607 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBSD01

Tgt Ion:180 Resp: 8043

Ion Ratio Lower Upper

180 100

182 96.1 74.2 111.4

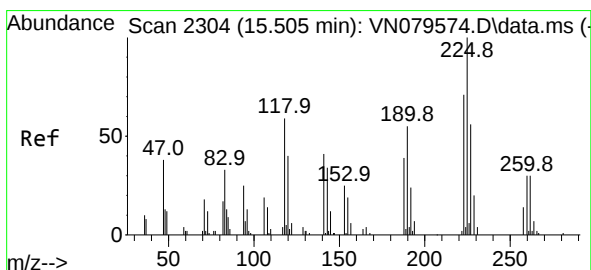
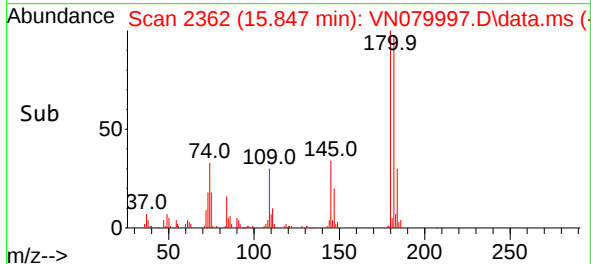
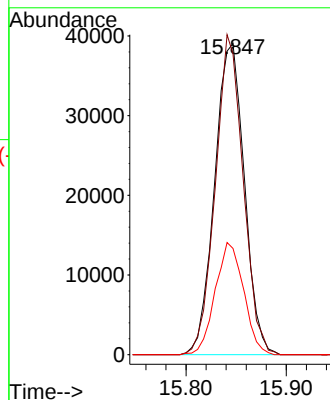
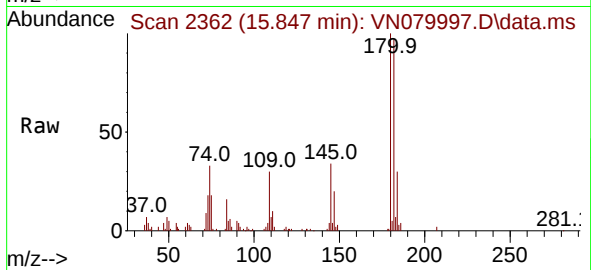
145 34.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#90

Hexachlorobutadiene

Concen: 17.615 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.001 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

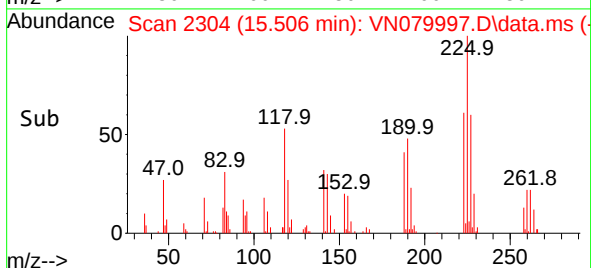
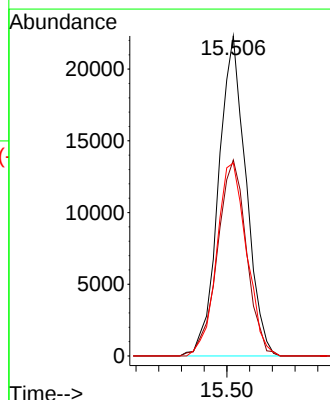
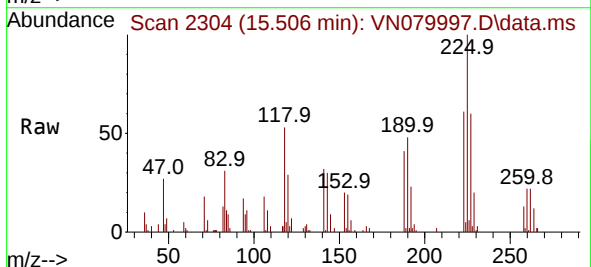
Tgt Ion:225 Resp: 37526

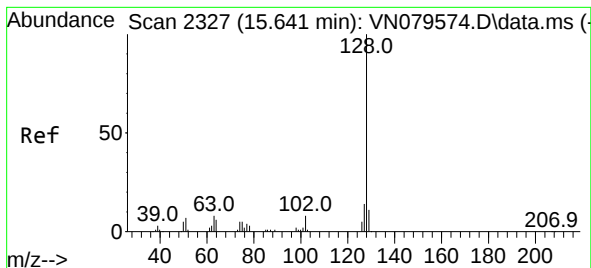
Ion Ratio Lower Upper

225 100

223 64.7 0.0 126.0

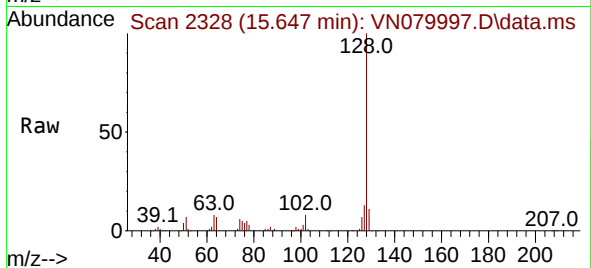
227 65.8 0.0 127.0





#91
Naphthalene
Concen: 17.558 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

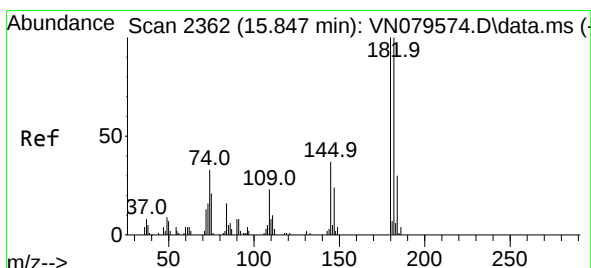
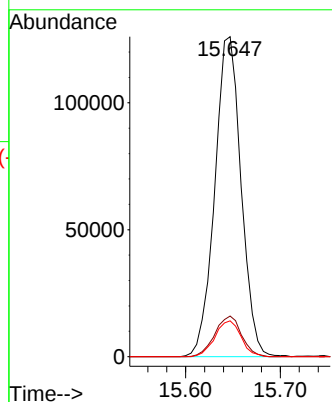
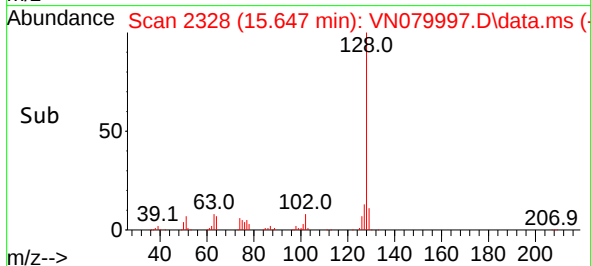
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBSD01



Tgt Ion:128 Resp: 24355
Ion Ratio Lower Upper
128 100
127 12.9 10.9 16.3
129 11.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#92
1,2,3-Trichlorobenzene
Concen: 18.607 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079997.D
Acq: 08 Nov 2023 17:57

Tgt Ion:180 Resp: 80431
Ion Ratio Lower Upper
180 100
182 96.1 0.0 185.6
145 34.5 0.0 63.6

