

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080223\
 Data File : VN078736.D
 Acq On : 02 Aug 2023 18:50
 Operator : JC\MD
 Sample : VN0802WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/03/2023
 Supervised By : Semsettin Yesilyurt 08/03/2023

Quant Time: Aug 03 07:10:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	98294	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	620912	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	591730	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	218991	29.722	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.067%		
60) 4-Bromofluorobenzene	12.859	95	221035	24.925	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	83.100%		
63) Toluene-d8	10.571	98	1077950	36.877	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	122.933%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	99664	16.075	ug/l	99
3) Chloromethane	2.371	50	161338	21.140	ug/l	98
4) Vinyl Chloride	2.524	62	201964	19.472	ug/l	91
5) Bromomethane	2.971	94	128119	16.525	ug/l	97
6) Chloroethane	3.130	64	122632	18.155	ug/l	97
7) Trichlorofluoromethane	3.506	101	192375	18.082	ug/l	99
8) Diethyl Ether	3.977	74	63363	18.242	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	100406	17.582	ug/l	94
10) 1,1-Dichloroethene	4.353	96	95216	17.387	ug/l	92
11) Methyl Iodide	4.600	142	143157	18.598	ug/l	97
12) Methyl Acetate	5.036	43	77967	8.778	ug/l	99
13) Acrolein	4.195	56	79910	84.483	ug/l	99
14) Acrylonitrile	5.736	53	236582	90.959	ug/l	94
15) Acetone	4.448	58	62863	83.418	ug/l	84
16) Carbon Disulfide	4.724	76	259185	16.755	ug/l	98
17) Allyl chloride	5.042	41	129506	17.320	ug/l	98
18) Methylene Chloride	5.283	84	118910	18.099	ug/l #	94
19) trans-1,2-Dichloroethene	5.795	96	106670	16.847	ug/l	91
20) Diisopropyl ether	6.689	45	297587	17.676	ug/l	99
21) 1,1-Dichloroethane	6.577	63	200145	17.954	ug/l	97
22) cis-1,2-Dichloroethene	7.500	96	124831	17.556	ug/l	99
23) tert-Butyl Alcohol	5.542	59	93268	87.754	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	327213	17.769	ug/l	97
25) Chloroform	7.977	83	219992	18.640	ug/l	98
26) Cyclohexane	8.265	56	148884	18.131	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	153573	16.809	ug/l	99
30) 2-Butanone	7.494	43	289865	80.259	ug/l	99
31) 2,2-Dichloropropane	7.500	77	150202	14.327	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	198663	17.187	ug/l	100
33) Carbon Tetrachloride	8.371	117	175187	17.064	ug/l	94
34) Benzene	8.612	78	470465	17.143	ug/l	97
35) Methacrylonitrile	7.788	41	67499	17.019	ug/l	88
36) 1,2-Dichloroethane	8.677	62	169522	17.588	ug/l	99
37) Trichloroethene	9.359	130	146505	19.023	ug/l	99
38) Methylcyclohexane	9.612	83	182063	19.395	ug/l	94
39) 1,2-Dichloropropane	9.630	63	161724	21.982	ug/l	94
40) Dibromomethane	9.712	93	114024	22.392	ug/l	99
41) Bromodichloromethane	9.894	83	265006	26.031	ug/l	96
42) Vinyl Acetate	6.618	43	926935	79.829	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.577	43	116315	15.578	ug/l	98
44) Isopropyl Acetate	8.700	43	214434	16.369	ug/l	100
45) 1,4-Dioxane	9.700	88	54862	455.269	ug/l #	89
46) Methyl methacrylate	9.694	41	139098	23.186	ug/l	94
47) n-amyl Acetate	12.500	43	191536	18.984	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	235247	21.651	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	273464	23.696	ug/l	98
50) 1,1,2-Trichloroethane	11.024	97	144612	20.062	ug/l	97
51) Ethyl methacrylate	10.882	69	218630	22.154	ug/l	91
52) 1,3-Dichloropropane	11.171	76	286223	22.093	ug/l	99
53) Dibromochloromethane	11.365	129	159133	19.542	ug/l	96
54) 1,2-Dibromoethane	11.476	107	146877	20.292	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	358611	114.039	ug/l	99
56) Bromoform	12.588	173	104436	19.601	ug/l #	95
58) 4-Methyl-2-Pentanone	10.453	43	945126	106.710	ug/l	99
59) 2-Hexanone	11.200	43	655804	97.791	ug/l	99
61) Tetrachloroethene	11.112	164	135414	17.403	ug/l	92
62) Toluene	10.635	91	803479	22.574	ug/l	98
64) Chlorobenzene	11.894	112	354745	17.071	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.971	131	157273	19.190	ug/l	98
66) Ethyl Benzene	11.971	91	666205	18.572	ug/l	100
67) m/p-Xylenes	12.076	106	542835	39.616	ug/l	99
68) o-Xylene	12.406	106	304755	21.858	ug/l	95
69) Styrene	12.418	104	466978	20.816	ug/l	98
70) Isopropylbenzene	12.700	105	557847	16.173	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	260036	23.208	ug/l	98
72) 1,2,3-Trichloropropane	13.000	75	217892m	23.182	ug/l	
73) Bromobenzene	12.988	156	184266	21.796	ug/l	96
74) n-propylbenzene	13.041	91	856921	22.415	ug/l	99
75) 2-Chlorotoluene	13.129	91	574209	21.749	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	637629	20.705	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	50156	15.268	ug/l	93
78) 4-Chlorotoluene	13.229	91	503601	19.756	ug/l	96
79) tert-butylbenzene	13.441	119	503728	19.005	ug/l	97
80) 1,2,4-Trimethylbenzene	13.488	105	561274	19.083	ug/l	100
81) sec-Butylbenzene	13.623	105	612114	18.017	ug/l	100
82) p-Isopropyltoluene	13.735	119	479783	17.201	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	257298	17.163	ug/l	99
84) 1,4-Dichlorobenzene	13.818	146	236348	16.839	ug/l	98
85) n-Butylbenzene	14.059	91	324609	16.783	ug/l	99
86) Hexachloroethane	14.341	117	82260	16.187	ug/l	93
87) 1,2-Dichlorobenzene	14.112	146	239439	17.065	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.723	75	25548	13.427	ug/l	97
89) 1,2,4-Trichlorobenzene	15.394	180	43130	10.774	ug/l	93
90) Hexachlorobutadiene	15.506	225	41251	13.526	ug/l	98
91) Naphthalene	15.647	128	131734	10.862	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	58073	12.747	ug/l	98

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

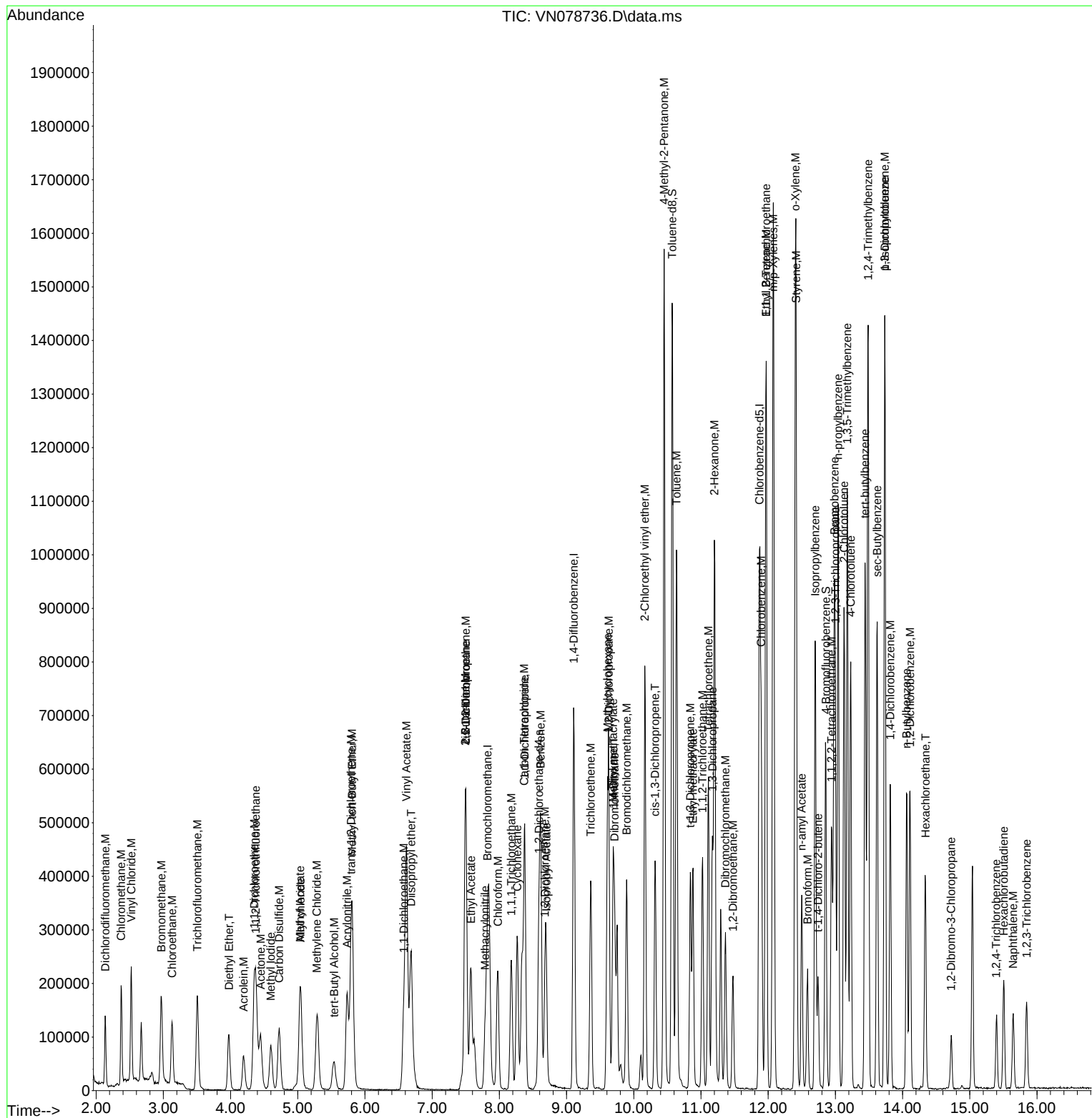
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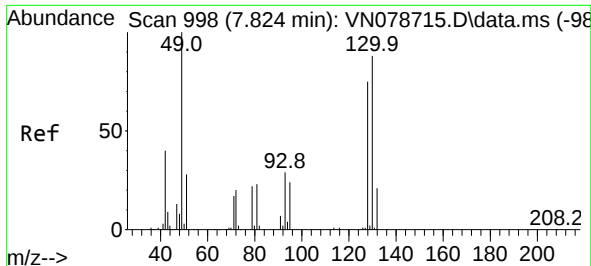
Instrument :
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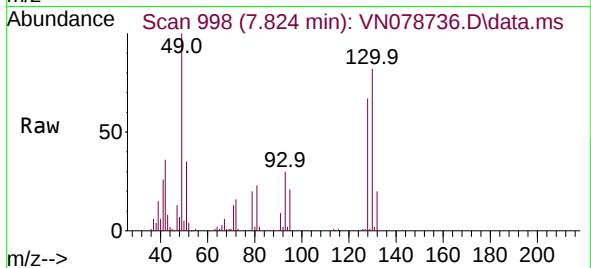
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

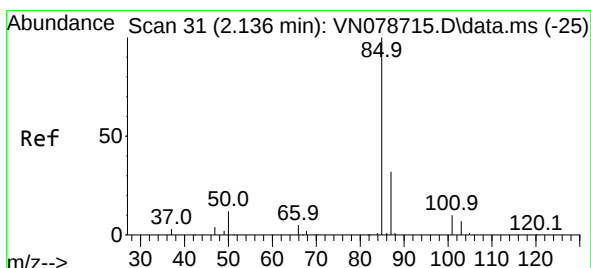
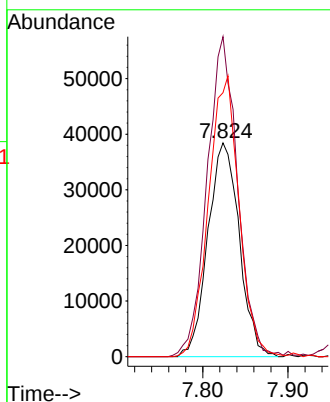
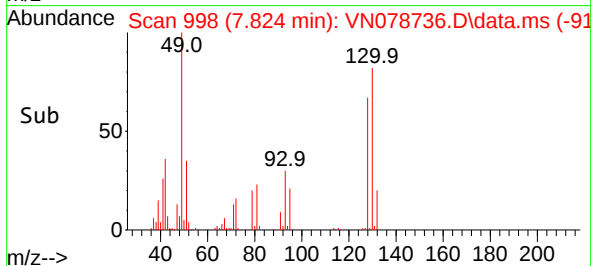
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ClientSampleId :
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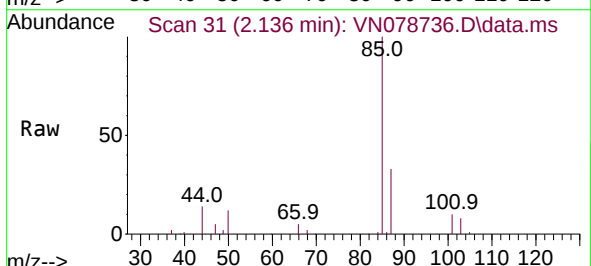
Tgt Ion:128 Resp: 98294
Ion Ratio Lower Upper
128 100
49 145.5 0.0 370.8
130 127.9 0.0 307.0

Manual Integrations
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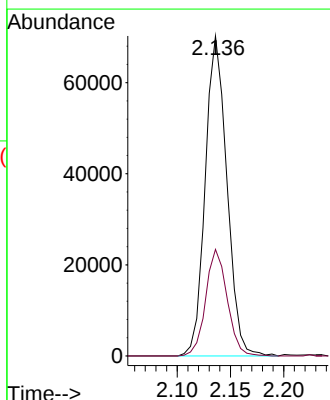
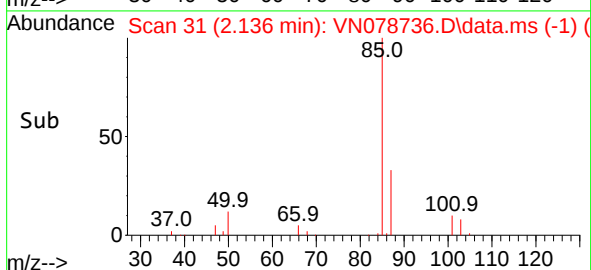
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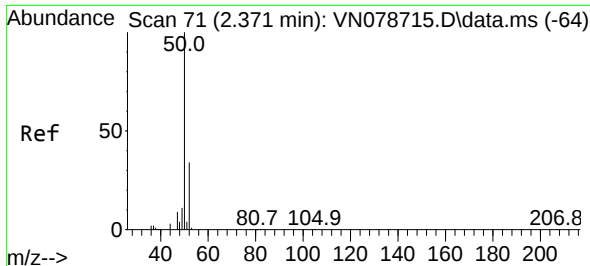


#2
Dichlorodifluoromethane
Concen: 16.075 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50



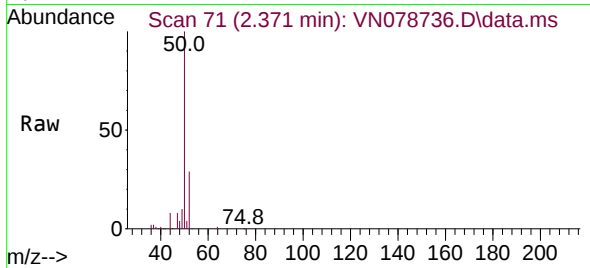
Tgt Ion: 85 Resp: 99664
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.4





#3
Chloromethane
Concen: 21.140 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

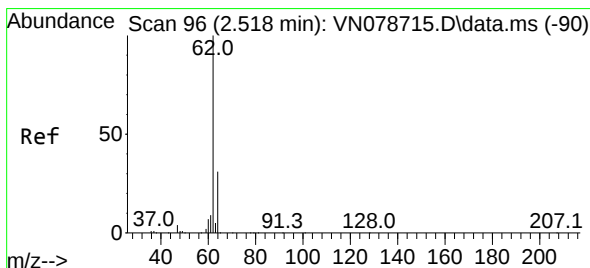
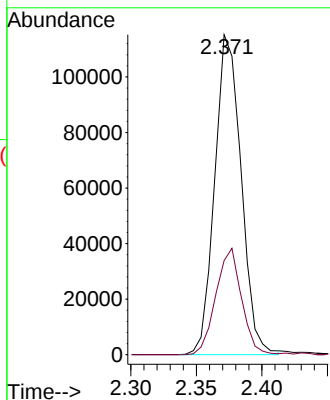
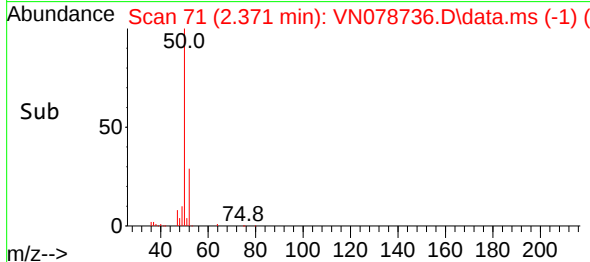
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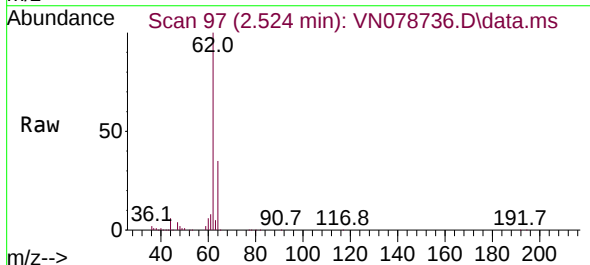
Tgt Ion: 50 Resp: 161338
Ion Ratio Lower Upper
50 100
52 29.4 24.6 36.8

Manual Integrations
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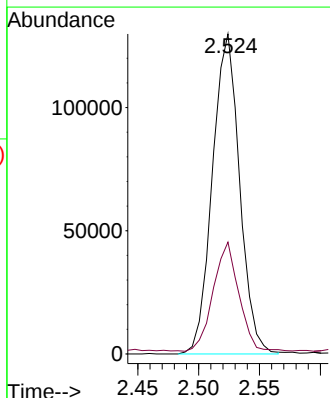
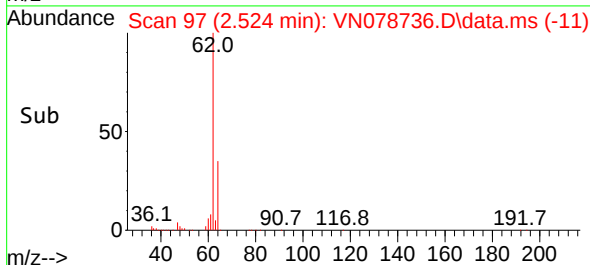
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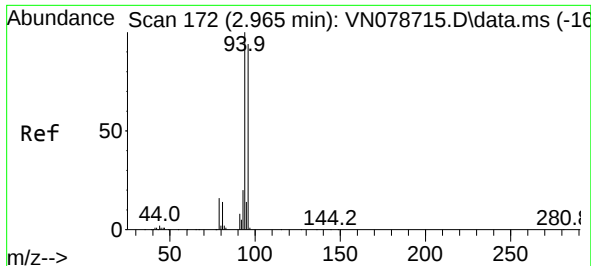


#4
Vinyl Chloride
Concen: 19.472 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50



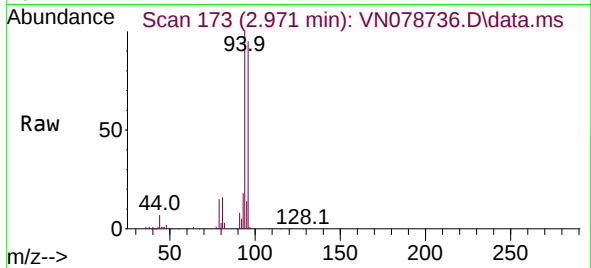
Tgt Ion: 62 Resp: 201964
Ion Ratio Lower Upper
62 100
64 33.9 23.3 34.9





#5
Bromomethane
Concen: 16.525 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

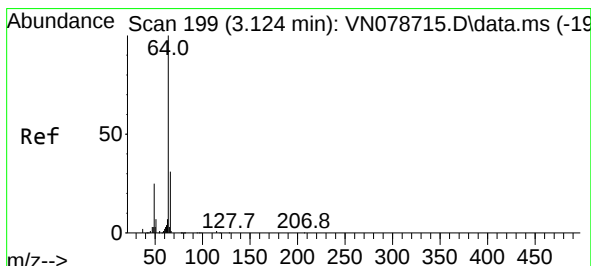
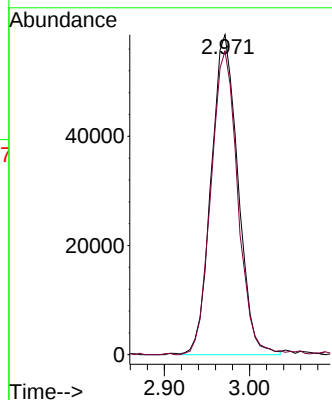
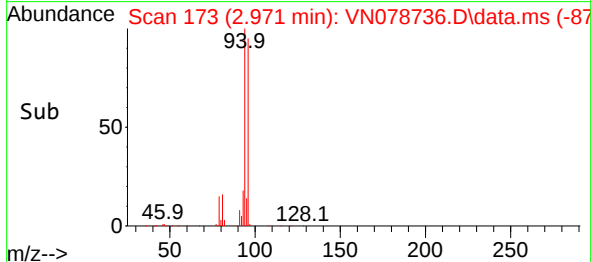
Instrument :
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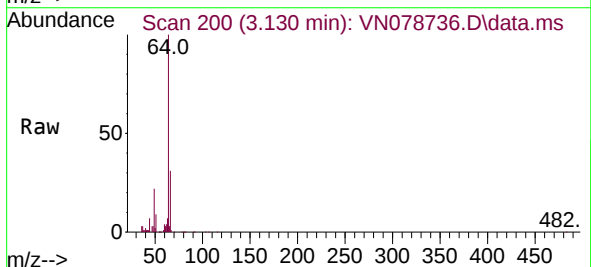
Tgt Ion: 94 Resp: 128119
Ion Ratio Lower Upper
94 100
96 95.1 73.9 110.9

Manual Integrations
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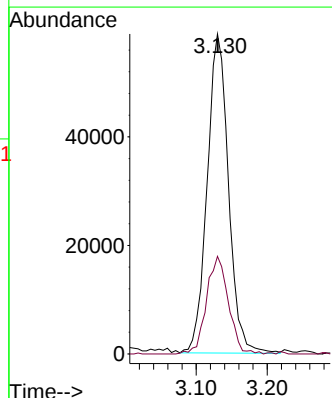
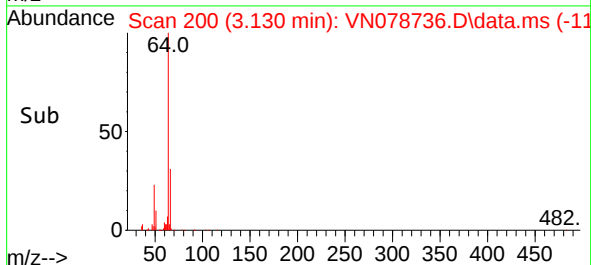
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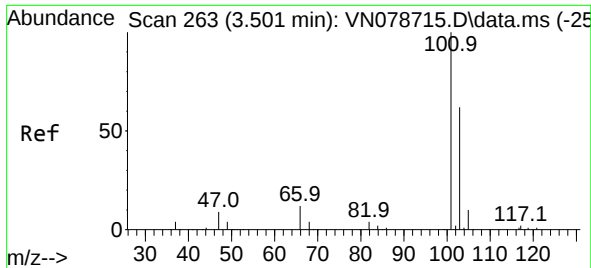


#6
Chloroethane
Concen: 18.155 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50



Tgt Ion: 64 Resp: 122632
Ion Ratio Lower Upper
64 100
66 30.4 25.7 38.5





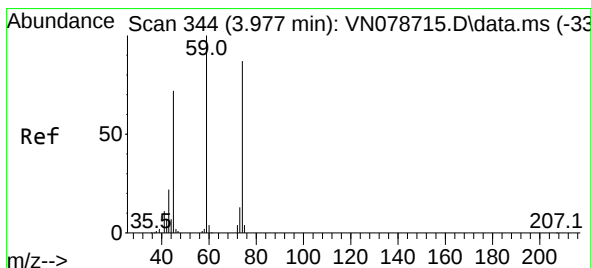
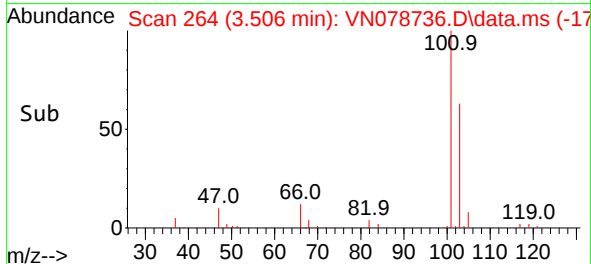
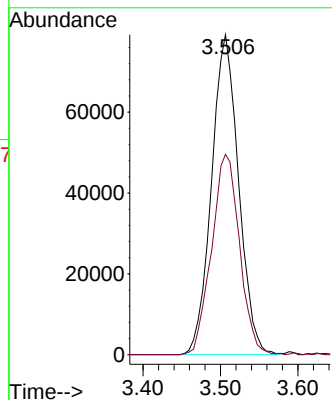
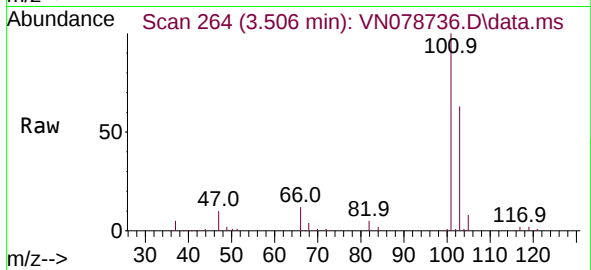
#7
 Trichlorofluoromethane
 Concen: 18.082 ug/l
 RT: 3.506 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN078736.D
 Acq: 02 Aug 2023 18:50

Instrument :
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 ClientSampleId :
 VN0802WBSD01

Tgt Ion:101 Resp: 192375
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.4 75.6

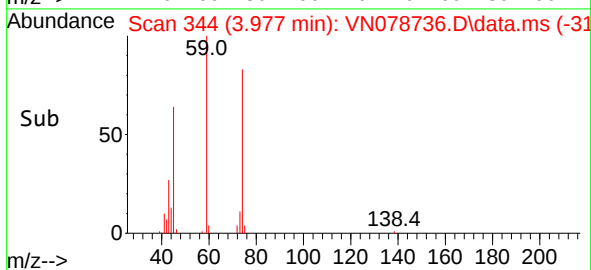
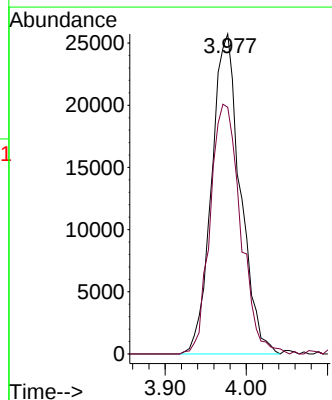
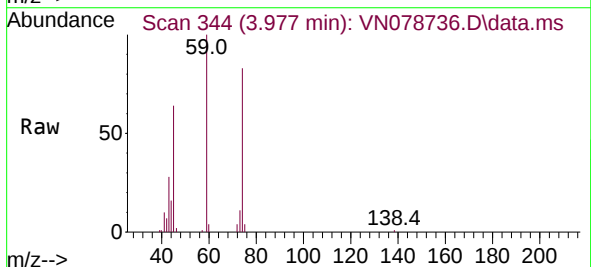
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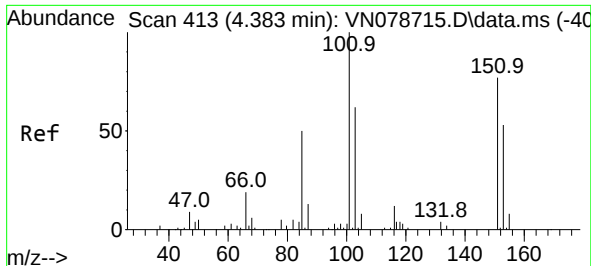
Reviewed By :John Carlone 08/03/2023
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#8
 Diethyl Ether
 Concen: 18.242 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. -0.000 min
 Lab File: VN078736.D
 Acq: 02 Aug 2023 18:50

Tgt Ion: 74 Resp: 63363
 Ion Ratio Lower Upper
 74 100
 45 82.7 16.3 146.5





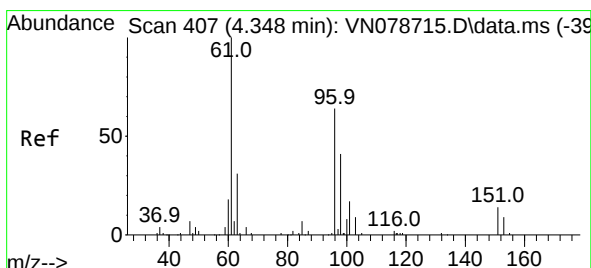
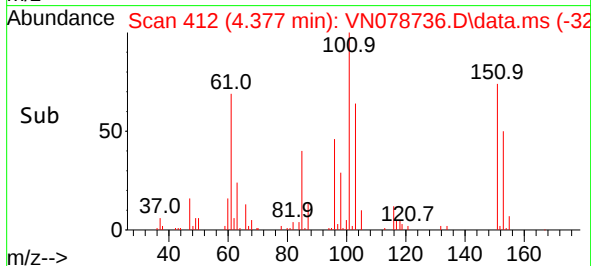
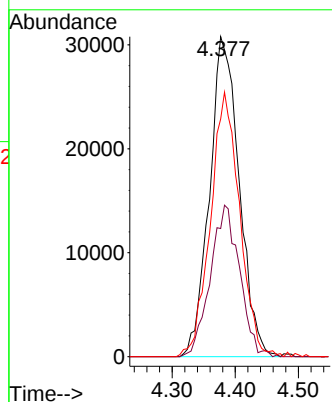
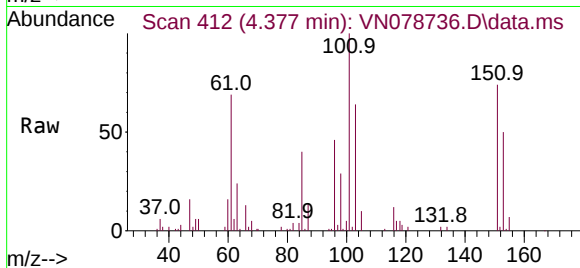
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.582 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

Tgt Ion:101 Resp: 100400
Ion Ratio Lower Upper
101 100
85 46.1 0.0 89.2
151 80.8 0.0 148.8

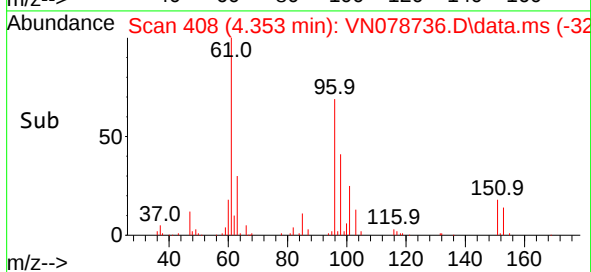
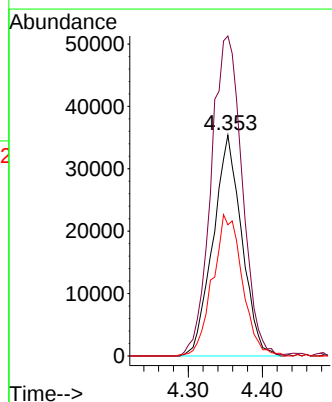
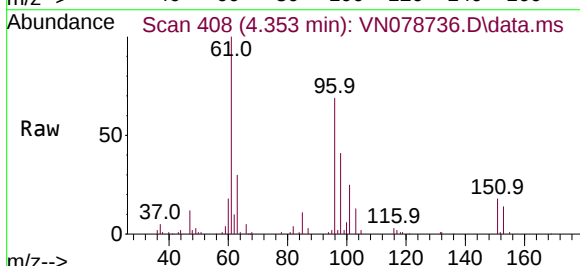
Manual Integrations
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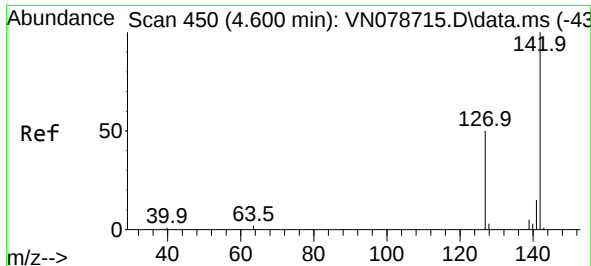
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#10
1,1-Dichloroethene
Concen: 17.387 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

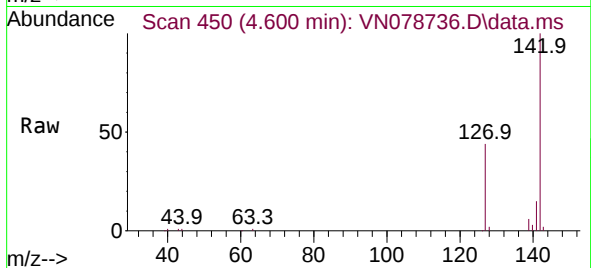
Tgt Ion: 96 Resp: 95216
Ion Ratio Lower Upper
96 100
61 144.9 123.4 185.2
98 58.8 53.7 80.5





#11
Methyl Iodide
Concen: 18.598 ug/l
RT: 4.600 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

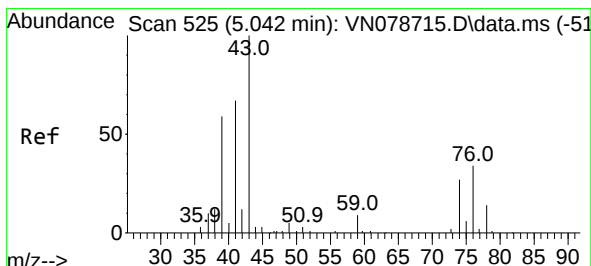
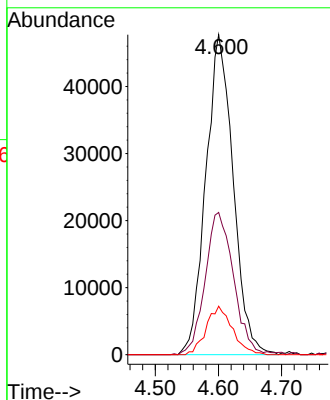
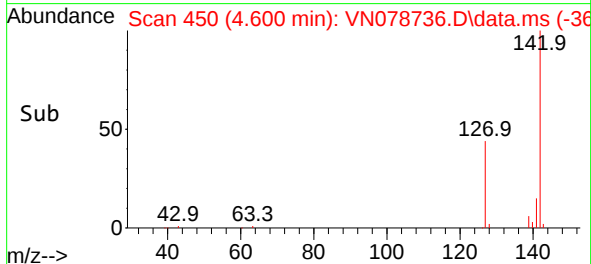
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



Tgt Ion:142 Resp: 14315
Ion Ratio Lower Upper
142 100
127 44.1 23.2 69.5
141 15.1 7.2 21.7

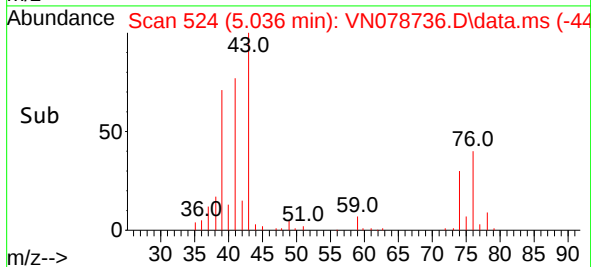
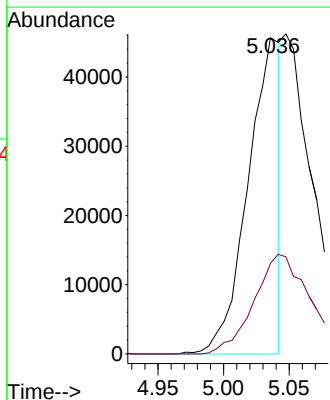
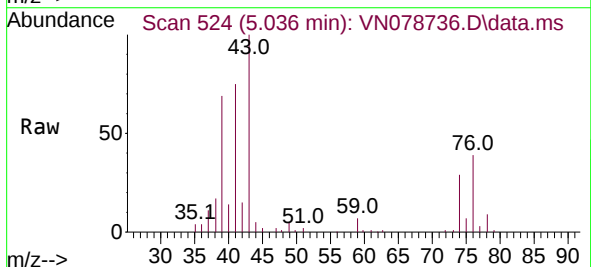
Manual Integrations
APPROVED

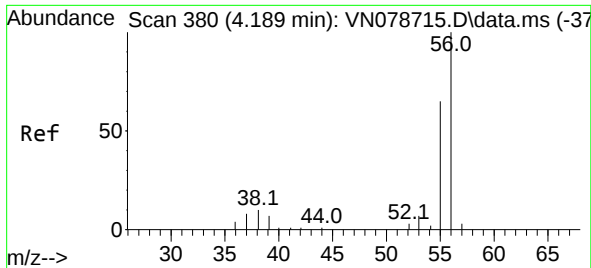
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#12
Methyl Acetate
Concen: 8.778 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

Tgt Ion: 43 Resp: 77967
Ion Ratio Lower Upper
43 100
74 25.3 20.5 30.7





#13

Acrolein

Concen: 84.483 ug/l

RT: 4.195 min Scan# 381

Delta R.T. 0.006 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:50

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBSD01

Tgt Ion: 56 Resp: 79910

Ion Ratio Lower Upper

56 100

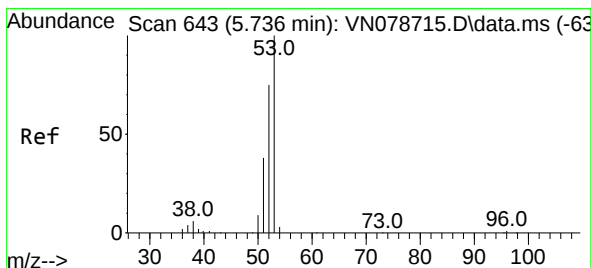
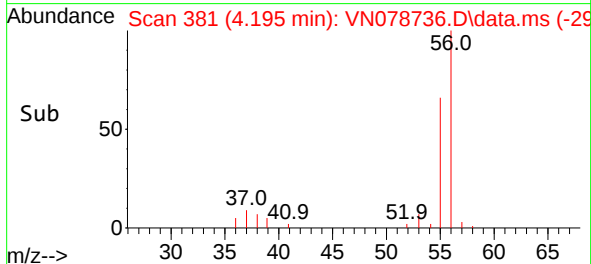
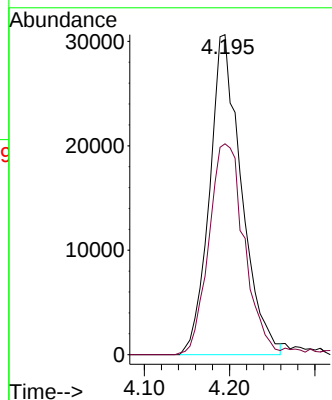
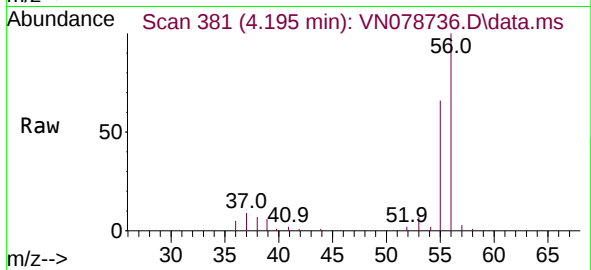
55 72.8 59.0 88.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#14

Acrylonitrile

Concen: 90.959 ug/l

RT: 5.736 min Scan# 643

Delta R.T. 0.000 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:50

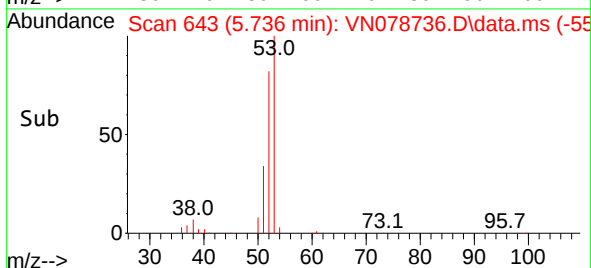
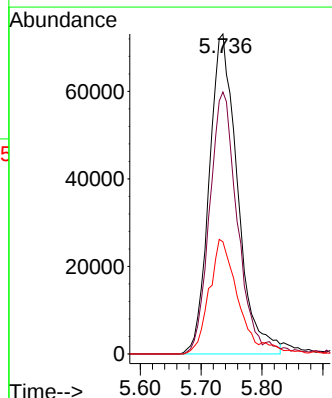
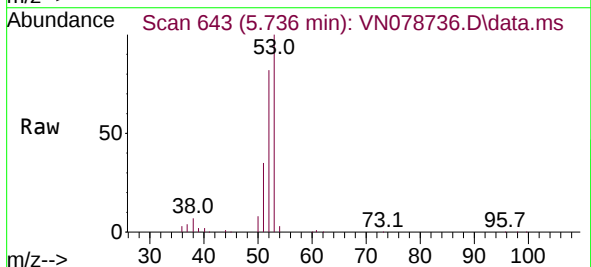
Tgt Ion: 53 Resp: 236582

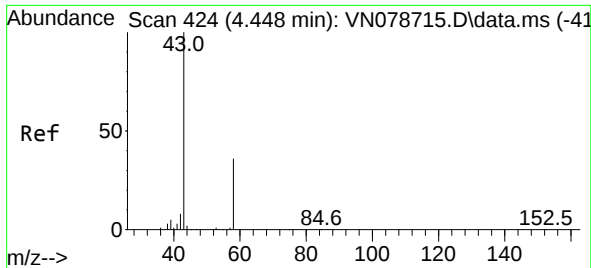
Ion Ratio Lower Upper

53 100

52 78.8 42.3 126.9

51 34.7 18.4 55.4





#15

Acetone

Concen: 83.418 ug/l

RT: 4.448 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:50

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBSD01

Tgt Ion: 58 Resp: 6286

Ion Ratio Lower Upper

58 100

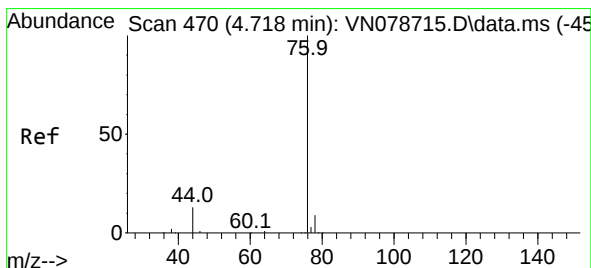
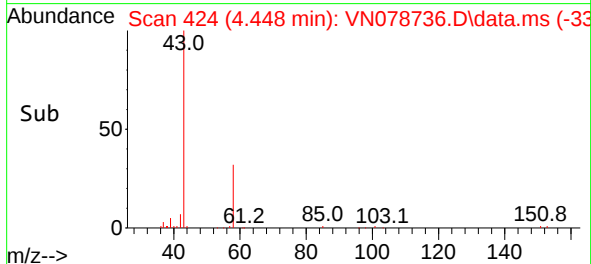
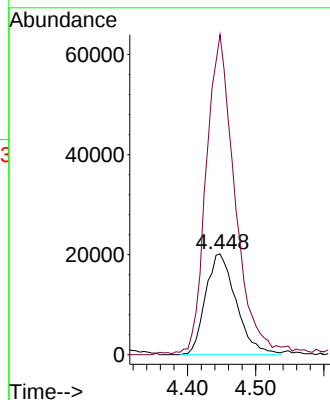
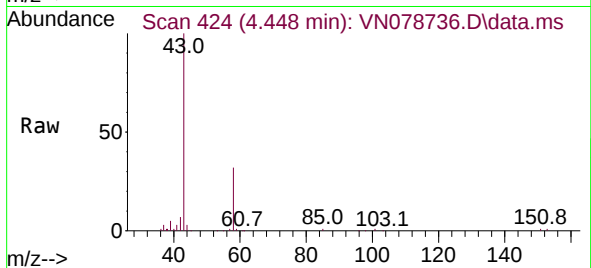
43 314.8 227.5 341.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#16

Carbon Disulfide

Concen: 16.755 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.006 min

Lab File: VN078736.D

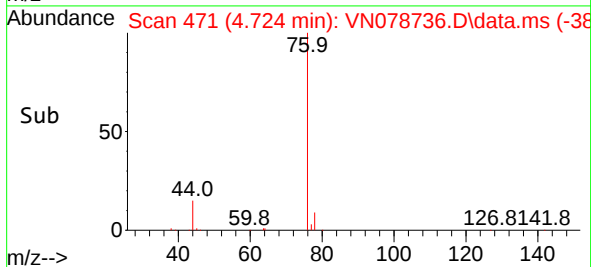
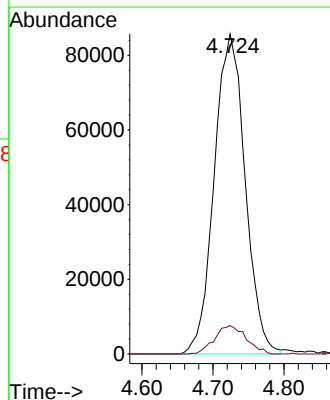
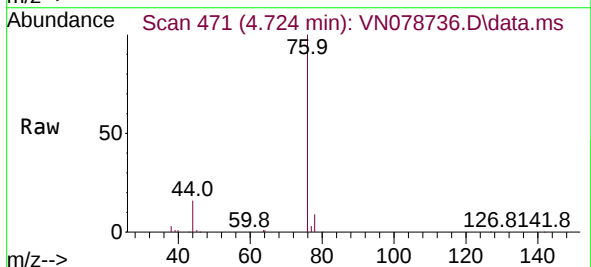
Acq: 02 Aug 2023 18:50

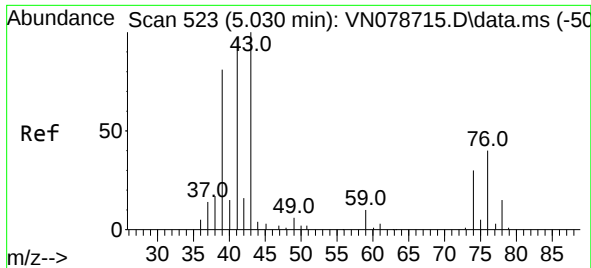
Tgt Ion: 76 Resp: 259185

Ion Ratio Lower Upper

76 100

78 8.9 7.7 11.5





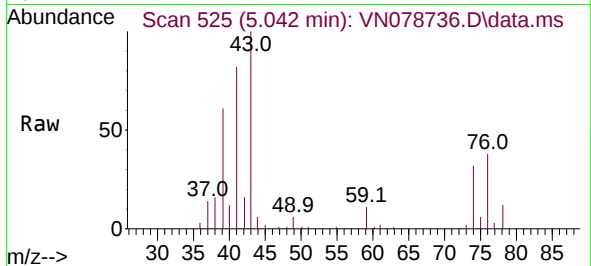
#17
 Allyl chloride
 Concen: 17.320 ug/l
 RT: 5.042 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VN078736.D
 Acq: 02 Aug 2023 18:50

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBSD01

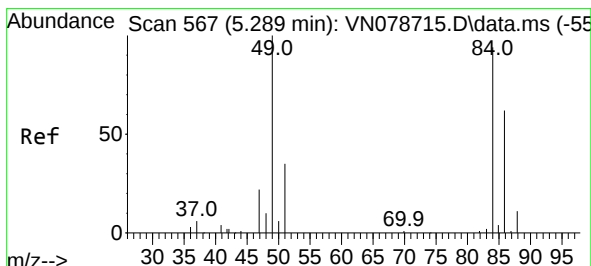
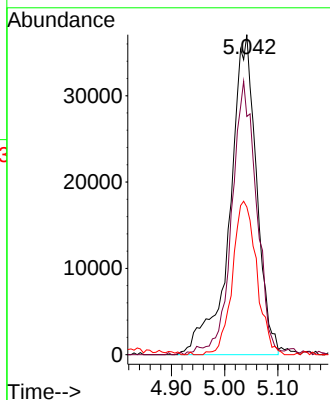
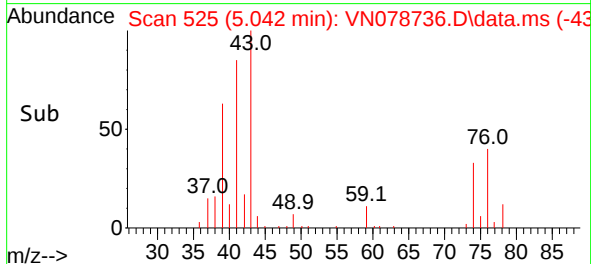


Tgt Ion: 41 Resp: 129500
 Ion Ratio Lower Upper
 41 100
 39 74.0 37.6 112.8
 76 45.3 23.8 71.4

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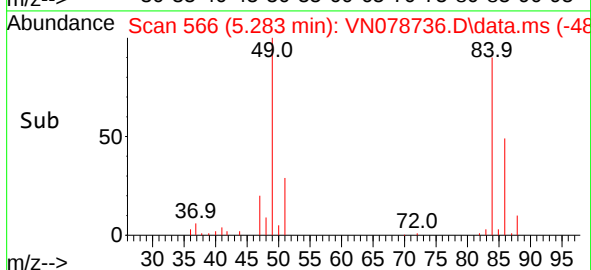
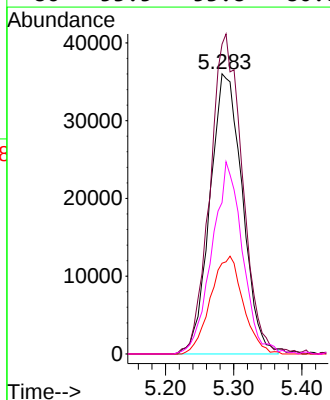
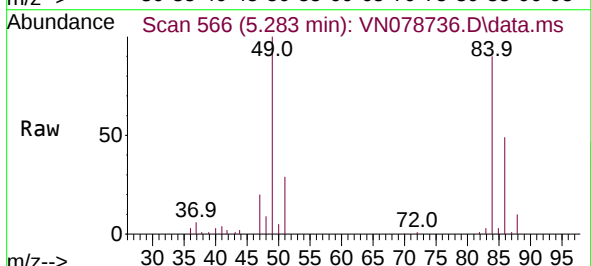
APPROVED

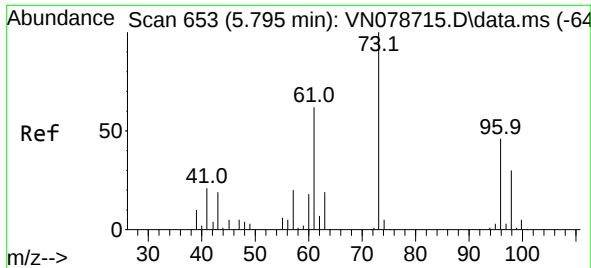
Reviewed By :John Carlone 08/03/2023
 Supervised By :Semsettin Yesilyurt 08/03/2023



#18
 Methylene Chloride
 Concen: 18.099 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.006 min
 Lab File: VN078736.D
 Acq: 02 Aug 2023 18:50

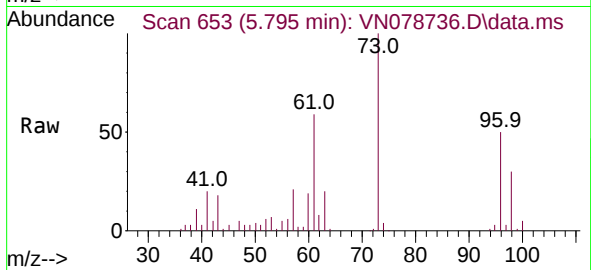
Tgt Ion: 84 Resp: 118910
 Ion Ratio Lower Upper
 84 100
 49 110.1 88.1 132.1
 51 32.4 24.0 36.0
 86 53.5 53.8 80.8#





#19
trans-1,2-Dichloroethene
Concen: 16.847 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

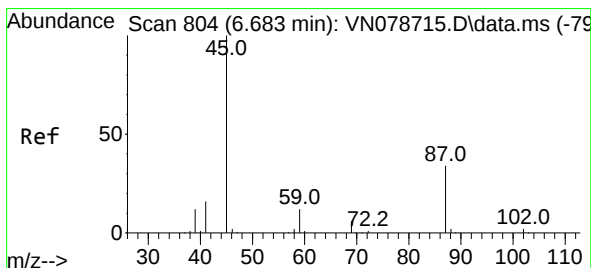
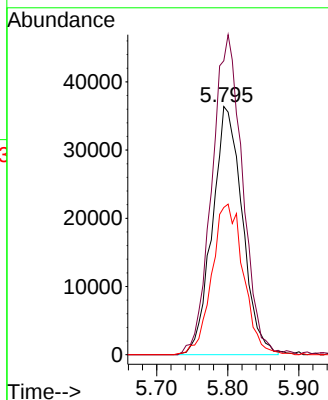
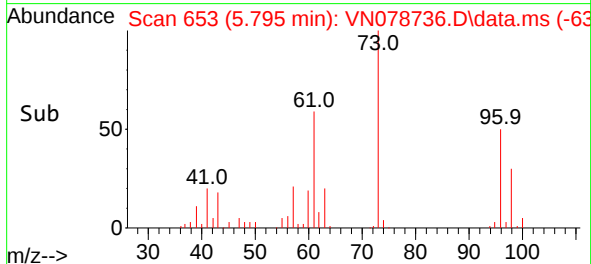
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



Tgt Ion: 96 Resp: 106670
Ion Ratio Lower Upper
96 100
61 118.5 105.2 157.8
98 58.9 50.5 75.7

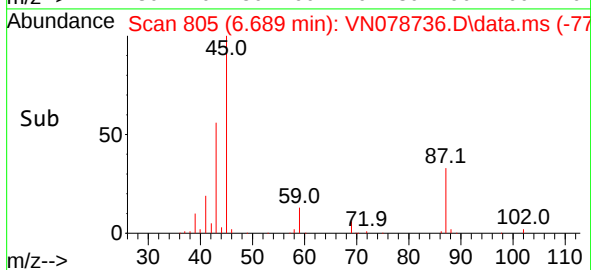
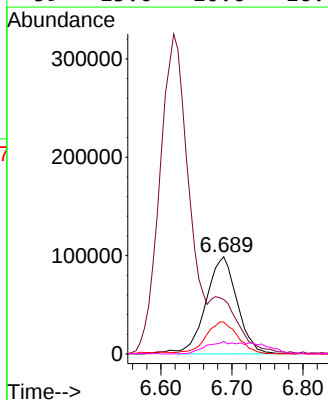
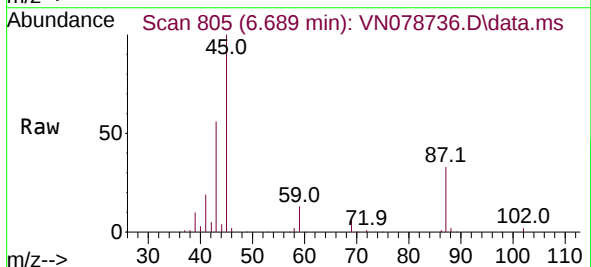
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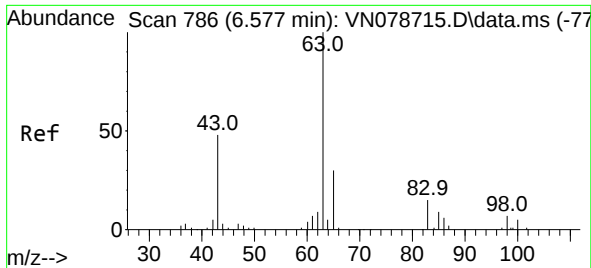
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#20
Diisopropyl ether
Concen: 17.676 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

Tgt Ion: 45 Resp: 297587
Ion Ratio Lower Upper
45 100
43 53.3 43.6 65.4
87 32.8 25.8 38.6
59 13.0 10.6 16.0





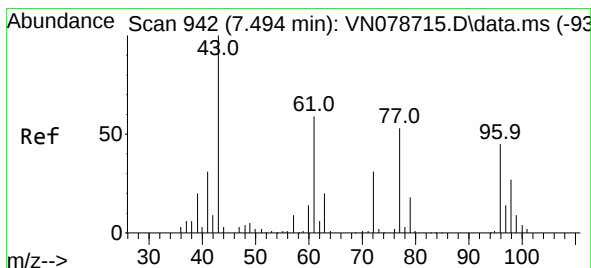
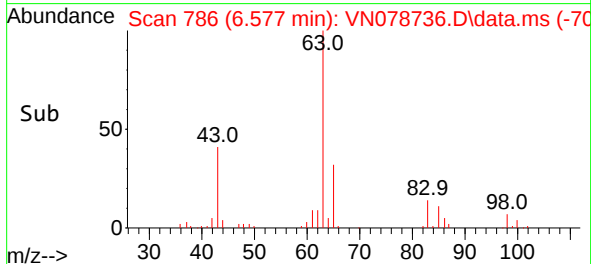
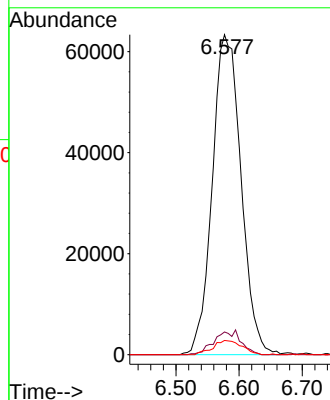
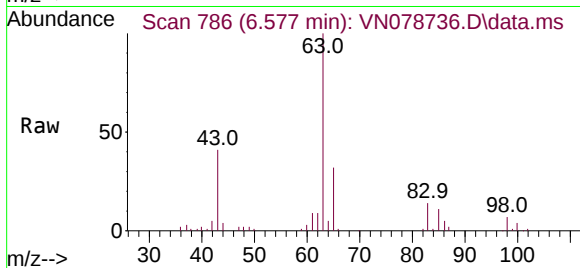
#21
1,1-Dichloroethane
Concen: 17.954 ug/l
RT: 6.577 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

Tgt Ion: 63 Resp: 200149
Ion Ratio Lower Upper
63 100
98 7.1 2.7 8.1
100 4.5 2.5 7.4

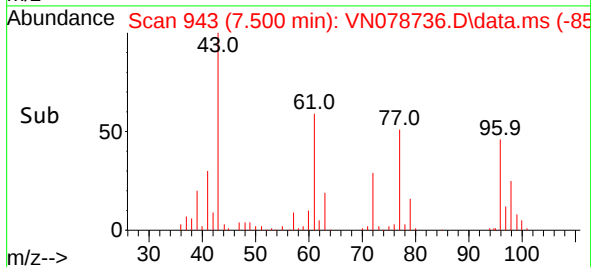
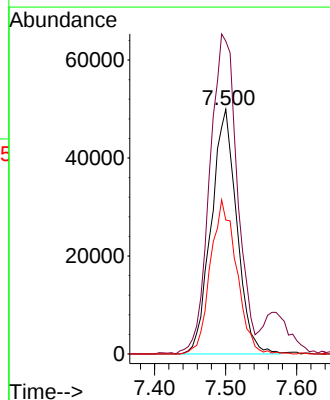
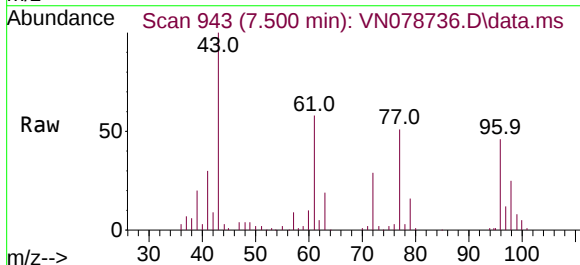
Manual Integrations
APPROVED

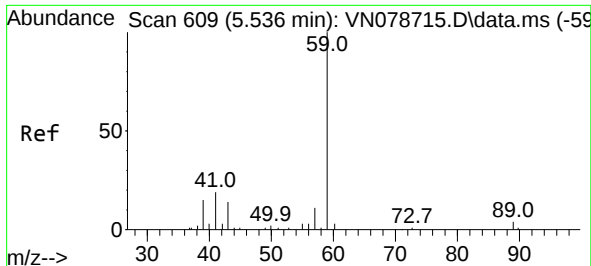
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#22
cis-1,2-Dichloroethene
Concen: 17.556 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

Tgt Ion: 96 Resp: 124831
Ion Ratio Lower Upper
96 100
61 140.8 113.8 170.6
98 64.1 52.2 78.4





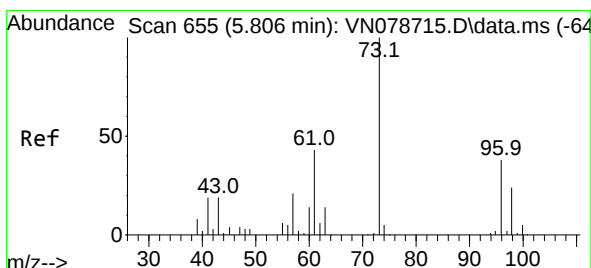
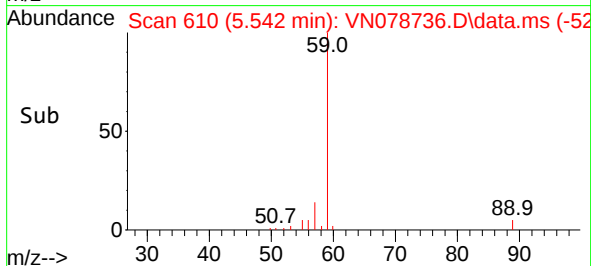
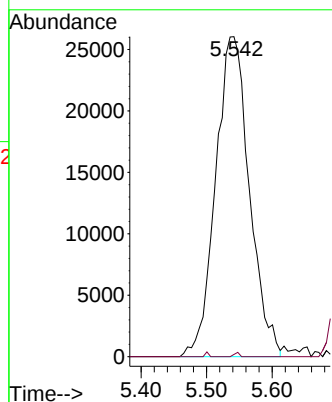
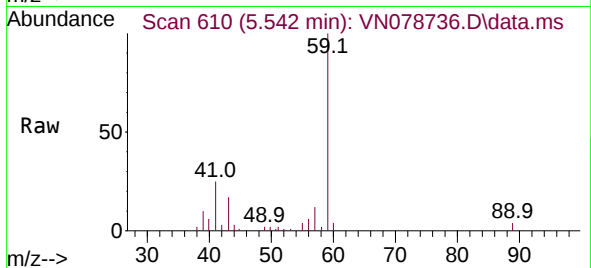
#23
tert-Butyl Alcohol
Concen: 87.754 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

Tgt Ion: 59 Resp: 93268
Ion Ratio Lower Upper
59 100
52 0.2 0.1 0.1

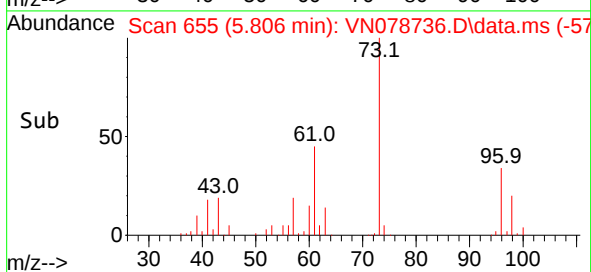
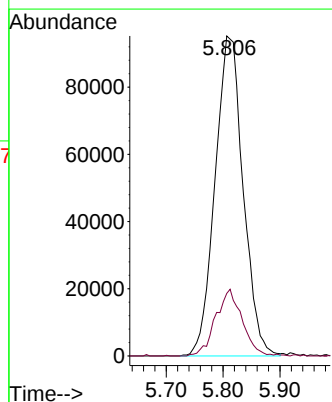
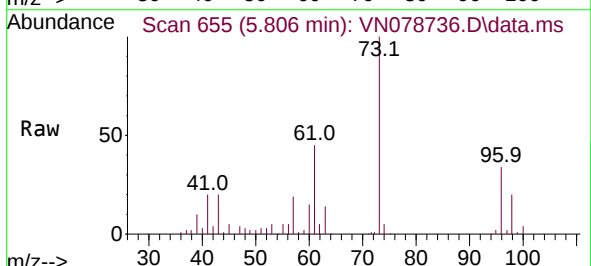
Manual Integrations
APPROVED

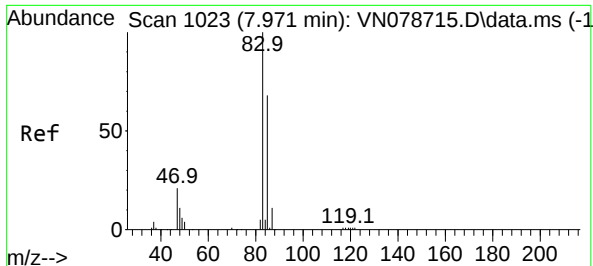
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#24
Methyl tert-Butyl Ether
Concen: 17.769 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

Tgt Ion: 73 Resp: 327213
Ion Ratio Lower Upper
73 100
43 19.6 14.5 21.7





#25

Chloroform

Concen: 18.640 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:50

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBSD01

Tgt Ion: 83 Resp: 21999

Ion Ratio Lower Upper

83 100

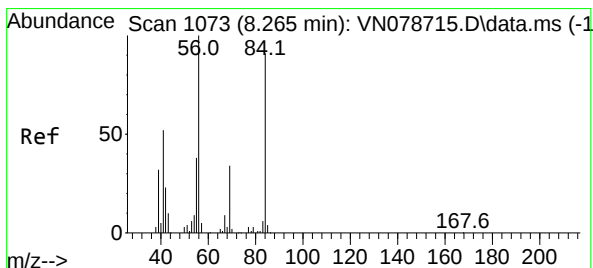
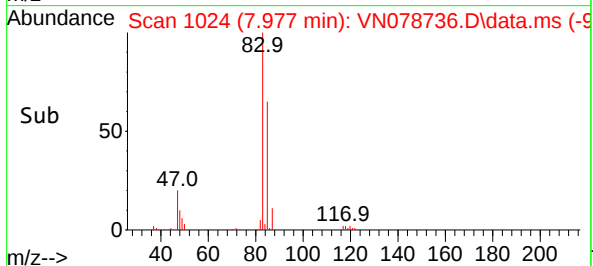
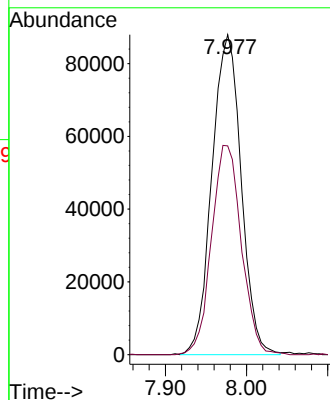
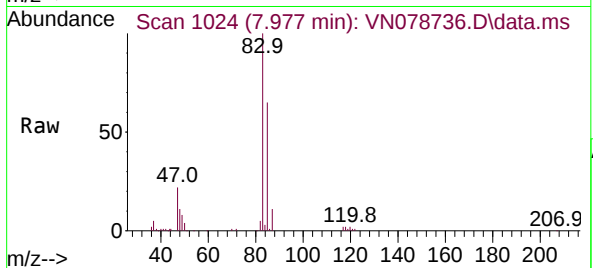
85 64.9 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#26

Cyclohexane

Concen: 18.131 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:50

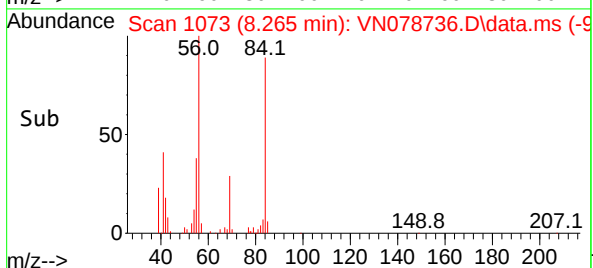
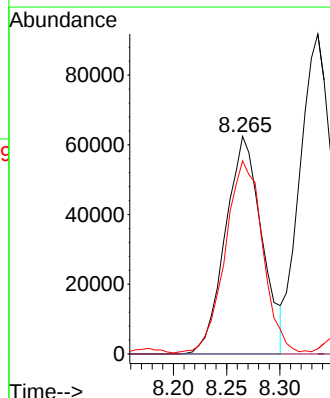
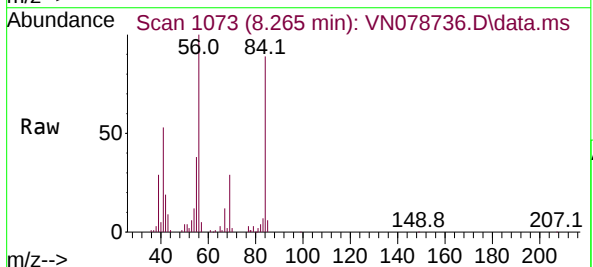
Tgt Ion: 56 Resp: 148884

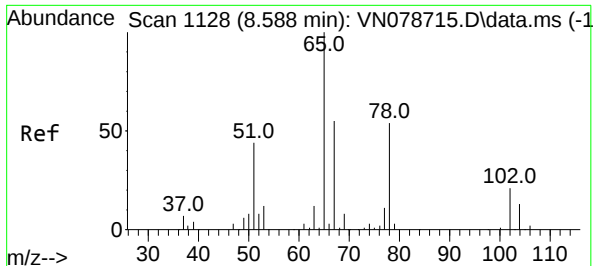
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.4 74.2 111.4





#27

1,2-Dichloroethane-d4

Concen: 29.722 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:50

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBSD01

Tgt Ion: 65 Resp: 21899

Ion Ratio Lower Upper

65 100

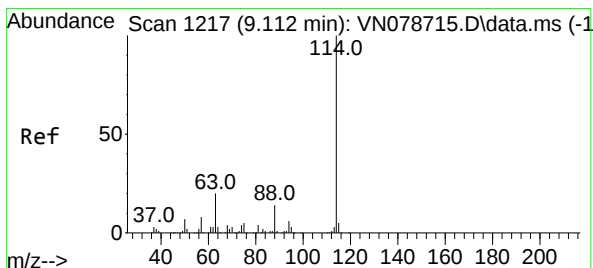
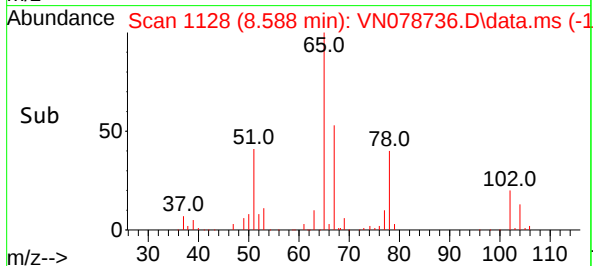
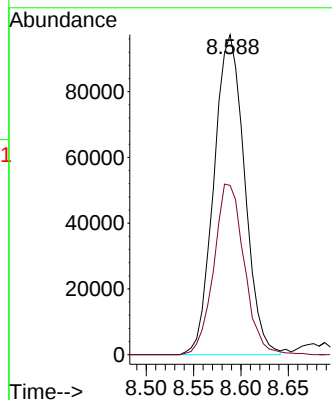
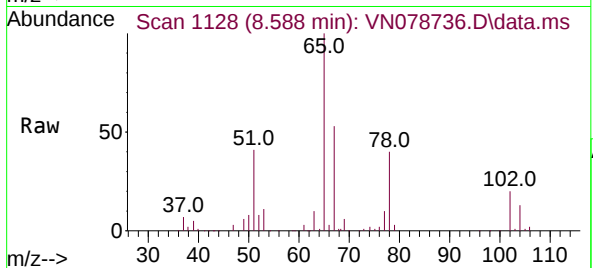
67 52.9 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:50

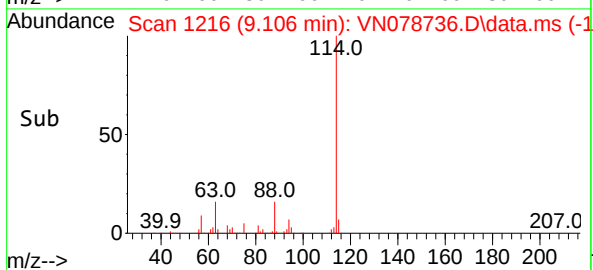
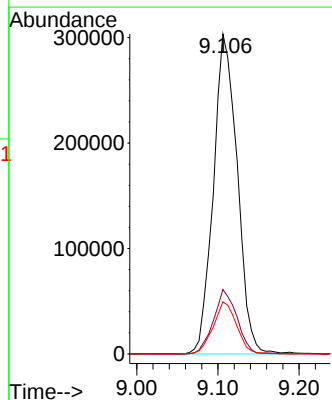
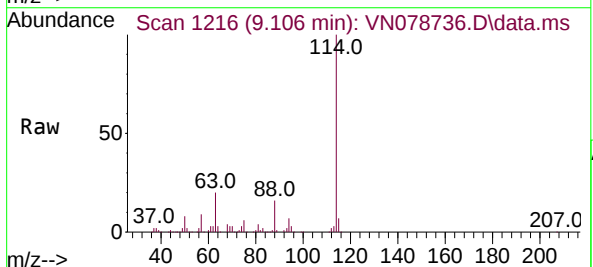
Tgt Ion:114 Resp: 620912

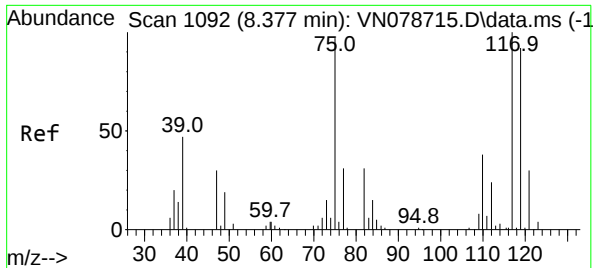
Ion Ratio Lower Upper

114 100

63 19.6 15.2 22.8

88 16.0 12.5 18.7





#29

1,1-Dichloropropene

Concen: 16.809 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:50

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBSD01

Tgt Ion: 75 Resp: 15357

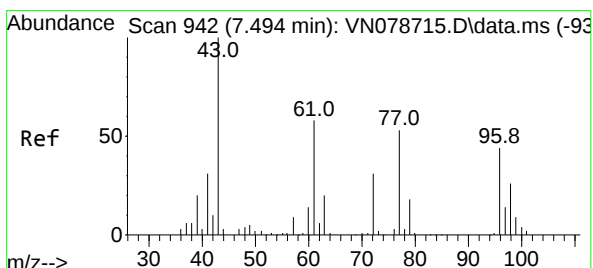
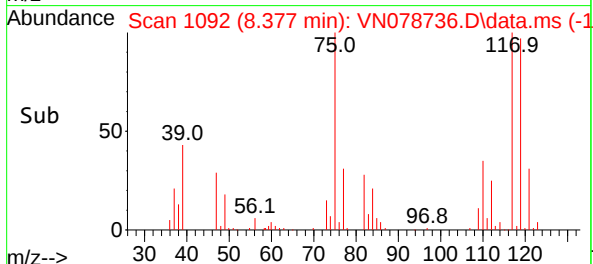
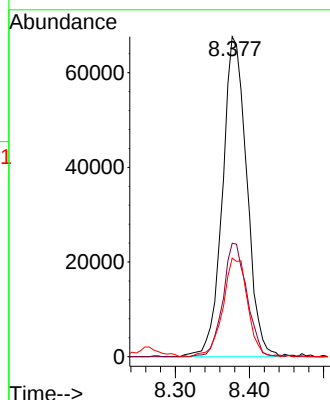
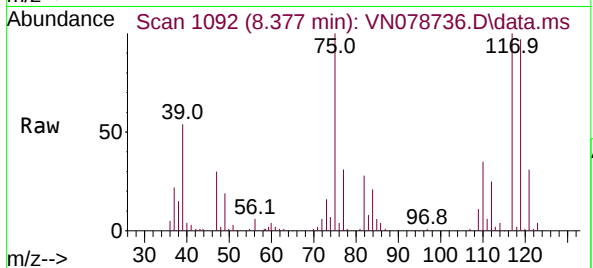
Ion	Ratio	Lower	Upper
75	100		
110	34.9	0.0	72.2
77	31.3	0.0	62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#30

2-Butanone

Concen: 80.259 ug/l

RT: 7.494 min Scan# 942

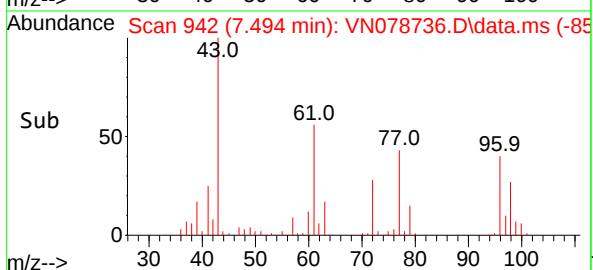
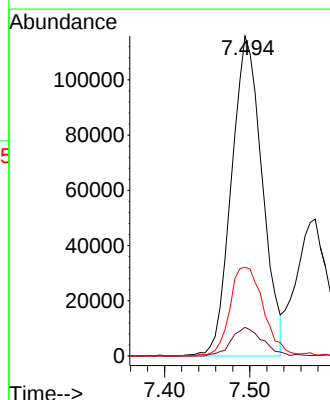
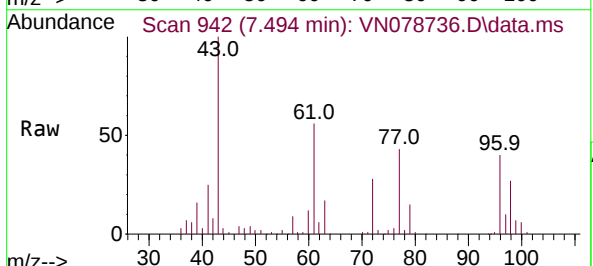
Delta R.T. -0.000 min

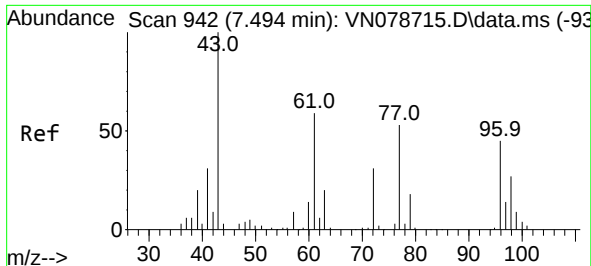
Lab File: VN078736.D

Acq: 02 Aug 2023 18:50

Tgt Ion: 43 Resp: 289865

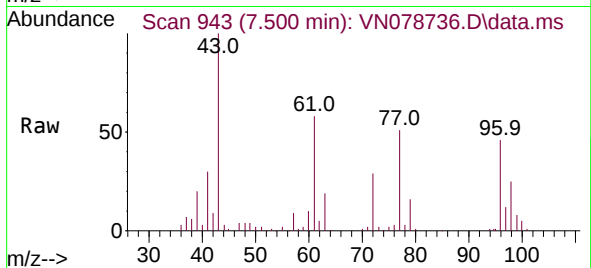
Ion	Ratio	Lower	Upper
43	100		
57	9.1	6.8	10.2
72	30.2	23.8	35.6





#31
2,2-Dichloropropane
Concen: 14.327 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

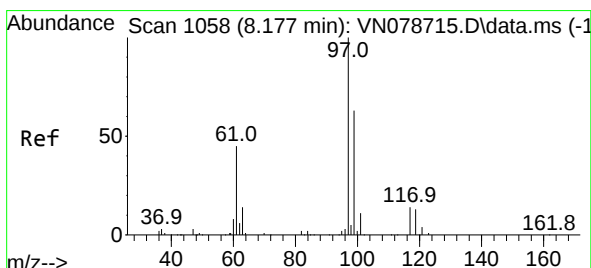
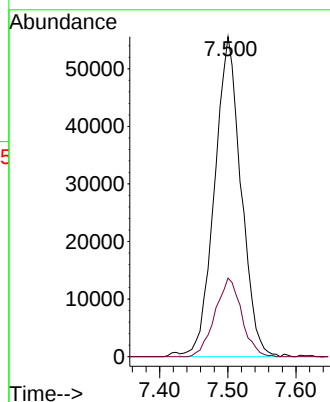
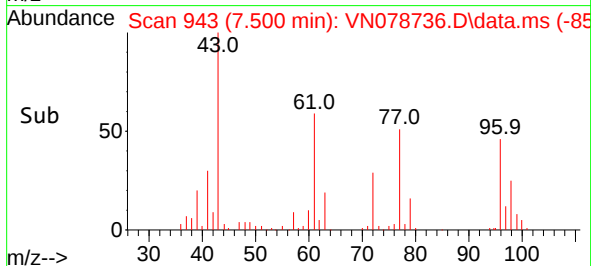
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



Tgt Ion: 77 Resp: 15020
Ion Ratio Lower Upper
77 100
97 24.6 18.8 28.2

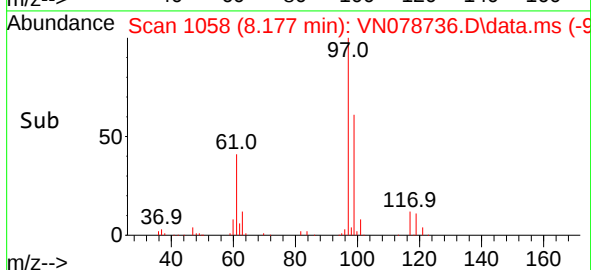
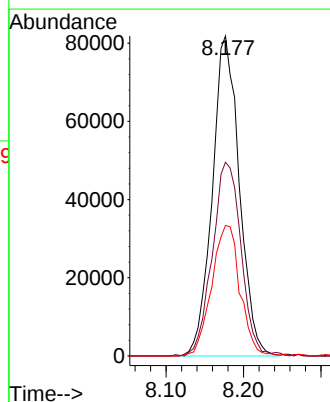
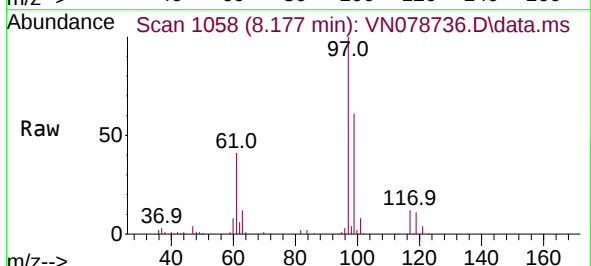
Manual Integrations
APPROVED

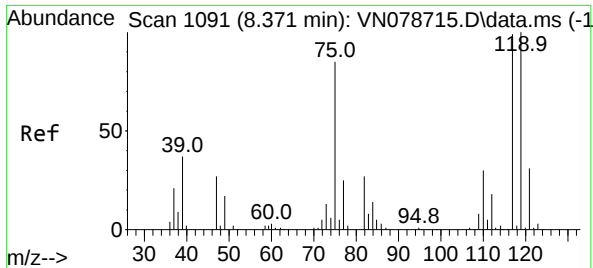
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#32
1,1,1-Trichloroethane
Concen: 17.187 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

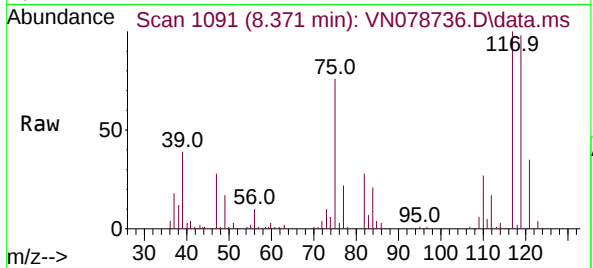
Tgt Ion: 97 Resp: 198663
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 42.8 34.6 52.0





#33
Carbon Tetrachloride
Concen: 17.064 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

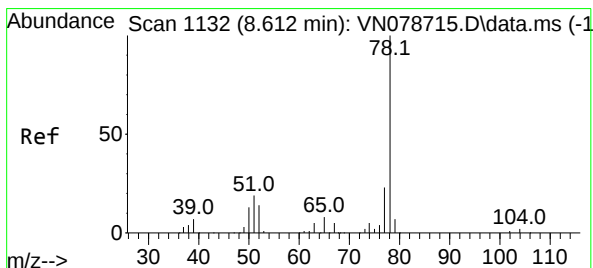
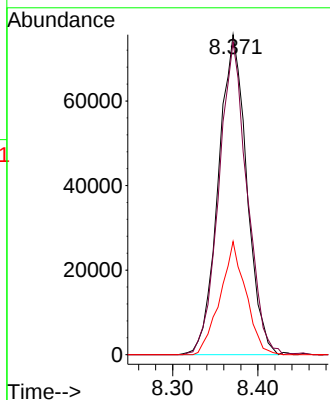
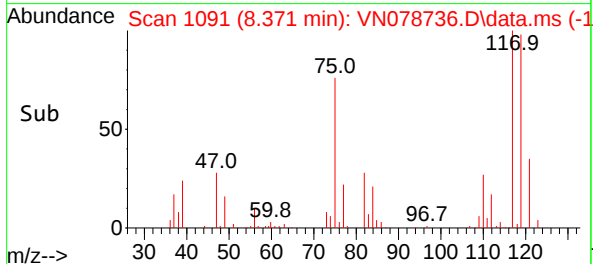
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



Tgt Ion: 117 Resp: 17518
Ion Ratio Lower Upper
117 100
119 97.7 81.4 122.0
121 35.4 23.6 35.4

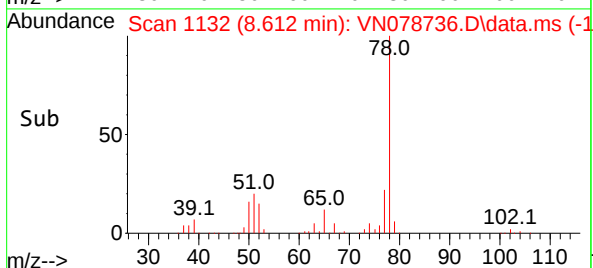
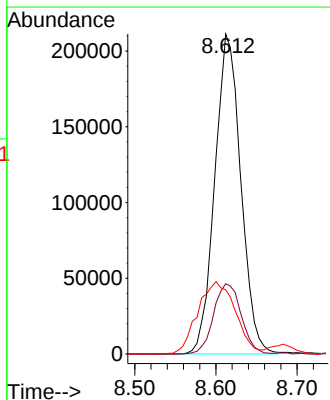
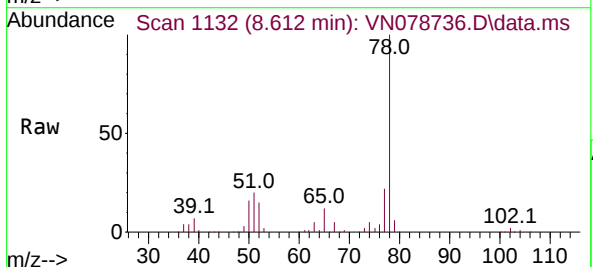
Manual Integrations
APPROVED

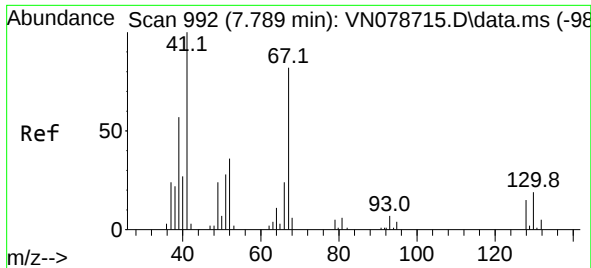
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#34
Benzene
Concen: 17.143 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

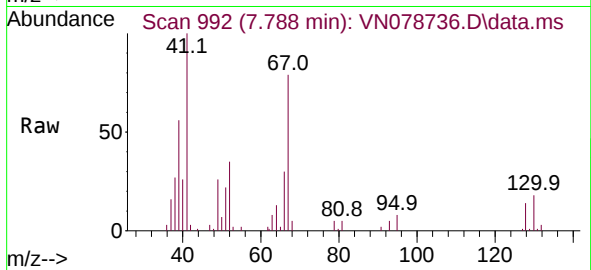
Tgt Ion: 78 Resp: 470465
Ion Ratio Lower Upper
78 100
77 22.0 18.3 27.5
51 18.9 13.7 20.5





#35
Methacrylonitrile
Concen: 17.019 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

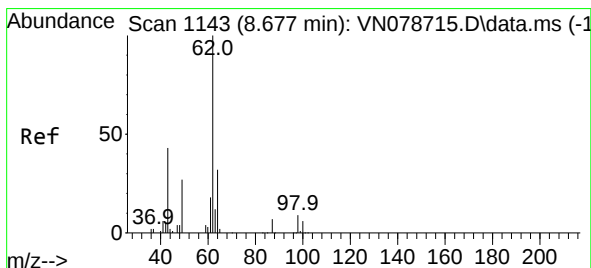
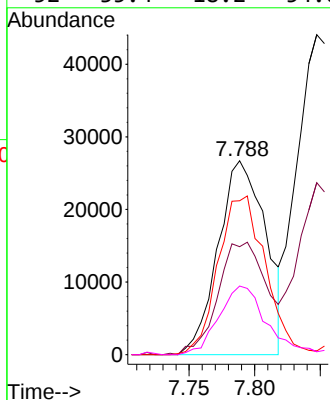
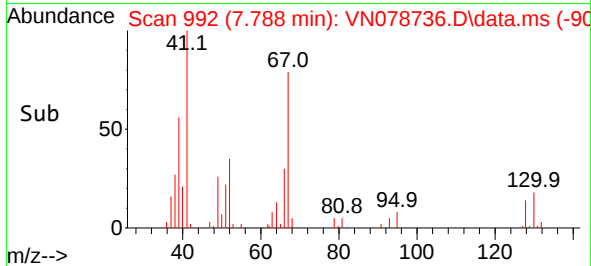
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



Tgt Ion: 41 Resp: 67499
Ion Ratio Lower Upper
41 100
39 55.7 33.9 101.6
67 78.8 45.9 137.6
52 35.4 18.2 54.6

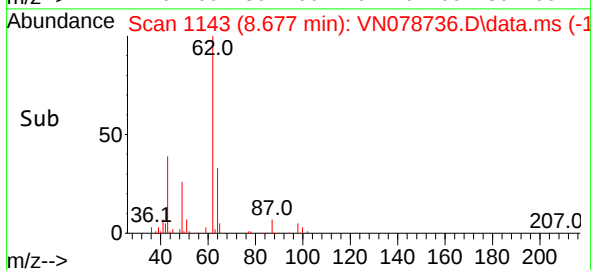
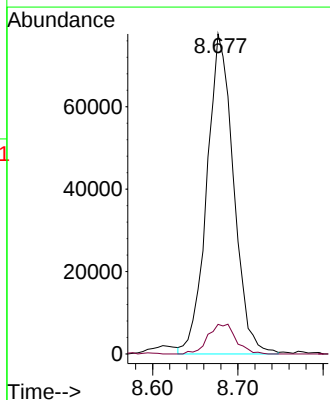
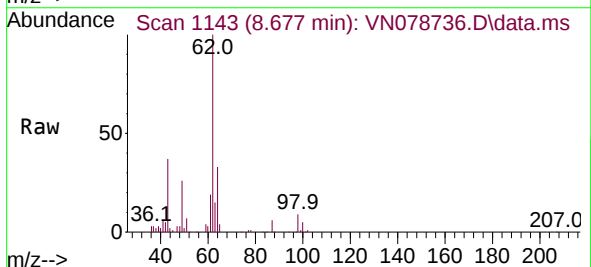
Manual Integrations
APPROVED

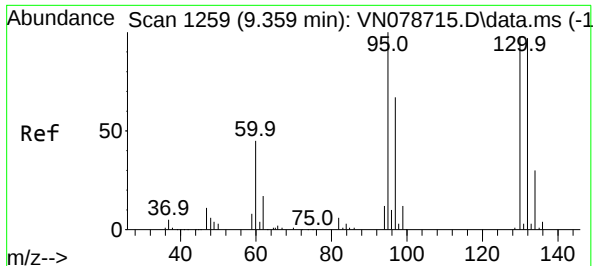
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#36
1,2-Dichloroethane
Concen: 17.588 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

Tgt Ion: 62 Resp: 169522
Ion Ratio Lower Upper
62 100
98 9.7 7.4 11.0





#37

Trichloroethene

Concen: 19.023 ug/l

RT: 9.359 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:50

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBSD01

Tgt Ion:130 Resp: 14650

Ion Ratio Lower Upper

130 100

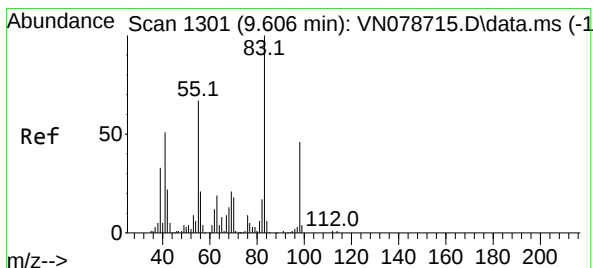
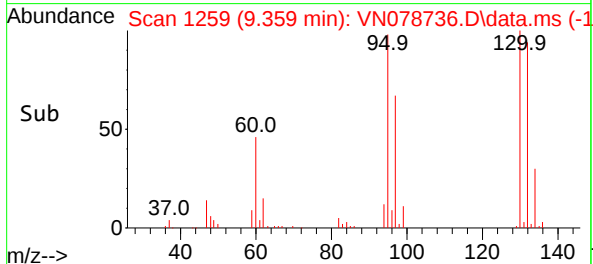
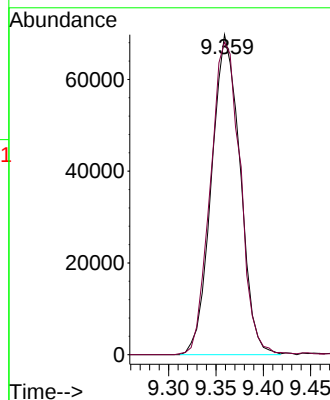
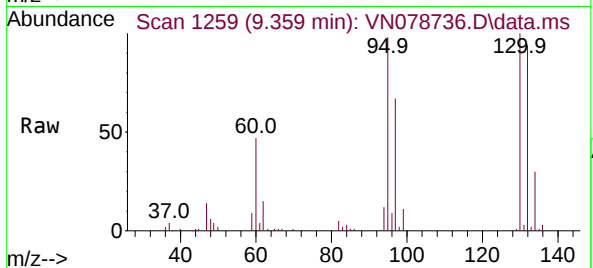
95 97.3 78.2 117.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#38

Methylcyclohexane

Concen: 19.395 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:50

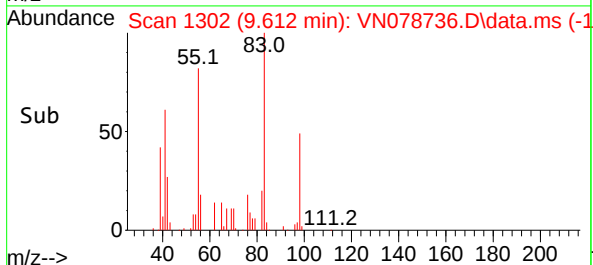
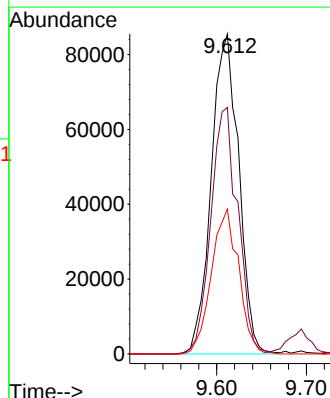
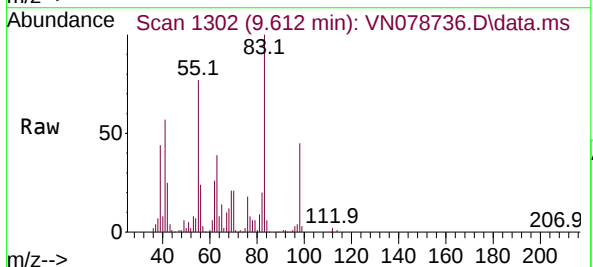
Tgt Ion: 83 Resp: 182063

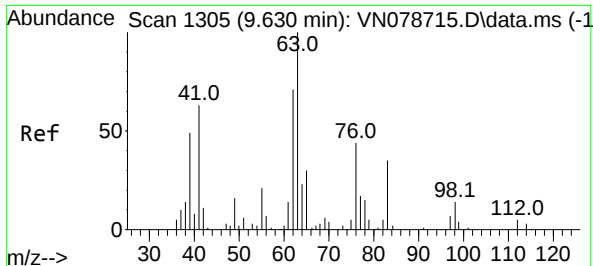
Ion Ratio Lower Upper

83 100

55 75.4 34.0 102.0

98 45.0 23.0 69.0





#39

1,2-Dichloropropane

Concen: 21.982 ug/l

RT: 9.630 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:50

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBSD01

Tgt Ion: 63 Resp: 161724

Ion Ratio Lower Upper

63 100

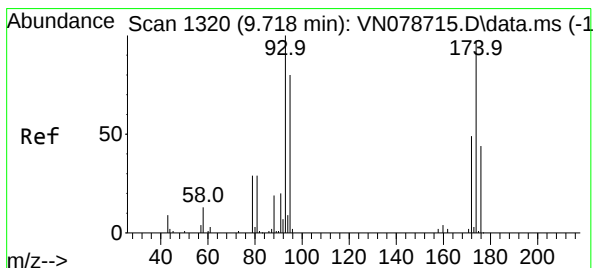
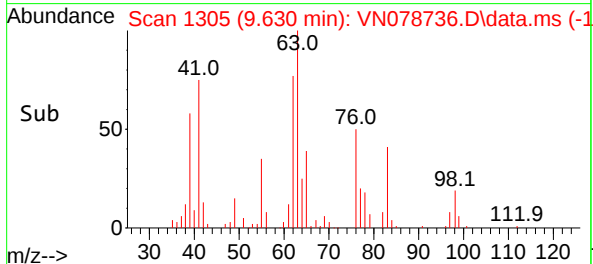
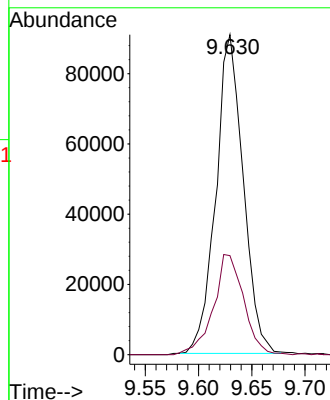
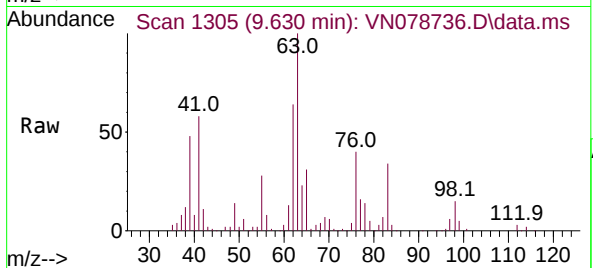
65 30.6 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#40

Dibromomethane

Concen: 22.392 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:50

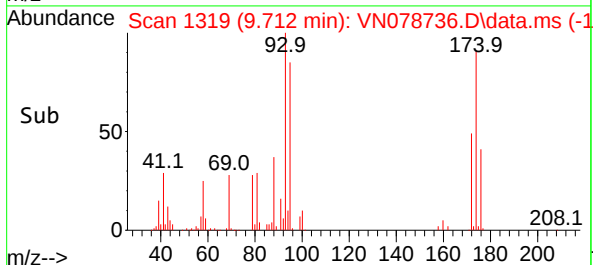
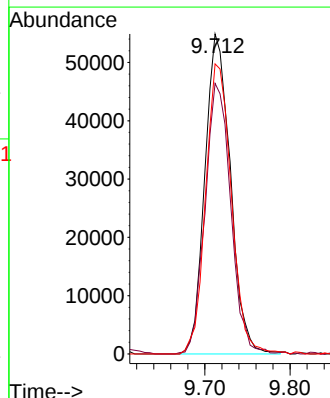
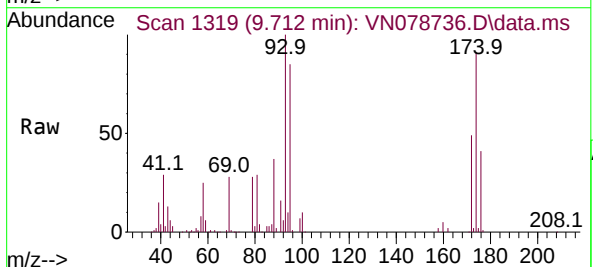
Tgt Ion: 93 Resp: 114024

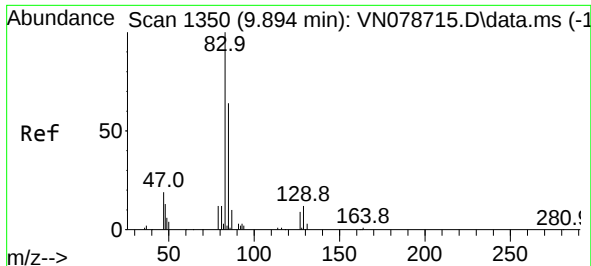
Ion Ratio Lower Upper

93 100

95 84.7 0.0 167.8

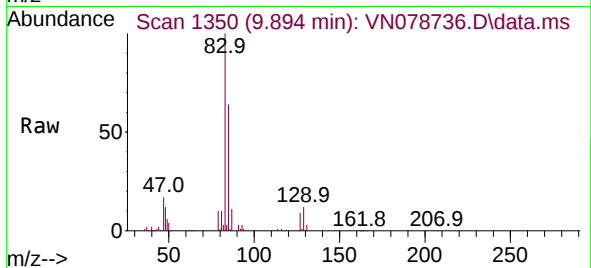
174 91.6 0.0 180.8





#41
Bromodichloromethane
Concen: 26.031 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

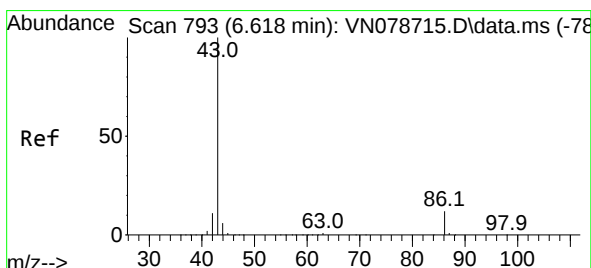
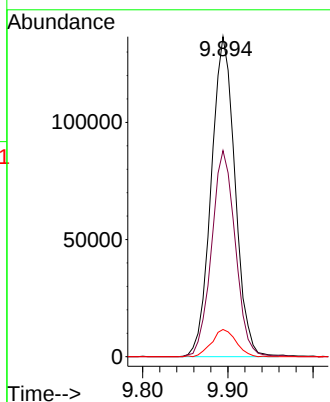
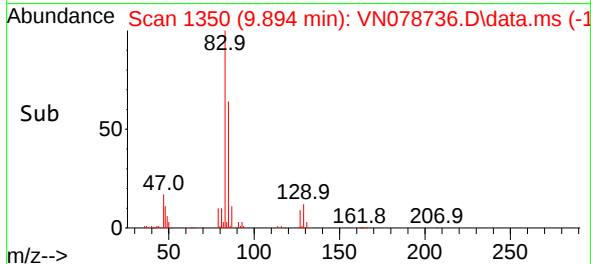
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



Tgt Ion: 83 Resp: 265000
Ion Ratio Lower Upper
83 100
85 64.4 54.1 81.1
127 8.5 7.8 11.6

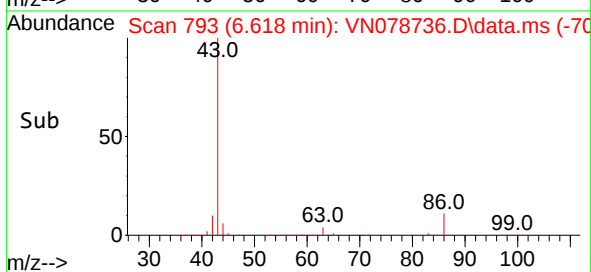
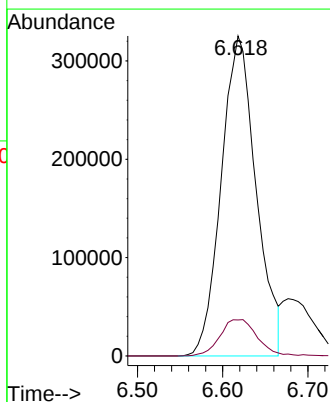
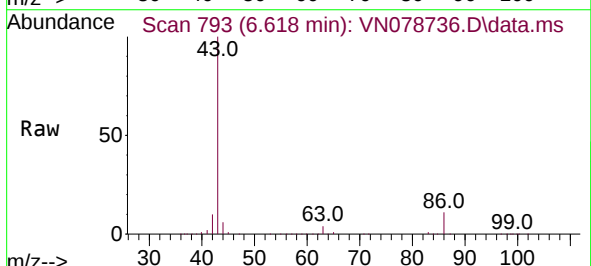
Manual Integrations
APPROVED

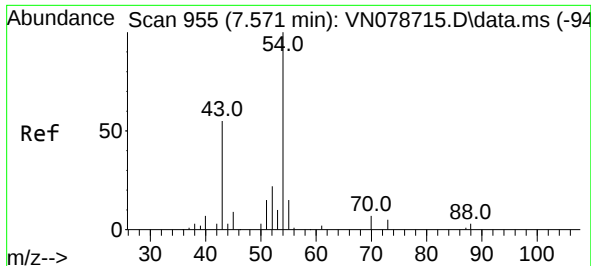
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#42
Vinyl Acetate
Concen: 79.829 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

Tgt Ion: 43 Resp: 926935
Ion Ratio Lower Upper
43 100
86 12.1 9.4 14.0





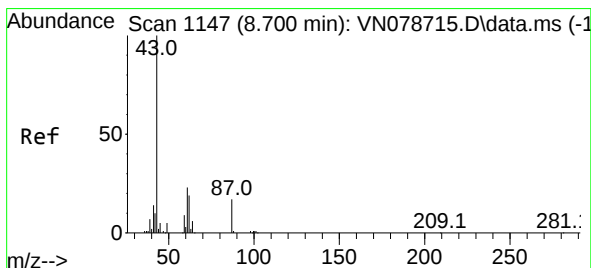
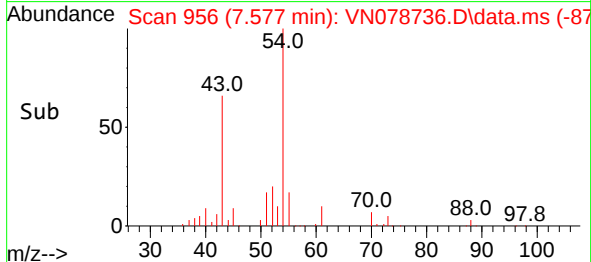
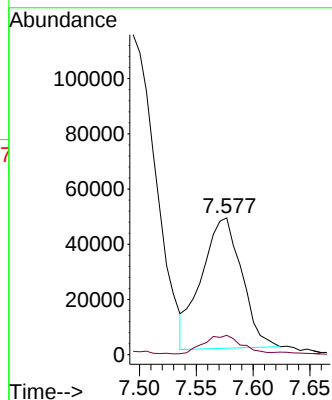
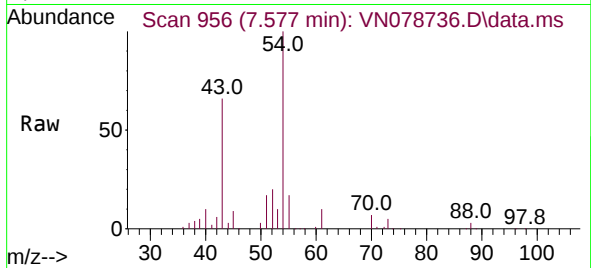
#43
Ethyl Acetate
Concen: 15.578 ug/l
RT: 7.577 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

Tgt Ion: 43 Resp: 116315
Ion Ratio Lower Upper
43 100
45 14.5 10.9 16.3

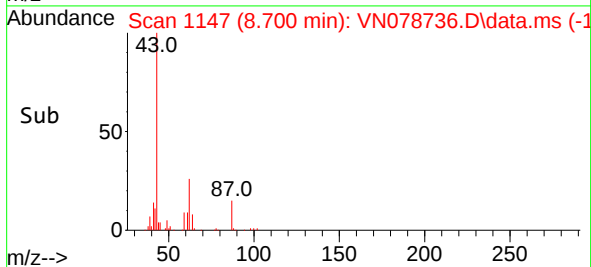
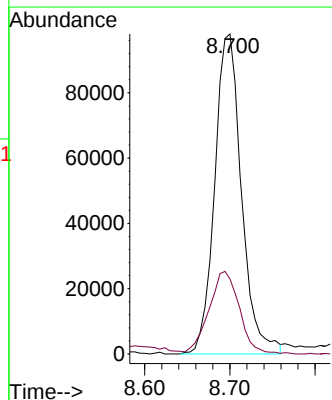
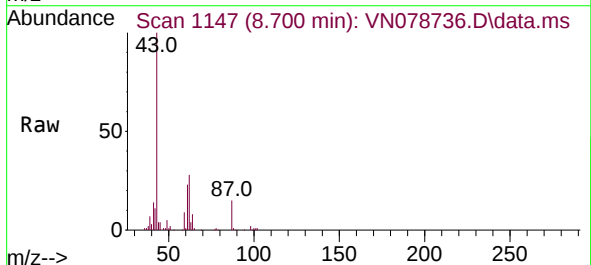
Manual Integrations
APPROVED

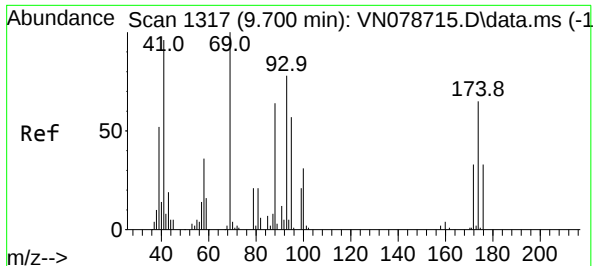
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#44
Isopropyl Acetate
Concen: 16.369 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

Tgt Ion: 43 Resp: 214434
Ion Ratio Lower Upper
43 100
61 29.0 23.0 34.6





#45

1,4-Dioxane

Concen: 455.269 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:50

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBSD01

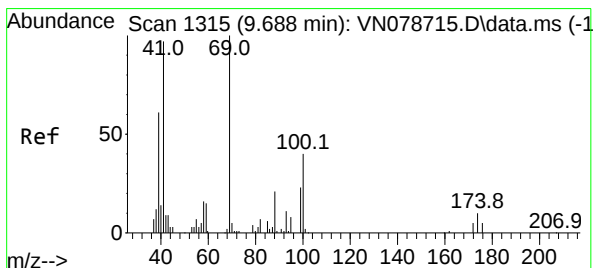
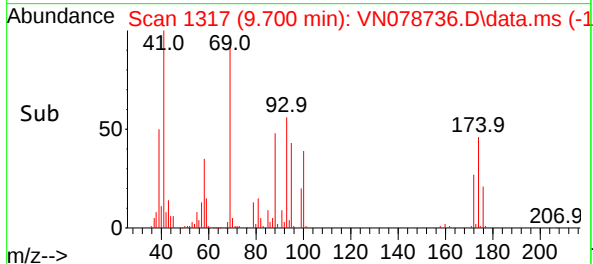
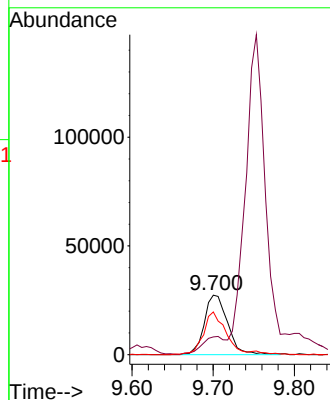
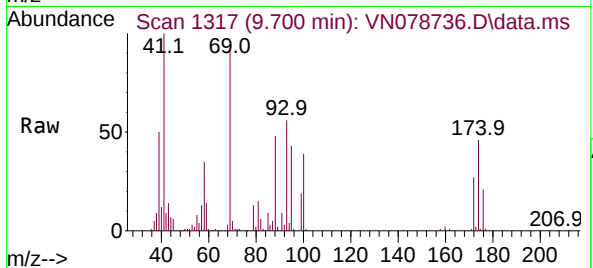
Tgt Ion:	88	Resp:	54862
Ion Ratio	Lower	Upper	
88	100		
43	30.8	19.0	28.6
58	67.7	48.2	72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#46

Methyl methacrylate

Concen: 23.186 ug/l

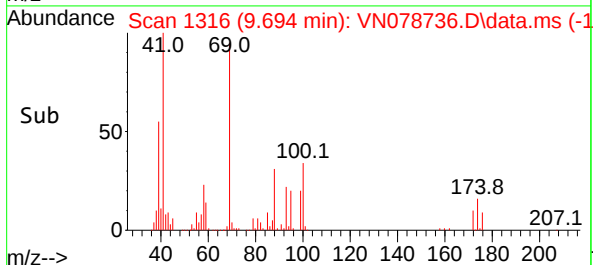
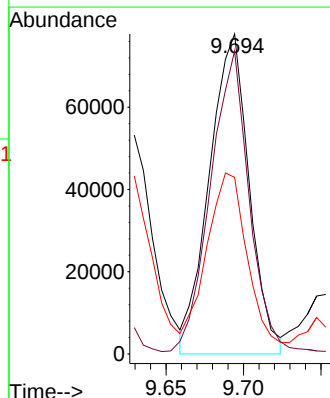
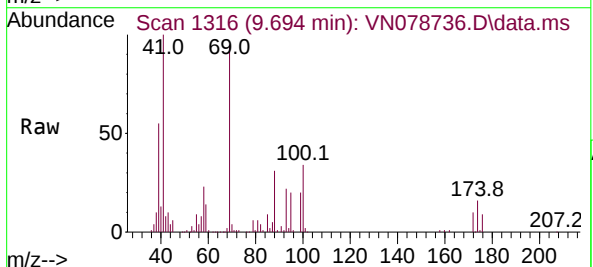
RT: 9.694 min Scan# 1316

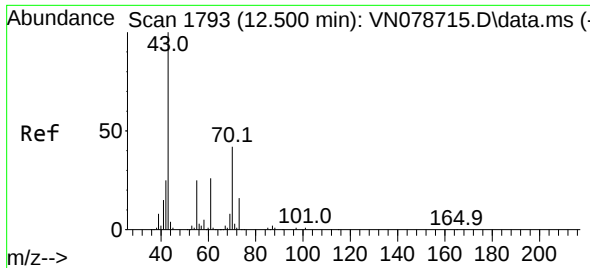
Delta R.T. 0.006 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:50

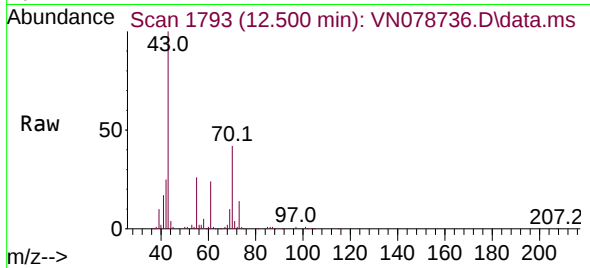
Tgt Ion:	41	Resp:	139098
Ion Ratio	Lower	Upper	
41	100		
69	95.7	49.0	147.0
39	54.3	31.6	94.8





#47
n-amy1 Acetate
Concen: 18.984 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

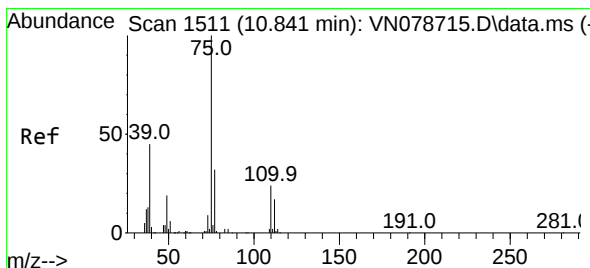
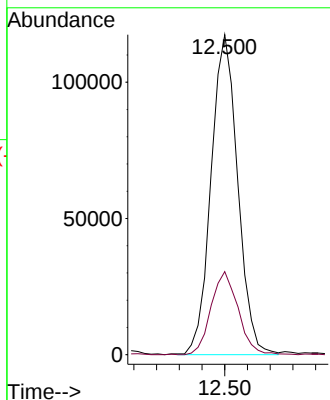
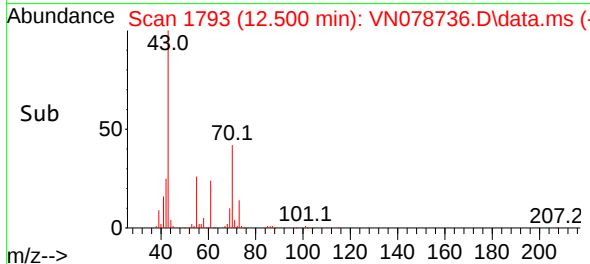
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



Tgt Ion: 43 Resp: 191536
Ion Ratio Lower Upper
43 100
55 26.3 21.5 32.3

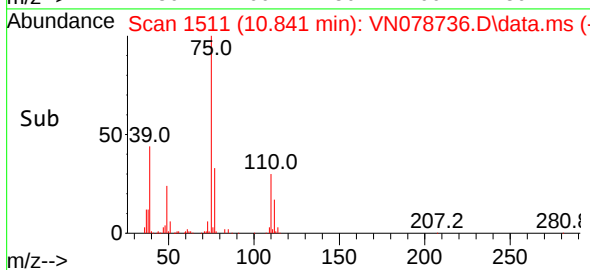
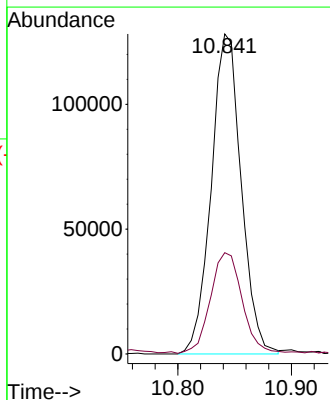
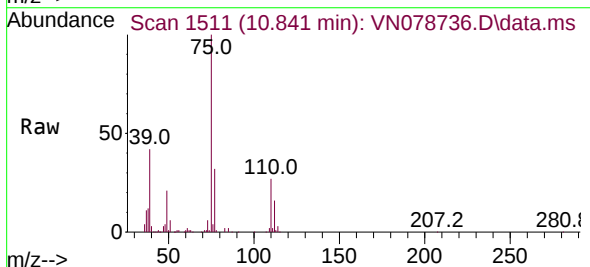
Manual Integrations
APPROVED

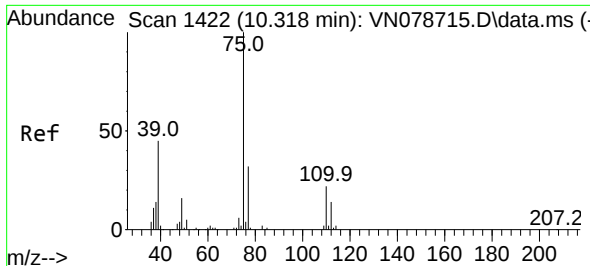
Reviewed By :John Carbone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#48
t-1,3-Dichloropropene
Concen: 21.651 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

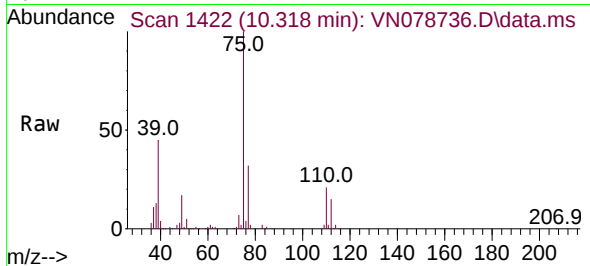
Tgt Ion: 75 Resp: 235247
Ion Ratio Lower Upper
75 100
77 31.4 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 23.696 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078736.D
 Acq: 02 Aug 2023 18:50

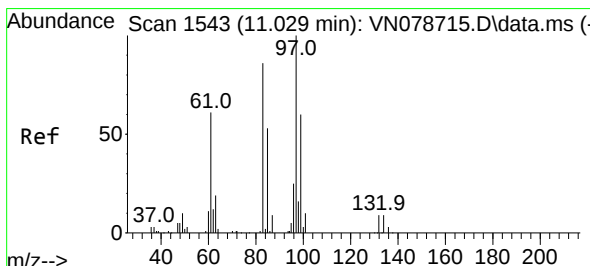
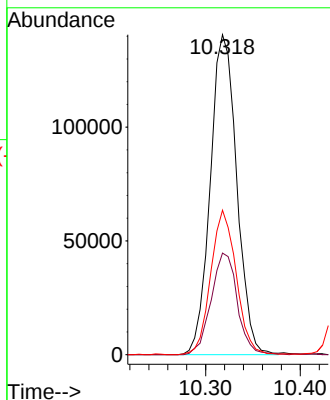
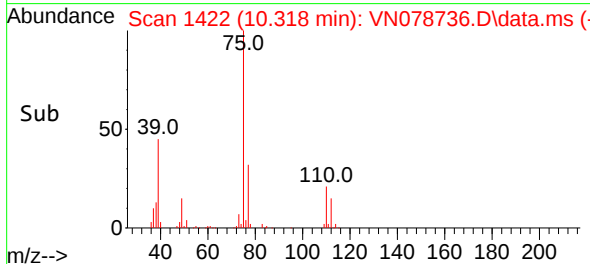
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBSD01



Tgt Ion: 75 Resp: 273464
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.0 36.0
 39 45.2 35.1 52.7

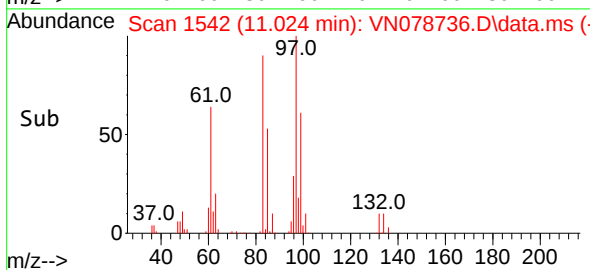
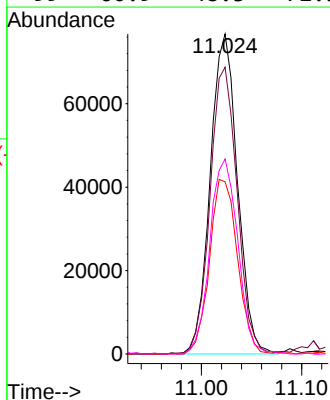
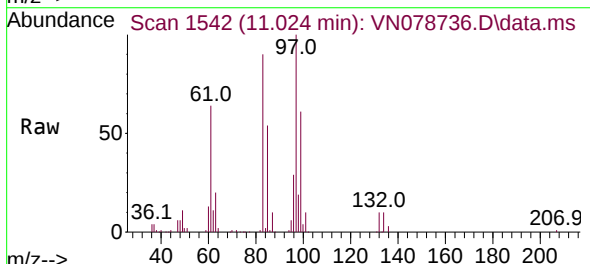
Manual Integrations
 APPROVED

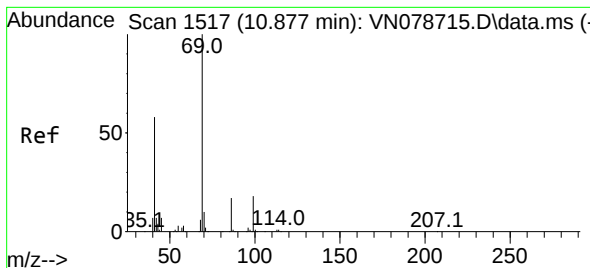
Reviewed By :John Carlone 08/03/2023
 Supervised By :Semsettin Yesilyurt 08/03/2023



#50
 1,1,2-Trichloroethane
 Concen: 20.062 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. -0.006 min
 Lab File: VN078736.D
 Acq: 02 Aug 2023 18:50

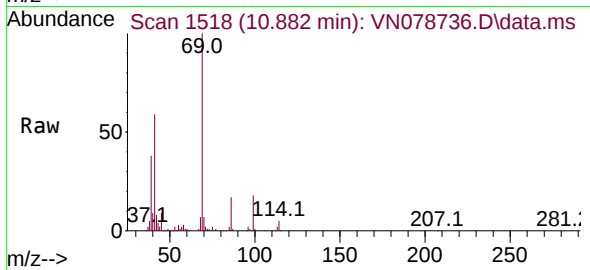
Tgt Ion: 97 Resp: 144612
 Ion Ratio Lower Upper
 97 100
 83 89.3 66.8 100.2
 85 53.8 42.5 63.7
 99 60.9 48.3 72.5





#51
Ethyl methacrylate
Concen: 22.154 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

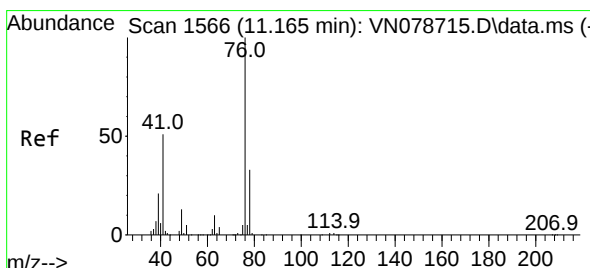
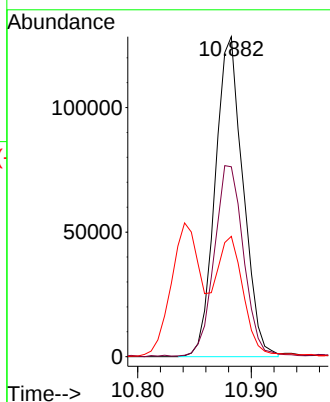
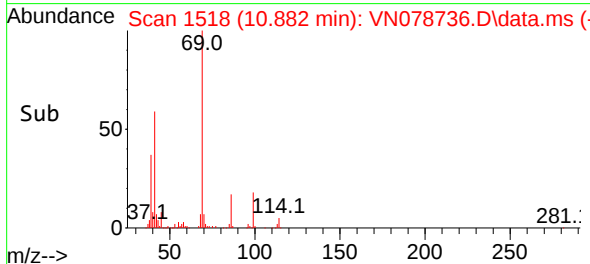
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



Tgt Ion: 69 Resp: 218630
Ion Ratio Lower Upper
69 100
41 59.1 26.0 78.0
39 36.7 16.3 48.9

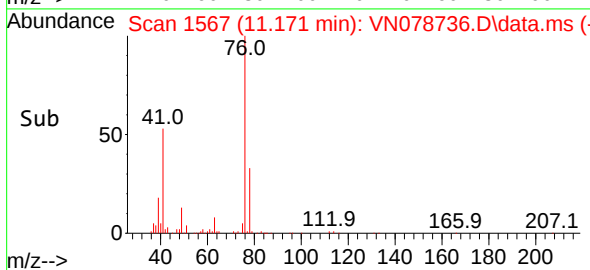
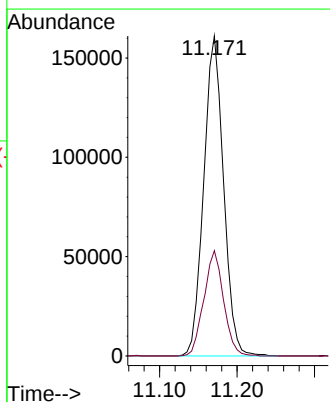
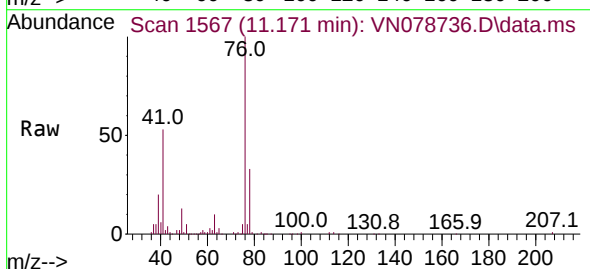
Manual Integrations
APPROVED

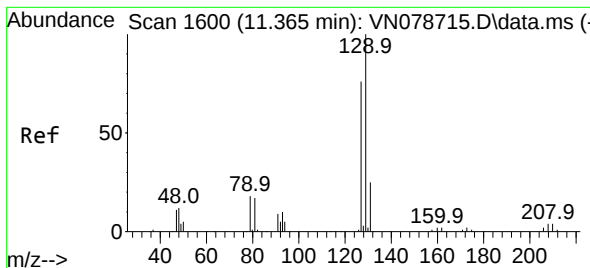
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#52
1,3-Dichloropropane
Concen: 22.093 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

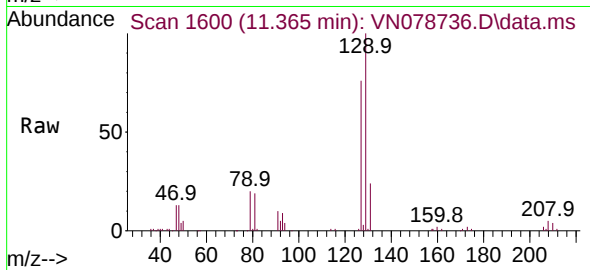
Tgt Ion: 76 Resp: 286223
Ion Ratio Lower Upper
76 100
78 32.7 0.0 66.2





#53
Dibromochloromethane
Concen: 19.542 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

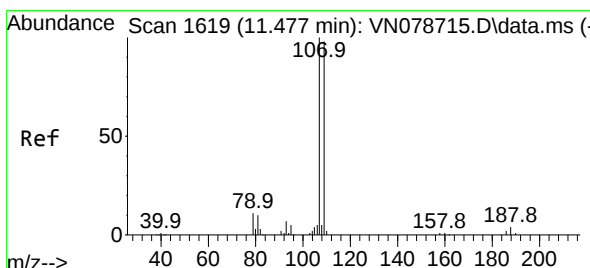
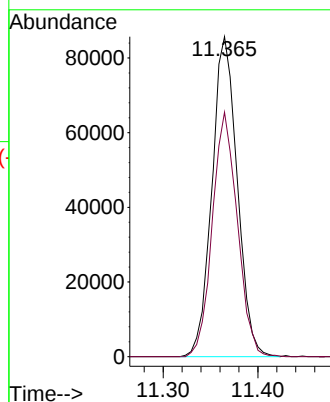
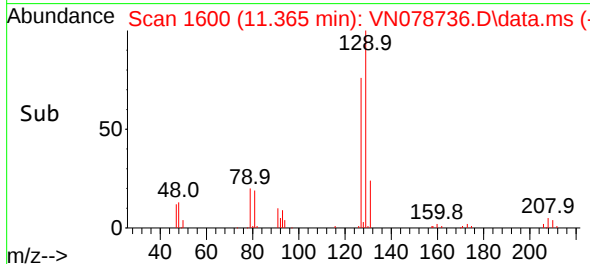
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



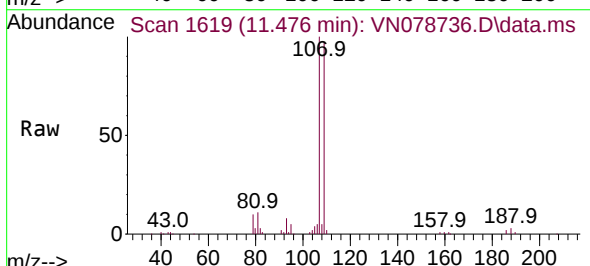
Tgt Ion:129 Resp: 15913
Ion Ratio Lower Upper
129 100
127 75.4 39.4 118.1

Manual Integrations
APPROVED

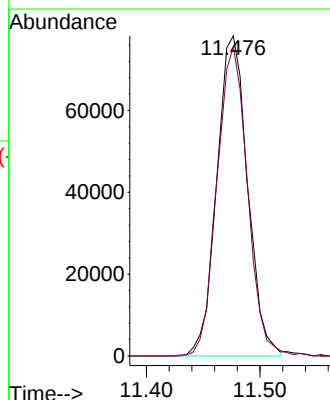
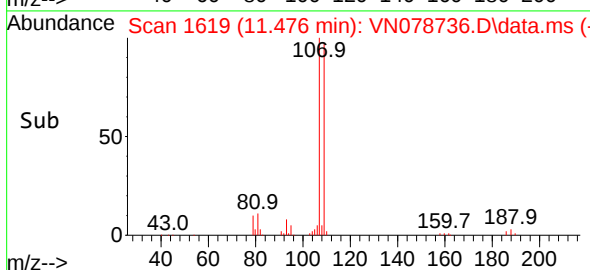
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

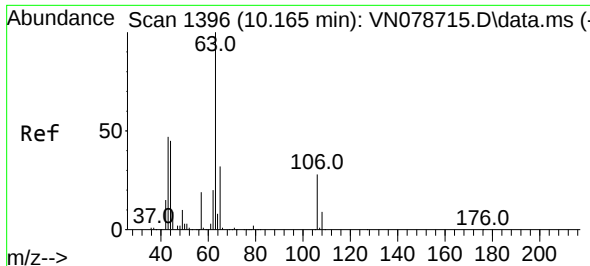


#54
1,2-Dibromoethane
Concen: 20.292 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50



Tgt Ion:107 Resp: 146877
Ion Ratio Lower Upper
107 100
109 96.1 74.6 112.0





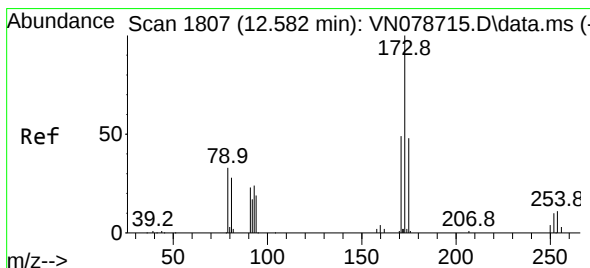
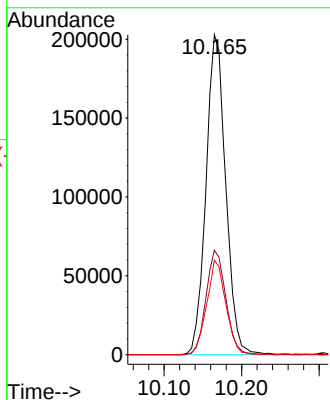
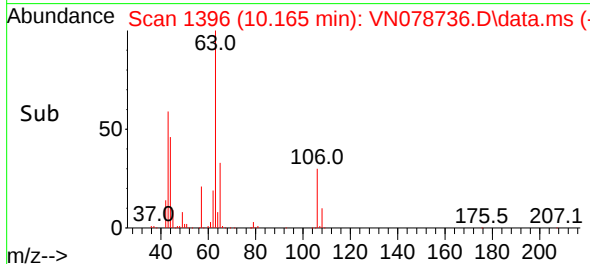
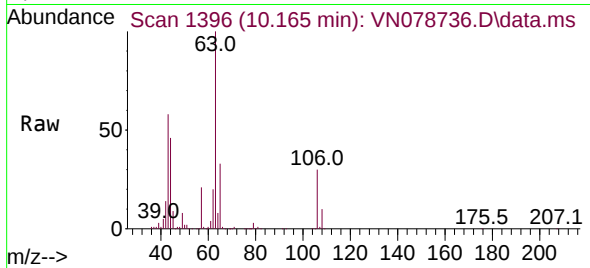
#55
2-Chloroethyl vinyl ether
Concen: 114.039 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

Tgt Ion: 63 Resp: 35861
Ion Ratio Lower Upper
63 100
65 32.6 26.3 39.5
106 28.8 23.8 35.6

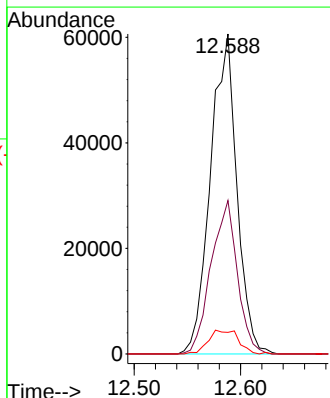
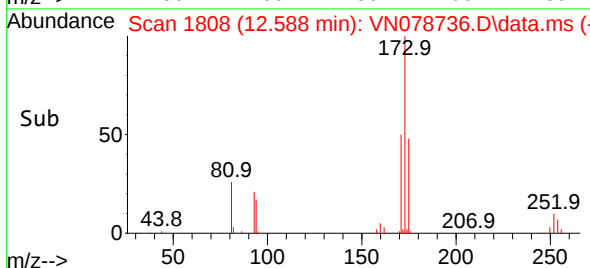
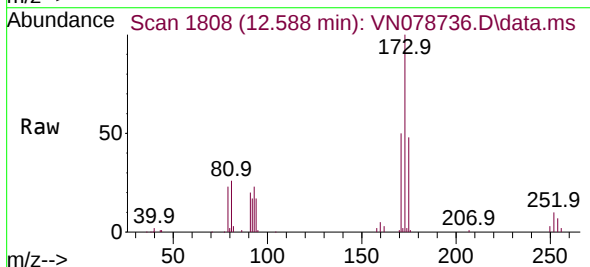
Manual Integrations
APPROVED

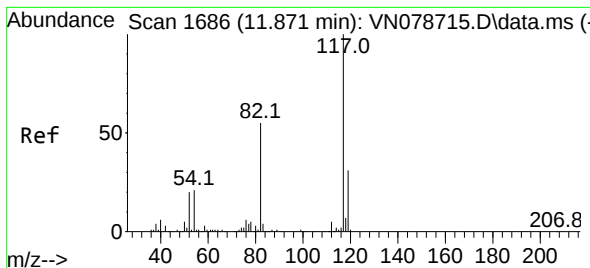
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#56
Bromoform
Concen: 19.601 ug/l
RT: 12.588 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

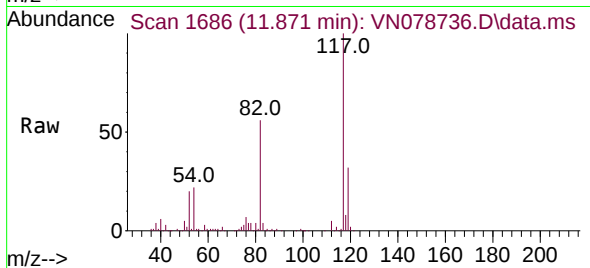
Tgt Ion:173 Resp: 104436
Ion Ratio Lower Upper
173 100
175 47.7 40.7 61.1
254 5.9 6.5 9.7#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

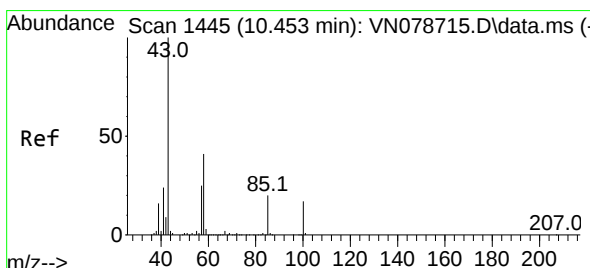
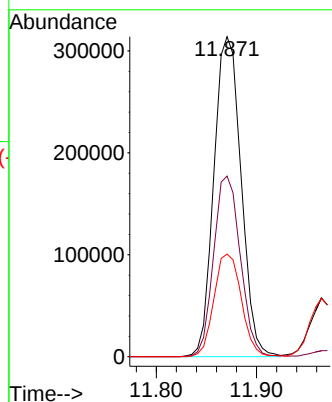
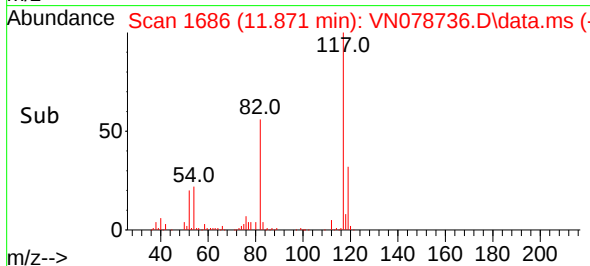
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



Tgt Ion:117 Resp: 591730
Ion Ratio Lower Upper
117 100
82 55.5 43.9 65.9
119 32.4 26.2 39.4

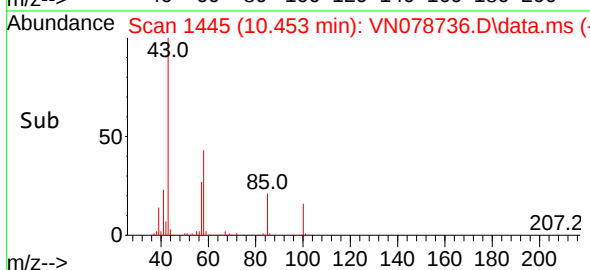
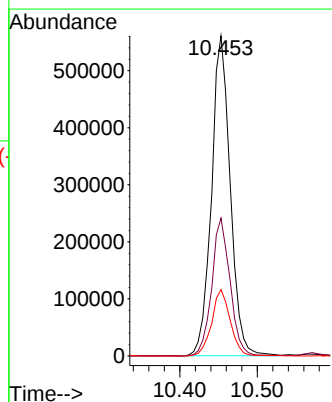
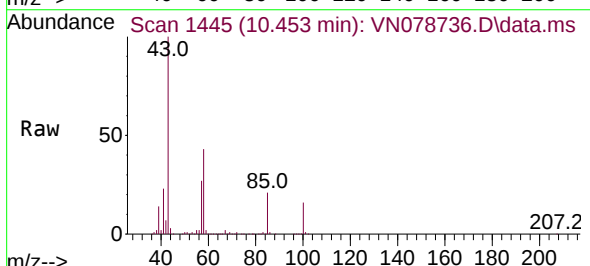
Manual Integrations
APPROVED

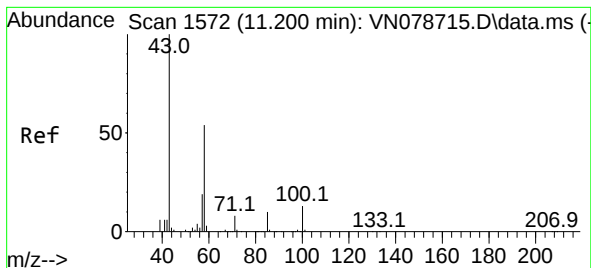
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#58
4-Methyl-2-Pentanone
Concen: 106.710 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

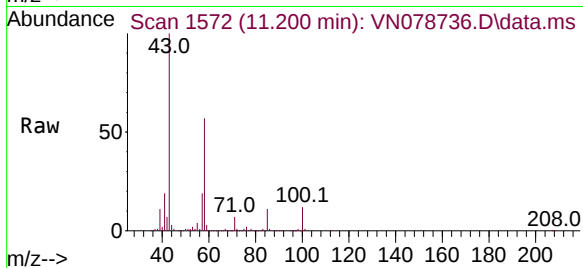
Tgt Ion: 43 Resp: 945126
Ion Ratio Lower Upper
43 100
58 41.9 32.6 48.8
85 20.4 16.2 24.2





#59
2-Hexanone
Concen: 97.791 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

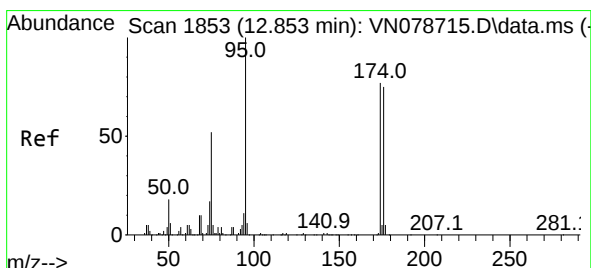
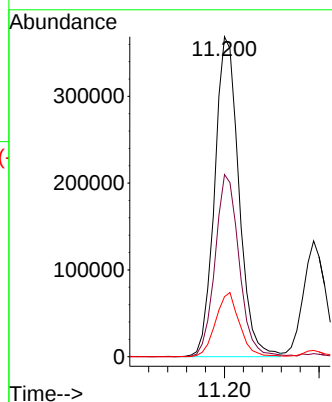
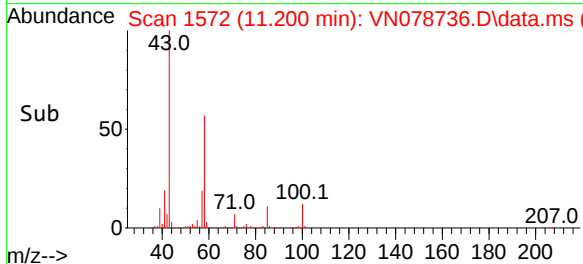
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



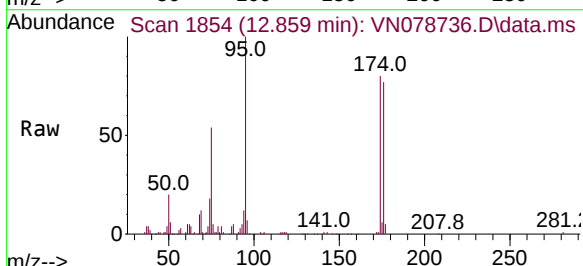
Tgt Ion: 43 Resp: 655804
Ion Ratio Lower Upper
43 100
58 56.5 45.9 68.9
57 19.7 15.8 23.6

Manual Integrations
APPROVED

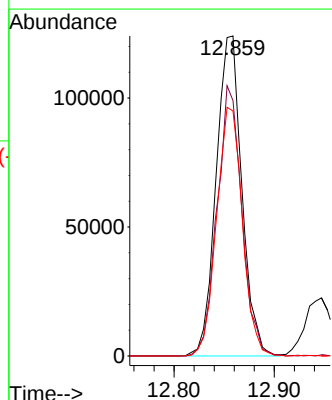
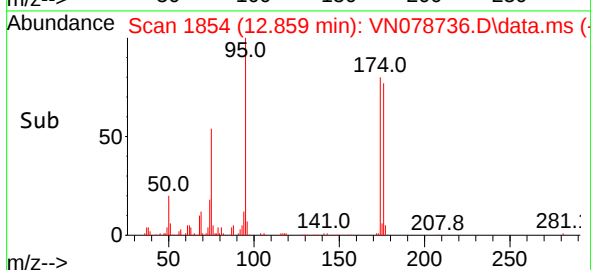
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

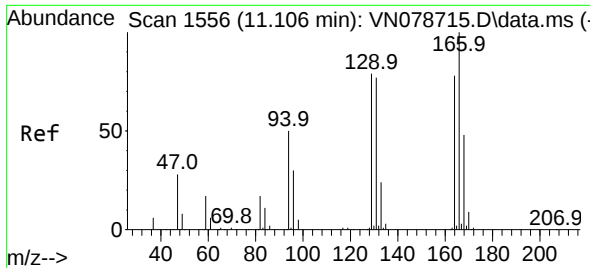


#60
4-Bromofluorobenzene
Concen: 24.925 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50



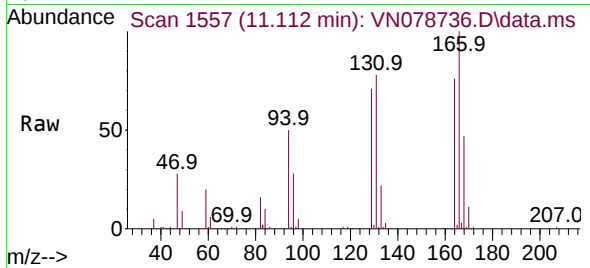
Tgt Ion: 95 Resp: 221035
Ion Ratio Lower Upper
95 100
174 81.2 61.7 92.5
176 77.7 58.1 87.1





#61
Tetrachloroethene
Concen: 17.403 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

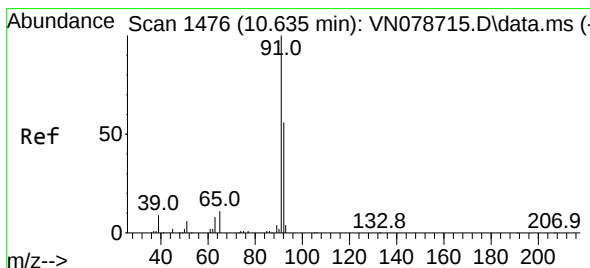
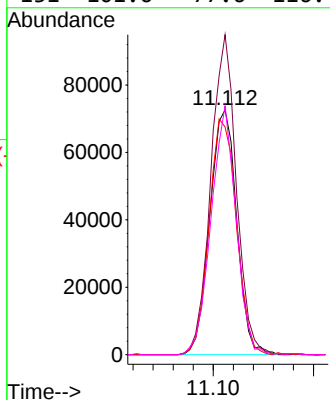
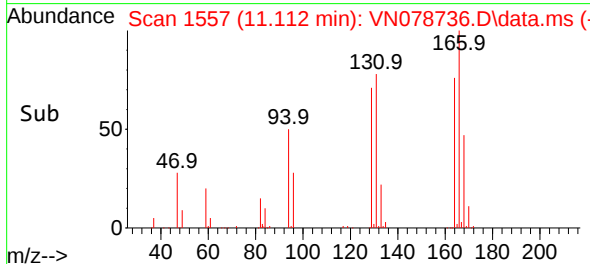
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



Tgt Ion:164 Resp: 135414
Ion Ratio Lower Upper
164 100
166 130.8 99.1 148.7
129 93.0 85.6 128.4
131 101.6 77.6 116.4

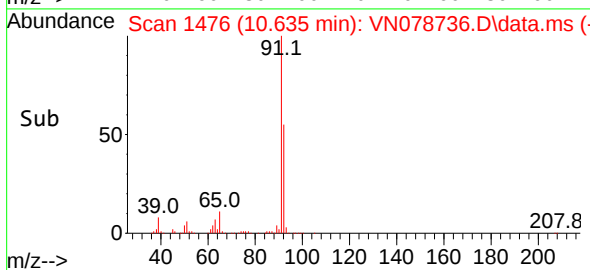
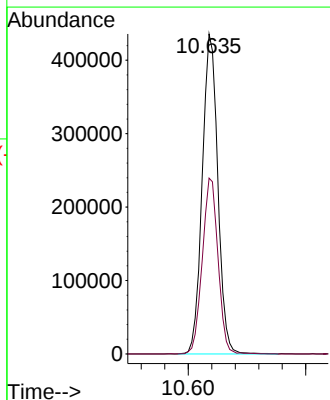
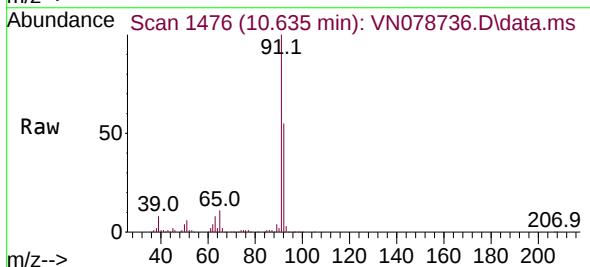
Manual Integrations
APPROVED

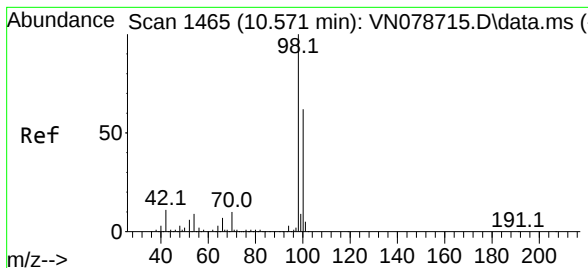
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#62
Toluene
Concen: 22.574 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

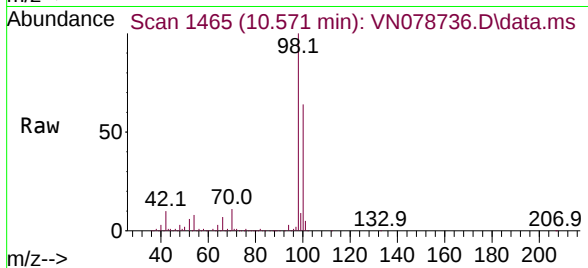
Tgt Ion: 91 Resp: 803479
Ion Ratio Lower Upper
91 100
92 55.3 45.2 67.8





#63
Toluene-d8
Concen: 36.877 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

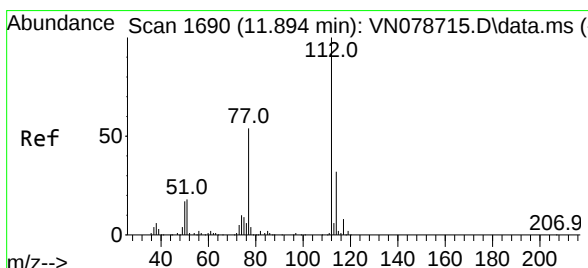
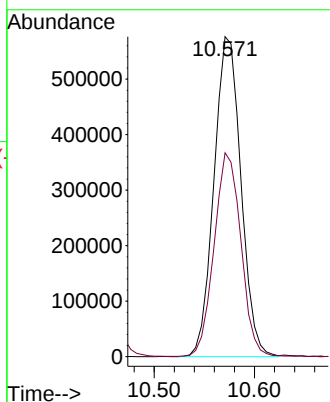
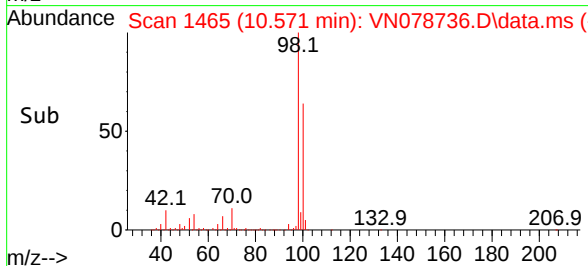
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



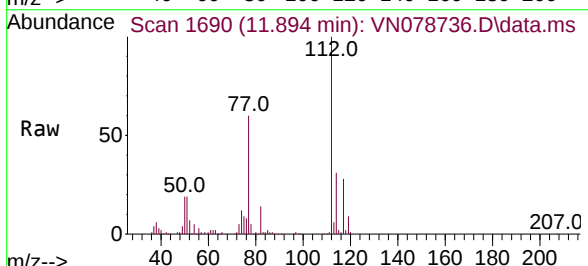
Tgt Ion: 98 Resp: 1077950
Ion Ratio Lower Upper
98 100
100 63.3 49.7 74.5

Manual Integrations
APPROVED

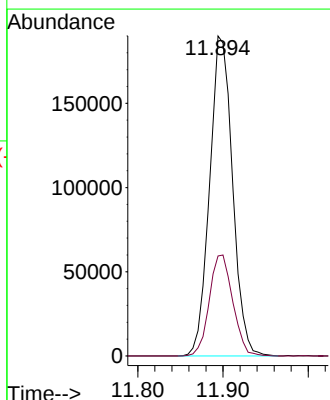
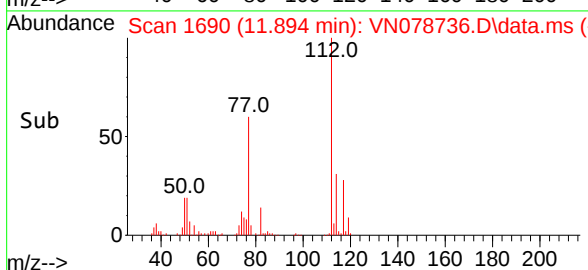
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

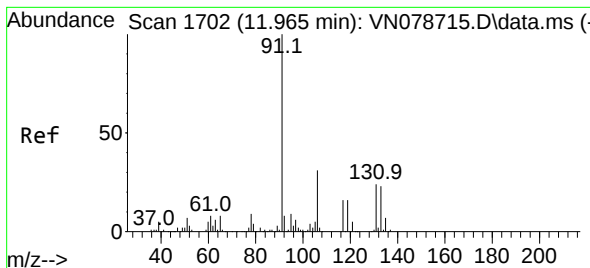


#64
Chlorobenzene
Concen: 17.071 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50



Tgt Ion:112 Resp: 354745
Ion Ratio Lower Upper
112 100
114 31.3 25.9 38.9





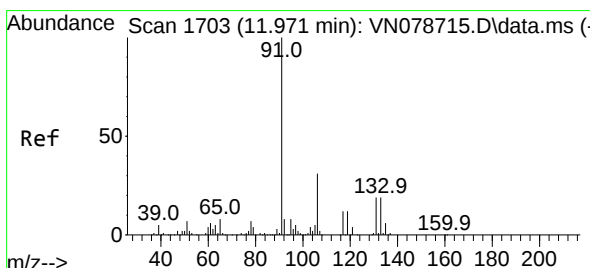
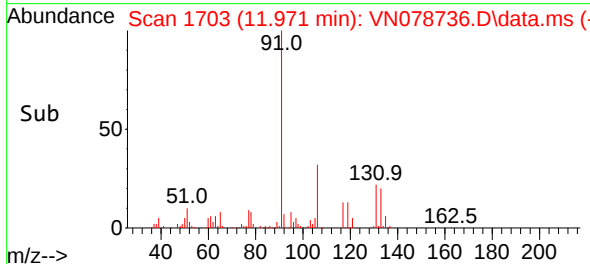
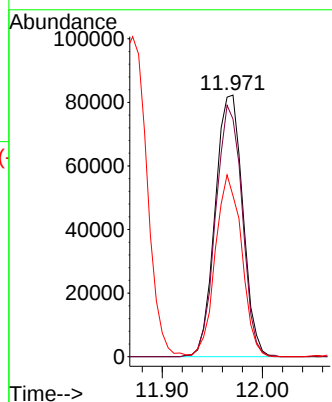
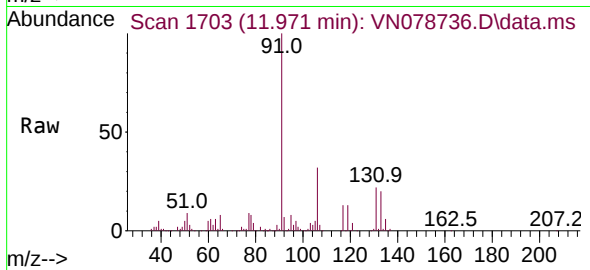
#65
1,1,1,2-Tetrachloroethane
Concen: 19.190 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

Tgt Ion:131 Resp: 15727
Ion Ratio Lower Upper
131 100
133 92.1 0.0 191.8
119 66.3 0.0 132.0

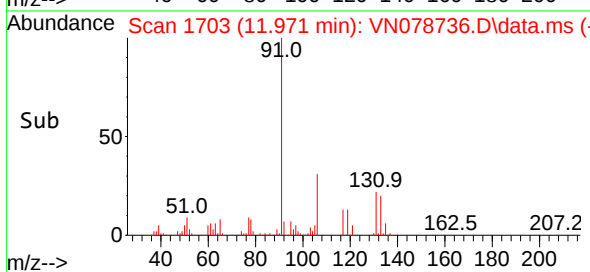
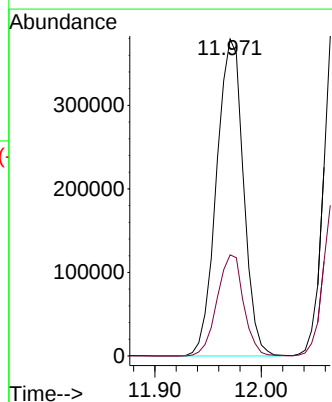
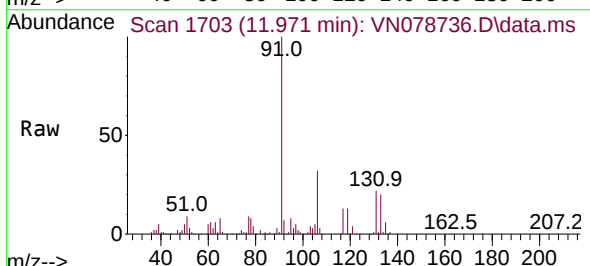
Manual Integrations
APPROVED

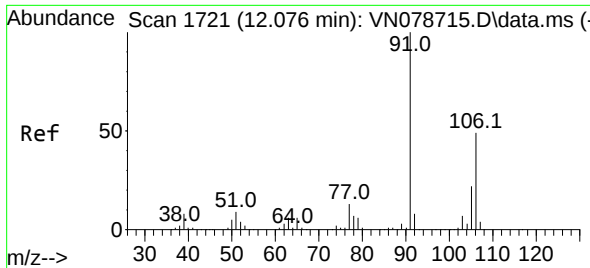
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#66
Ethyl Benzene
Concen: 18.572 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

Tgt Ion: 91 Resp: 666205
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4





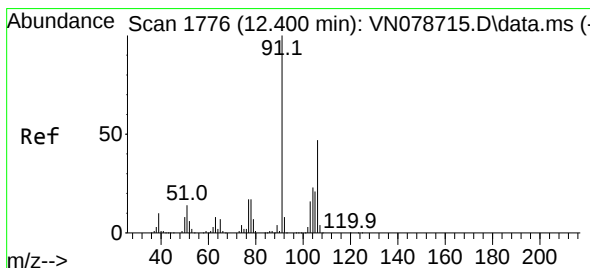
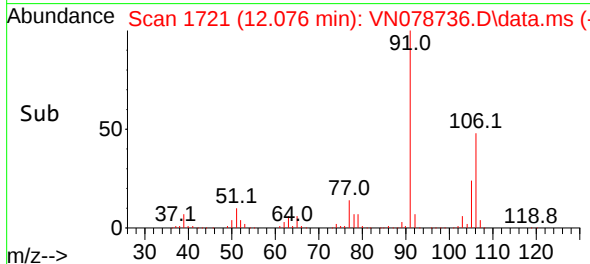
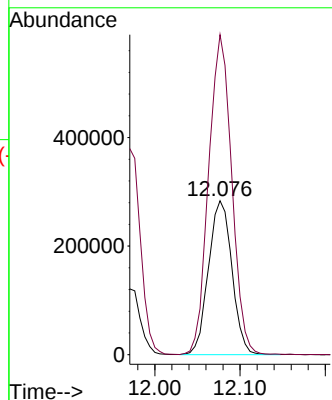
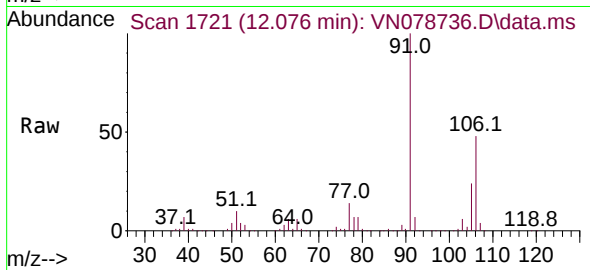
#67
m/p-Xylenes
Concen: 39.616 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01

Tgt Ion:106 Resp: 542835
Ion Ratio Lower Upper
106 100
91 204.8 162.5 243.7

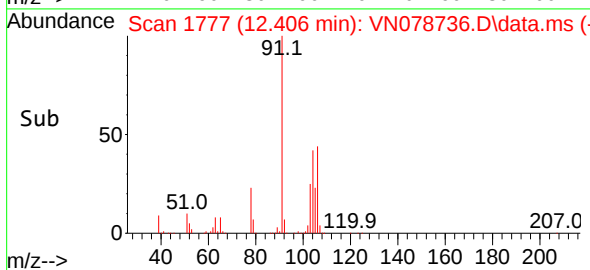
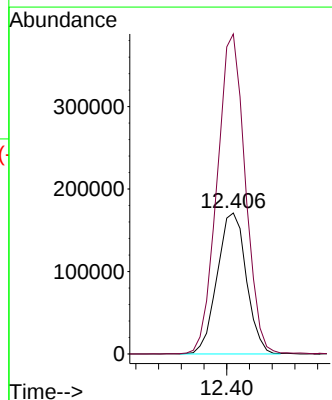
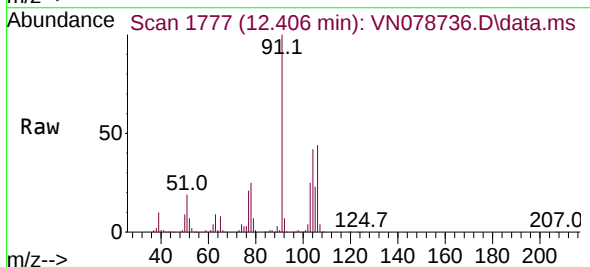
Manual Integrations
APPROVED

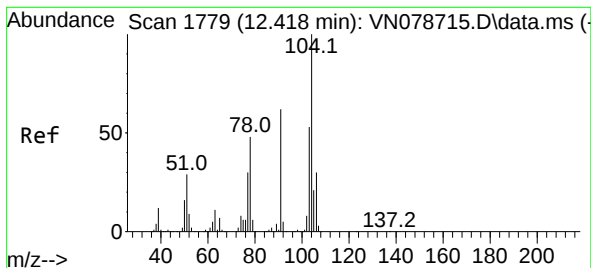
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#68
o-Xylene
Concen: 21.858 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

Tgt Ion:106 Resp: 304755
Ion Ratio Lower Upper
106 100
91 219.6 106.1 318.3





#69

Styrene

Concen: 20.816 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:50

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBSD01

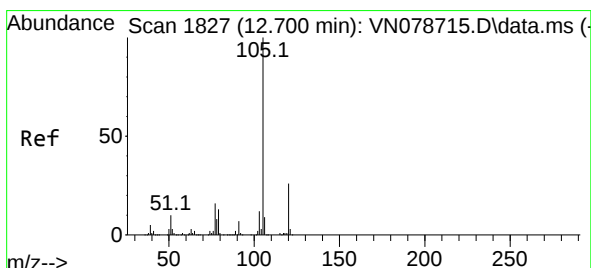
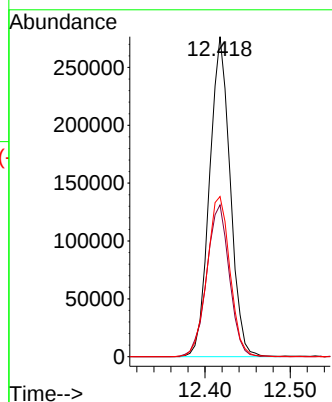
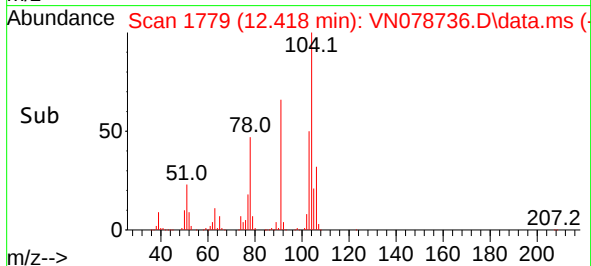
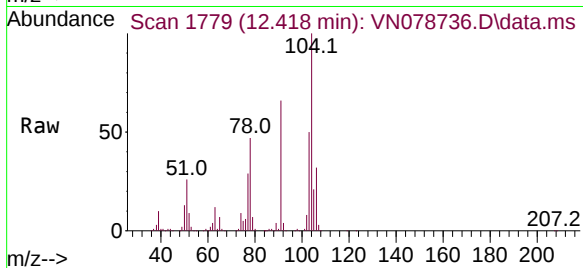
Tgt Ion:104 Resp: 466978
 Ion Ratio Lower Upper
 104 100
 78 51.9 40.1 60.1
 103 55.6 45.1 67.7

Manual Integrations

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Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#70

Isopropylbenzene

Concen: 16.173 ug/l

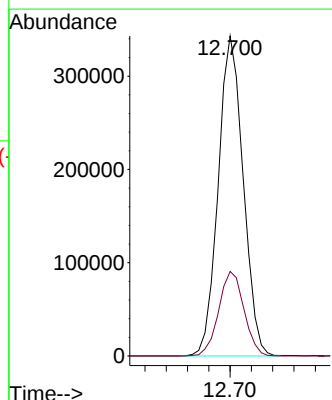
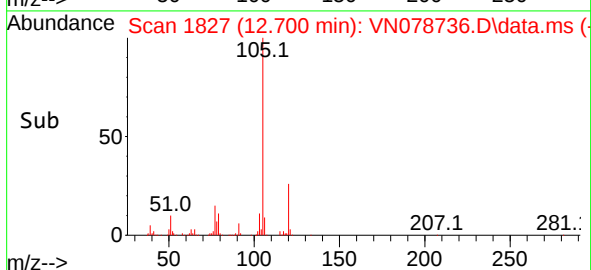
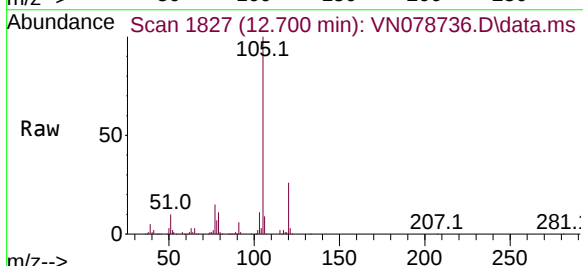
RT: 12.700 min Scan# 1827

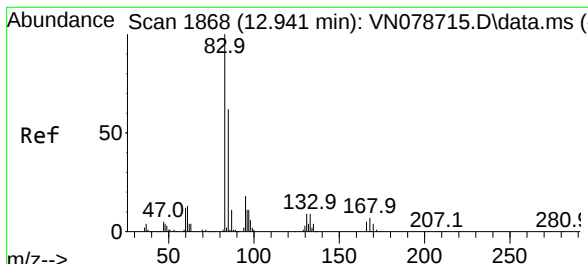
Delta R.T. -0.000 min

Lab File: VN078736.D

Acq: 02 Aug 2023 18:50

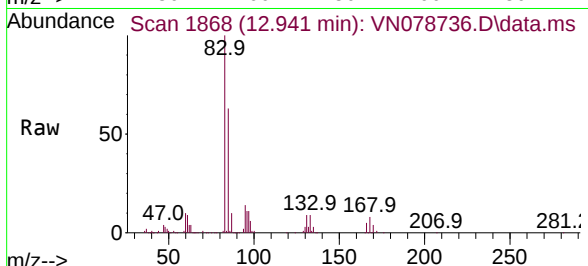
Tgt Ion:105 Resp: 557847
 Ion Ratio Lower Upper
 105 100
 120 26.7 18.3 34.1





#71
 1,1,2,2-Tetrachloroethane
 Concen: 23.208 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN078736.D
 Acq: 02 Aug 2023 18:50

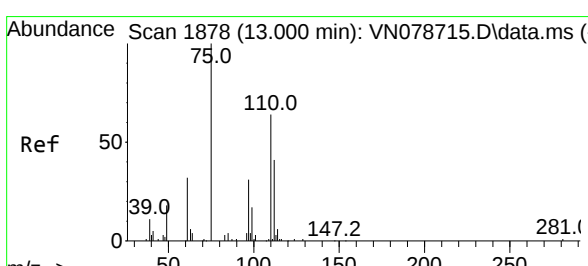
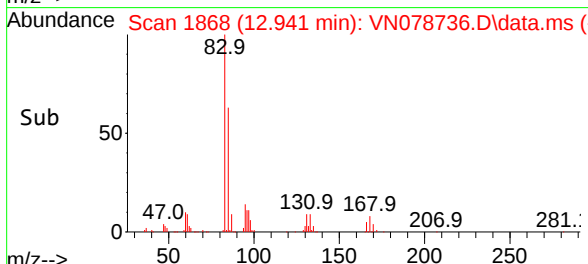
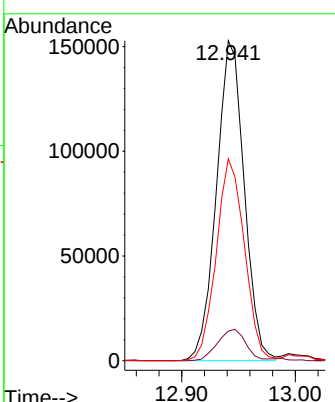
Instrument : MSVOA_N
 ClientSampleId : VN0802WBSD01



Tgt Ion: 83 Resp: 260030

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.8	14.4
85	63.8	32.6	98.0

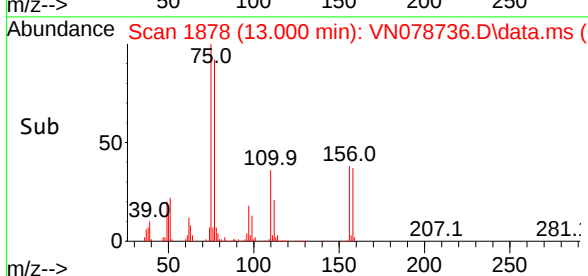
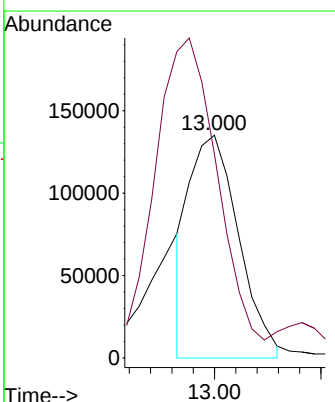
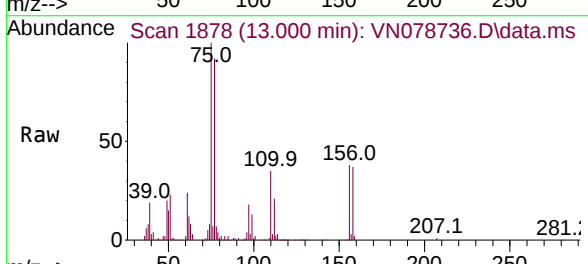
Manual Integrations
APPROVED
 Reviewed By :John Carlone 08/03/2023
 Supervised By :Semsettin Yesilyurt 08/03/2023

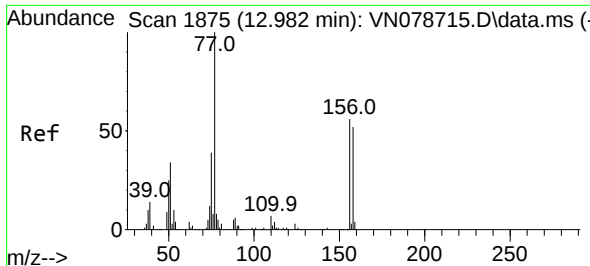


#72
 1,2,3-Trichloropropane
 Concen: 23.182 ug/l m
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VN078736.D
 Acq: 02 Aug 2023 18:50

Tgt Ion: 75 Resp: 217892

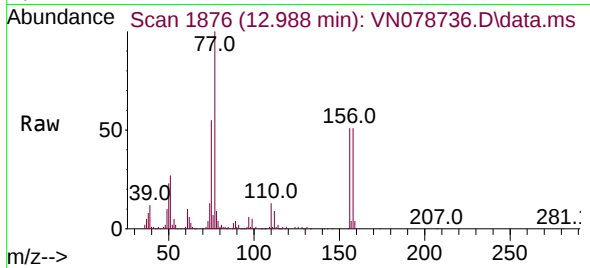
Ion	Ratio	Lower	Upper
75	100		
77	185.2	0.0	387.4





#73
Bromobenzene
Concen: 21.796 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

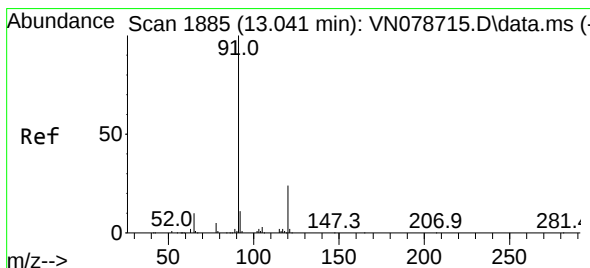
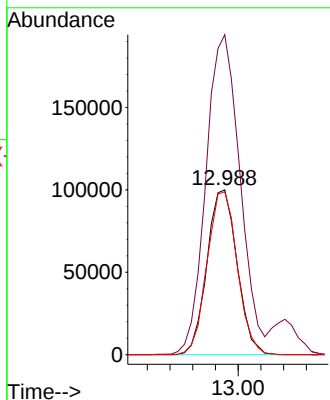
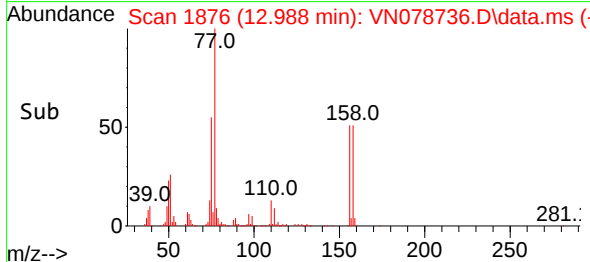
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



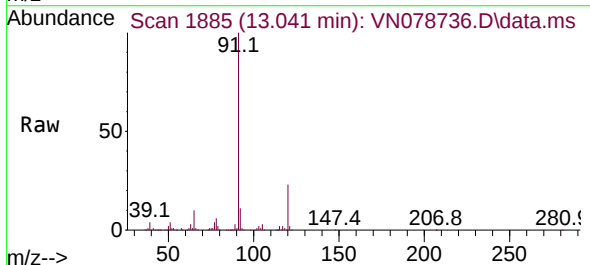
Tgt Ion:156 Resp: 184260
Ion Ratio Lower Upper
156 100
77 218.9 0.0 420.8
158 98.9 0.0 193.2

Manual Integrations
APPROVED

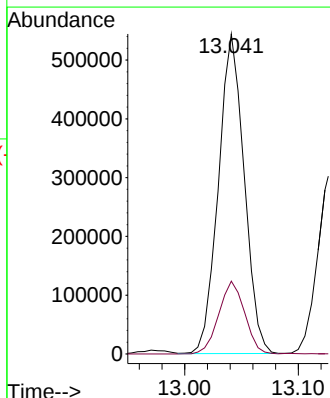
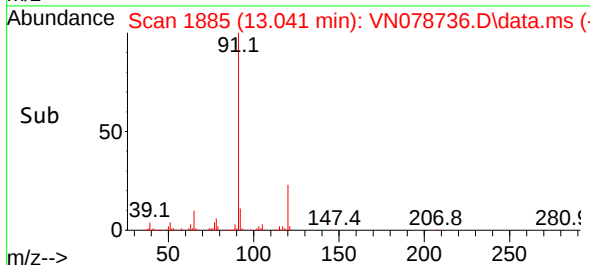
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

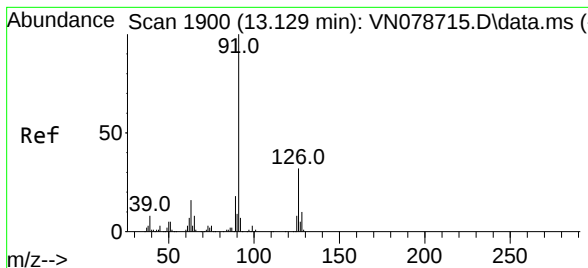


#74
n-propylbenzene
Concen: 22.415 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50



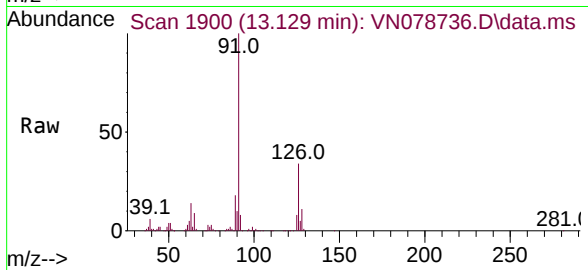
Tgt Ion: 91 Resp: 856921
Ion Ratio Lower Upper
91 100
120 22.7 0.0 44.6





#75
2-Chlorotoluene
Concen: 21.749 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

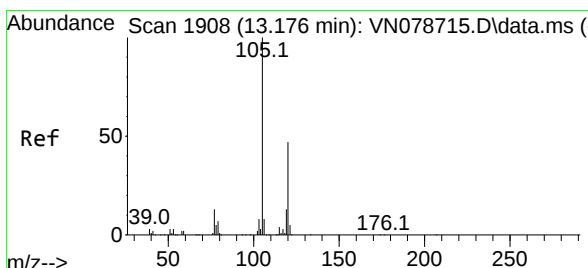
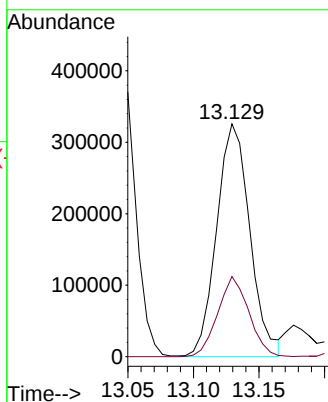
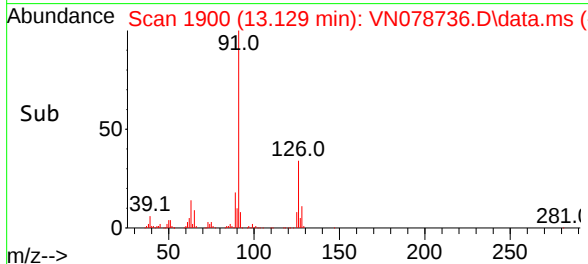
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



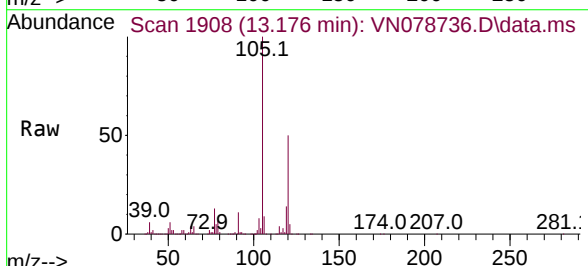
Tgt Ion: 91 Resp: 574209
Ion Ratio Lower Upper
91 100
126 32.2 0.0 67.2

Manual Integrations
APPROVED

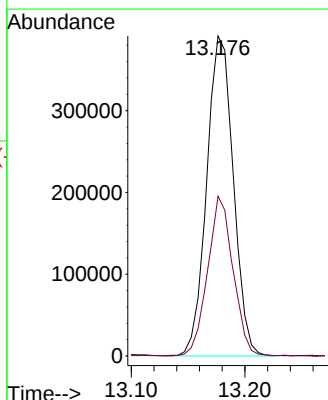
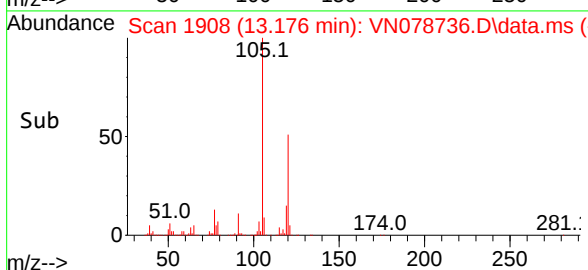
Reviewed By :John Carbone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

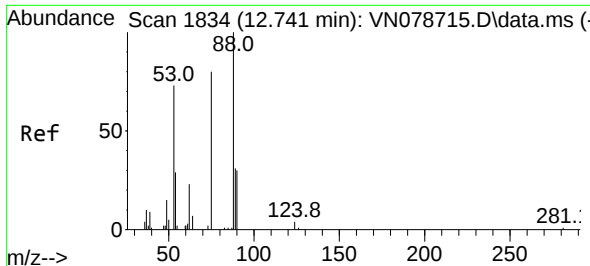


#76
1,3,5-Trimethylbenzene
Concen: 20.705 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50



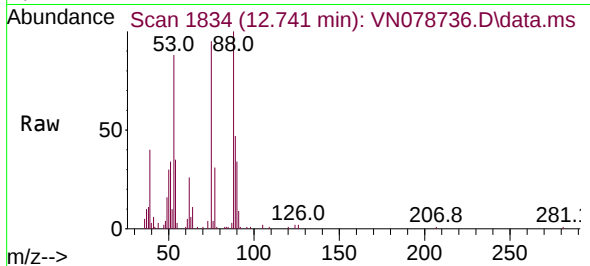
Tgt Ion:105 Resp: 637629
Ion Ratio Lower Upper
105 100
120 47.6 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 15.268 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

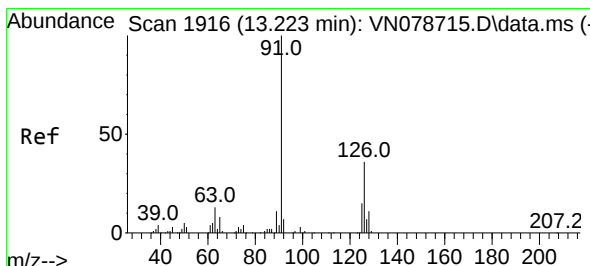
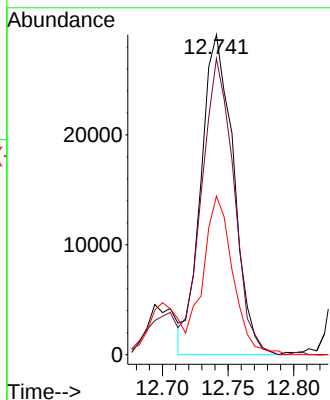
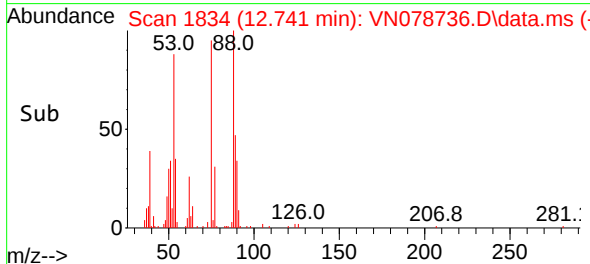
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



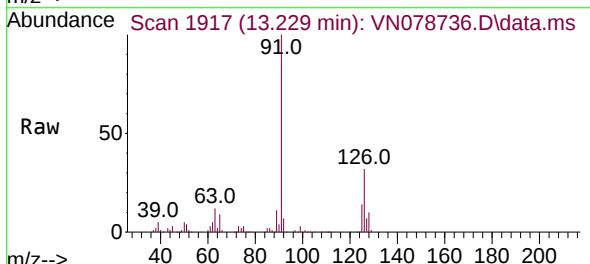
Tgt Ion: 75 Resp: 50150
Ion Ratio Lower Upper
75 100
53 92.5 41.6 124.9
89 48.4 25.1 75.4

Manual Integrations
APPROVED

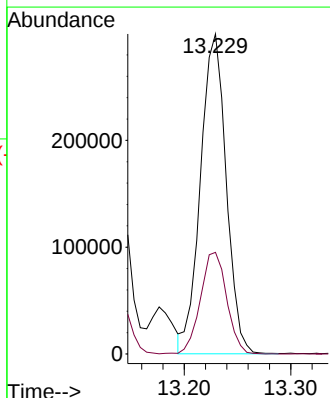
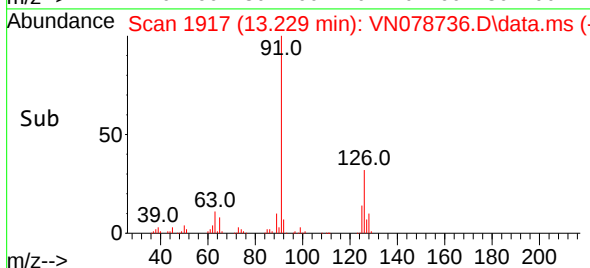
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

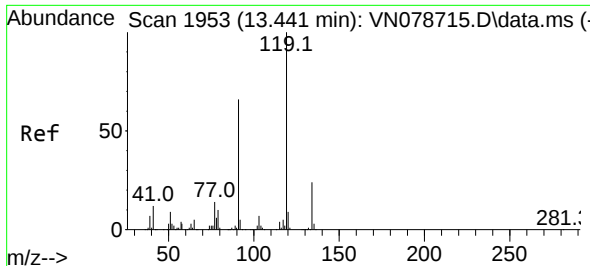


#78
4-Chlorotoluene
Concen: 19.756 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50



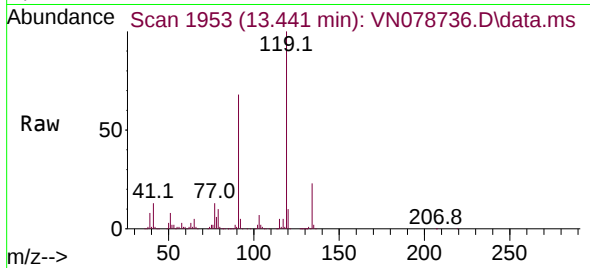
Tgt Ion: 91 Resp: 503601
Ion Ratio Lower Upper
91 100
126 32.3 0.0 68.8





#79
tert-butylbenzene
Concen: 19.005 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

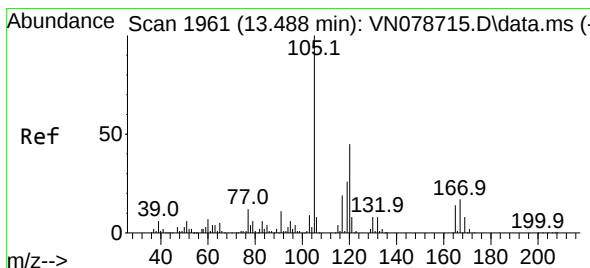
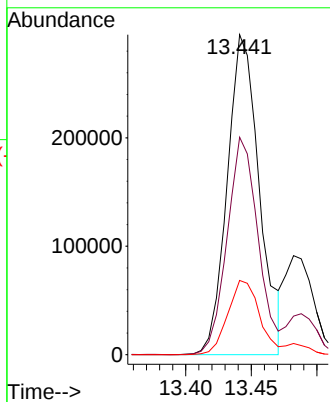
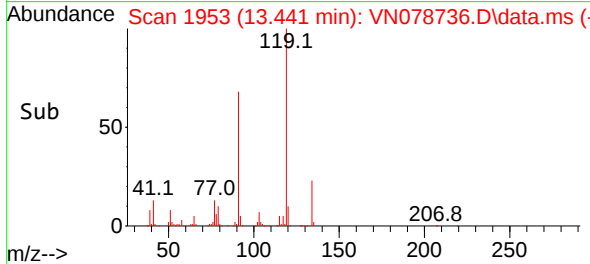
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



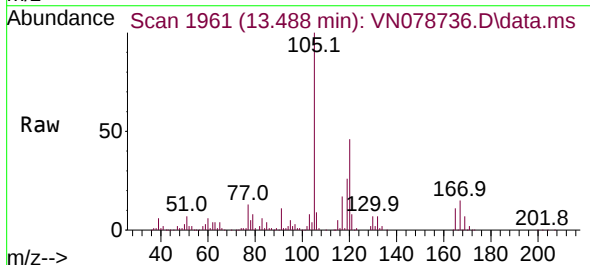
Tgt Ion:119 Resp: 503728
Ion Ratio Lower Upper
119 100
91 65.6 0.0 126.6
134 22.8 0.0 44.0

Manual Integrations
APPROVED

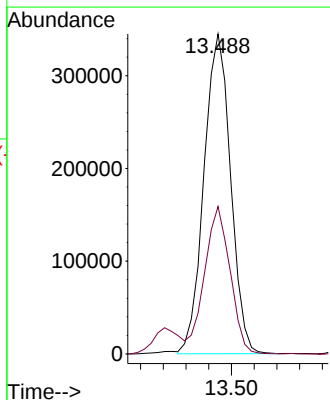
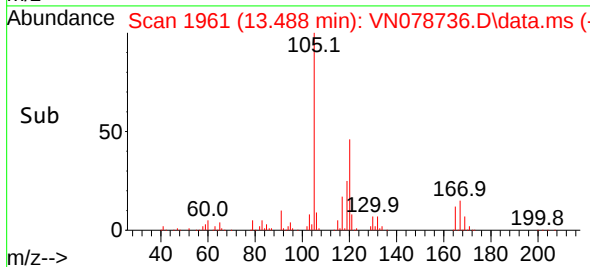
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

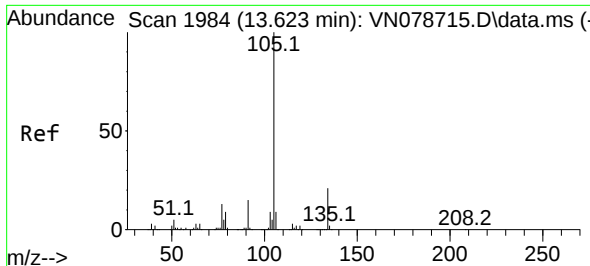


#80
1,2,4-Trimethylbenzene
Concen: 19.083 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50



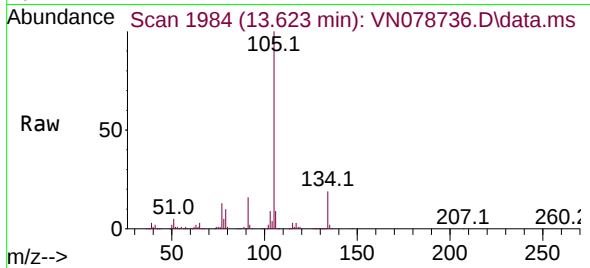
Tgt Ion:105 Resp: 561274
Ion Ratio Lower Upper
105 100
120 44.3 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 18.017 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078736.D
 Acq: 02 Aug 2023 18:50

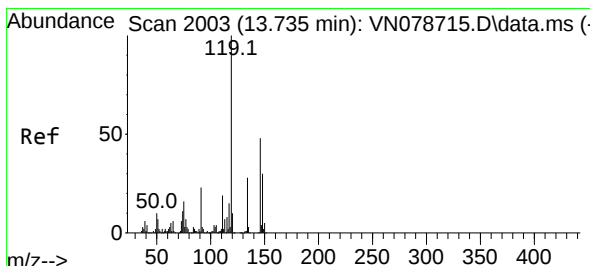
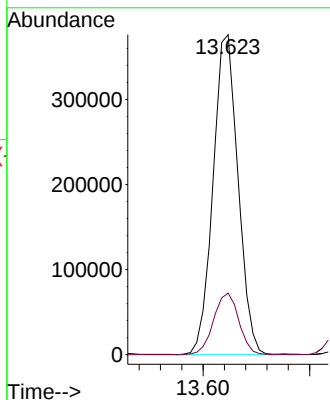
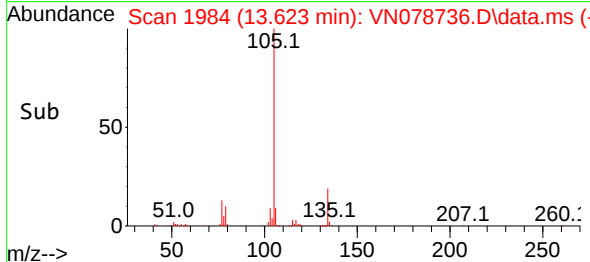
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBSD01



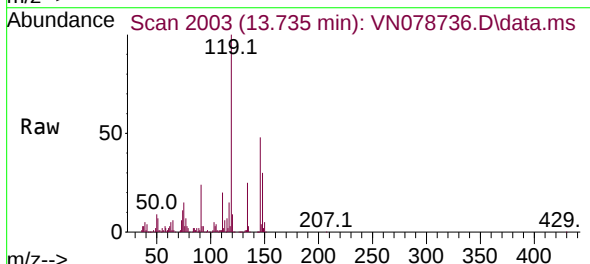
Tgt Ion:105 Resp: 612114
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.6

Manual Integrations
 APPROVED

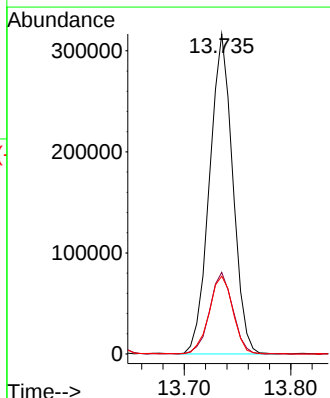
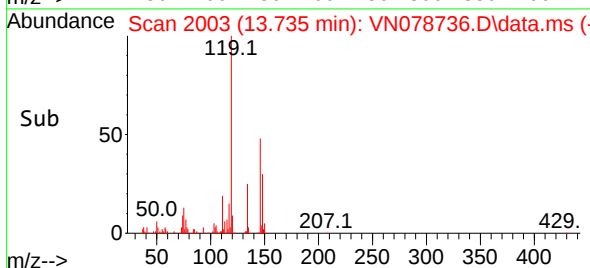
Reviewed By :John Carlone 08/03/2023
 Supervised By :Semsettin Yesilyurt 08/03/2023

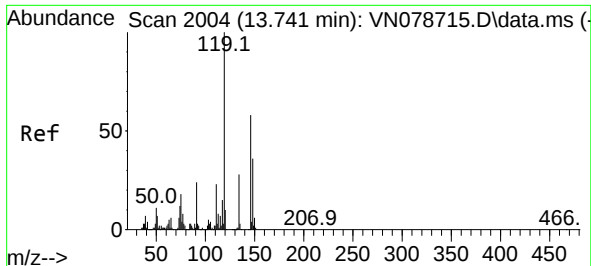


#82
 p-Isopropyltoluene
 Concen: 17.201 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078736.D
 Acq: 02 Aug 2023 18:50



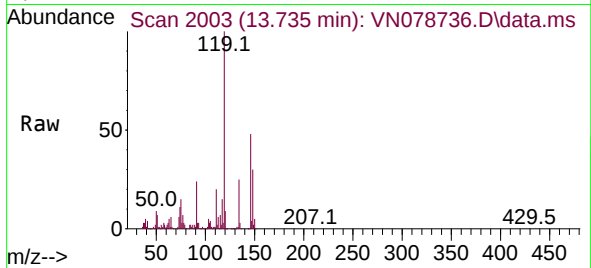
Tgt Ion:119 Resp: 479783
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 52.4
 91 24.9 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 17.163 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

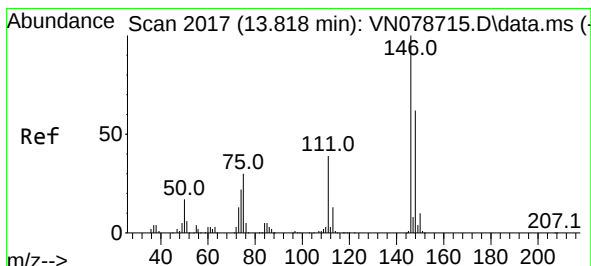
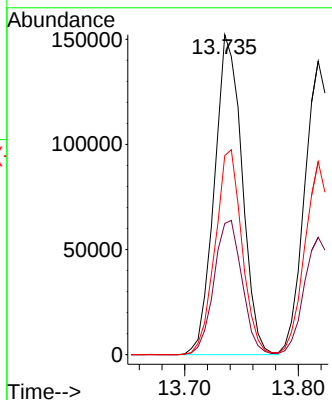
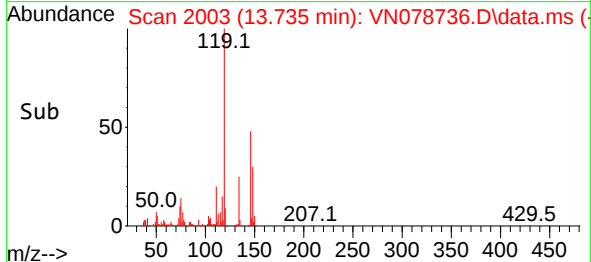
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



Tgt Ion:146 Resp: 257298
Ion Ratio Lower Upper
146 100
111 42.7 21.6 64.6
148 62.4 31.9 95.5

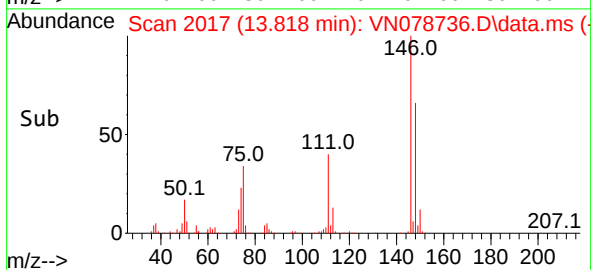
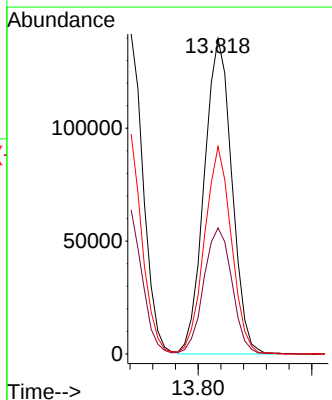
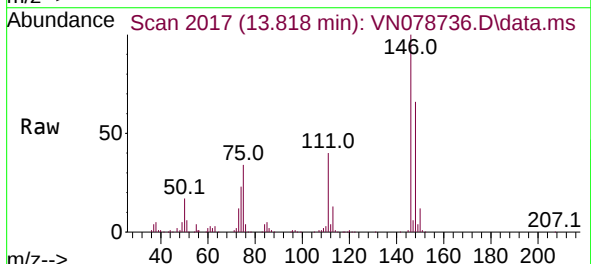
Manual Integrations
APPROVED

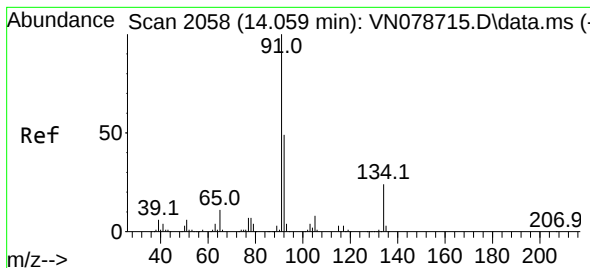
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#84
1,4-Dichlorobenzene
Concen: 16.839 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

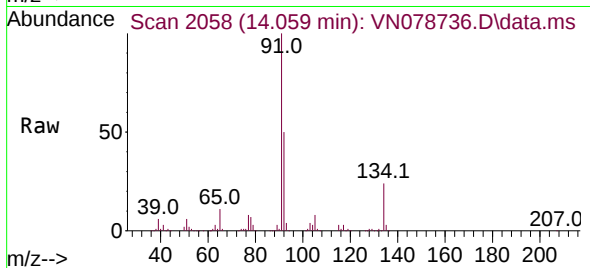
Tgt Ion:146 Resp: 236348
Ion Ratio Lower Upper
146 100
111 40.9 19.4 58.2
148 64.0 31.4 94.3





#85
n-Butylbenzene
Concen: 16.783 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

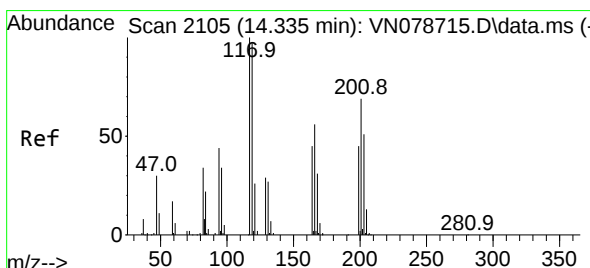
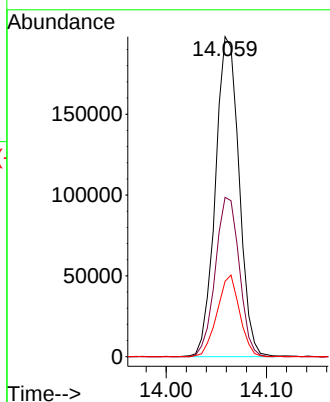
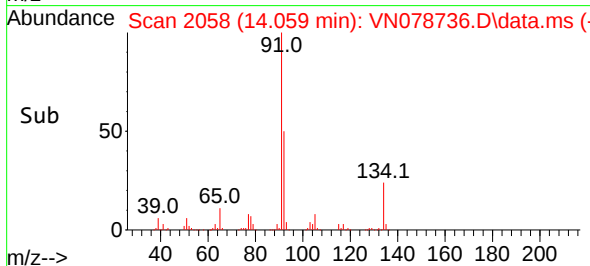
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



Tgt Ion: 91 Resp: 324609
Ion Ratio Lower Upper
91 100
92 50.4 0.0 99.6
134 24.2 0.0 50.0

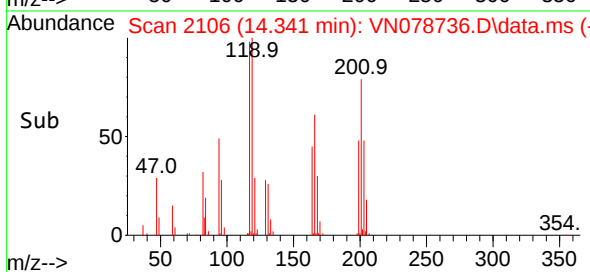
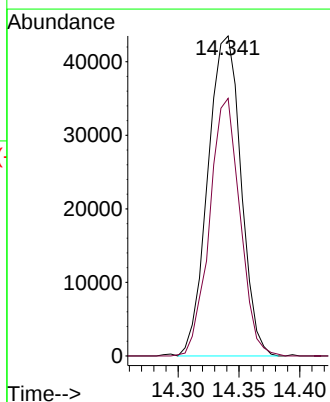
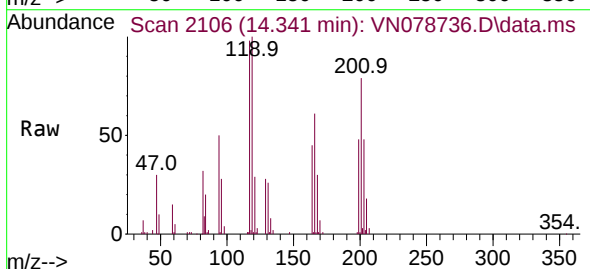
Manual Integrations
APPROVED

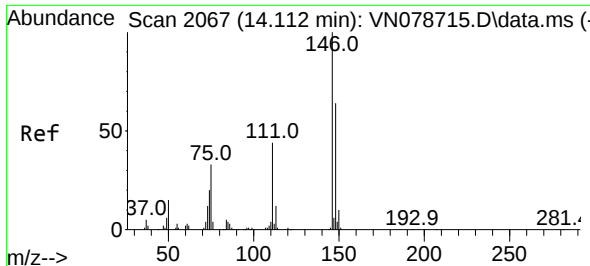
Reviewed By :John Carbone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#86
Hexachloroethane
Concen: 16.187 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

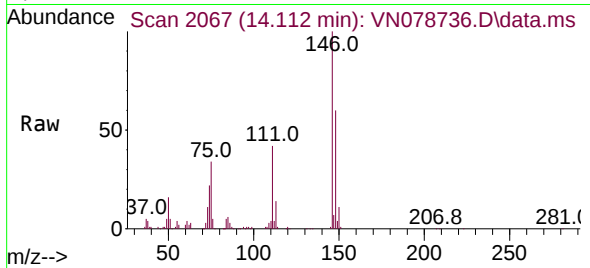
Tgt Ion:117 Resp: 82260
Ion Ratio Lower Upper
117 100
201 74.0 34.2 102.6





#87
1,2-Dichlorobenzene
Concen: 17.065 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

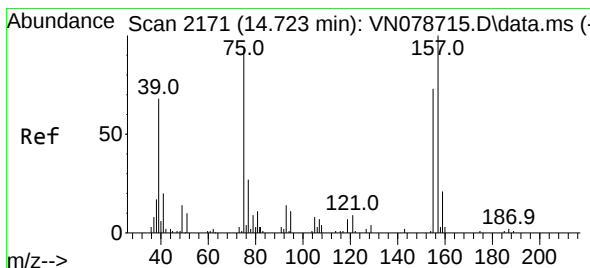
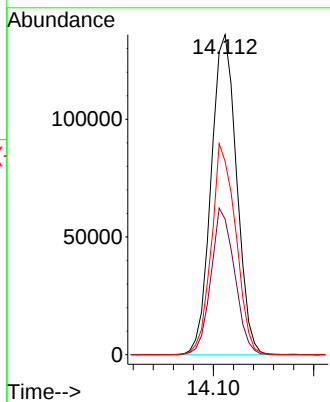
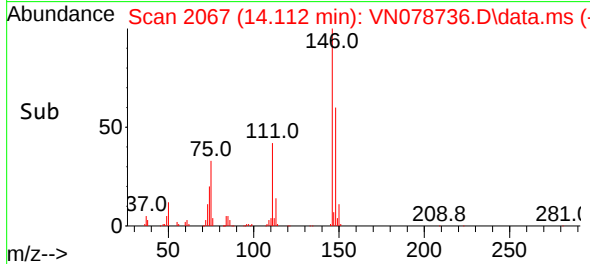
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



Tgt Ion:146 Resp: 239439
Ion Ratio Lower Upper
146 100
111 42.6 22.4 67.3
148 63.1 33.4 100.1

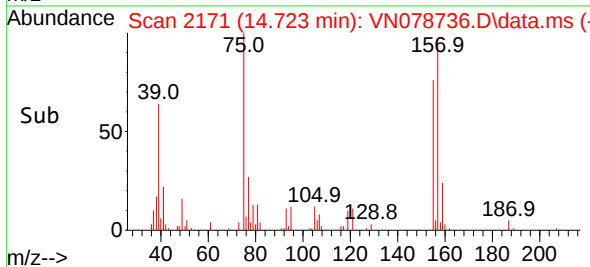
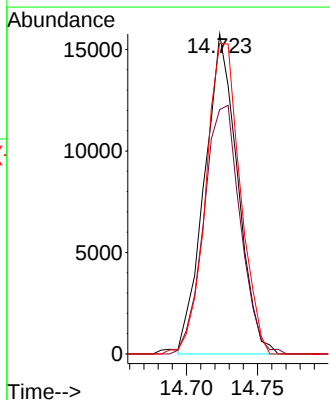
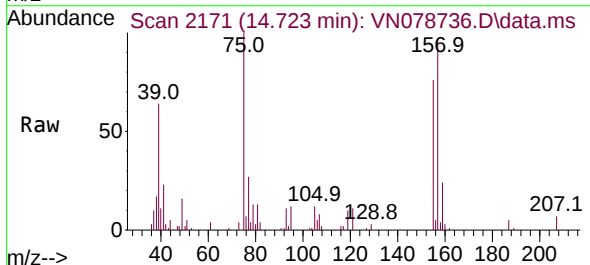
Manual Integrations
APPROVED

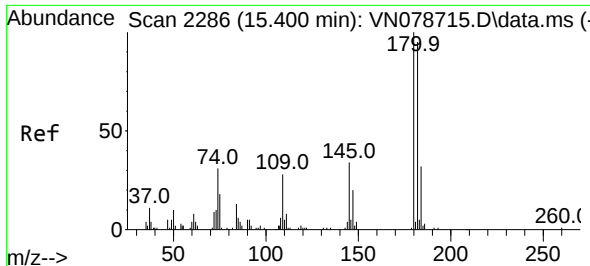
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 13.427 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

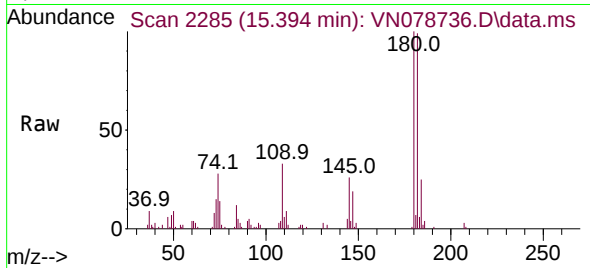
Tgt Ion: 75 Resp: 25548
Ion Ratio Lower Upper
75 100
155 85.2 68.2 102.2
157 100.7 84.7 127.1





#89
1,2,4-Trichlorobenzene
Concen: 10.774 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

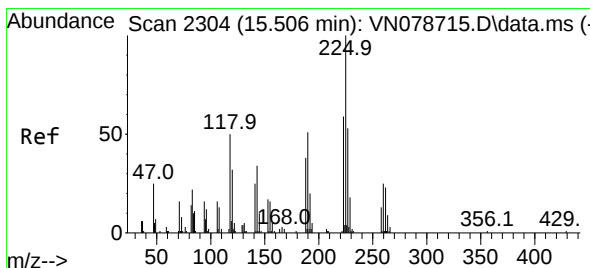
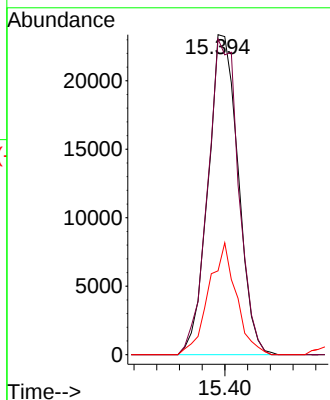
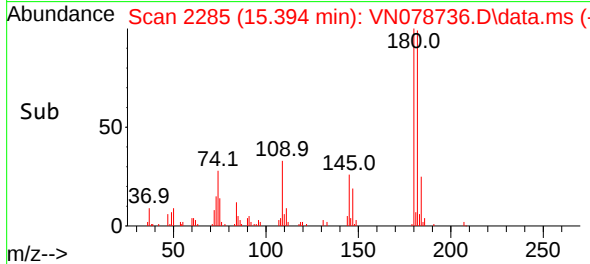
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



Tgt Ion:180 Resp: 43130
Ion Ratio Lower Upper
180 100
182 100.3 73.7 110.5
145 32.0 25.0 37.6

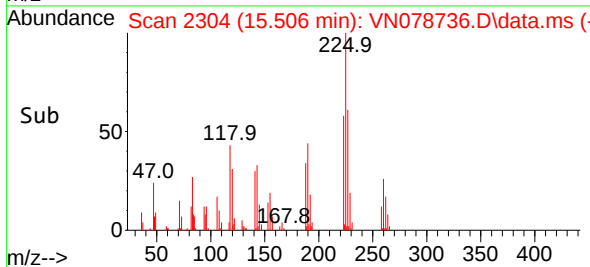
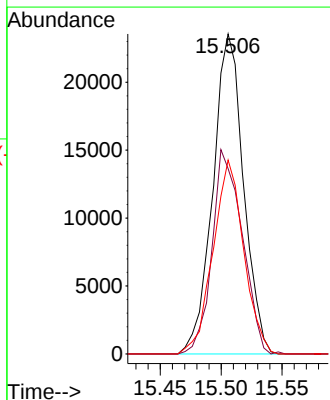
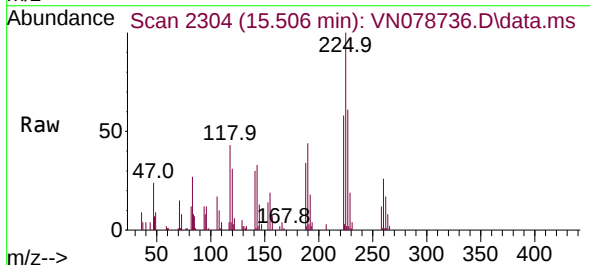
Manual Integrations
APPROVED

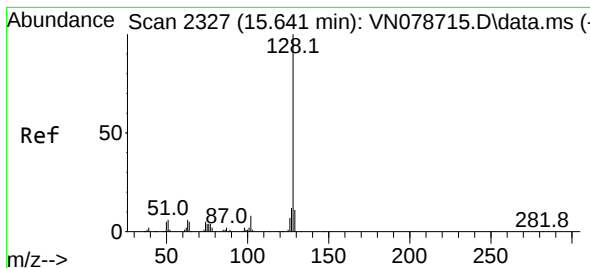
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#90
Hexachlorobutadiene
Concen: 13.526 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

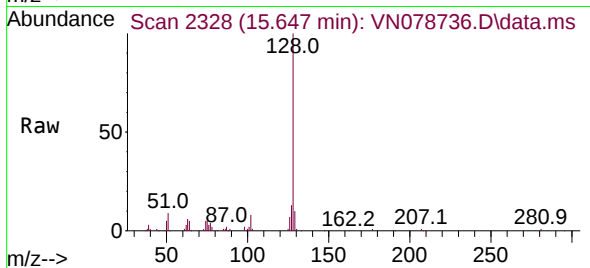
Tgt Ion:225 Resp: 41251
Ion Ratio Lower Upper
225 100
223 62.7 0.0 130.0
227 60.8 0.0 124.0





#91
Naphthalene
Concen: 10.862 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

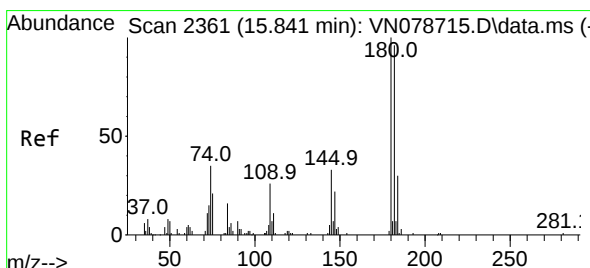
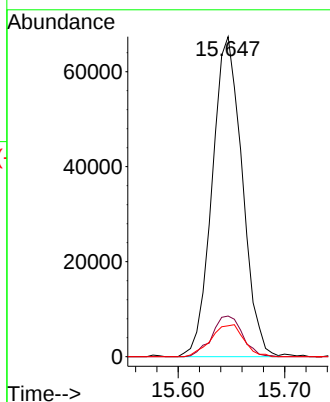
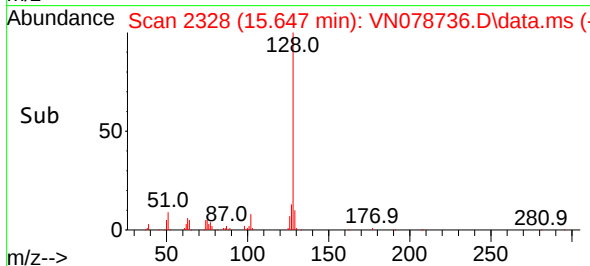
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBSD01



Tgt Ion:128 Resp: 131734
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#92
1,2,3-Trichlorobenzene
Concen: 12.747 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078736.D
Acq: 02 Aug 2023 18:50

Tgt Ion:180 Resp: 58073
Ion Ratio Lower Upper
180 100
182 96.0 0.0 196.4
145 34.6 0.0 71.0

