

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN079996.D
 Acq On : 08 Nov 2023 17:33
 Operator : JC\MD
 Sample : VN1108WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 09 04:26:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	78561	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	416496	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	390487	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	195297	29.615	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.700%		
60) 4-Bromofluorobenzene	12.853	95	187830	30.079	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.267%		
63) Toluene-d8	10.571	98	554917	29.992	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.967%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	97669	19.067	ug/l	100
3) Chloromethane	2.359	50	131938	20.446	ug/l	98
4) Vinyl Chloride	2.512	62	105799	19.620	ug/l	94
5) Bromomethane	2.959	94	51578	17.469	ug/l	86
6) Chloroethane	3.118	64	55483	17.714	ug/l	98
7) Trichlorofluoromethane	3.495	101	153437	18.960	ug/l	99
8) Diethyl Ether	3.959	74	54183	18.650	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	90415	19.775	ug/l	96
10) 1,1-Dichloroethene	4.342	96	84750	20.953	ug/l	93
11) Methyl Iodide	4.589	142	104044	19.448	ug/l	97
12) Methyl Acetate	5.024	43	203645	19.419	ug/l	99
13) Acrolein	4.183	56	77065	86.981	ug/l	99
14) Acrylonitrile	5.724	53	246327	98.897	ug/l	98
15) Acetone	4.430	58	71118	84.561	ug/l	90
16) Carbon Disulfide	4.712	76	254825	18.450	ug/l	97
17) Allyl chloride	5.024	41	133681	18.914	ug/l	99
18) Methylene Chloride	5.271	84	105702	19.487	ug/l	99
19) trans-1,2-Dichloroethene	5.789	96	97392	19.426	ug/l	96
20) Diisopropyl ether	6.671	45	314859	19.063	ug/l	96
21) 1,1-Dichloroethane	6.571	63	195400	19.820	ug/l	97
22) cis-1,2-Dichloroethene	7.488	96	112867	19.399	ug/l	97
23) tert-Butyl Alcohol	5.524	59	69179	102.899	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	287491	19.304	ug/l	99
25) Chloroform	7.965	83	197372	19.394	ug/l	96
26) Cyclohexane	8.259	56	147492	19.017	ug/l #	100
29) 1,1-Dichloropropene	8.371	75	139111	19.461	ug/l	97
30) 2-Butanone	7.488	43	332198	97.311	ug/l	99
31) 2,2-Dichloropropane	7.494	77	157190	20.346	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	169553	20.778	ug/l	99
33) Carbon Tetrachloride	8.371	117	149521	20.846	ug/l	98
34) Benzene	8.612	78	436857	20.573	ug/l	97
35) Methacrylonitrile	7.783	41	75013	20.959	ug/l	93
36) 1,2-Dichloroethane	8.677	62	155883	20.284	ug/l	100
37) Trichloroethene	9.359	130	101927	19.960	ug/l	98
38) Methylcyclohexane	9.606	83	133784	19.933	ug/l	99
39) 1,2-Dichloropropane	9.624	63	113744	20.238	ug/l	99
40) Dibromomethane	9.712	93	73972	20.362	ug/l	98
41) Bromodichloromethane	9.888	83	154134	20.485	ug/l	100
42) Vinyl Acetate	6.606	43	840573	99.131	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	138079	21.531	ug/l	96
44) Isopropyl Acetate	8.694	43	216191	20.689	ug/l	95
45) 1,4-Dioxane	9.700	88	35947	446.393	ug/l	96
46) Methyl methacrylate	9.682	41	103193	20.544	ug/l	96
47) n-amyl Acetate	12.500	43	170581	20.323	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	152642	19.864	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	171240	20.158	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	103655	20.916	ug/l	95
51) Ethyl methacrylate	10.876	69	143441	20.138	ug/l	96
52) 1,3-Dichloropropane	11.165	76	180998	20.429	ug/l	99
53) Dibromochloromethane	11.365	129	106372	20.064	ug/l	100
54) 1,2-Dibromoethane	11.471	107	100475	20.191	ug/l	95
55) 2-Chloroethyl vinyl ether	10.165	63	339499	103.629	ug/l	99
56) Bromoform	12.582	173	70310	20.238	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	676706	103.730	ug/l	99
59) 2-Hexanone	11.200	43	495642	99.735	ug/l	98
61) Tetrachloroethene	11.106	164	94282	20.594	ug/l	94
62) Toluene	10.635	91	454718	20.134	ug/l	97
64) Chlorobenzene	11.894	112	271838	20.169	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	101152	20.460	ug/l	96
66) Ethyl Benzene	11.965	91	471653	19.874	ug/l	98
67) m/p-Xylenes	12.076	106	368739	41.733	ug/l	97
68) o-Xylene	12.400	106	171251	20.221	ug/l	98
69) Styrene	12.418	104	285905	20.393	ug/l	98
70) Isopropylbenzene	12.700	105	428569	20.287	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	148090	20.582	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	137724m	20.601	ug/l	
73) Bromobenzene	12.982	156	103761	19.979	ug/l	95
74) n-propylbenzene	13.041	91	511055	20.223	ug/l	98
75) 2-Chlorotoluene	13.129	91	323717	20.153	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	359299	20.564	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	42081	19.223	ug/l	96
78) 4-Chlorotoluene	13.223	91	325808	20.422	ug/l	98
79) tert-butylbenzene	13.441	119	277107	20.251	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	354133	20.670	ug/l	98
81) sec-Butylbenzene	13.617	105	388341	20.105	ug/l	99
82) p-Isopropyltoluene	13.735	119	317621	20.248	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	191372	20.222	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	184343	19.846	ug/l	99
85) n-Butylbenzene	14.059	91	253383	19.313	ug/l	97
86) Hexachloroethane	14.335	117	60731	19.909	ug/l	98
87) 1,2-Dichlorobenzene	14.112	146	186203	20.596	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	26124	19.854	ug/l	99
89) 1,2,4-Trichlorobenzene	15.847	180	79827	19.059	ug/l	96
90) Hexachlorobutadiene	15.506	225	41063	19.893	ug/l	98
91) Naphthalene	15.647	128	243206	18.094	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	79827	19.059	ug/l	96

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

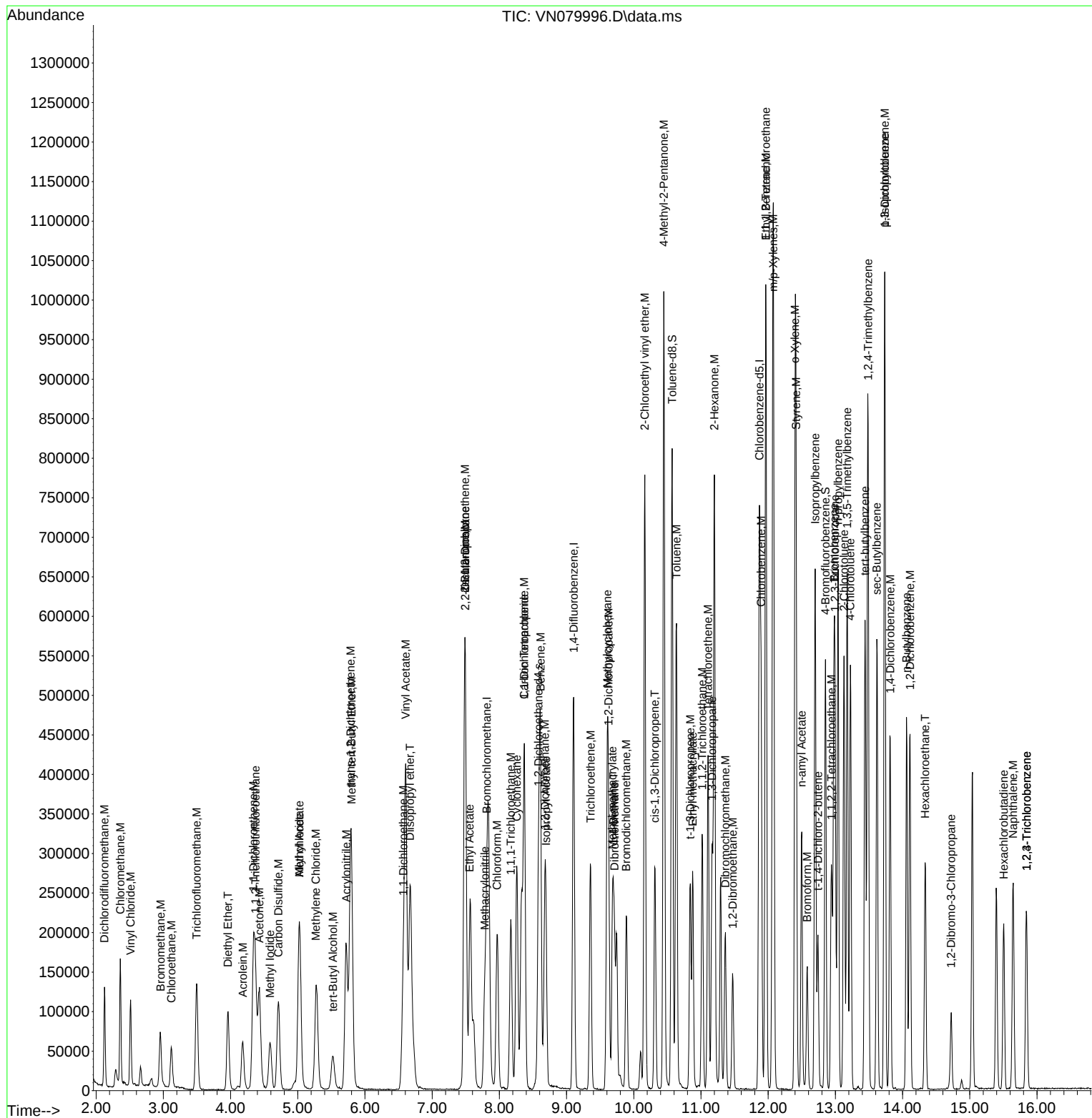
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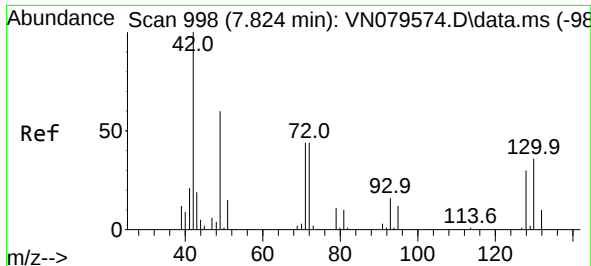
Instrument :
MSVOA_N
ClientSampleId :
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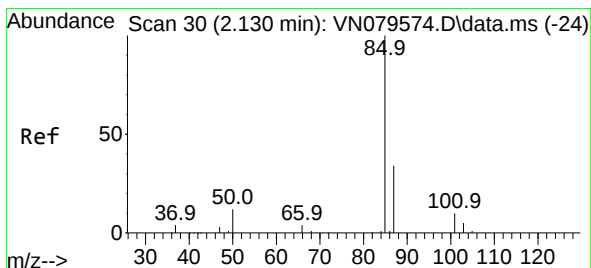
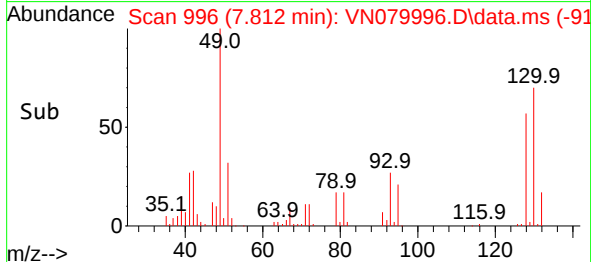
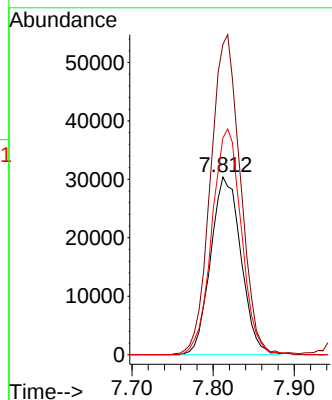
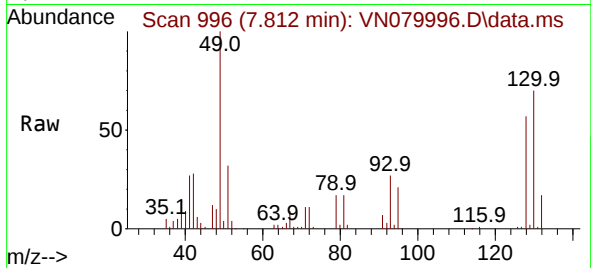
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

Tgt Ion:128 Resp: 7856
Ion Ratio Lower Upper
128 100
49 177.5 0.0 468.5
130 123.7 0.0 320.7

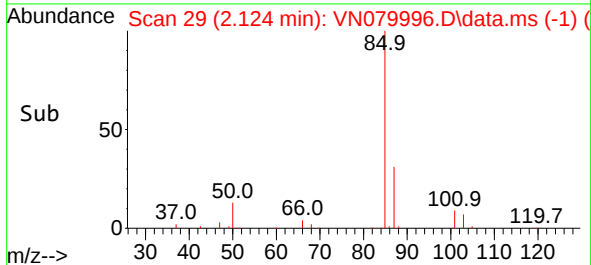
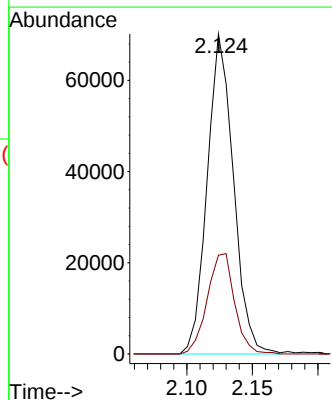
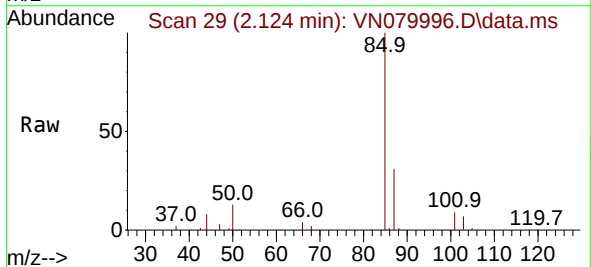
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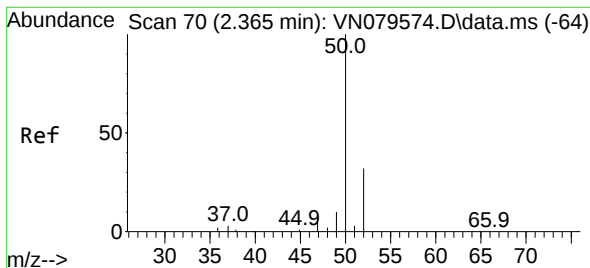
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#2
Dichlorodifluoromethane
Concen: 19.067 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Tgt Ion: 85 Resp: 97669
Ion Ratio Lower Upper
85 100
87 30.9 15.6 46.7





#3

Chloromethane

Concen: 20.446 ug/l

RT: 2.359 min Scan# 64

Delta R.T. -0.006 min

Lab File: VN079996.D

Acq: 08 Nov 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

Tgt Ion: 50 Resp: 131938

Ion Ratio Lower Upper

50 100

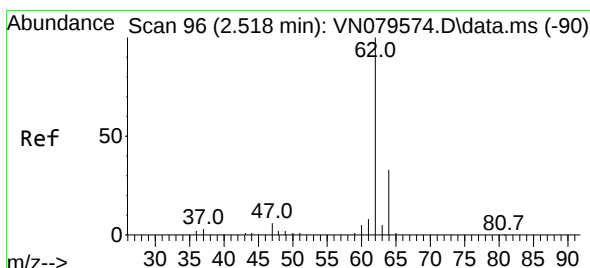
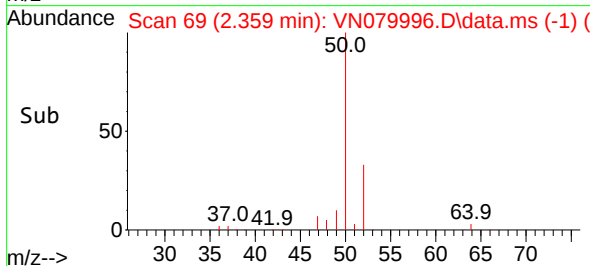
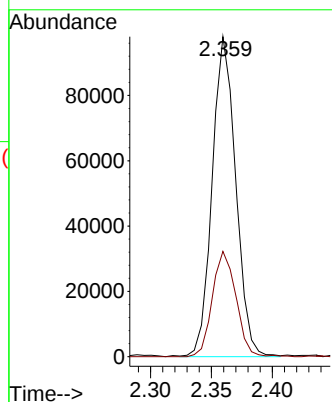
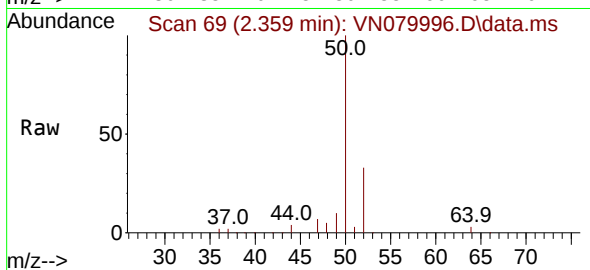
52 33.0 25.6 38.4

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#4

Vinyl Chloride

Concen: 19.620 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN079996.D

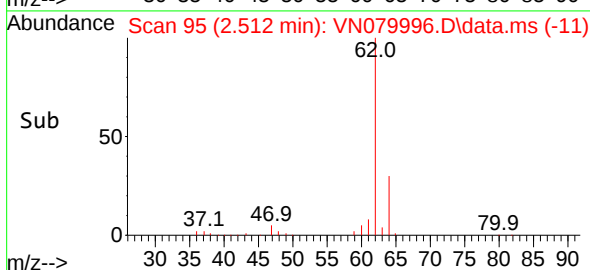
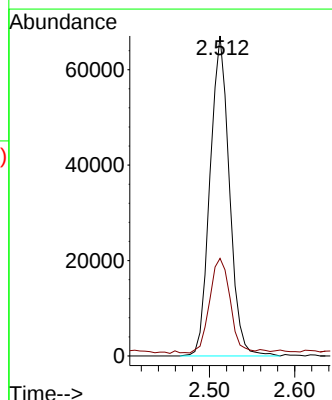
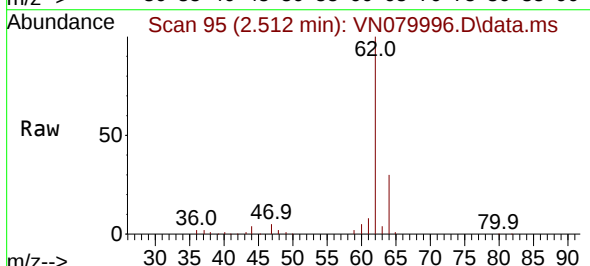
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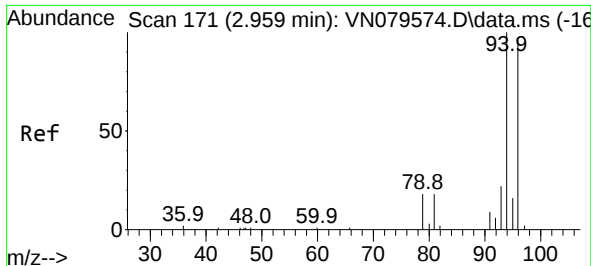
Tgt Ion: 62 Resp: 105799

Ion Ratio Lower Upper

62 100

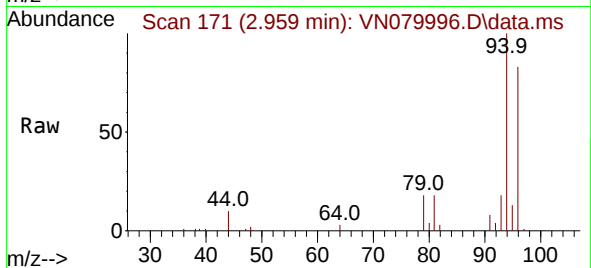
64 29.5 26.4 39.6





#5
Bromomethane
Concen: 17.469 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

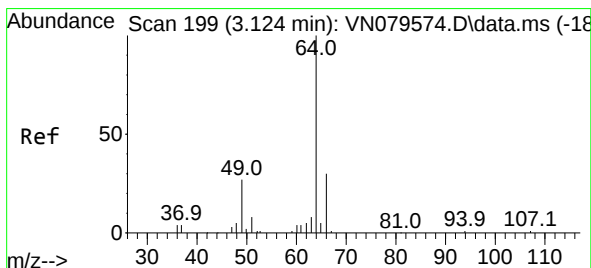
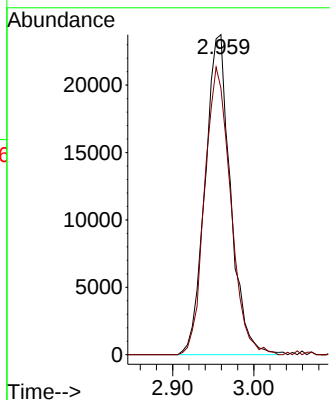
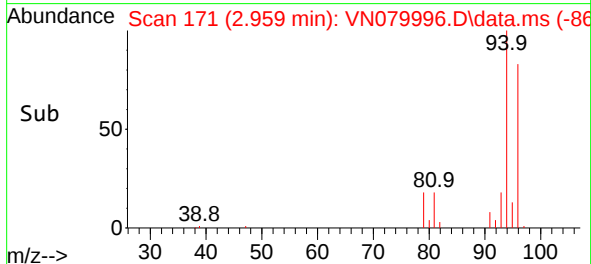
Instrument :
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Tgt Ion: 94 Resp: 51578
Ion Ratio Lower Upper
94 100
96 83.3 77.8 116.6

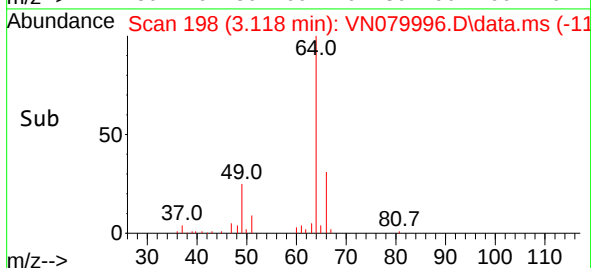
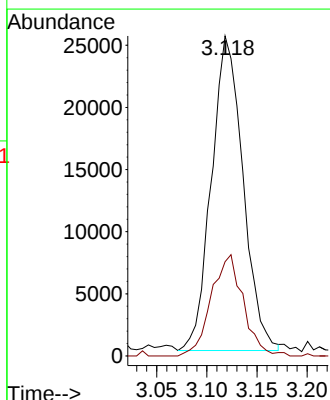
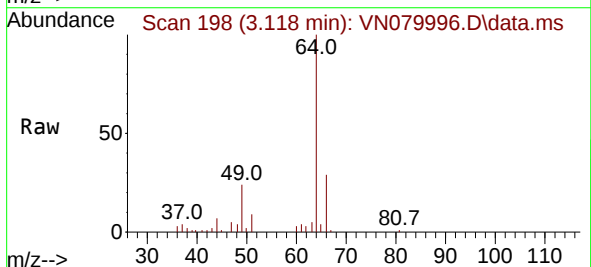
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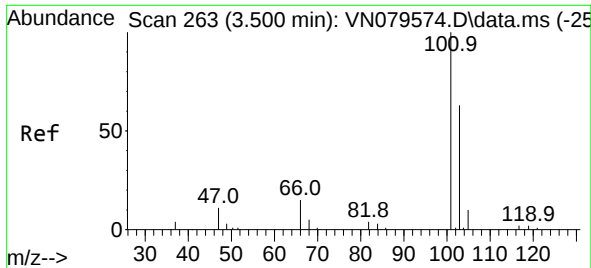
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#6
Chloroethane
Concen: 17.714 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Tgt Ion: 64 Resp: 55483
Ion Ratio Lower Upper
64 100
66 30.0 23.3 34.9





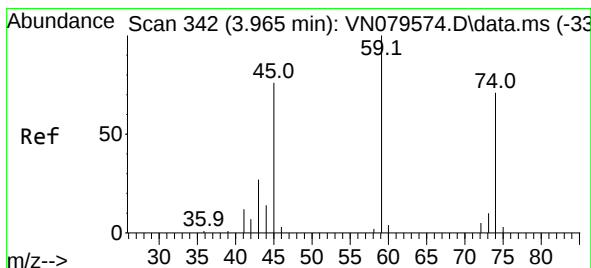
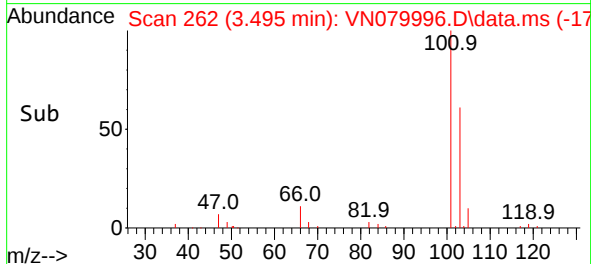
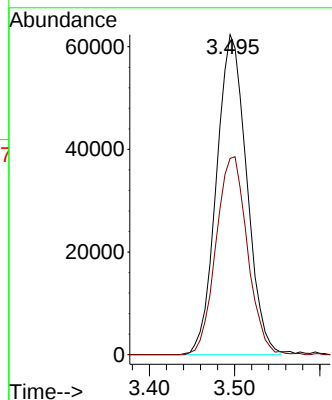
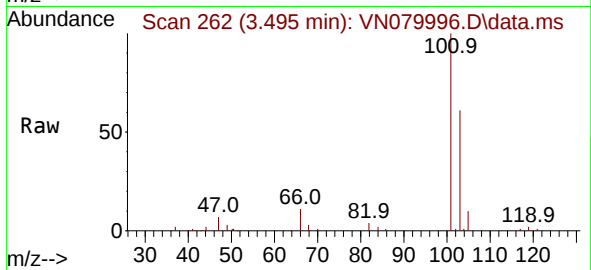
#7
Trichlorofluoromethane
Concen: 18.960 ug/l
RT: 3.495 min Scan# 201
Delta R.T. -0.005 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Instrument :
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ClientSampleId :
VN1108WBS01

Tgt Ion:101 Resp: 15343
Ion Ratio Lower Upper
101 100
103 61.4 49.9 74.9

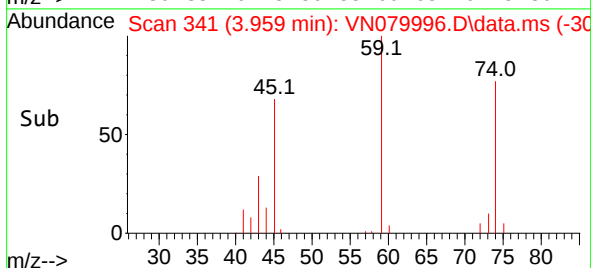
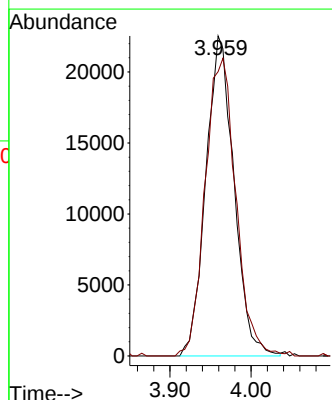
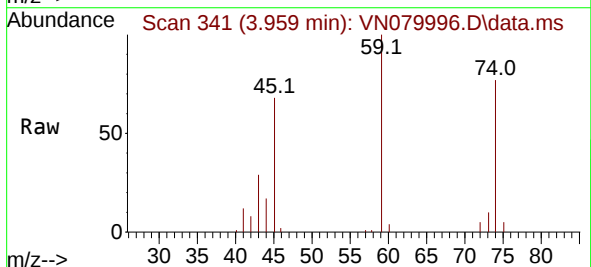
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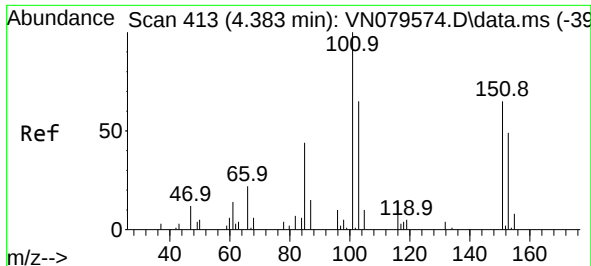
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#8
Diethyl Ether
Concen: 18.650 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Tgt Ion: 74 Resp: 54183
Ion Ratio Lower Upper
74 100
45 101.5 19.0 171.0





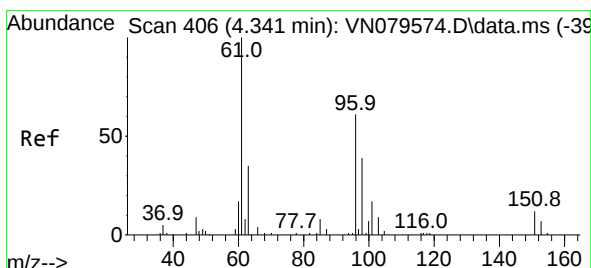
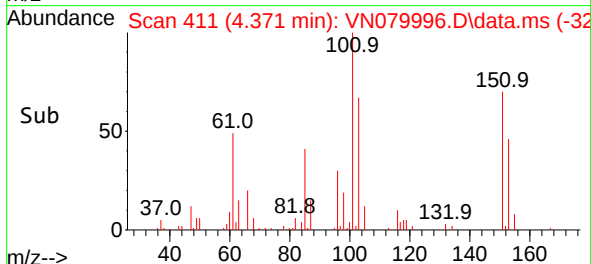
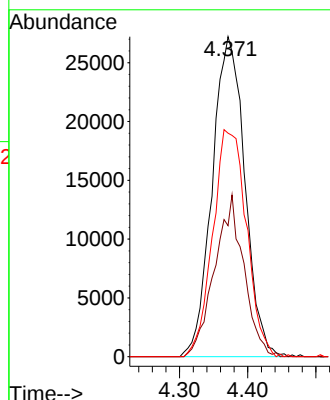
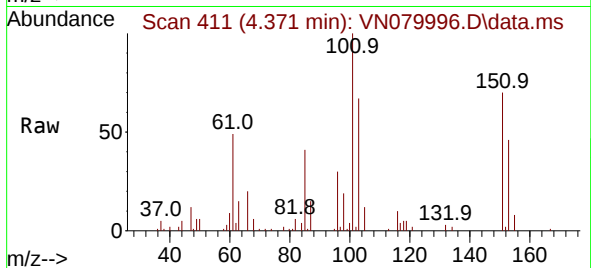
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.775 ug/l
RT: 4.371 min Scan# 413
Delta R.T. -0.012 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

Tgt Ion:101 Resp: 9041
Ion Ratio Lower Upper
101 100
85 45.1 0.0 92.0
151 73.3 0.0 138.4

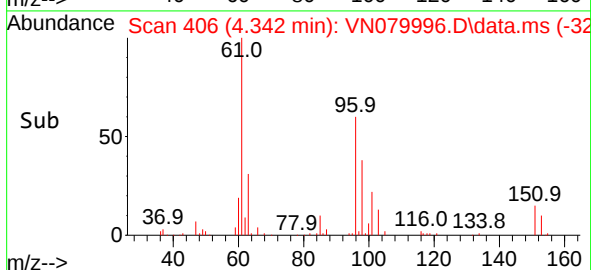
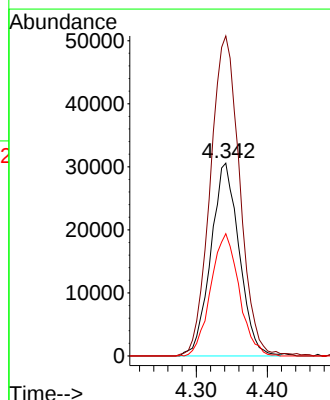
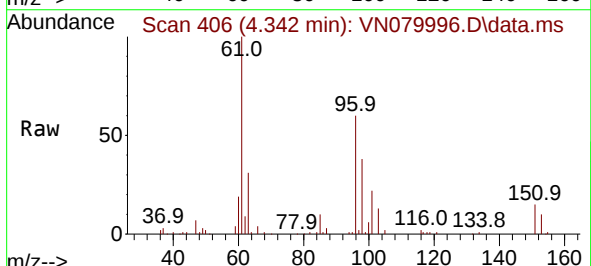
Manual Integrations
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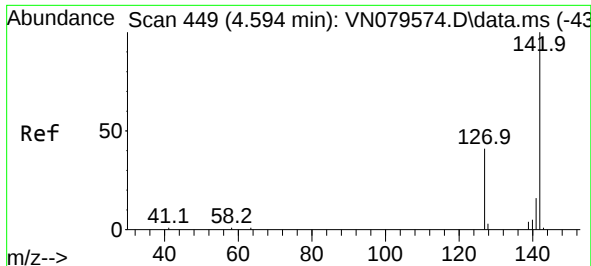
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#10
1,1-Dichloroethene
Concen: 20.953 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

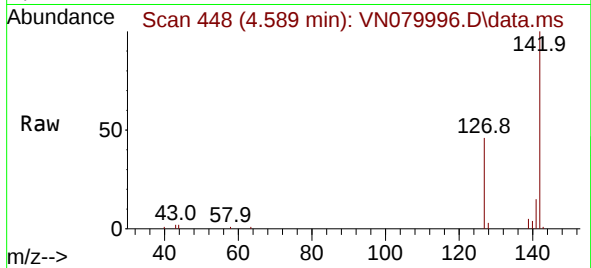
Tgt Ion: 96 Resp: 84750
Ion Ratio Lower Upper
96 100
61 165.1 141.3 211.9
98 63.4 53.2 79.8





#11
Methyl Iodide
Concen: 19.448 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

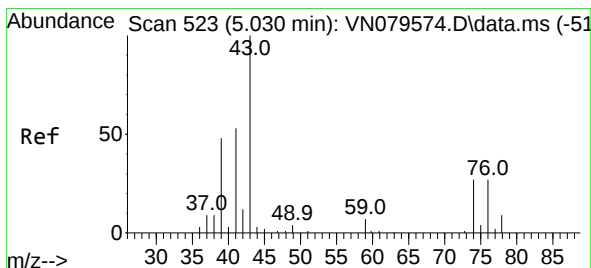
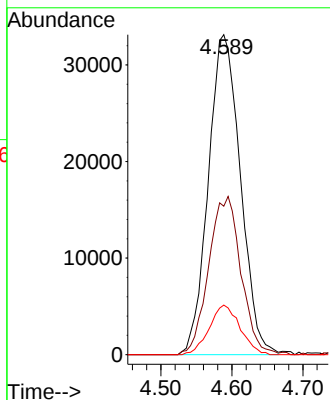
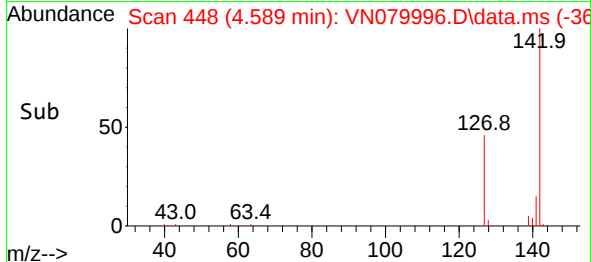
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion:142 Resp: 10404
Ion Ratio Lower Upper
142 100
127 46.3 24.6 73.8
141 15.6 7.7 23.1

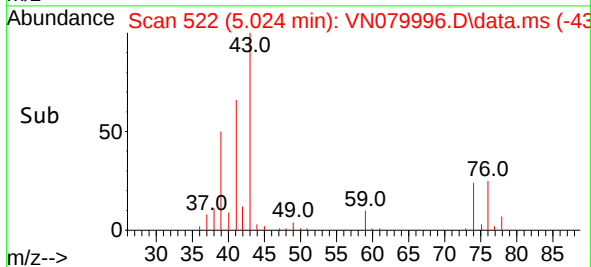
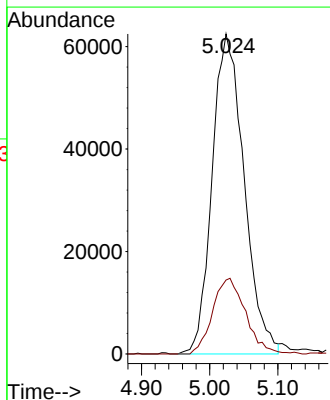
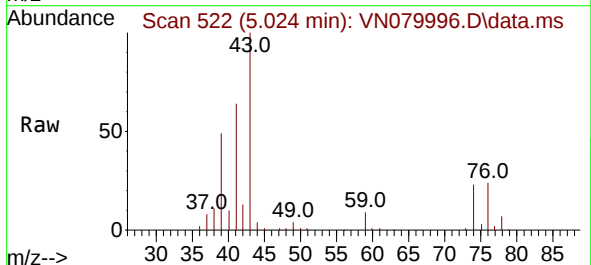
Manual Integrations
APPROVED

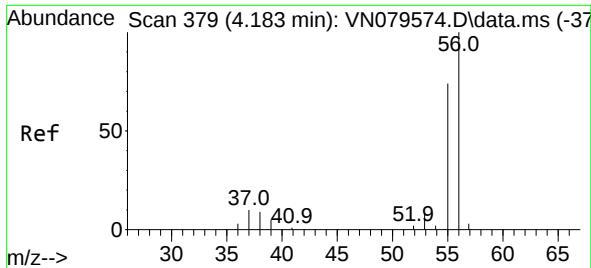
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#12
Methyl Acetate
Concen: 19.419 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

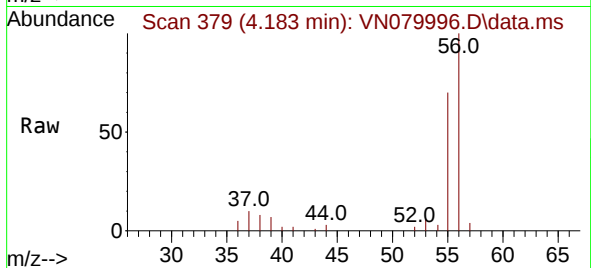
Tgt Ion: 43 Resp: 203645
Ion Ratio Lower Upper
43 100
74 23.1 18.1 27.1





#13
Acrolein
Concen: 86.981 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

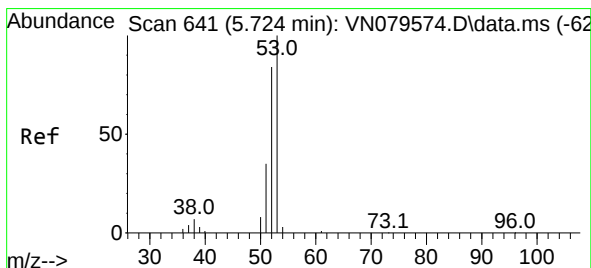
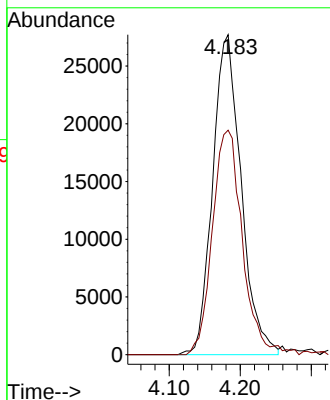
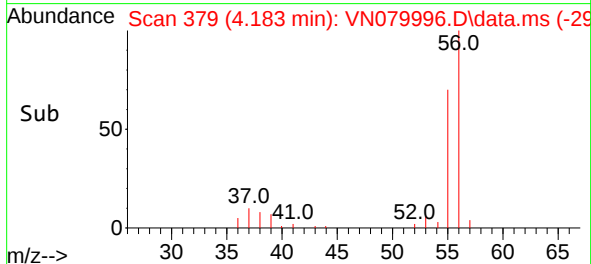
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion: 56 Resp: 7706
Ion Ratio Lower Upper
56 100
55 72.5 57.1 85.7

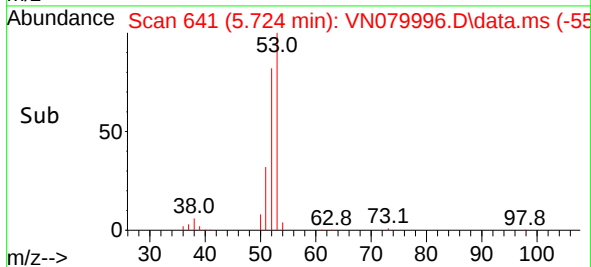
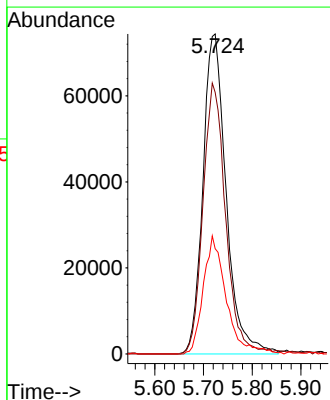
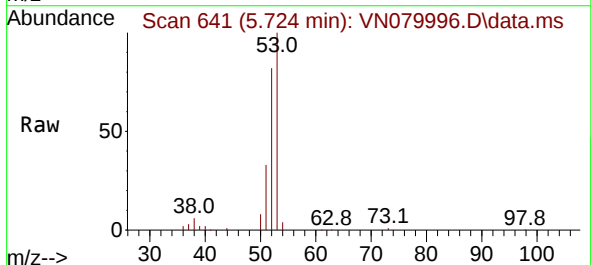
Manual Integrations
APPROVED

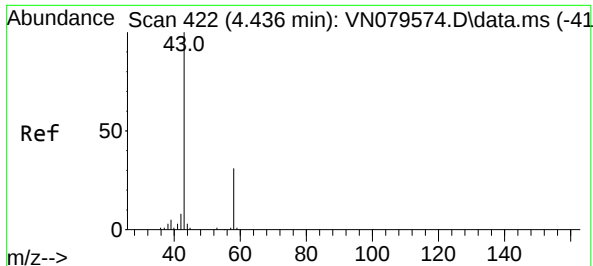
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#14
Acrylonitrile
Concen: 98.897 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Tgt Ion: 53 Resp: 246327
Ion Ratio Lower Upper
53 100
52 81.6 41.6 124.9
51 34.6 17.8 53.3





#15

Acetone

Concen: 84.561 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN079996.D

Acq: 08 Nov 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

Tgt Ion: 58 Resp: 71118

Ion Ratio Lower Upper

58 100

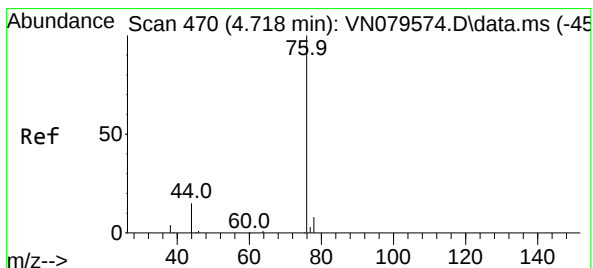
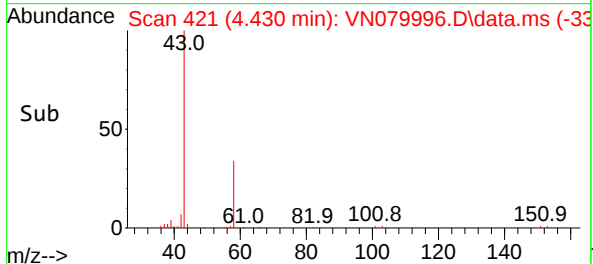
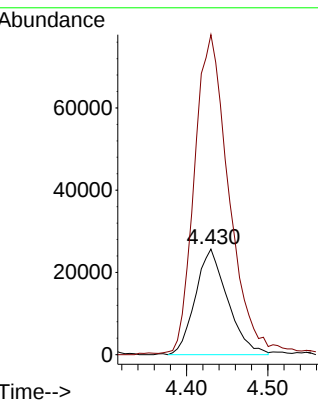
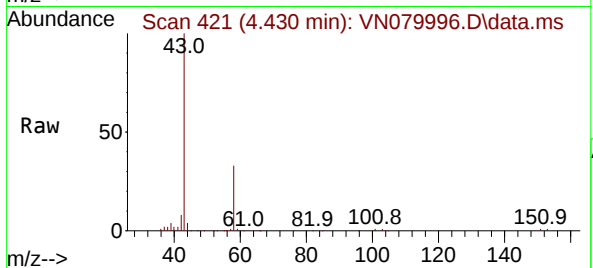
43 300.1 225.2 337.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#16

Carbon Disulfide

Concen: 18.450 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN079996.D

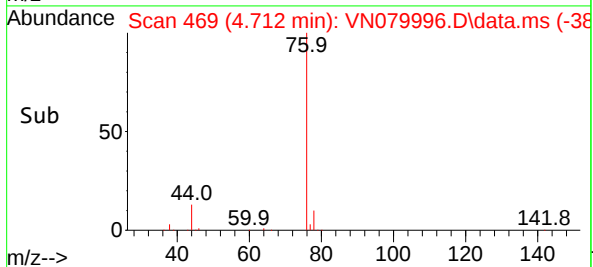
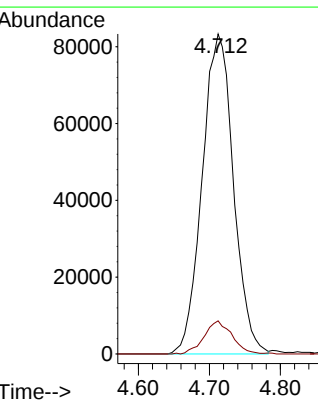
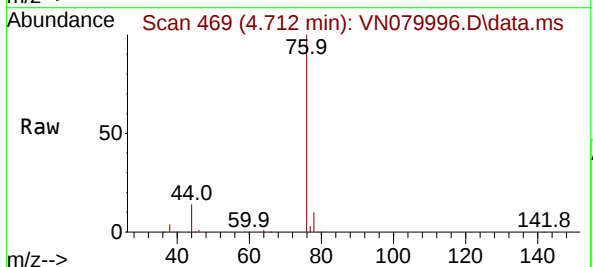
Acq: 08 Nov 2023 17:33

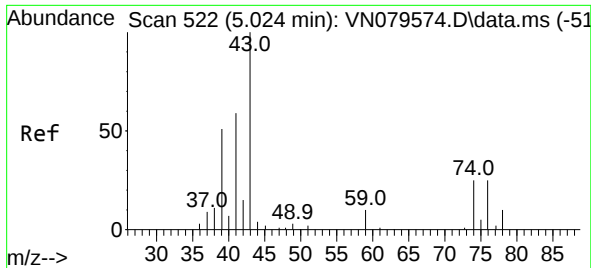
Tgt Ion: 76 Resp: 254825

Ion Ratio Lower Upper

76 100

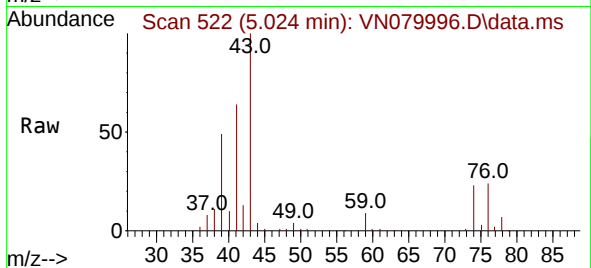
78 10.4 7.5 11.3





#17
 Allyl chloride
 Concen: 18.914 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN079996.D
 Acq: 08 Nov 2023 17:33

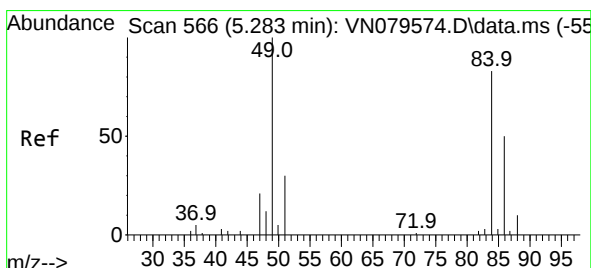
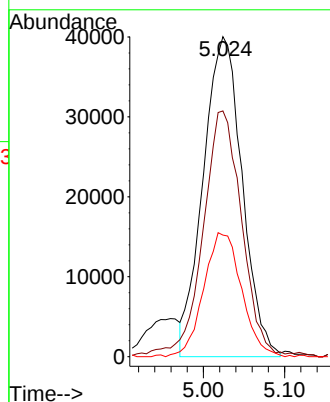
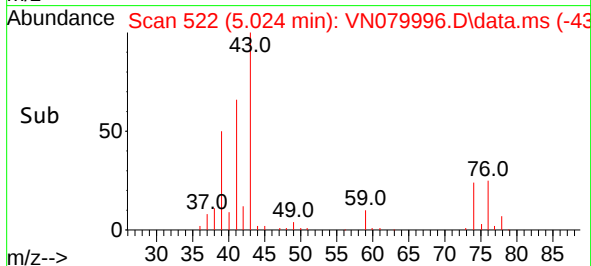
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBS01



Tgt Ion: 41 Resp: 13368
 Ion Ratio Lower Upper
 41 100
 39 76.2 38.4 115.2
 76 37.9 19.5 58.5

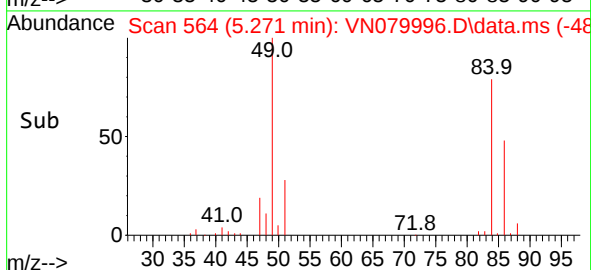
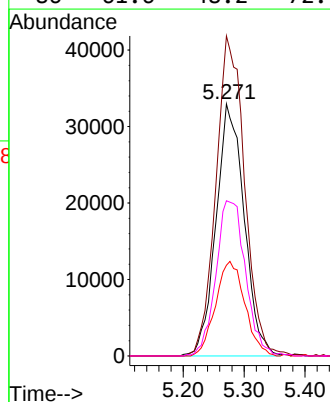
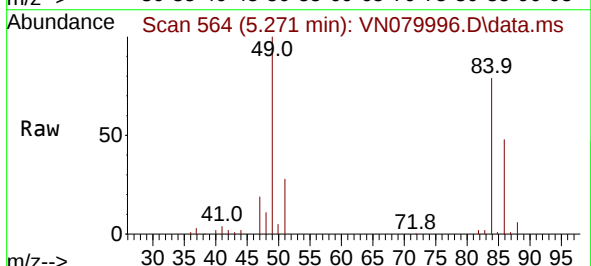
Manual Integrations
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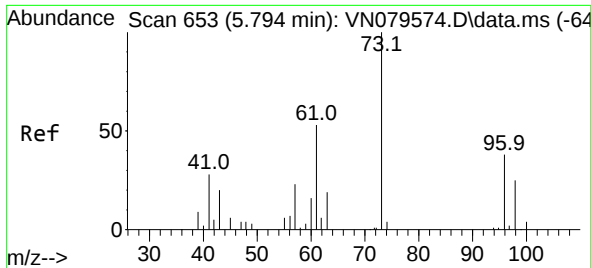
Reviewed By :John Carlone 11/09/2023
 Supervised By :Semsettin Yesilyurt 11/09/2023



#18
 Methylene Chloride
 Concen: 19.487 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.012 min
 Lab File: VN079996.D
 Acq: 08 Nov 2023 17:33

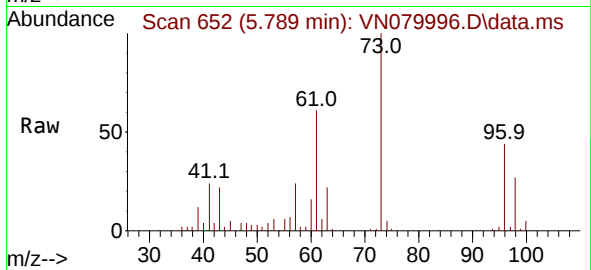
Tgt Ion: 84 Resp: 105702
 Ion Ratio Lower Upper
 84 100
 49 127.0 100.9 151.3
 51 36.0 29.4 44.2
 86 61.6 48.2 72.4





#19
trans-1,2-Dichloroethene
Concen: 19.426 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

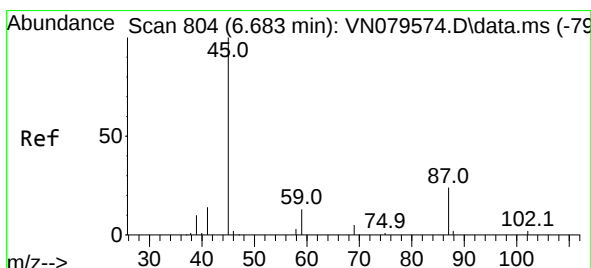
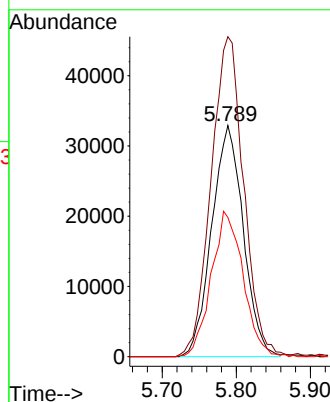
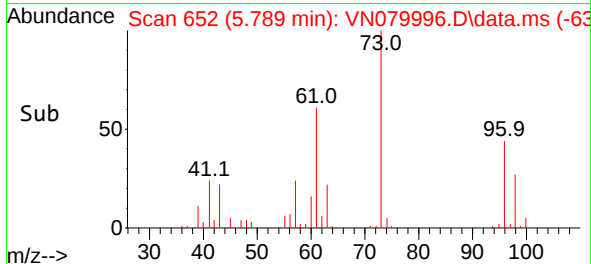
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion: 96 Resp: 97392
Ion Ratio Lower Upper
96 100
61 137.4 113.4 170.0
98 59.6 50.4 75.6

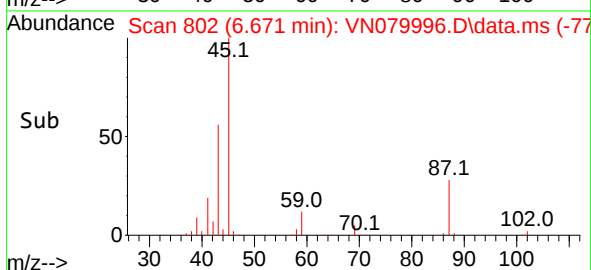
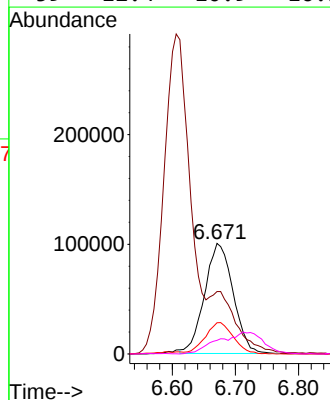
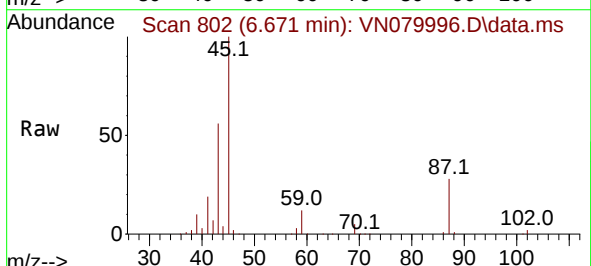
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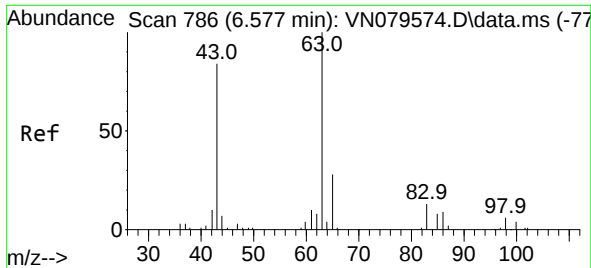
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#20
Diisopropyl ether
Concen: 19.063 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.012 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

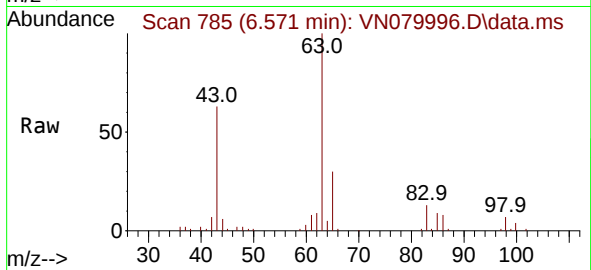
Tgt Ion: 45 Resp: 314859
Ion Ratio Lower Upper
45 100
43 54.7 42.1 63.1
87 28.2 20.5 30.7
59 12.4 10.9 16.3





#21
1,1-Dichloroethane
Concen: 19.820 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

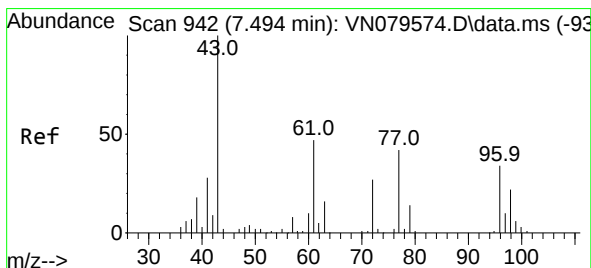
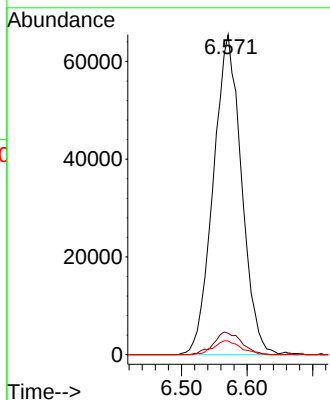
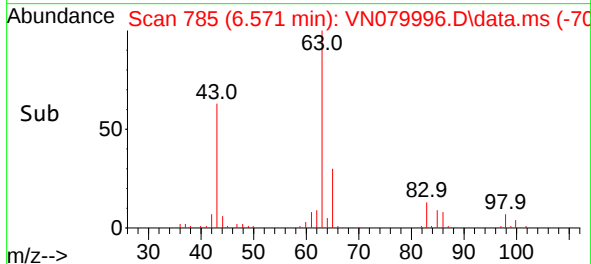
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



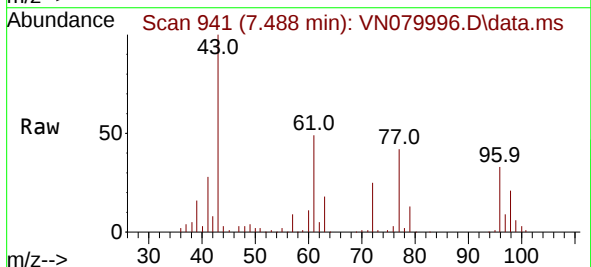
Tgt Ion: 63 Resp: 195400
Ion Ratio Lower Upper
63 100
98 6.7 2.8 8.4
100 4.3 1.9 5.7

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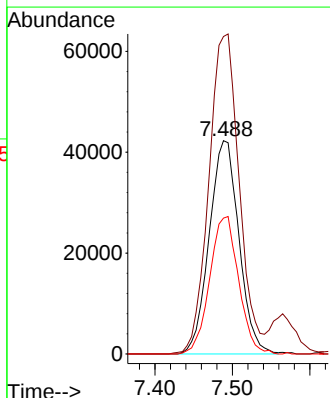
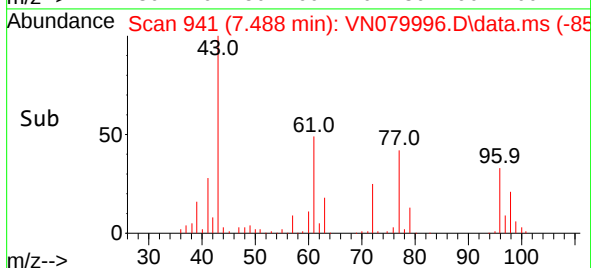
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

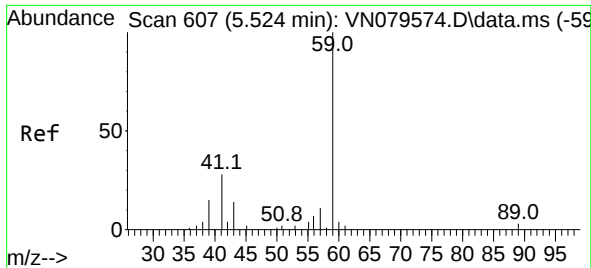


#22
cis-1,2-Dichloroethene
Concen: 19.399 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33



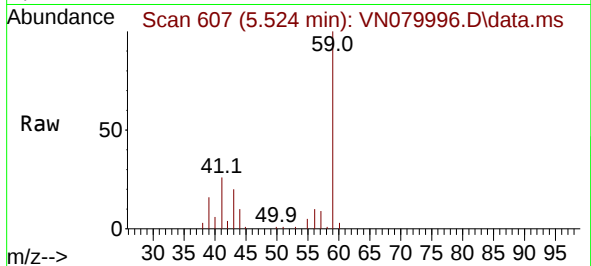
Tgt Ion: 96 Resp: 112867
Ion Ratio Lower Upper
96 100
61 153.4 124.6 186.8
98 62.6 54.2 81.4





#23
tert-Butyl Alcohol
Concen: 102.899 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

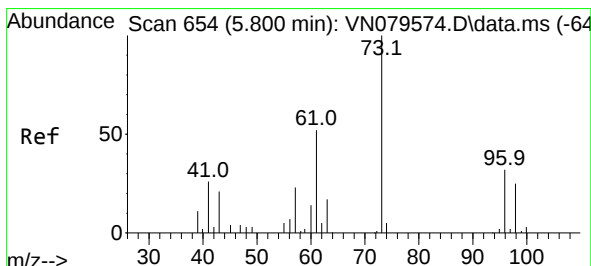
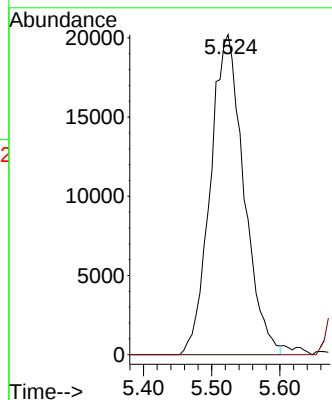
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion: 59 Resp: 69179
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

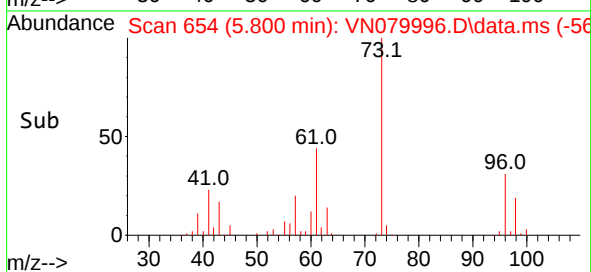
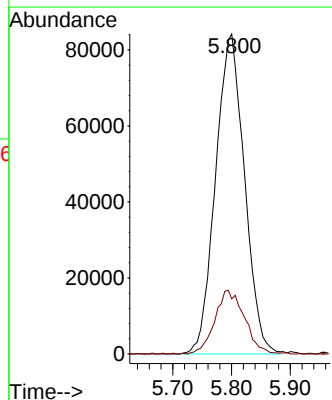
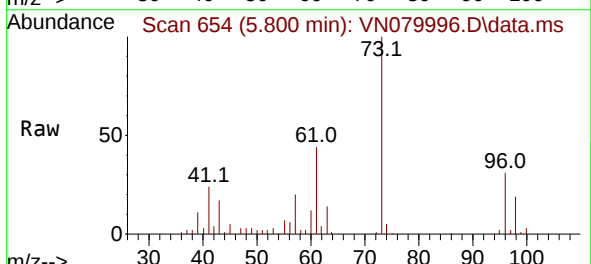
Manual Integrations
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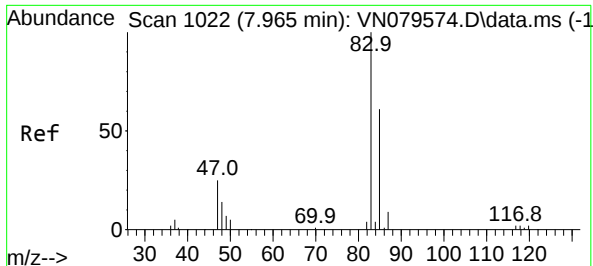
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#24
Methyl tert-Butyl Ether
Concen: 19.304 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Tgt Ion: 73 Resp: 287491
Ion Ratio Lower Upper
73 100
43 20.4 16.6 24.8





#25

Chloroform

Concen: 19.394 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN079996.D

Acq: 08 Nov 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

Tgt Ion: 83 Resp: 197372

Ion Ratio Lower Upper

83 100

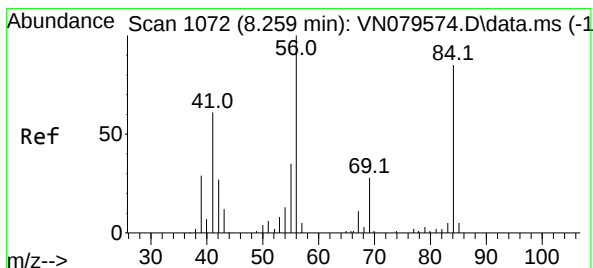
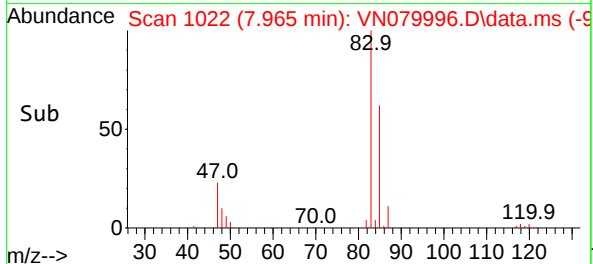
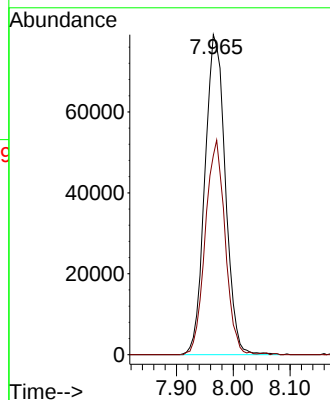
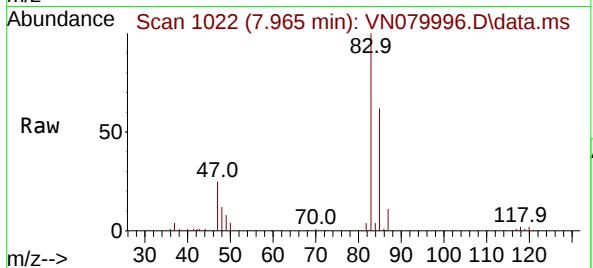
85 62.2 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#26

Cyclohexane

Concen: 19.017 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079996.D

Acq: 08 Nov 2023 17:33

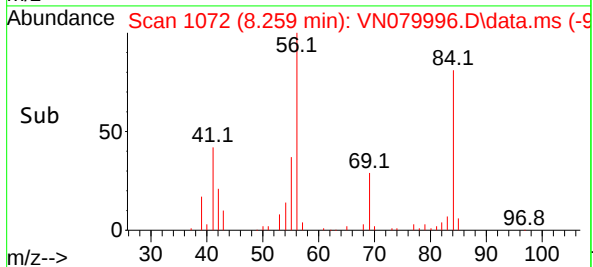
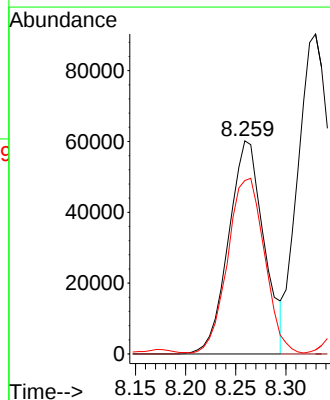
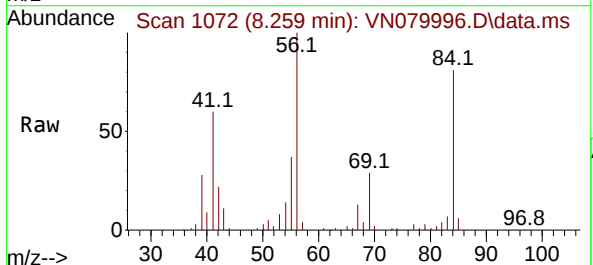
Tgt Ion: 56 Resp: 147492

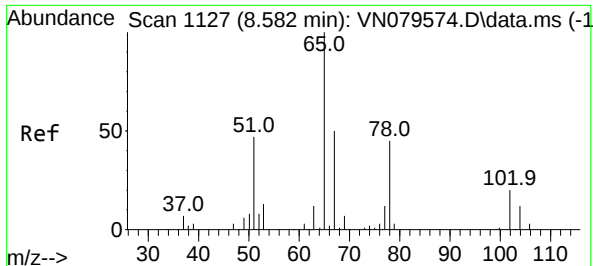
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 86.3 69.0 103.4





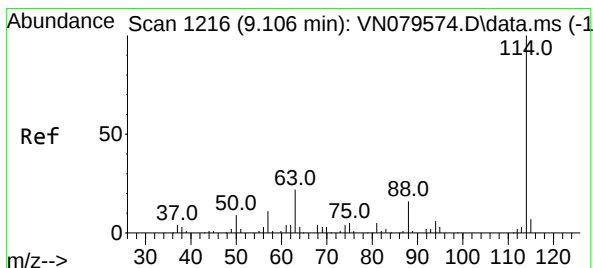
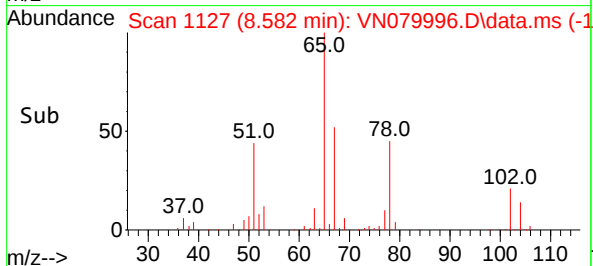
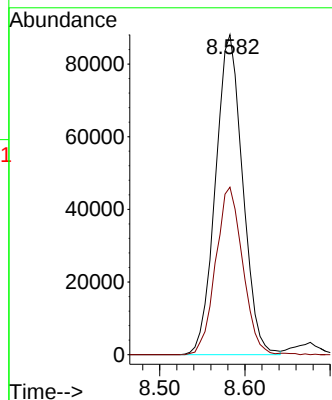
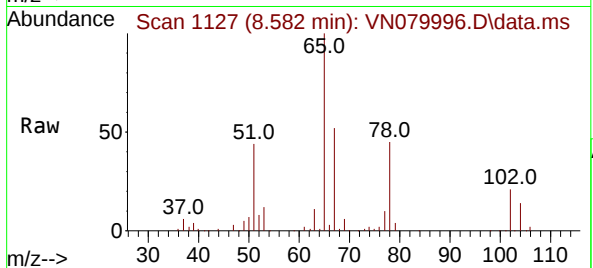
#27
1,2-Dichloroethane-d4
Concen: 29.615 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

Tgt Ion: 65 Resp: 195297
Ion Ratio Lower Upper
65 100
67 51.9 42.1 63.1

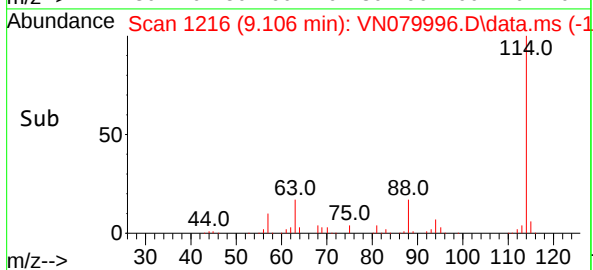
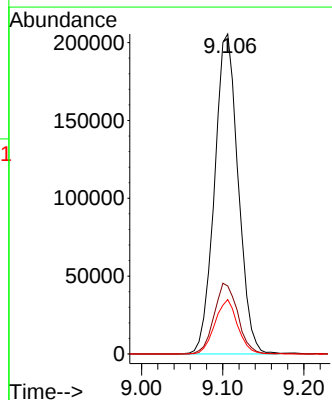
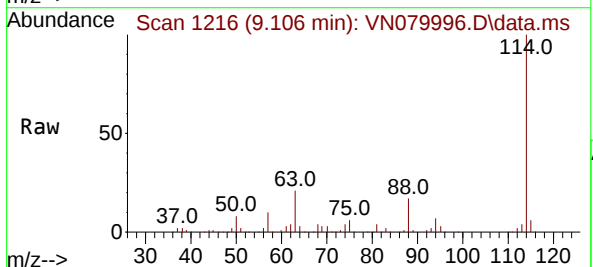
Manual Integrations
APPROVED

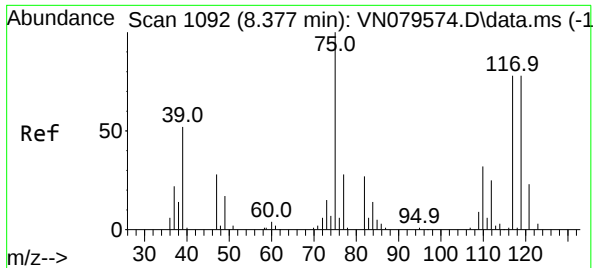
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Tgt Ion:114 Resp: 416496
Ion Ratio Lower Upper
114 100
63 22.1 18.1 27.1
88 16.3 12.2 18.2





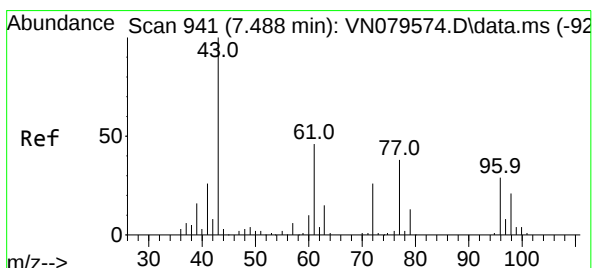
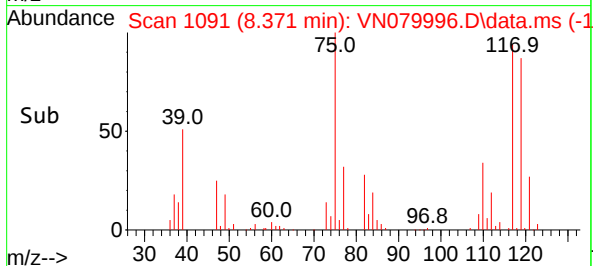
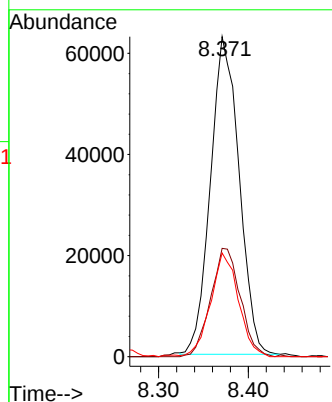
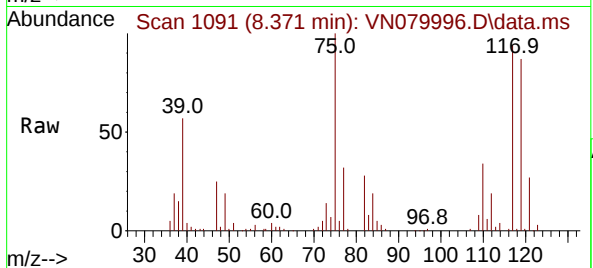
#29
1,1-Dichloropropene
Concen: 19.461 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

Tgt Ion: 75 Resp: 13911
Ion Ratio Lower Upper
75 100
110 35.1 0.0 66.8
77 31.8 0.0 61.2

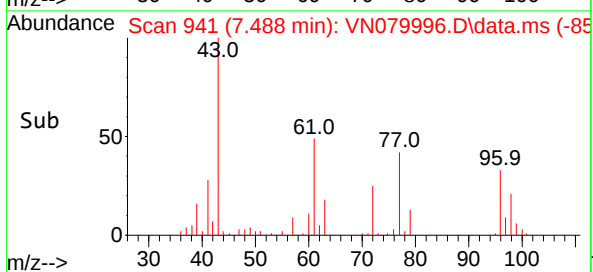
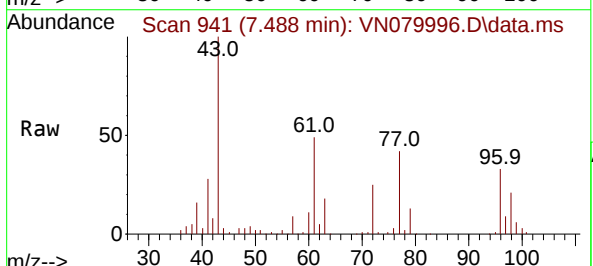
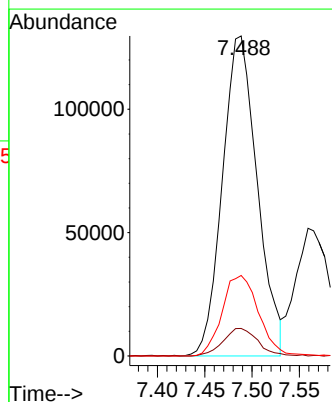
Manual Integrations
APPROVED

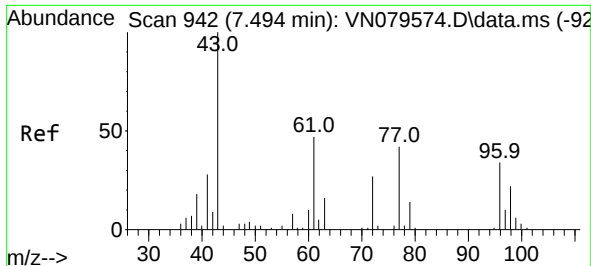
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#30
2-Butanone
Concen: 97.311 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

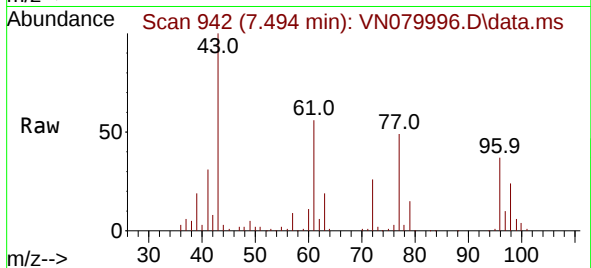
Tgt Ion: 43 Resp: 332198
Ion Ratio Lower Upper
43 100
57 8.5 6.4 9.6
72 26.4 20.7 31.1





#31
2,2-Dichloropropane
Concen: 20.346 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

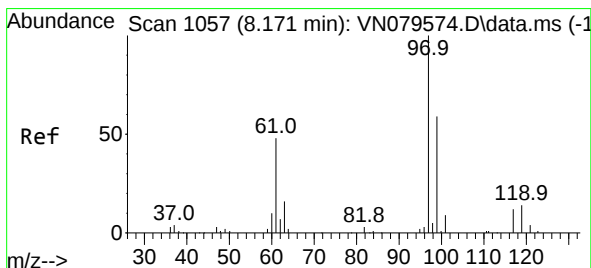
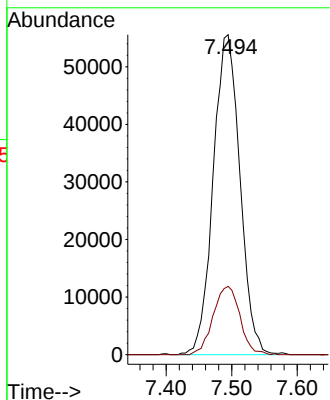
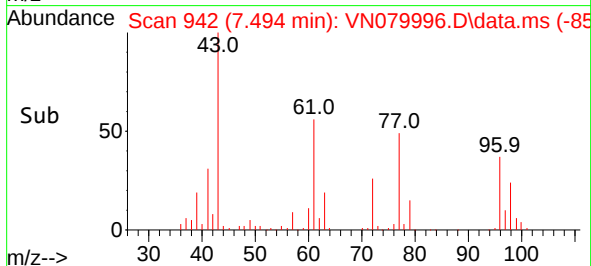
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



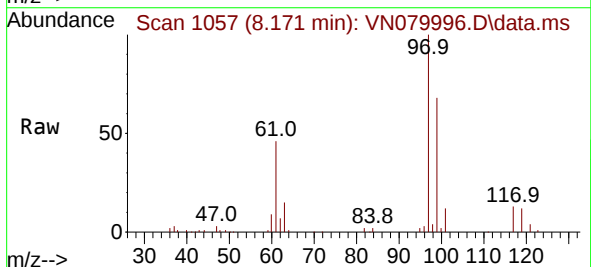
Tgt Ion: 77 Resp: 157190
Ion Ratio Lower Upper
77 100
97 21.2 17.9 26.9

Manual Integrations
APPROVED

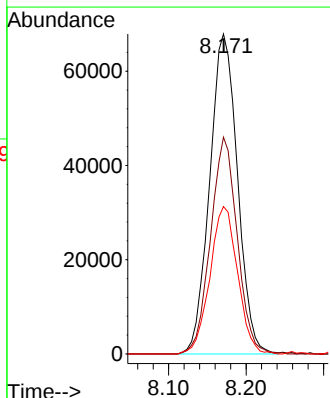
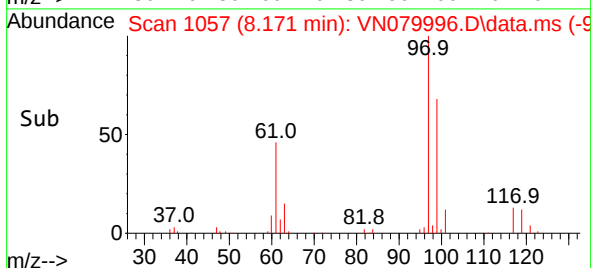
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

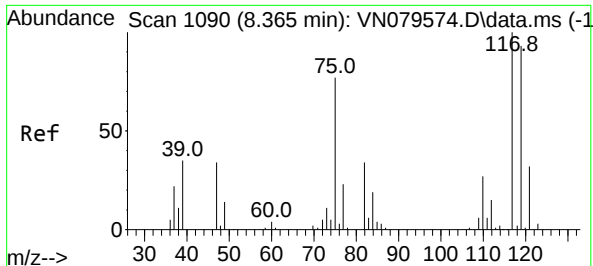


#32
1,1,1-Trichloroethane
Concen: 20.778 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33



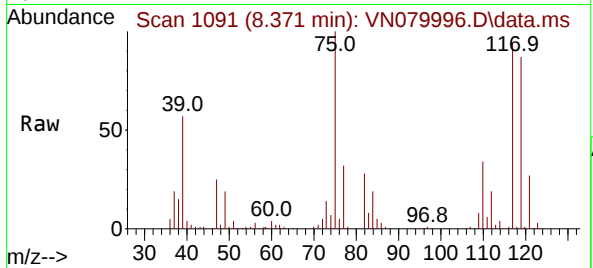
Tgt Ion: 97 Resp: 169553
Ion Ratio Lower Upper
97 100
99 64.8 51.9 77.9
61 45.7 37.6 56.4





#33
Carbon Tetrachloride
Concen: 20.846 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

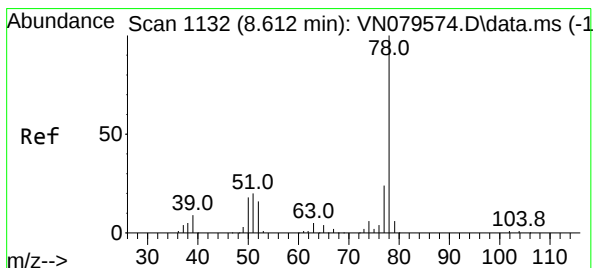
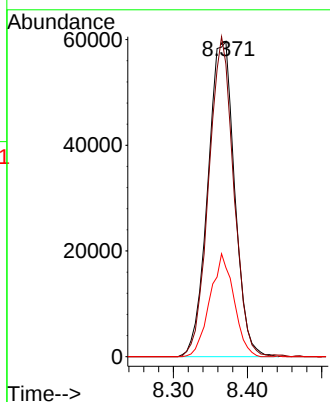
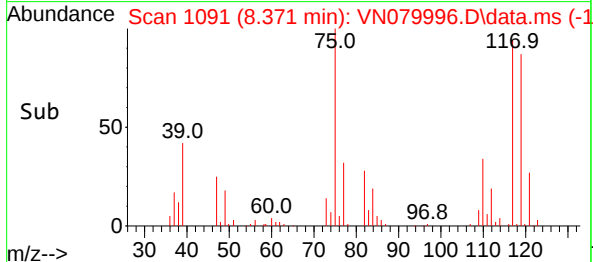
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



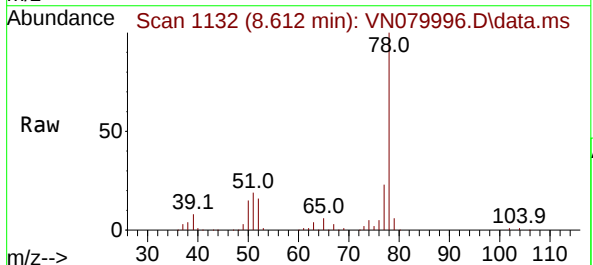
Tgt Ion:117 Resp: 14952
Ion Ratio Lower Upper
117 100
119 92.9 75.0 112.6
121 28.3 24.3 36.5

Manual Integrations
APPROVED

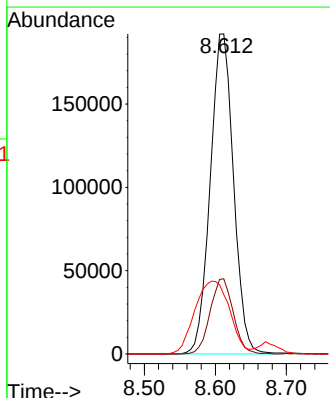
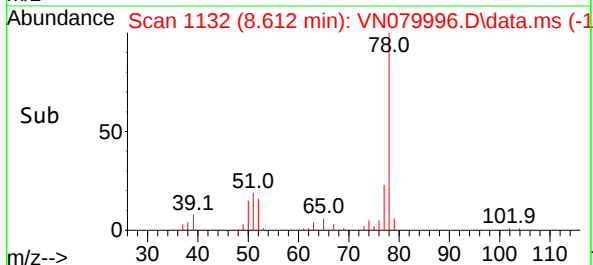
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

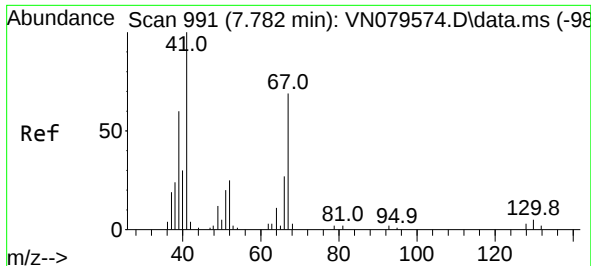


#34
Benzene
Concen: 20.573 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33



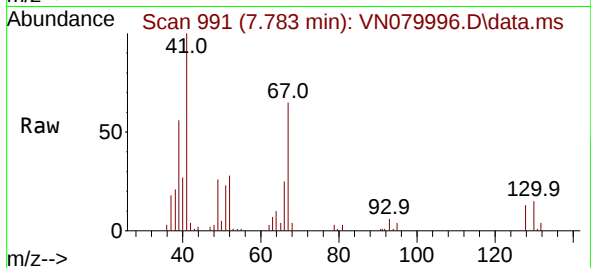
Tgt Ion: 78 Resp: 436857
Ion Ratio Lower Upper
78 100
77 23.5 19.7 29.5
51 17.4 15.8 23.6





#35
Methacrylonitrile
Concen: 20.959 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

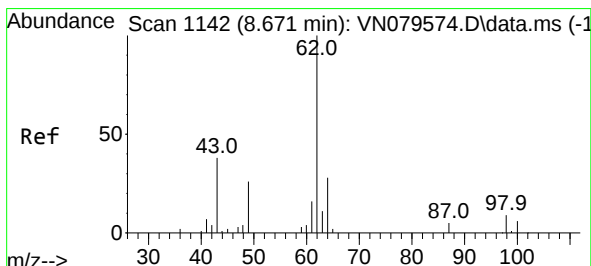
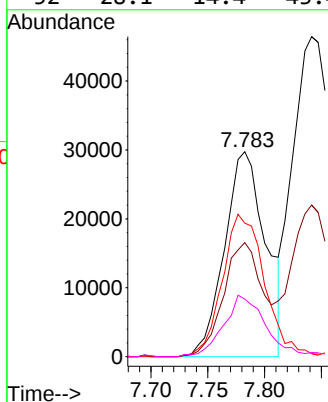
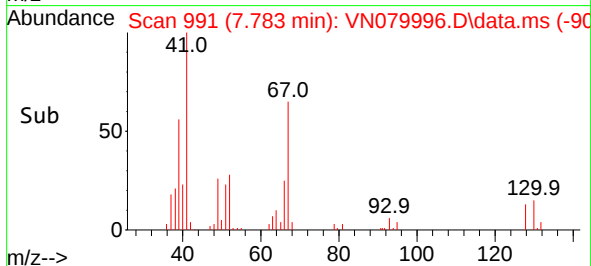
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion:	41	Resp:	7501
Ion Ratio	100	Lower	Upper
39	55.7	26.3	78.8
67	65.2	37.5	112.3
52	28.1	14.4	43.4

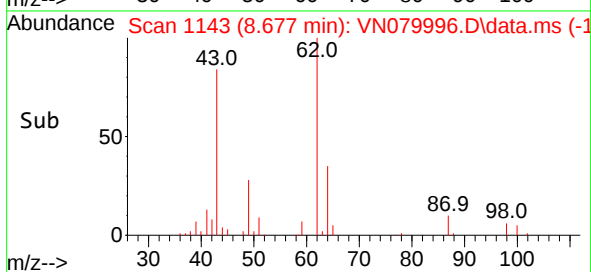
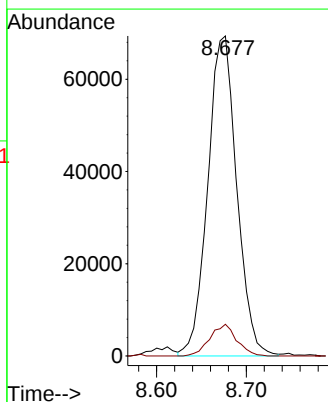
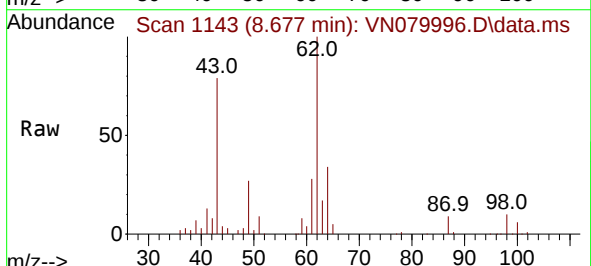
Manual Integrations
APPROVED

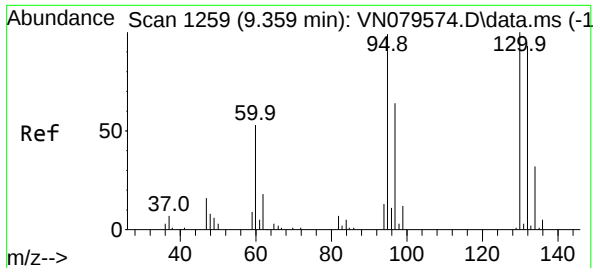
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#36
1,2-Dichloroethane
Concen: 20.284 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Tgt Ion:	62	Resp:	155883
Ion Ratio	100	Lower	Upper
98	9.1	7.2	10.8





#37

Trichloroethene

Concen: 19.960 ug/l

RT: 9.359 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079996.D

Acq: 08 Nov 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

Tgt Ion:130 Resp: 10192

Ion Ratio Lower Upper

130 100

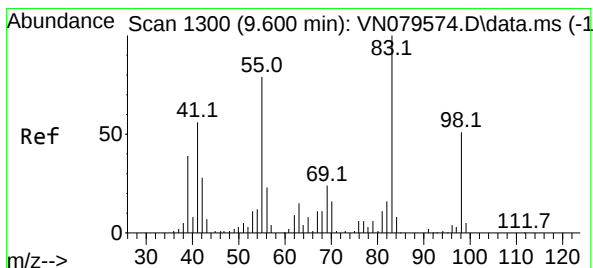
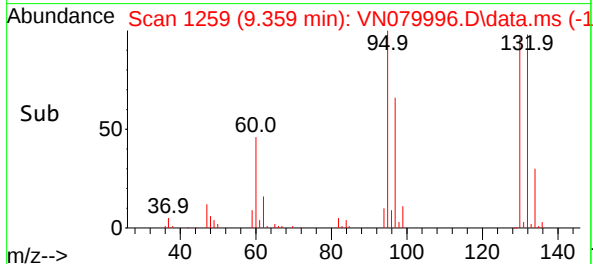
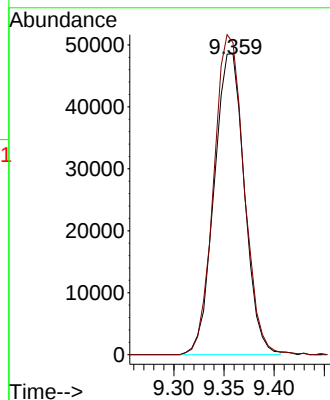
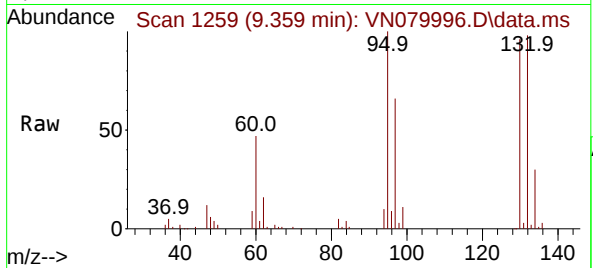
95 103.7 81.2 121.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#38

Methylcyclohexane

Concen: 19.933 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN079996.D

Acq: 08 Nov 2023 17:33

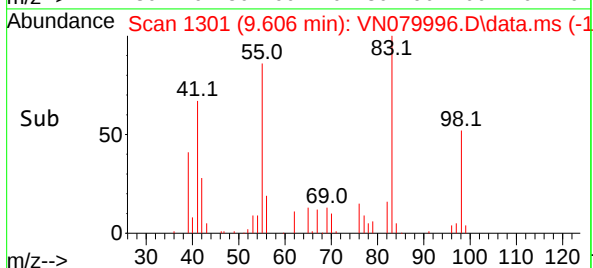
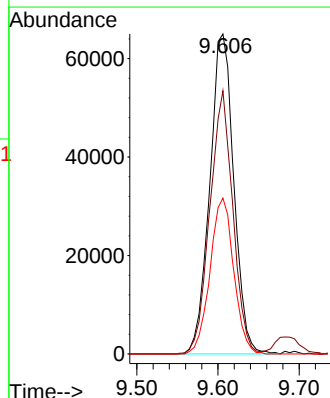
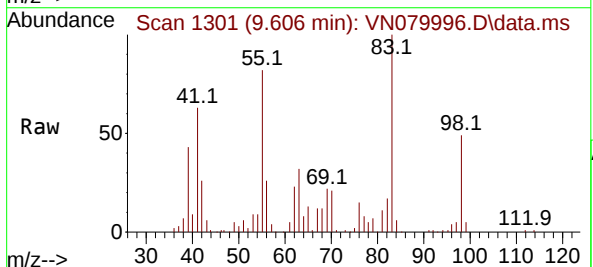
Tgt Ion: 83 Resp: 133784

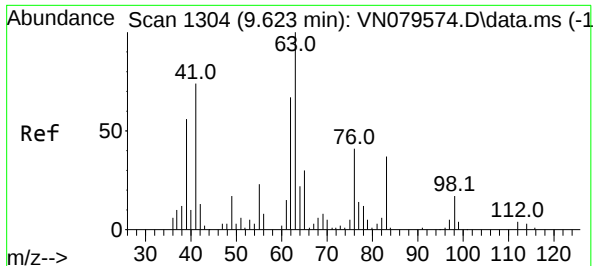
Ion Ratio Lower Upper

83 100

55 78.7 39.7 119.1

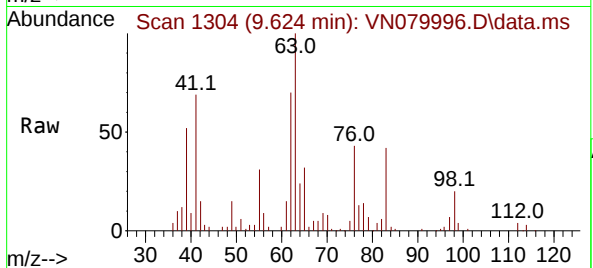
98 47.9 24.4 73.2





#39
1,2-Dichloropropane
Concen: 20.238 ug/l
RT: 9.624 min Scan# 113744
Delta R.T. 0.001 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

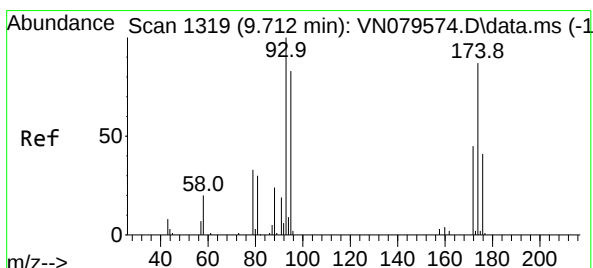
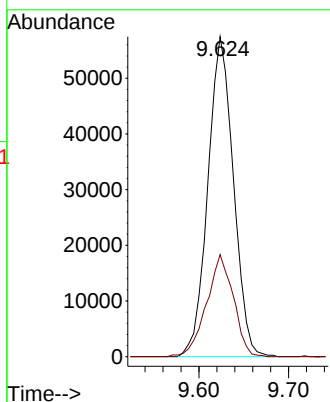
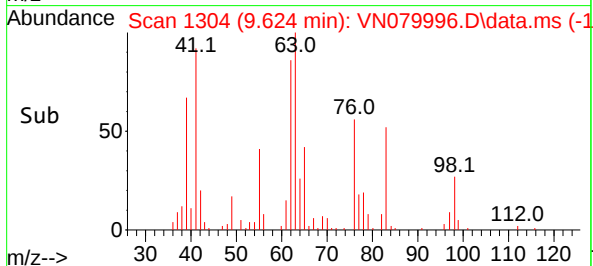
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion: 63 Resp: 113744
Ion Ratio Lower Upper
63 100
65 31.9 25.3 37.9

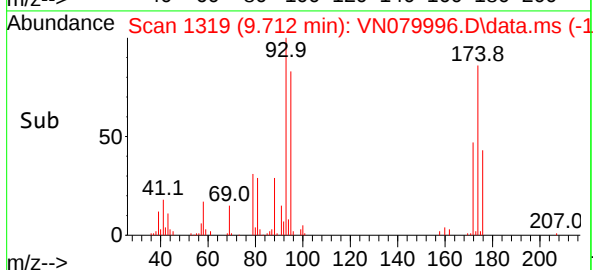
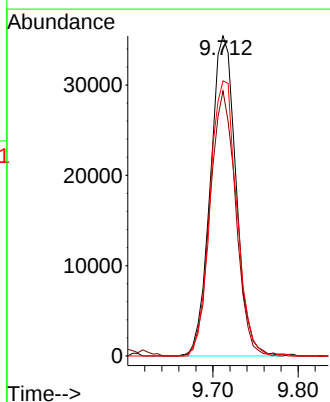
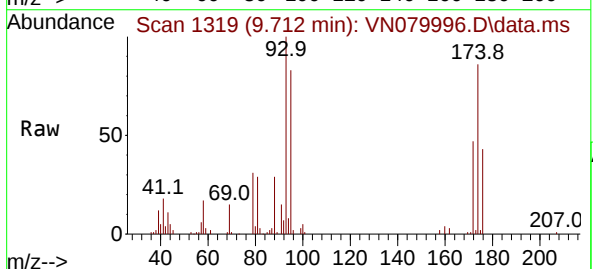
Manual Integrations
APPROVED

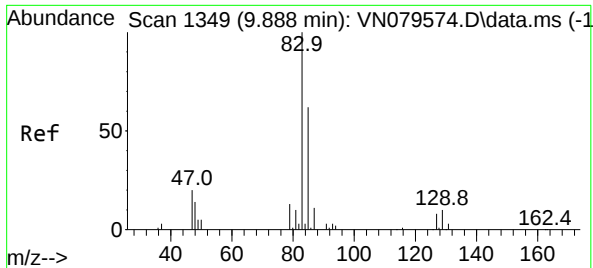
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#40
Dibromomethane
Concen: 20.362 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

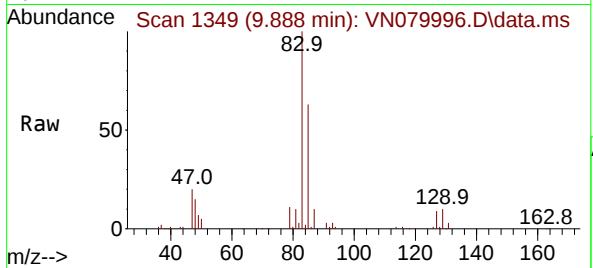
Tgt Ion: 93 Resp: 73972
Ion Ratio Lower Upper
93 100
95 82.6 0.0 166.6
174 88.9 0.0 171.0





#41
Bromodichloromethane
Concen: 20.485 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

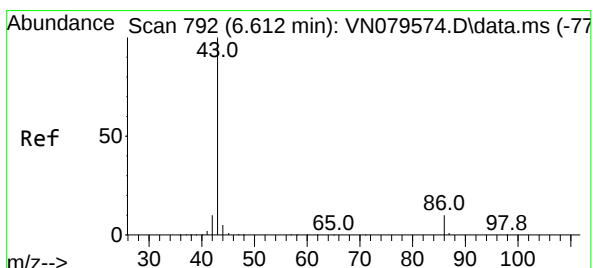
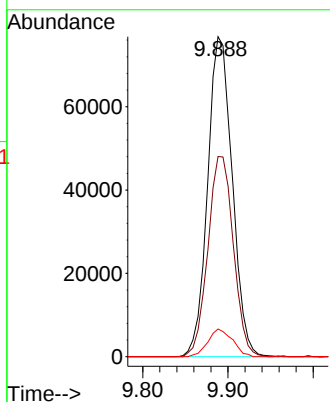
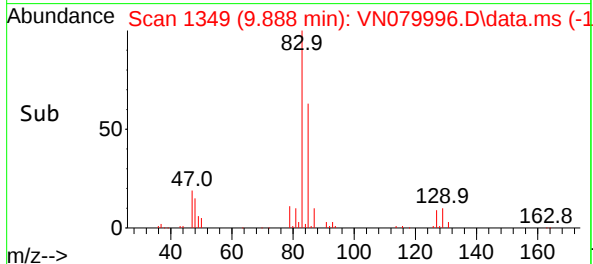
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion: 83 Resp: 154134
Ion Ratio Lower Upper
83 100
85 62.6 50.3 75.5
127 8.6 6.8 10.2

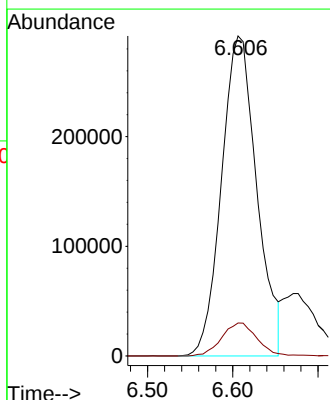
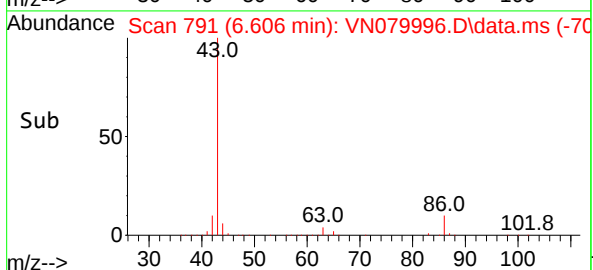
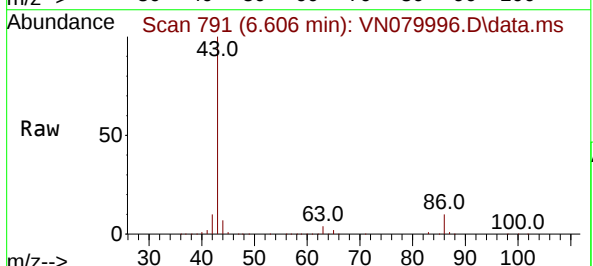
Manual Integrations
APPROVED

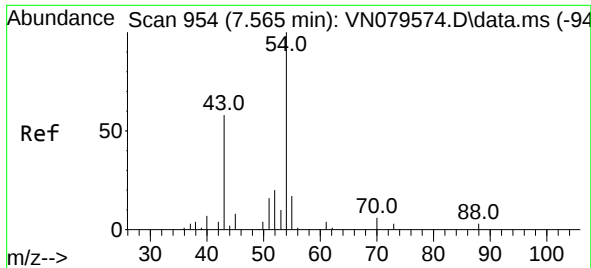
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#42
Vinyl Acetate
Concen: 99.131 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Tgt Ion: 43 Resp: 840573
Ion Ratio Lower Upper
43 100
86 10.2 8.2 12.2





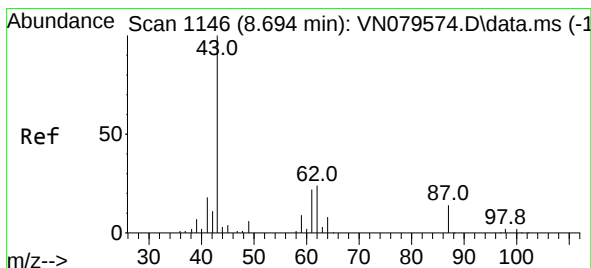
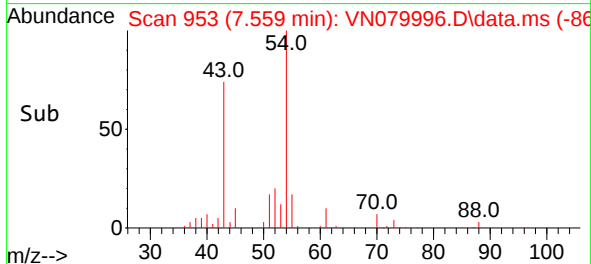
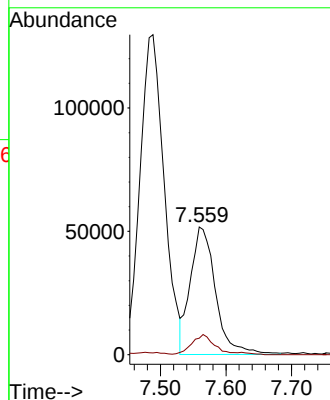
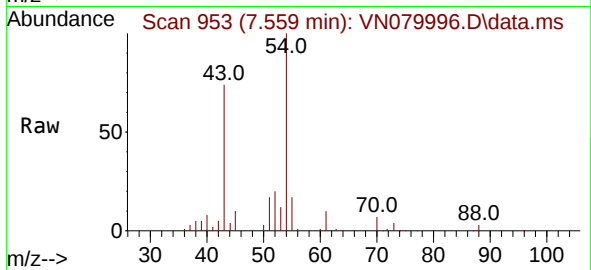
#43
Ethyl Acetate
Concen: 21.531 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

Tgt Ion: 43 Resp: 138079
Ion Ratio Lower Upper
43 100
45 13.3 11.8 17.8

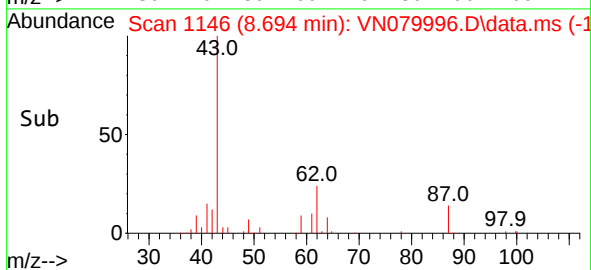
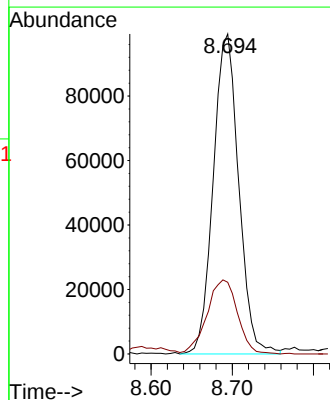
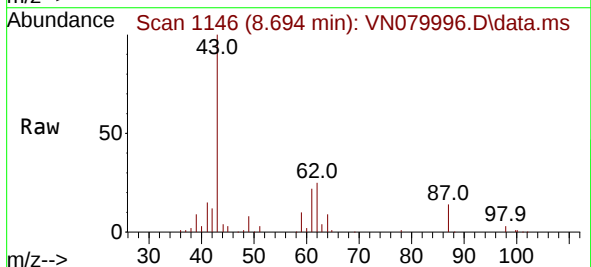
Manual Integrations
APPROVED

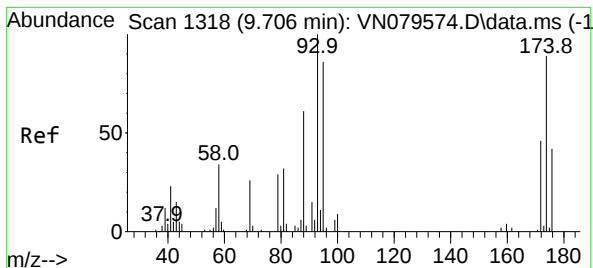
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#44
Isopropyl Acetate
Concen: 20.689 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Tgt Ion: 43 Resp: 216191
Ion Ratio Lower Upper
43 100
61 27.7 20.3 30.5





#45

1,4-Dioxane

Concen: 446.393 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079996.D

Acq: 08 Nov 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

Tgt Ion: 88 Resp: 3594

Ion Ratio Lower Upper

88 100

43 30.9 28.7 43.1

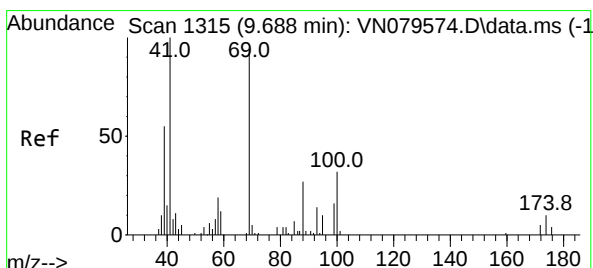
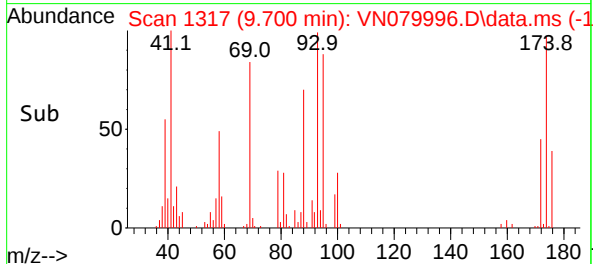
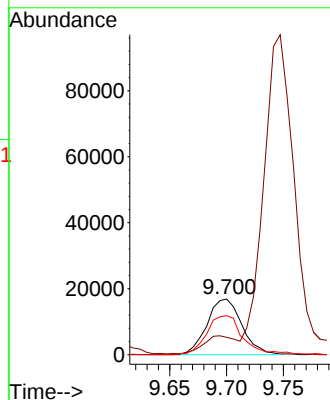
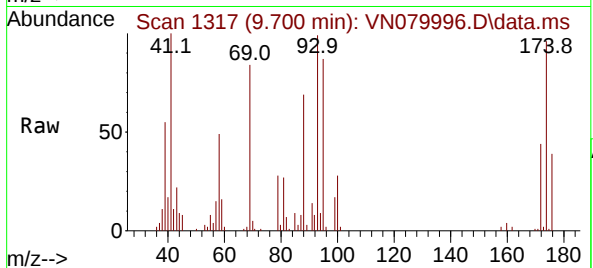
58 70.0 56.9 85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#46

Methyl methacrylate

Concen: 20.544 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VN079996.D

Acq: 08 Nov 2023 17:33

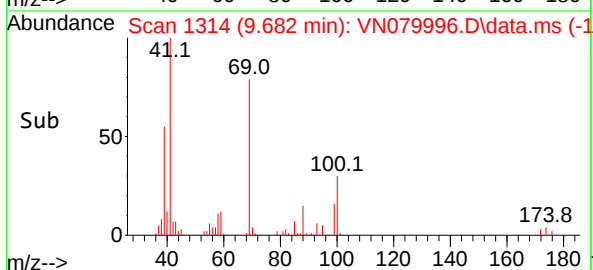
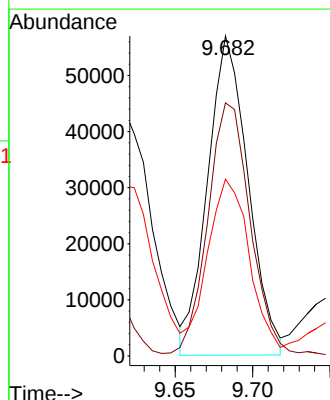
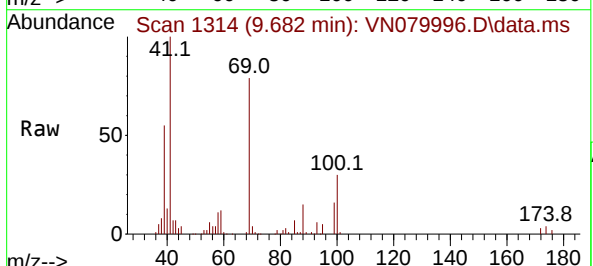
Tgt Ion: 41 Resp: 103193

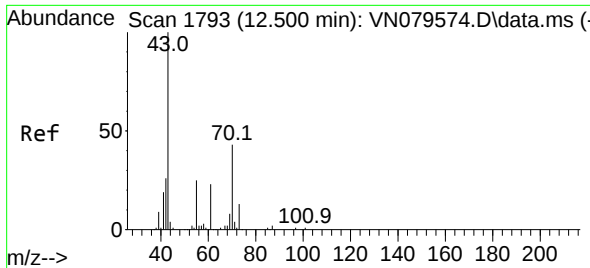
Ion Ratio Lower Upper

41 100

69 81.0 40.0 119.9

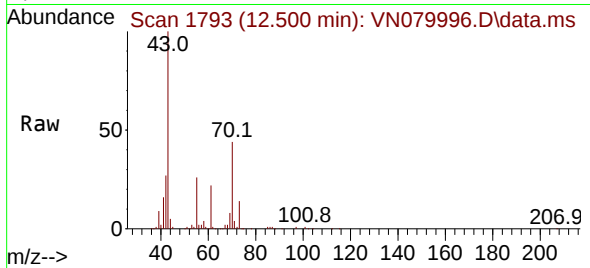
39 55.7 31.1 93.3





#47
n-amy1 Acetate
Concen: 20.323 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

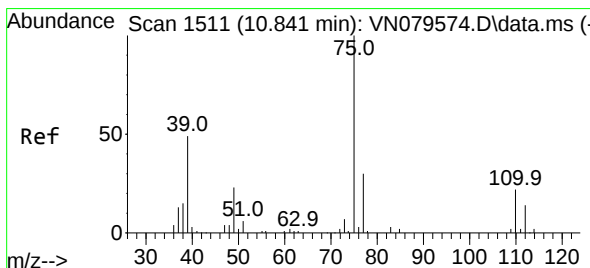
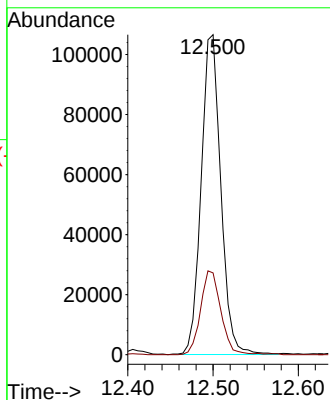
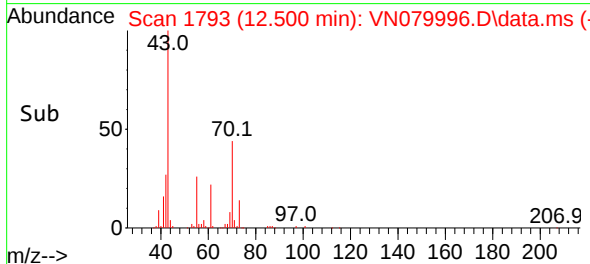
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion: 43 Resp: 17058
Ion Ratio Lower Upper
43 100
55 26.9 20.7 31.1

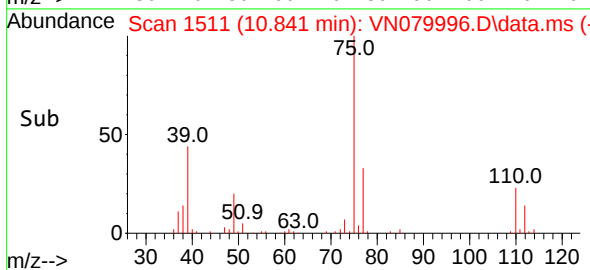
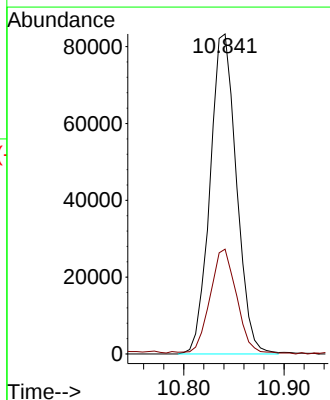
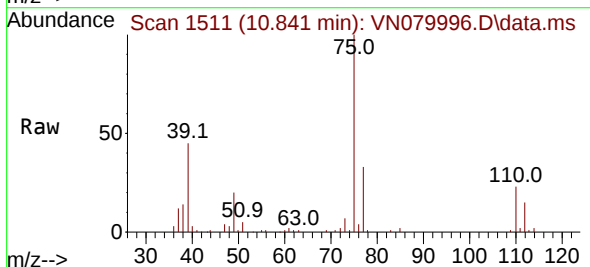
Manual Integrations
APPROVED

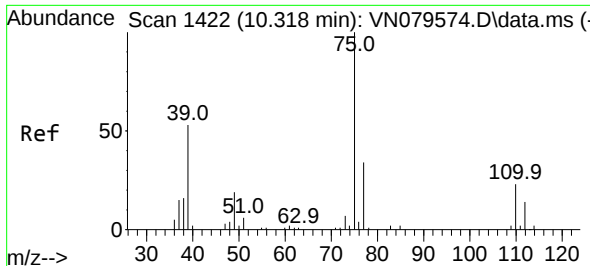
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#48
t-1,3-Dichloropropene
Concen: 19.864 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Tgt Ion: 75 Resp: 152642
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 20.158 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.006 min

Lab File: VN079996.D

Acq: 08 Nov 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

Tgt Ion: 75 Resp: 171240

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

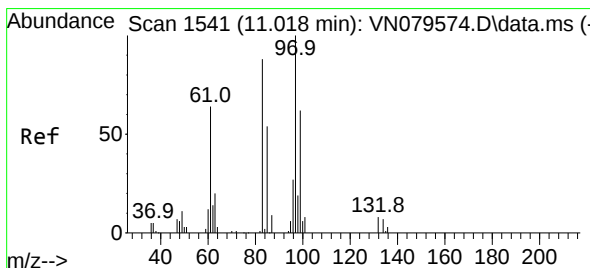
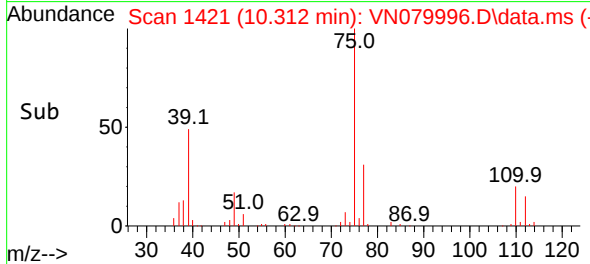
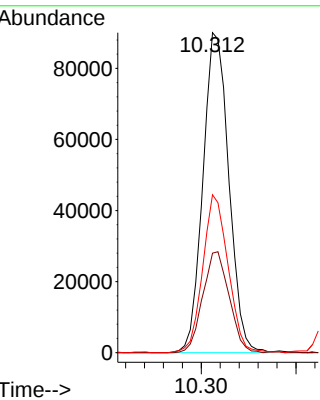
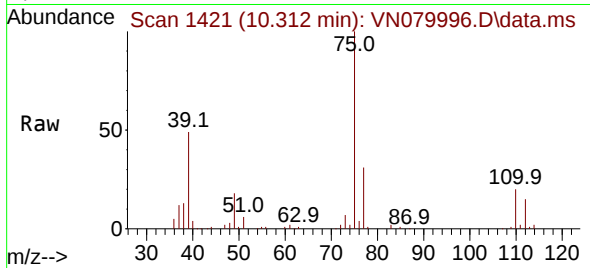
39 49.3 42.4 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#50

1,1,2-Trichloroethane

Concen: 20.916 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN079996.D

Acq: 08 Nov 2023 17:33

Tgt Ion: 97 Resp: 103655

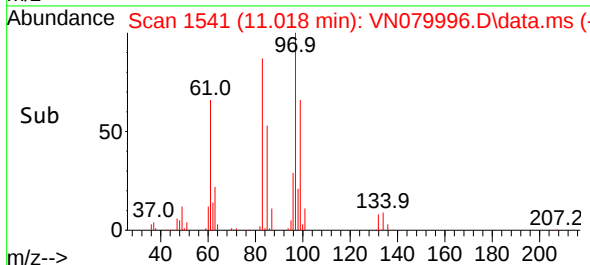
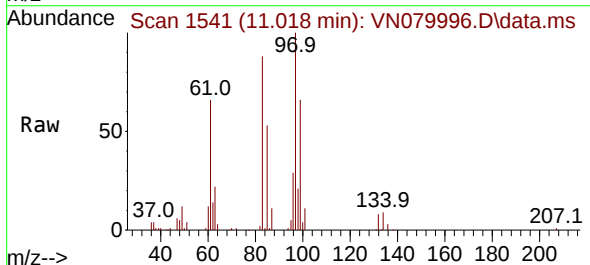
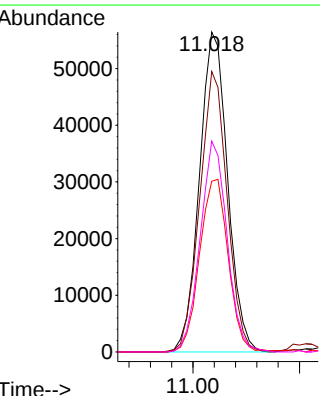
Ion Ratio Lower Upper

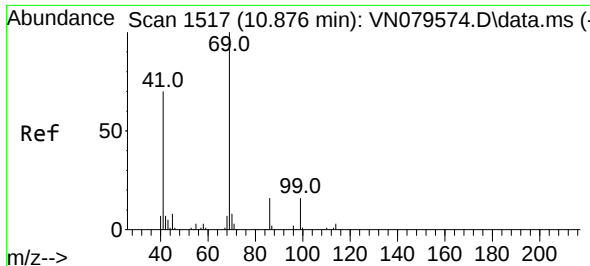
97 100

83 87.4 68.2 102.4

85 53.3 42.9 64.3

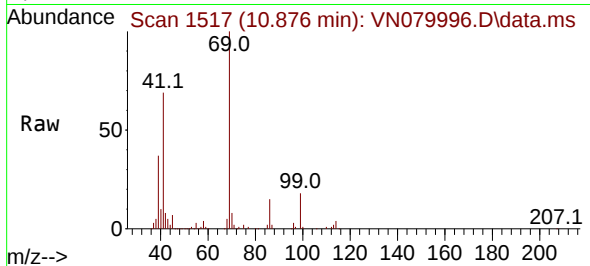
99 65.9 44.8 67.2





#51
Ethyl methacrylate
Concen: 20.138 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

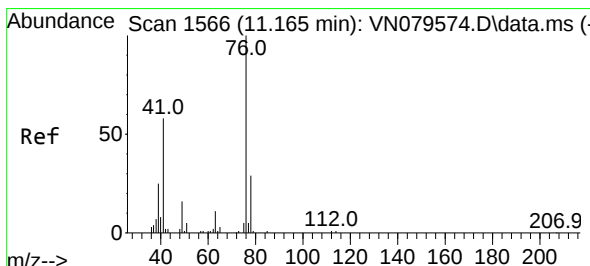
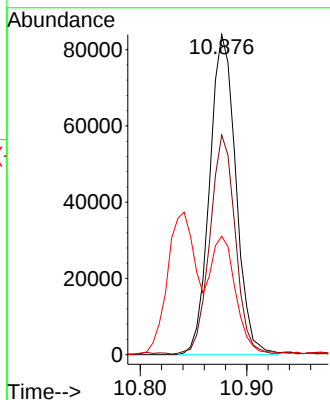
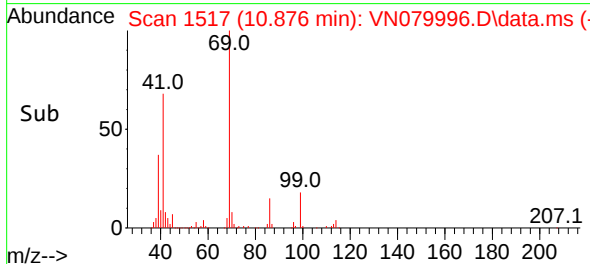
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



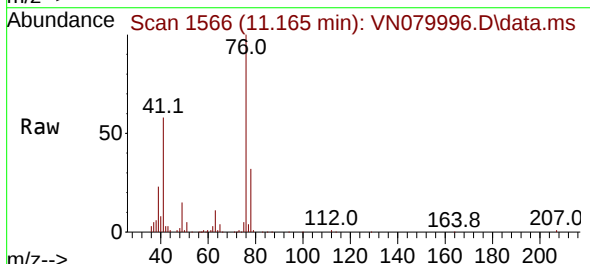
Tgt Ion: 69 Resp: 14344
Ion Ratio Lower Upper
69 100
41 68.2 33.8 101.3
39 36.5 21.3 63.9

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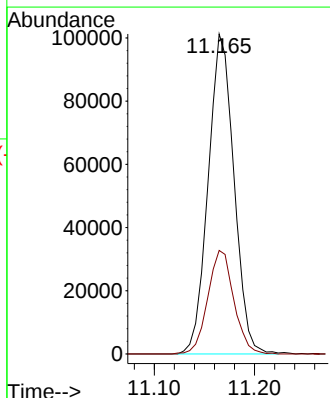
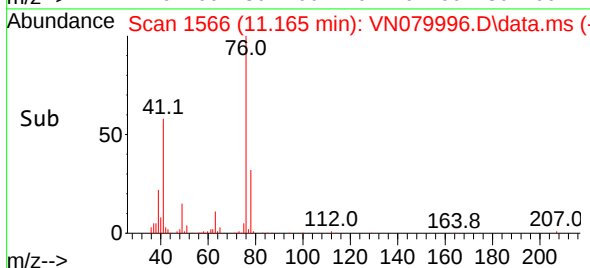
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

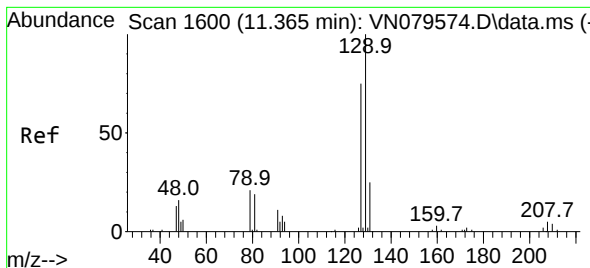


#52
1,3-Dichloropropane
Concen: 20.429 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33



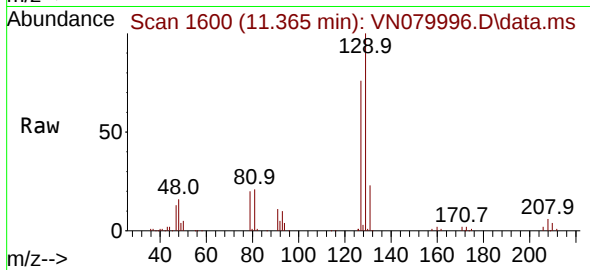
Tgt Ion: 76 Resp: 180998
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.0





#53
Dibromochloromethane
Concen: 20.064 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

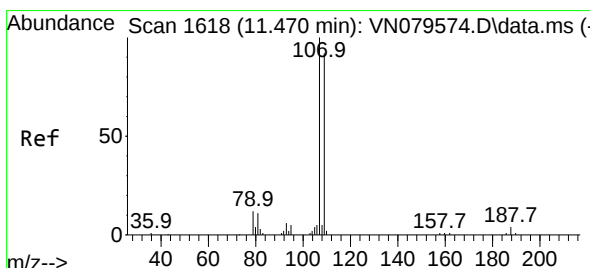
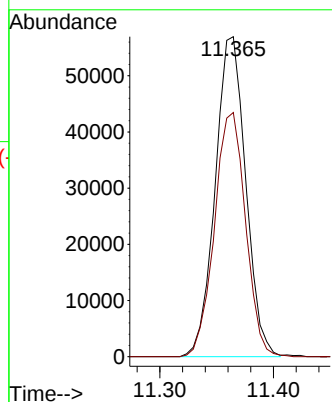
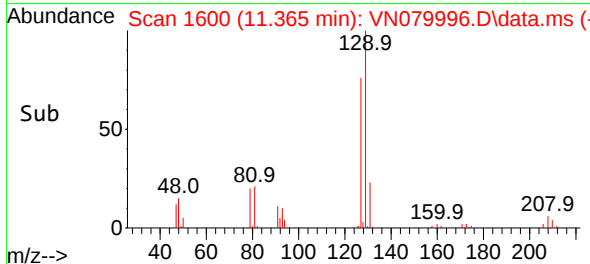
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



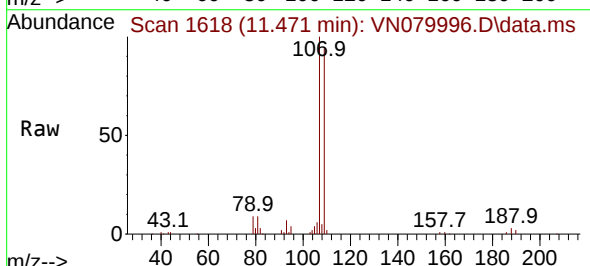
Tgt Ion:129 Resp: 106372
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.3

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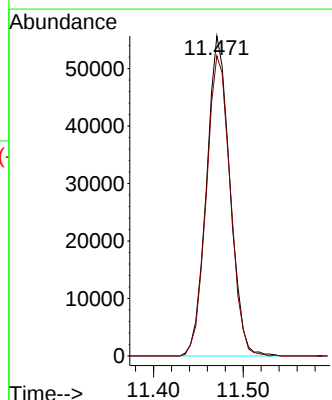
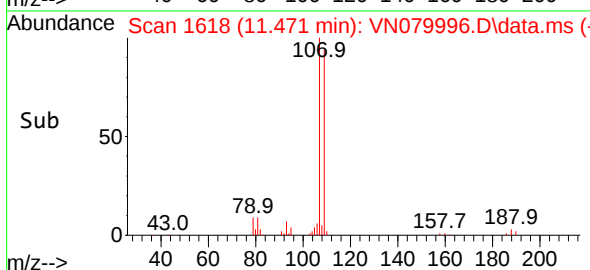
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

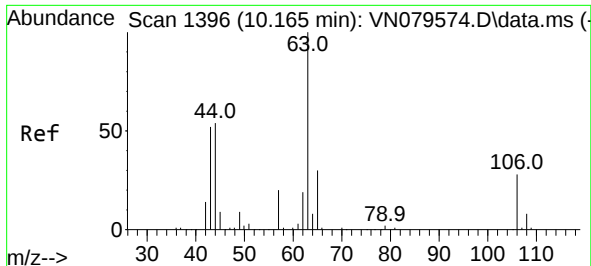


#54
1,2-Dibromoethane
Concen: 20.191 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33



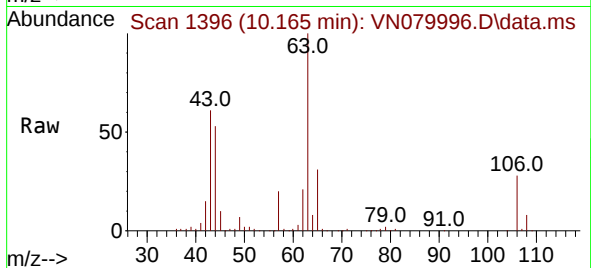
Tgt Ion:107 Resp: 100475
Ion Ratio Lower Upper
107 100
109 95.8 73.2 109.8





#55
2-Chloroethyl vinyl ether
Concen: 103.629 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

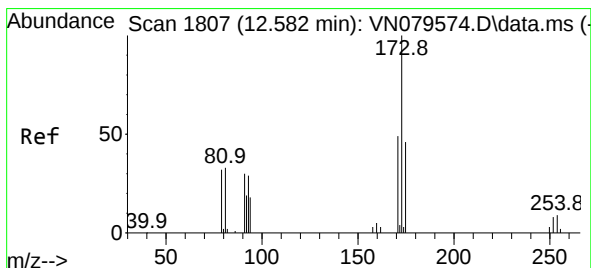
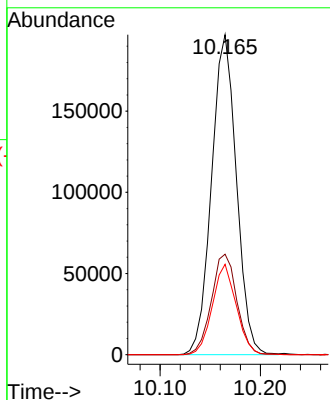
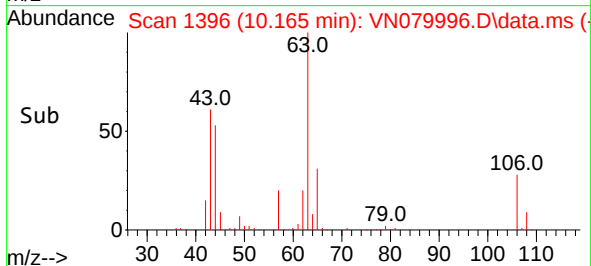
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion: 63 Resp: 339499
Ion Ratio Lower Upper
63 100
65 32.3 25.9 38.9
106 27.2 20.6 30.8

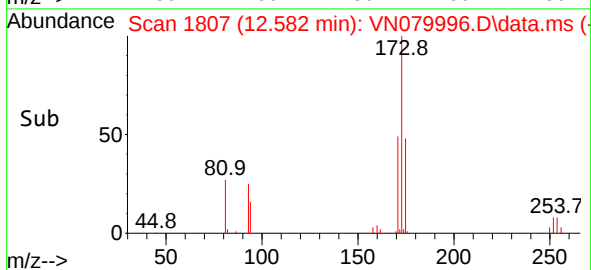
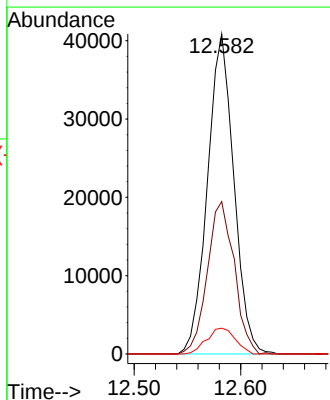
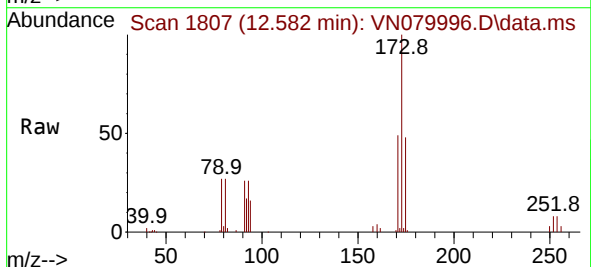
Manual Integrations
APPROVED

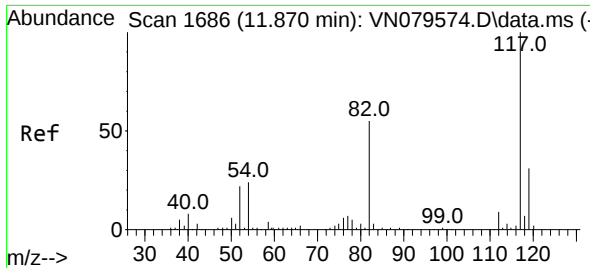
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#56
Bromoform
Concen: 20.238 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

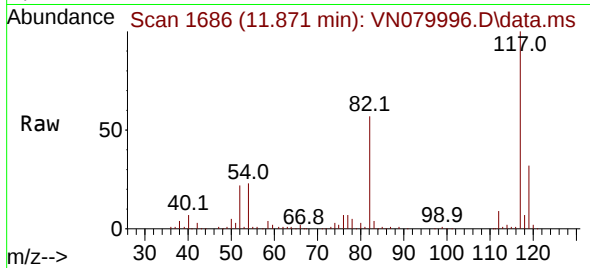
Tgt Ion:173 Resp: 70310
Ion Ratio Lower Upper
173 100
175 48.4 37.9 56.9
254 8.7 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

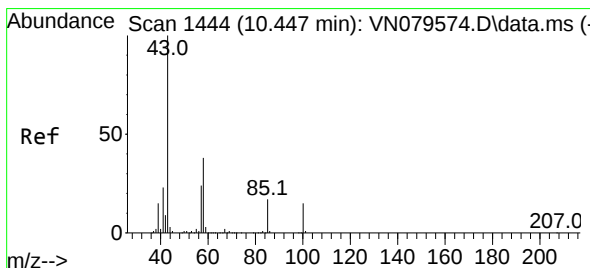
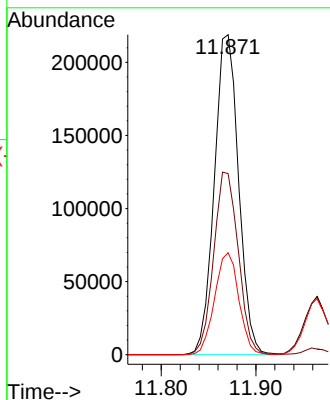
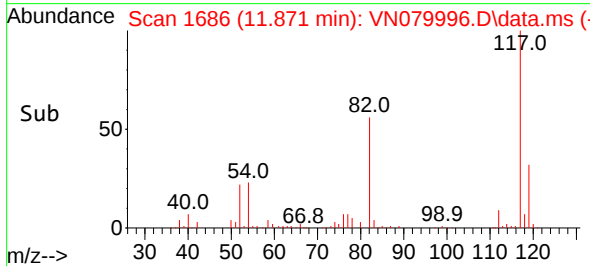
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion:117 Resp: 39048
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.2
119 31.8 25.2 37.8

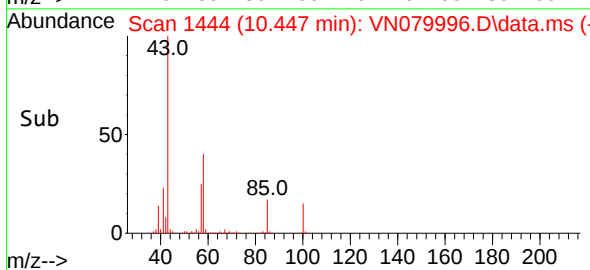
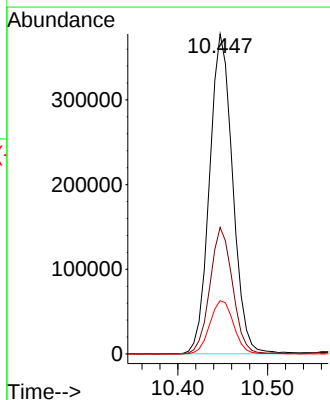
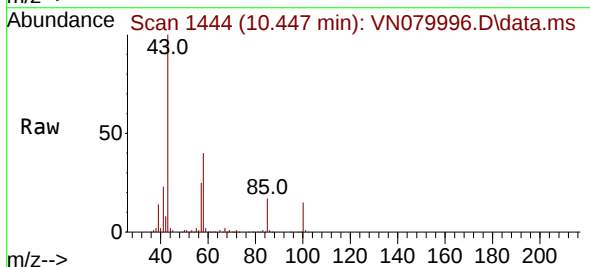
Manual Integrations
APPROVED

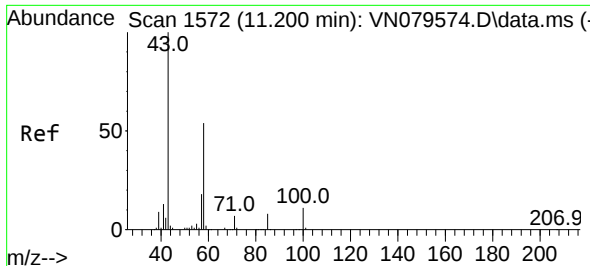
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#58
4-Methyl-2-Pentanone
Concen: 103.730 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

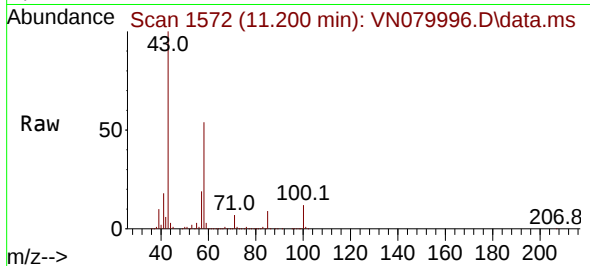
Tgt Ion: 43 Resp: 676706
Ion Ratio Lower Upper
43 100
58 38.9 30.4 45.6
85 17.2 13.2 19.8





#59
2-Hexanone
Concen: 99.735 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

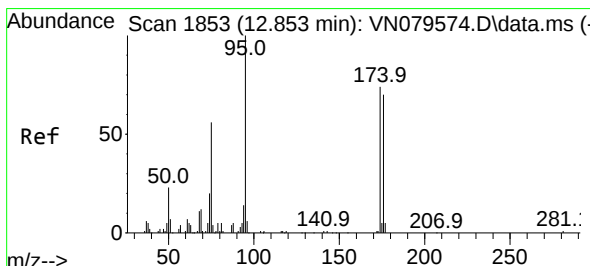
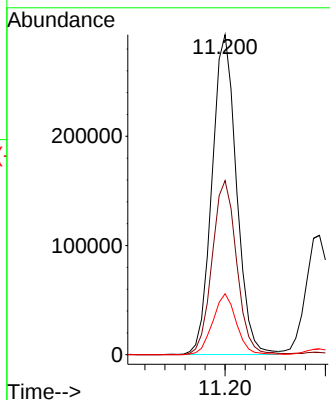
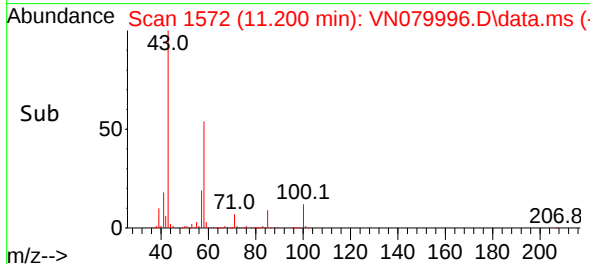
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion: 43 Resp: 495642
Ion Ratio Lower Upper
43 100
58 54.5 42.3 63.5
57 18.4 13.9 20.9

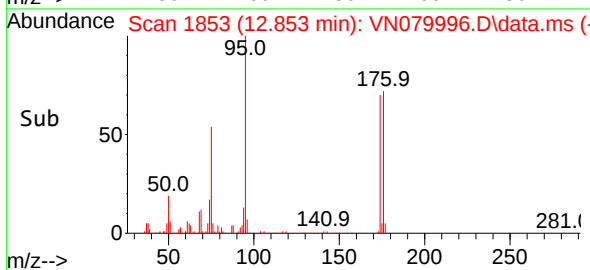
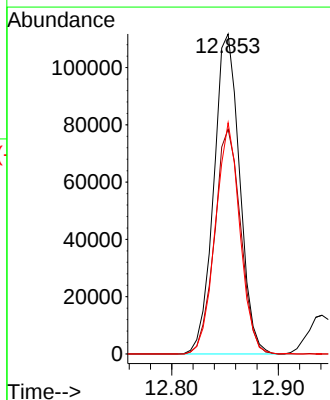
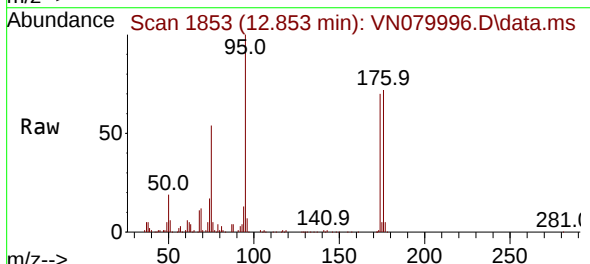
Manual Integrations
APPROVED

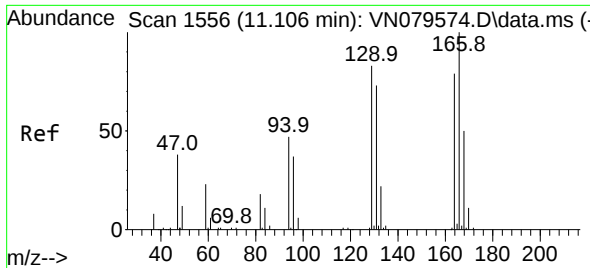
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#60
4-Bromofluorobenzene
Concen: 30.079 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

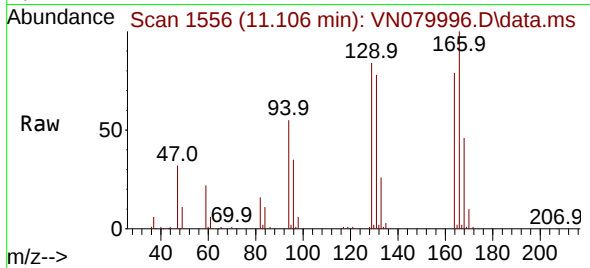
Tgt Ion: 95 Resp: 187830
Ion Ratio Lower Upper
95 100
174 71.1 60.5 90.7
176 68.8 57.2 85.8





#61
Tetrachloroethene
Concen: 20.594 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

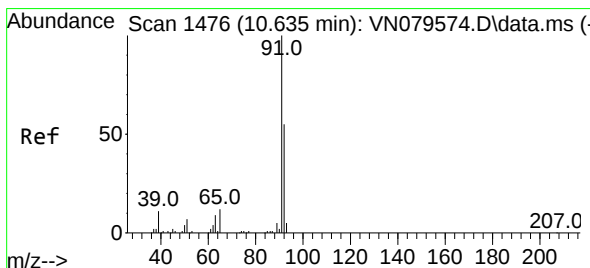
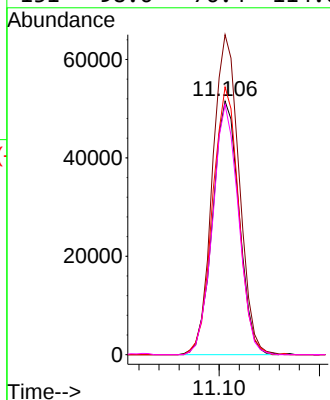
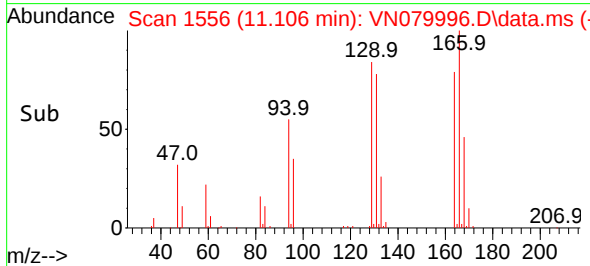
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



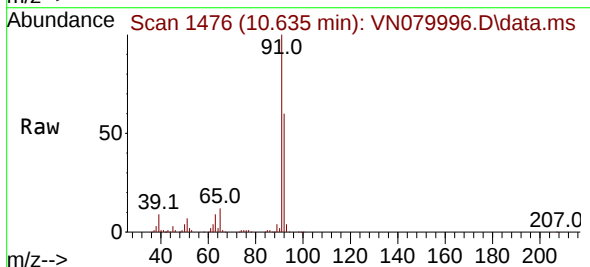
Tgt Ion:164 Resp: 9428
Ion Ratio Lower Upper
164 100
166 126.2 98.2 147.4
129 105.6 75.0 112.4
131 98.6 76.4 114.6

Manual Integrations
APPROVED

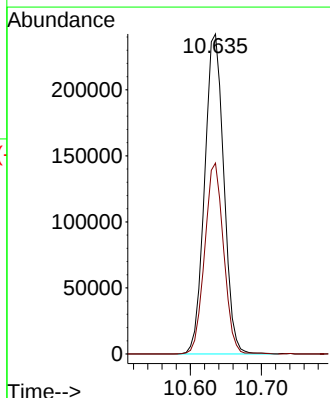
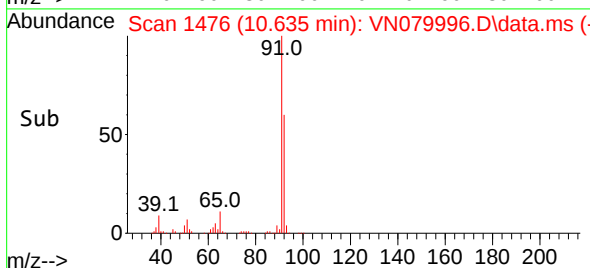
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

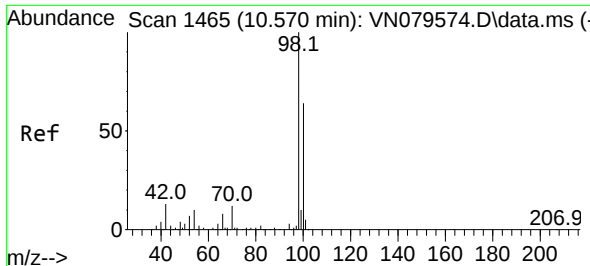


#62
Toluene
Concen: 20.134 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33



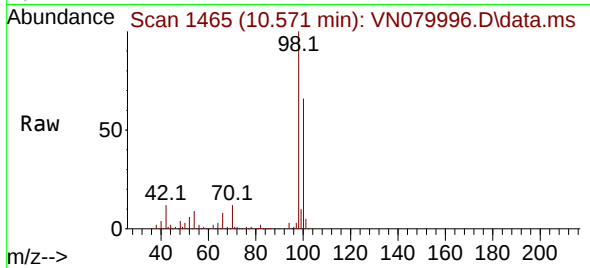
Tgt Ion: 91 Resp: 454718
Ion Ratio Lower Upper
91 100
92 58.7 45.3 67.9





#63
Toluene-d8
Concen: 29.992 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

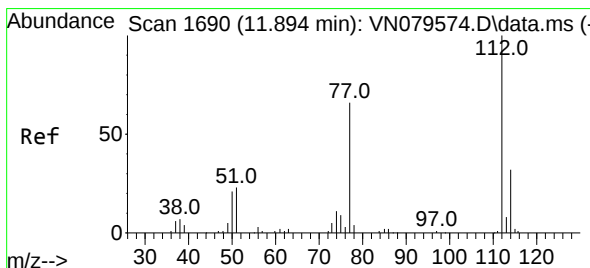
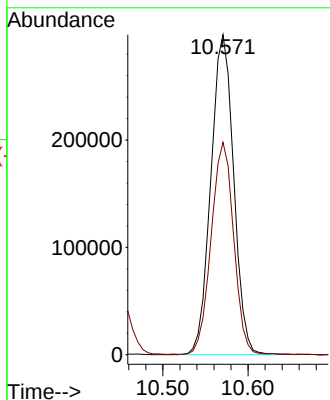
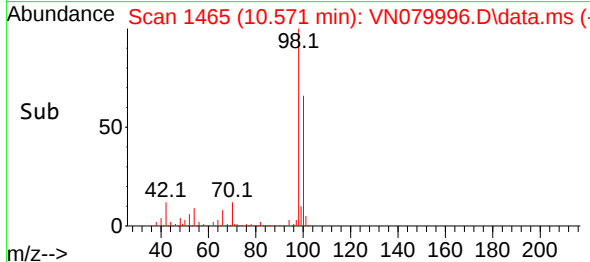
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion: 98 Resp: 55491
Ion Ratio Lower Upper
98 100
100 65.5 51.6 77.4

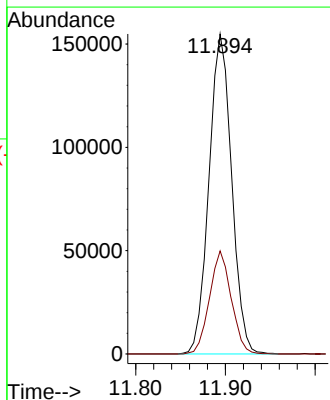
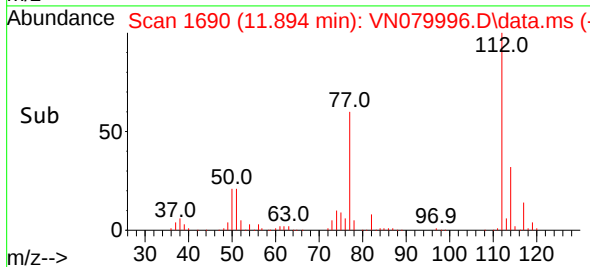
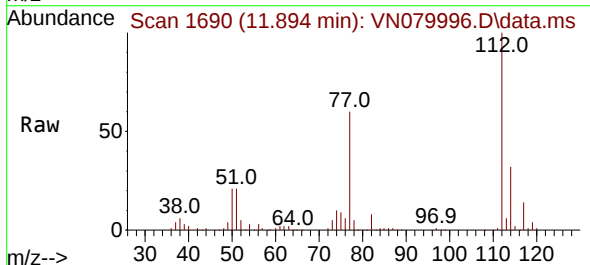
Manual Integrations
APPROVED

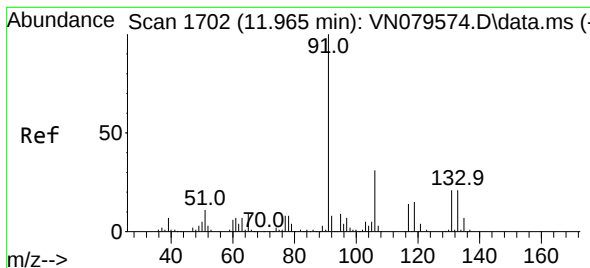
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#64
Chlorobenzene
Concen: 20.169 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Tgt Ion:112 Resp: 271838
Ion Ratio Lower Upper
112 100
114 32.2 28.1 42.1





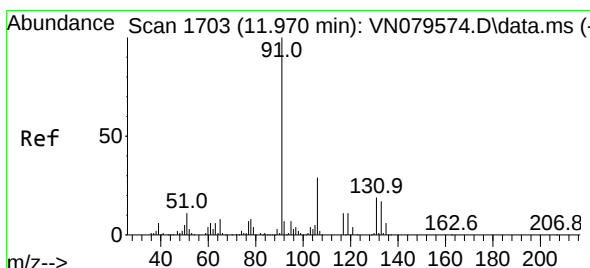
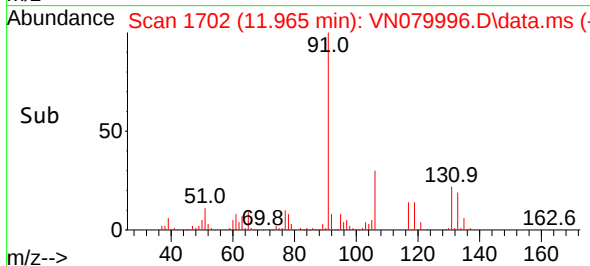
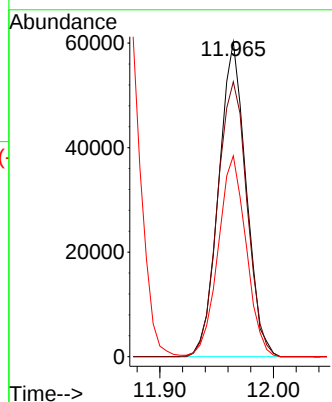
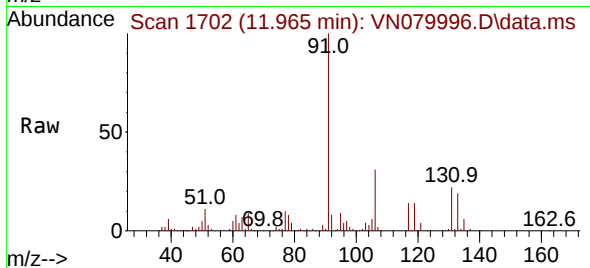
#65
1,1,1,2-Tetrachloroethane
Concen: 20.460 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

Tgt Ion:131 Resp: 101152
Ion Ratio Lower Upper
131 100
133 93.9 0.0 196.0
119 65.0 0.0 135.6

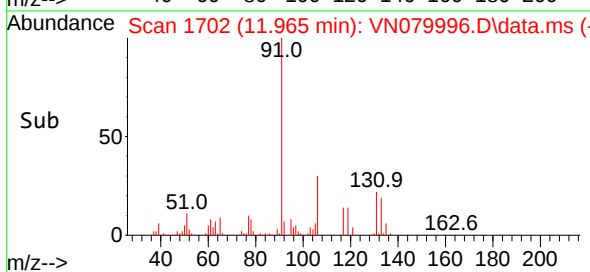
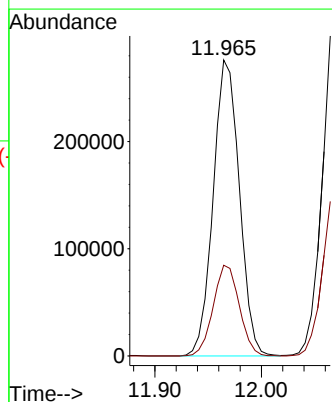
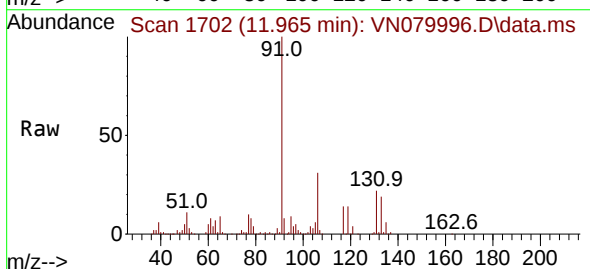
Manual Integrations
APPROVED

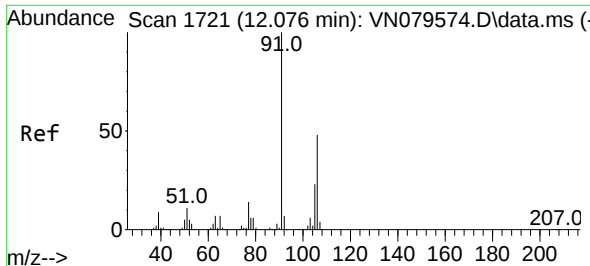
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#66
Ethyl Benzene
Concen: 19.874 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.005 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Tgt Ion: 91 Resp: 471653
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.8





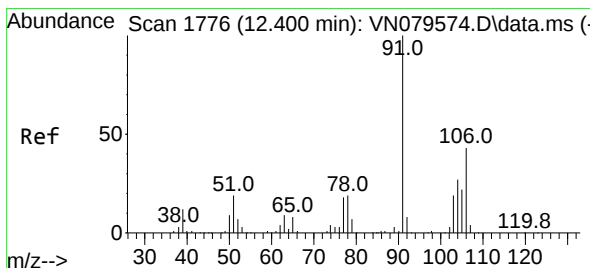
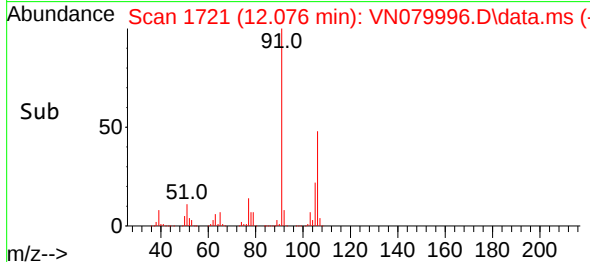
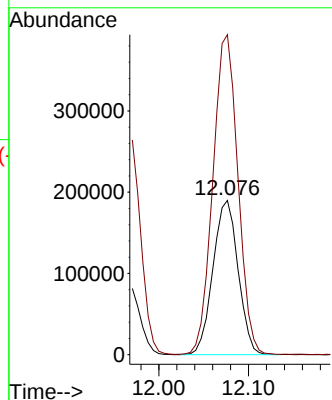
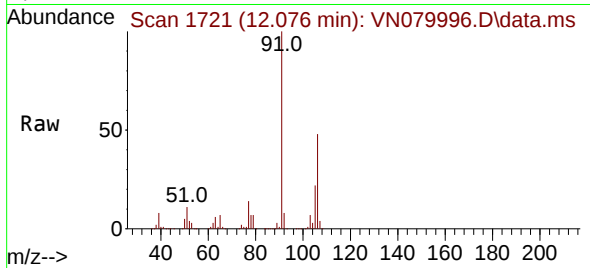
#67
m/p-Xylenes
Concen: 41.733 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

Tgt Ion:106 Resp: 368739
Ion Ratio Lower Upper
106 100
91 207.2 161.8 242.6

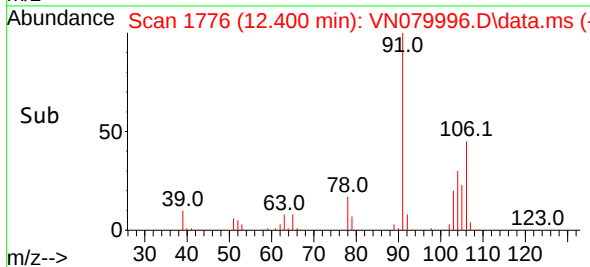
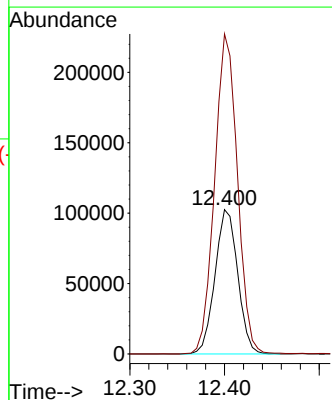
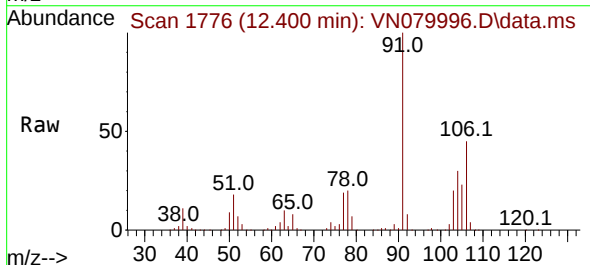
Manual Integrations
APPROVED

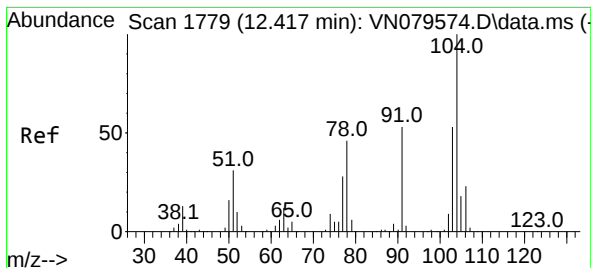
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#68
o-Xylene
Concen: 20.221 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Tgt Ion:106 Resp: 171251
Ion Ratio Lower Upper
106 100
91 222.6 109.9 329.7





#69

Styrene

Concen: 20.393 ug/l

RT: 12.418 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN079996.D

Acq: 08 Nov 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

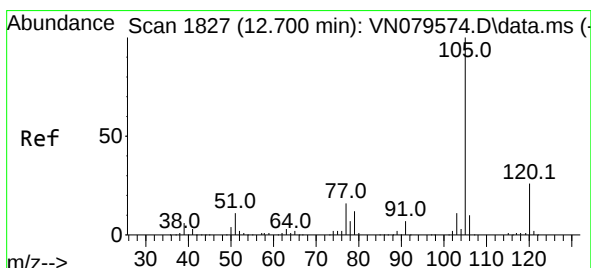
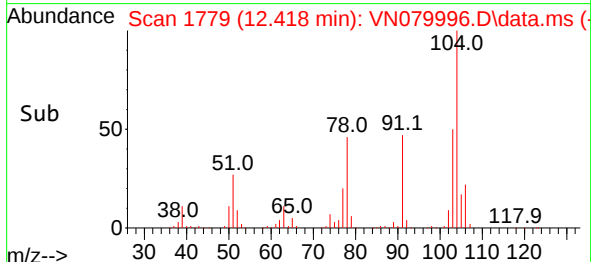
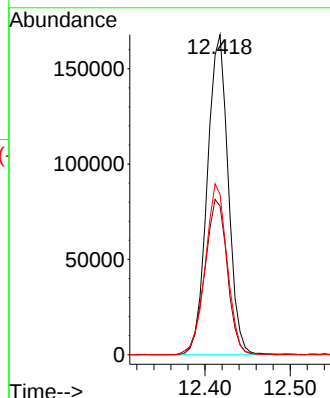
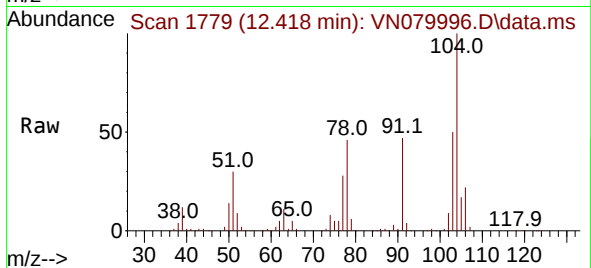
Tgt Ion:104 Resp: 28590
 Ion Ratio Lower Upper
 104 100
 78 52.4 41.2 61.8
 103 55.6 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#70

Isopropylbenzene

Concen: 20.287 ug/l

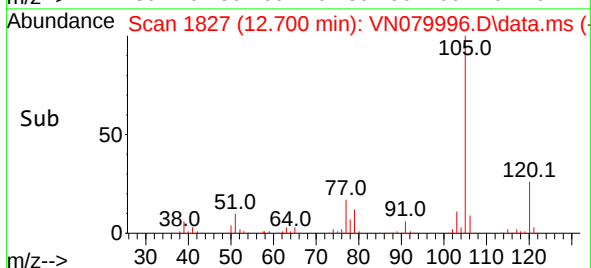
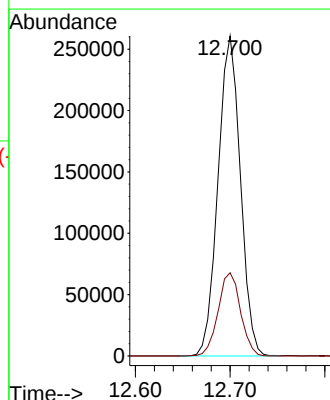
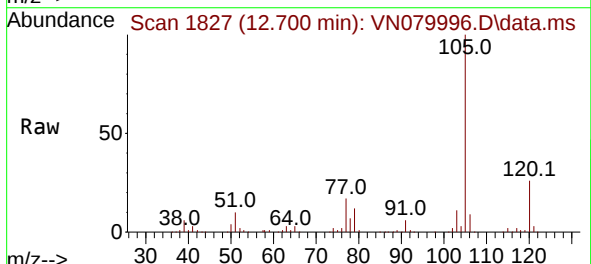
RT: 12.700 min Scan# 1827

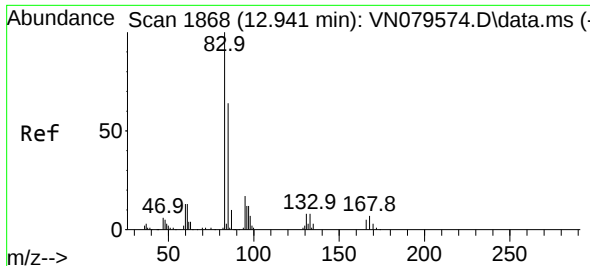
Delta R.T. -0.000 min

Lab File: VN079996.D

Acq: 08 Nov 2023 17:33

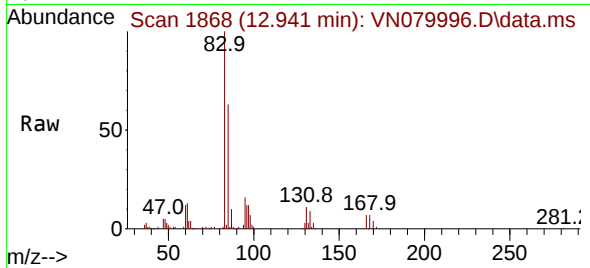
Tgt Ion:105 Resp: 428569
 Ion Ratio Lower Upper
 105 100
 120 26.0 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 20.582 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

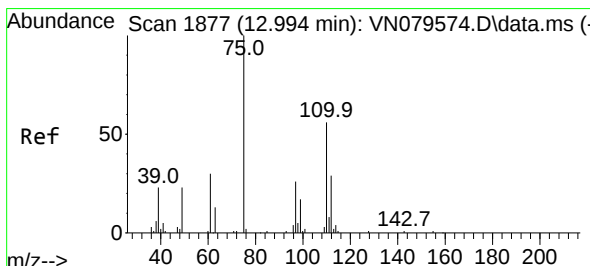
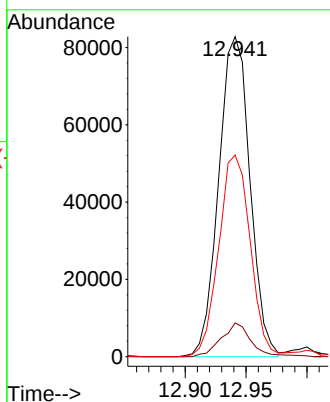
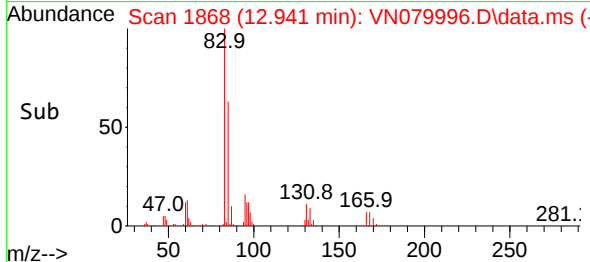
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion: 83 Resp: 148090
Ion Ratio Lower Upper
83 100
131 10.0 4.5 13.4
85 63.2 32.1 96.3

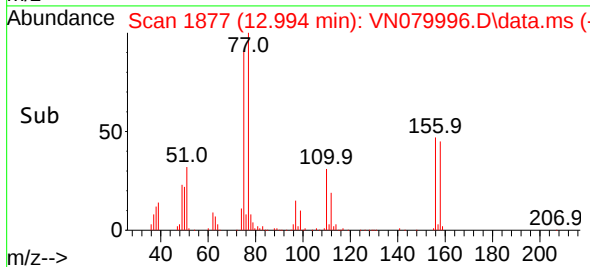
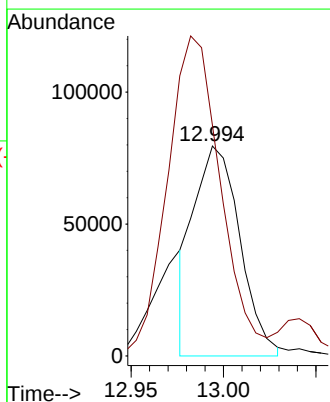
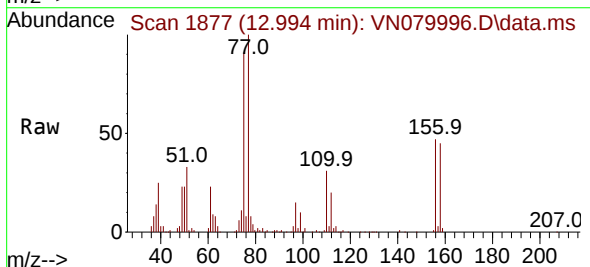
Manual Integrations
APPROVED

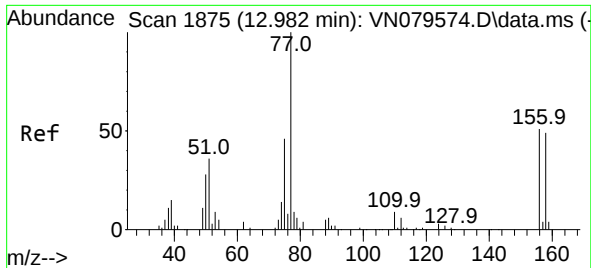
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#72
1,2,3-Trichloropropane
Concen: 20.601 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

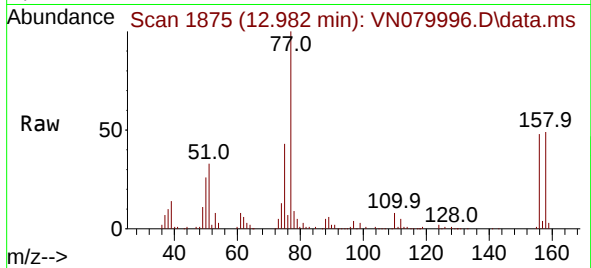
Tgt Ion: 75 Resp: 137724
Ion Ratio Lower Upper
75 100
77 176.6 0.0 338.2





#73
Bromobenzene
Concen: 19.979 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

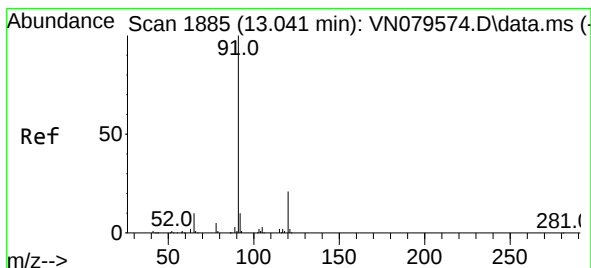
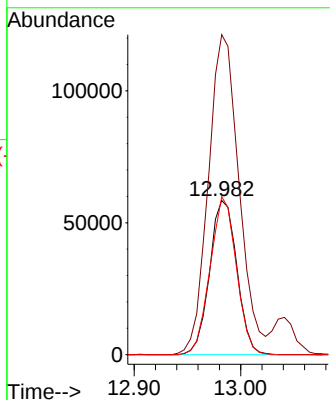
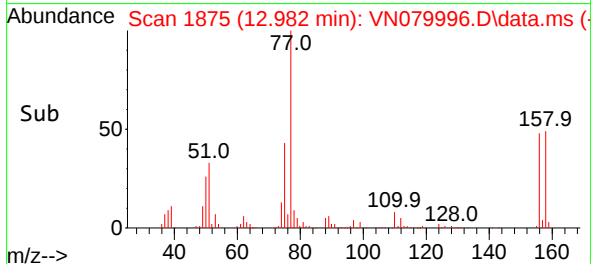
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



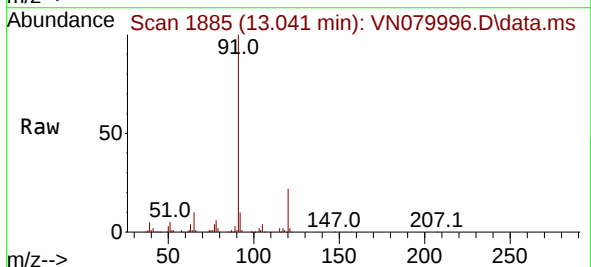
Tgt Ion:156 Resp: 10376
Ion Ratio Lower Upper
156 100
77 234.4 0.0 448.2
158 98.6 0.0 194.8

Manual Integrations
APPROVED

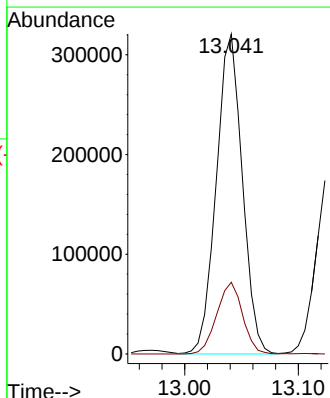
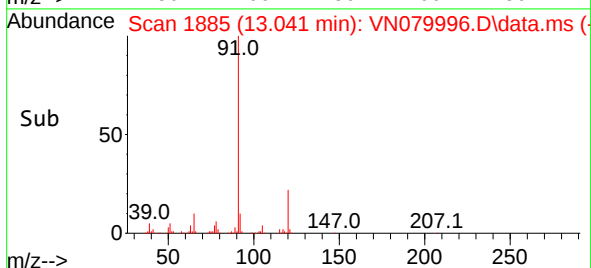
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

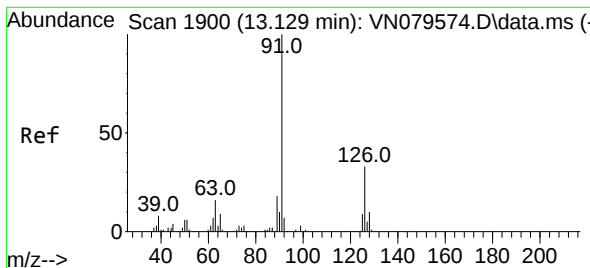


#74
n-propylbenzene
Concen: 20.223 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33



Tgt Ion: 91 Resp: 511055
Ion Ratio Lower Upper
91 100
120 22.1 0.0 42.0





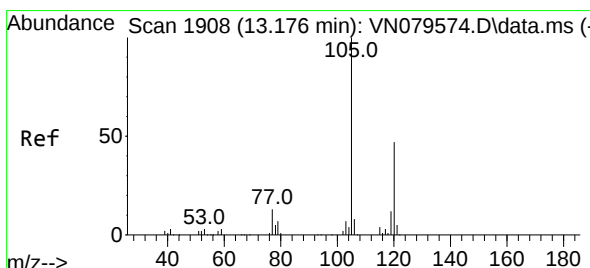
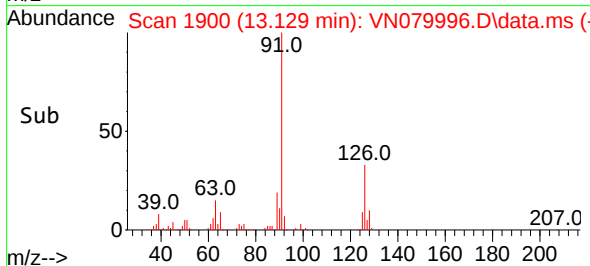
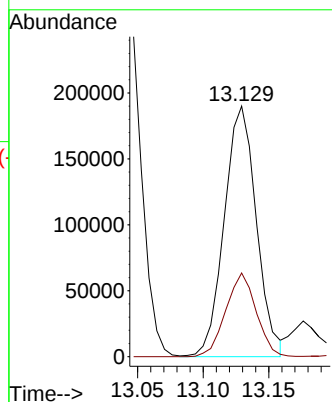
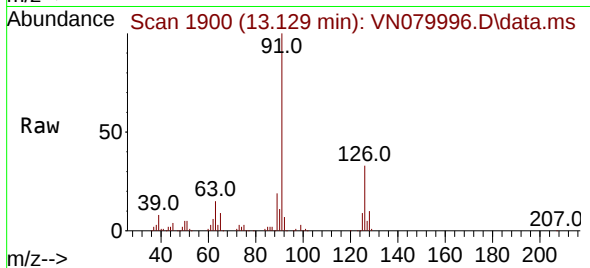
#75
2-Chlorotoluene
Concen: 20.153 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

Tgt Ion: 91 Resp: 32371
Ion Ratio Lower Upper
91 100
126 31.6 0.0 64.6

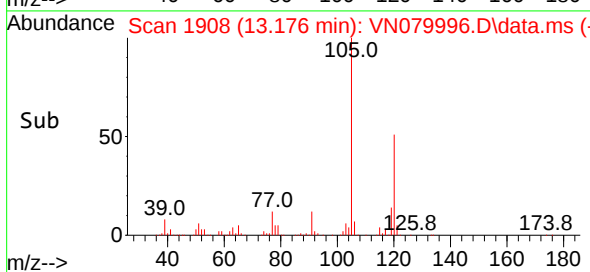
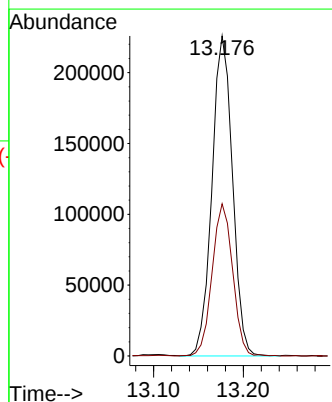
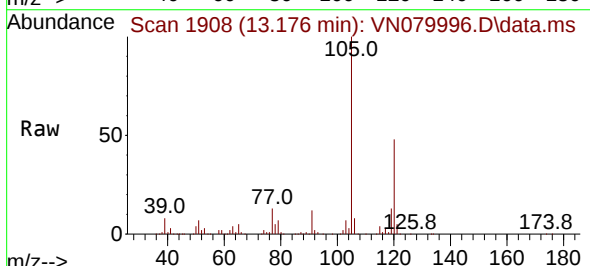
Manual Integrations
APPROVED

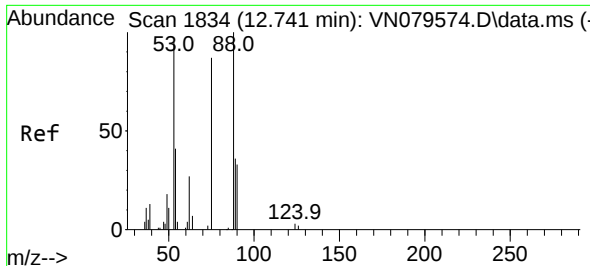
Reviewed By :John Carbone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.564 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

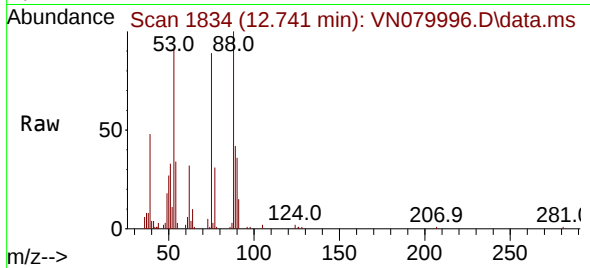
Tgt Ion:105 Resp: 359299
Ion Ratio Lower Upper
105 100
120 47.2 0.0 93.2





#77
t-1,4-Dichloro-2-butene
Concen: 19.223 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

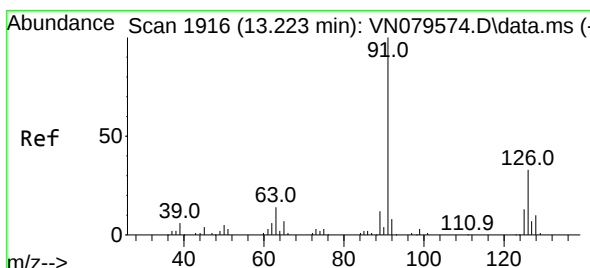
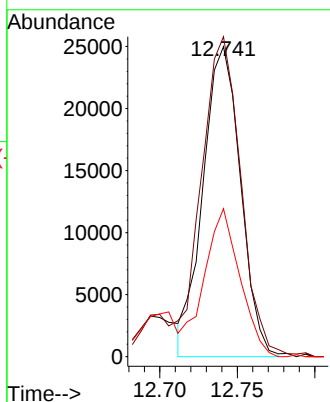
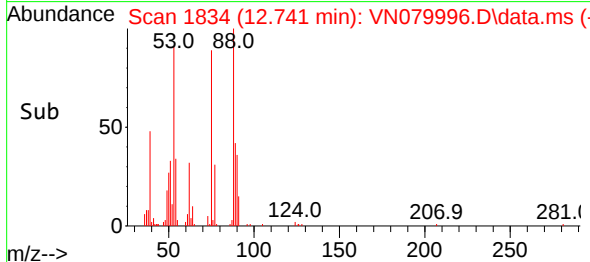
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion: 75 Resp: 4208
Ion Ratio Lower Upper
75 100
53 101.9 53.0 159.1
89 48.2 22.6 67.7

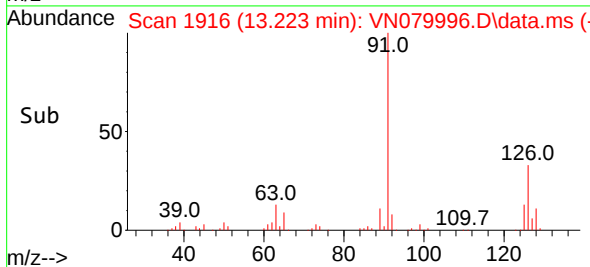
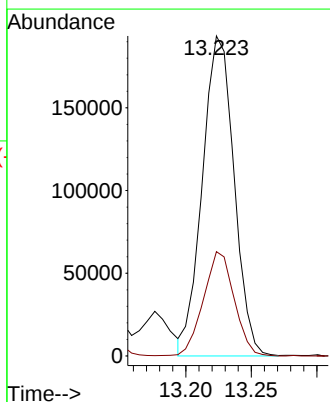
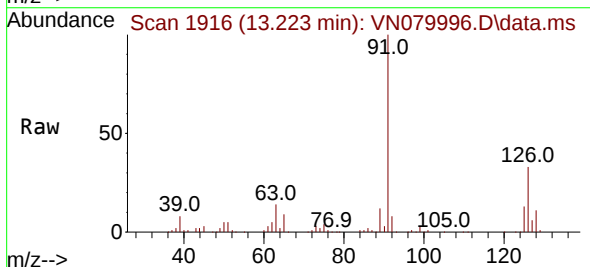
Manual Integrations
APPROVED

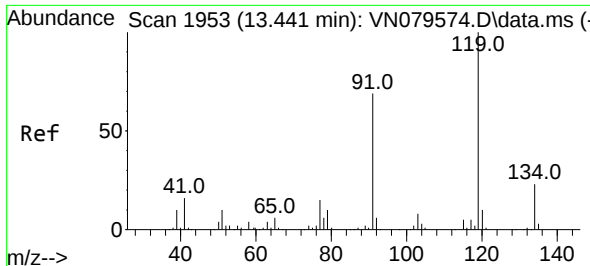
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#78
4-Chlorotoluene
Concen: 20.422 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Tgt Ion: 91 Resp: 325808
Ion Ratio Lower Upper
91 100
126 31.5 0.0 65.4





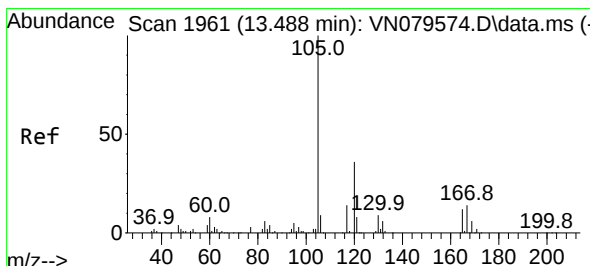
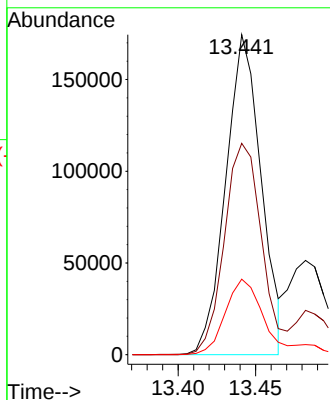
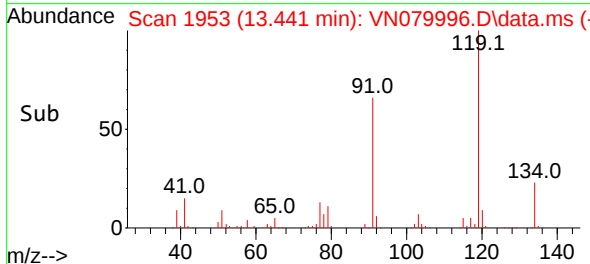
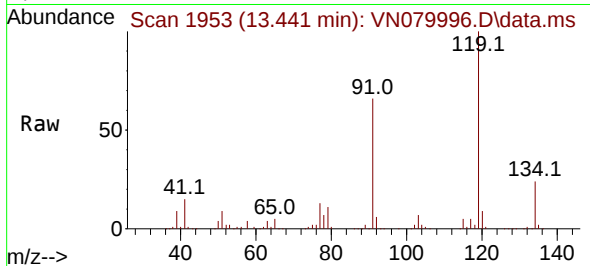
#79
tert-butylbenzene
Concen: 20.251 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

Tgt Ion:119 Resp: 277107
Ion Ratio Lower Upper
119 100
91 69.8 0.0 140.6
134 24.6 0.0 49.8

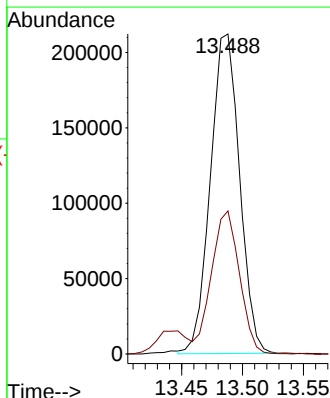
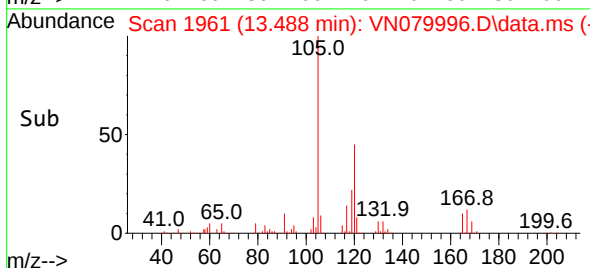
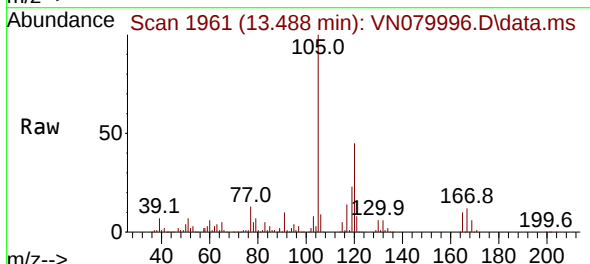
Manual Integrations
APPROVED

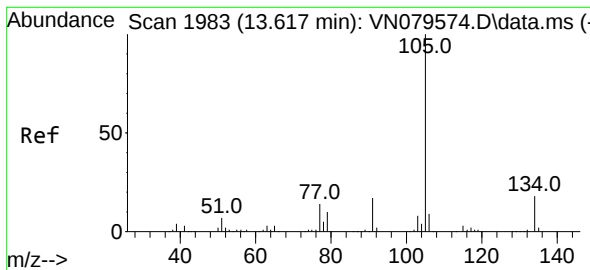
Reviewed By :John Carbone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.670 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

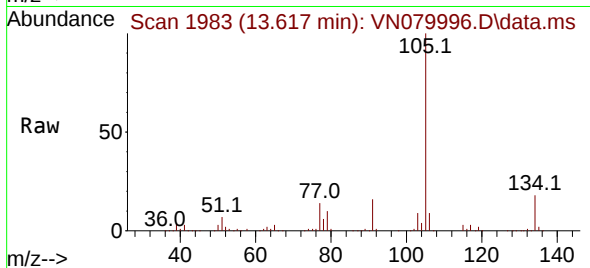
Tgt Ion:105 Resp: 354133
Ion Ratio Lower Upper
105 100
120 42.9 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 20.105 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079996.D
 Acq: 08 Nov 2023 17:33

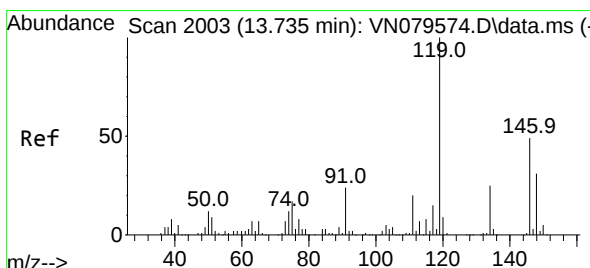
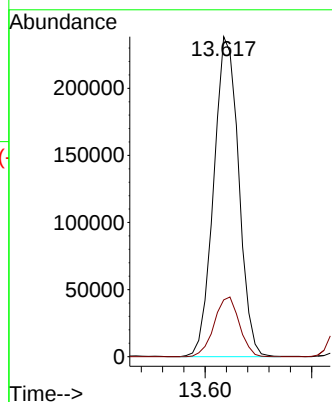
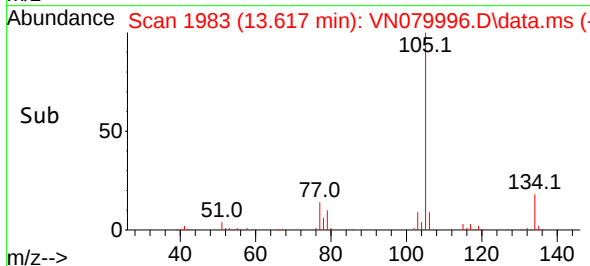
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBS01



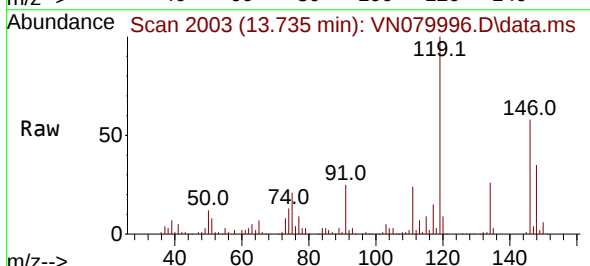
Tgt Ion:105 Resp: 38834
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 38.2

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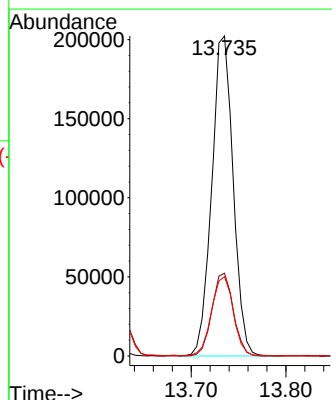
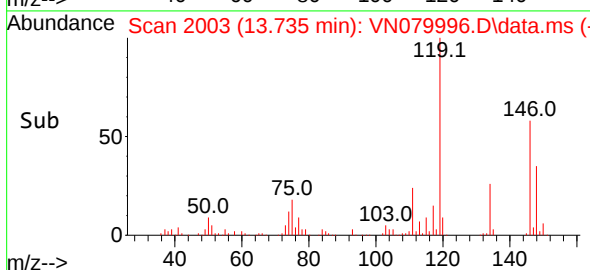
Reviewed By :John Carlone 11/09/2023
 Supervised By :Semsettin Yesilyurt 11/09/2023

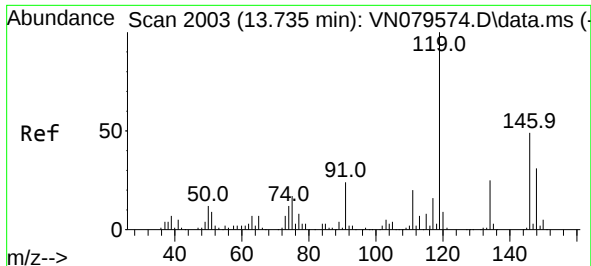


#82
 p-Isopropyltoluene
 Concen: 20.248 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079996.D
 Acq: 08 Nov 2023 17:33



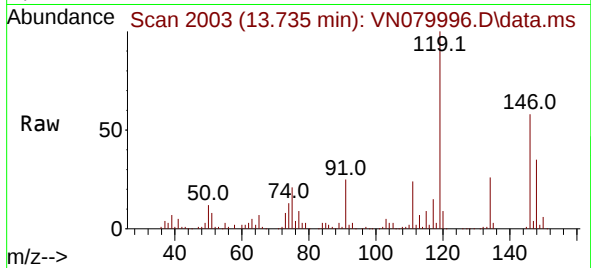
Tgt Ion:119 Resp: 317621
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.2
 91 25.3 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 20.222 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

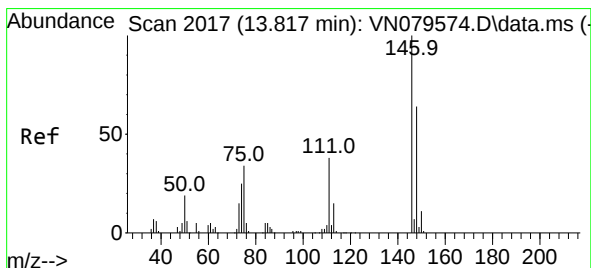
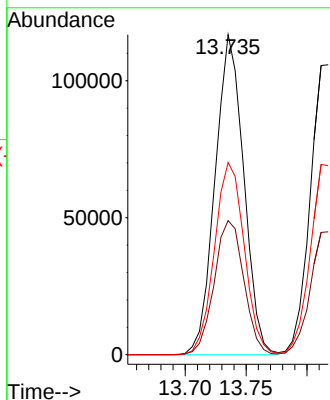
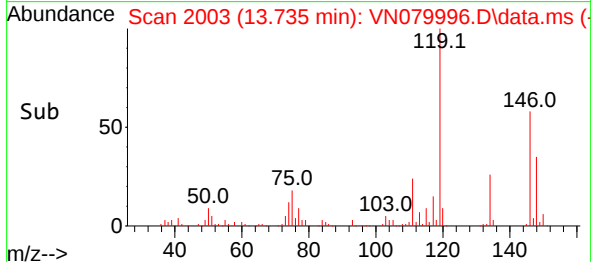
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



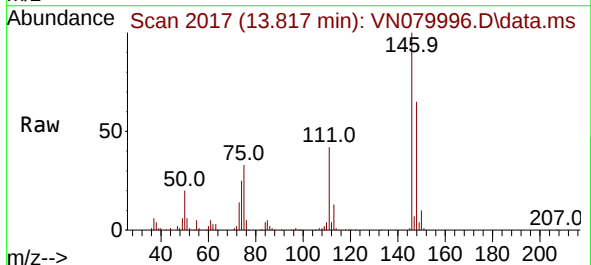
Tgt Ion:146 Resp: 191372
Ion Ratio Lower Upper
146 100
111 43.4 21.0 63.0
148 62.6 32.4 97.0

Manual Integrations
APPROVED

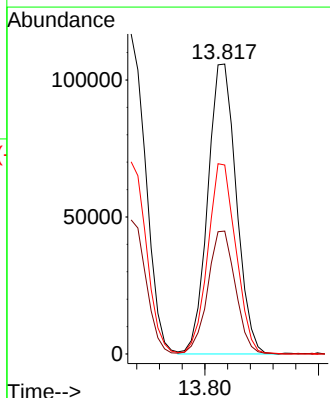
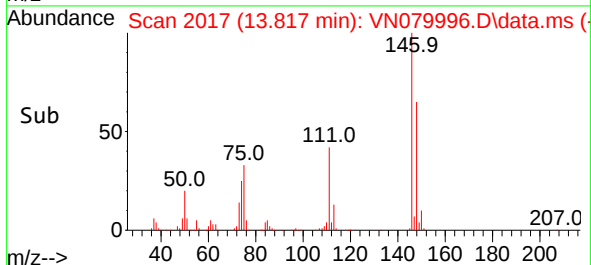
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

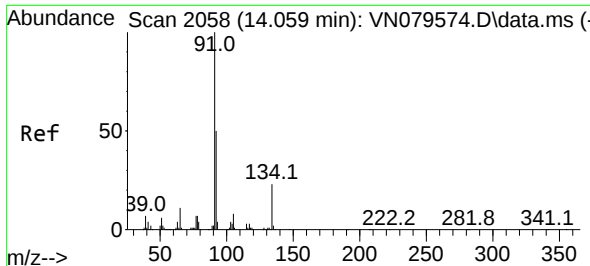


#84
1,4-Dichlorobenzene
Concen: 19.846 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33



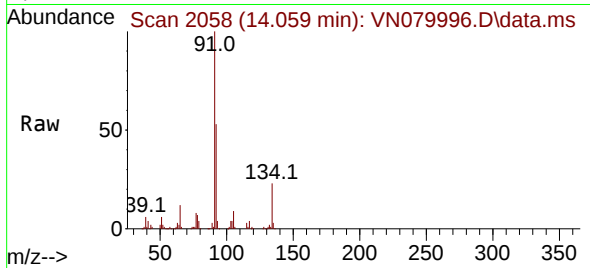
Tgt Ion:146 Resp: 184343
Ion Ratio Lower Upper
146 100
111 41.2 19.9 59.7
148 64.7 32.6 97.7





#85
n-Butylbenzene
Concen: 19.313 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

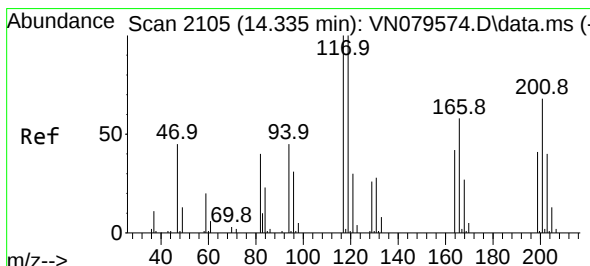
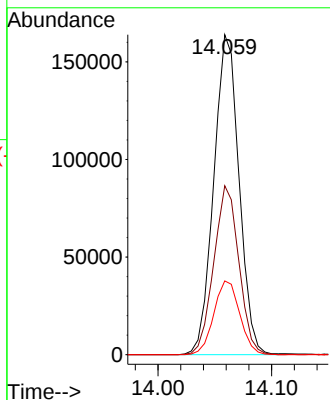
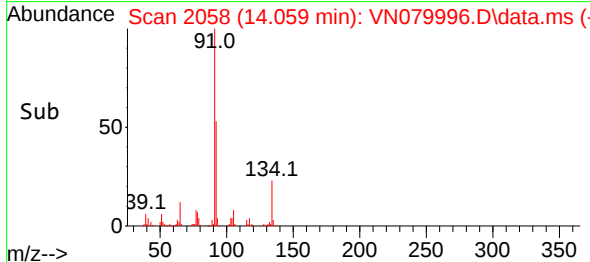
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion: 91 Resp: 25338
Ion Ratio Lower Upper
91 100
92 52.4 0.0 99.6
134 23.6 0.0 46.2

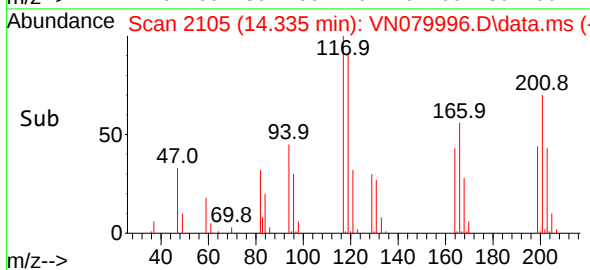
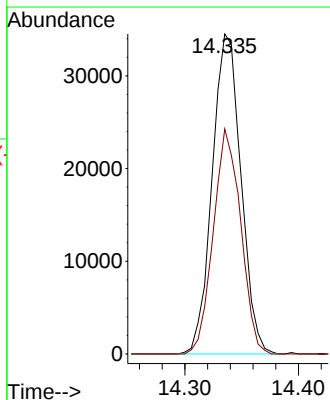
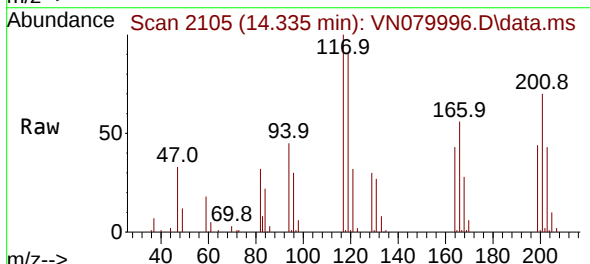
Manual Integrations
APPROVED

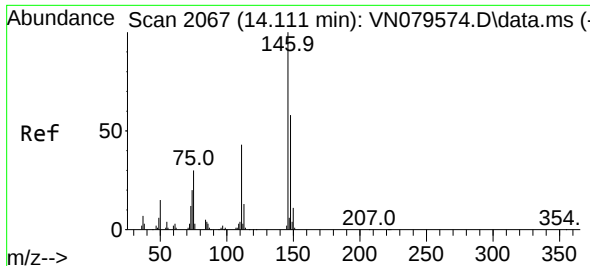
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#86
Hexachloroethane
Concen: 19.909 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Tgt Ion:117 Resp: 60731
Ion Ratio Lower Upper
117 100
201 66.9 32.5 97.5





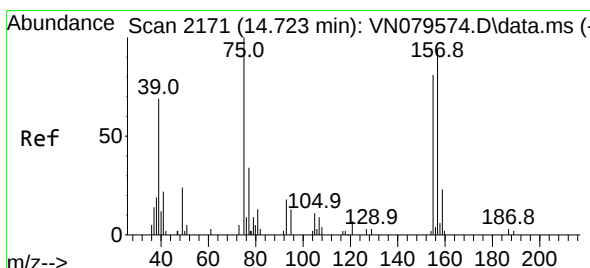
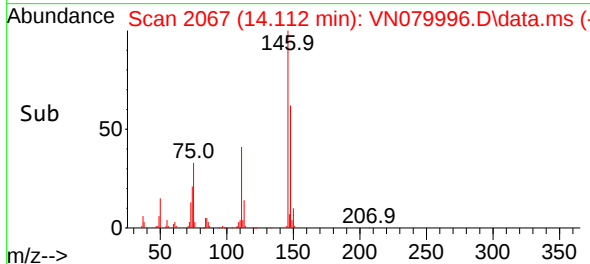
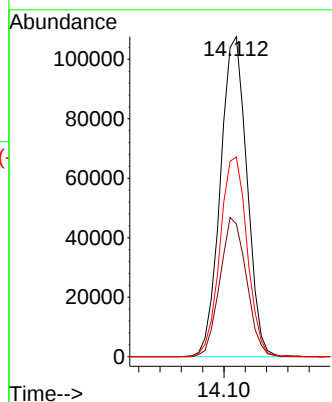
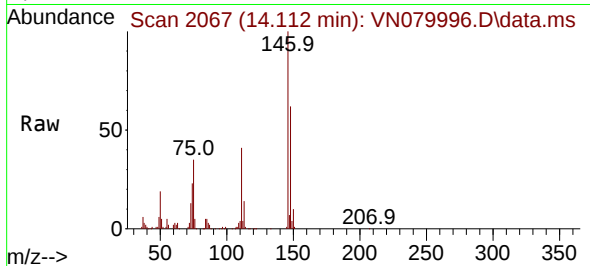
#87
1,2-Dichlorobenzene
Concen: 20.596 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

Tgt Ion:146 Resp: 18620
Ion Ratio Lower Upper
146 100
111 43.5 22.0 66.0
148 63.9 31.1 93.5

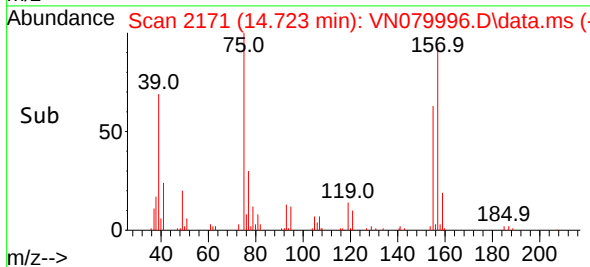
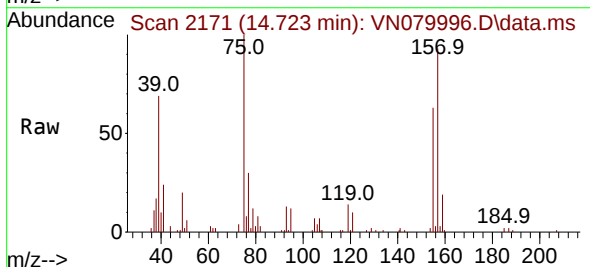
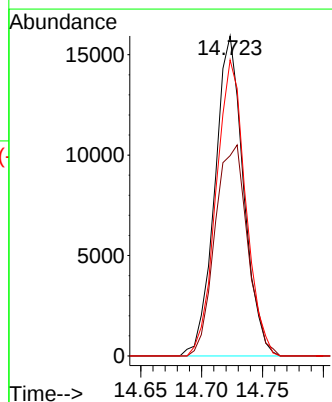
Manual Integrations
APPROVED

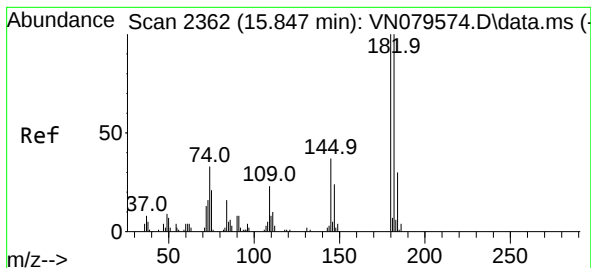
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.854 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Tgt Ion: 75 Resp: 26124
Ion Ratio Lower Upper
75 100
155 75.0 60.7 91.1
157 94.5 76.8 115.2





#89

1,2,4-Trichlorobenzene

Concen: 19.059 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN079996.D

Acq: 08 Nov 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

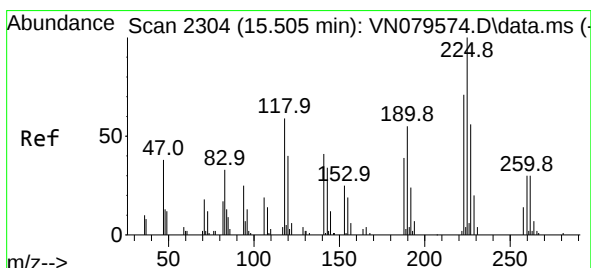
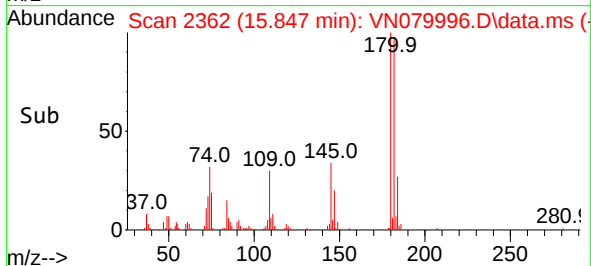
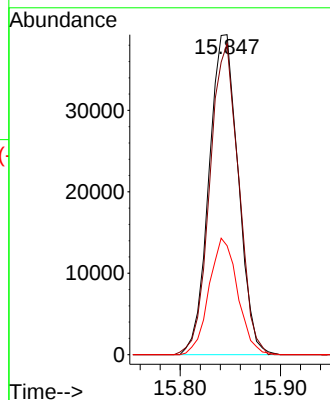
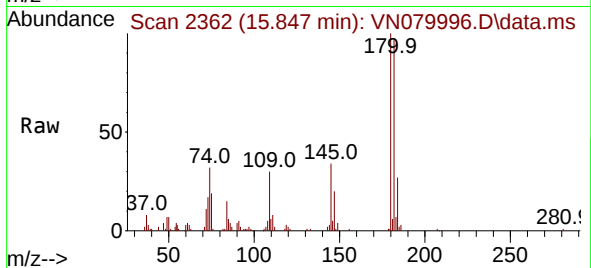
Tgt Ion:	180	Resp:	7982
Ion Ratio	Lower	Upper	
180	100		
182	95.3	74.2	111.4
145	35.6	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#90

Hexachlorobutadiene

Concen: 19.893 ug/l

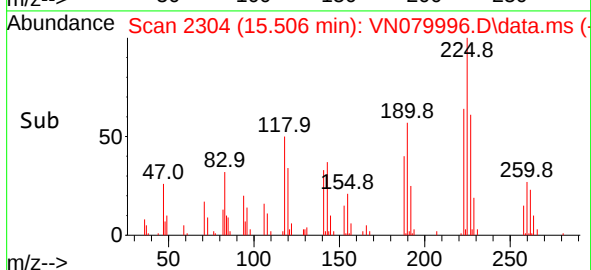
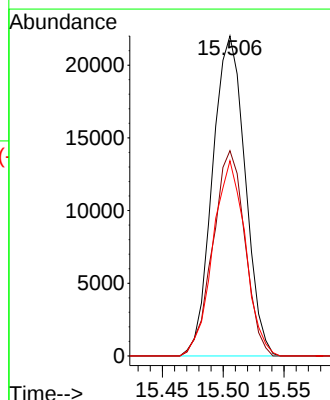
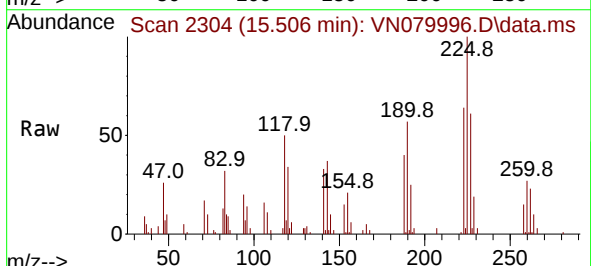
RT: 15.506 min Scan# 2304

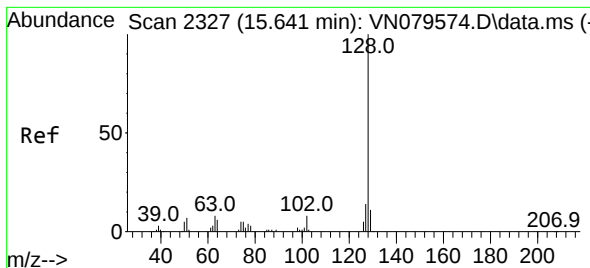
Delta R.T. 0.001 min

Lab File: VN079996.D

Acq: 08 Nov 2023 17:33

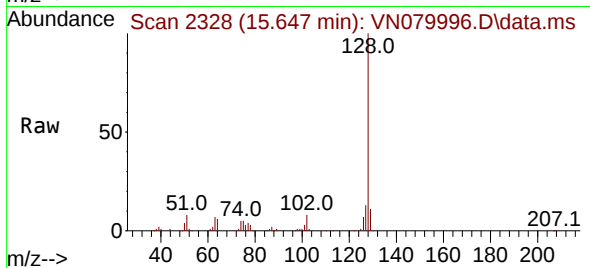
Tgt Ion:	225	Resp:	41063
Ion Ratio	Lower	Upper	
225	100		
223	62.9	0.0	126.0
227	60.6	0.0	127.0





#91
Naphthalene
Concen: 18.094 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

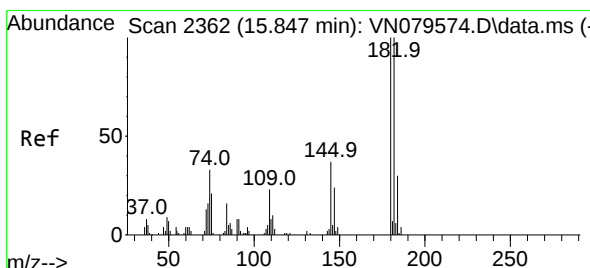
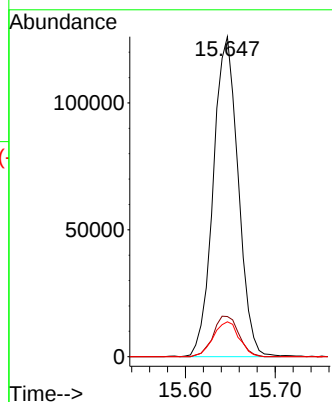
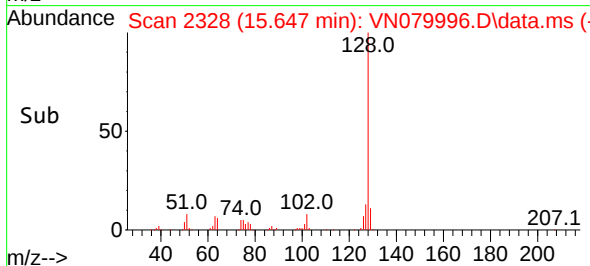
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion:128 Resp: 243200
Ion Ratio Lower Upper
128 100
127 13.1 10.9 16.3
129 11.3 8.6 12.8

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 19.059 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079996.D
Acq: 08 Nov 2023 17:33

Tgt Ion:180 Resp: 79827
Ion Ratio Lower Upper
180 100
182 95.3 0.0 185.6
145 35.6 0.0 63.6

