

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090723\
 Data File : VN079178.D
 Acq On : 07 Sep 2023 16:42
 Operator : JC\MD
 Sample : VN0907WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/08/2023
 Supervised By : Semsettin Yesilyurt 09/08/2023

Quant Time: Sep 08 05:42:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	28816	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	155865	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	143926	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	65406	30.211	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.700%			
60) 4-Bromofluorobenzene	12.859	95	57762	27.238	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 90.800%			
63) Toluene-d8	10.577	98	198272	29.478	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.267%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	29261	18.207	ug/l	95
3) Chloromethane	2.365	50	21775	13.512	ug/l	99
4) Vinyl Chloride	2.512	62	23795	14.924	ug/l	93
5) Bromomethane	2.948	94	16536	16.898	ug/l	99
6) Chloroethane	3.112	64	16338	16.732	ug/l #	73
7) Trichlorofluoromethane	3.495	101	33166	17.473	ug/l	89
8) Diethyl Ether	3.965	74	13297	19.106	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	19154m	18.311	ug/l	
10) 1,1-Dichloroethene	4.336	96	18660	18.411	ug/l	96
11) Methyl Iodide	4.589	142	24529	19.213	ug/l	96
12) Methyl Acetate	5.036	43	52142	22.075	ug/l	95
13) Acrolein	4.189	56	18072	84.007	ug/l	97
14) Acrylonitrile	5.730	53	103355m	149.148	ug/l	
15) Acetone	4.436	58	19139	105.874	ug/l	95
16) Carbon Disulfide	4.712	76	53427	17.839	ug/l	98
17) Allyl chloride	5.024	41	31701	19.465	ug/l	95
18) Methylene Chloride	5.277	84	37610	27.666	ug/l	93
19) trans-1,2-Dichloroethene	5.789	96	31467	24.814	ug/l	98
20) Diisopropyl ether	6.683	45	109285	22.477	ug/l	94
21) 1,1-Dichloroethane	6.577	63	61333	21.533	ug/l	99
22) cis-1,2-Dichloroethene	7.494	96	38919	19.625	ug/l	99
23) tert-Butyl Alcohol	5.536	59	37018	138.862	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	105681	26.419	ug/l	99
25) Chloroform	7.971	83	64041	18.645	ug/l	96
26) Cyclohexane	8.265	56	45894	17.768	ug/l #	100
29) 1,1-Dichloropropene	8.377	75	44254	17.709	ug/l	98
30) 2-Butanone	7.494	43	132278	105.237	ug/l	99
31) 2,2-Dichloropropane	7.494	77	47661	19.120	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	52339	17.777	ug/l	99
33) Carbon Tetrachloride	8.371	117	45708	18.073	ug/l	98
34) Benzene	8.612	78	144679	18.222	ug/l	99
35) Methacrylonitrile	7.794	41	26838	19.830	ug/l	95
36) 1,2-Dichloroethane	8.677	62	48508	18.525	ug/l	99
37) Trichloroethene	9.359	130	33770	17.995	ug/l	97
38) Methylcyclohexane	9.606	83	44980	18.004	ug/l	98
39) 1,2-Dichloropropane	9.624	63	39209	19.144	ug/l	100
40) Dibromomethane	9.718	93	25522	18.896	ug/l	98
41) Bromodichloromethane	9.894	83	51033	18.955	ug/l	97
42) Vinyl Acetate	6.612	43	343430	115.048	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	54385	22.782	ug/l	99
44) Isopropyl Acetate	8.700	43	82301	19.165	ug/l	99
45) 1,4-Dioxane	9.700	88	17616	412.117	ug/l	97
46) Methyl methacrylate	9.688	41	37801	19.703	ug/l	97
47) n-amyl Acetate	12.500	43	60888	20.161	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	51833	17.795	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	58787	19.349	ug/l	97
50) 1,1,2-Trichloroethane	11.024	97	37470	19.775	ug/l	96
51) Ethyl methacrylate	10.882	69	55896	19.102	ug/l	98
52) 1,3-Dichloropropane	11.171	76	64347	19.892	ug/l	99
53) Dibromochloromethane	11.365	129	38759	19.503	ug/l	100
54) 1,2-Dibromoethane	11.476	107	36865	19.160	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	118328	113.803	ug/l	99
56) Bromoform	12.576	173	22505	16.252	ug/l	96
58) 4-Methyl-2-Pentanone	10.453	43	267537	101.297	ug/l	100
59) 2-Hexanone	11.200	43	193094	104.103	ug/l	99
61) Tetrachloroethene	11.112	164	29043	18.545	ug/l	95
62) Toluene	10.635	91	154279	18.410	ug/l	100
64) Chlorobenzene	11.900	112	90288	18.468	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.965	131	35082	18.744	ug/l	97
66) Ethyl Benzene	11.971	91	157096	18.618	ug/l	99
67) m/p-Xylenes	12.076	106	119817	37.739	ug/l	100
68) o-Xylene	12.406	106	59299	19.367	ug/l	98
69) Styrene	12.418	104	96032	19.664	ug/l	99
70) Isopropylbenzene	12.706	105	136873	17.587	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	57155	19.632	ug/l	98
72) 1,2,3-Trichloropropane	13.000	75	47261m	19.293	ug/l	
73) Bromobenzene	12.988	156	36550	18.801	ug/l	99
74) n-propylbenzene	13.041	91	169646	19.131	ug/l	99
75) 2-Chlorotoluene	13.129	91	108544	19.090	ug/l	98
76) 1,3,5-Trimethylbenzene	13.182	105	123319	19.164	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	13928	16.149	ug/l	90
78) 4-Chlorotoluene	13.229	91	101790	18.959	ug/l	98
79) tert-butylbenzene	13.447	119	101891	19.290	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	119470	19.440	ug/l	99
81) sec-Butylbenzene	13.623	105	137421	19.015	ug/l	98
82) p-Isopropyltoluene	13.735	119	112423	19.694	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	60268	19.520	ug/l	98
84) 1,4-Dichlorobenzene	13.818	146	57623	19.900	ug/l	100
85) n-Butylbenzene	14.065	91	85474	19.659	ug/l	100
86) Hexachloroethane	14.341	117	21594	19.106	ug/l	99
87) 1,2-Dichlorobenzene	14.112	146	61156	20.072	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	10444	21.223	ug/l	98
89) 1,2,4-Trichlorobenzene	15.847	180	25947	19.901	ug/l	99
90) Hexachlorobutadiene	15.506	225	14894	18.807	ug/l	99
91) Naphthalene	15.647	128	64479	18.925	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	25947	19.901	ug/l	99

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

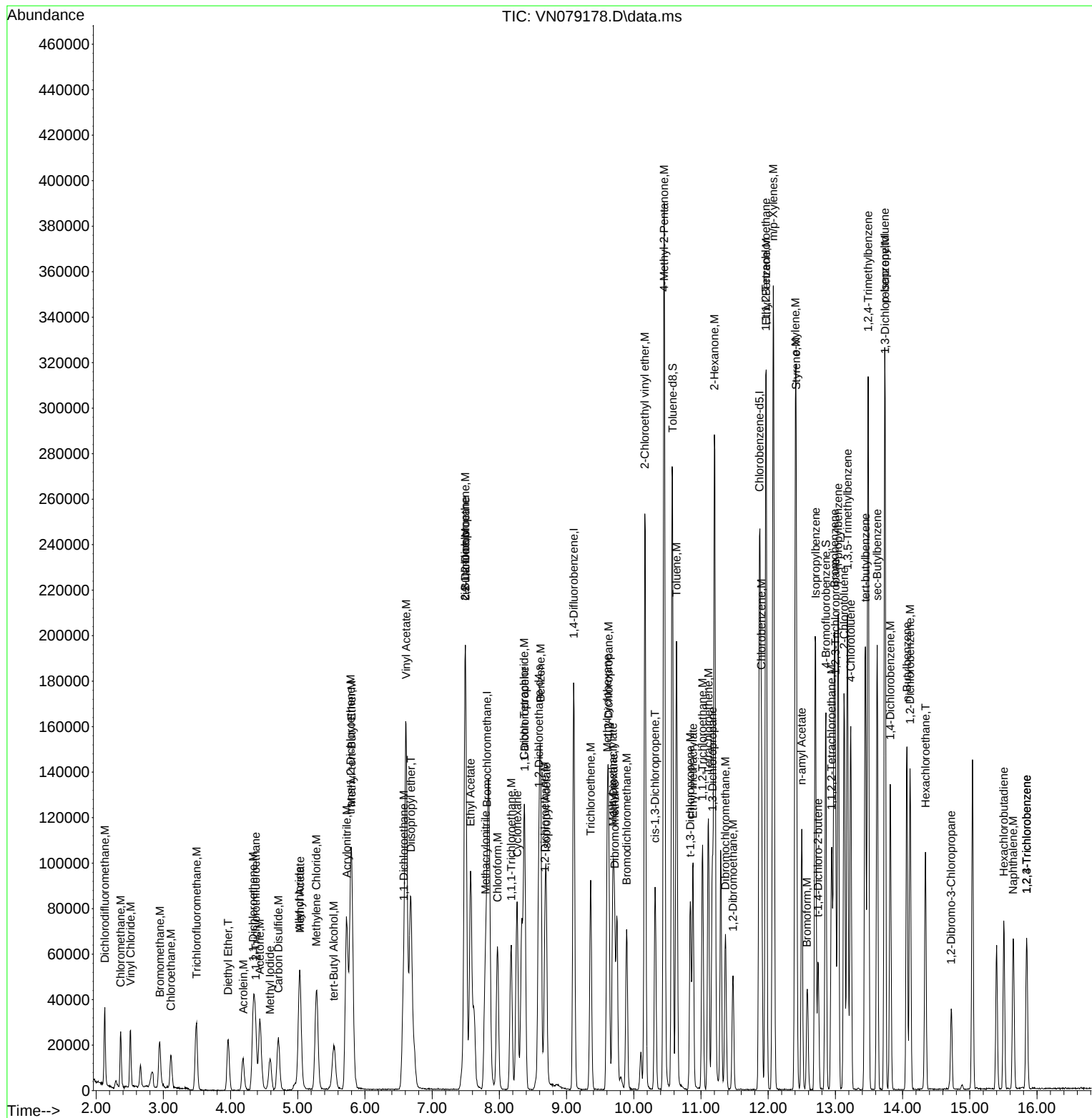
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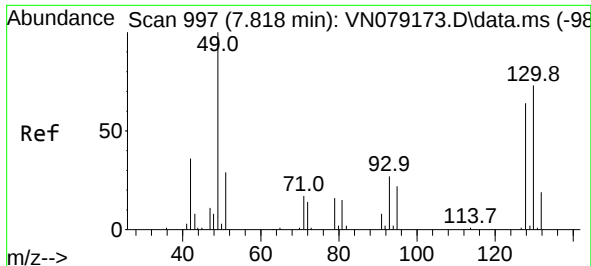
Instrument :
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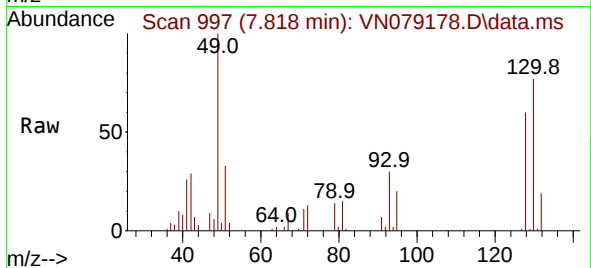
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

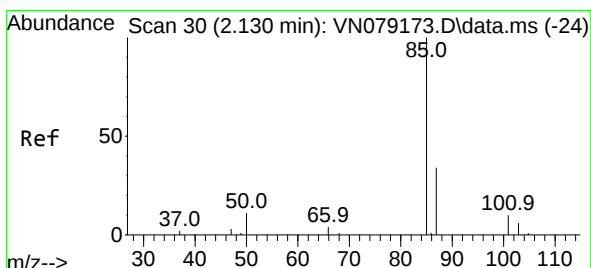
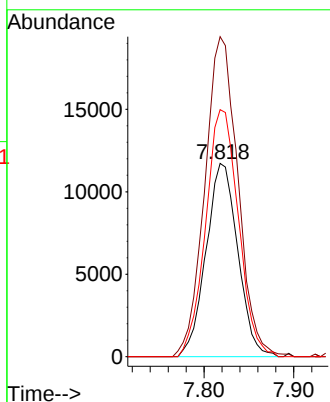
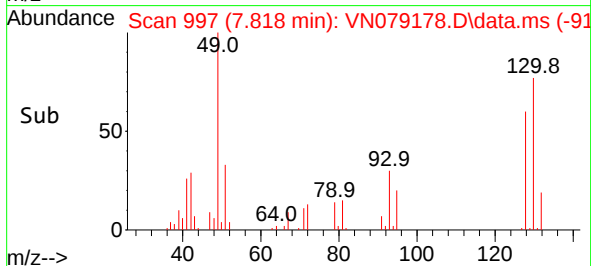
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01



Tgt Ion:128 Resp: 28810
Ion Ratio Lower Upper
128 100
49 172.3 0.0 414.3
130 132.0 0.0 311.0

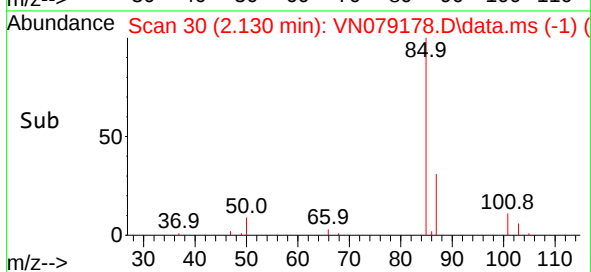
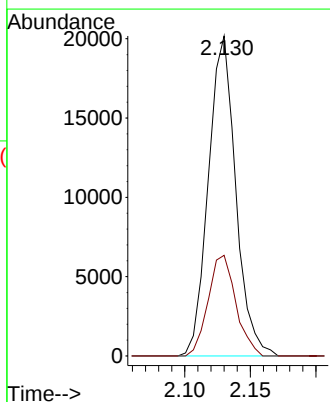
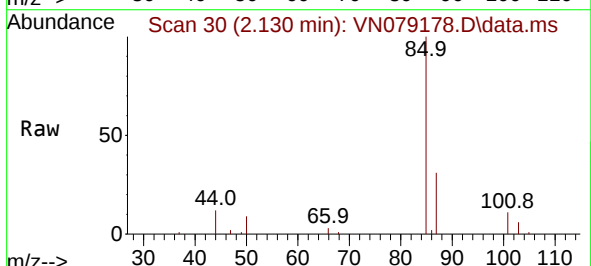
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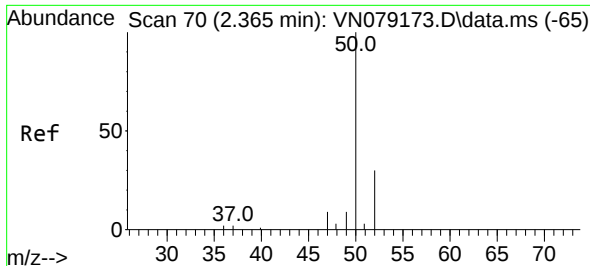
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023



#2
Dichlorodifluoromethane
Concen: 18.207 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

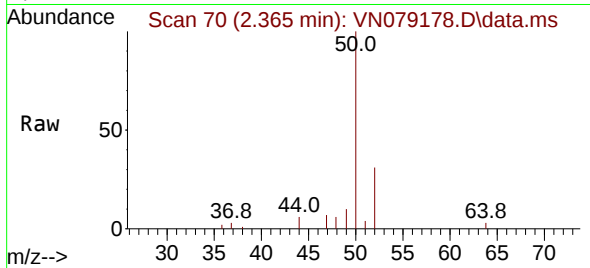
Tgt Ion: 85 Resp: 29261
Ion Ratio Lower Upper
85 100
87 31.5 17.3 51.7





#3
Chloromethane
Concen: 13.512 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

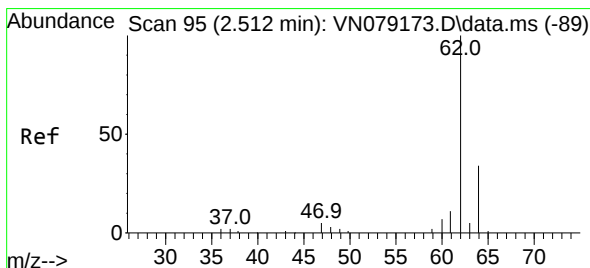
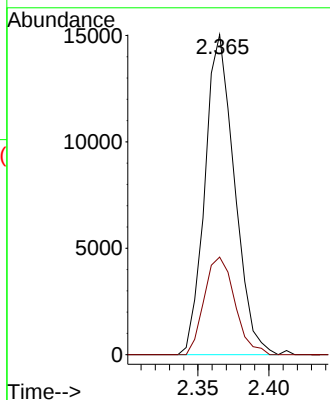
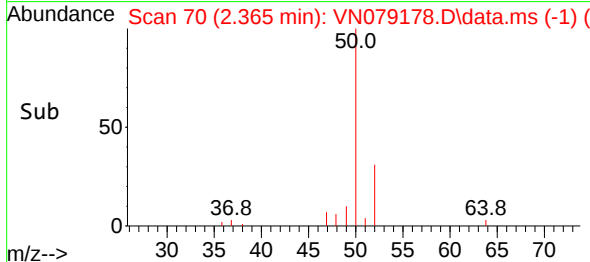
Instrument :
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Tgt Ion: 50 Resp: 21775
Ion Ratio Lower Upper
50 100
52 30.5 24.0 36.0

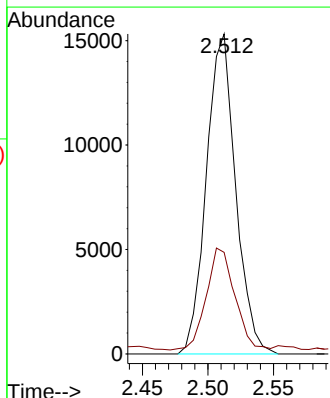
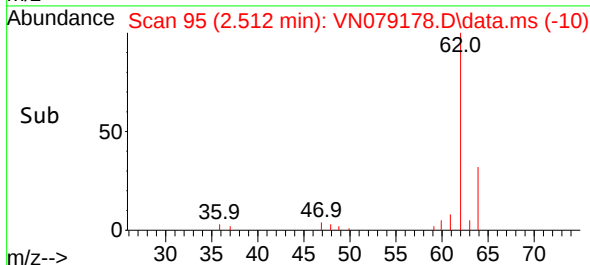
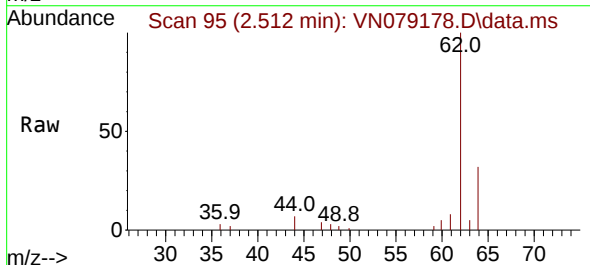
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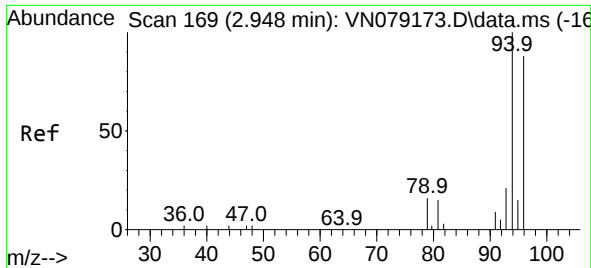
Reviewed By :John Carlone 09/08/2023
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#4
Vinyl Chloride
Concen: 14.924 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

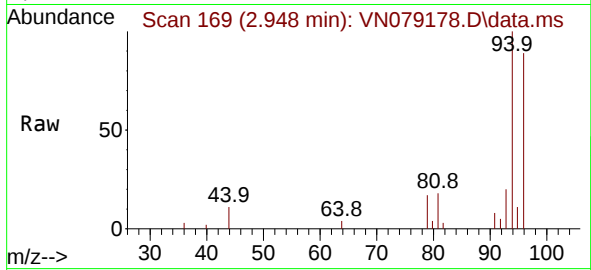
Tgt Ion: 62 Resp: 23795
Ion Ratio Lower Upper
62 100
64 30.1 27.1 40.7





#5
Bromomethane
Concen: 16.898 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

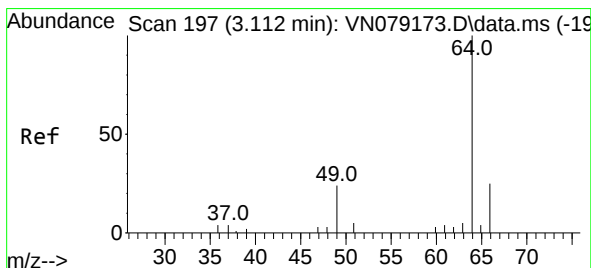
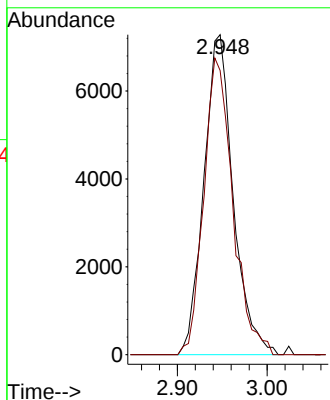
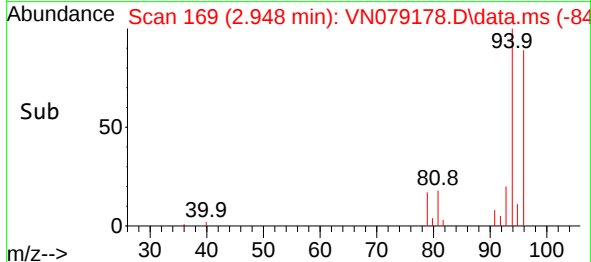
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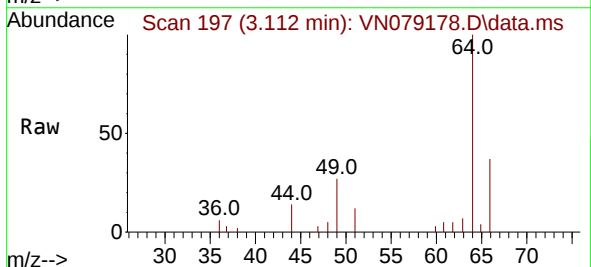
Tgt Ion: 94 Resp: 16530
Ion Ratio Lower Upper
94 100
96 88.8 70.6 105.8

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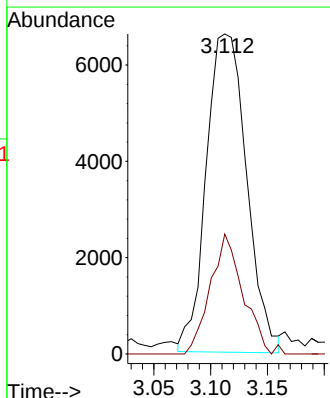
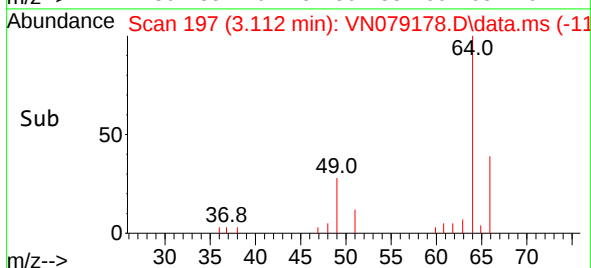
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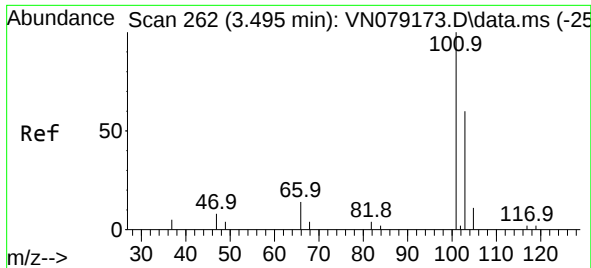


#6
Chloroethane
Concen: 16.732 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42



Tgt Ion: 64 Resp: 16338
Ion Ratio Lower Upper
64 100
66 38.7 20.1 30.1#





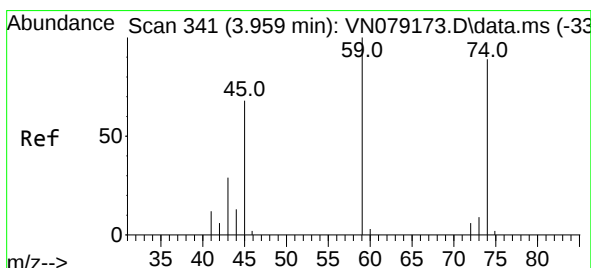
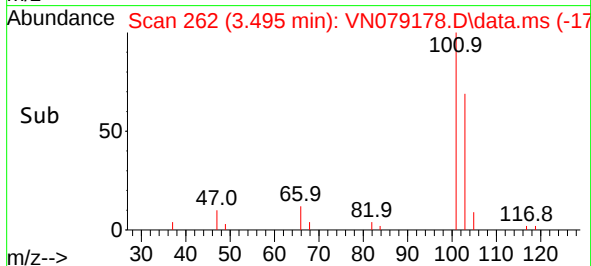
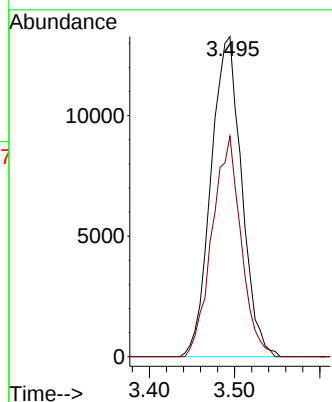
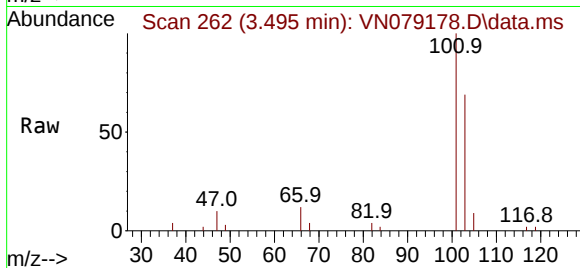
#7
Trichlorofluoromethane
Concen: 17.473 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

Tgt Ion:101 Resp: 33160
Ion Ratio Lower Upper
101 100
103 68.9 48.2 72.4

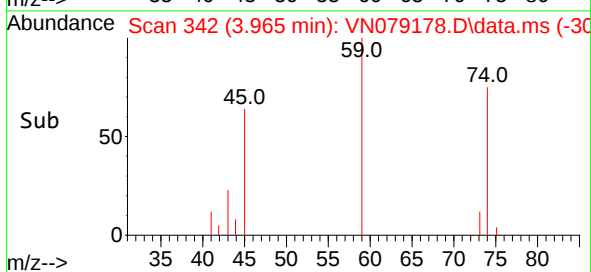
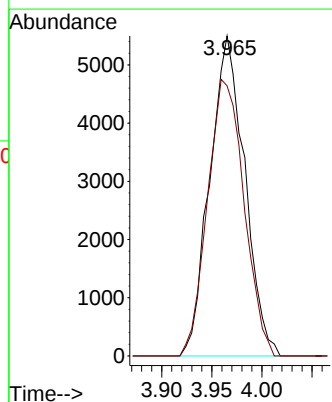
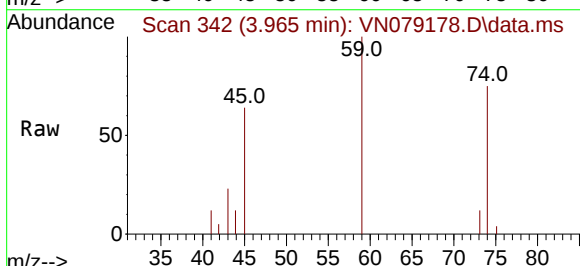
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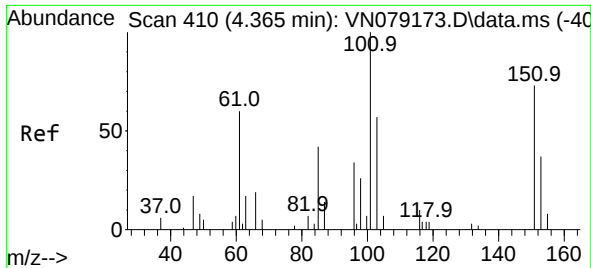
Reviewed By :John Carlone 09/08/2023
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#8
Diethyl Ether
Concen: 19.106 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Tgt Ion: 74 Resp: 13297
Ion Ratio Lower Upper
74 100
45 90.3 17.6 158.0





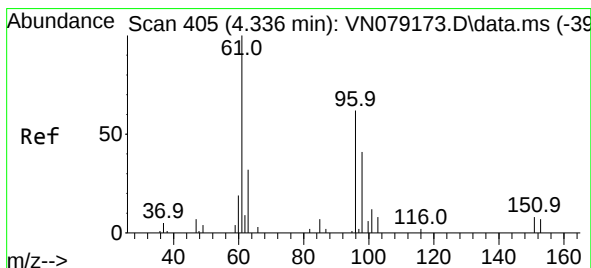
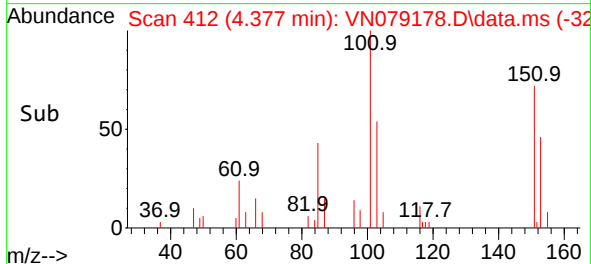
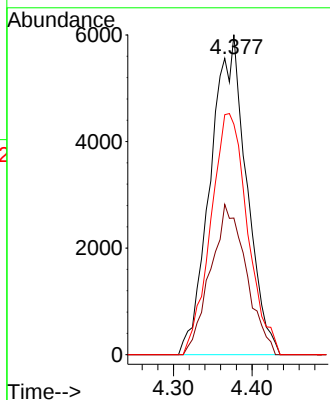
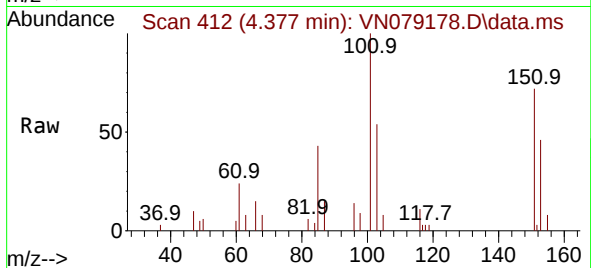
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.311 ug/l m
 RT: 4.377 min Scan# 410
 Delta R.T. 0.012 min
 Lab File: VN079178.D
 Acq: 07 Sep 2023 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBSD01

Tgt Ion:101 Resp: 19154
 Ion Ratio Lower Upper
 101 100
 85 46.5 0.0 85.6
 151 76.9 0.0 155.8

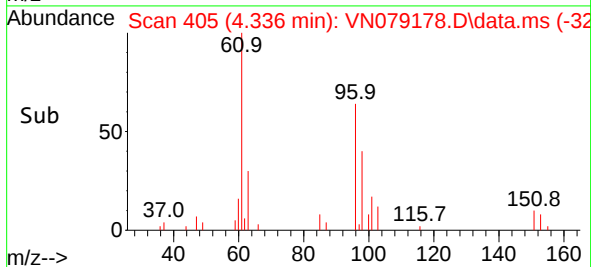
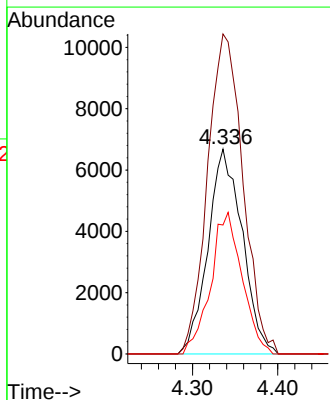
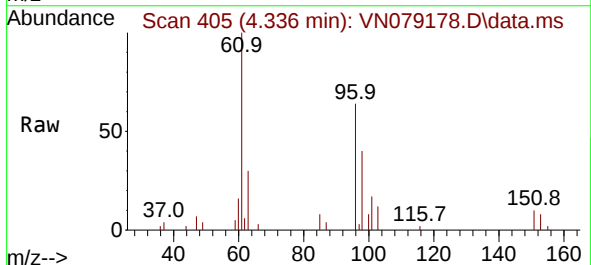
Manual Integrations
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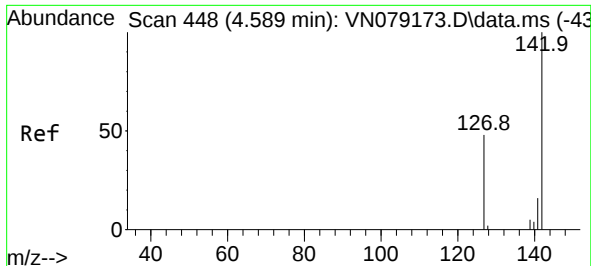
Reviewed By :John Carlone 09/08/2023
 Supervised By :Semsettin Yesilyurt 09/08/2023



#10
 1,1-Dichloroethene
 Concen: 18.411 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VN079178.D
 Acq: 07 Sep 2023 16:42

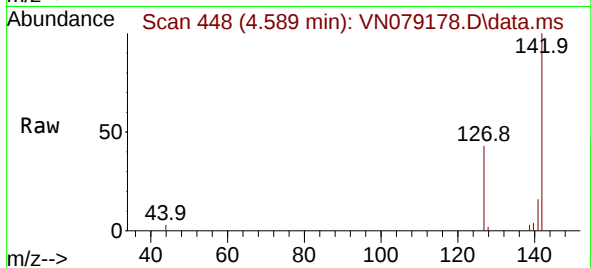
Tgt Ion: 96 Resp: 18660
 Ion Ratio Lower Upper
 96 100
 61 156.2 130.2 195.2
 98 63.0 52.3 78.5





#11
Methyl Iodide
Concen: 19.213 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

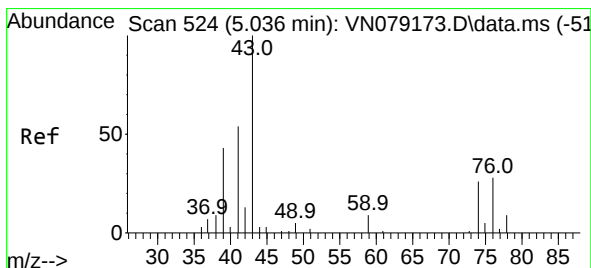
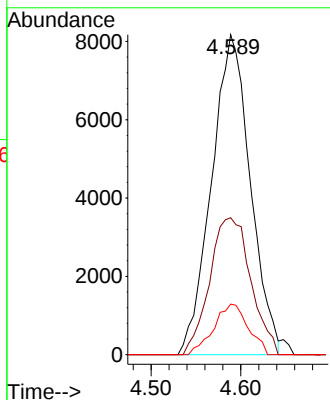
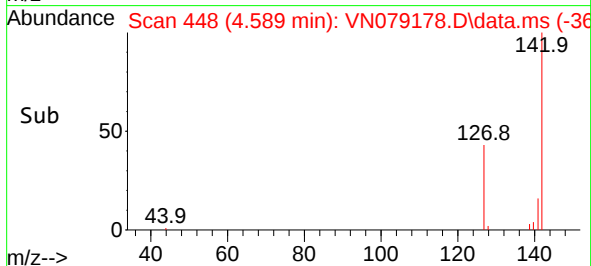
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01



Tgt Ion:142 Resp: 24529
Ion Ratio Lower Upper
142 100
127 43.7 23.8 71.4
141 16.2 8.2 24.6

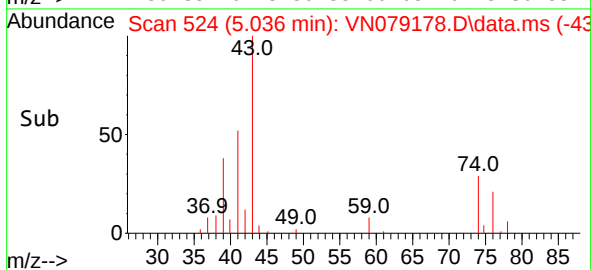
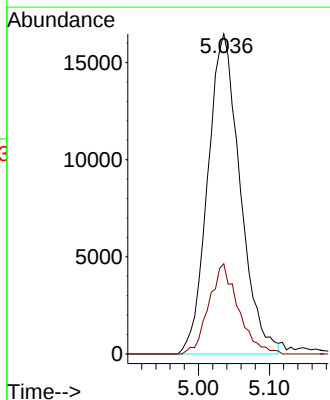
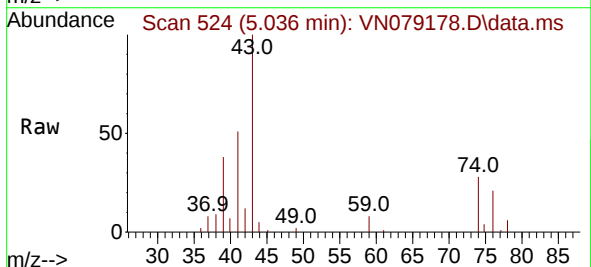
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APPROVED

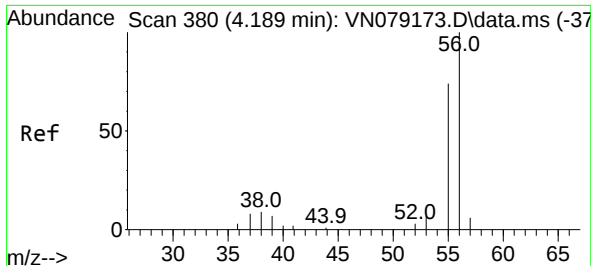
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023



#12
Methyl Acetate
Concen: 22.075 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

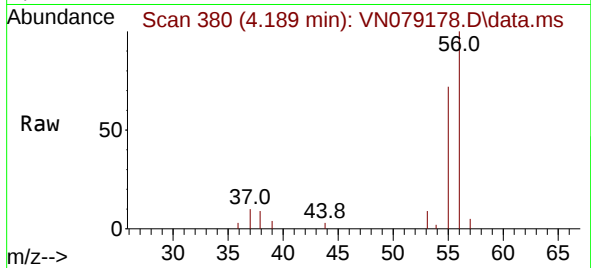
Tgt Ion: 43 Resp: 52142
Ion Ratio Lower Upper
43 100
74 28.2 20.4 30.6





#13
Acrolein
Concen: 84.007 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

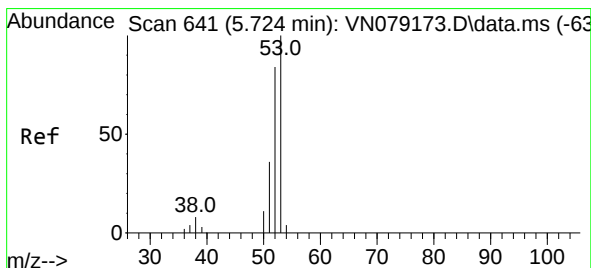
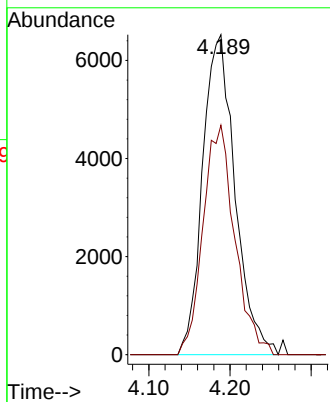
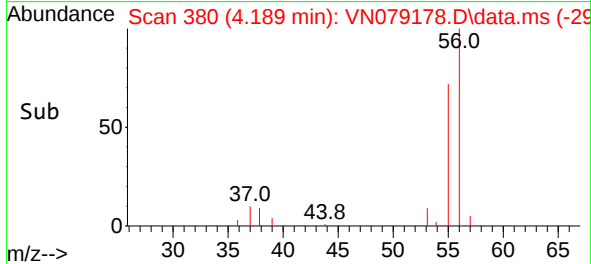
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01



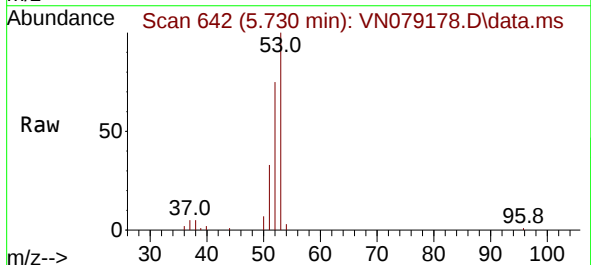
Tgt Ion: 56 Resp: 18072
Ion Ratio Lower Upper
56 100
55 69.4 57.7 86.5

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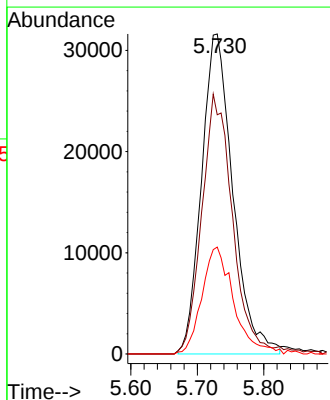
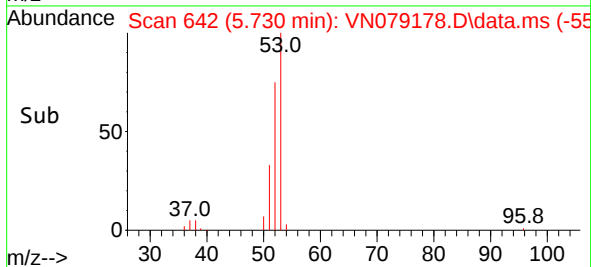
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023

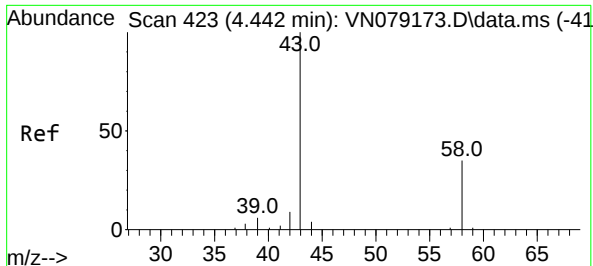


#14
Acrylonitrile
Concen: 149.148 ug/l m
RT: 5.730 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42



Tgt Ion: 53 Resp: 103355
Ion Ratio Lower Upper
53 100
52 78.8 41.4 124.4
51 33.8 17.3 51.9





#15

Acetone

Concen: 105.874 ug/l

RT: 4.436 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN079178.D

Acq: 07 Sep 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

Tgt Ion: 58 Resp: 19139

Ion Ratio Lower Upper

58 100

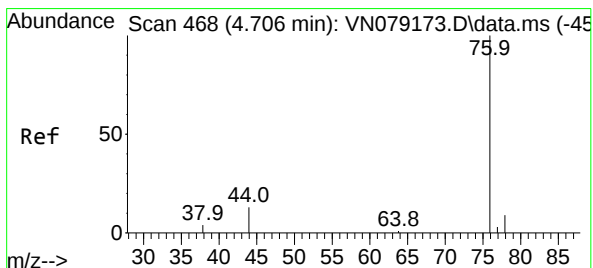
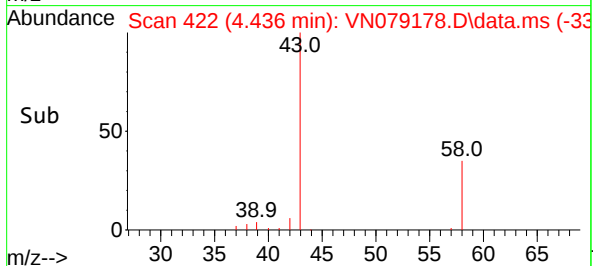
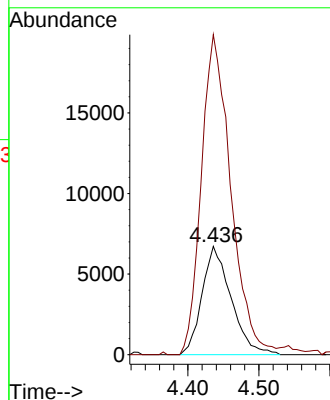
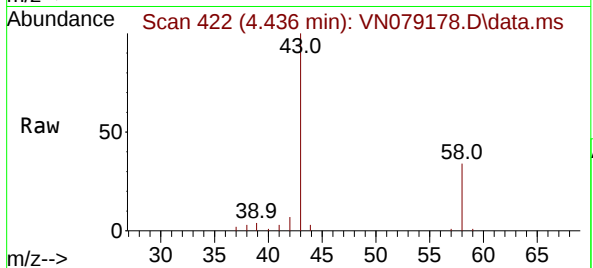
43 295.6 228.3 342.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Semsettin Yesilyurt 09/08/2023



#16

Carbon Disulfide

Concen: 17.839 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN079178.D

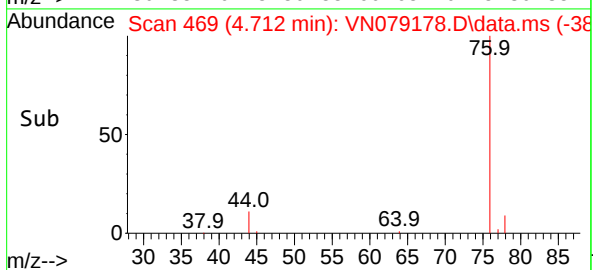
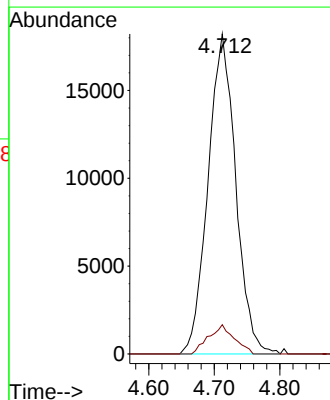
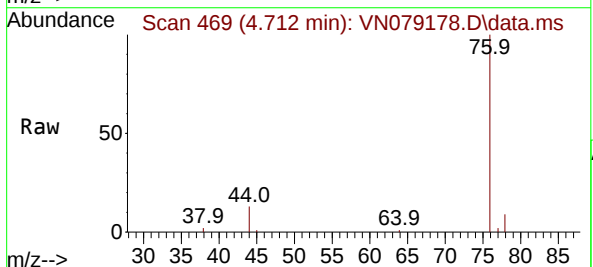
Acq: 07 Sep 2023 16:42

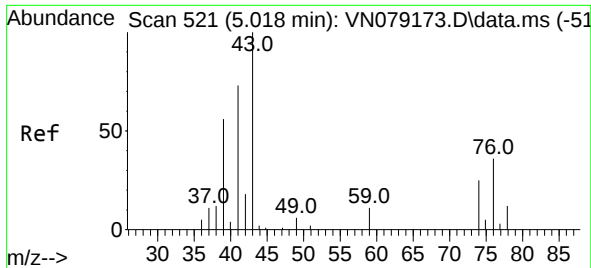
Tgt Ion: 76 Resp: 53427

Ion Ratio Lower Upper

76 100

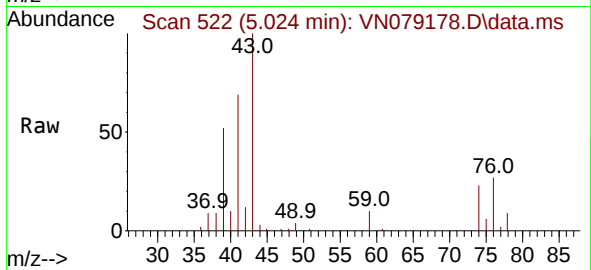
78 9.2 6.9 10.3





#17
 Allyl chloride
 Concen: 19.465 ug/l
 RT: 5.024 min Scan# 517
 Delta R.T. 0.006 min
 Lab File: VN079178.D
 Acq: 07 Sep 2023 16:42

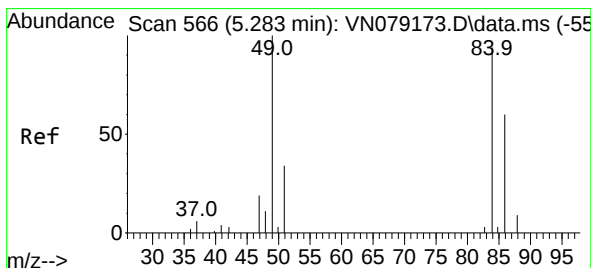
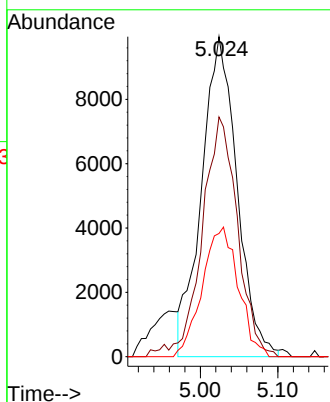
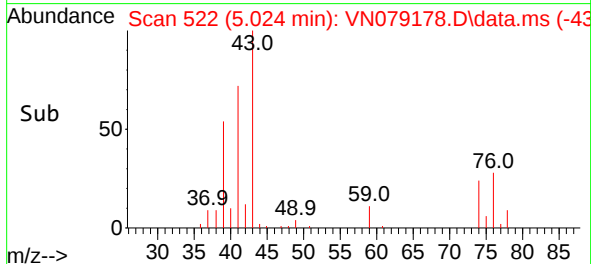
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBSD01



Tgt Ion: 41 Resp: 3170
 Ion Ratio Lower Upper
 41 100
 39 76.4 38.3 114.8
 76 39.3 23.7 71.1

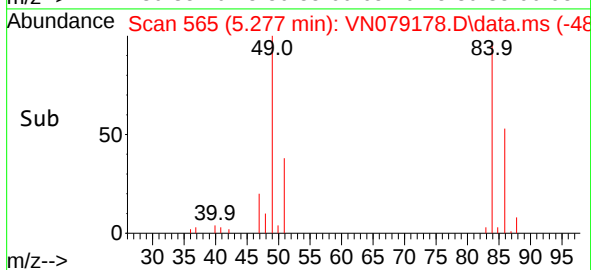
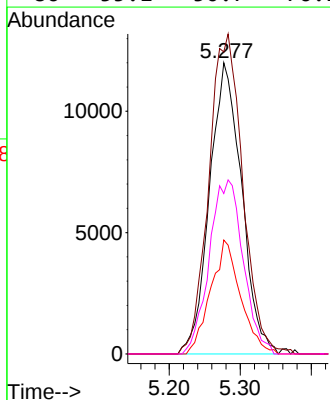
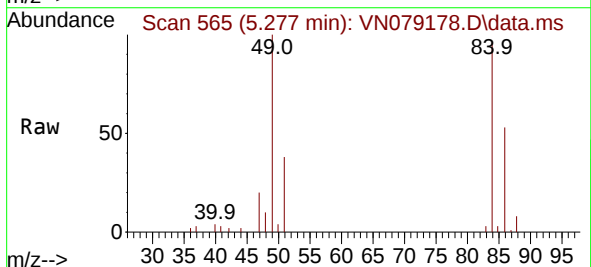
Manual Integrations
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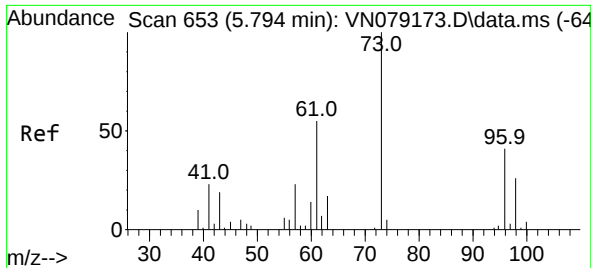
Reviewed By :John Carlone 09/08/2023
 Supervised By :Semsettin Yesilyurt 09/08/2023



#18
 Methylene Chloride
 Concen: 27.666 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: VN079178.D
 Acq: 07 Sep 2023 16:42

Tgt Ion: 84 Resp: 37610
 Ion Ratio Lower Upper
 84 100
 49 103.8 86.9 130.3
 51 39.1 28.6 43.0
 86 55.1 50.7 76.1





#19

trans-1,2-Dichloroethene

Concen: 24.814 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.005 min

Lab File: VN079178.D

Acq: 07 Sep 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

Tgt Ion: 96 Resp: 3146

Ion Ratio Lower Upper

96 100

61 132.3 106.6 159.8

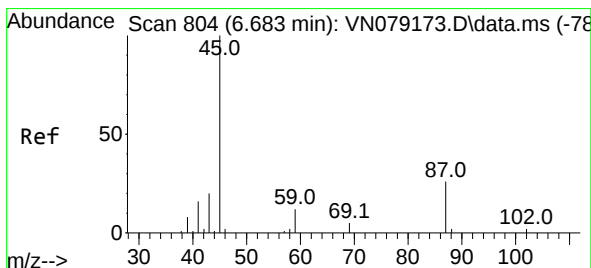
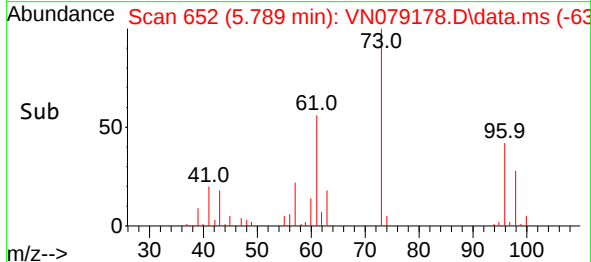
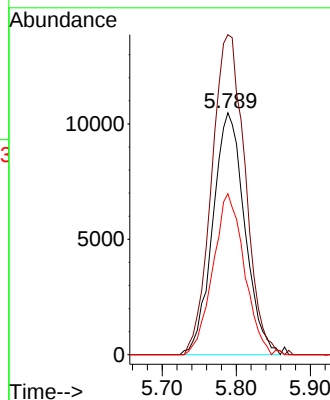
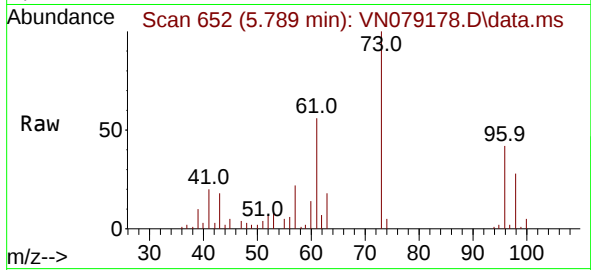
98 66.6 51.0 76.4

Manual Integrations

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Reviewed By :John Carlone 09/08/2023

Supervised By :Semsettin Yesilyurt 09/08/2023



#20

Diisopropyl ether

Concen: 22.477 ug/l

RT: 6.683 min Scan# 804

Delta R.T. -0.000 min

Lab File: VN079178.D

Acq: 07 Sep 2023 16:42

Tgt Ion: 45 Resp: 109285

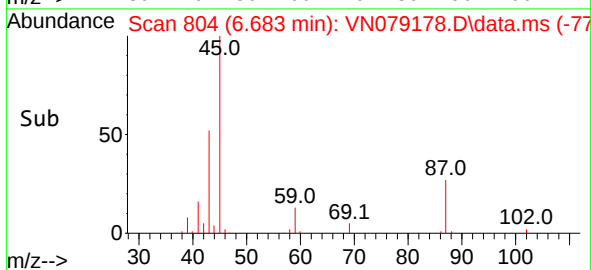
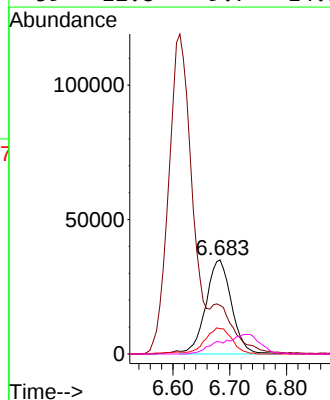
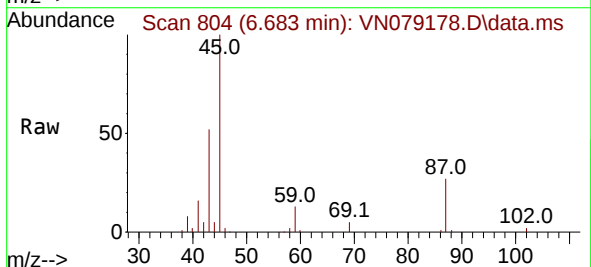
Ion Ratio Lower Upper

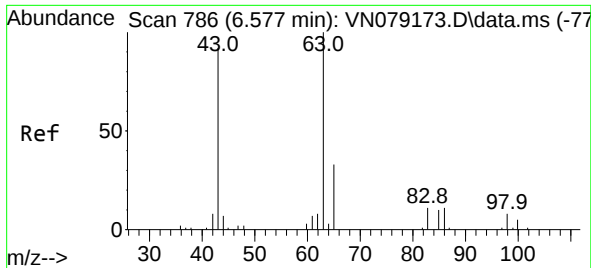
45 100

43 50.1 34.9 52.3

87 27.0 21.5 32.3

59 12.8 9.7 14.5





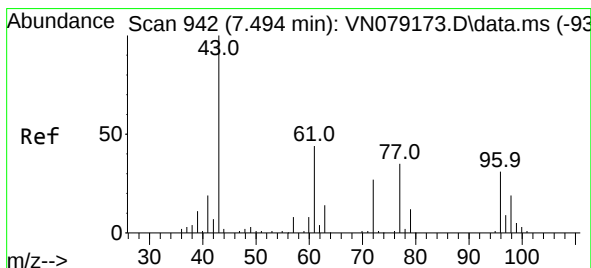
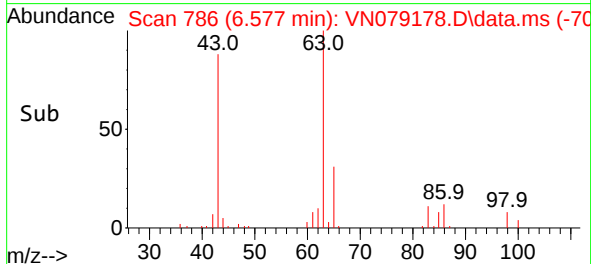
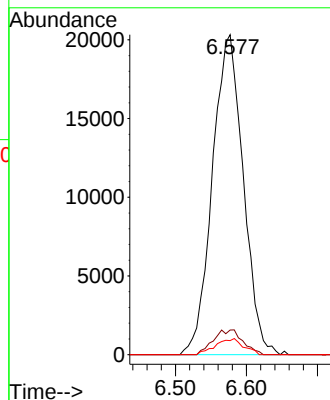
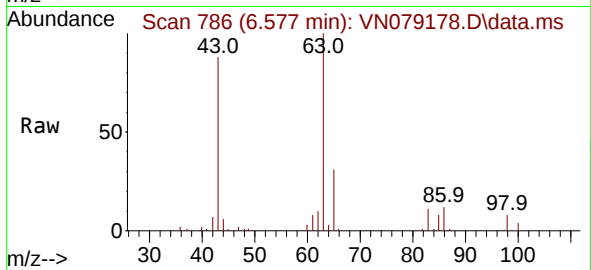
#21
1,1-Dichloroethane
Concen: 21.533 ug/l
RT: 6.577 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

Tgt Ion: 63 Resp: 6133
Ion Ratio Lower Upper
63 100
98 7.7 3.9 11.5
100 4.4 2.5 7.5

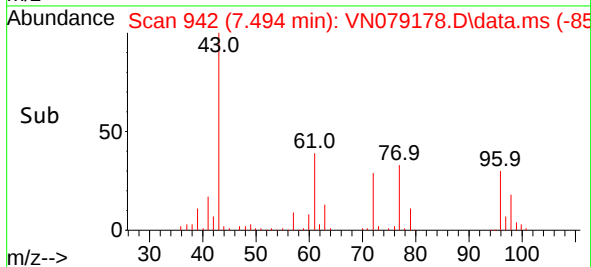
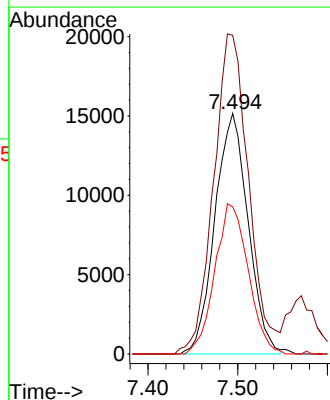
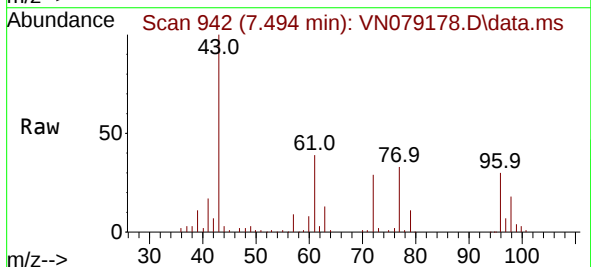
Manual Integrations
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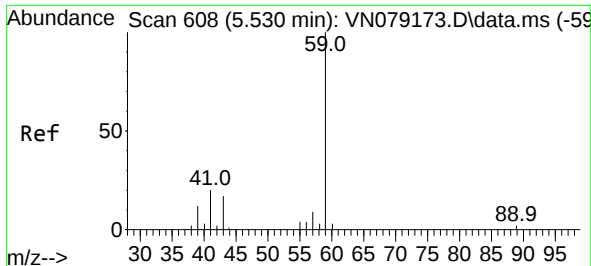
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023



#22
cis-1,2-Dichloroethene
Concen: 19.625 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Tgt Ion: 96 Resp: 38919
Ion Ratio Lower Upper
96 100
61 140.4 113.0 169.6
98 62.7 50.2 75.4





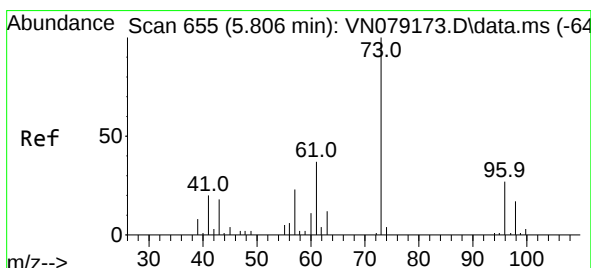
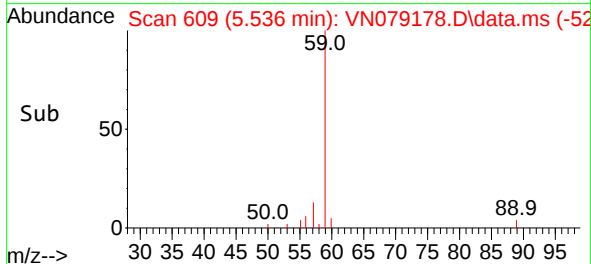
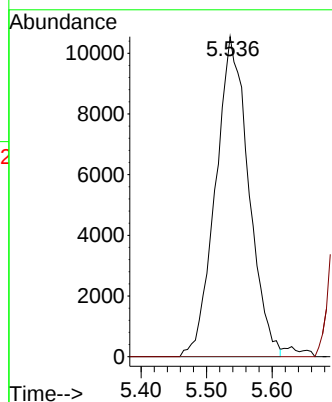
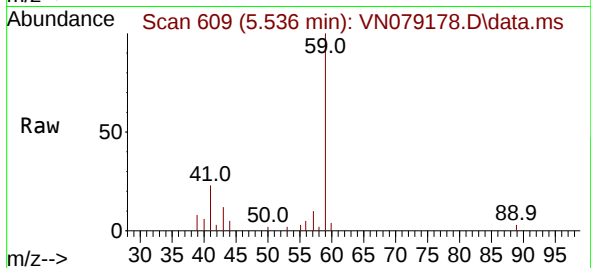
#23
tert-Butyl Alcohol
Concen: 138.862 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

Tgt Ion: 59 Resp: 37018
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

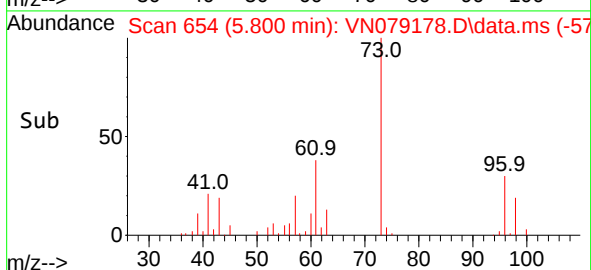
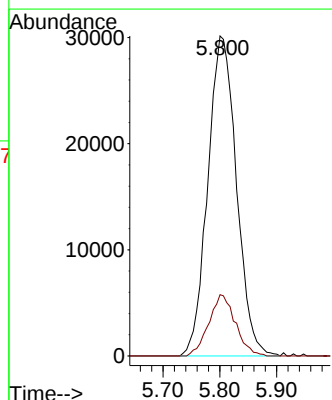
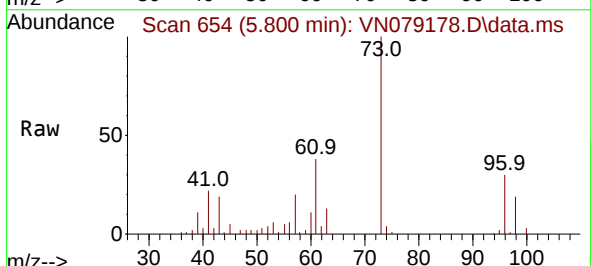
Manual Integrations
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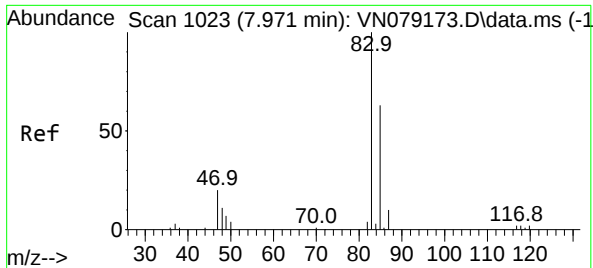
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023



#24
Methyl tert-Butyl Ether
Concen: 26.419 ug/l
RT: 5.800 min Scan# 654
Delta R.T. -0.006 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Tgt Ion: 73 Resp: 105681
Ion Ratio Lower Upper
73 100
43 17.8 14.7 22.1





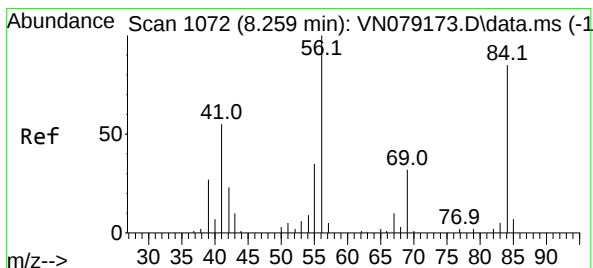
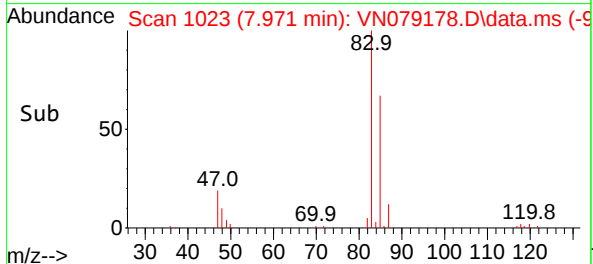
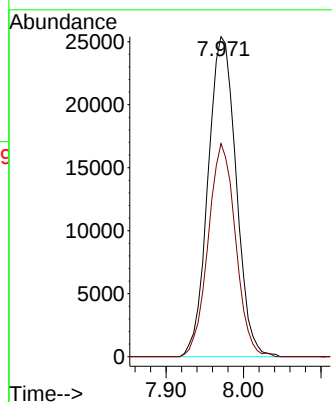
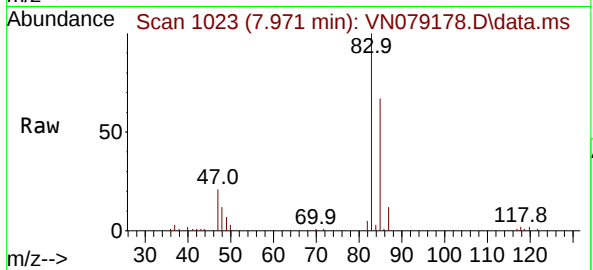
#25
Chloroform
Concen: 18.645 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

Tgt Ion: 83 Resp: 6404
Ion Ratio Lower Upper
83 100
85 66.6 50.6 76.0

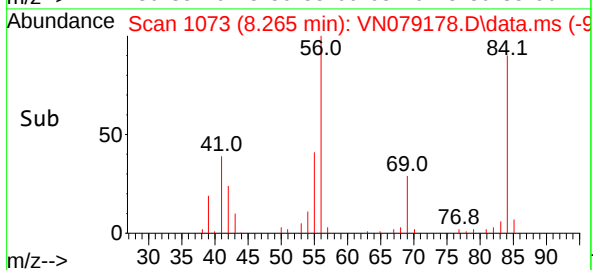
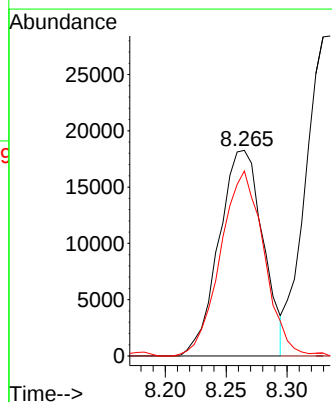
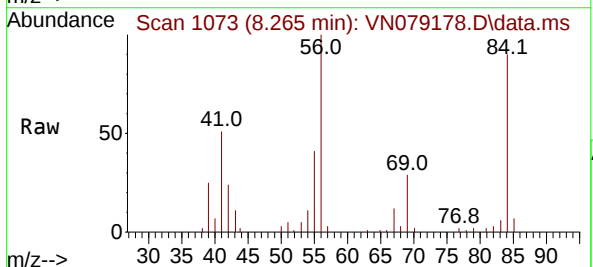
Manual Integrations
APPROVED

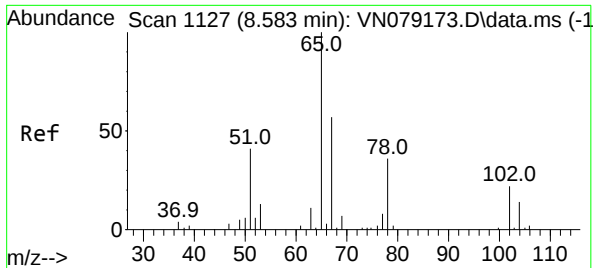
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023



#26
Cyclohexane
Concen: 17.768 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Tgt Ion: 56 Resp: 45894
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.9 71.1 106.7





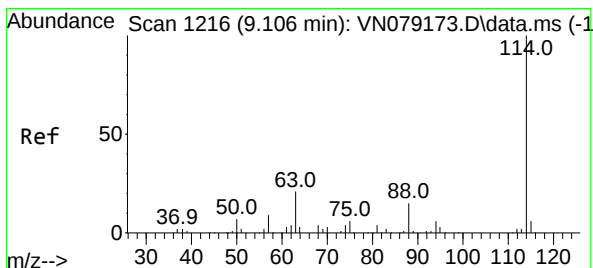
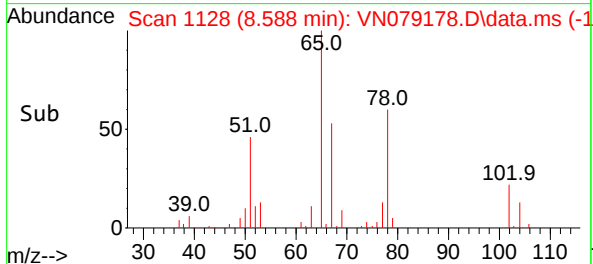
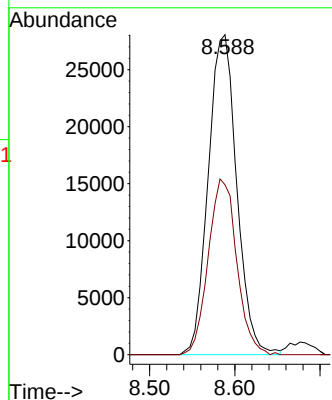
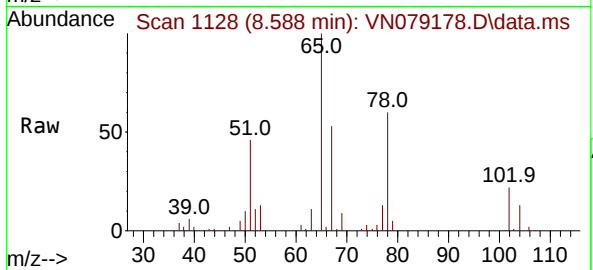
#27
1,2-Dichloroethane-d4
Concen: 30.211 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

Tgt Ion: 65 Resp: 65400
Ion Ratio Lower Upper
65 100
67 54.7 44.4 66.6

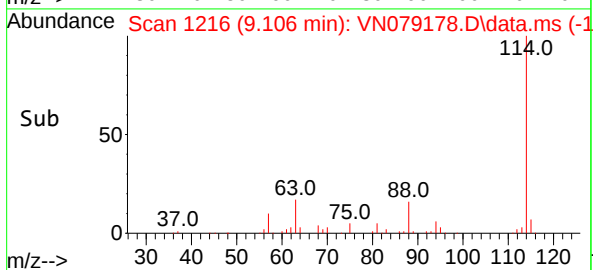
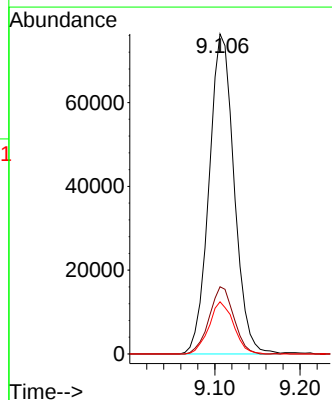
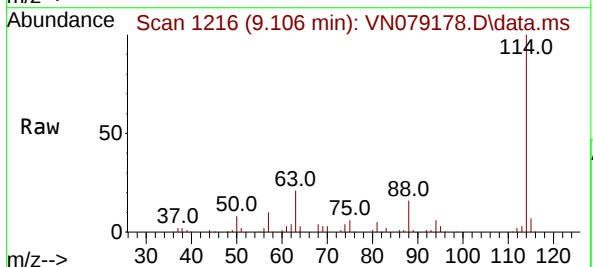
Manual Integrations
APPROVED

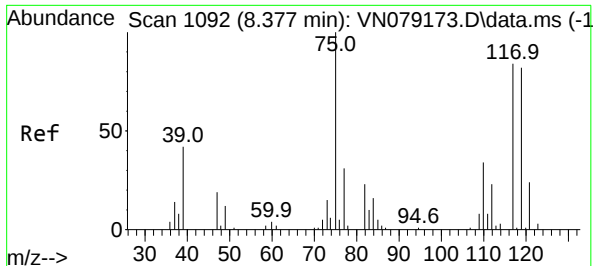
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Tgt Ion:114 Resp: 155865
Ion Ratio Lower Upper
114 100
63 20.6 17.0 25.4
88 16.0 12.8 19.2





#29
1,1-Dichloropropene
Concen: 17.709 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

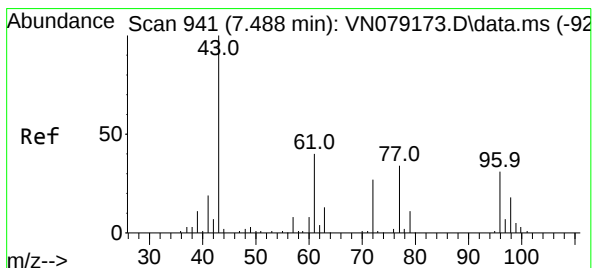
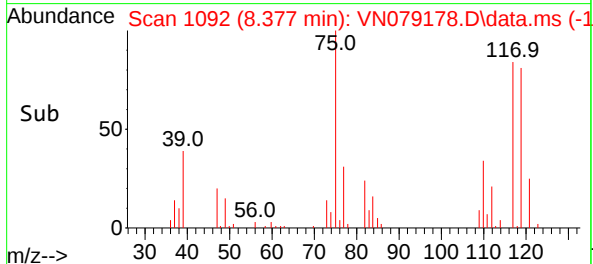
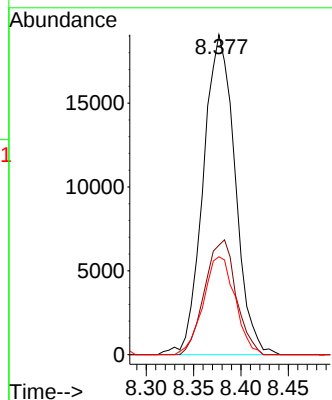
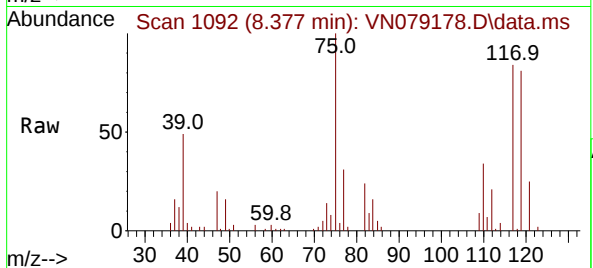
Tgt Ion: 75 Resp: 44254
Ion Ratio Lower Upper
75 100
110 35.6 0.0 68.4
77 30.8 0.0 63.2

Manual Integrations

APPROVED

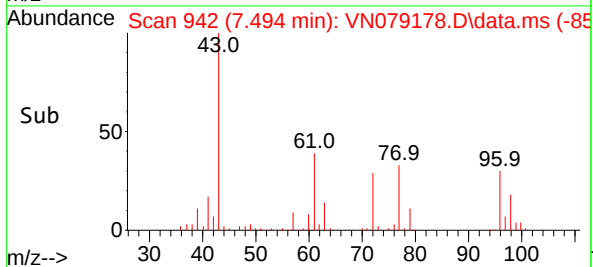
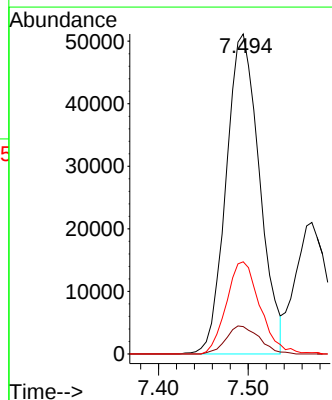
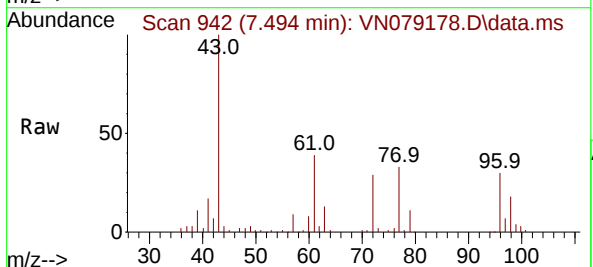
Reviewed By :John Carlone 09/08/2023

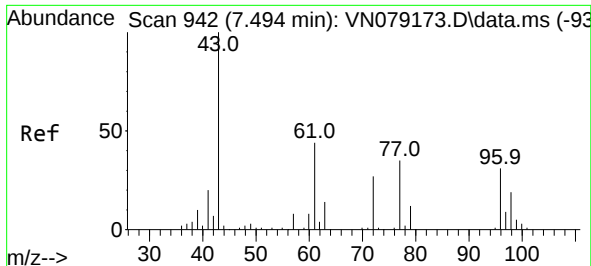
Supervised By :Semsettin Yesilyurt 09/08/2023



#30
2-Butanone
Concen: 105.237 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Tgt Ion: 43 Resp: 132278
Ion Ratio Lower Upper
43 100
57 8.7 6.8 10.2
72 28.9 22.4 33.6





#31

2,2-Dichloropropane

Concen: 19.120 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN079178.D

Acq: 07 Sep 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

Tgt Ion: 77 Resp: 4766

Ion Ratio Lower Upper

77 100

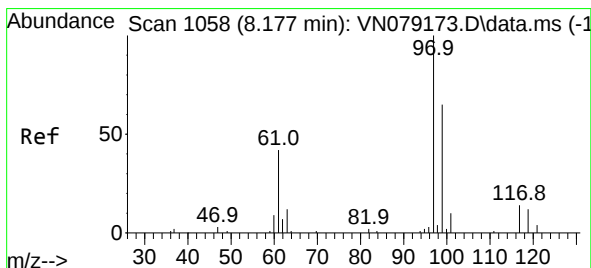
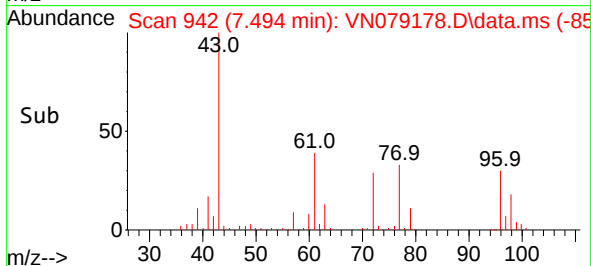
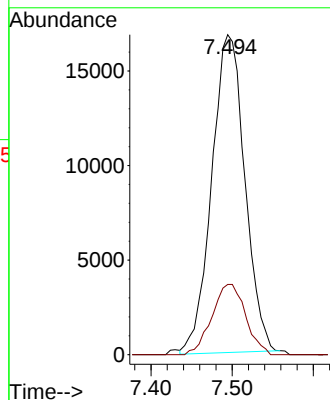
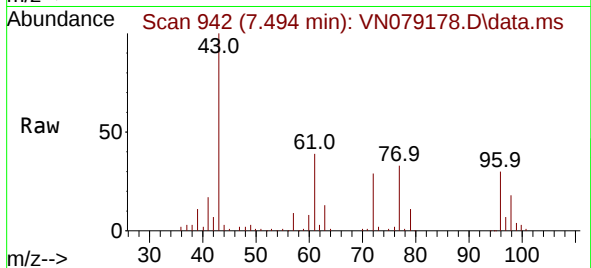
97 22.5 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Semsettin Yesilyurt 09/08/2023



#32

1,1,1-Trichloroethane

Concen: 17.777 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN079178.D

Acq: 07 Sep 2023 16:42

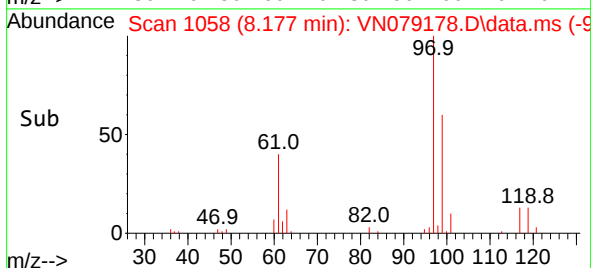
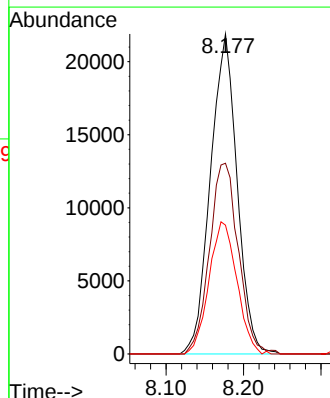
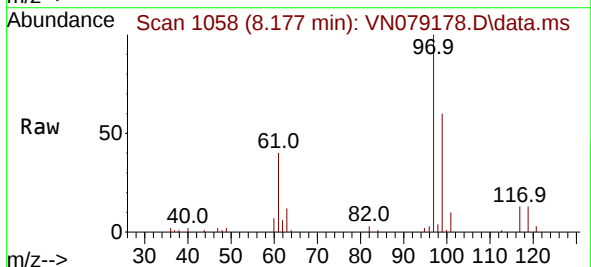
Tgt Ion: 97 Resp: 52339

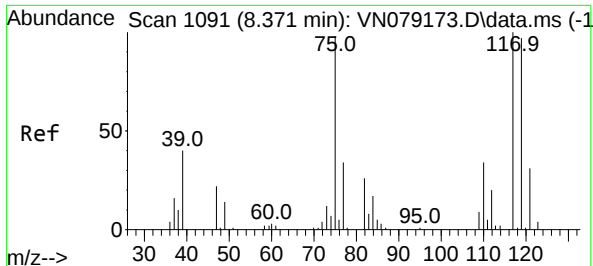
Ion Ratio Lower Upper

97 100

99 64.2 52.0 78.0

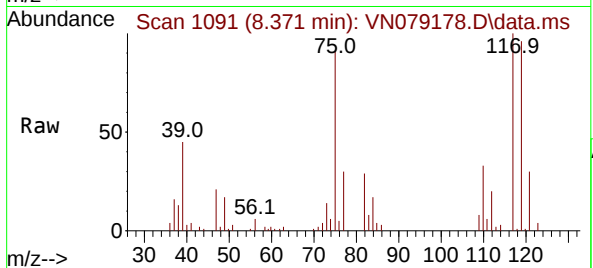
61 43.1 33.4 50.0





#33
Carbon Tetrachloride
Concen: 18.073 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

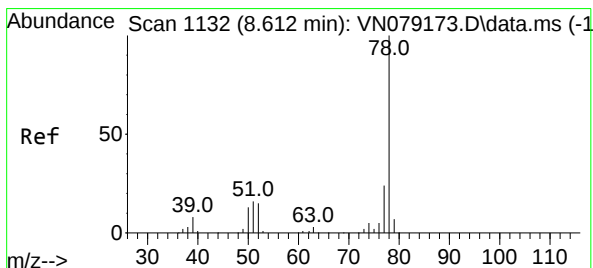
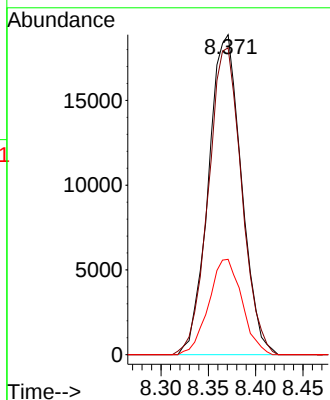
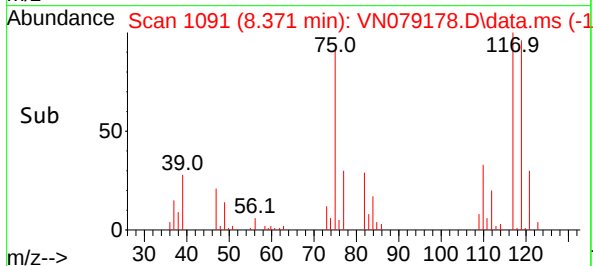
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01



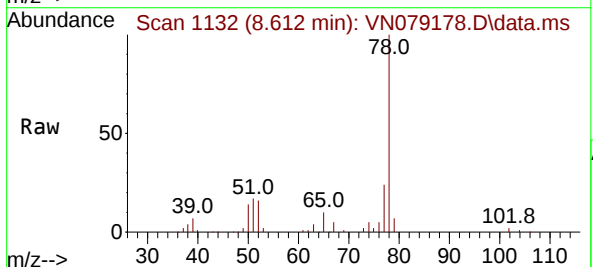
Tgt Ion:117 Resp: 45708
Ion Ratio Lower Upper
117 100
119 95.9 77.9 116.9
121 29.8 25.1 37.7

Manual Integrations
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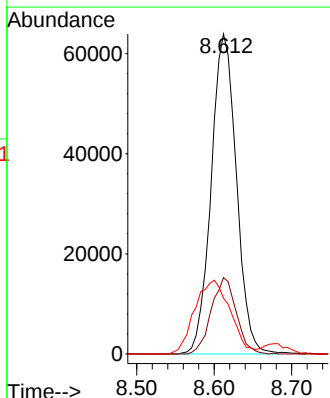
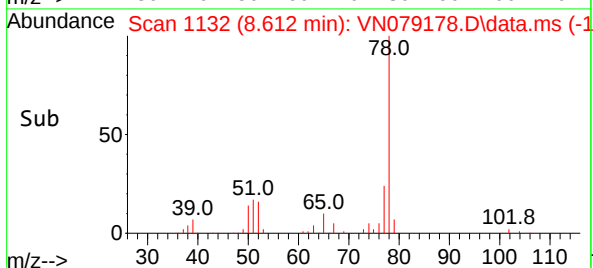
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023

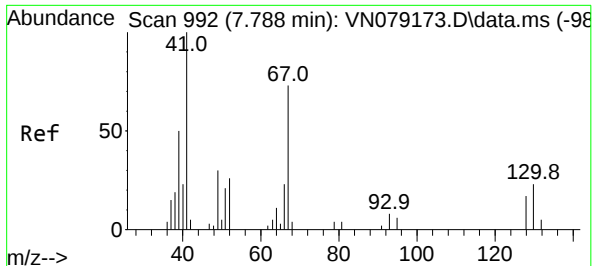


#34
Benzene
Concen: 18.222 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42



Tgt Ion: 78 Resp: 144679
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3
51 16.2 13.1 19.7





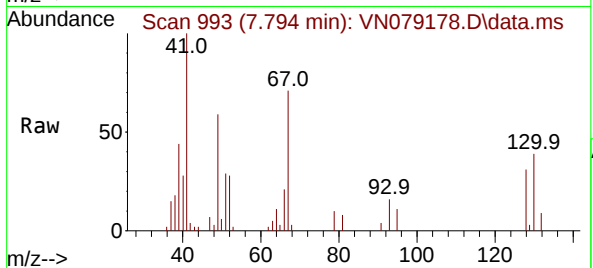
#35
Methacrylonitrile
Concen: 19.830 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01



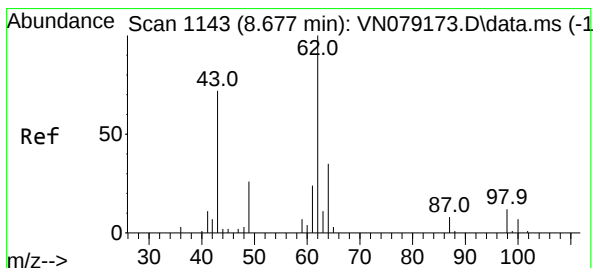
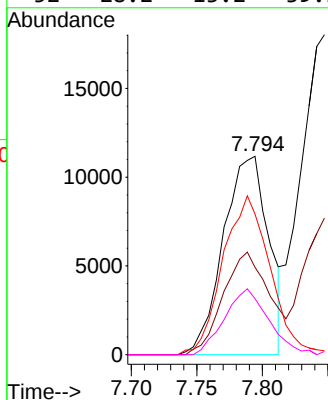
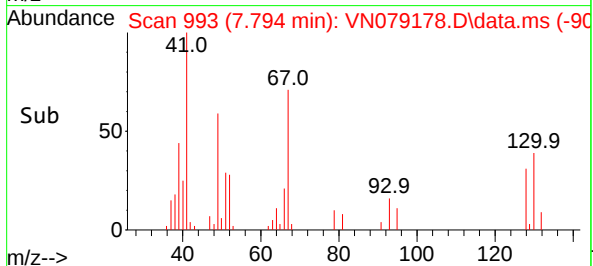
Tgt Ion: 41 Resp: 26838
Ion Ratio Lower Upper
41 100
39 44.1 24.9 74.6
67 70.9 36.7 110.1
52 28.2 13.2 39.5

Manual Integrations

APPROVED

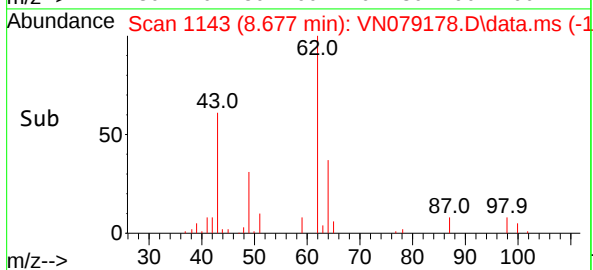
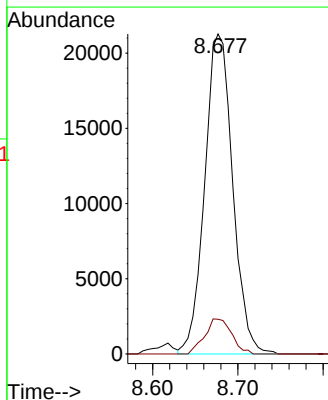
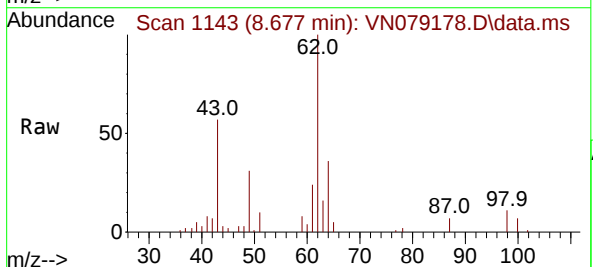
Reviewed By :John Carlone 09/08/2023

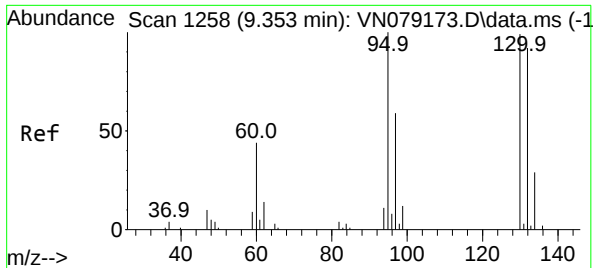
Supervised By :Semsettin Yesilyurt 09/08/2023



#36
1,2-Dichloroethane
Concen: 18.525 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Tgt Ion: 62 Resp: 48508
Ion Ratio Lower Upper
62 100
98 10.5 8.2 12.2





#37

Trichloroethene

Concen: 17.995 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN079178.D

Acq: 07 Sep 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

Tgt Ion:130 Resp: 33770

Ion Ratio Lower Upper

130 100

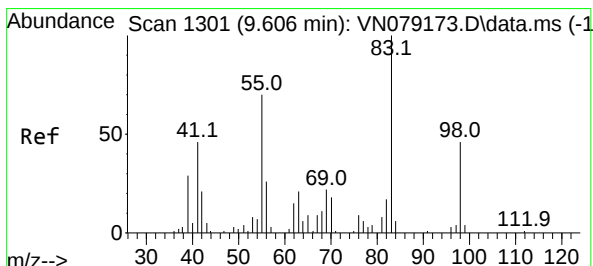
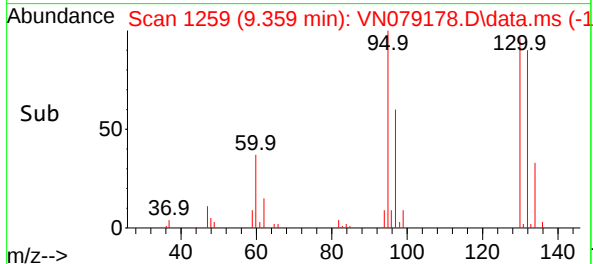
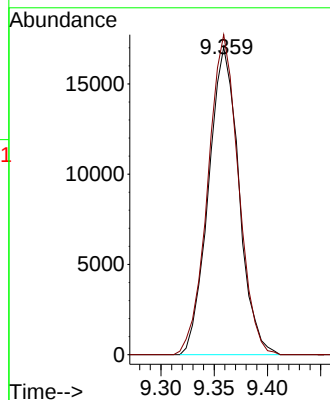
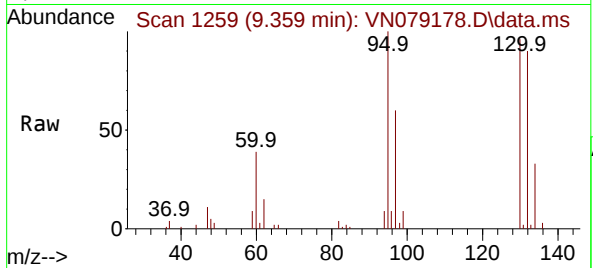
95 104.0 81.0 121.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Semsettin Yesilyurt 09/08/2023



#38

Methylcyclohexane

Concen: 18.004 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN079178.D

Acq: 07 Sep 2023 16:42

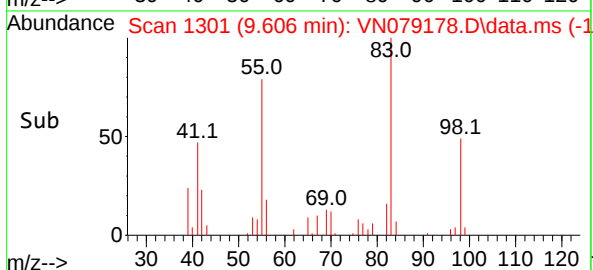
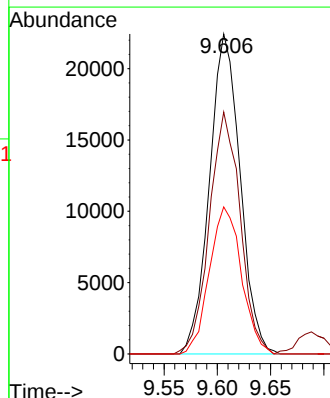
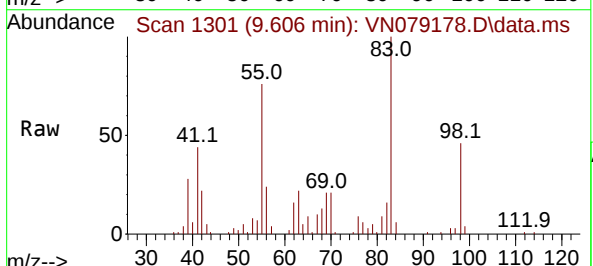
Tgt Ion: 83 Resp: 44980

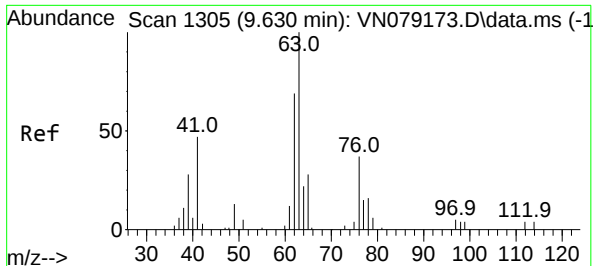
Ion Ratio Lower Upper

83 100

55 75.8 39.1 117.2

98 48.0 24.1 72.4





#39

1,2-Dichloropropane

Concen: 19.144 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079178.D

Acq: 07 Sep 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

Tgt Ion: 63 Resp: 39209

Ion Ratio Lower Upper

63 100

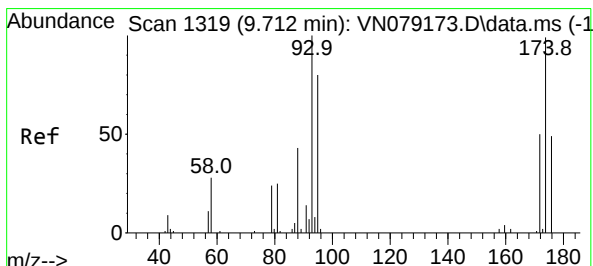
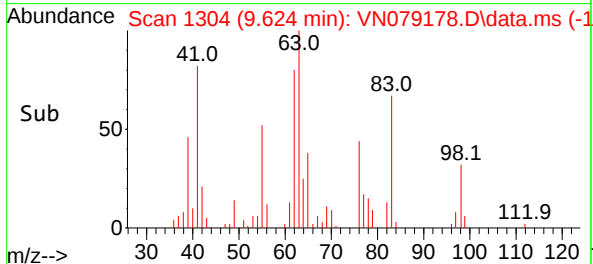
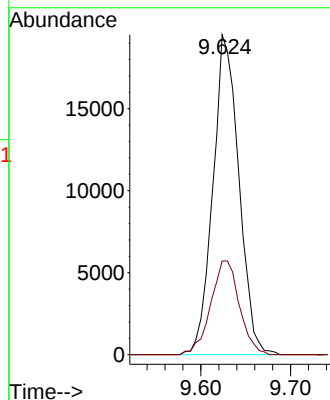
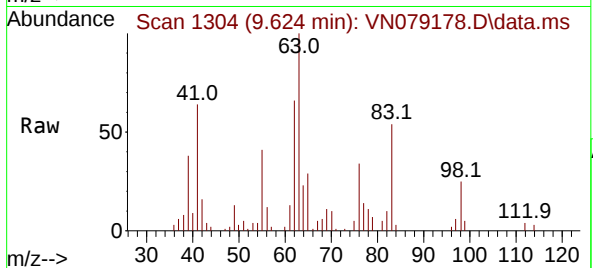
65 29.2 23.4 35.0

Manual Integrations

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Reviewed By :John Carlone 09/08/2023

Supervised By :Semsettin Yesilyurt 09/08/2023



#40

Dibromomethane

Concen: 18.896 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN079178.D

Acq: 07 Sep 2023 16:42

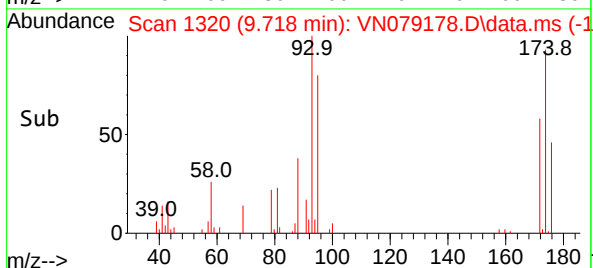
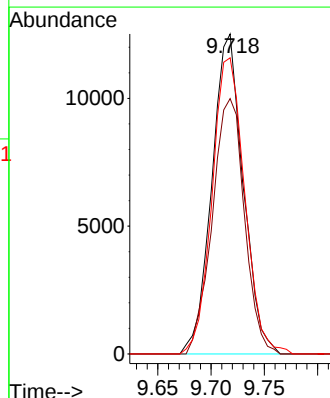
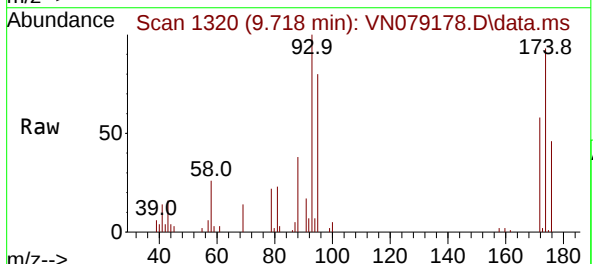
Tgt Ion: 93 Resp: 25522

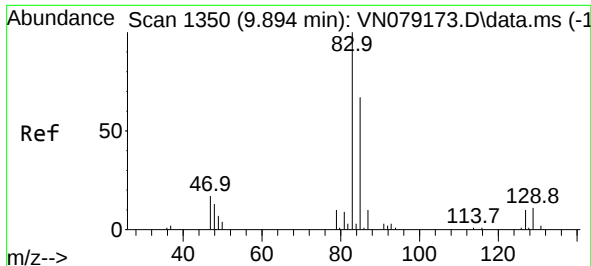
Ion Ratio Lower Upper

93 100

95 82.1 0.0 172.4

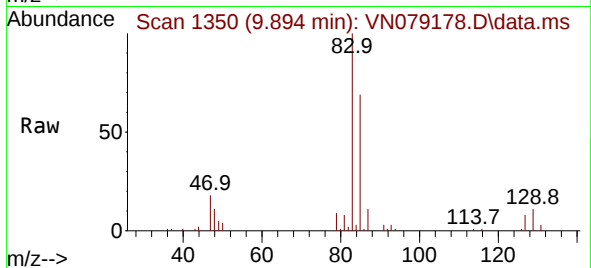
174 96.4 0.0 192.4





#41
Bromodichloromethane
Concen: 18.955 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

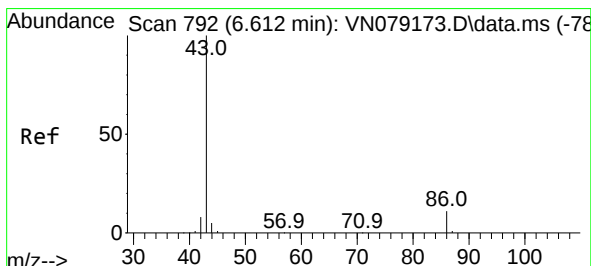
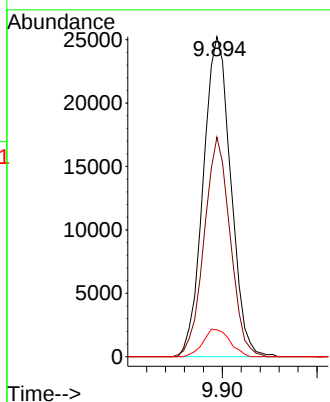
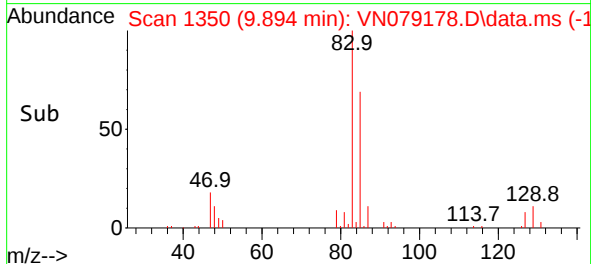
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01



Tgt Ion: 83 Resp: 5103
Ion Ratio Lower Upper
83 100
85 68.6 53.4 80.2
127 8.4 8.3 12.5

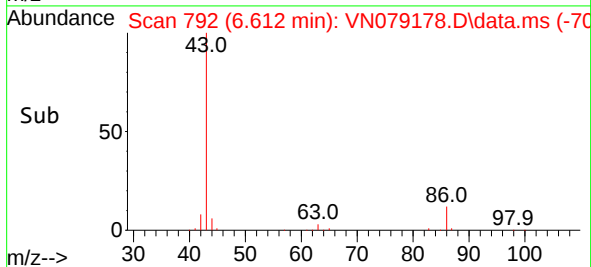
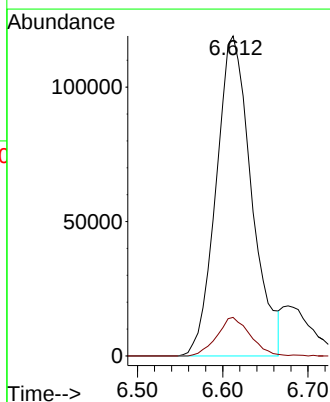
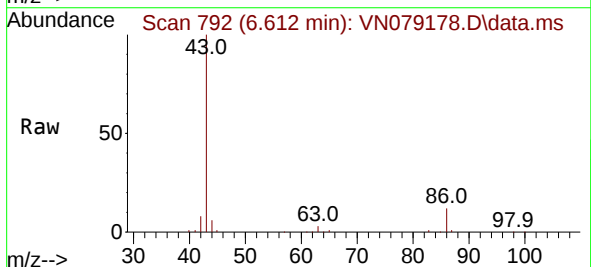
Manual Integrations
APPROVED

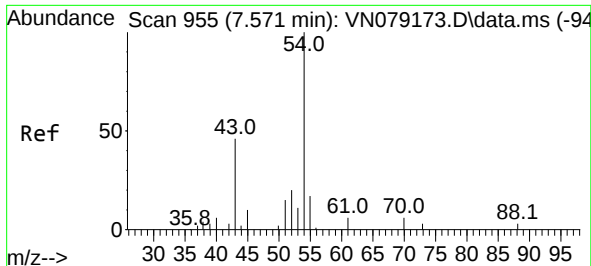
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023



#42
Vinyl Acetate
Concen: 115.048 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Tgt Ion: 43 Resp: 343430
Ion Ratio Lower Upper
43 100
86 11.3 9.2 13.8





#43

Ethyl Acetate

Concen: 22.782 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN079178.D

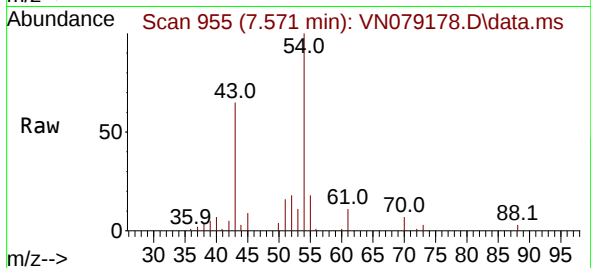
Acq: 07 Sep 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01



Tgt Ion: 43 Resp: 5438

Ion Ratio Lower Upper

43 100

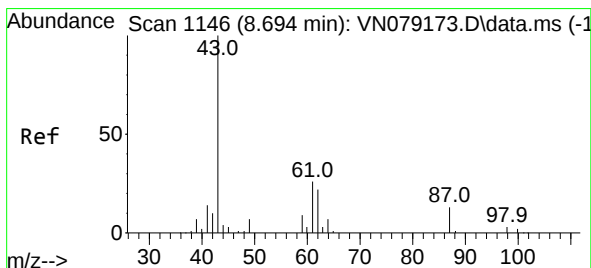
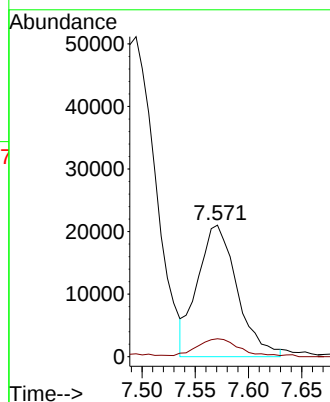
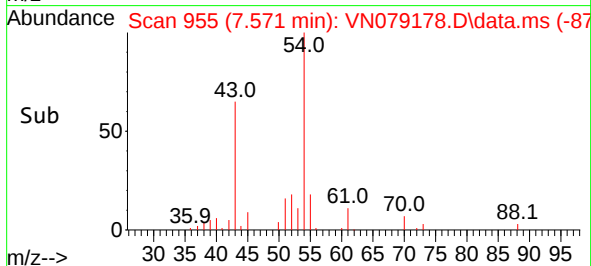
45 14.5 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Semsettin Yesilyurt 09/08/2023



#44

Isopropyl Acetate

Concen: 19.165 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN079178.D

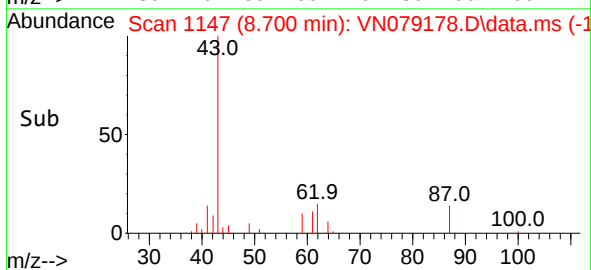
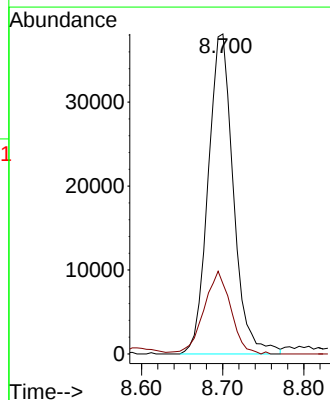
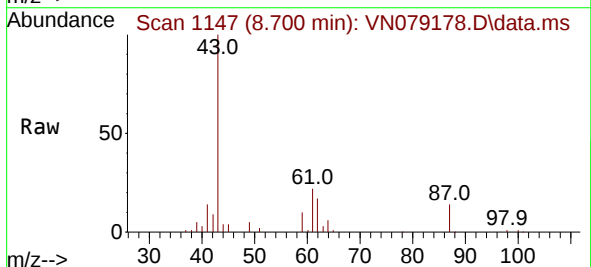
Acq: 07 Sep 2023 16:42

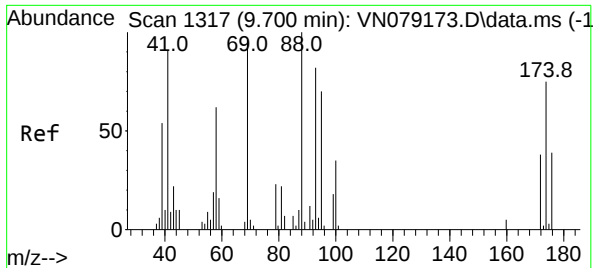
Tgt Ion: 43 Resp: 82301

Ion Ratio Lower Upper

43 100

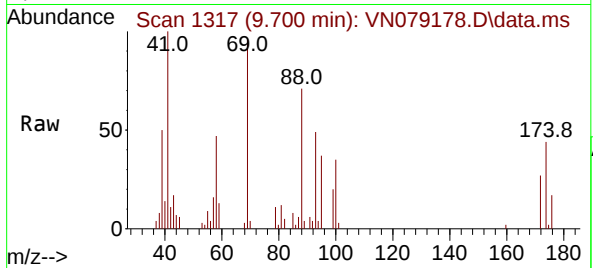
61 27.6 22.6 33.8





#45
1,4-Dioxane
Concen: 412.117 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

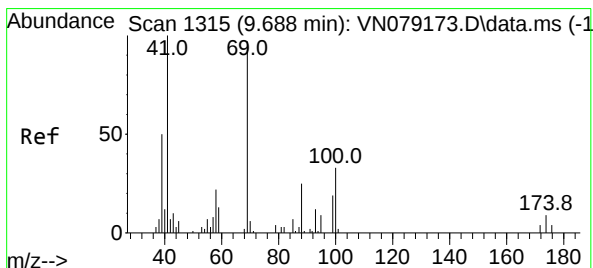
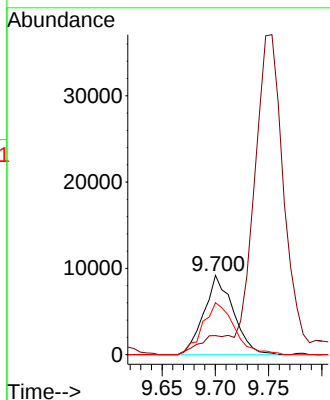
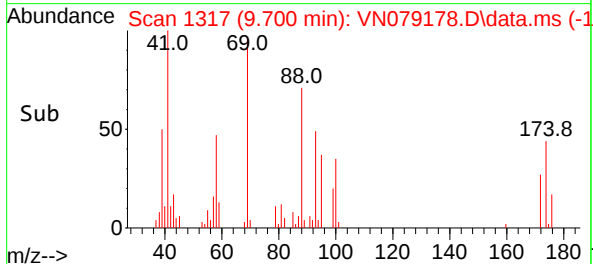
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01



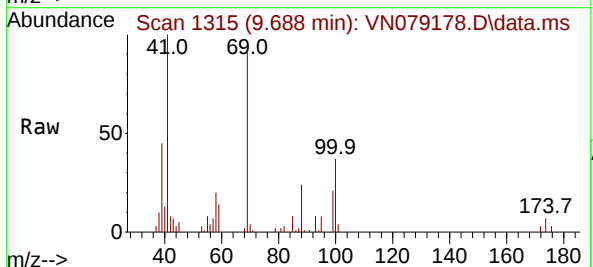
Tgt Ion: 88 Resp: 17610
Ion Ratio Lower Upper
88 100
43 20.4 19.9 29.9
58 71.4 58.0 87.0

Manual Integrations
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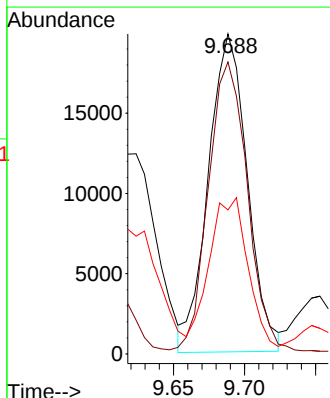
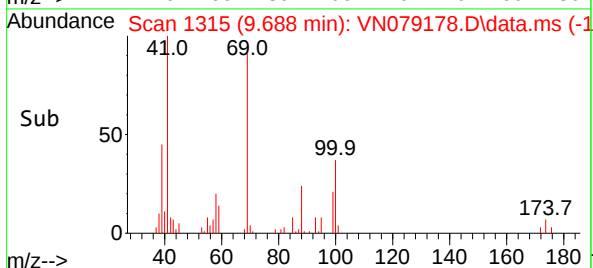
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023

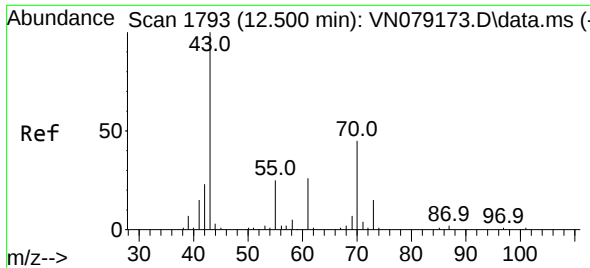


#46
Methyl methacrylate
Concen: 19.703 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42



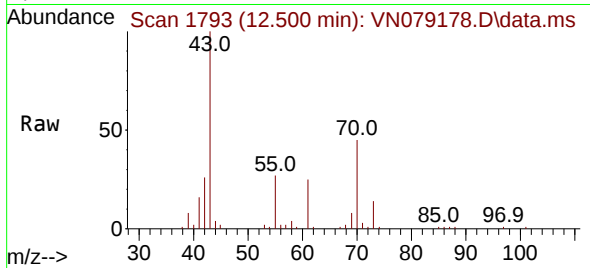
Tgt Ion: 41 Resp: 37801
Ion Ratio Lower Upper
41 100
69 95.6 48.1 144.3
39 45.7 25.8 77.3





#47
n-amyl Acetate
Concen: 20.161 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

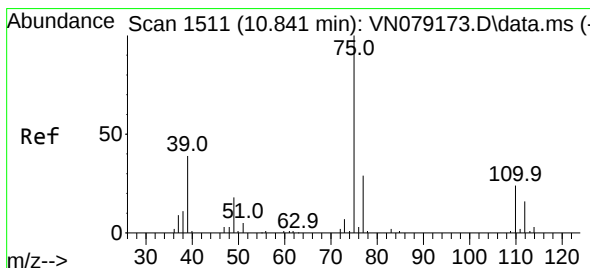
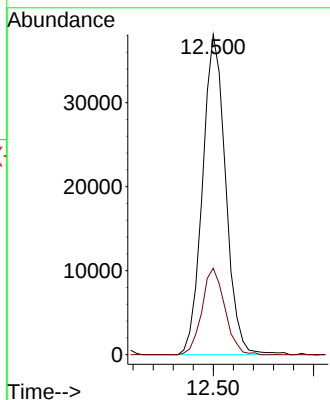
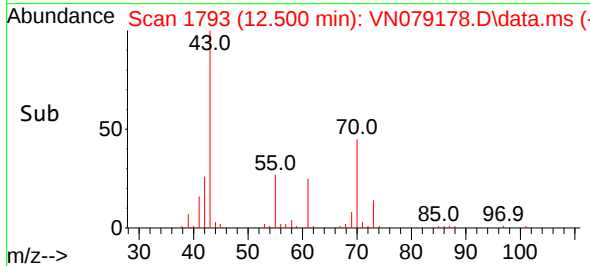
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01



Tgt Ion: 43 Resp: 6088
Ion Ratio Lower Upper
43 100
55 26.6 20.5 30.7

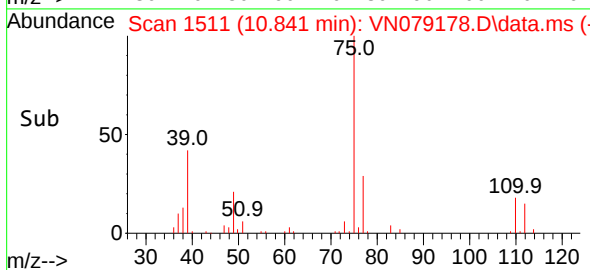
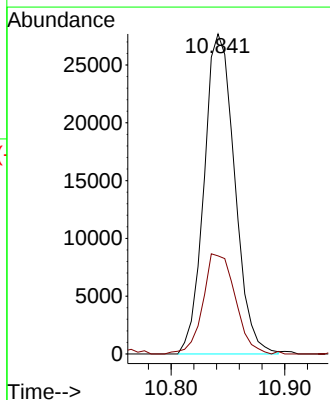
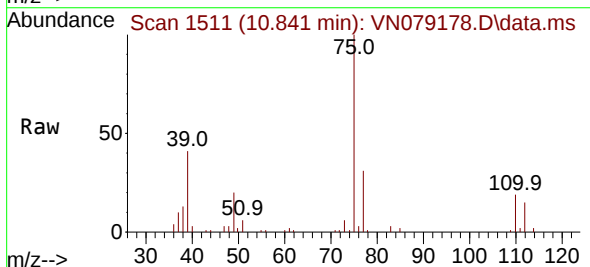
Manual Integrations
APPROVED

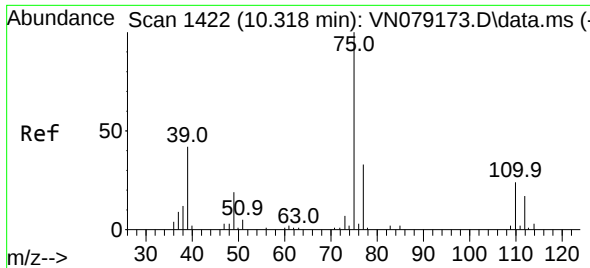
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023



#48
t-1,3-Dichloropropene
Concen: 17.795 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Tgt Ion: 75 Resp: 51833
Ion Ratio Lower Upper
75 100
77 29.9 22.9 34.3





#49
 cis-1,3-Dichloropropene
 Concen: 19.349 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079178.D
 Acq: 07 Sep 2023 16:42

Instrument :

MSVOA_N

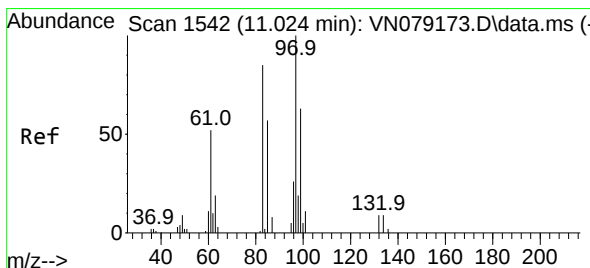
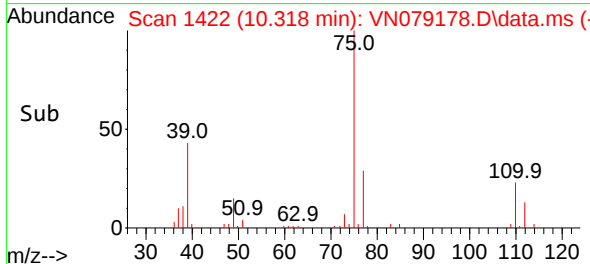
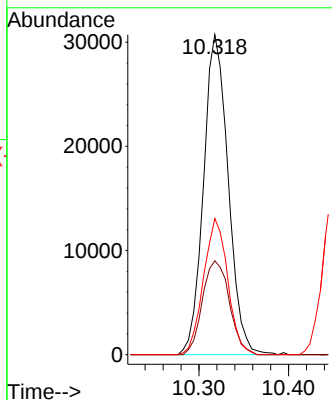
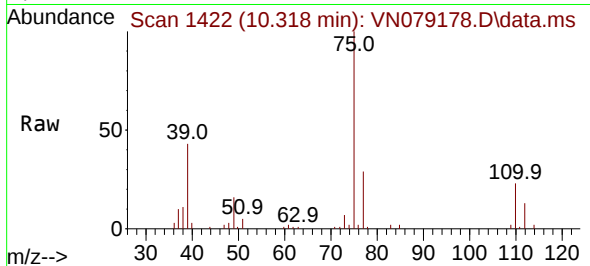
ClientSampleId :

VN0907WBSD01

Tgt Ion: 75 Resp: 5878
 Ion Ratio Lower Upper
 75 100
 77 29.3 26.2 39.2
 39 42.5 33.8 50.8

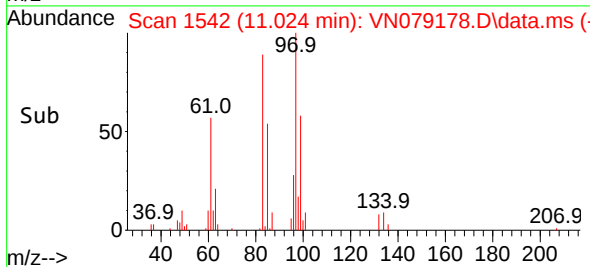
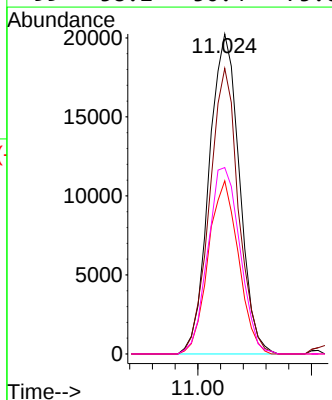
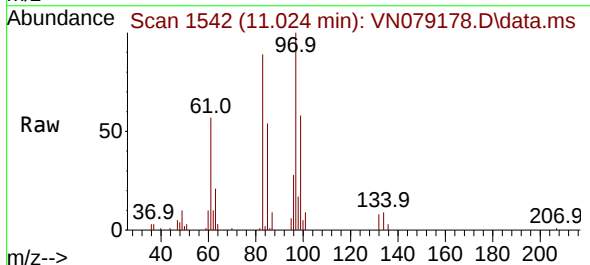
Manual Integrations
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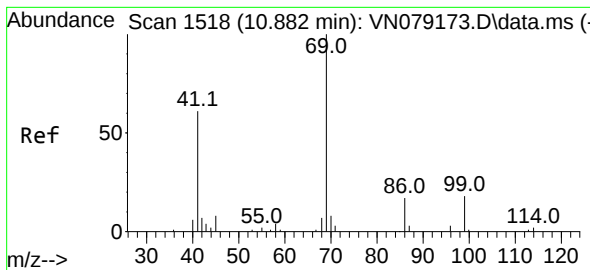
Reviewed By :John Carlone 09/08/2023
 Supervised By :Semsettin Yesilyurt 09/08/2023



#50
 1,1,2-Trichloroethane
 Concen: 19.775 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. -0.000 min
 Lab File: VN079178.D
 Acq: 07 Sep 2023 16:42

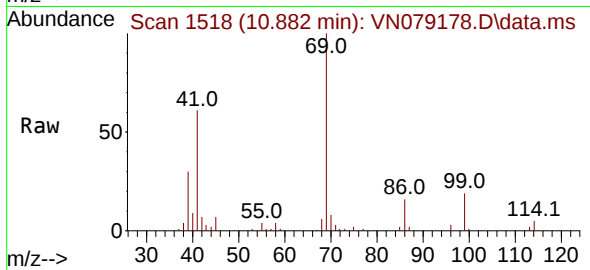
Tgt Ion: 97 Resp: 37470
 Ion Ratio Lower Upper
 97 100
 83 89.3 68.9 103.3
 85 54.1 45.3 67.9
 99 58.2 50.4 75.6





#51
Ethyl methacrylate
Concen: 19.102 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

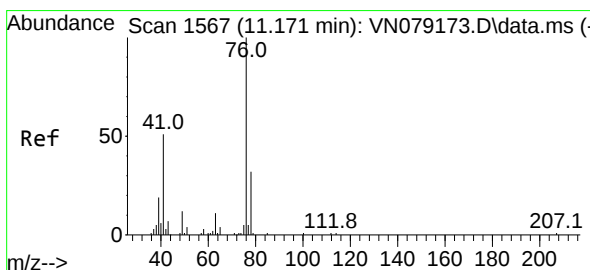
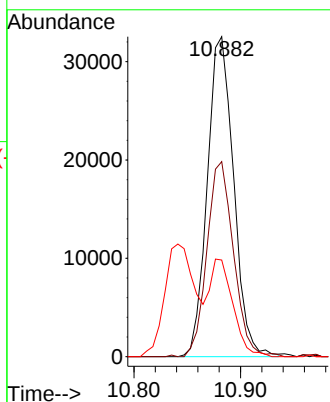
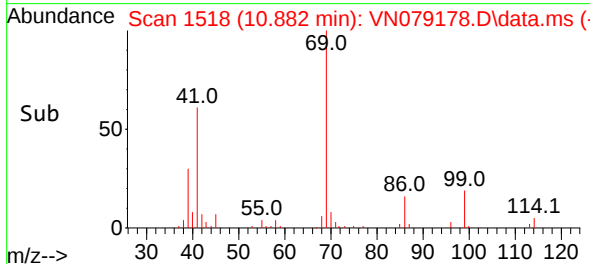
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01



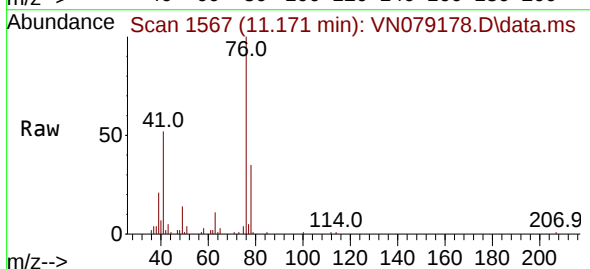
Tgt Ion: 69 Resp: 55890
Ion Ratio Lower Upper
69 100
41 60.9 30.3 90.9
39 30.2 13.4 40.1

Manual Integrations
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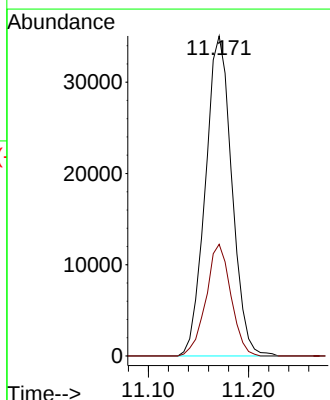
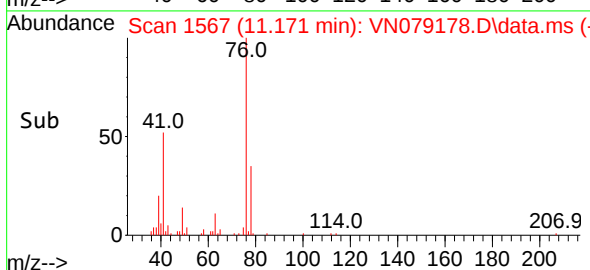
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023

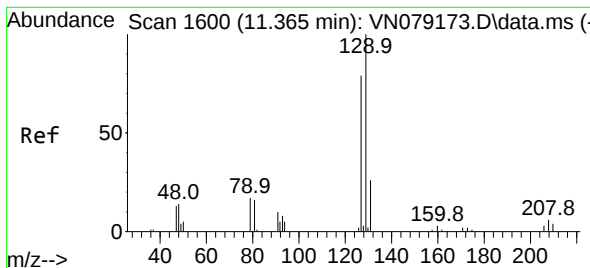


#52
1,3-Dichloropropane
Concen: 19.892 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42



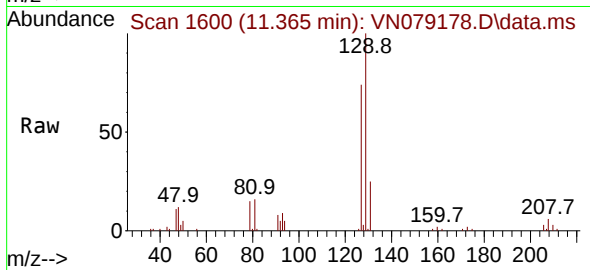
Tgt Ion: 76 Resp: 64347
Ion Ratio Lower Upper
76 100
78 32.9 0.0 64.2





#53
Dibromochloromethane
Concen: 19.503 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

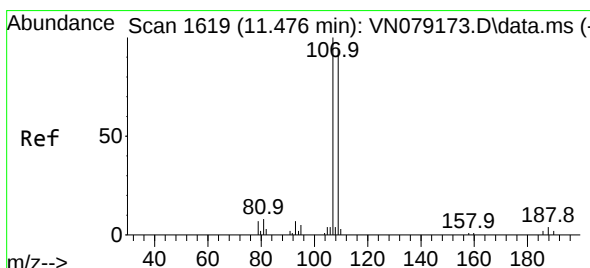
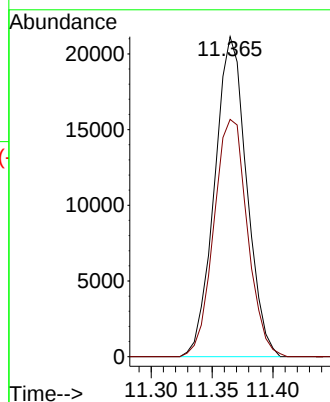
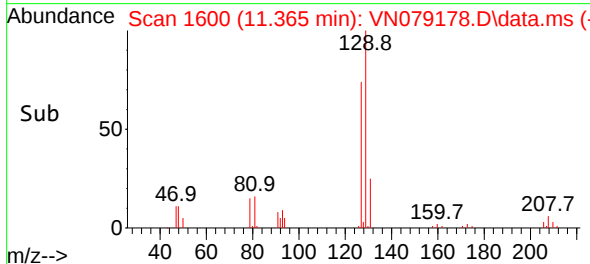
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01



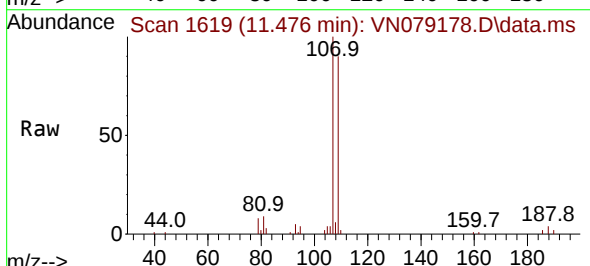
Tgt Ion:129 Resp: 38759
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

Manual Integrations
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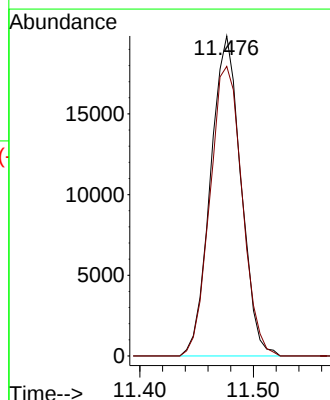
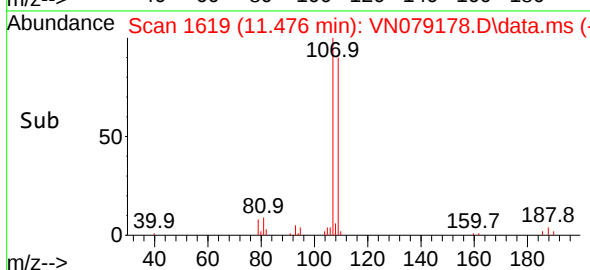
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023

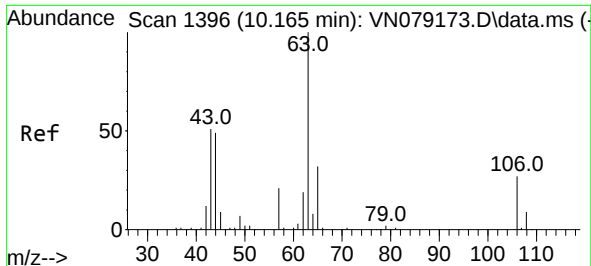


#54
1,2-Dibromoethane
Concen: 19.160 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42



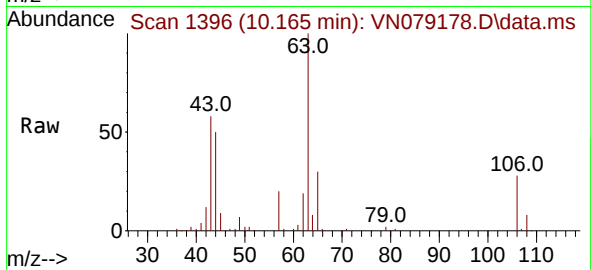
Tgt Ion:107 Resp: 36865
Ion Ratio Lower Upper
107 100
109 95.7 76.4 114.6





#55
2-Chloroethyl vinyl ether
Concen: 113.803 ug/l
RT: 10.165 min Scan# 118328
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

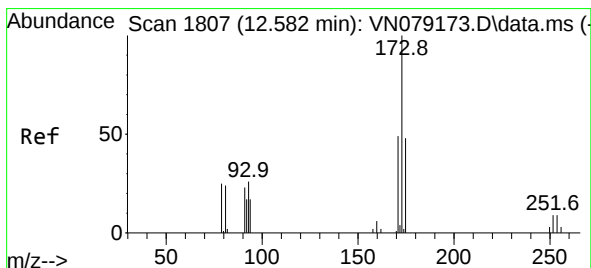
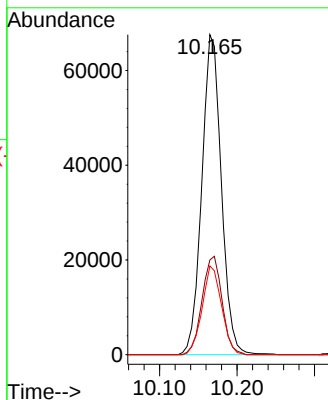
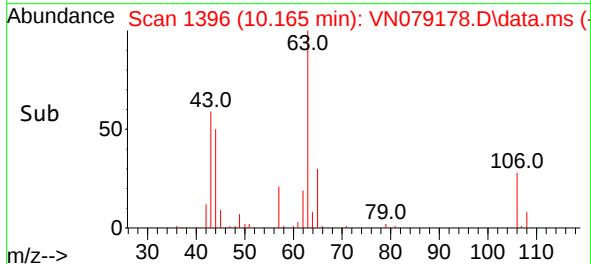
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01



Tgt Ion: 63 Resp: 118328
Ion Ratio Lower Upper
63 100
65 31.4 25.7 38.5
106 27.5 21.9 32.9

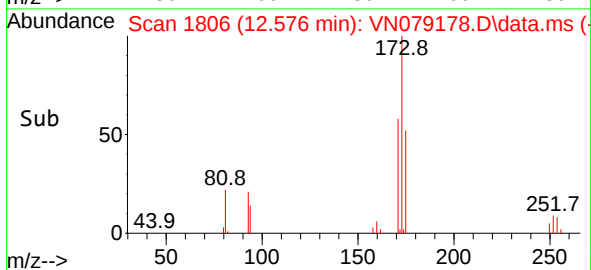
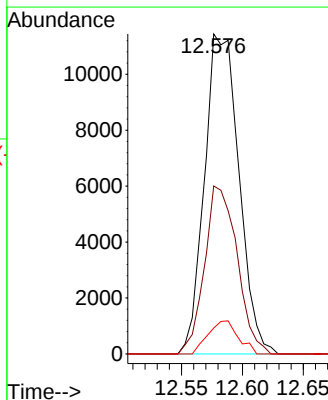
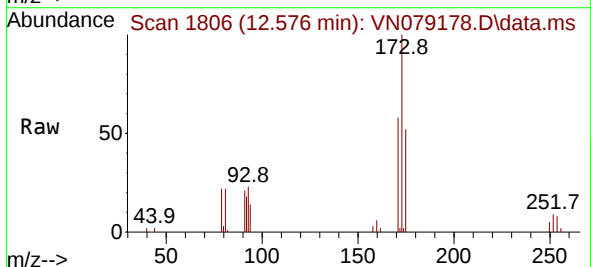
Manual Integrations
APPROVED

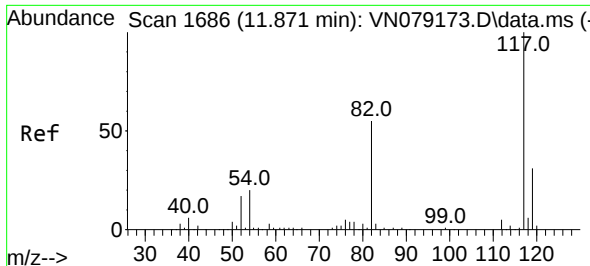
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023



#56
Bromoform
Concen: 16.252 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

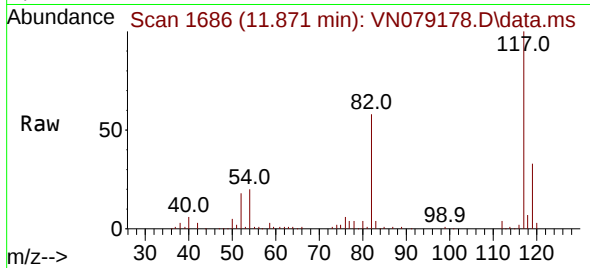
Tgt Ion:173 Resp: 22505
Ion Ratio Lower Upper
173 100
175 49.7 37.6 56.4
254 9.0 7.8 11.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

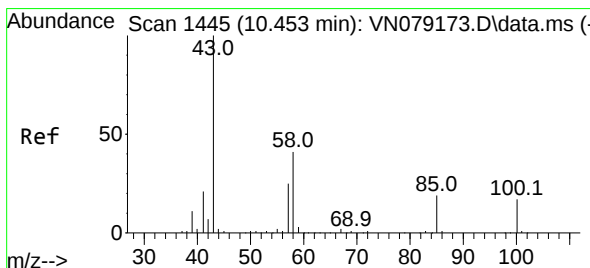
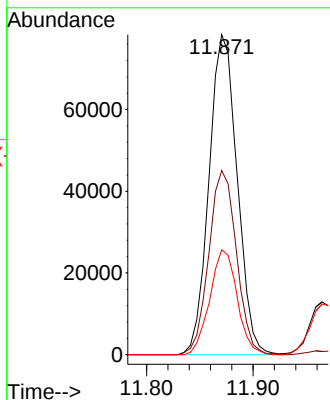
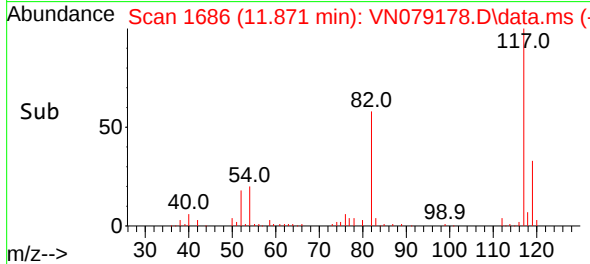
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01



Tgt Ion:117 Resp: 143920
Ion Ratio Lower Upper
117 100
82 56.5 44.7 67.1
119 31.7 24.9 37.3

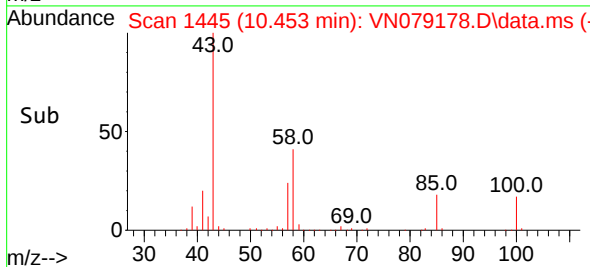
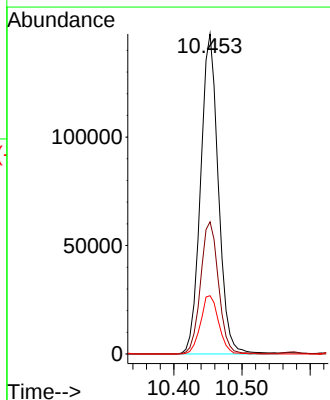
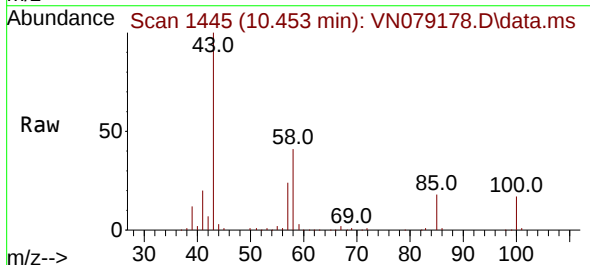
Manual Integrations
APPROVED

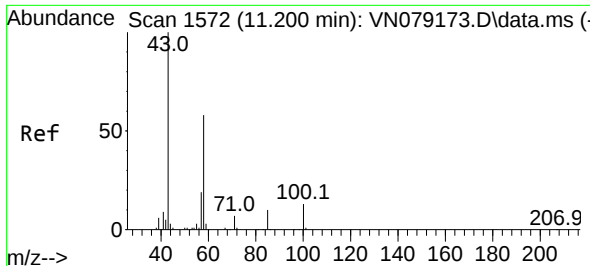
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023



#58
4-Methyl-2-Pentanone
Concen: 101.297 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

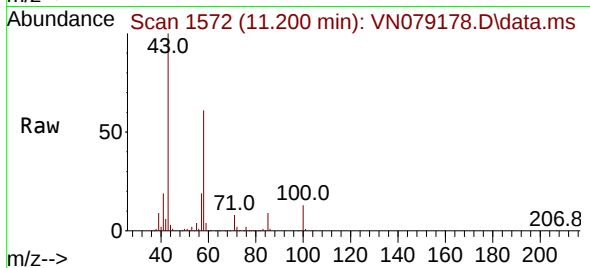
Tgt Ion: 43 Resp: 267537
Ion Ratio Lower Upper
43 100
58 41.7 33.6 50.4
85 18.6 15.0 22.4





#59
2-Hexanone
Concen: 104.103 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

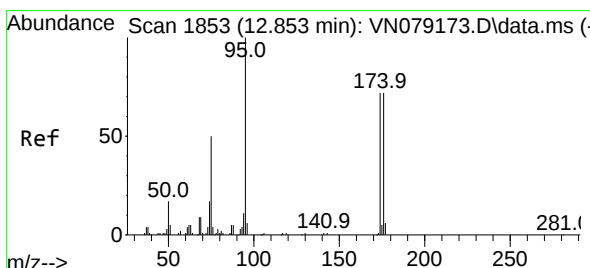
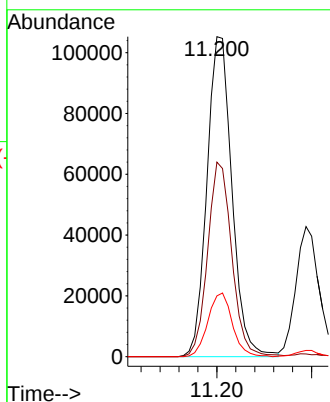
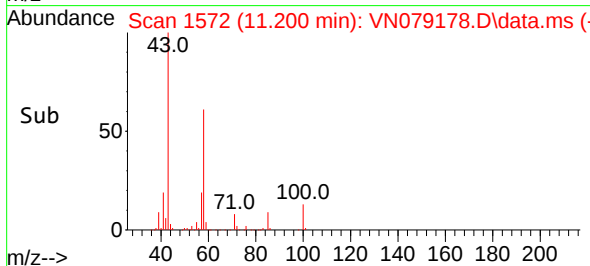
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01



Tgt Ion: 43 Resp: 193094
Ion Ratio Lower Upper
43 100
58 58.7 46.4 69.6
57 19.5 15.3 22.9

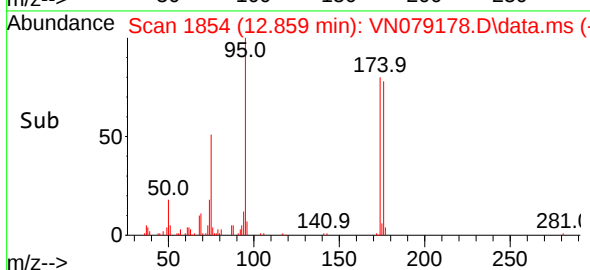
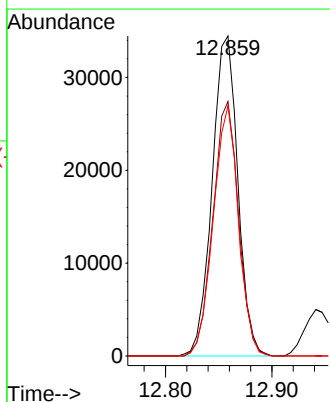
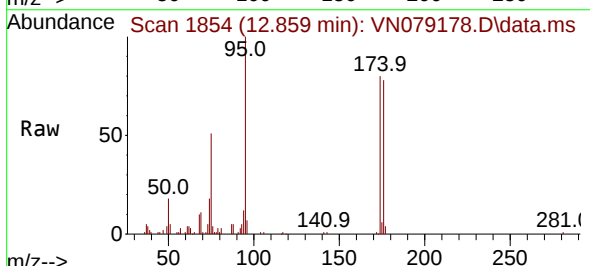
Manual Integrations
APPROVED

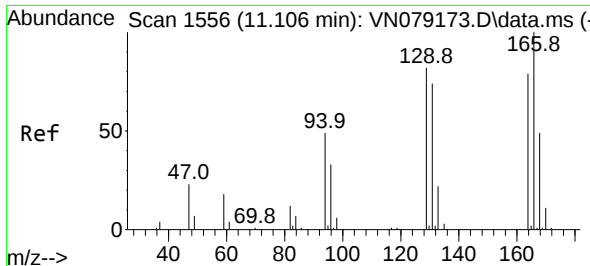
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023



#60
4-Bromofluorobenzene
Concen: 27.238 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

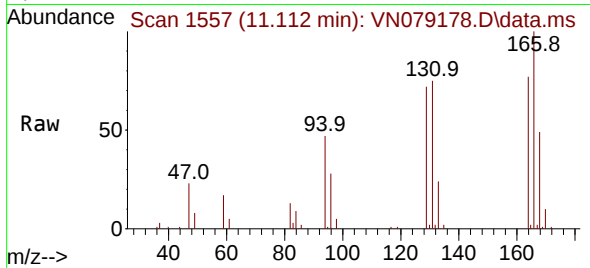
Tgt Ion: 95 Resp: 57762
Ion Ratio Lower Upper
95 100
174 79.4 59.5 89.3
176 76.3 59.1 88.7





#61
Tetrachloroethene
Concen: 18.545 ug/l
RT: 11.112 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

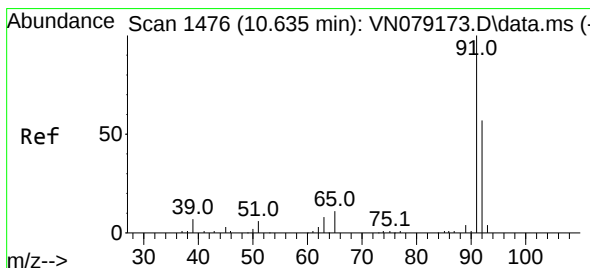
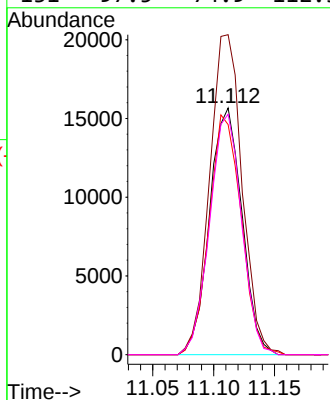
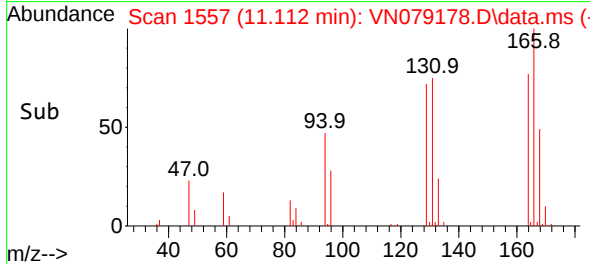
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01



Tgt Ion:164 Resp: 2904
Ion Ratio Lower Upper
164 100
166 129.7 101.9 152.9
129 93.2 83.4 125.0
131 97.5 74.9 112.3

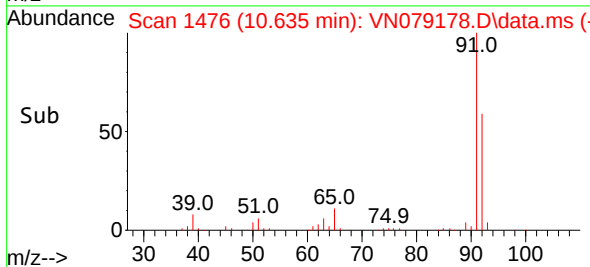
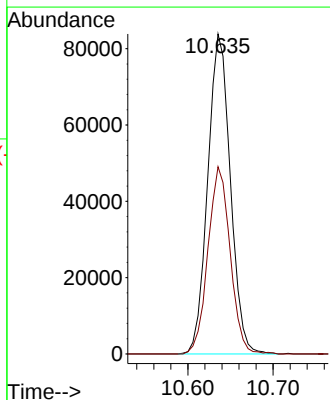
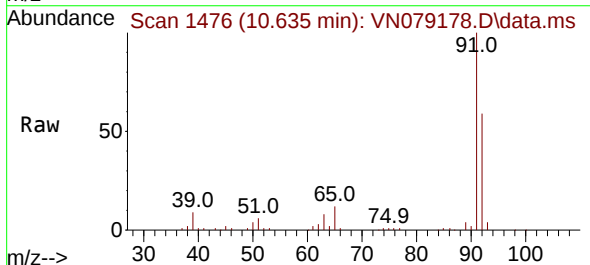
Manual Integrations
APPROVED

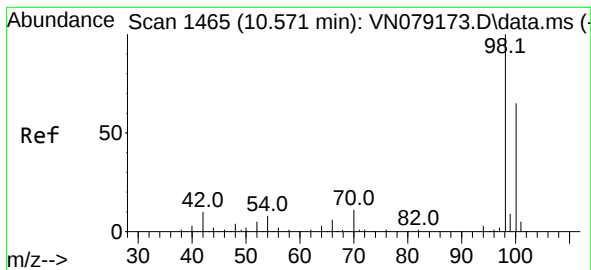
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023



#62
Toluene
Concen: 18.410 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Tgt Ion: 91 Resp: 154279
Ion Ratio Lower Upper
91 100
92 57.5 45.7 68.5





#63

Toluene-d8

Concen: 29.478 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN079178.D

Acq: 07 Sep 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

Tgt Ion: 98 Resp: 19827

Ion Ratio Lower Upper

98 100

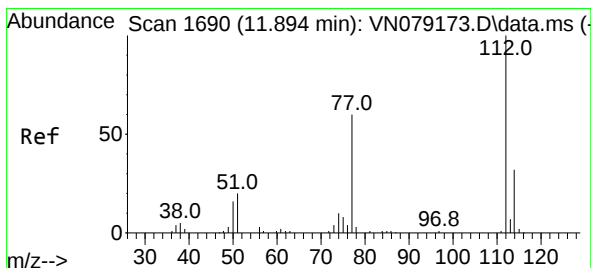
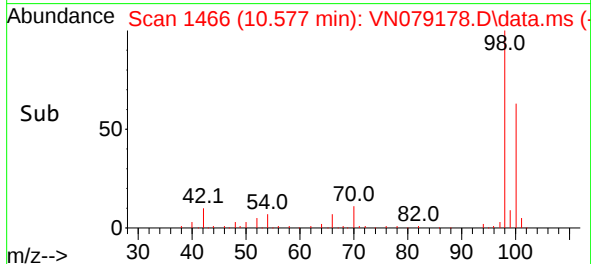
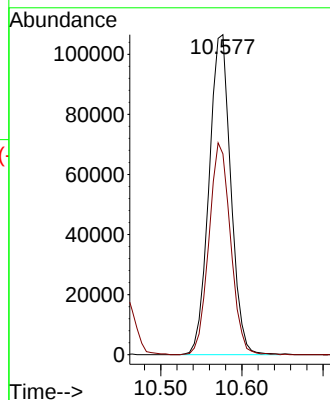
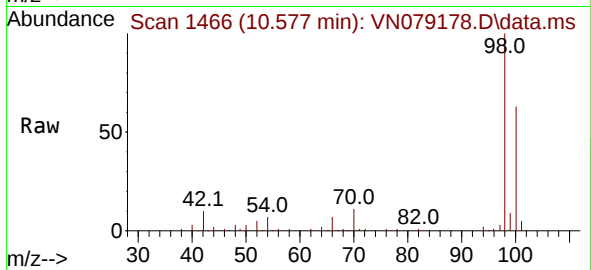
100 65.7 52.5 78.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Semsettin Yesilyurt 09/08/2023



#64

Chlorobenzene

Concen: 18.468 ug/l

RT: 11.900 min Scan# 1691

Delta R.T. 0.006 min

Lab File: VN079178.D

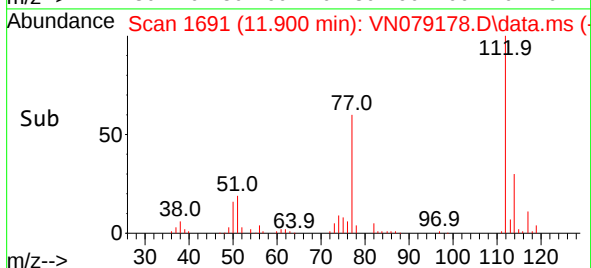
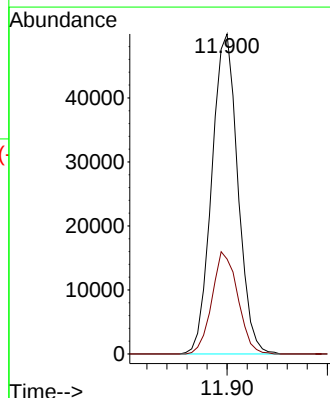
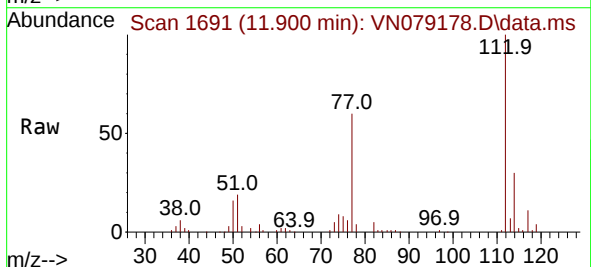
Acq: 07 Sep 2023 16:42

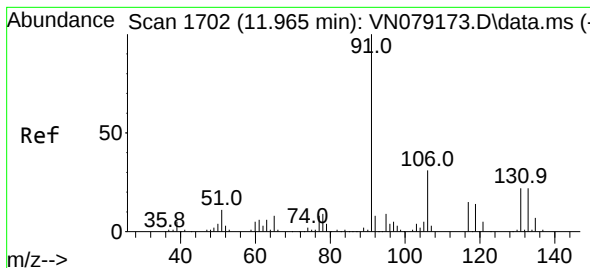
Tgt Ion:112 Resp: 90288

Ion Ratio Lower Upper

112 100

114 29.7 25.6 38.4





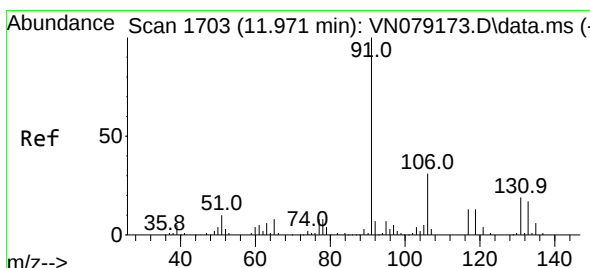
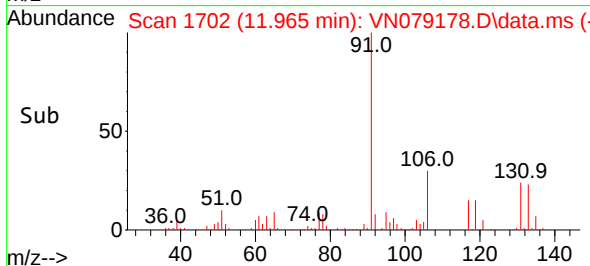
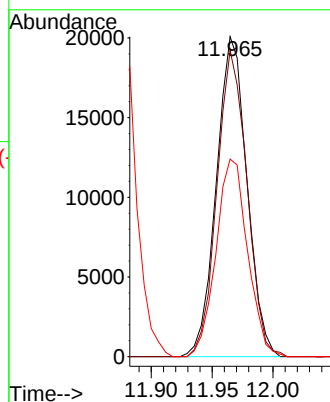
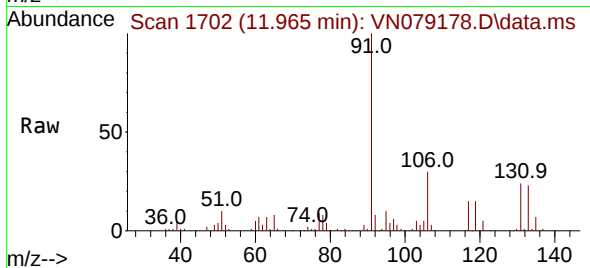
#65
1,1,1,2-Tetrachloroethane
Concen: 18.744 ug/l
RT: 11.965 min Scan# 1196
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

Tgt Ion:131 Resp: 35082
Ion Ratio Lower Upper
131 100
133 93.6 0.0 193.0
119 63.7 0.0 131.2

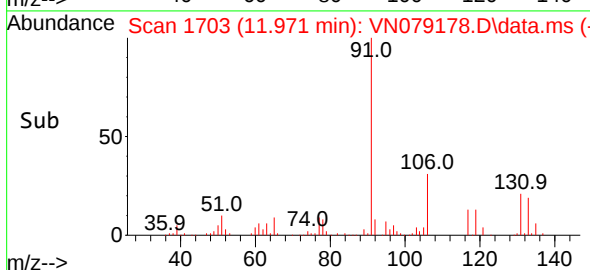
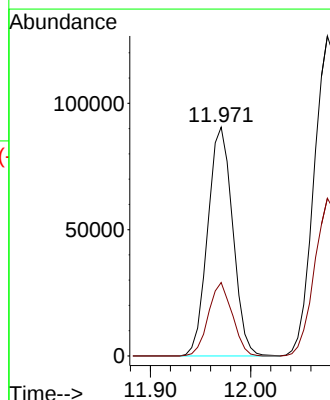
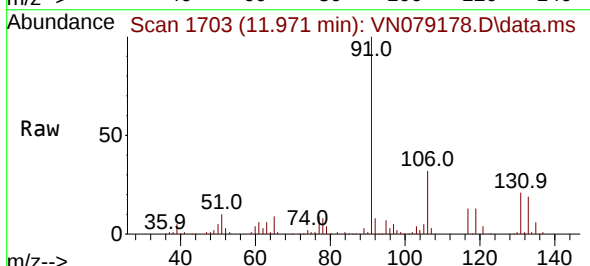
Manual Integrations
APPROVED

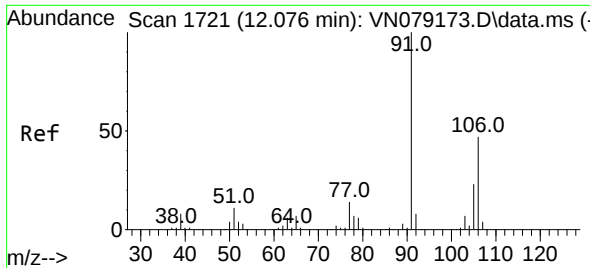
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023



#66
Ethyl Benzene
Concen: 18.618 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Tgt Ion: 91 Resp: 157096
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.6





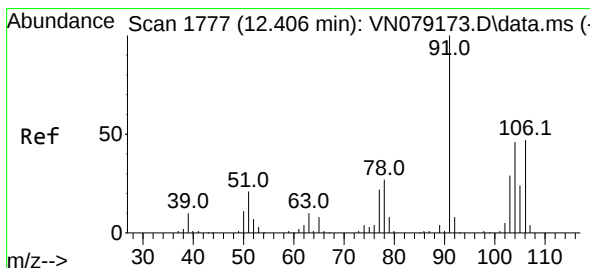
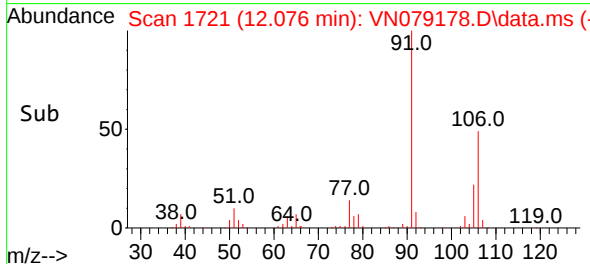
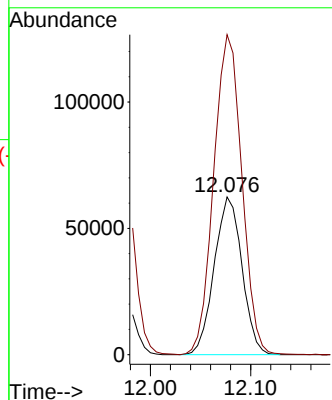
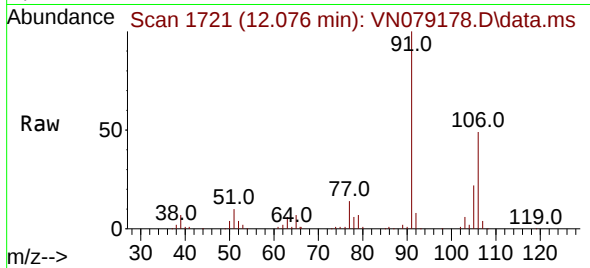
#67
m/p-Xylenes
Concen: 37.739 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

Tgt Ion:106 Resp: 11981
Ion Ratio Lower Upper
106 100
91 205.9 165.2 247.8

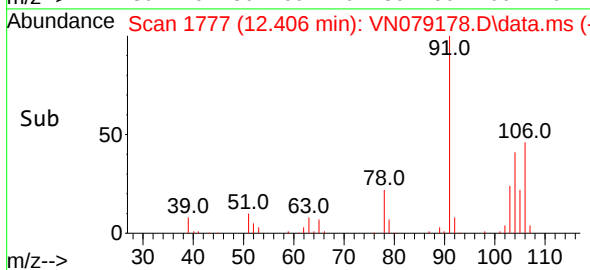
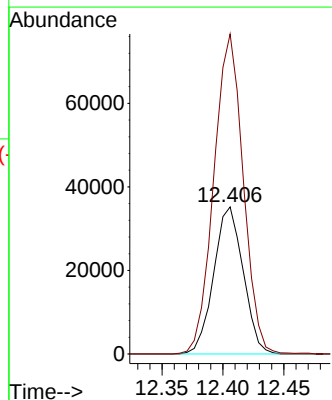
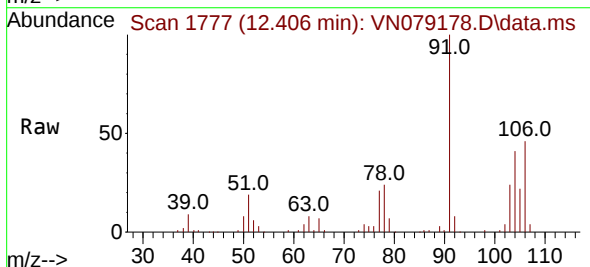
Manual Integrations
APPROVED

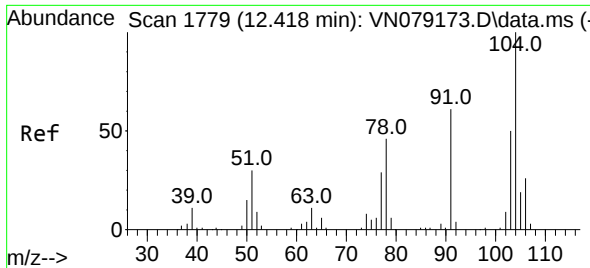
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023



#68
o-Xylene
Concen: 19.367 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Tgt Ion:106 Resp: 59299
Ion Ratio Lower Upper
106 100
91 216.9 109.7 329.1





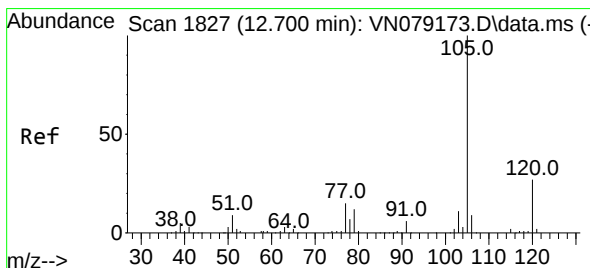
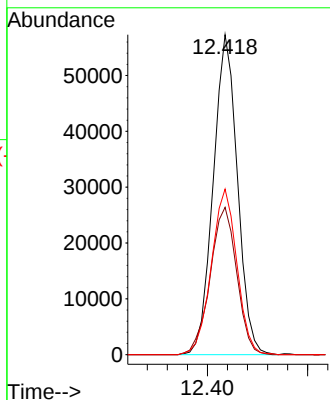
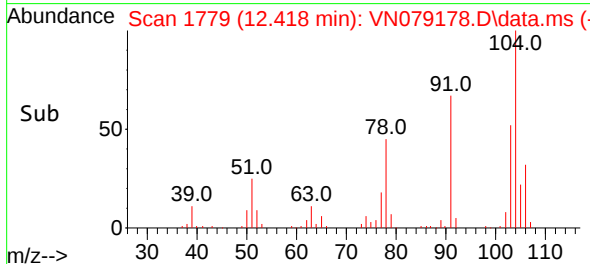
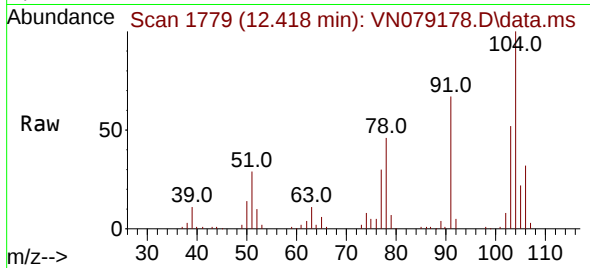
#69
Styrene
Concen: 19.664 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

Tgt Ion:104 Resp: 96032
Ion Ratio Lower Upper
104 100
78 50.4 40.5 60.7
103 54.7 43.3 64.9

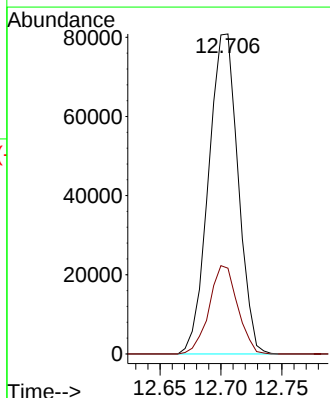
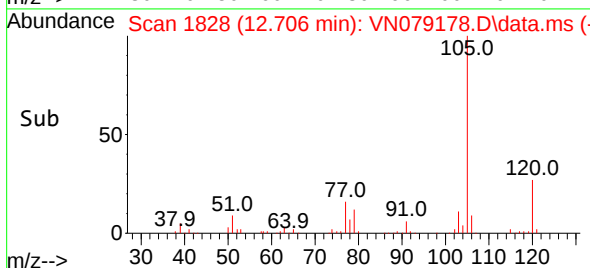
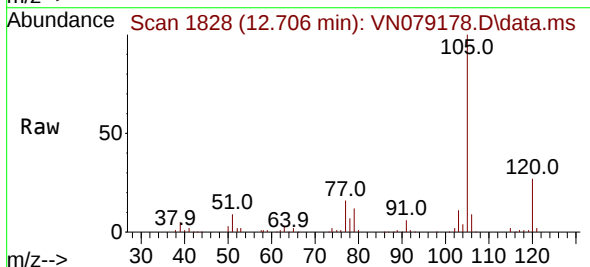
Manual Integrations
APPROVED

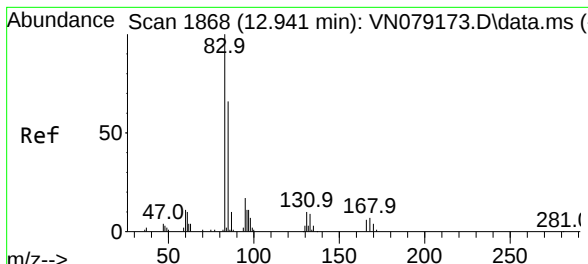
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023



#70
Isopropylbenzene
Concen: 17.587 ug/l
RT: 12.706 min Scan# 1828
Delta R.T. 0.006 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

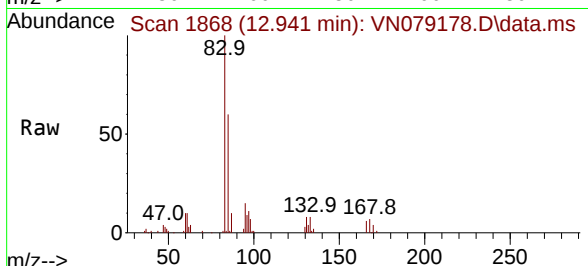
Tgt Ion:105 Resp: 136873
Ion Ratio Lower Upper
105 100
120 26.5 18.5 34.3





#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.632 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079178.D
 Acq: 07 Sep 2023 16:42

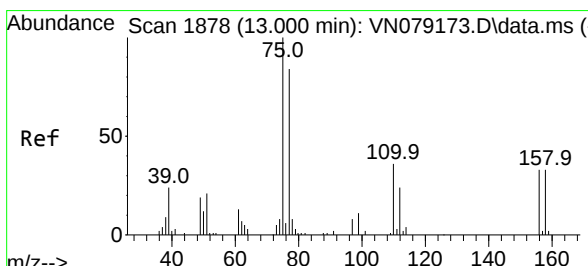
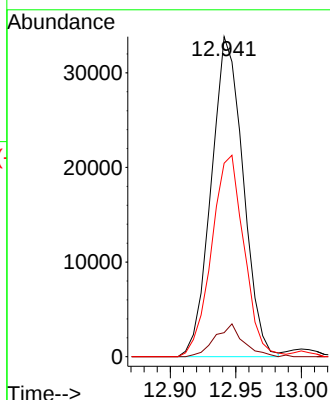
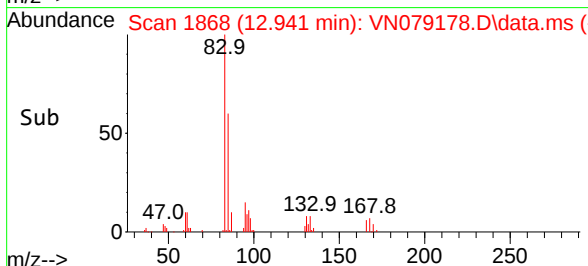
Instrument : MSVOA_N
 ClientSampleId : VN0907WBSD01



Tgt Ion: 83 Resp: 5715
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.9 14.6
 85 64.2 33.1 99.3

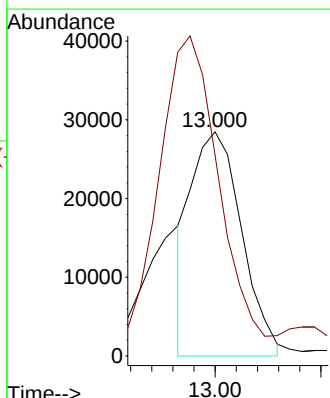
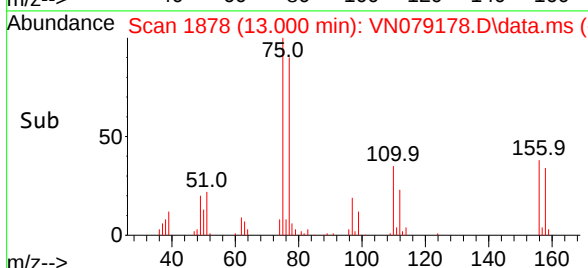
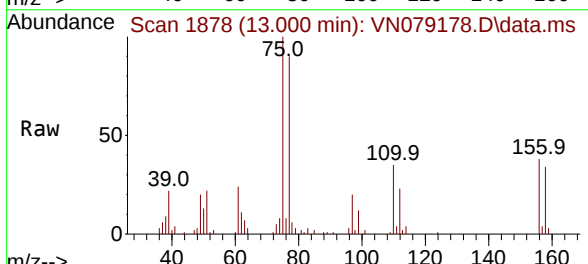
Manual Integrations
 APPROVED

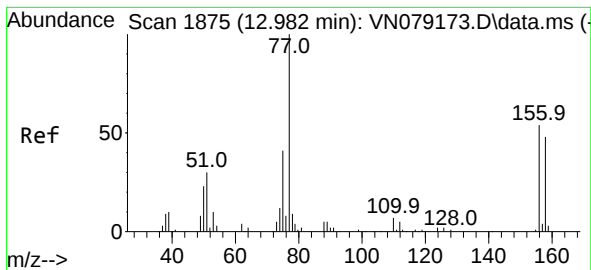
Reviewed By :John Carlone 09/08/2023
 Supervised By :Semsettin Yesilyurt 09/08/2023



#72
 1,2,3-Trichloropropane
 Concen: 19.293 ug/l m
 RT: 13.000 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN079178.D
 Acq: 07 Sep 2023 16:42

Tgt Ion: 75 Resp: 47261
 Ion Ratio Lower Upper
 75 100
 77 172.9 0.0 252.2





#73

Bromobenzene

Concen: 18.801 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VN079178.D

Acq: 07 Sep 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

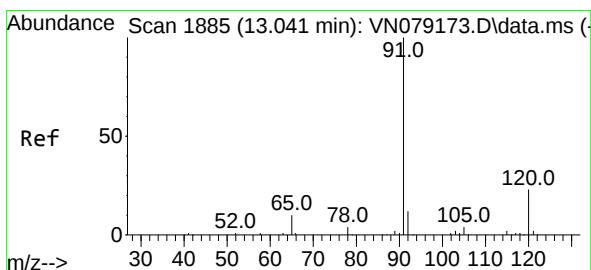
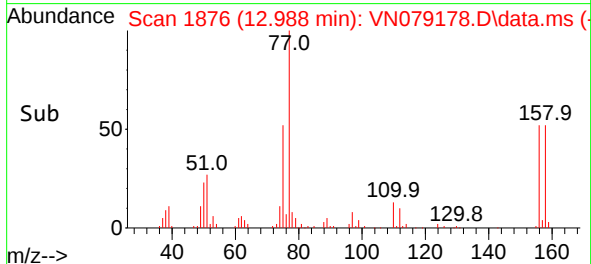
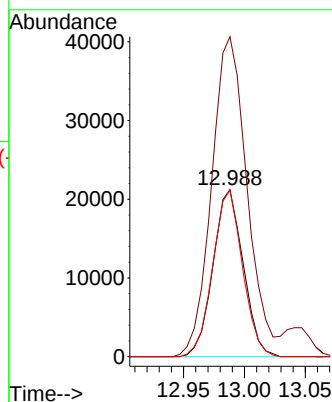
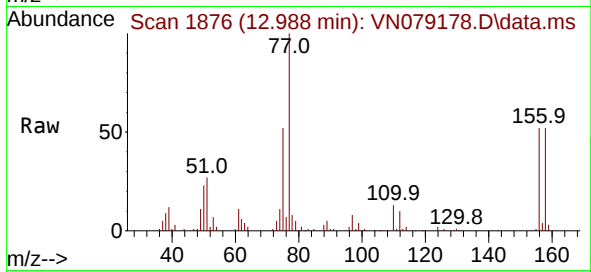
Tgt Ion:	156	Resp:	36550
Ion Ratio	Lower	Upper	
156	100		
77	223.6	0.0	446.6
158	98.2	0.0	188.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Semsettin Yesilyurt 09/08/2023



#74

n-propylbenzene

Concen: 19.131 ug/l

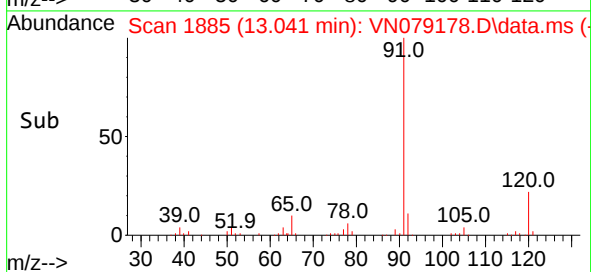
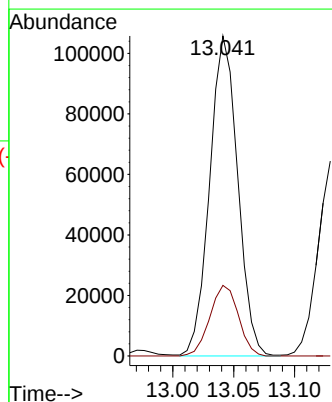
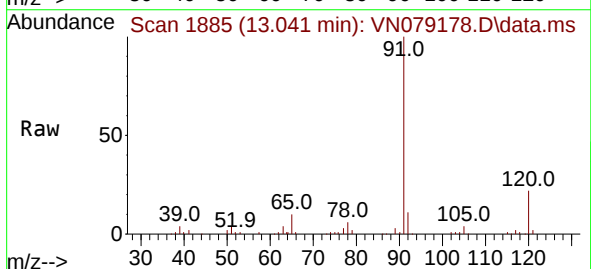
RT: 13.041 min Scan# 1885

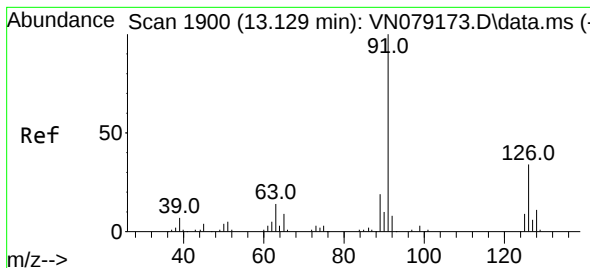
Delta R.T. 0.000 min

Lab File: VN079178.D

Acq: 07 Sep 2023 16:42

Tgt Ion:	91	Resp:	169646
Ion Ratio	Lower	Upper	
91	100		
120	22.4	0.0	44.0





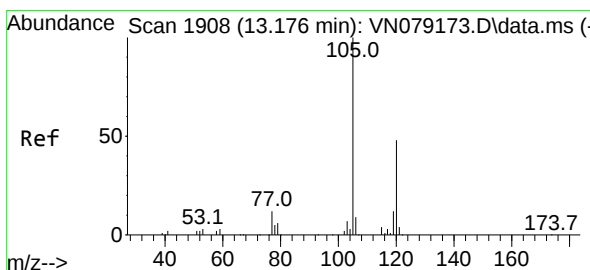
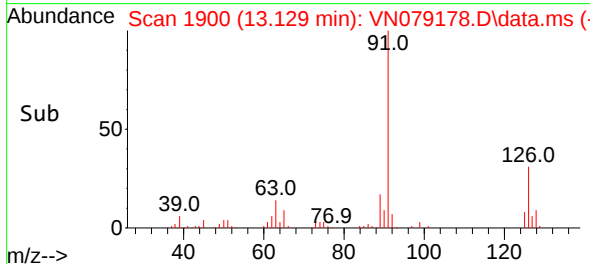
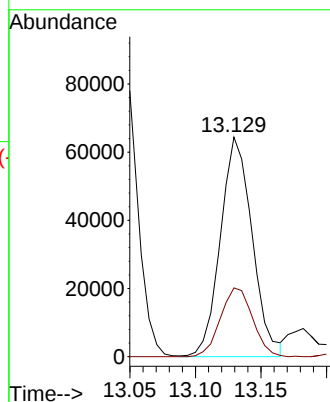
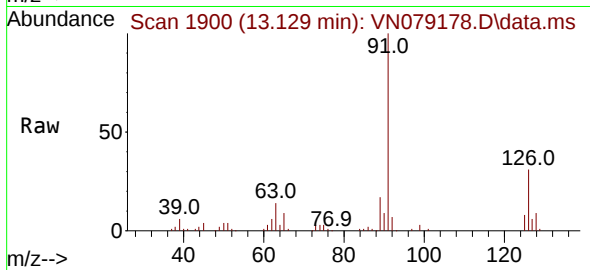
#75
2-Chlorotoluene
Concen: 19.090 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01

Tgt Ion: 91 Resp: 108544
Ion Ratio Lower Upper
91 100
126 31.6 0.0 65.4

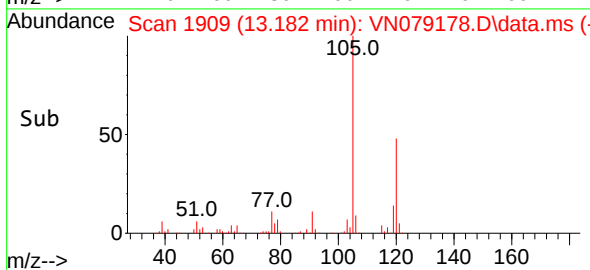
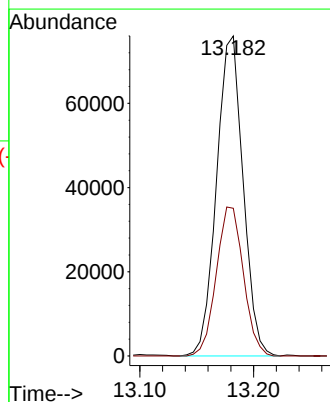
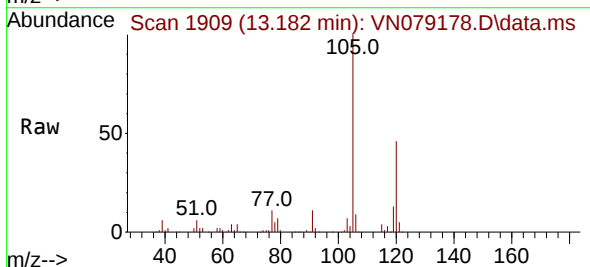
Manual Integrations
APPROVED

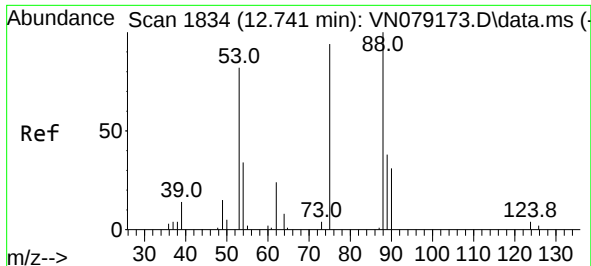
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.164 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

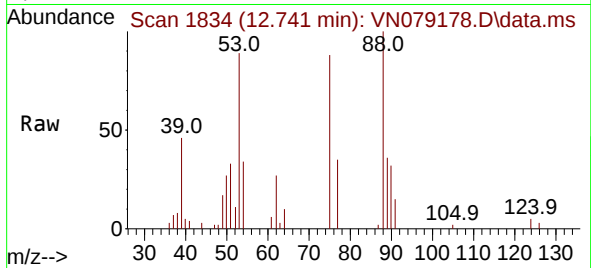
Tgt Ion:105 Resp: 123319
Ion Ratio Lower Upper
105 100
120 47.6 0.0 95.6





#77
t-1,4-Dichloro-2-butene
Concen: 16.149 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

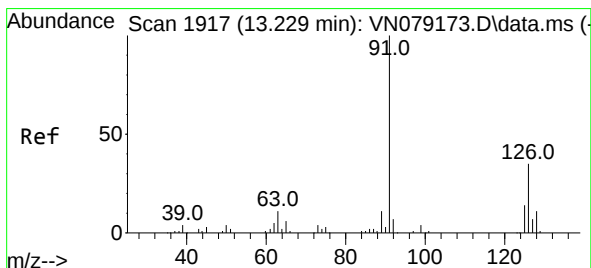
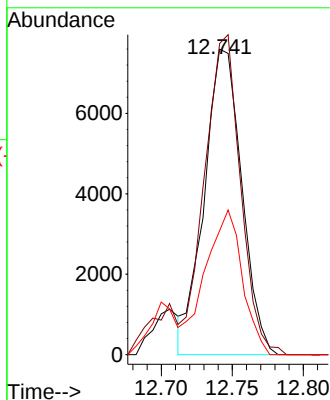
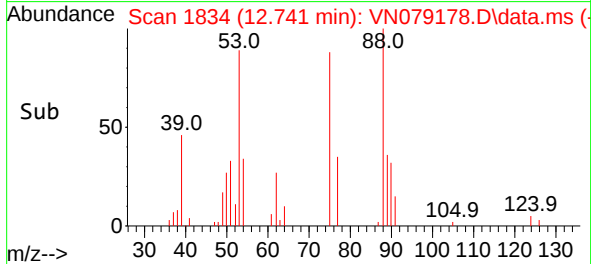
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01



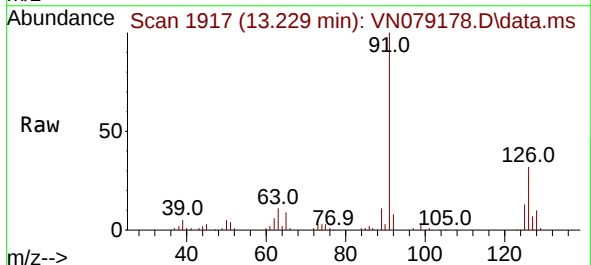
Tgt Ion: 75 Resp: 13928
Ion Ratio Lower Upper
75 100
53 99.5 44.1 132.4
89 40.6 22.4 67.3

Manual Integrations
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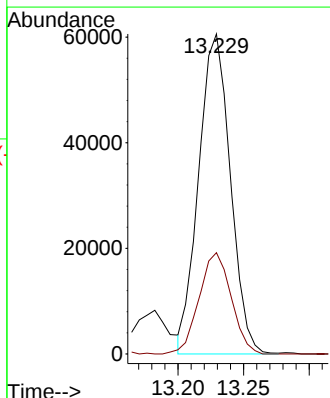
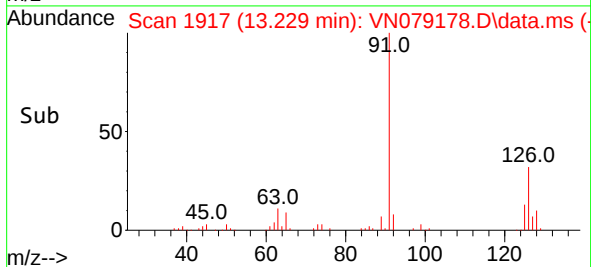
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023

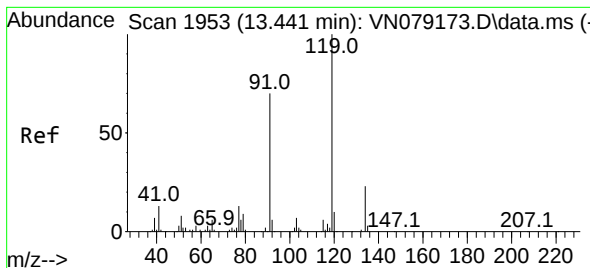


#78
4-Chlorotoluene
Concen: 18.959 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42



Tgt Ion: 91 Resp: 101790
Ion Ratio Lower Upper
91 100
126 32.1 0.0 66.6





#79

tert-butylbenzene

Concen: 19.290 ug/l

RT: 13.447 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN079178.D

Acq: 07 Sep 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

Tgt Ion:119 Resp: 10189

Ion Ratio Lower Upper

119 100

91 64.3 0.0 130.8

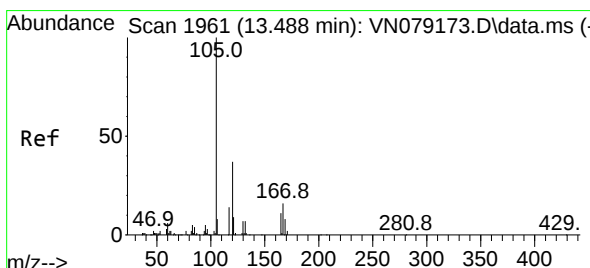
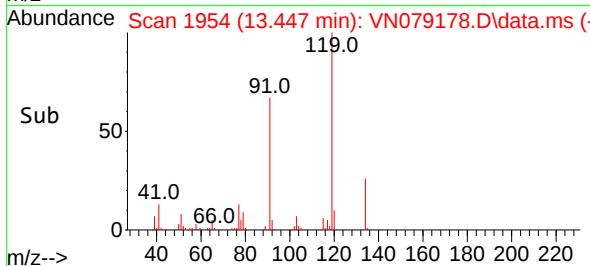
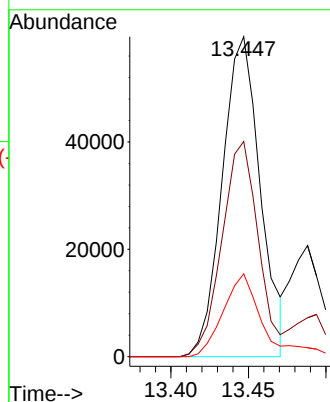
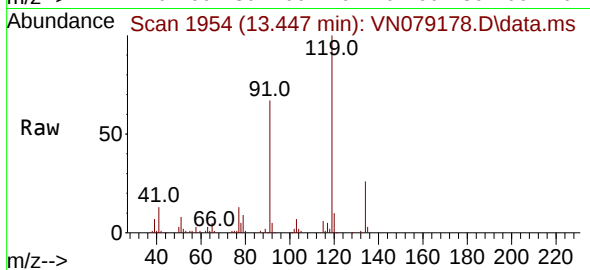
134 23.9 0.0 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Semsettin Yesilyurt 09/08/2023



#80

1,2,4-Trimethylbenzene

Concen: 19.440 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079178.D

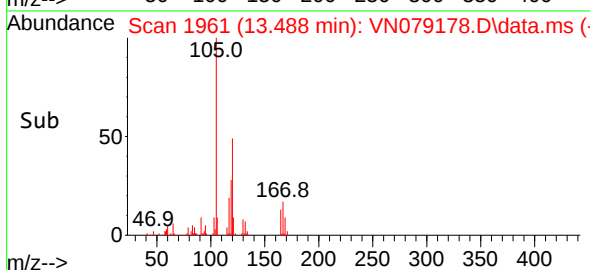
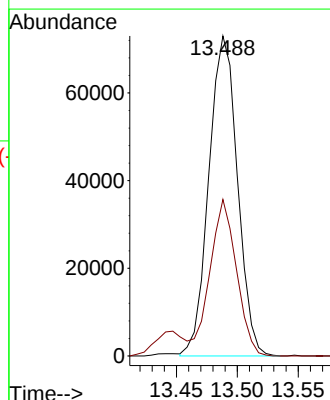
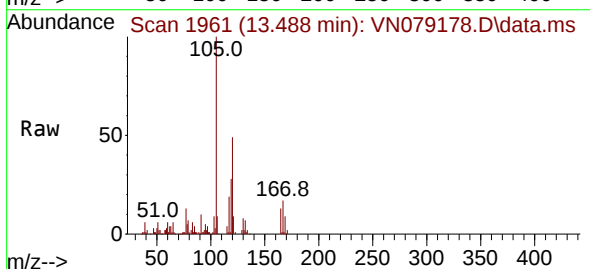
Acq: 07 Sep 2023 16:42

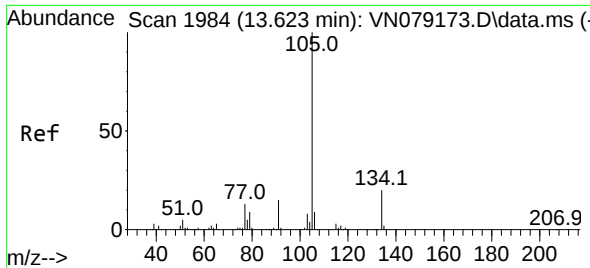
Tgt Ion:105 Resp: 119470

Ion Ratio Lower Upper

105 100

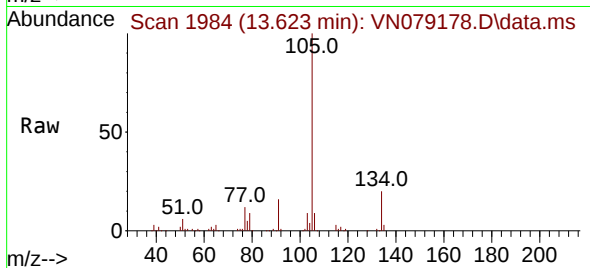
120 45.6 0.0 90.0





#81
 sec-Butylbenzene
 Concen: 19.015 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079178.D
 Acq: 07 Sep 2023 16:42

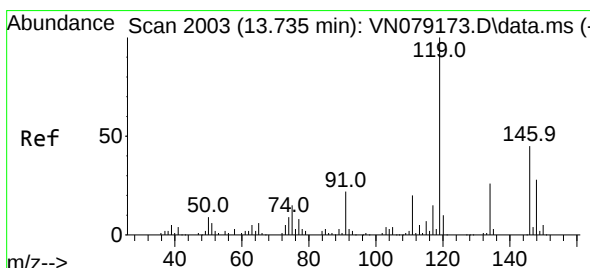
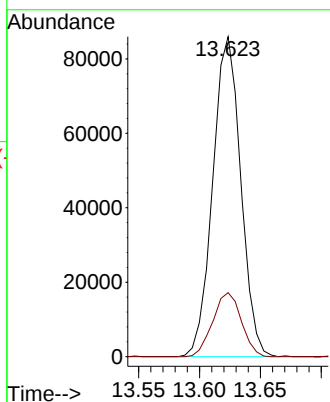
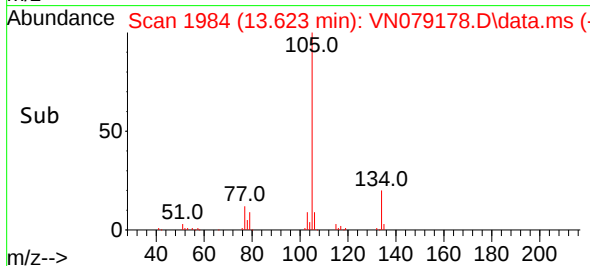
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBSD01



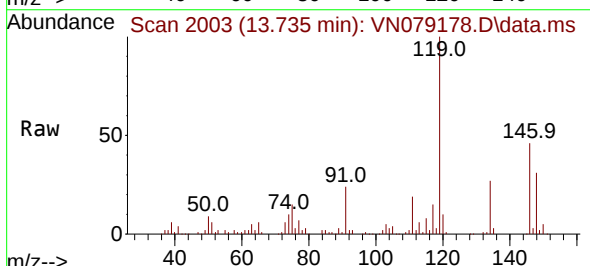
Tgt Ion:105 Resp: 137423
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 38.6

Manual Integrations
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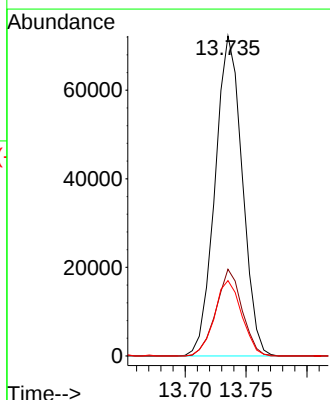
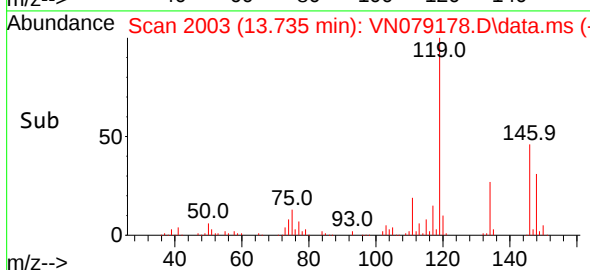
Reviewed By :John Carlone 09/08/2023
 Supervised By :Semsettin Yesilyurt 09/08/2023

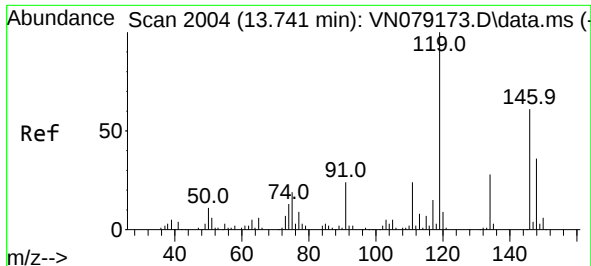


#82
 p-Isopropyltoluene
 Concen: 19.694 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079178.D
 Acq: 07 Sep 2023 16:42



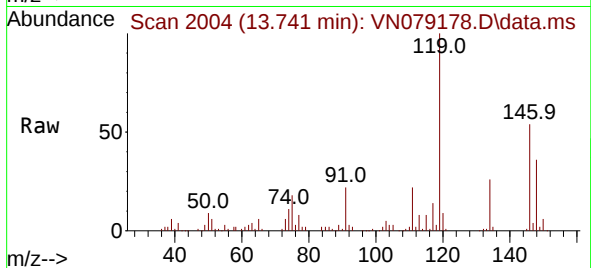
Tgt Ion:119 Resp: 112423
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 53.8
 91 23.6 0.0 48.0





#83
1,3-Dichlorobenzene
Concen: 19.520 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

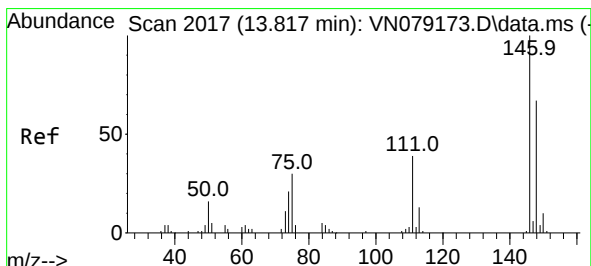
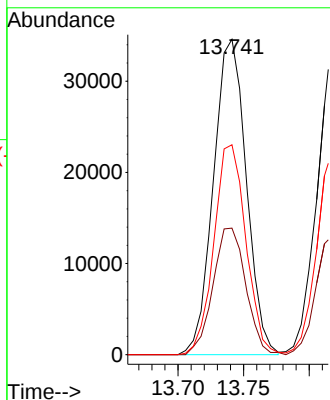
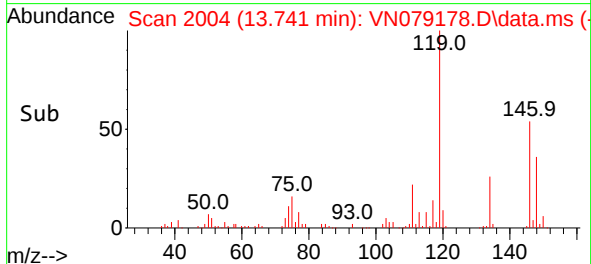
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01



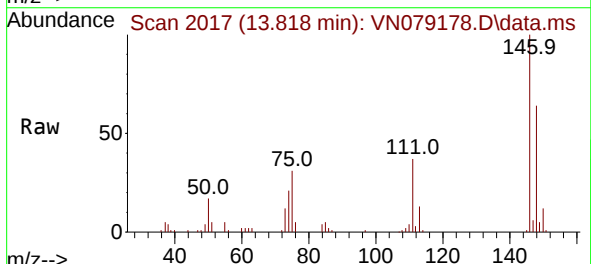
Tgt Ion:146 Resp: 60268
Ion Ratio Lower Upper
146 100
111 40.1 20.5 61.5
148 64.8 31.8 95.3

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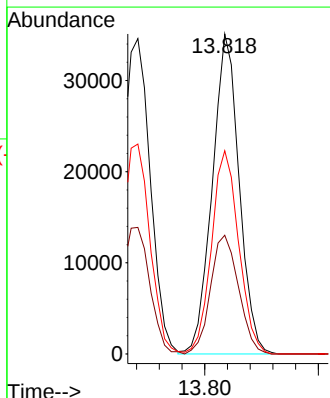
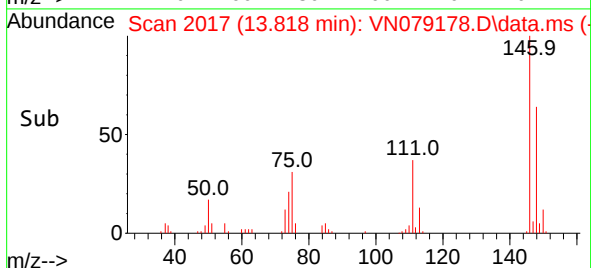
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023

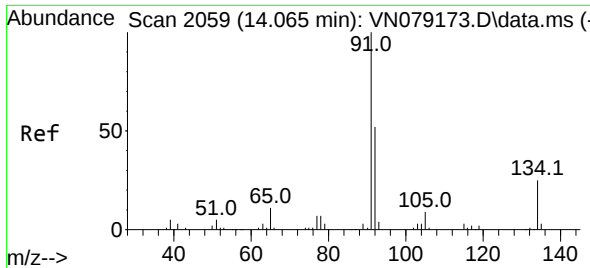


#84
1,4-Dichlorobenzene
Concen: 19.900 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.001 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42



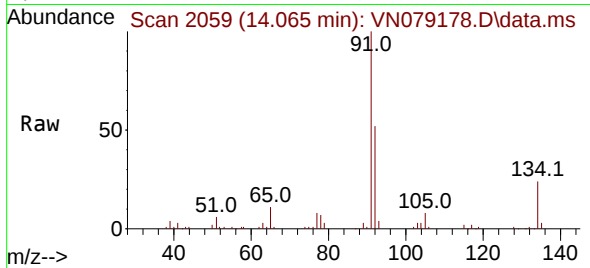
Tgt Ion:146 Resp: 57623
Ion Ratio Lower Upper
146 100
111 38.7 19.5 58.5
148 64.3 32.1 96.5





#85
n-Butylbenzene
Concen: 19.659 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

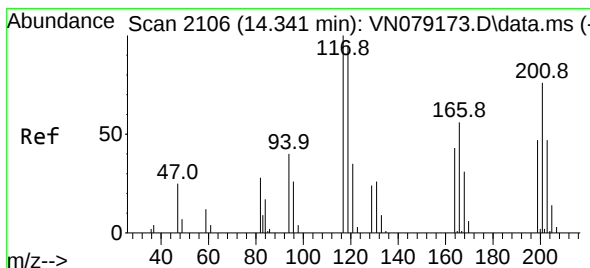
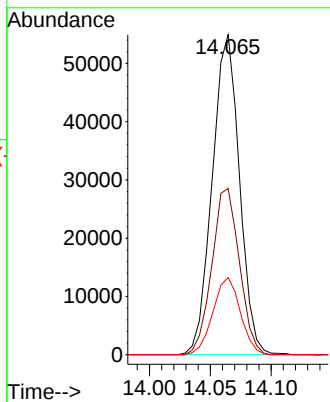
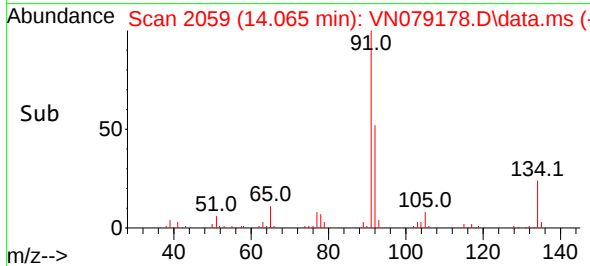
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01



Tgt Ion: 91 Resp: 85474
Ion Ratio Lower Upper
91 100
92 52.5 0.0 105.0
134 24.2 0.0 49.6

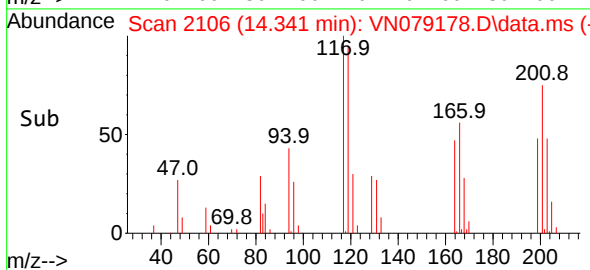
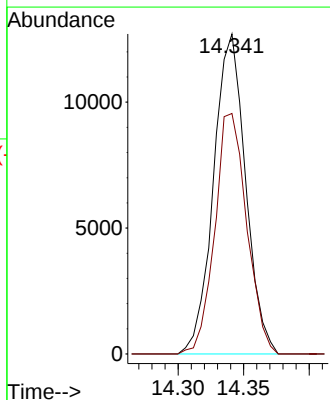
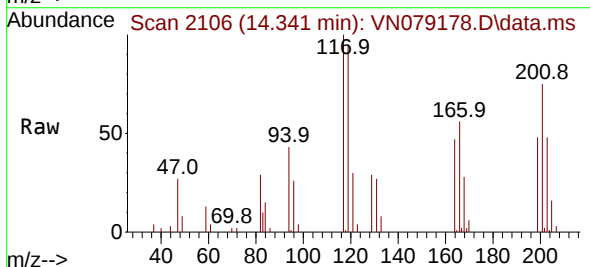
Manual Integrations
APPROVED

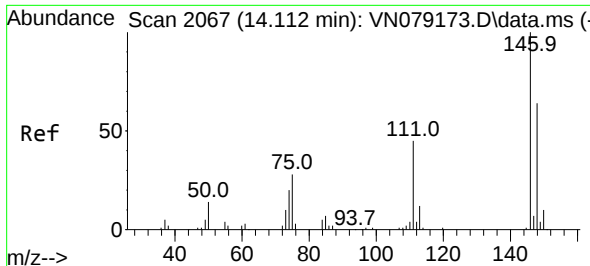
Reviewed By :John Carlone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023



#86
Hexachloroethane
Concen: 19.106 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

Tgt Ion:117 Resp: 21594
Ion Ratio Lower Upper
117 100
201 74.9 37.2 111.6





#87

1,2-Dichlorobenzene

Concen: 20.072 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN079178.D

Acq: 07 Sep 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

Tgt Ion:146 Resp: 61150

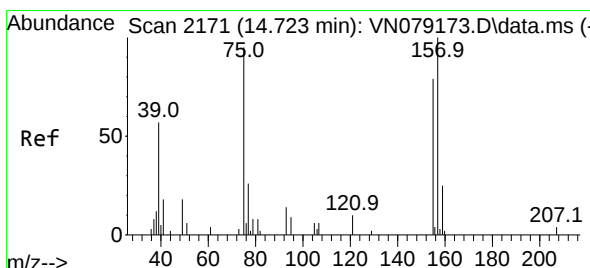
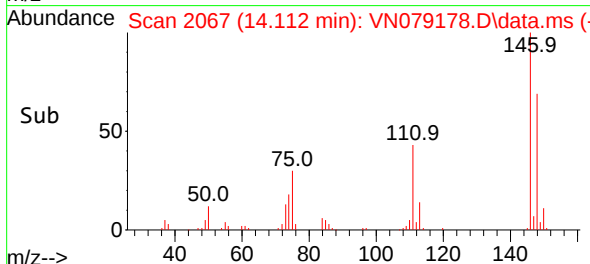
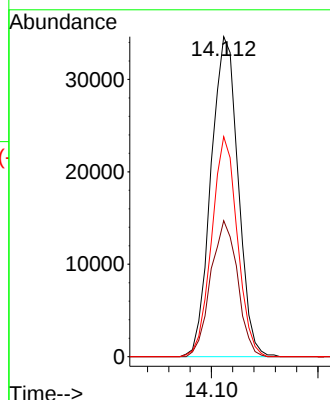
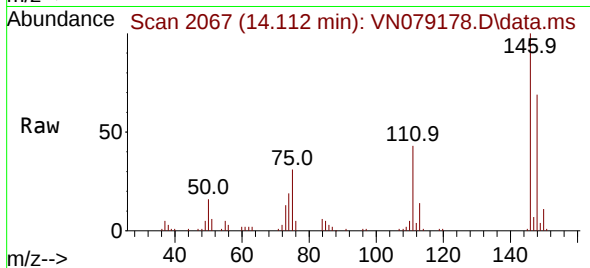
Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.5	64.5
148	65.1	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/08/2023

Supervised By :Semsettin Yesilyurt 09/08/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.223 ug/l

RT: 14.723 min Scan# 2171

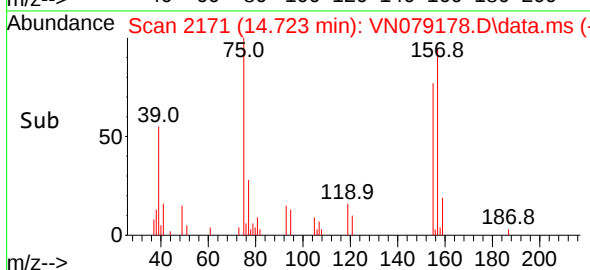
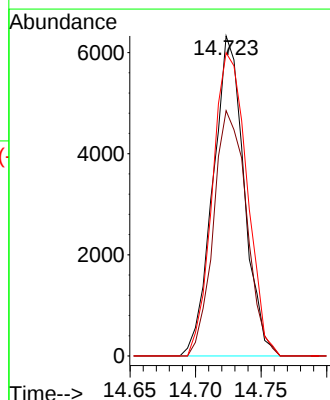
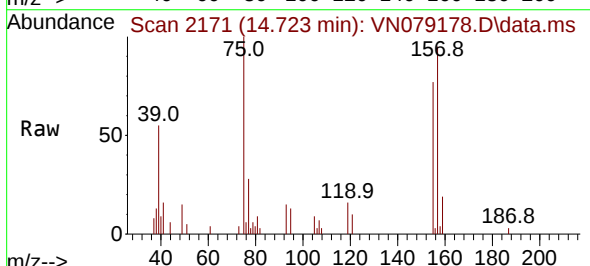
Delta R.T. 0.000 min

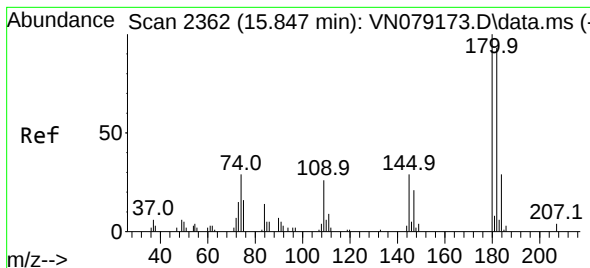
Lab File: VN079178.D

Acq: 07 Sep 2023 16:42

Tgt Ion: 75 Resp: 10444

Ion	Ratio	Lower	Upper
75	100		
155	81.4	68.1	102.1
157	104.9	83.9	125.9





#89

1,2,4-Trichlorobenzene

Concen: 19.901 ug/l

RT: 15.847 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079178.D

Acq: 07 Sep 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBSD01

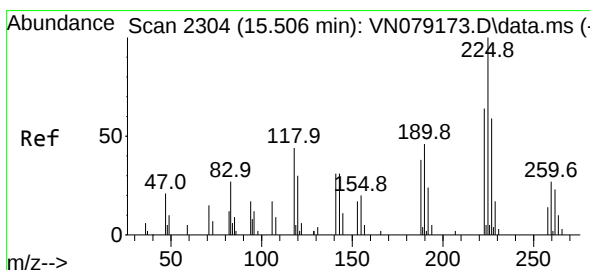
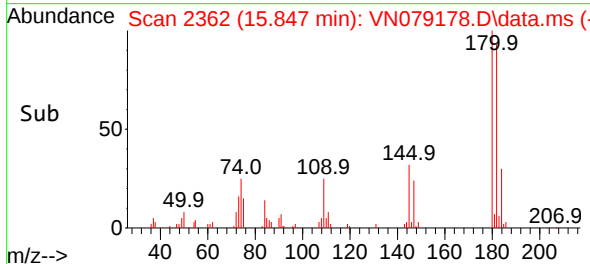
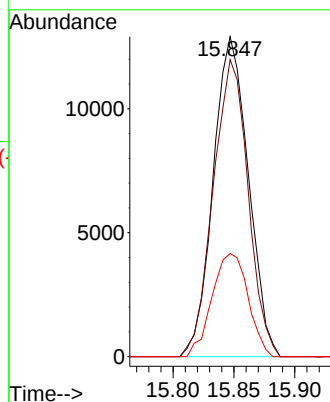
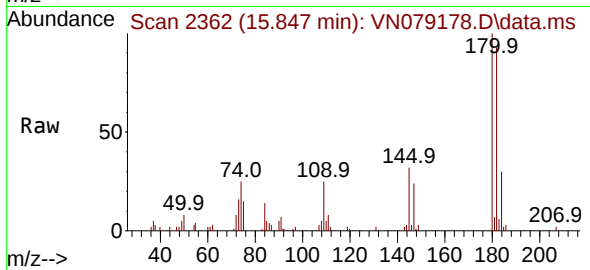
Tgt Ion:	180	Resp:	2594
Ion Ratio	Lower	Upper	
180	100		
182	92.0	74.5	111.7
145	33.0	26.2	39.2

Manual Integrations

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Reviewed By :John Carlone 09/08/2023

Supervised By :Semsettin Yesilyurt 09/08/2023



#90

Hexachlorobutadiene

Concen: 18.807 ug/l

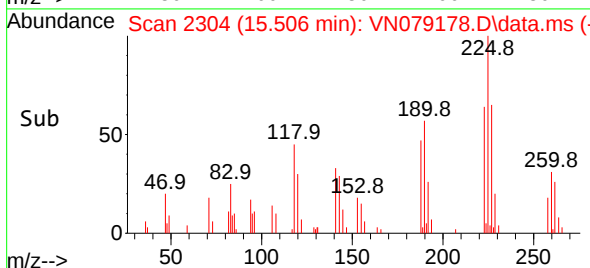
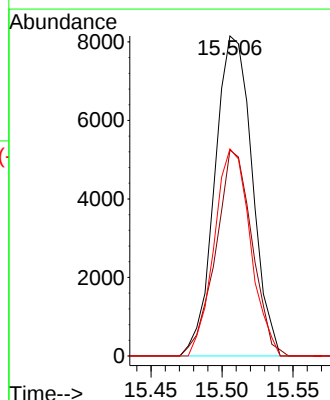
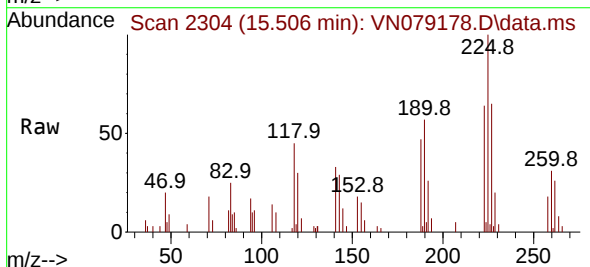
RT: 15.506 min Scan# 2304

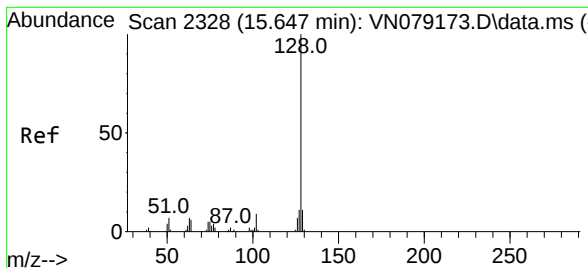
Delta R.T. -0.000 min

Lab File: VN079178.D

Acq: 07 Sep 2023 16:42

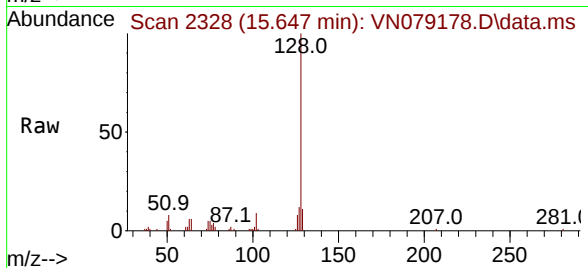
Tgt Ion:	225	Resp:	14894
Ion Ratio	Lower	Upper	
225	100		
223	62.5	0.0	125.6
227	62.6	0.0	124.0





#91
Naphthalene
Concen: 18.925 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42

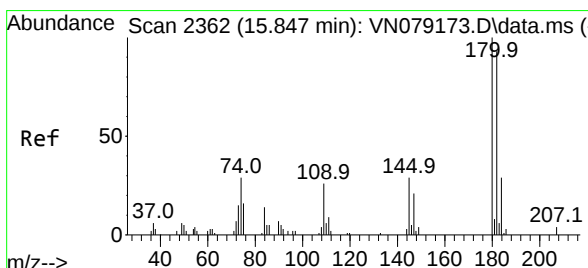
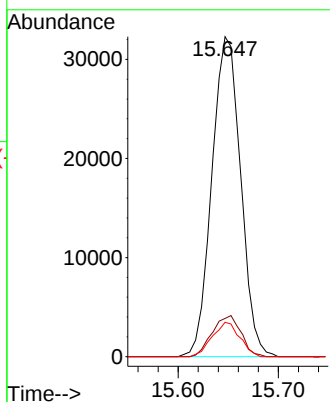
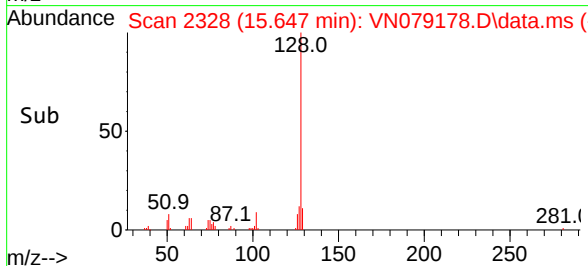
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBSD01



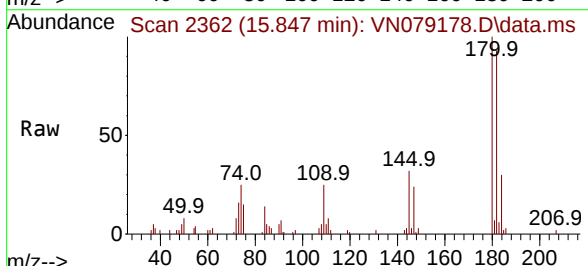
Tgt Ion:128 Resp: 64479
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.3 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :John Carbone 09/08/2023
Supervised By :Semsettin Yesilyurt 09/08/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.901 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079178.D
Acq: 07 Sep 2023 16:42



Tgt Ion:180 Resp: 25947
Ion Ratio Lower Upper
180 100
182 92.0 0.0 186.2
145 33.0 0.0 65.4

