

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071323\
 Data File : VN078492.D
 Acq On : 13 Jul 2023 12:33
 Operator : JC\MD
 Sample : VN0713WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/14/2023
 Supervised By : Semsettin Yesilyurt 07/14/2023

Quant Time: Jul 14 01:31:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	421908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	746397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	659581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	248433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	304423	53.822	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.640%			
35) Dibromofluoromethane	8.177	113	263560	52.017	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.040%			
50) Toluene-d8	10.576	98	961781	50.248	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.500%			
62) 4-Bromofluorobenzene	12.853	95	294020	49.870	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	87677	16.950	ug/l	97
3) Chloromethane	2.371	50	111853	19.894	ug/l	97
4) Vinyl Chloride	2.518	62	130163	17.896	ug/l	96
5) Bromomethane	2.959	94	92886	16.900	ug/l	96
6) Chloroethane	3.124	64	90937	19.497	ug/l	90
7) Trichlorofluoromethane	3.500	101	157892	18.161	ug/l	94
8) Diethyl Ether	3.971	74	54021	18.649	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.383	101	88797	19.294	ug/l	96
10) Methyl Iodide	4.595	142	114795	18.151	ug/l	95
11) Tert butyl alcohol	5.547	59	92095	105.590	ug/l	99
12) 1,1-Dichloroethene	4.347	96	81127	18.223	ug/l	99
13) Acrolein	4.189	56	97632	113.774	ug/l	99
14) Allyl chloride	5.036	41	104693	17.210	ug/l	92
15) Acrylonitrile	5.736	53	220734	100.165	ug/l	96
16) Acetone	4.442	43	178254	101.172	ug/l	96
17) Carbon Disulfide	4.724	76	212561	16.512	ug/l	97
18) Methyl Acetate	5.042	43	151159	20.267	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	294439	20.073	ug/l	98
20) Methylene Chloride	5.283	84	103202	19.679	ug/l #	87
21) trans-1,2-Dichloroethene	5.794	96	94966	18.930	ug/l	100
22) Diisopropyl ether	6.683	45	277354	20.362	ug/l #	92
23) Vinyl Acetate	6.618	43	846453	97.748	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	176610	19.242	ug/l	97
25) 2-Butanone	7.500	43	283978	102.392	ug/l	89
26) 2,2-Dichloropropane	7.500	77	140544	18.722	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	113023	19.475	ug/l	94
28) Bromochloromethane	7.824	49	95826	22.166	ug/l	91
29) Tetrahydrofuran	7.853	42	182947	100.529	ug/l	85
30) Chloroform	7.977	83	194247	20.328	ug/l	89
31) Cyclohexane	8.265	56	135159	17.682	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	162321	18.946	ug/l	95
36) 1,1-Dichloropropene	8.383	75	132107	18.057	ug/l	98
37) Ethyl Acetate	7.571	43	117358	19.243	ug/l #	95
38) Carbon Tetrachloride	8.365	117	148840	18.719	ug/l	97
39) Methylcyclohexane	9.612	83	119377	17.876	ug/l	89
40) Benzene	8.612	78	405770	18.721	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	58298	18.751	ug/l	95
42) 1,2-Dichloroethane	8.677	62	145686	19.762	ug/l	100
43) Isopropyl Acetate	8.700	43	200059	19.925	ug/l	96
44) Trichloroethene	9.359	130	106080	18.159	ug/l	94
45) 1,2-Dichloropropane	9.629	63	105023	19.132	ug/l	99
46) Dibromomethane	9.718	93	78283	20.261	ug/l	96
47) Bromodichloromethane	9.894	83	153261	19.788	ug/l	92
48) Methyl methacrylate	9.688	41	91538	19.678	ug/l	87
49) 1,4-Dioxane	9.700	88	42392	417.875	ug/l	91
51) 4-Methyl-2-Pentanone	10.453	43	617853	103.452	ug/l	92
52) Toluene	10.635	92	255697	19.035	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	156268	19.695	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	167313	19.782	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	105738	19.978	ug/l	98
56) Ethyl methacrylate	10.882	69	145968	19.730	ug/l	91
57) 1,3-Dichloropropane	11.171	76	176899	19.658	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	233399	88.523	ug/l	94
59) 2-Hexanone	11.200	43	436659	102.873	ug/l	90
60) Dibromochloromethane	11.365	129	116539	19.945	ug/l	99
61) 1,2-Dibromoethane	11.476	107	106921	19.611	ug/l	99
64) Tetrachloroethene	11.112	164	98726	19.909	ug/l	94
65) Chlorobenzene	11.900	112	273217	18.532	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	108816	19.186	ug/l	97
67) Ethyl Benzene	11.970	91	456971	18.337	ug/l	100
68) m/p-Xylenes	12.082	106	349234	37.903	ug/l	96
69) o-Xylene	12.406	106	174330	18.732	ug/l	100
70) Styrene	12.418	104	278739	19.144	ug/l	98
71) Bromoform	12.582	173	74422	19.375	ug/l #	98
73) Isopropylbenzene	12.700	105	427825	18.327	ug/l	100
74) N-amyl acetate	12.500	43	147806	18.373	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	151259	21.429	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	120812m	20.119	ug/l	
77) Bromobenzene	12.988	156	104505	19.648	ug/l	97
78) n-propylbenzene	13.041	91	472572	18.929	ug/l	100
79) 2-Chlorotoluene	13.129	91	309762	18.943	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	351415	19.053	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	41877	18.326	ug/l	96
82) 4-Chlorotoluene	13.229	91	286630	18.790	ug/l	99
83) tert-Butylbenzene	13.447	119	288531	18.425	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	339245	18.936	ug/l	98
85) sec-Butylbenzene	13.623	105	360567	18.216	ug/l	98
86) p-Isopropyltoluene	13.735	119	289256	18.200	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	169109	18.870	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	162325	17.983	ug/l	97
89) n-Butylbenzene	14.059	91	210592	18.519	ug/l	98
90) Hexachloroethane	14.335	117	56777	18.929	ug/l	87
91) 1,2-Dichlorobenzene	14.112	146	169748	19.034	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22973	19.381	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	42752	15.020	ug/l	96
94) Hexachlorobutadiene	15.511	225	30603	18.147	ug/l	98
95) Naphthalene	15.647	128	136394	14.017	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	51646	15.780	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

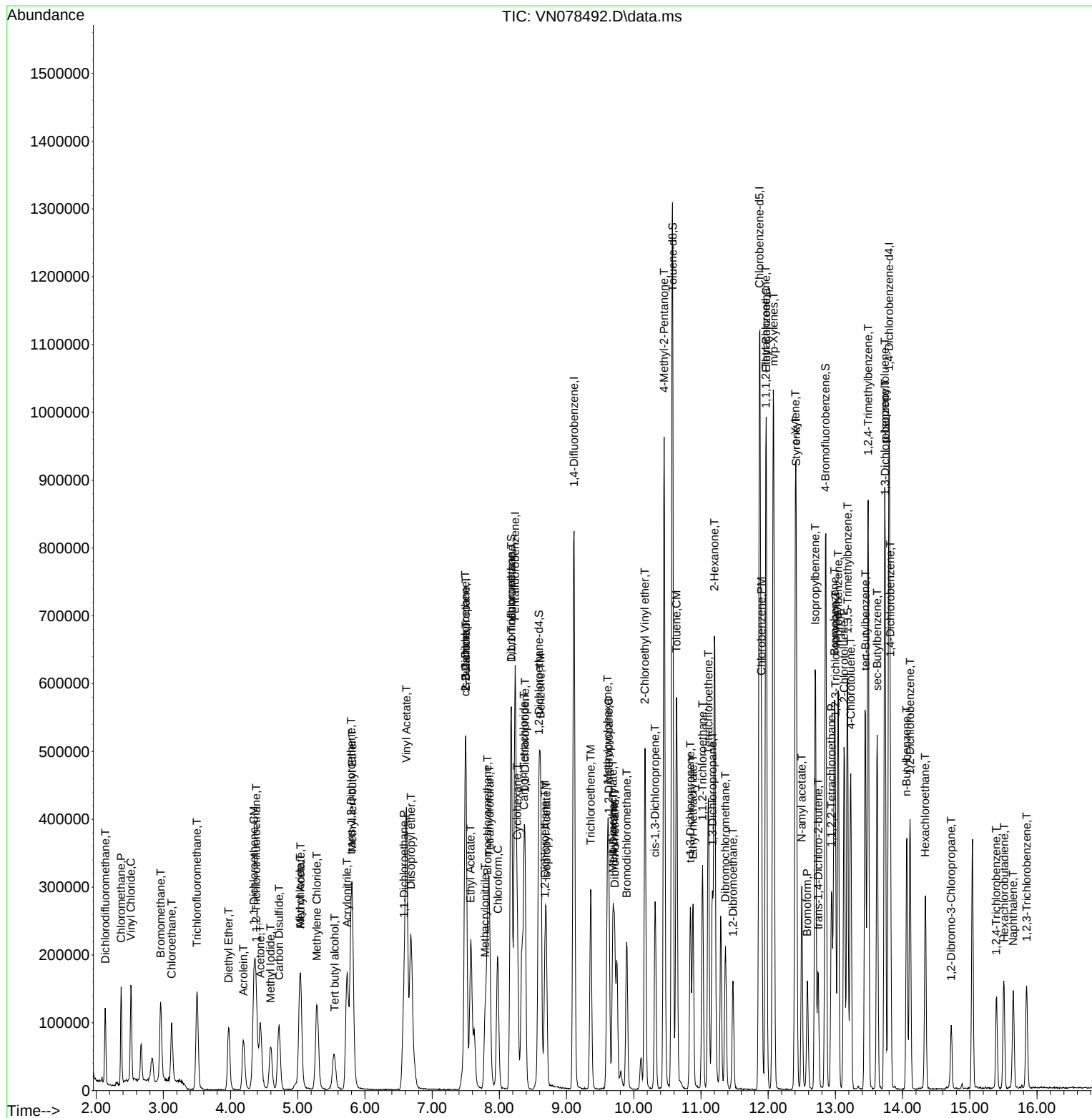
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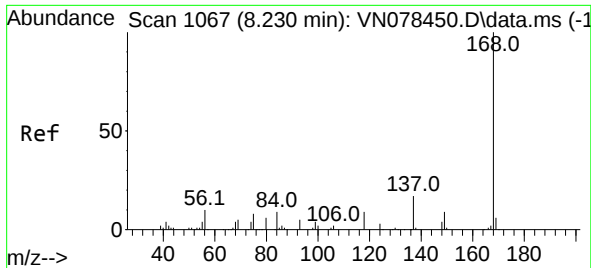
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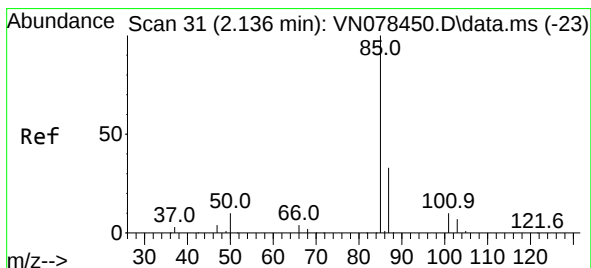
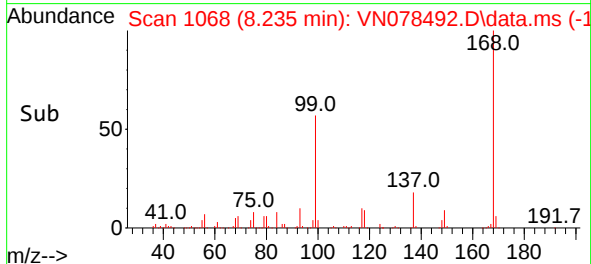
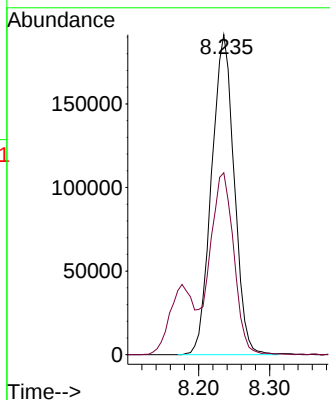
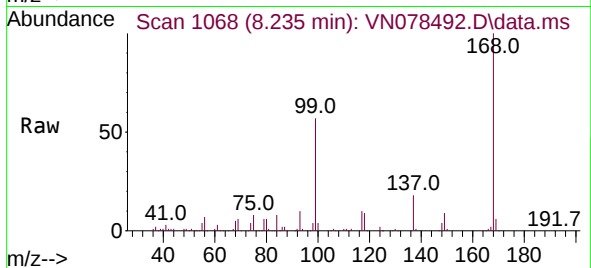
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078492.D
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ClientSampleId :
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Tgt Ion:168 Resp: 421908
Ion Ratio Lower Upper
168 100
99 56.6 53.0 79.6

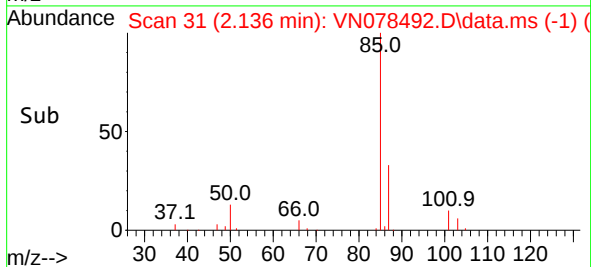
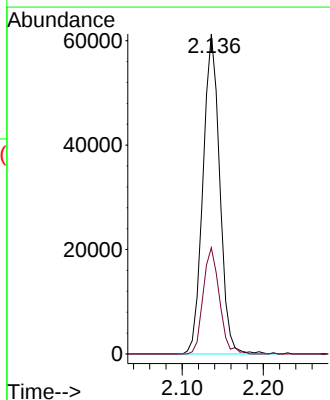
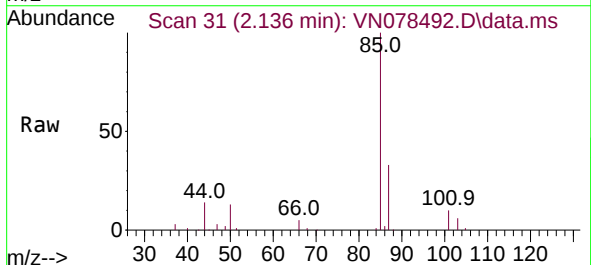
Manual Integrations
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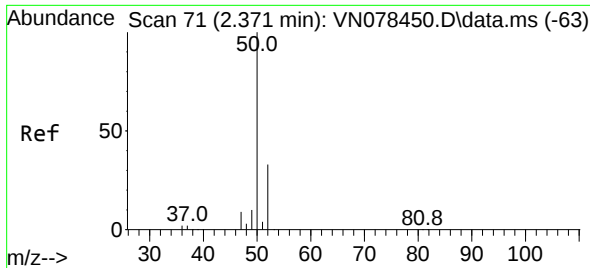
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#2
Dichlorodifluoromethane
Concen: 16.950 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

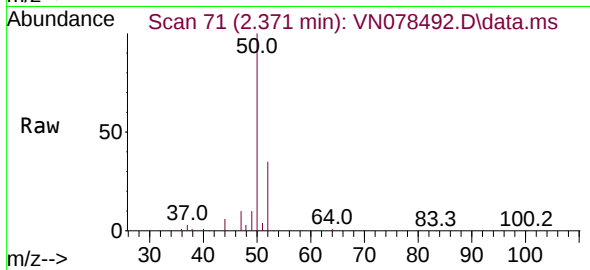
Tgt Ion: 85 Resp: 87677
Ion Ratio Lower Upper
85 100
87 33.2 15.8 47.4





#3
Chloromethane
Concen: 19.894 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

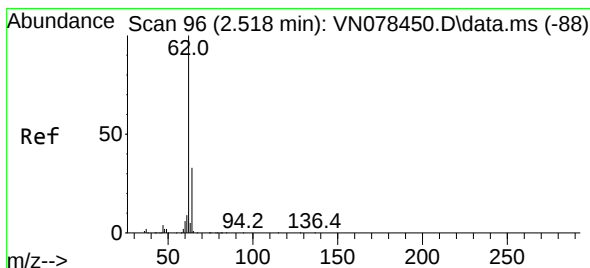
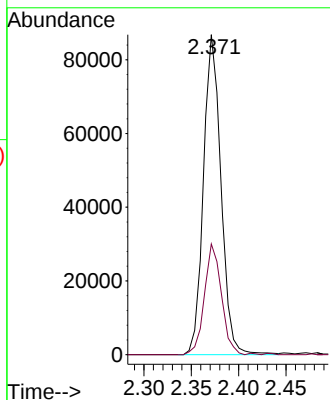
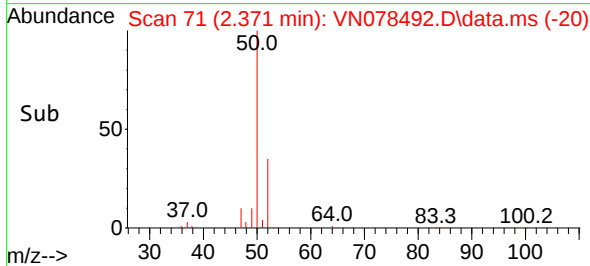
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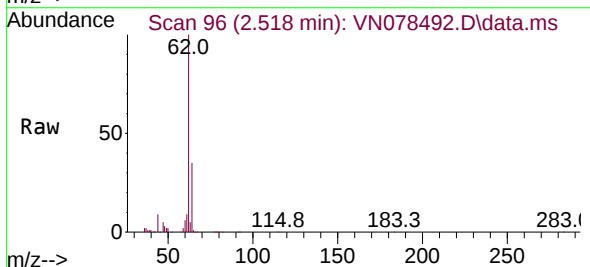
Tgt Ion: 50 Resp: 11185
Ion Ratio Lower Upper
50 100
52 34.6 26.5 39.7

Manual Integrations
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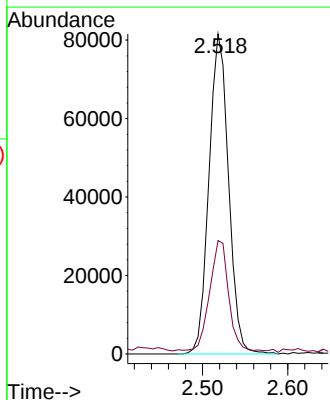
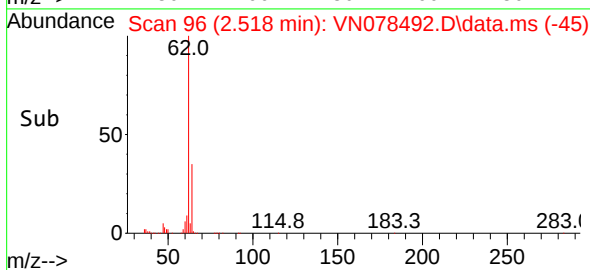
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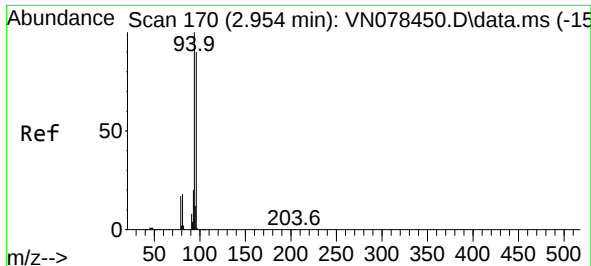


#4
Vinyl Chloride
Concen: 17.896 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33



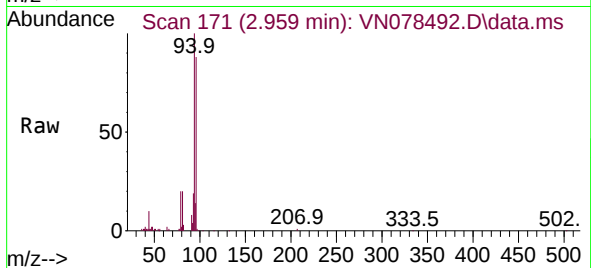
Tgt Ion: 62 Resp: 130163
Ion Ratio Lower Upper
62 100
64 35.0 26.2 39.2





#5
Bromomethane
Concen: 16.900 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

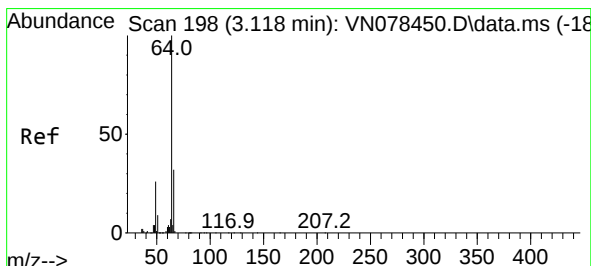
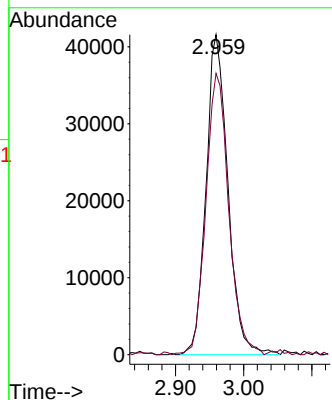
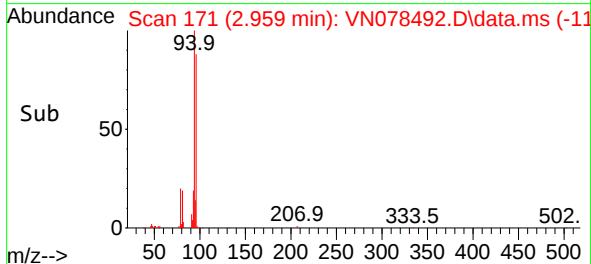
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Tgt Ion: 94 Resp: 9288
Ion Ratio Lower Upper
94 100
96 87.4 73.1 109.7

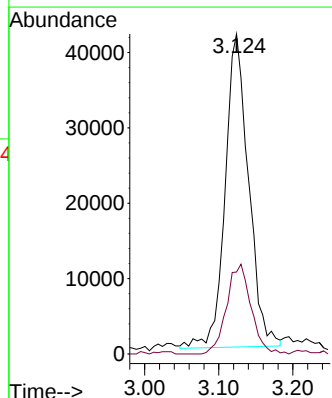
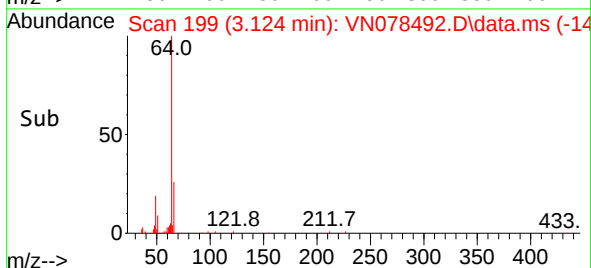
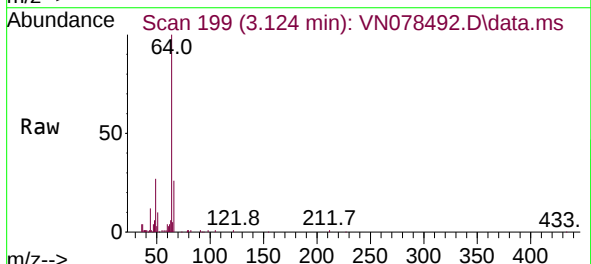
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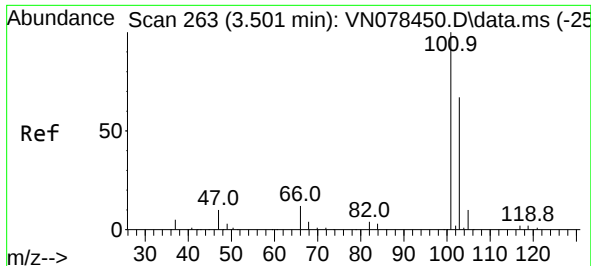
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#6
Chloroethane
Concen: 19.497 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

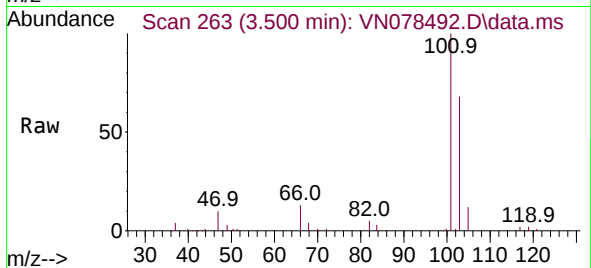
Tgt Ion: 64 Resp: 90937
Ion Ratio Lower Upper
64 100
66 26.2 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 18.161 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. -0.001 min
 Lab File: VN078492.D
 Acq: 13 Jul 2023 12:33

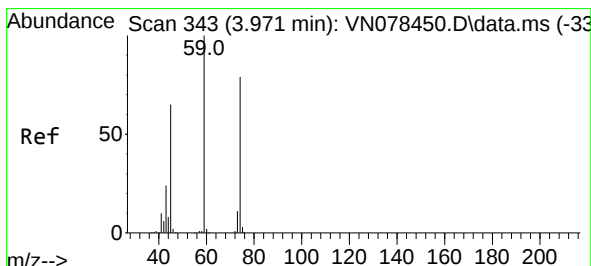
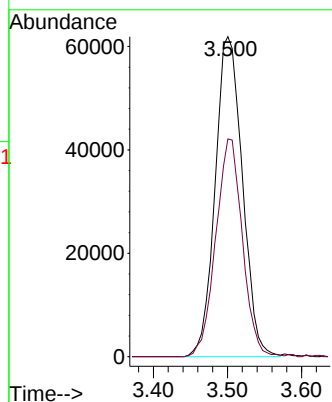
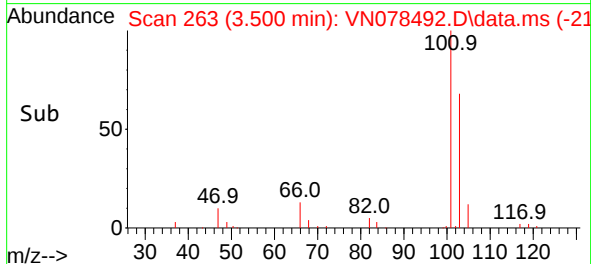
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Tgt Ion:101 Resp: 157892
 Ion Ratio Lower Upper
 101 100
 103 68.1 50.7 76.1

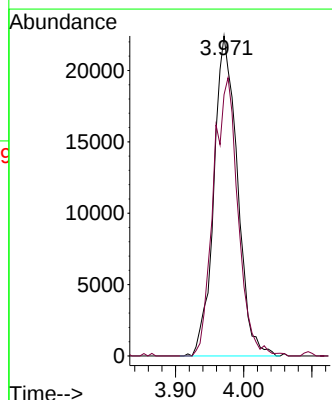
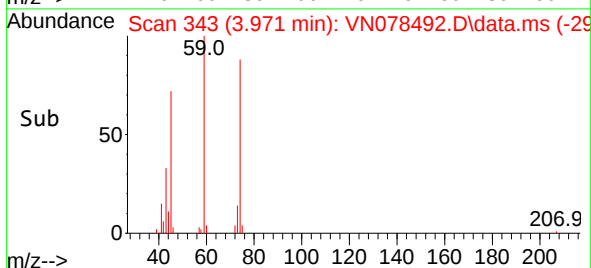
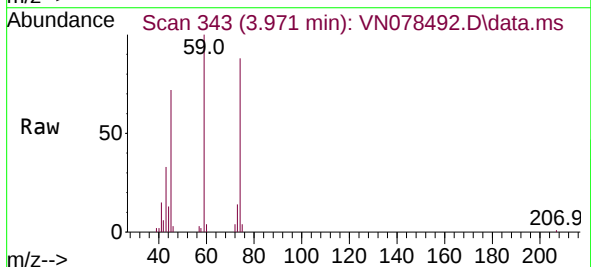
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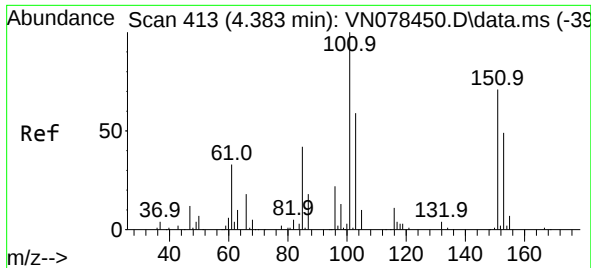
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023



#8
 Diethyl Ether
 Concen: 18.649 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078492.D
 Acq: 13 Jul 2023 12:33

Tgt Ion: 74 Resp: 54021
 Ion Ratio Lower Upper
 74 100
 45 90.6 34.4 103.3





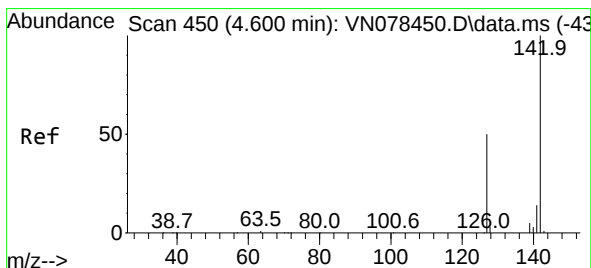
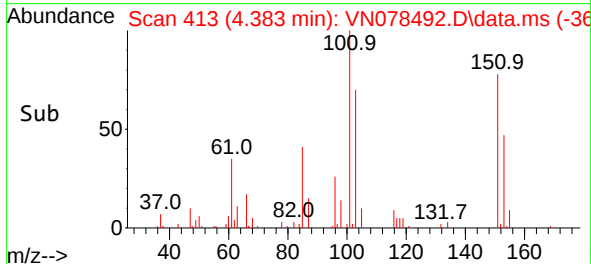
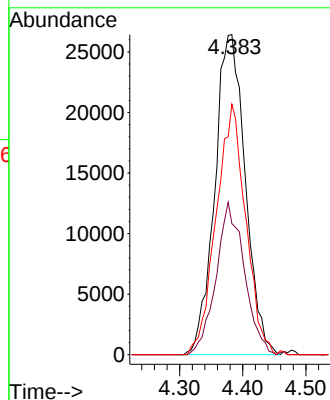
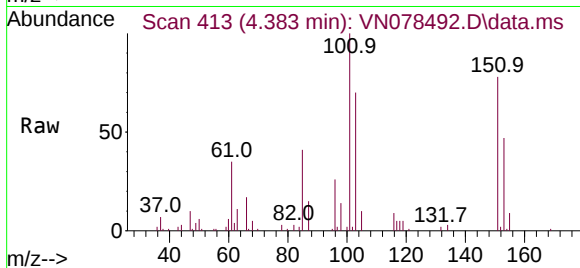
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.294 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Tgt Ion:101 Resp: 8879
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 75.6 57.6 86.4

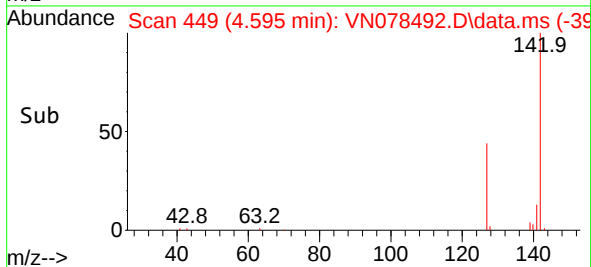
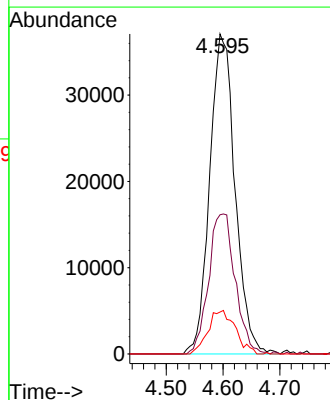
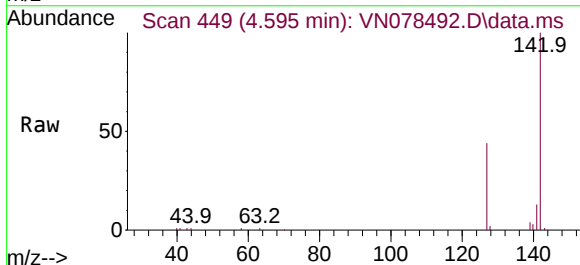
Manual Integrations
APPROVED

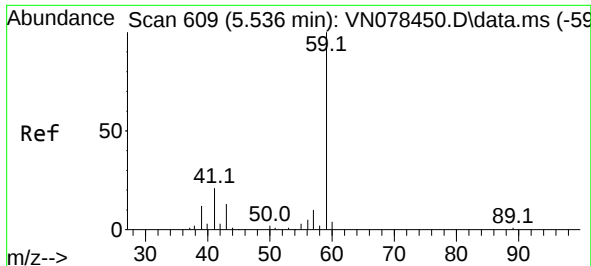
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#10
Methyl Iodide
Concen: 18.151 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

Tgt Ion:142 Resp: 114795
Ion Ratio Lower Upper
142 100
127 43.5 37.6 56.4
141 13.1 11.4 17.0





#11

Tert butyl alcohol

Concen: 105.590 ug/l

RT: 5.547 min Scan# 611

Delta R.T. 0.011 min

Lab File: VN078492.D

Acq: 13 Jul 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

Tgt Ion: 59 Resp: 9209

Ion Ratio Lower Upper

59 100

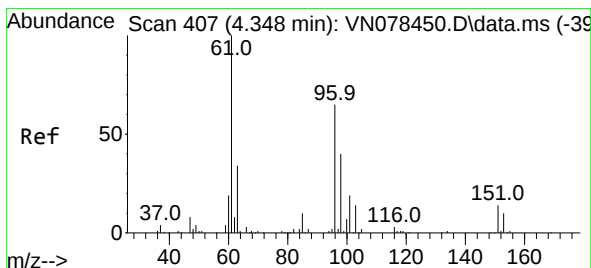
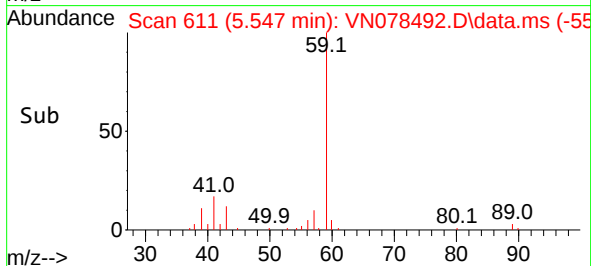
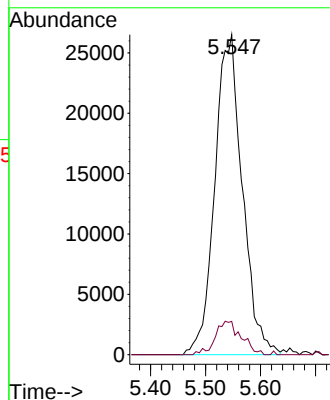
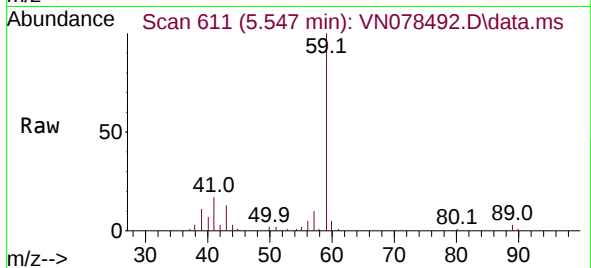
57 9.9 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#12

1,1-Dichloroethene

Concen: 18.223 ug/l

RT: 4.347 min Scan# 407

Delta R.T. -0.001 min

Lab File: VN078492.D

Acq: 13 Jul 2023 12:33

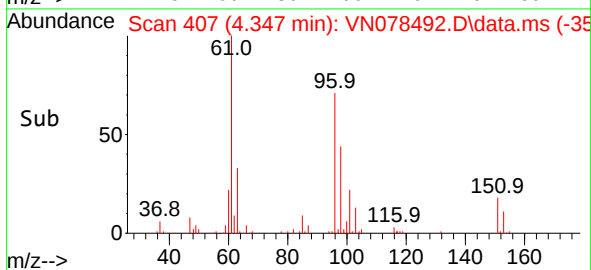
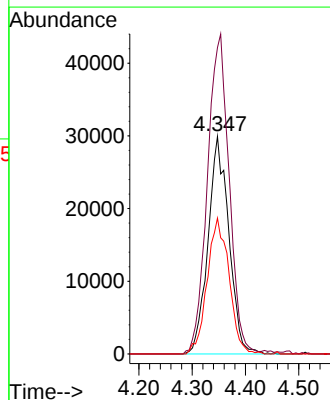
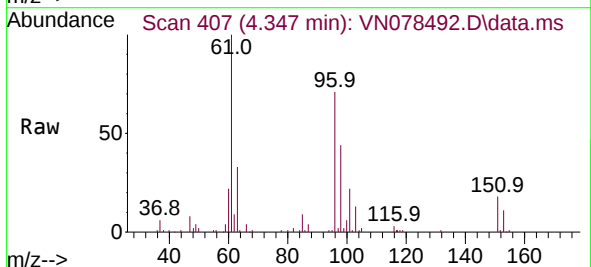
Tgt Ion: 96 Resp: 81127

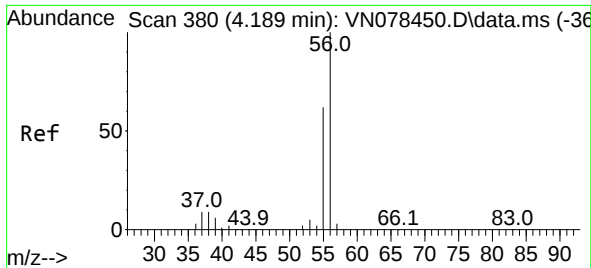
Ion Ratio Lower Upper

96 100

61 140.7 112.7 169.1

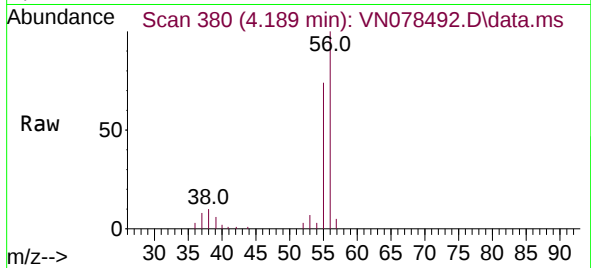
98 62.4 51.2 76.8





#13
Acrolein
Concen: 113.774 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

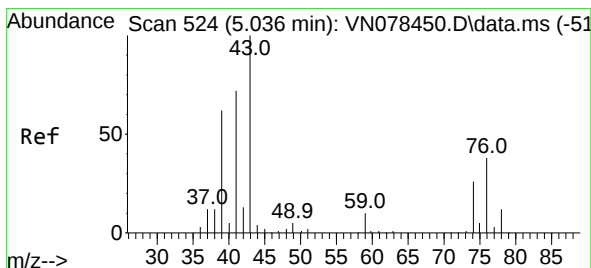
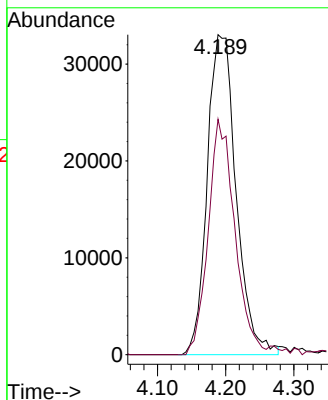
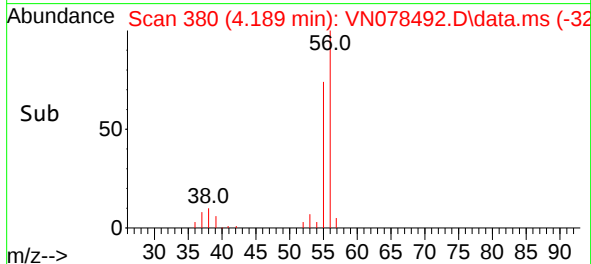
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



Tgt Ion: 56 Resp: 97632
Ion Ratio Lower Upper
56 100
55 67.6 54.5 81.7

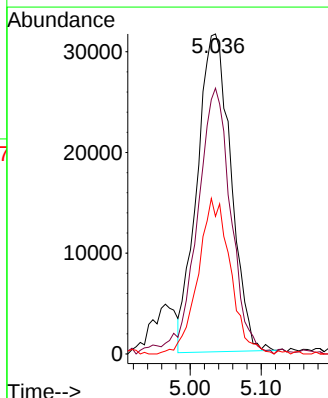
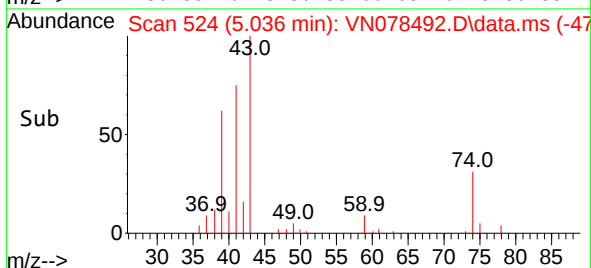
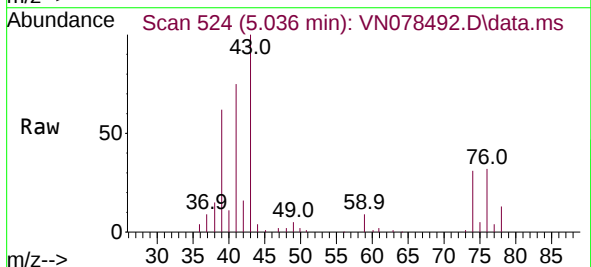
Manual Integrations
APPROVED

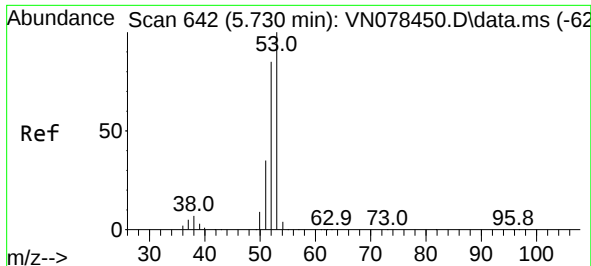
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#14
Allyl chloride
Concen: 17.210 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

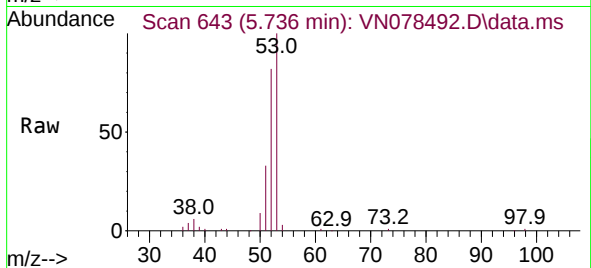
Tgt Ion: 41 Resp: 104693
Ion Ratio Lower Upper
41 100
39 83.3 58.8 88.2
76 46.4 39.1 58.7





#15
Acrylonitrile
Concen: 100.165 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

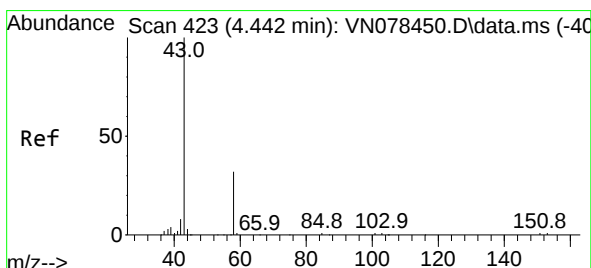
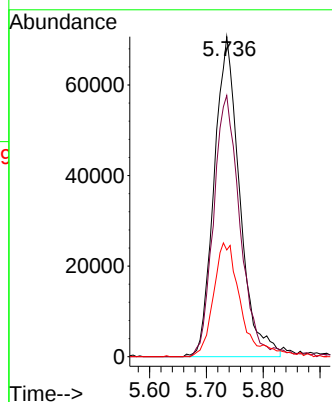
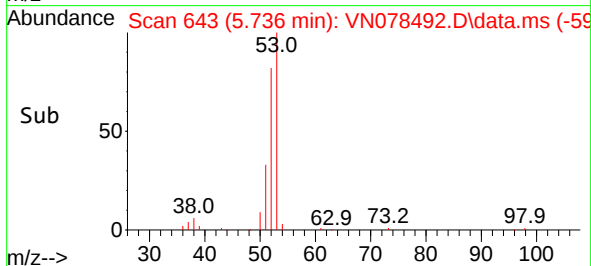
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



Tgt Ion: 53 Resp: 220734
Ion Ratio Lower Upper
53 100
52 85.0 65.3 97.9
51 38.0 28.9 43.3

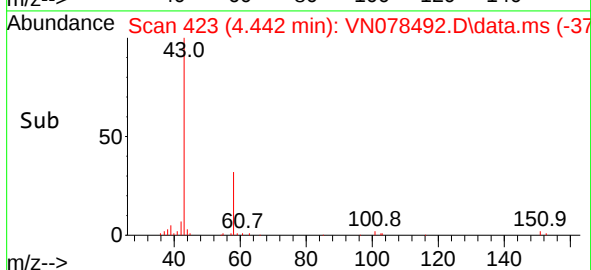
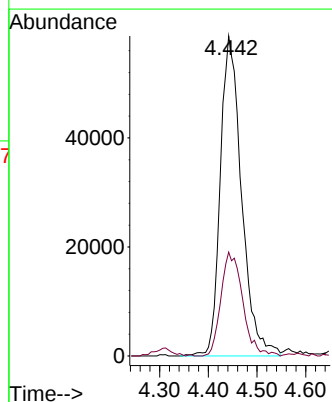
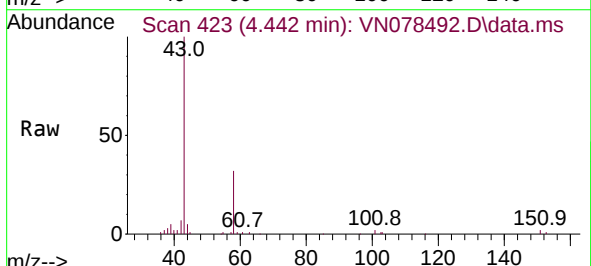
Manual Integrations
APPROVED

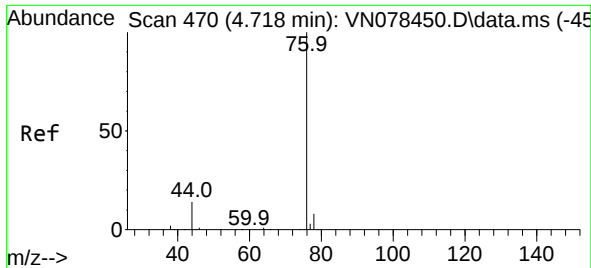
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#16
Acetone
Concen: 101.172 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

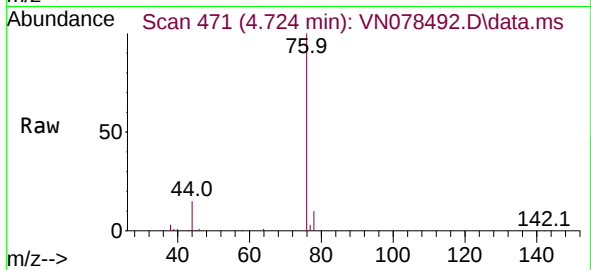
Tgt Ion: 43 Resp: 178254
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0





#17
Carbon Disulfide
Concen: 16.512 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

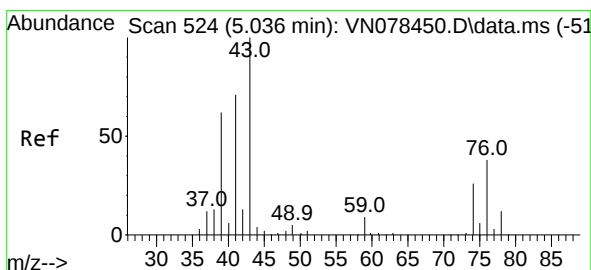
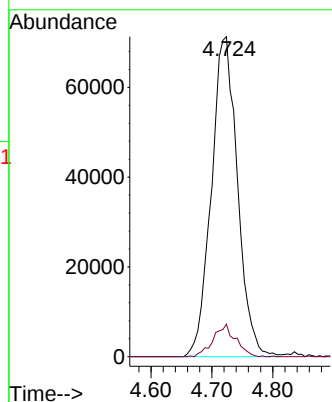
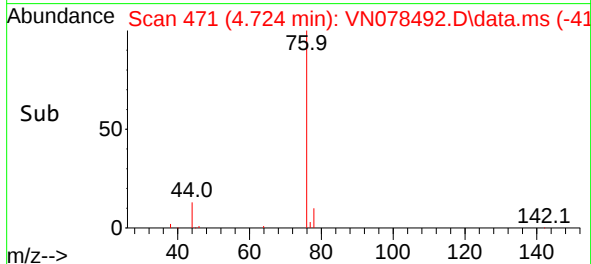
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



Tgt Ion: 76 Resp: 21256
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0

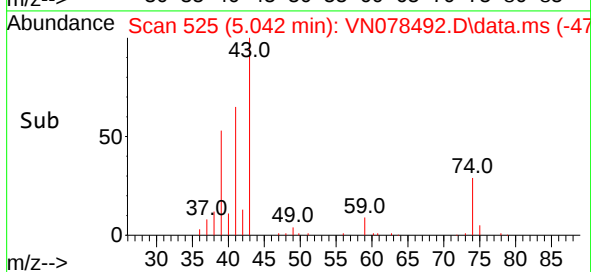
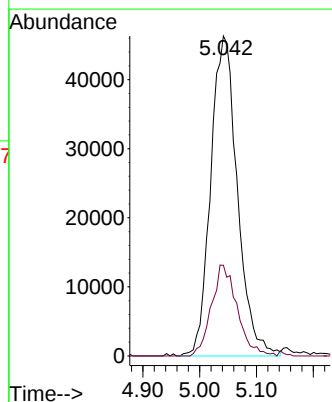
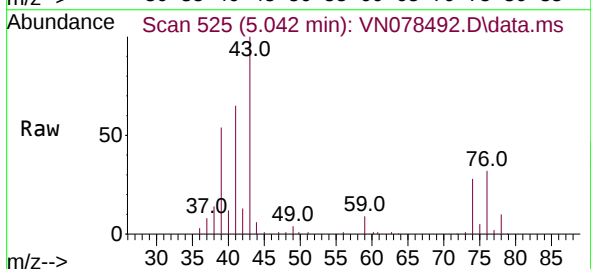
Manual Integrations
APPROVED

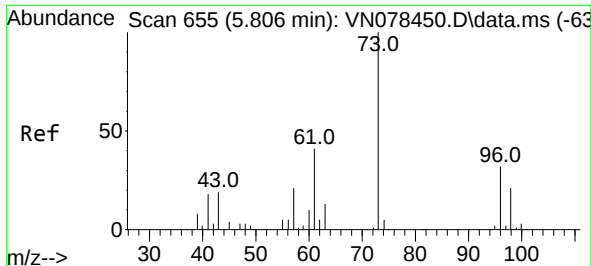
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#18
Methyl Acetate
Concen: 20.267 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

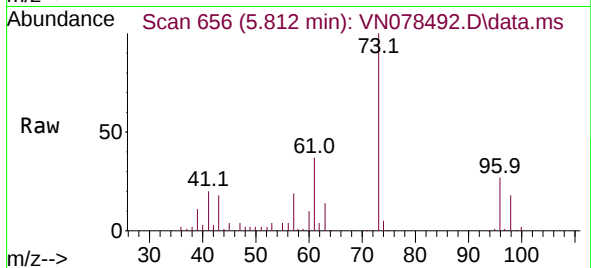
Tgt Ion: 43 Resp: 151159
Ion Ratio Lower Upper
43 100
74 27.3 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 20.073 ug/l
RT: 5.812 min Scan# 655
Delta R.T. 0.006 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

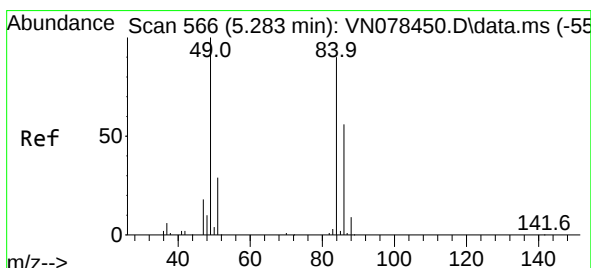
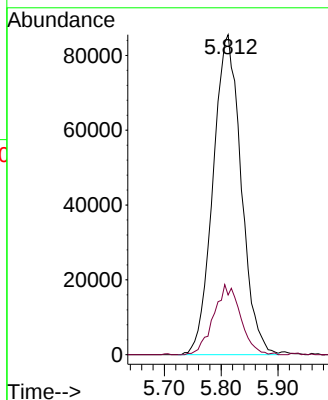
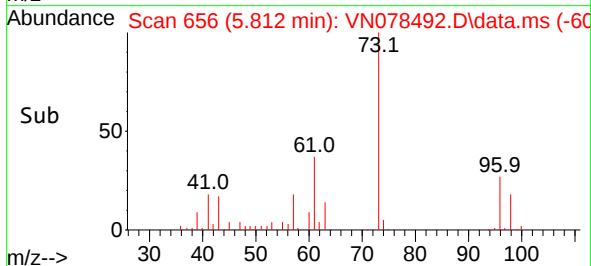
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



Tgt Ion: 73 Resp: 294439
Ion Ratio Lower Upper
73 100
57 18.7 15.6 23.4

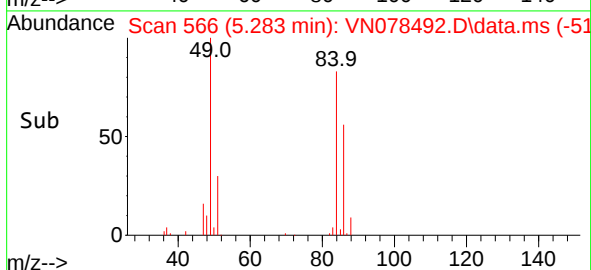
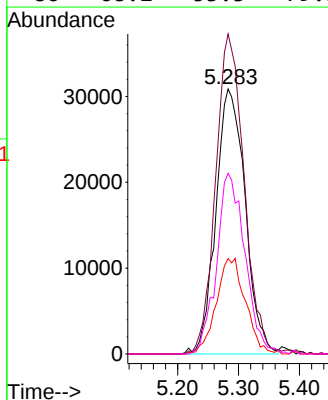
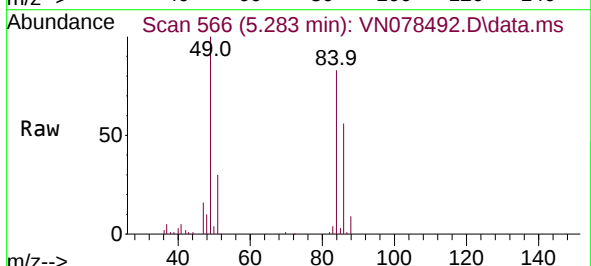
Manual Integrations
APPROVED

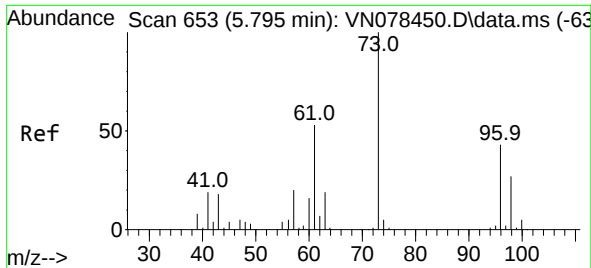
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#20
Methylene Chloride
Concen: 19.679 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

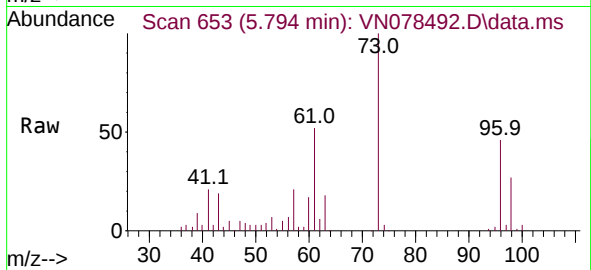
Tgt Ion: 84 Resp: 103202
Ion Ratio Lower Upper
84 100
49 120.8 79.7 119.5#
51 36.0 25.2 37.8
86 68.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.930 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

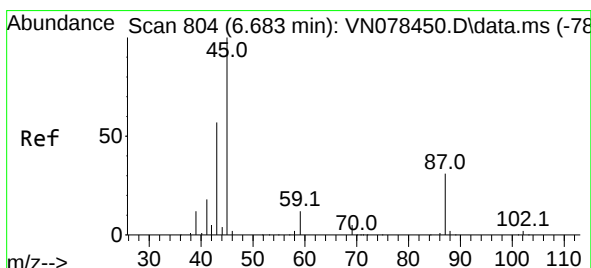
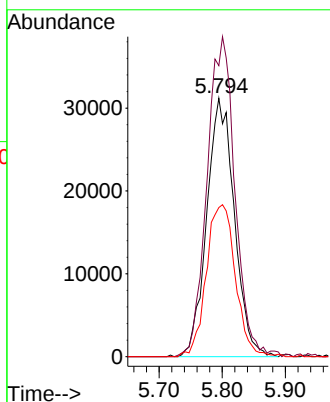
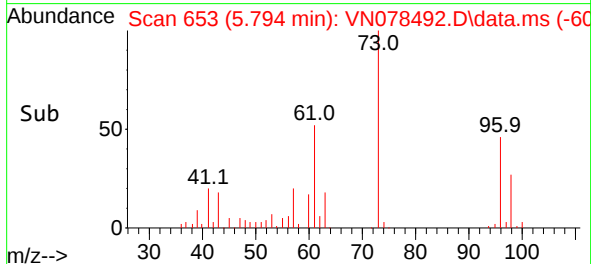
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



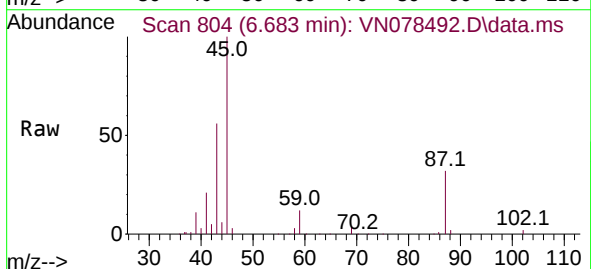
Tgt Ion: 96 Resp: 94960
Ion Ratio Lower Upper
96 100
61 112.1 90.1 135.1
98 57.7 46.4 69.6

Manual Integrations
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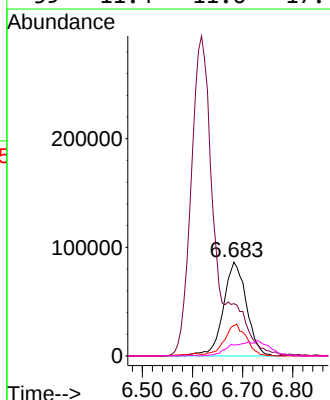
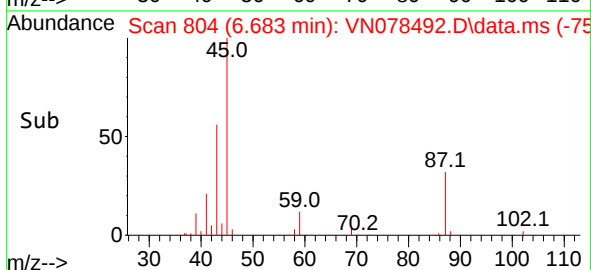
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

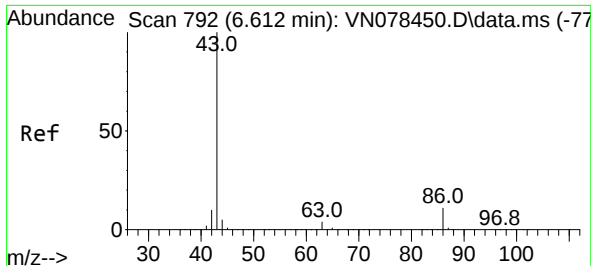


#22
Diisopropyl ether
Concen: 20.362 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33



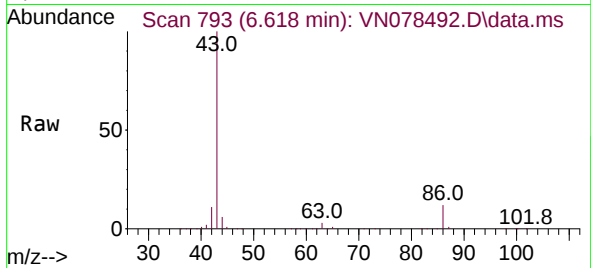
Tgt Ion: 45 Resp: 277354
Ion Ratio Lower Upper
45 100
43 53.0 45.5 68.3
87 32.5 31.8 47.8
59 11.4 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 97.748 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078492.D
 Acq: 13 Jul 2023 12:33

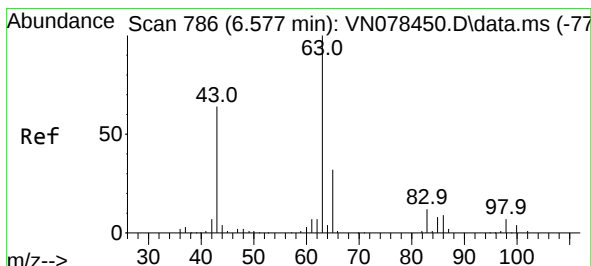
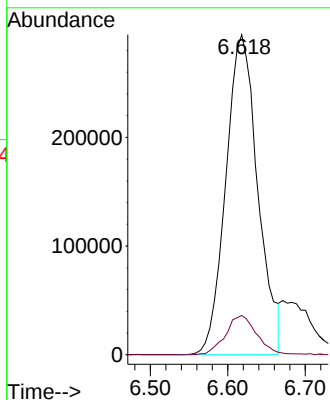
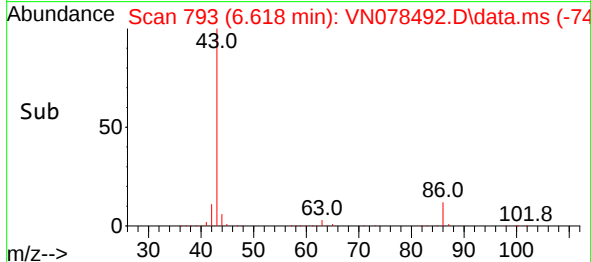
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01



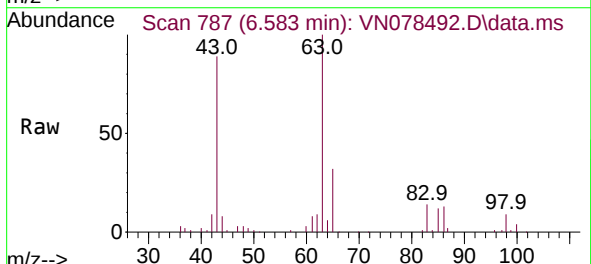
Tgt Ion: 43 Resp: 84645
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6

Manual Integrations
 APPROVED

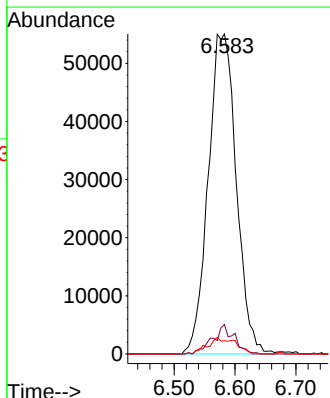
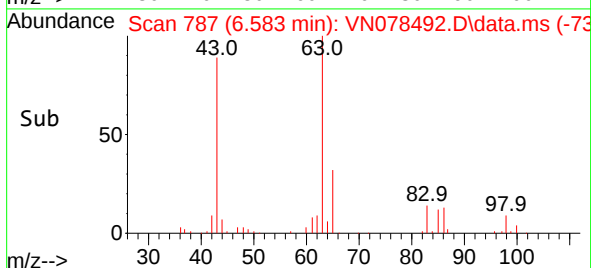
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023

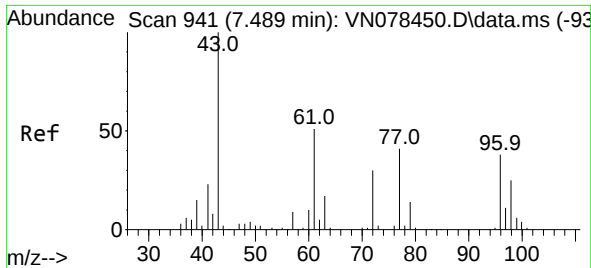


#24
 1,1-Dichloroethane
 Concen: 19.242 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078492.D
 Acq: 13 Jul 2023 12:33



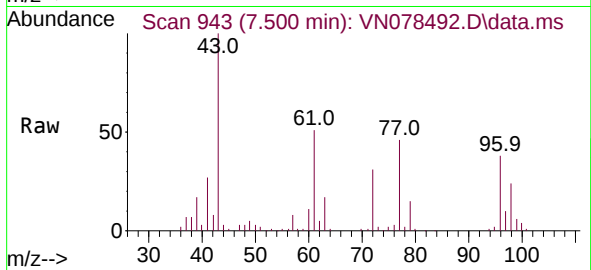
Tgt Ion: 63 Resp: 176610
 Ion Ratio Lower Upper
 63 100
 98 9.2 3.9 11.7
 100 4.2 2.5 7.4





#25
2-Butanone
Concen: 102.392 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.011 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

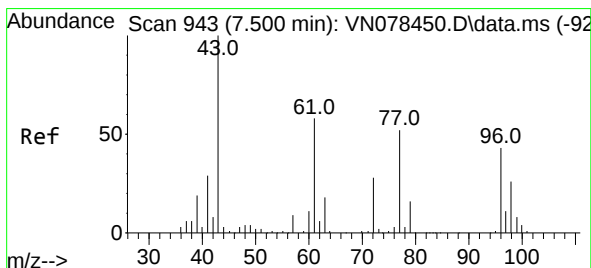
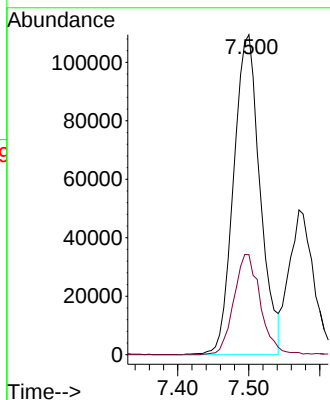
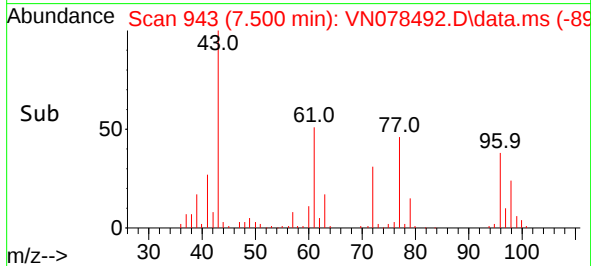
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



Tgt Ion: 43 Resp: 283978
Ion Ratio Lower Upper
43 100
72 31.2 30.2 45.2

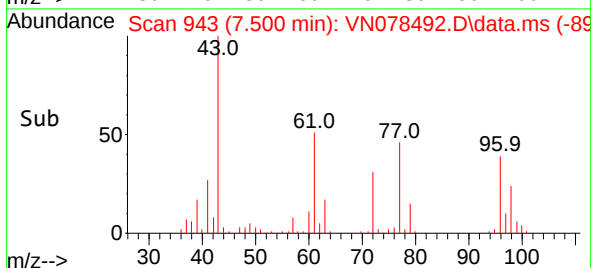
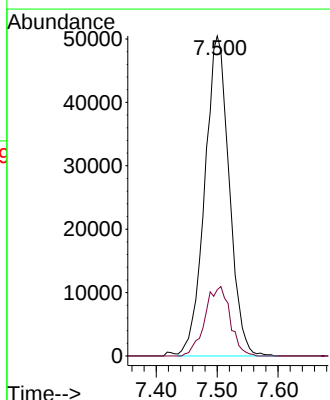
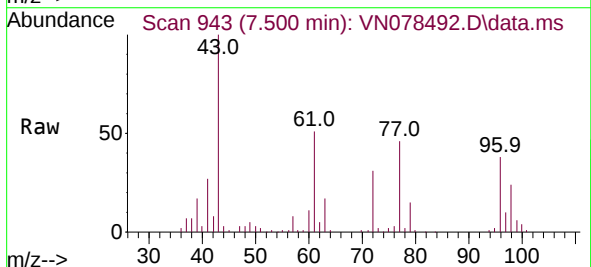
Manual Integrations
APPROVED

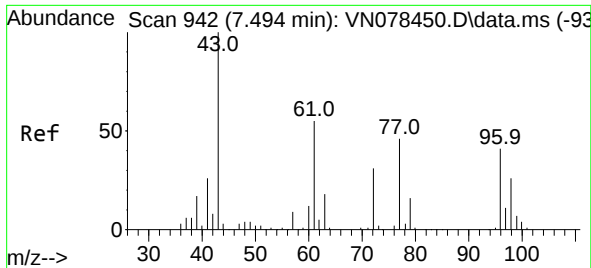
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#26
2,2-Dichloropropane
Concen: 18.722 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

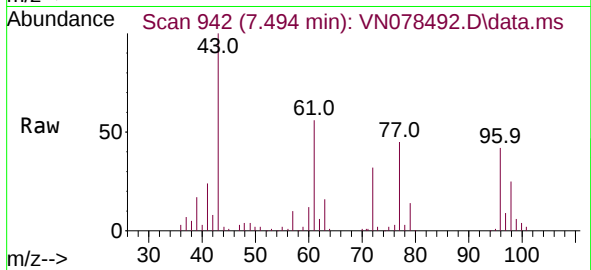
Tgt Ion: 77 Resp: 140544
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.475 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078492.D
 Acq: 13 Jul 2023 12:33

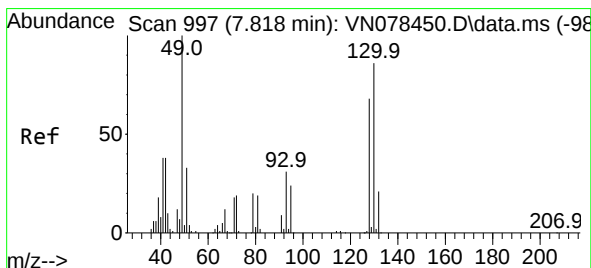
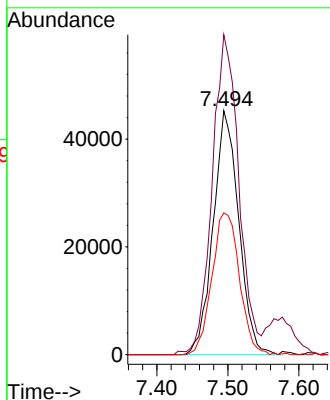
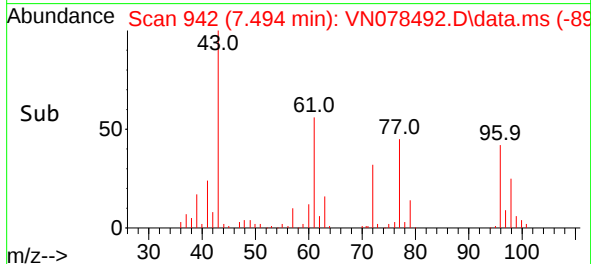
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01



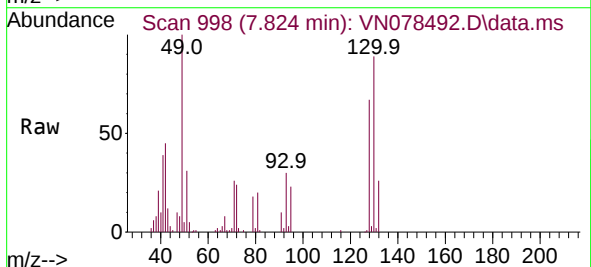
Tgt Ion: 96 Resp: 113023
 Ion Ratio Lower Upper
 96 100
 61 137.2 0.0 255.2
 98 62.6 0.0 128.8

Manual Integrations
 APPROVED

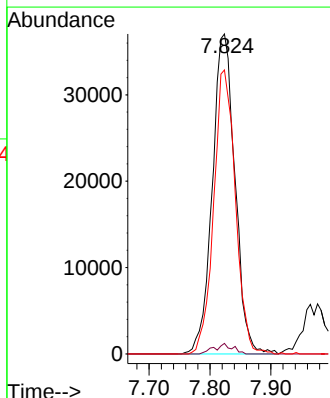
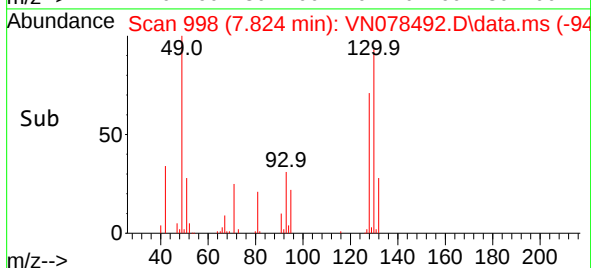
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023

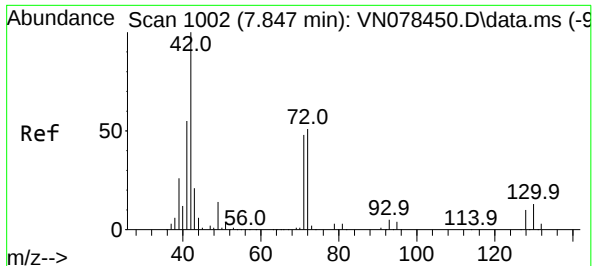


#28
 Bromochloromethane
 Concen: 22.166 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078492.D
 Acq: 13 Jul 2023 12:33



Tgt Ion: 49 Resp: 95826
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 84.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 100.529 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078492.D

Acq: 13 Jul 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

Tgt Ion: 42 Resp: 18294

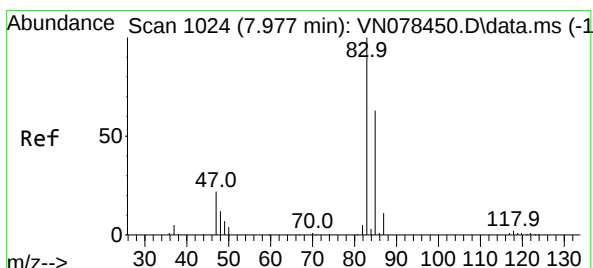
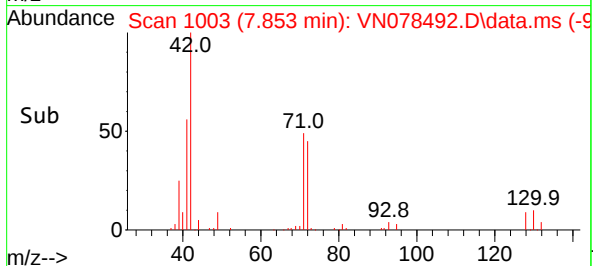
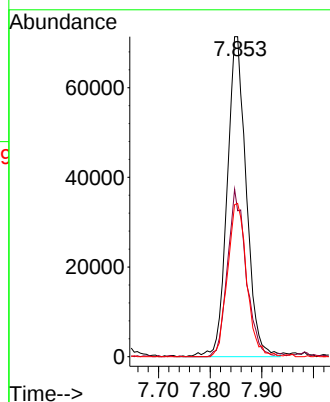
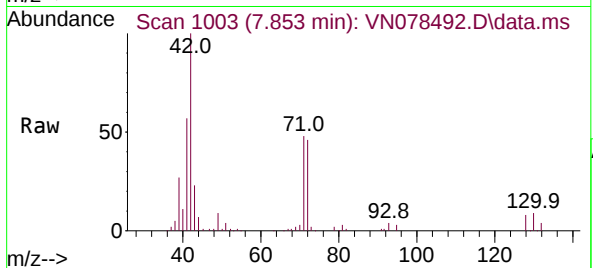
Ion	Ratio	Lower	Upper
42	100		
72	50.8	49.8	74.6
71	48.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#30

Chloroform

Concen: 20.328 ug/l

RT: 7.977 min Scan# 1024

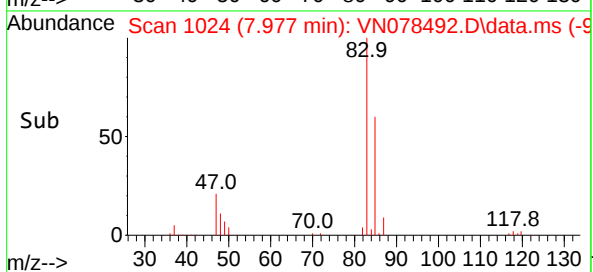
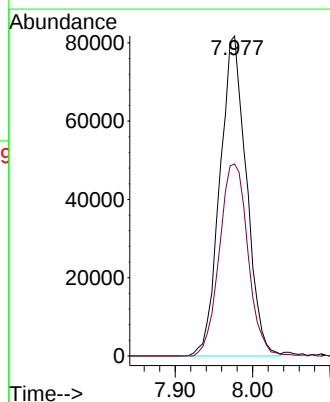
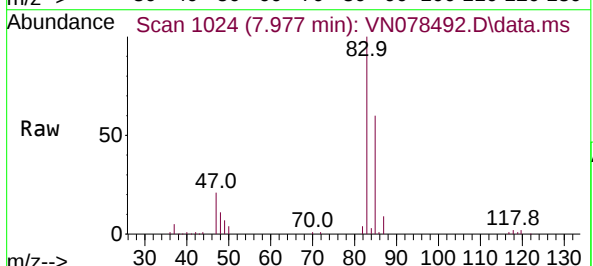
Delta R.T. -0.000 min

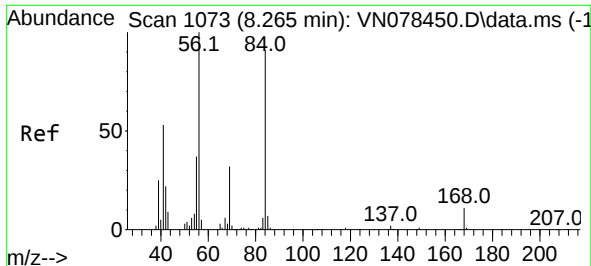
Lab File: VN078492.D

Acq: 13 Jul 2023 12:33

Tgt Ion: 83 Resp: 194247

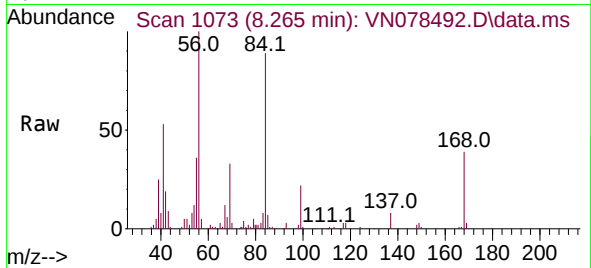
Ion	Ratio	Lower	Upper
83	100		
85	60.0	55.4	83.0





#31
Cyclohexane
Concen: 17.682 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

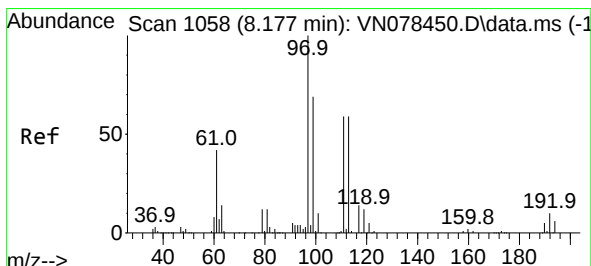
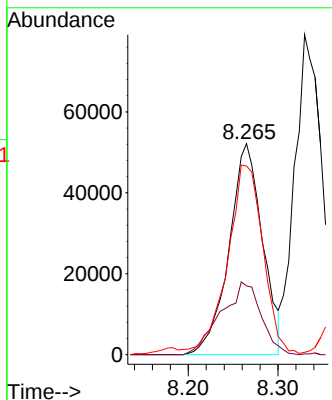
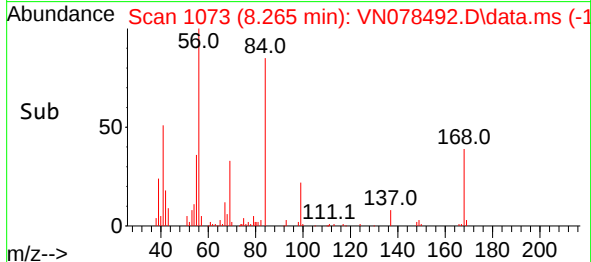
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



Tgt Ion: 56 Resp: 135159
Ion Ratio Lower Upper
56 100
69 31.9 26.8 40.2
84 87.2 81.8 122.6

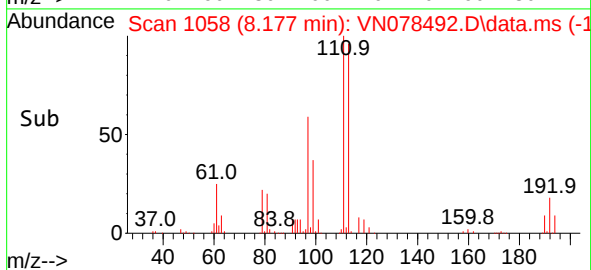
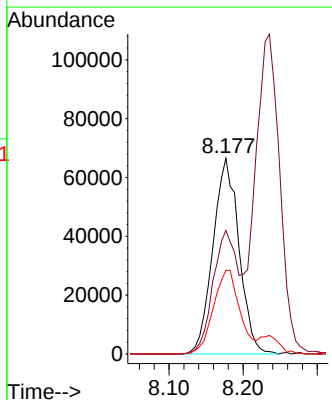
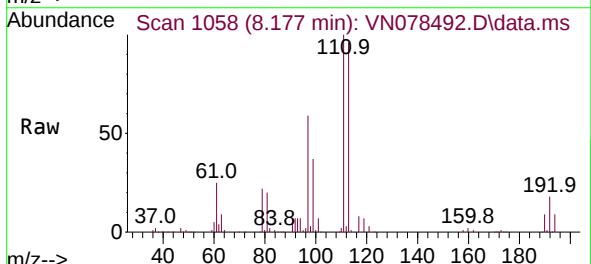
Manual Integrations
APPROVED

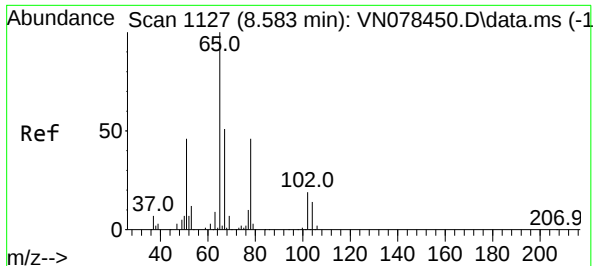
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#32
1,1,1-Trichloroethane
Concen: 18.946 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

Tgt Ion: 97 Resp: 162321
Ion Ratio Lower Upper
97 100
99 57.1 50.3 75.5
61 43.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.822 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078492.D

Acq: 13 Jul 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

Tgt Ion: 65 Resp: 30442

Ion Ratio Lower Upper

65 100

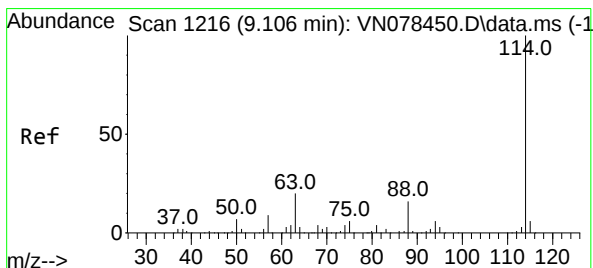
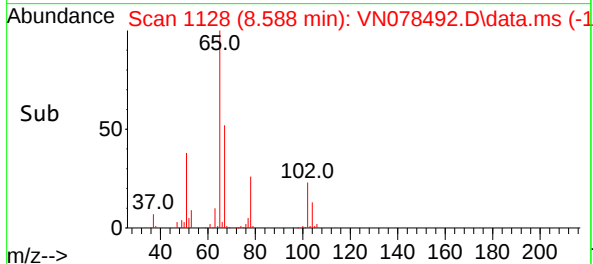
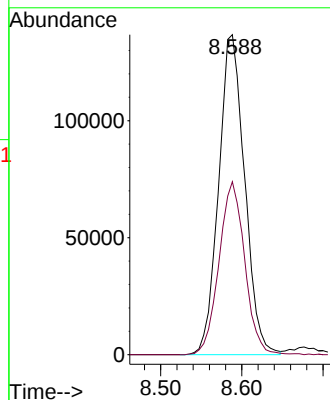
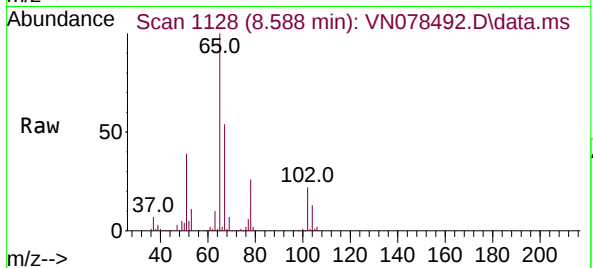
67 53.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078492.D

Acq: 13 Jul 2023 12:33

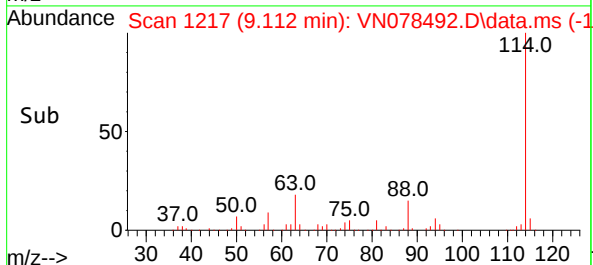
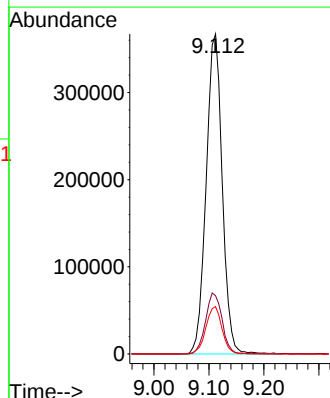
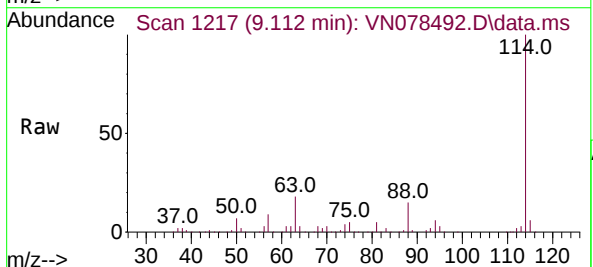
Tgt Ion:114 Resp: 746397

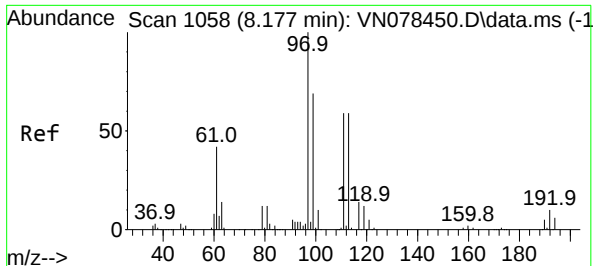
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.4

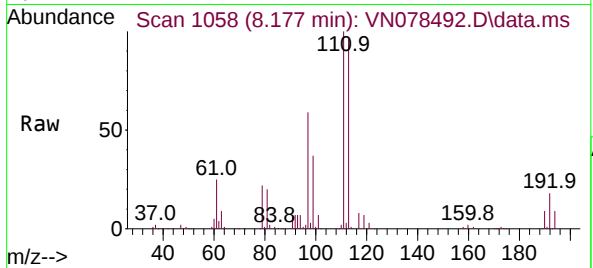
88 14.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.017 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

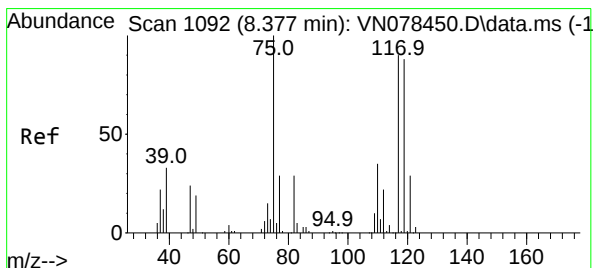
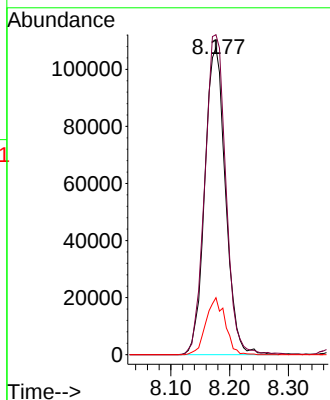
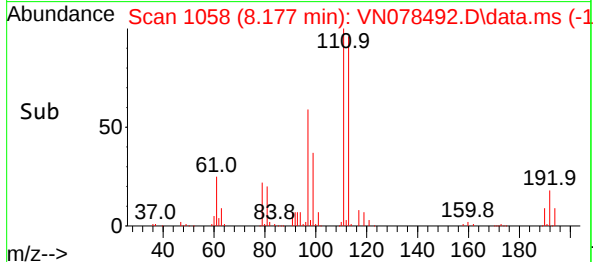
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



Tgt Ion:113 Resp: 263560
Ion Ratio Lower Upper
113 100
111 105.8 82.6 123.8
192 17.2 12.7 19.1

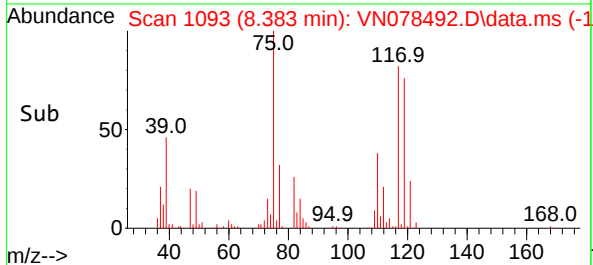
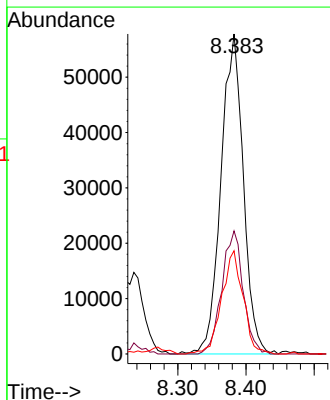
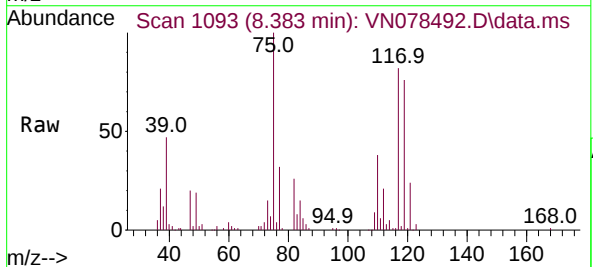
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#36
1,1-Dichloropropene
Concen: 18.057 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.005 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

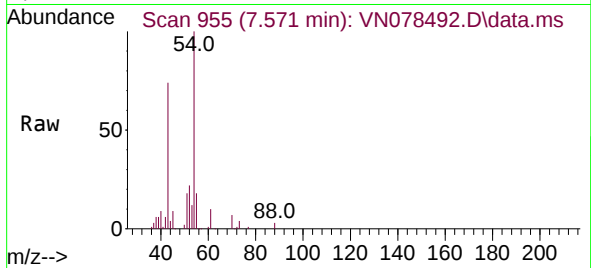
Tgt Ion: 75 Resp: 132107
Ion Ratio Lower Upper
75 100
110 36.7 19.1 57.3
77 30.9 25.0 37.4





#37
Ethyl Acetate
Concen: 19.243 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

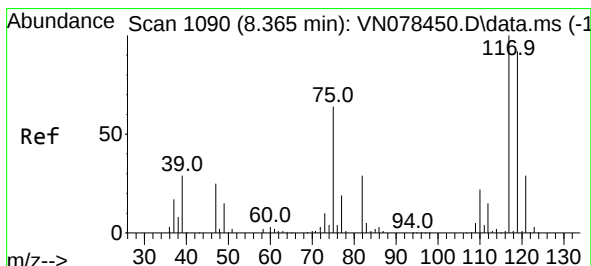
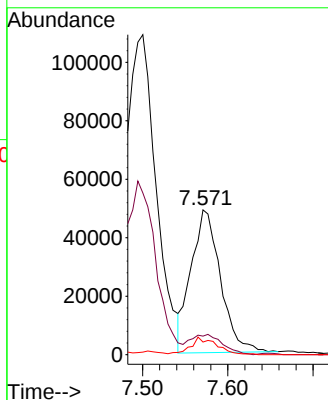
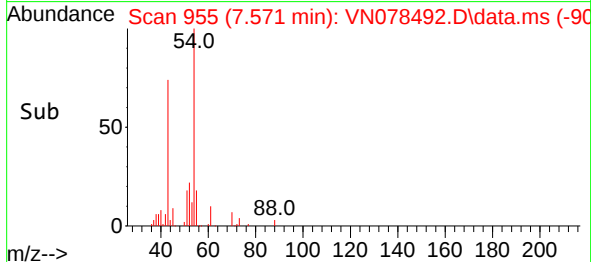
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



Tgt Ion: 43 Resp: 11735
Ion Ratio Lower Upper
43 100
61 15.4 13.2 19.8
70 10.9 11.3 16.9

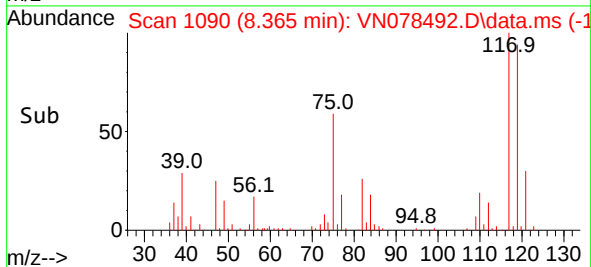
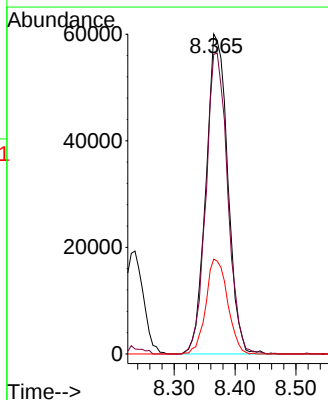
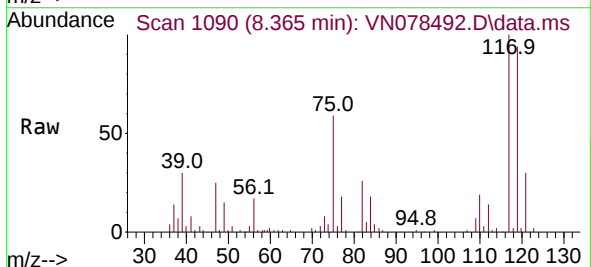
Manual Integrations
APPROVED

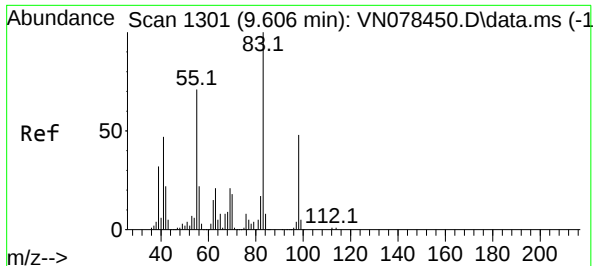
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#38
Carbon Tetrachloride
Concen: 18.719 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

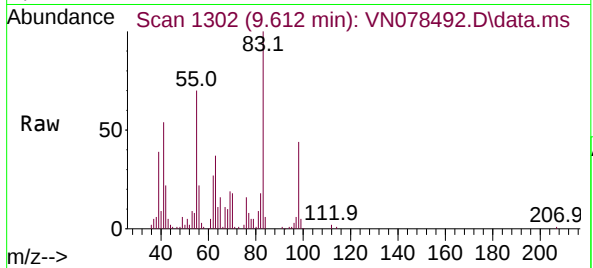
Tgt Ion:117 Resp: 148840
Ion Ratio Lower Upper
117 100
119 93.7 77.3 115.9
121 29.6 23.3 34.9





#39
Methylcyclohexane
Concen: 17.876 ug/l
RT: 9.612 min Scan# 11302
Delta R.T. 0.006 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

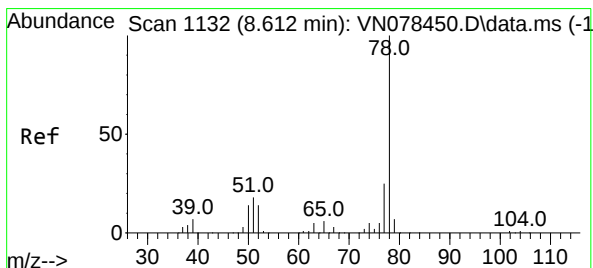
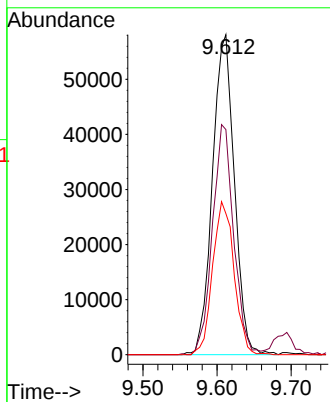
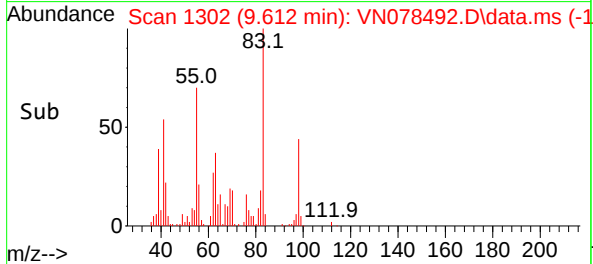
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



Tgt Ion: 83 Resp: 11937
Ion Ratio Lower Upper
83 100
55 70.4 49.1 73.7
98 44.1 40.6 61.0

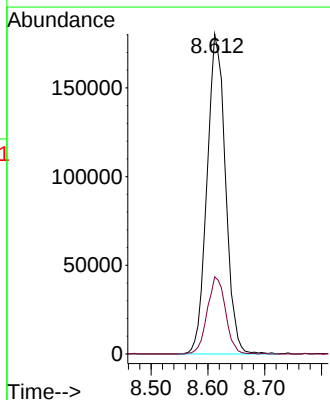
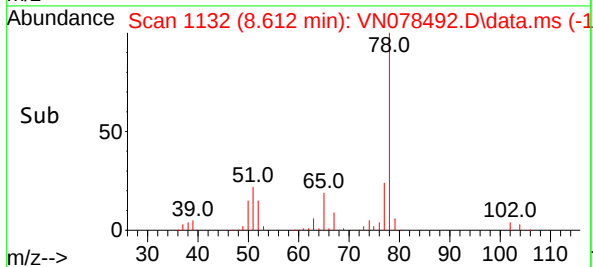
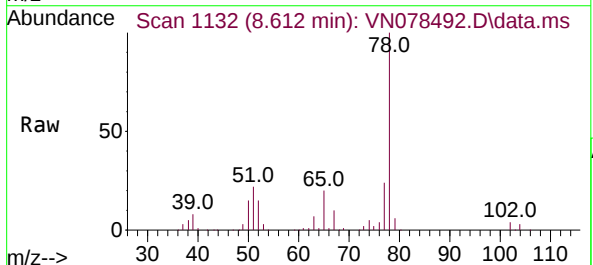
Manual Integrations
APPROVED

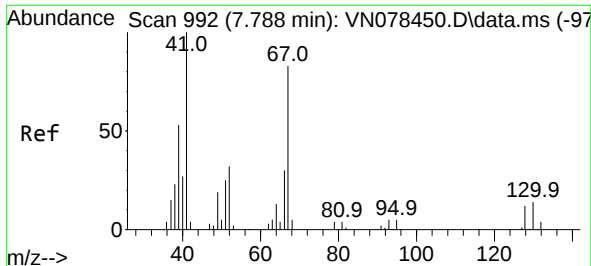
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#40
Benzene
Concen: 18.721 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

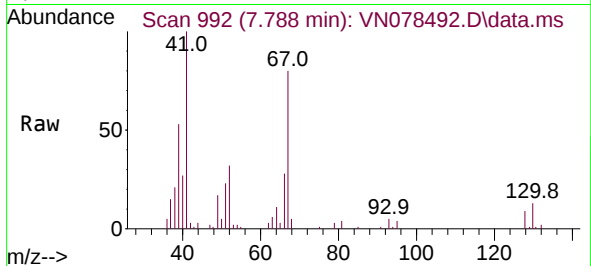
Tgt Ion: 78 Resp: 405770
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6





#41
Methacrylonitrile
Concen: 18.751 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

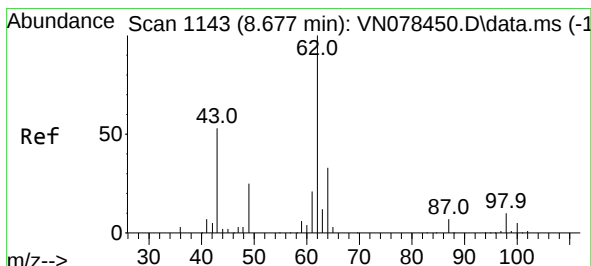
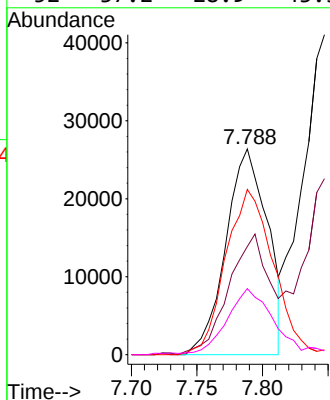
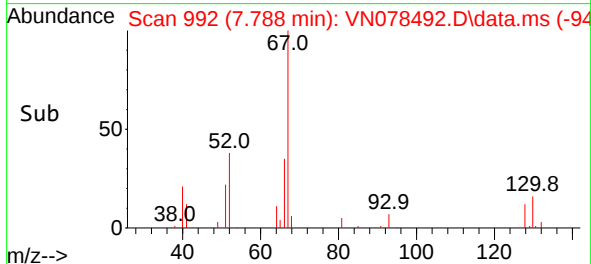
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



Tgt Ion: 41 Resp: 58298
Ion Ratio Lower Upper
41 100
39 57.6 42.6 64.0
67 92.2 77.5 116.3
52 37.2 28.9 43.3

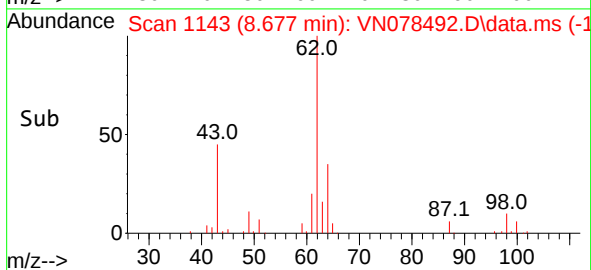
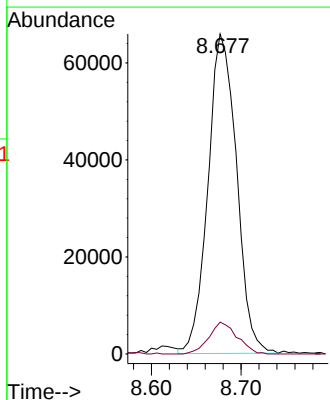
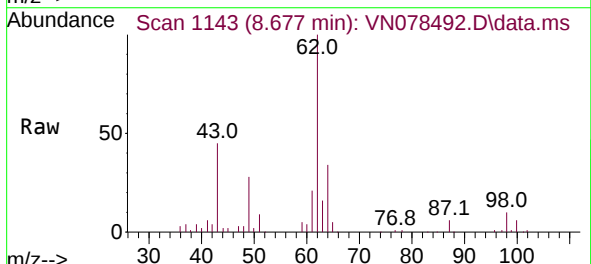
Manual Integrations
APPROVED

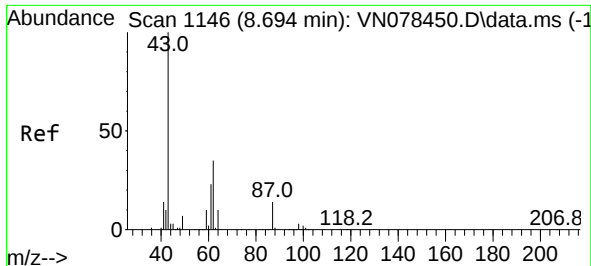
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#42
1,2-Dichloroethane
Concen: 19.762 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

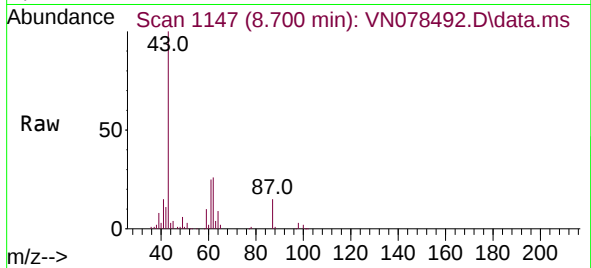
Tgt Ion: 62 Resp: 145686
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.8





#43
Isopropyl Acetate
Concen: 19.925 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

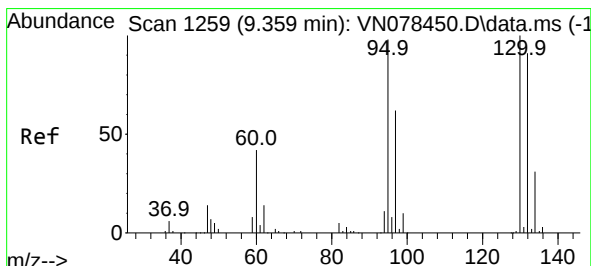
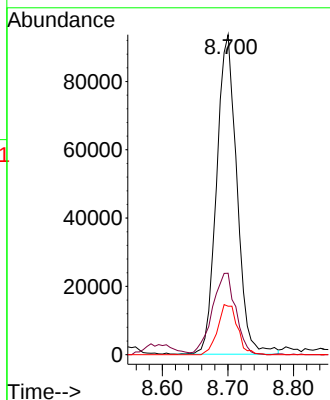
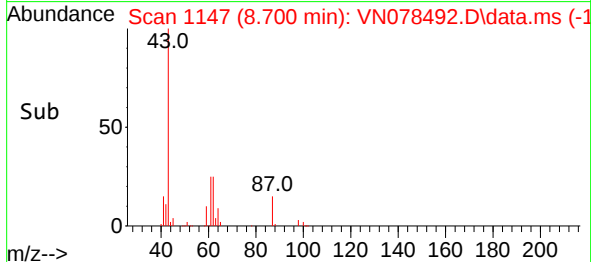
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



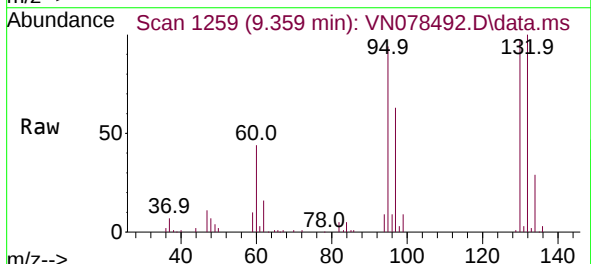
Tgt Ion: 43 Resp: 200059
Ion Ratio Lower Upper
43 100
61 29.5 24.7 37.1
87 15.3 14.6 21.8

Manual Integrations
APPROVED

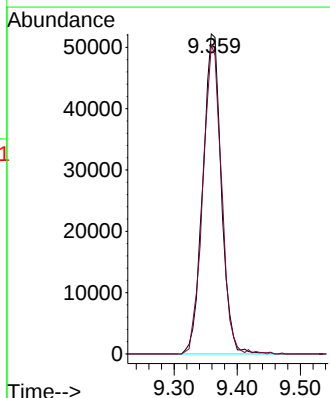
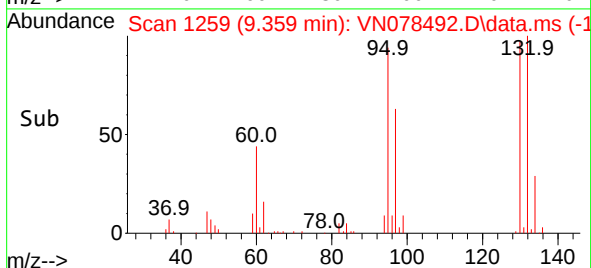
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

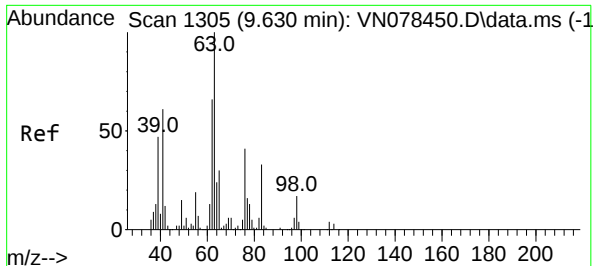


#44
Trichloroethene
Concen: 18.159 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33



Tgt Ion:130 Resp: 106080
Ion Ratio Lower Upper
130 100
95 96.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.132 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078492.D

Acq: 13 Jul 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

Tgt Ion: 63 Resp: 10502

Ion Ratio Lower Upper

63 100

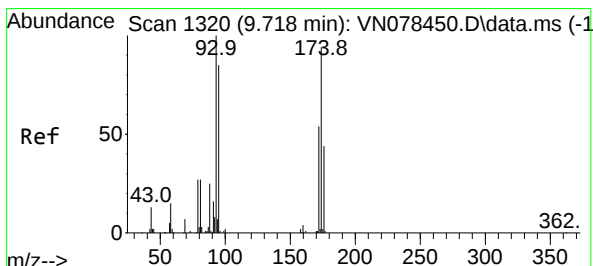
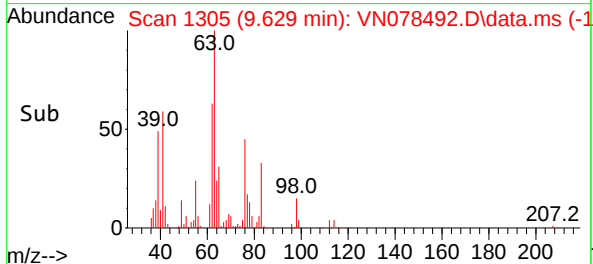
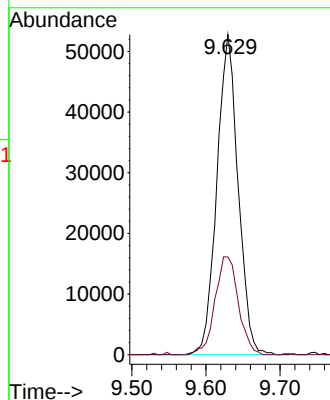
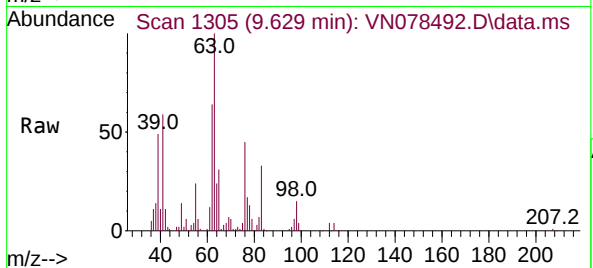
65 30.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#46

Dibromomethane

Concen: 20.261 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078492.D

Acq: 13 Jul 2023 12:33

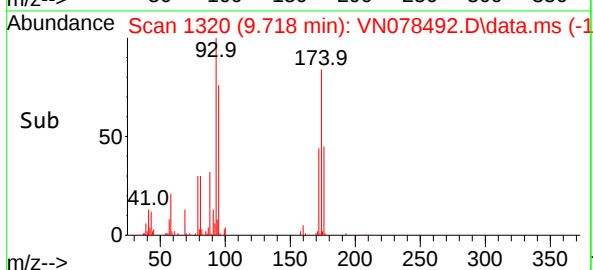
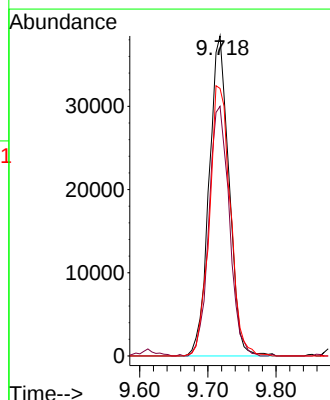
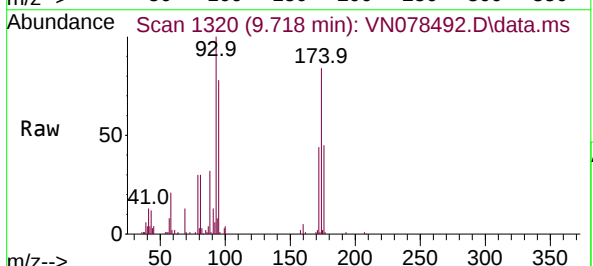
Tgt Ion: 93 Resp: 78283

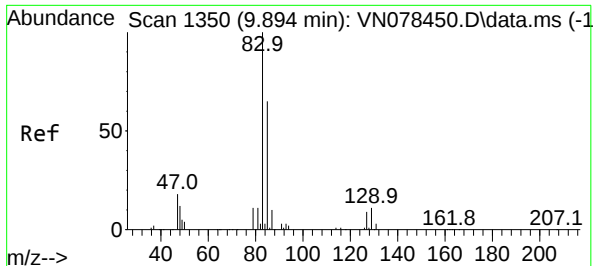
Ion Ratio Lower Upper

93 100

95 79.9 63.8 95.8

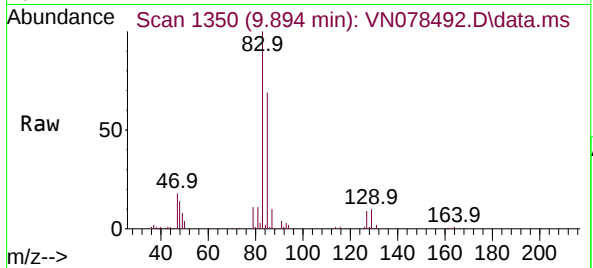
174 88.7 65.6 98.4





#47
Bromodichloromethane
Concen: 19.788 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

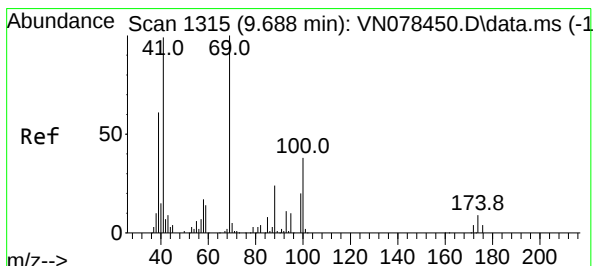
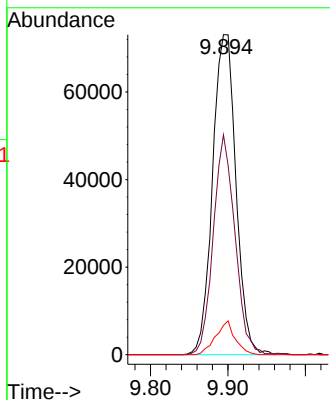
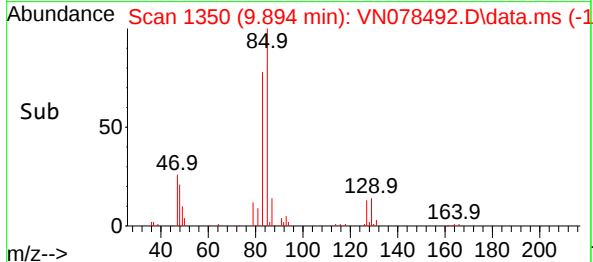
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



Tgt Ion: 83 Resp: 15326
Ion Ratio Lower Upper
83 100
85 68.7 49.6 74.4
127 9.1 7.0 10.6

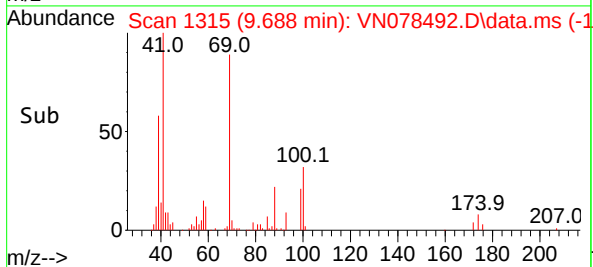
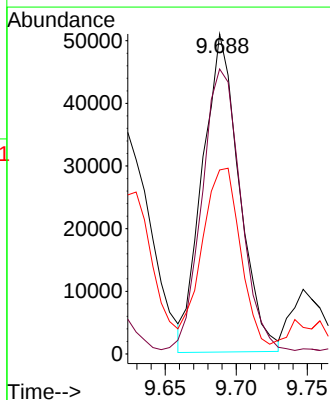
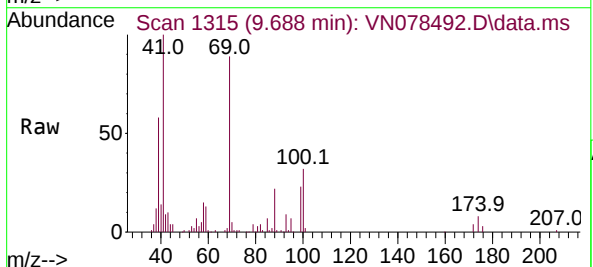
Manual Integrations
APPROVED

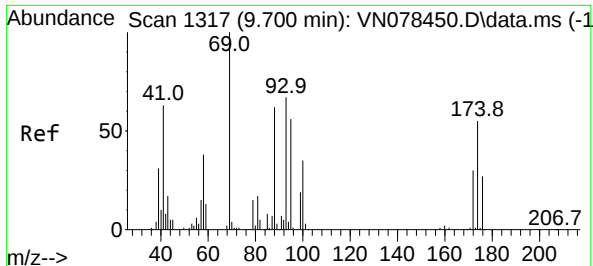
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#48
Methyl methacrylate
Concen: 19.678 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

Tgt Ion: 41 Resp: 91538
Ion Ratio Lower Upper
41 100
69 93.8 90.4 135.6
39 63.2 54.6 81.8





#49

1,4-Dioxane

Concen: 417.875 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078492.D

Acq: 13 Jul 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

Tgt Ion: 88 Resp: 42392

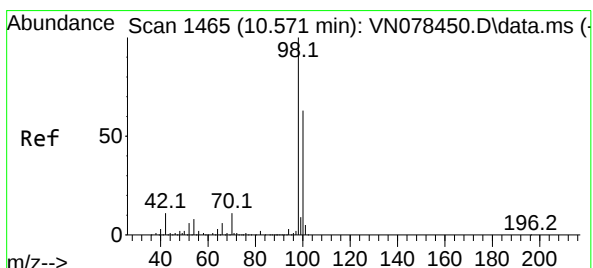
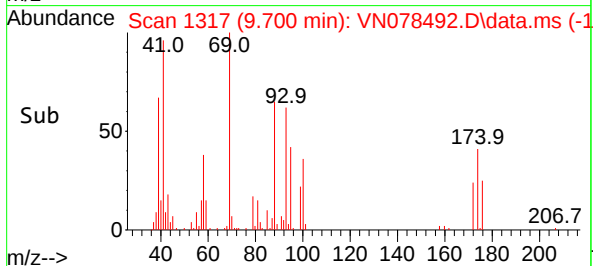
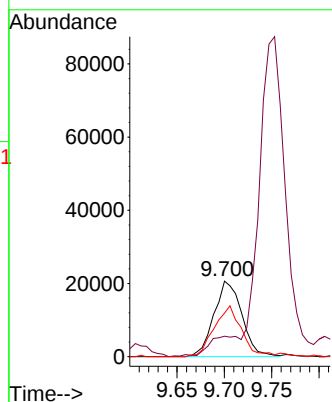
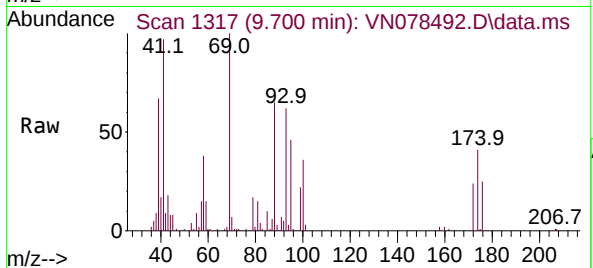
Ion	Ratio	Lower	Upper
88	100		
43	21.0	17.0	25.6
58	68.2	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#50

Toluene-d8

Concen: 50.248 ug/l

RT: 10.576 min Scan# 1466

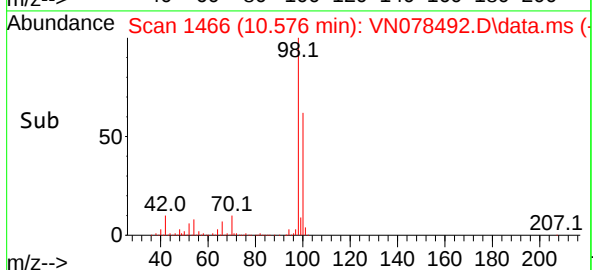
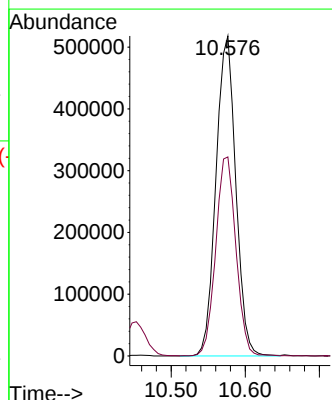
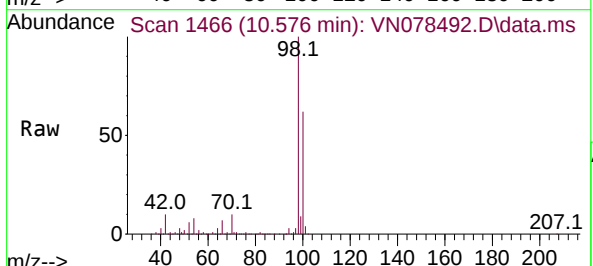
Delta R.T. 0.005 min

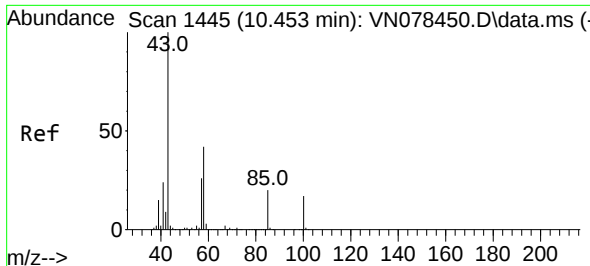
Lab File: VN078492.D

Acq: 13 Jul 2023 12:33

Tgt Ion: 98 Resp: 961781

Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.0	78.0





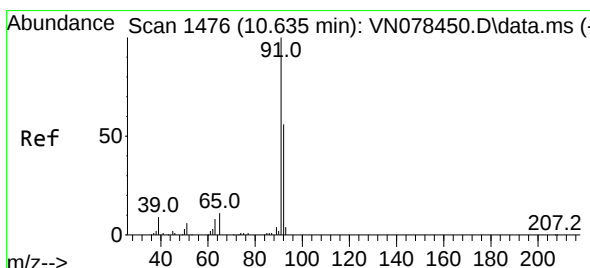
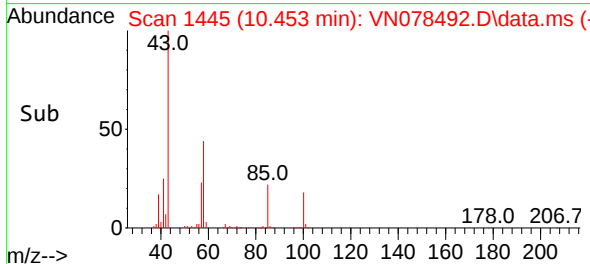
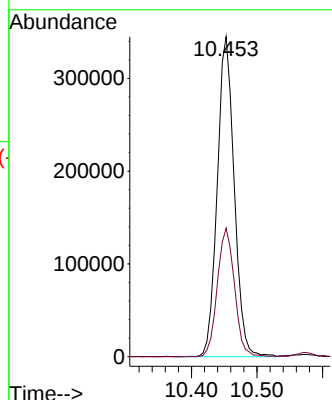
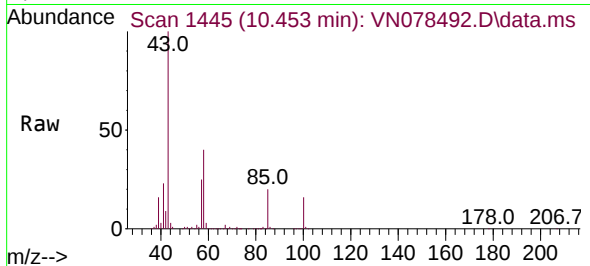
#51
4-Methyl-2-Pentanone
Concen: 103.452 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Tgt Ion: 43 Resp: 61785
Ion Ratio Lower Upper
43 100
58 40.7 36.6 54.8

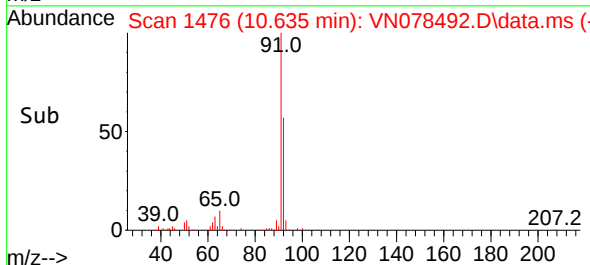
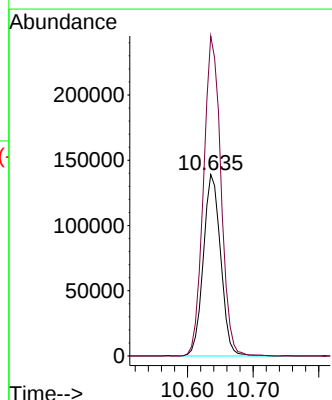
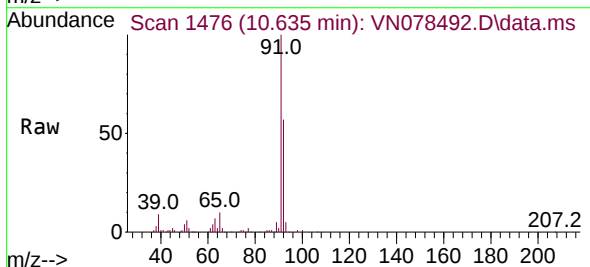
Manual Integrations
APPROVED

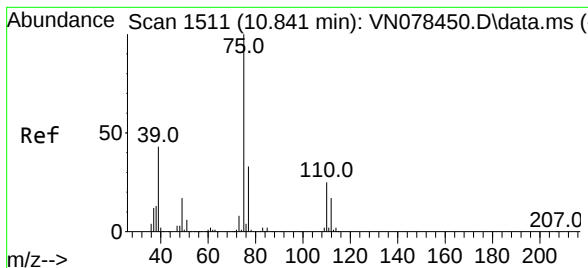
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#52
Toluene
Concen: 19.035 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

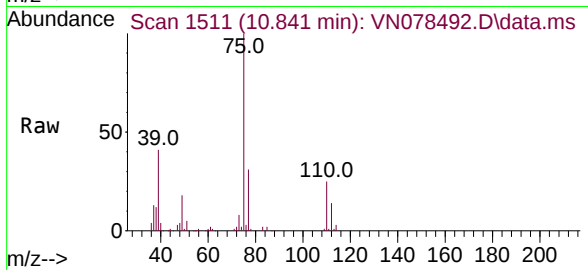
Tgt Ion: 92 Resp: 255697
Ion Ratio Lower Upper
92 100
91 177.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.695 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

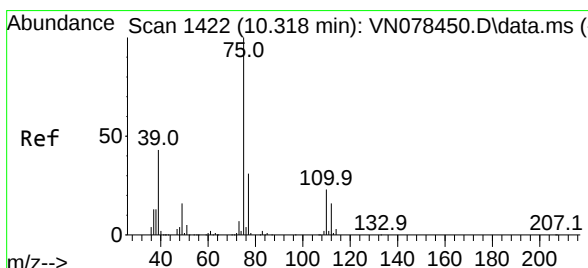
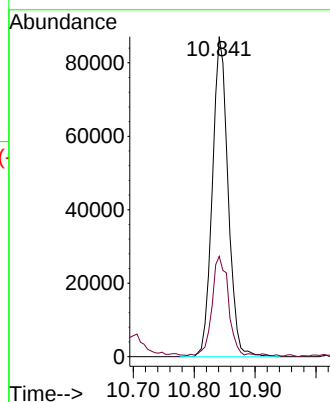
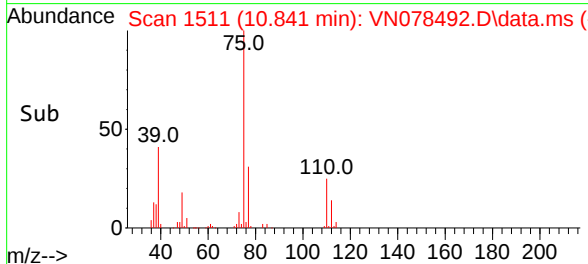
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



Tgt Ion: 75 Resp: 156268
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0

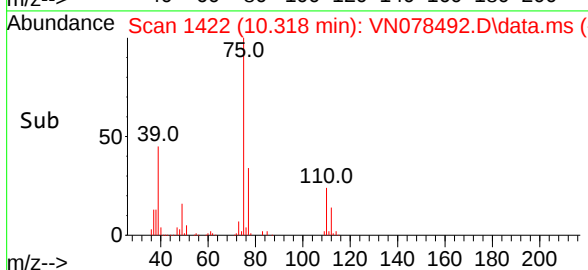
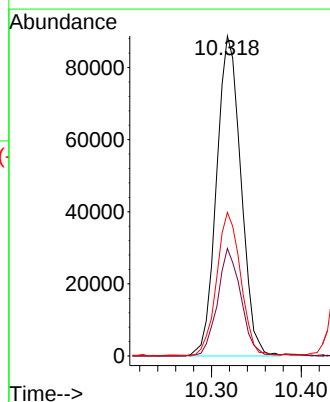
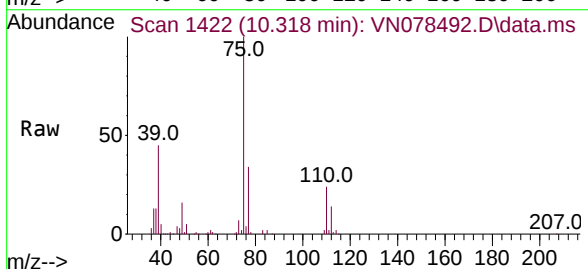
Manual Integrations
APPROVED

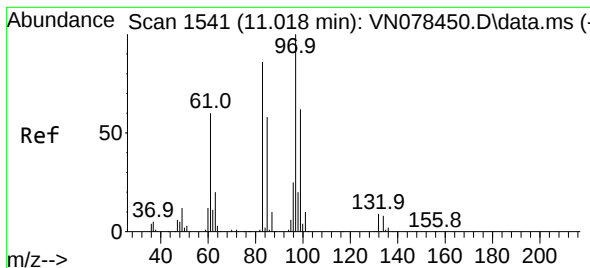
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#54
cis-1,3-Dichloropropene
Concen: 19.782 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

Tgt Ion: 75 Resp: 167313
Ion Ratio Lower Upper
75 100
77 33.6 26.1 39.1
39 44.6 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 19.978 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.005 min

Lab File: VN078492.D

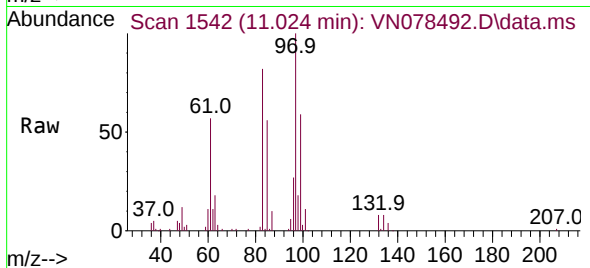
Acq: 13 Jul 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01



Tgt Ion: 97 Resp: 105738

Ion Ratio Lower Upper

97 100

83 82.4 65.1 97.7

85 56.2 43.4 65.2

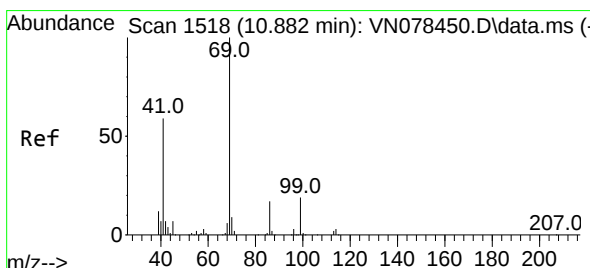
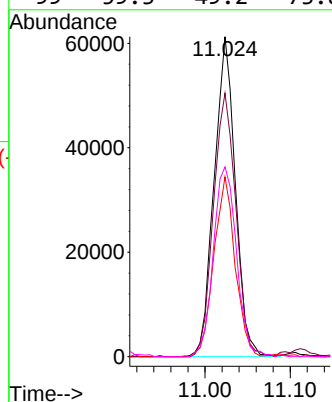
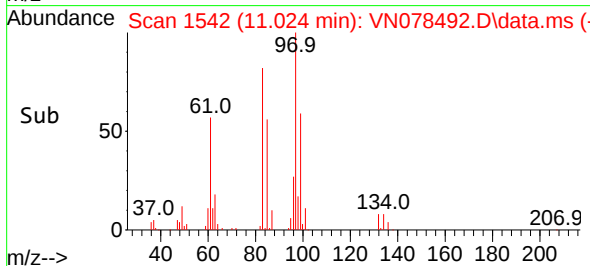
99 59.3 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#56

Ethyl methacrylate

Concen: 19.730 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078492.D

Acq: 13 Jul 2023 12:33

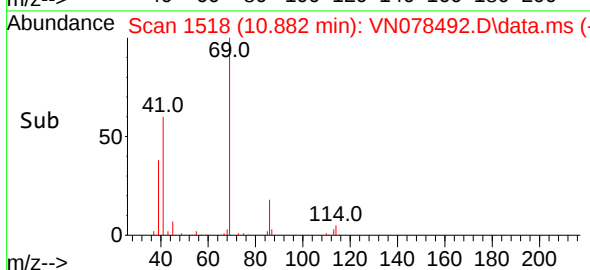
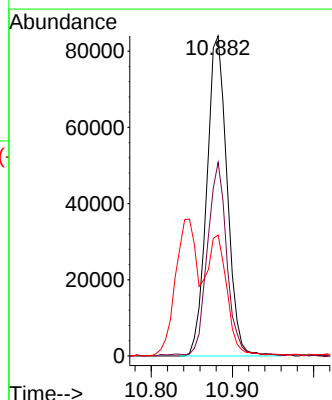
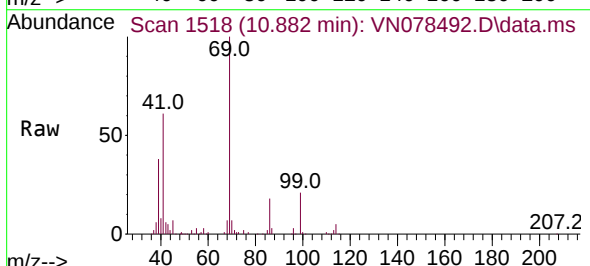
Tgt Ion: 69 Resp: 145968

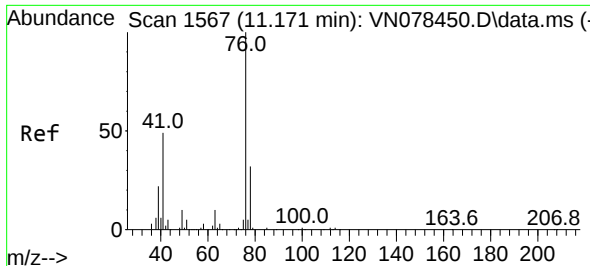
Ion Ratio Lower Upper

69 100

41 58.6 39.6 59.4

39 33.4 28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.658 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078492.D

Acq: 13 Jul 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

Tgt Ion: 76 Resp: 176899

Ion Ratio Lower Upper

76 100

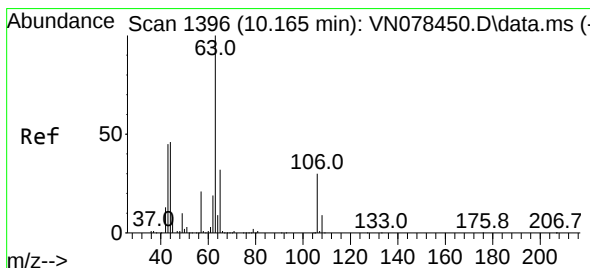
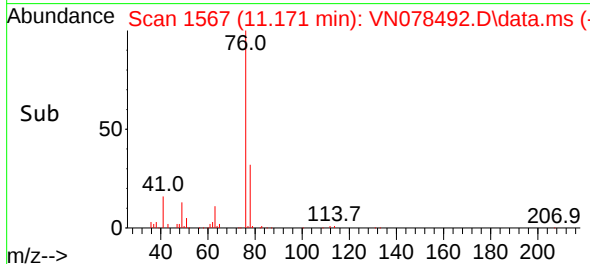
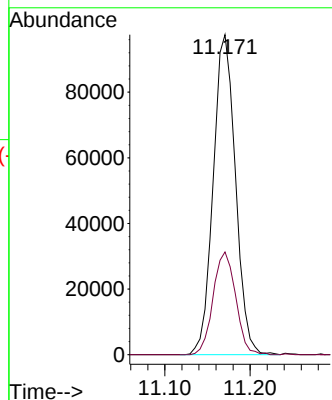
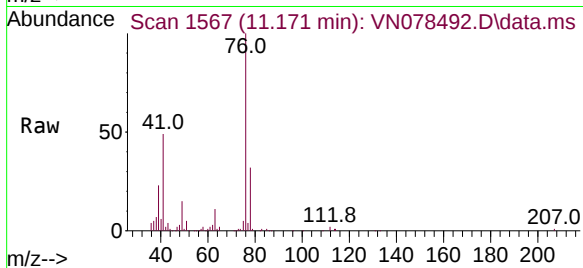
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 88.523 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078492.D

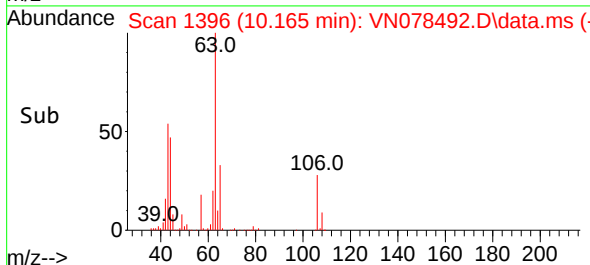
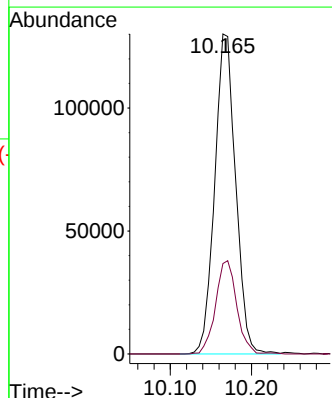
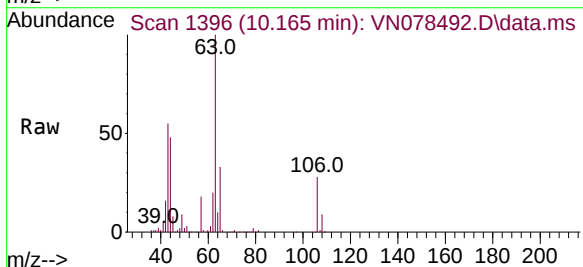
Acq: 13 Jul 2023 12:33

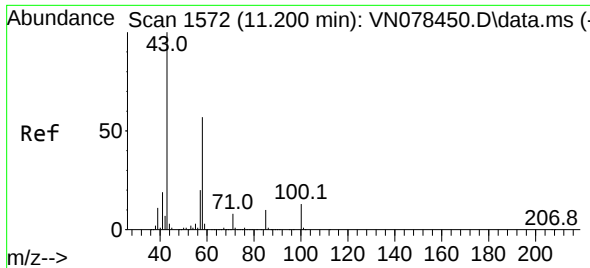
Tgt Ion: 63 Resp: 233399

Ion Ratio Lower Upper

63 100

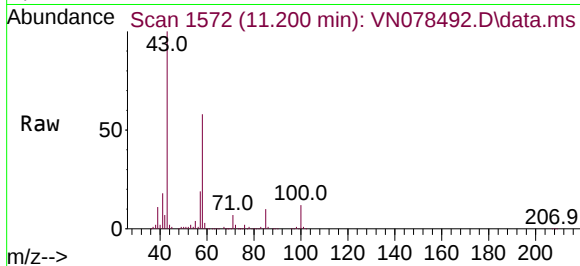
106 29.3 26.2 39.4





#59
2-Hexanone
Concen: 102.873 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

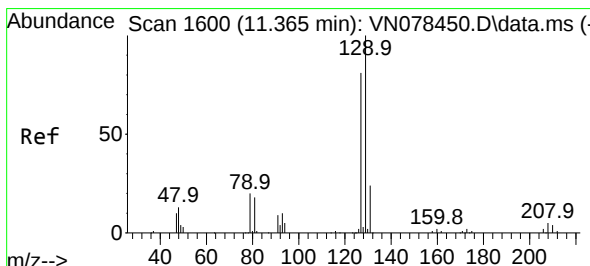
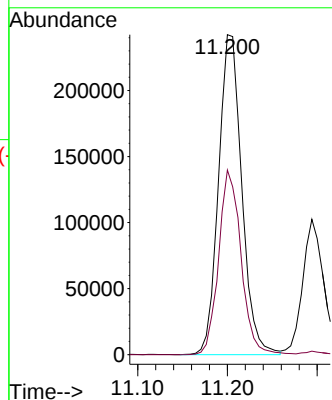
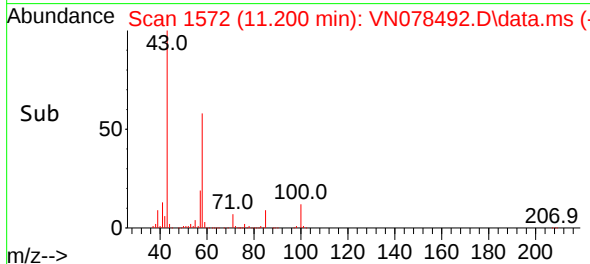
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



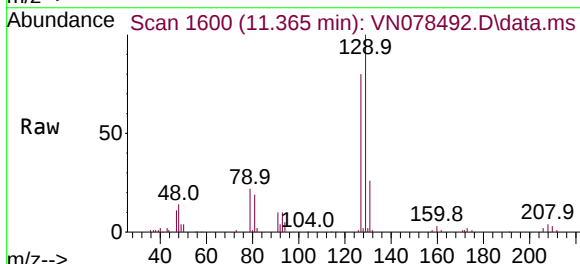
Tgt Ion: 43 Resp: 436659
Ion Ratio Lower Upper
43 100
58 55.6 31.7 95.1

Manual Integrations
APPROVED

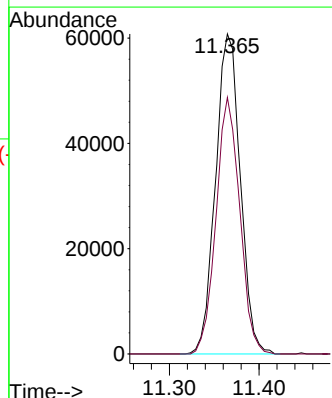
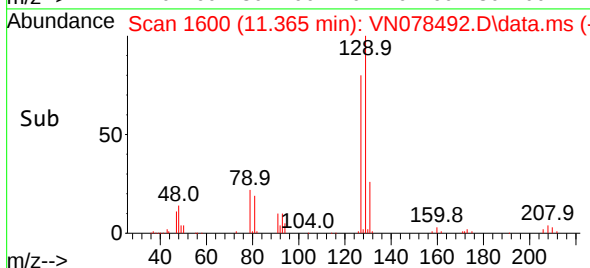
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

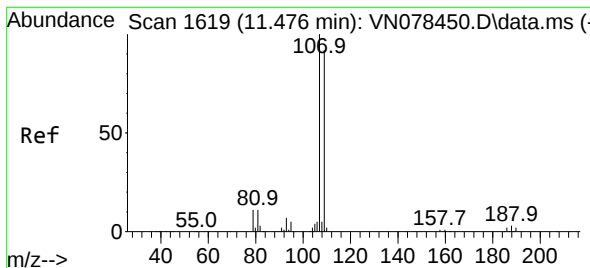


#60
Dibromochloromethane
Concen: 19.945 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33



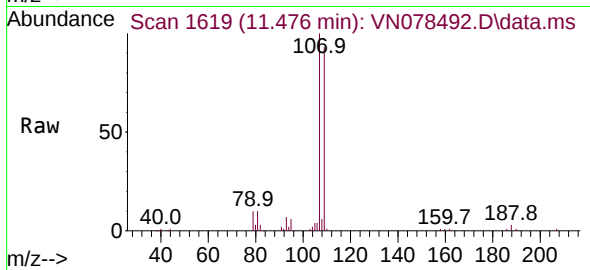
Tgt Ion:129 Resp: 116539
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.611 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

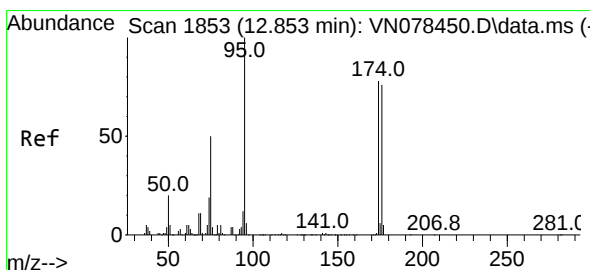
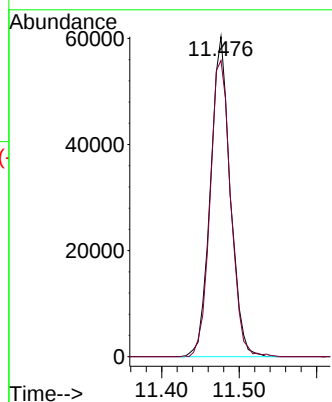
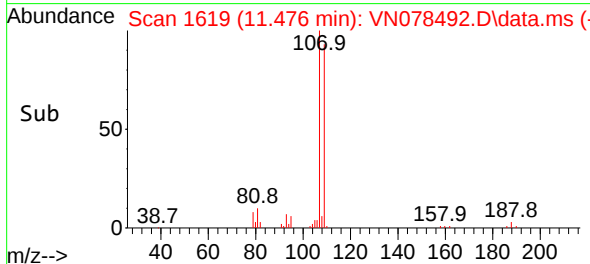
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



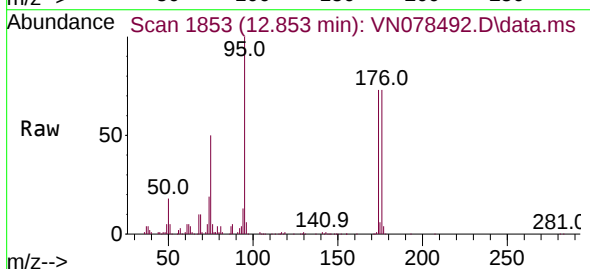
Tgt Ion:107 Resp: 10692
Ion Ratio Lower Upper
107 100
109 96.4 76.6 114.8

Manual Integrations
APPROVED

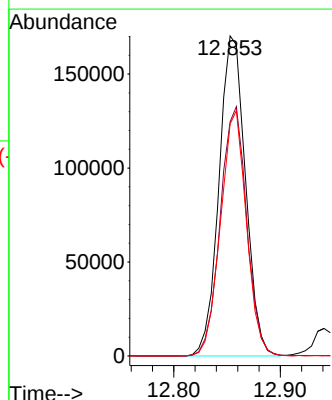
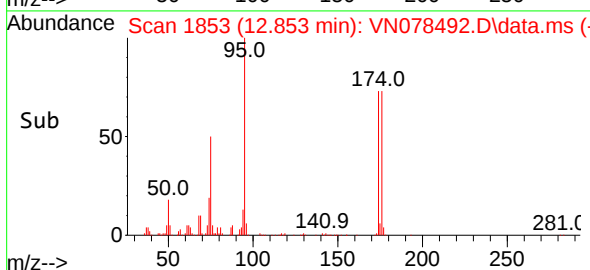
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

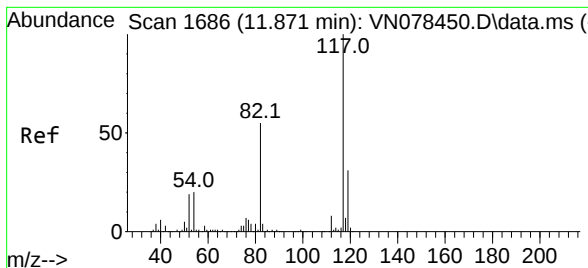


#62
4-Bromofluorobenzene
Concen: 49.870 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33



Tgt Ion: 95 Resp: 294020
Ion Ratio Lower Upper
95 100
174 77.8 0.0 143.8
176 74.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN078492.D

Acq: 13 Jul 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

Tgt Ion:117 Resp: 65958

Ion Ratio Lower Upper

117 100

82 54.0 44.0 66.0

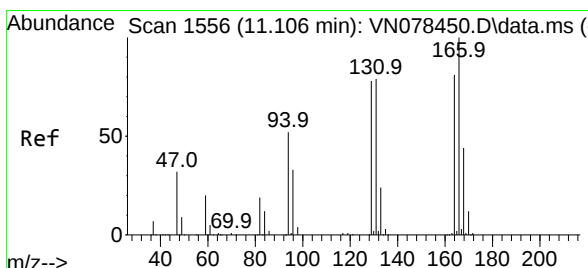
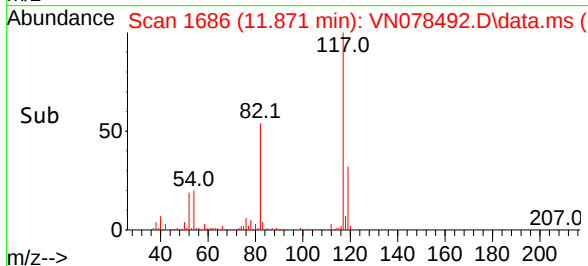
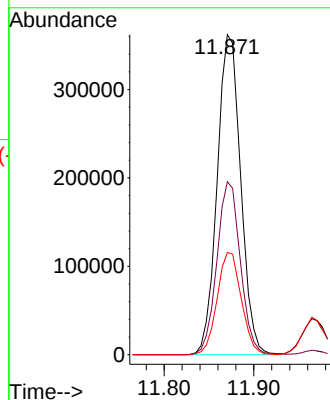
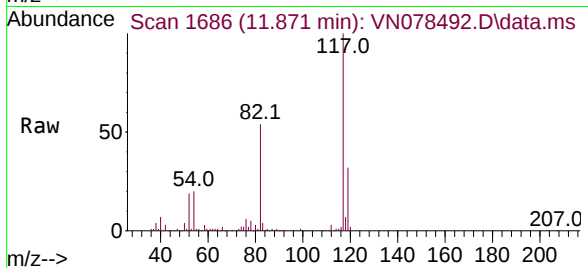
119 31.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#64

Tetrachloroethene

Concen: 19.909 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN078492.D

Acq: 13 Jul 2023 12:33

Tgt Ion:164 Resp: 98726

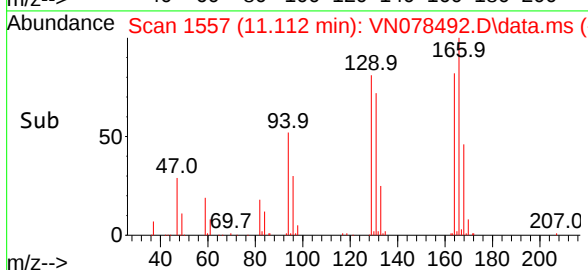
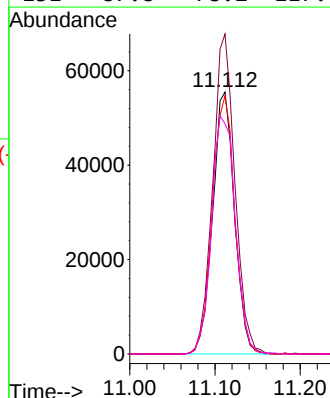
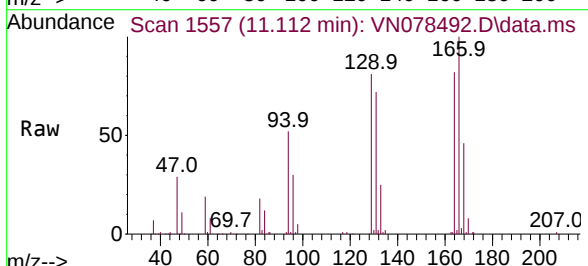
Ion Ratio Lower Upper

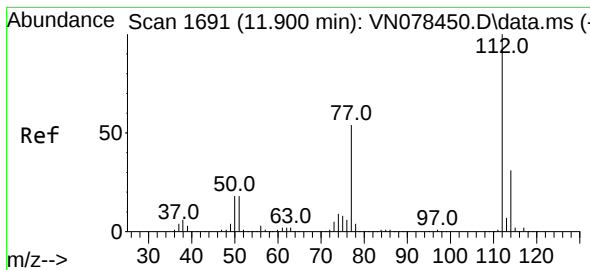
164 100

166 122.2 101.4 152.0

129 98.6 82.4 123.6

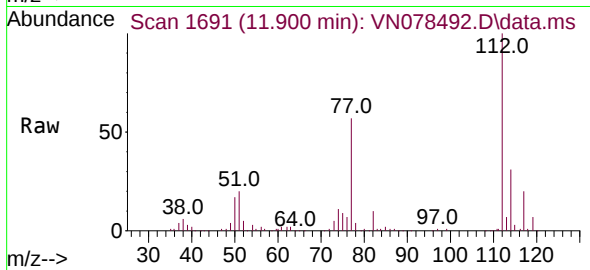
131 87.8 78.2 117.4





#65
Chlorobenzene
Concen: 18.532 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

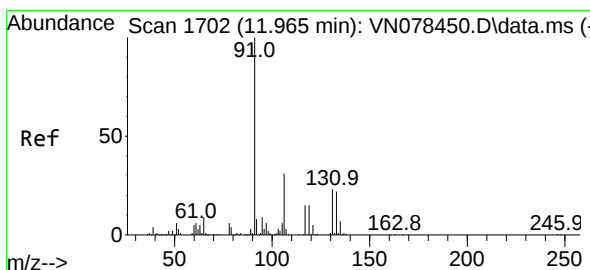
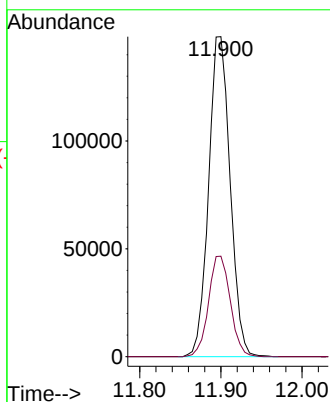
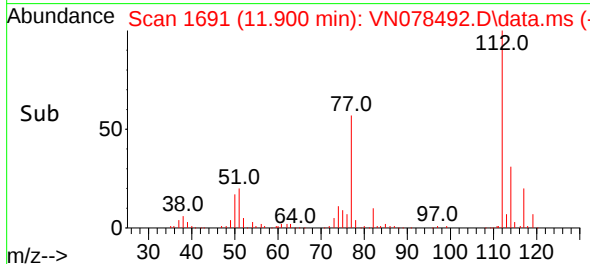
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



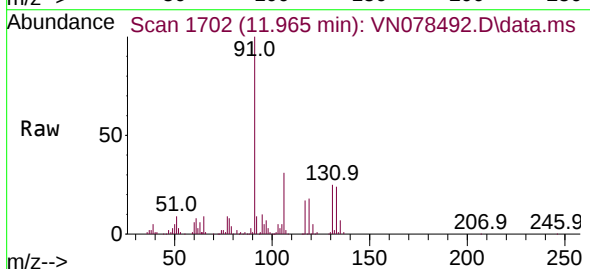
Tgt Ion:112 Resp: 27321
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4

Manual Integrations
APPROVED

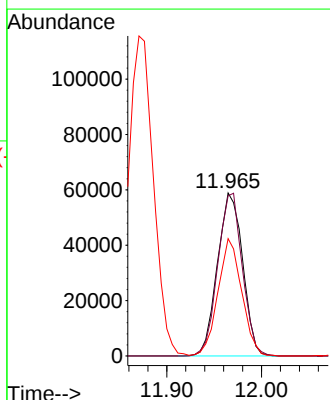
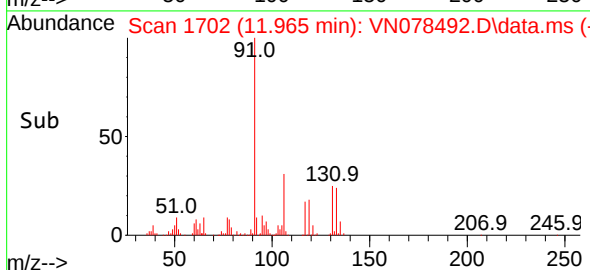
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

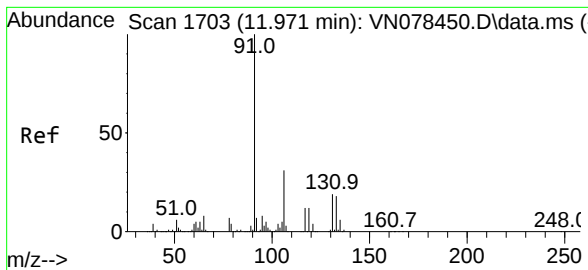


#66
1,1,1,2-Tetrachloroethane
Concen: 19.186 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33



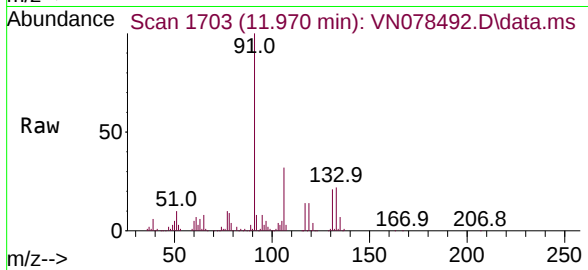
Tgt Ion:131 Resp: 108816
Ion Ratio Lower Upper
131 100
133 97.2 46.4 139.1
119 68.0 34.1 102.2





#67
Ethyl Benzene
Concen: 18.337 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

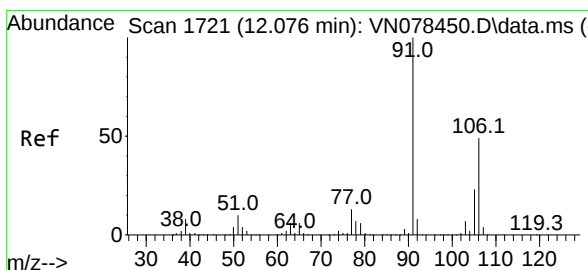
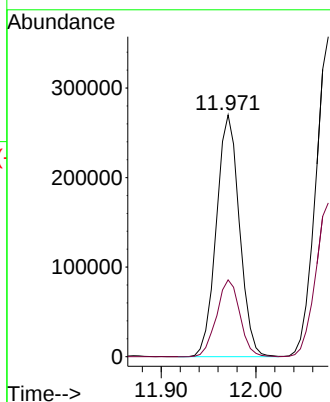
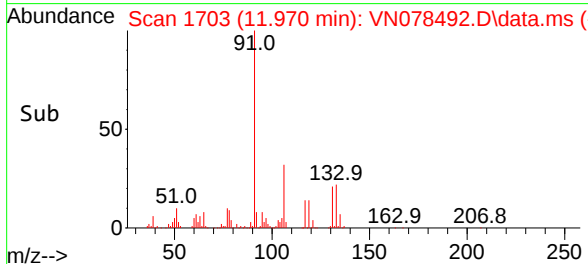
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



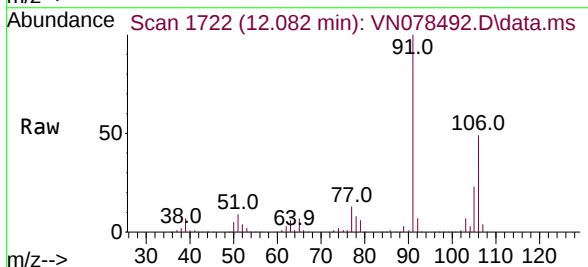
Tgt Ion: 91 Resp: 45697
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4

Manual Integrations
APPROVED

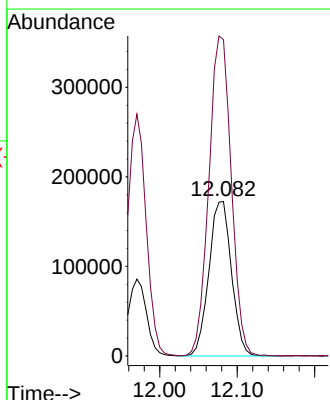
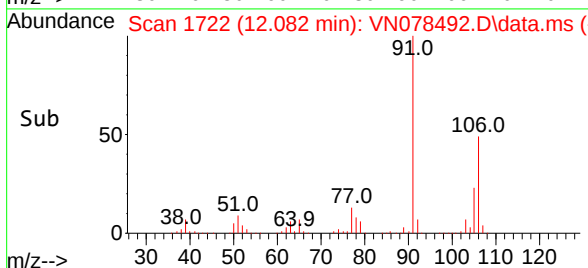
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

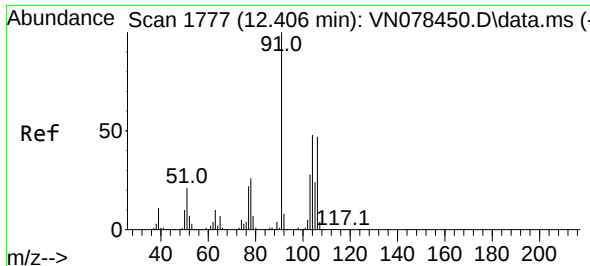


#68
m/p-Xylenes
Concen: 37.903 ug/l
RT: 12.082 min Scan# 1722
Delta R.T. 0.006 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33



Tgt Ion:106 Resp: 349234
Ion Ratio Lower Upper
106 100
91 205.9 159.6 239.4





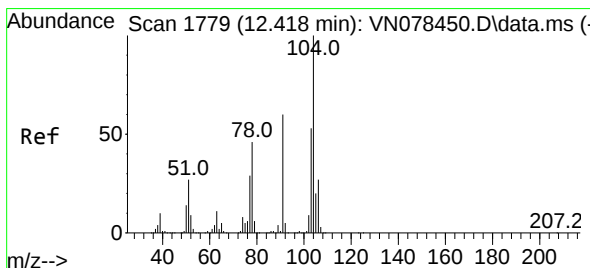
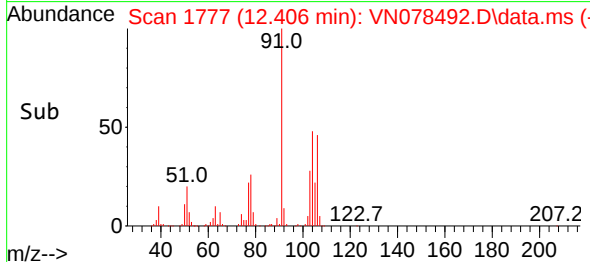
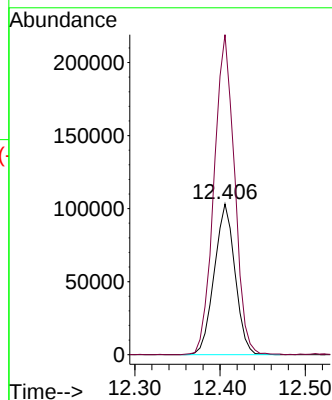
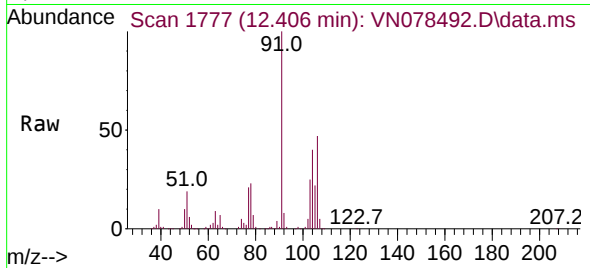
#69
o-Xylene
Concen: 18.732 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01

Tgt Ion:106 Resp: 174330
Ion Ratio Lower Upper
106 100
91 210.8 105.2 315.5

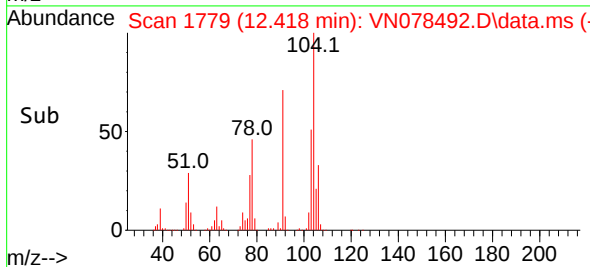
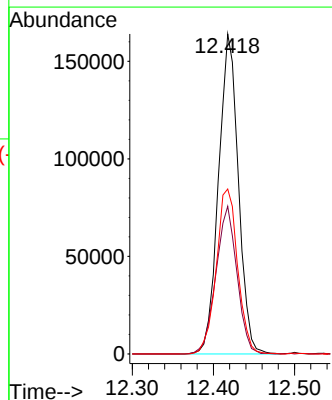
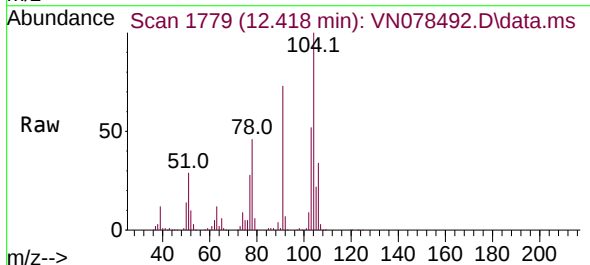
Manual Integrations
APPROVED

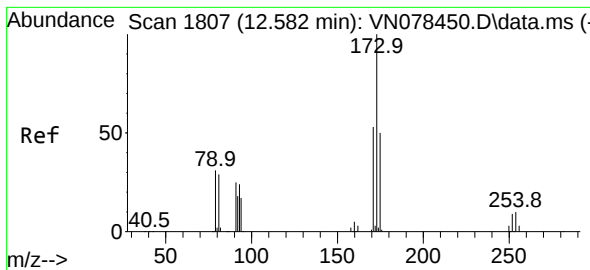
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#70
Styrene
Concen: 19.144 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

Tgt Ion:104 Resp: 278739
Ion Ratio Lower Upper
104 100
78 48.9 39.5 59.3
103 55.7 43.2 64.8





#71

Bromoform

Concen: 19.375 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078492.D

Acq: 13 Jul 2023 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBSD01

Tgt Ion:173 Resp: 7442

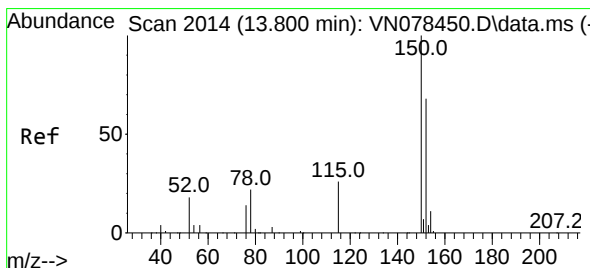
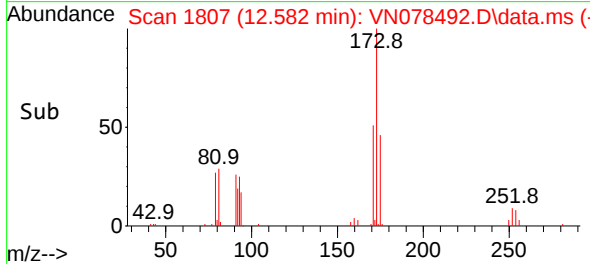
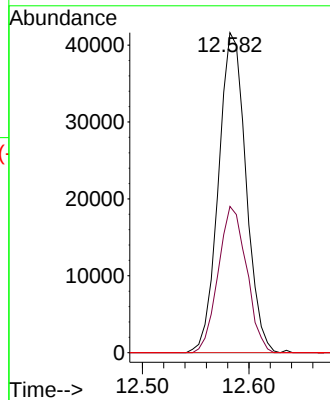
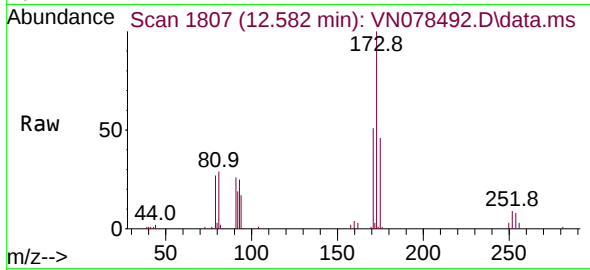
Ion	Ratio	Lower	Upper
173	100		
175	47.1	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

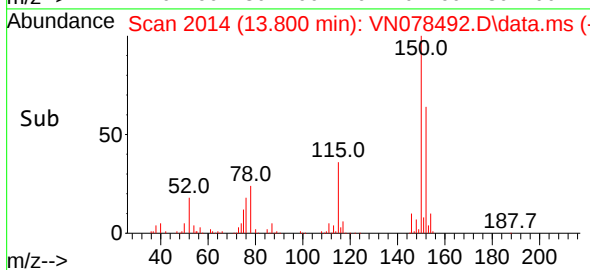
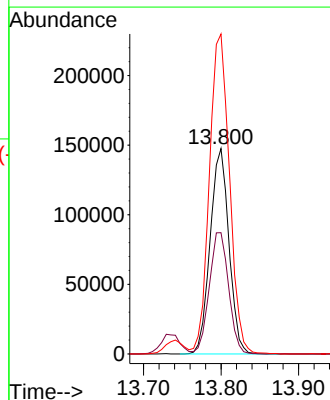
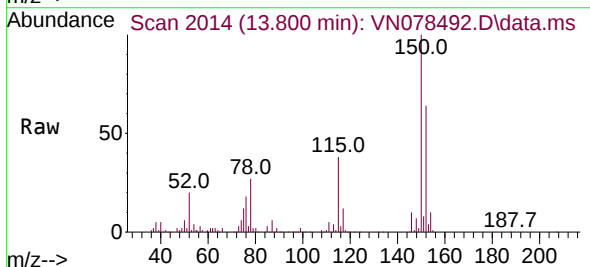
Delta R.T. -0.000 min

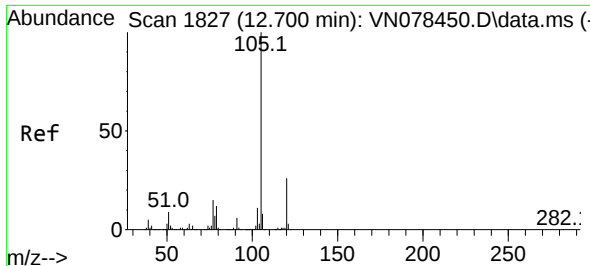
Lab File: VN078492.D

Acq: 13 Jul 2023 12:33

Tgt Ion:152 Resp: 248433

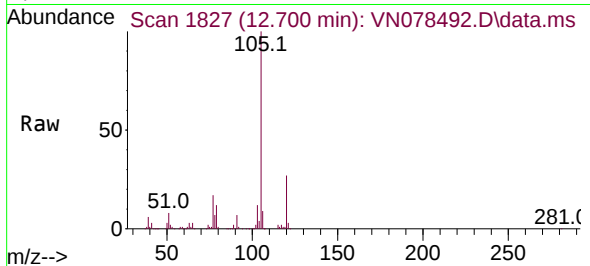
Ion	Ratio	Lower	Upper
152	100		
115	60.9	32.3	96.8
150	166.5	0.0	355.8





#73
Isopropylbenzene
Concen: 18.327 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

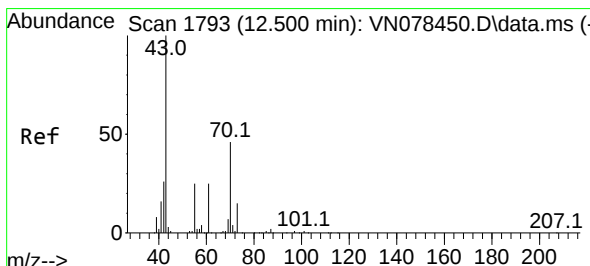
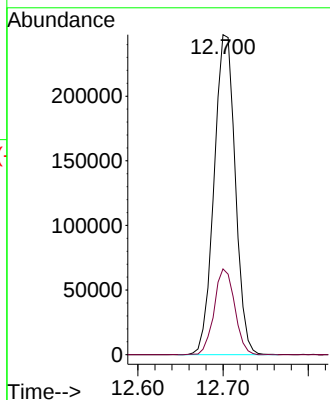
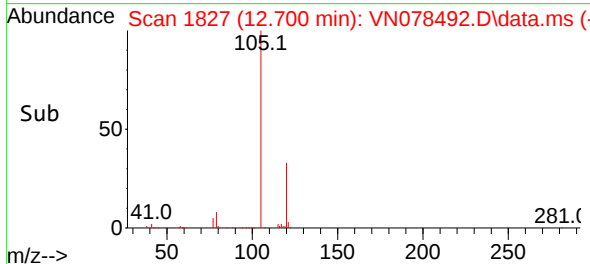
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



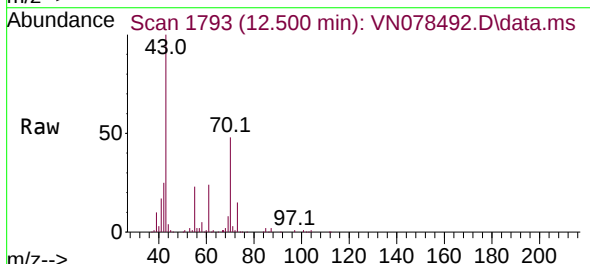
Tgt Ion:105 Resp: 427825
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

Manual Integrations
APPROVED

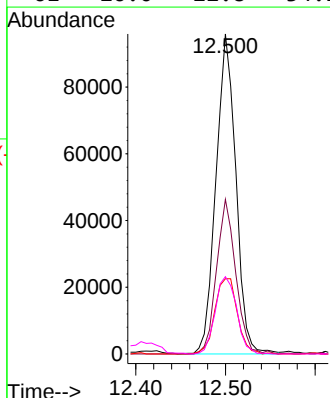
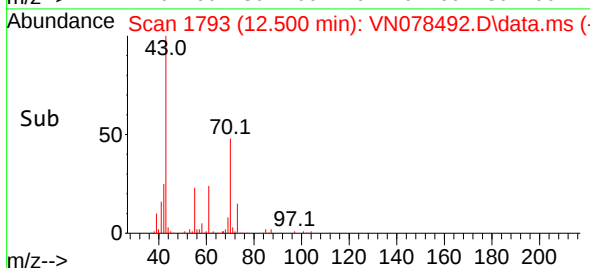
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

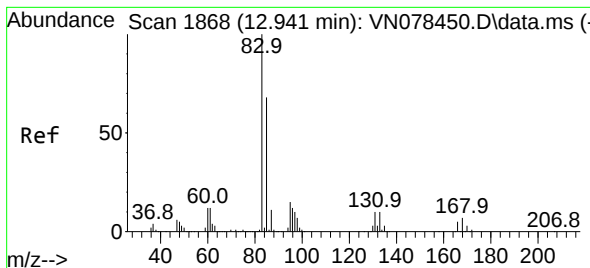


#74
N-ethyl acetate
Concen: 18.373 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33



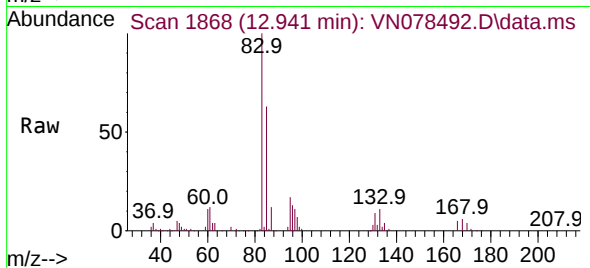
Tgt Ion: 43 Resp: 147806
Ion Ratio Lower Upper
43 100
70 46.7 43.4 65.2
55 26.9 21.4 32.0
61 26.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.429 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

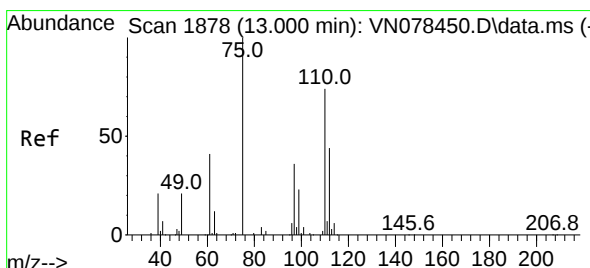
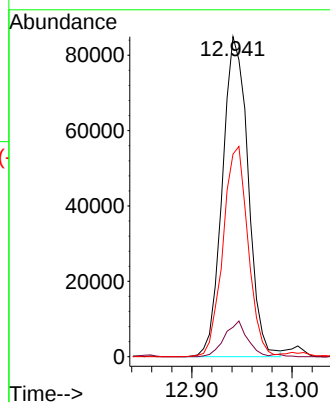
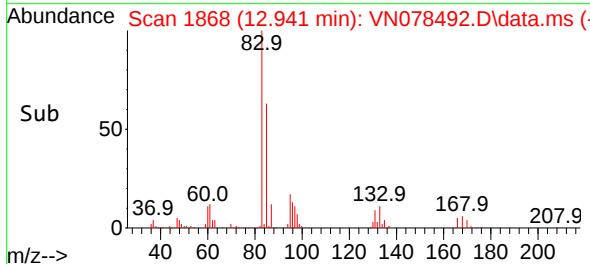
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



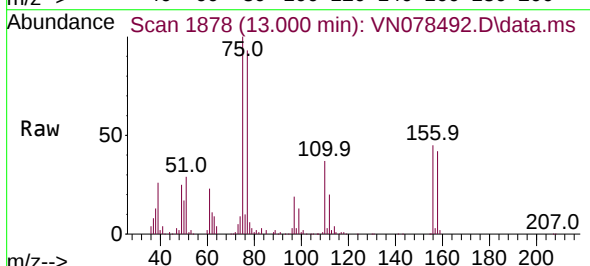
Tgt Ion: 83 Resp: 15125
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 64.1 31.9 95.7

Manual Integrations
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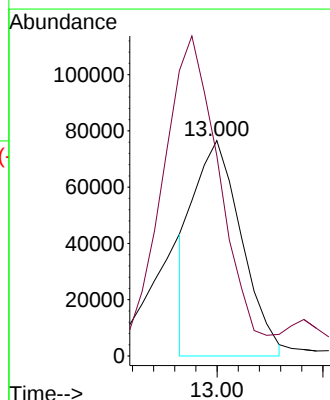
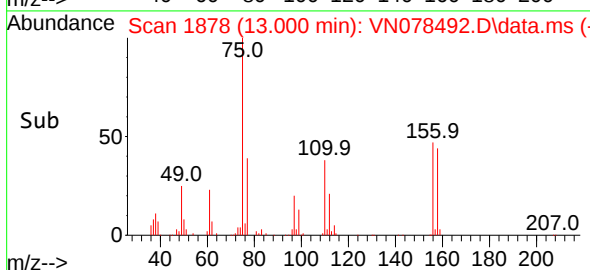
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

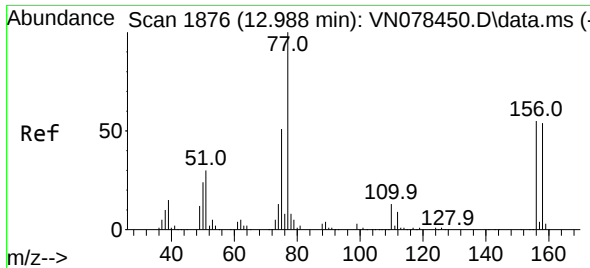


#76
1,2,3-Trichloropropane
Concen: 20.119 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33



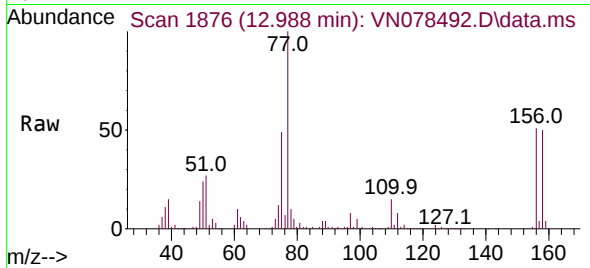
Tgt Ion: 75 Resp: 120812
Ion Ratio Lower Upper
75 100
77 180.3 84.5 253.5





#77
Bromobenzene
Concen: 19.648 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

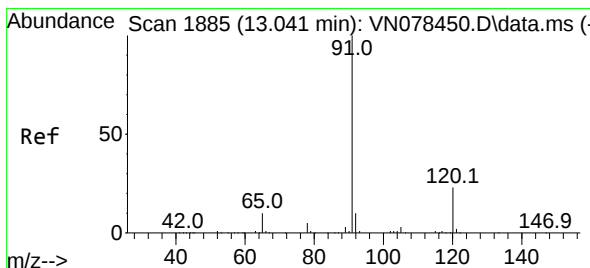
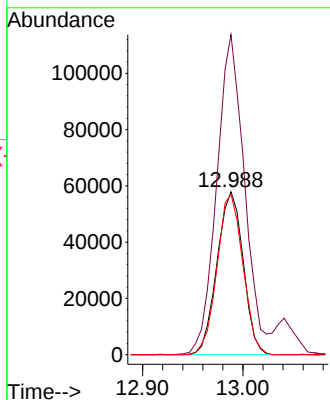
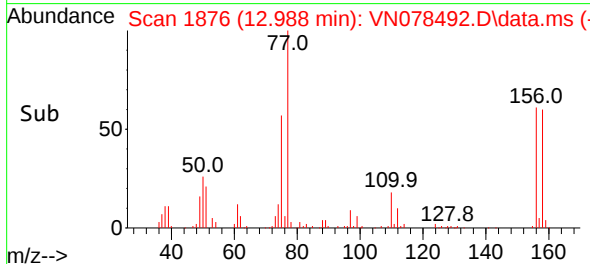
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



Tgt Ion:156 Resp: 104509
Ion Ratio Lower Upper
156 100
77 208.4 107.7 323.3
158 97.5 48.4 145.3

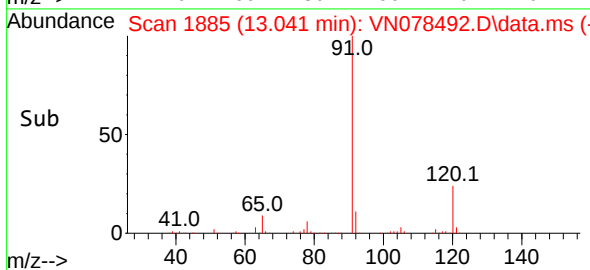
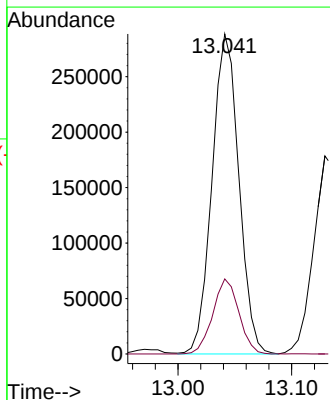
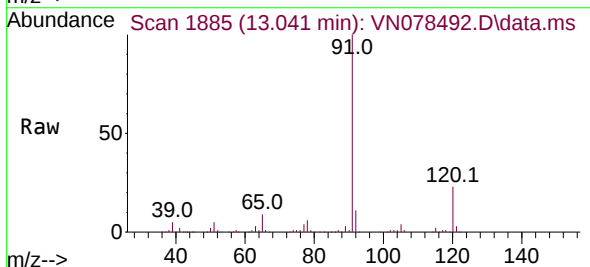
Manual Integrations
APPROVED

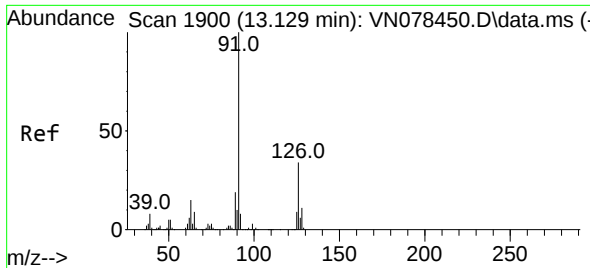
Reviewed By :John Carbone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#78
n-propylbenzene
Concen: 18.929 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

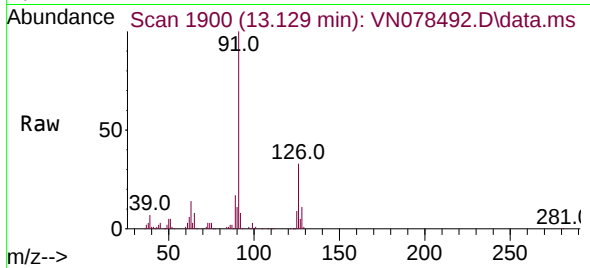
Tgt Ion: 91 Resp: 472572
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





#79
2-Chlorotoluene
Concen: 18.943 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

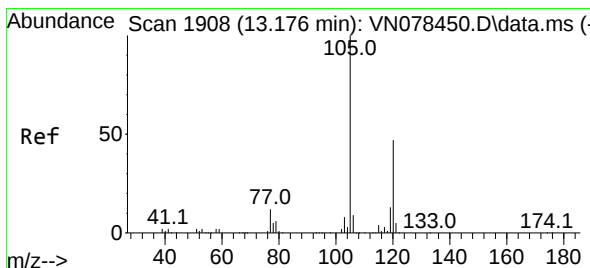
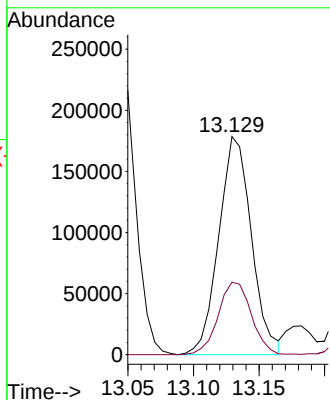
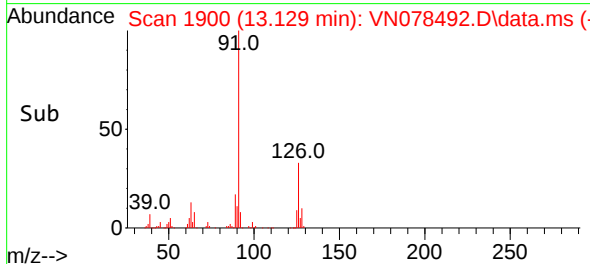
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



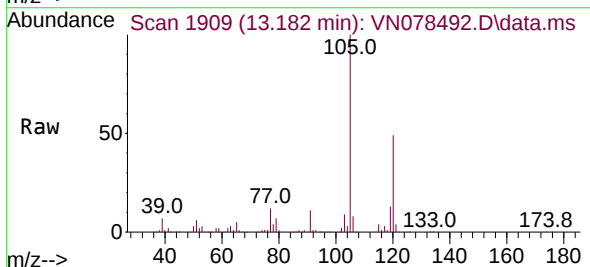
Tgt Ion: 91 Resp: 309762
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8

Manual Integrations
APPROVED

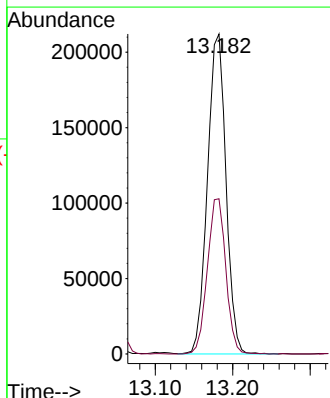
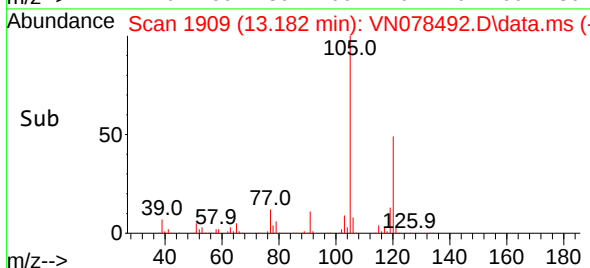
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

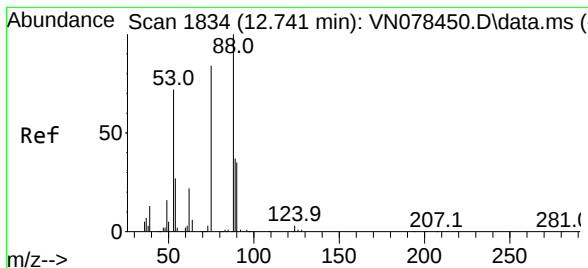


#80
1,3,5-Trimethylbenzene
Concen: 19.053 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33



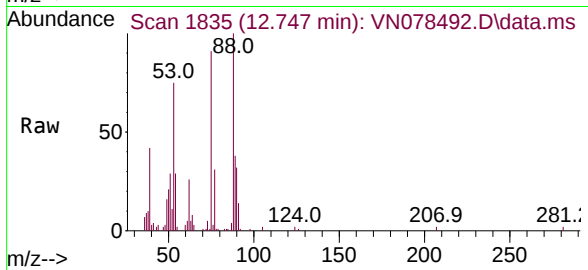
Tgt Ion:105 Resp: 351415
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.326 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

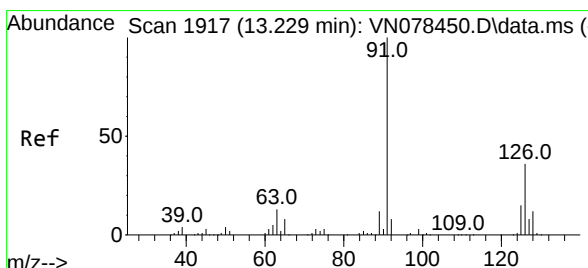
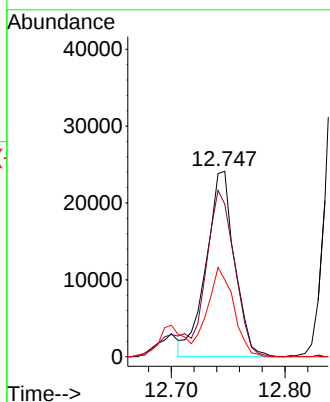
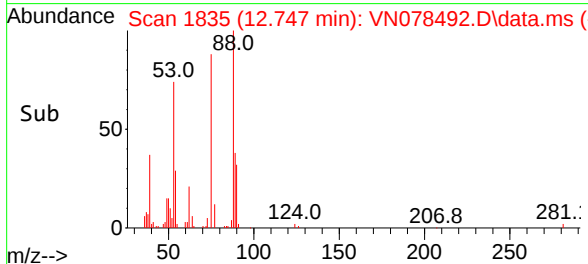
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



Tgt Ion: 75 Resp: 4187
Ion Ratio Lower Upper
75 100
53 87.3 67.4 101.2
89 44.4 38.8 58.2

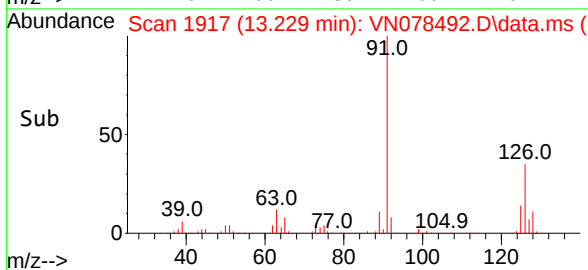
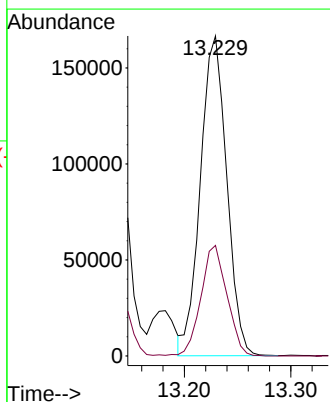
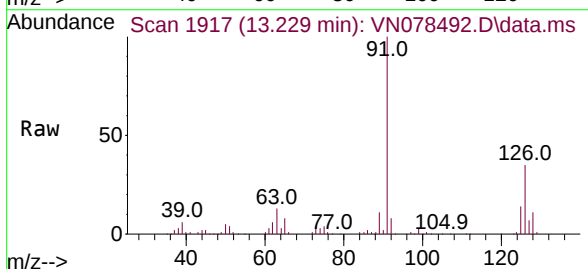
Manual Integrations
APPROVED

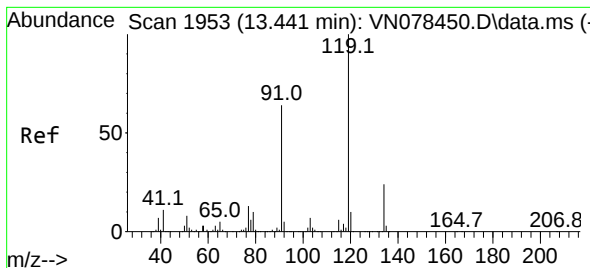
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#82
4-Chlorotoluene
Concen: 18.790 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

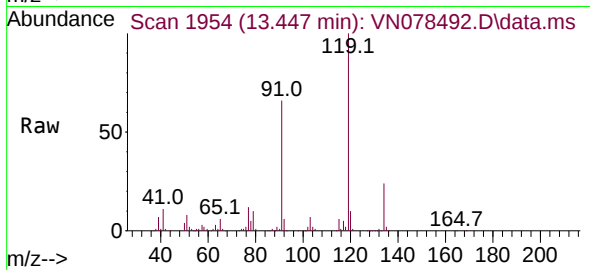
Tgt Ion: 91 Resp: 286630
Ion Ratio Lower Upper
91 100
126 34.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.425 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

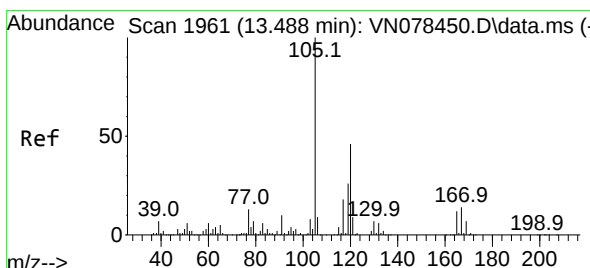
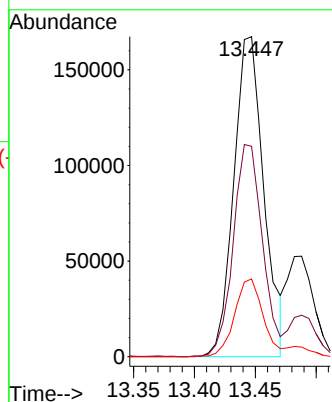
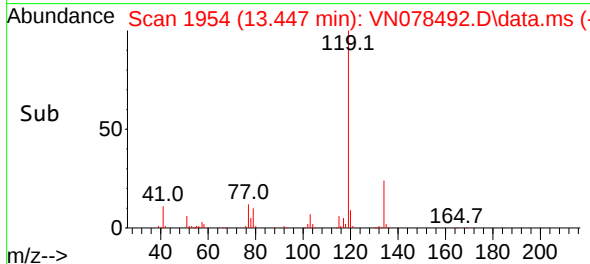
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



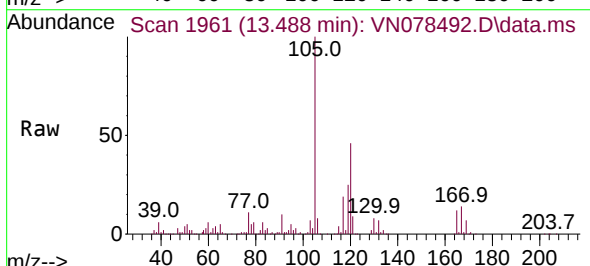
Tgt Ion:119 Resp: 28853
Ion Ratio Lower Upper
119 100
91 64.6 33.9 101.7
134 23.4 13.2 39.6

Manual Integrations
APPROVED

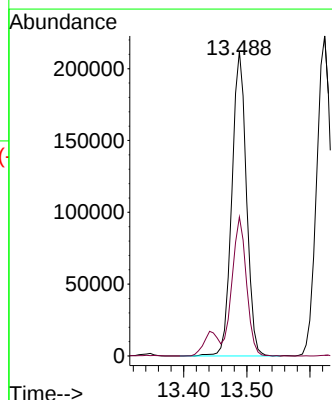
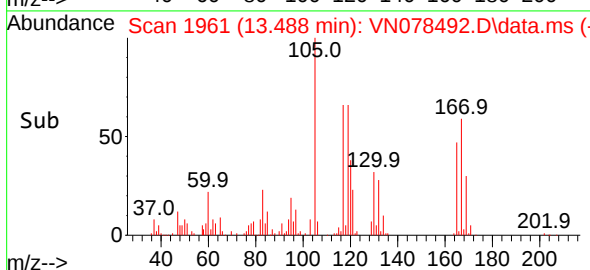
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

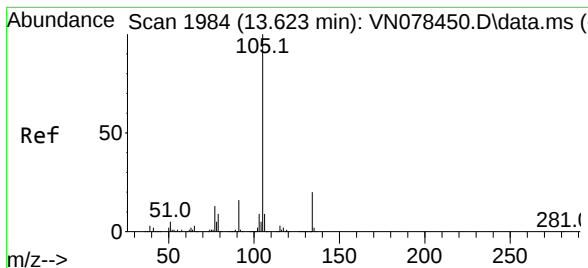


#84
1,2,4-Trimethylbenzene
Concen: 18.936 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33



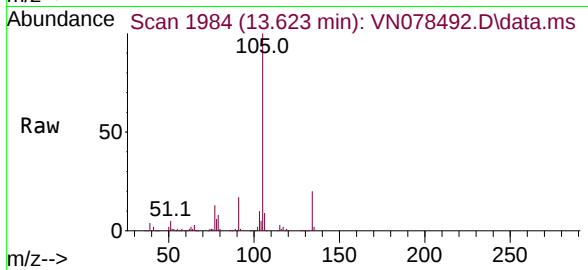
Tgt Ion:105 Resp: 339245
Ion Ratio Lower Upper
105 100
120 45.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.216 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078492.D
 Acq: 13 Jul 2023 12:33

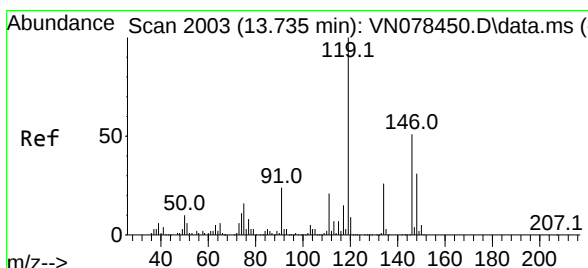
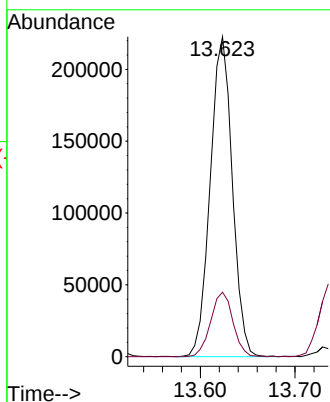
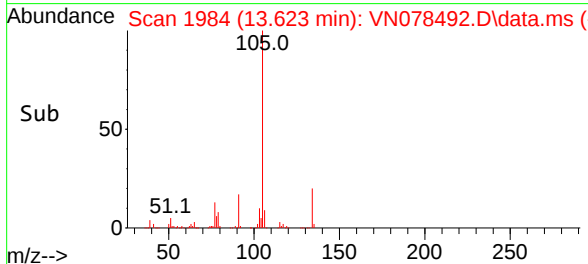
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBSD01



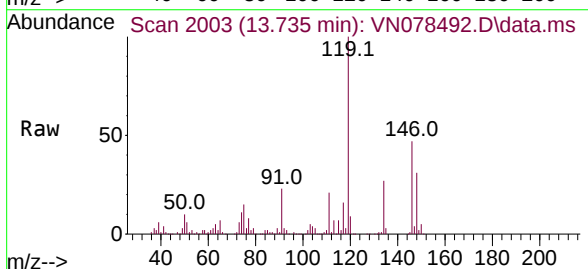
Tgt Ion:105 Resp: 36056
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3

Manual Integrations
 APPROVED

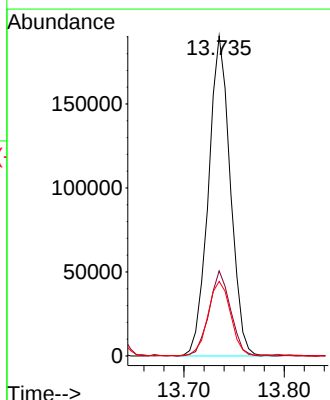
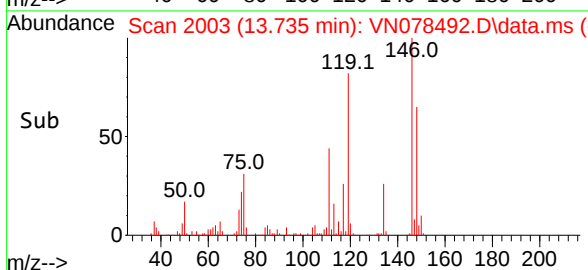
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023

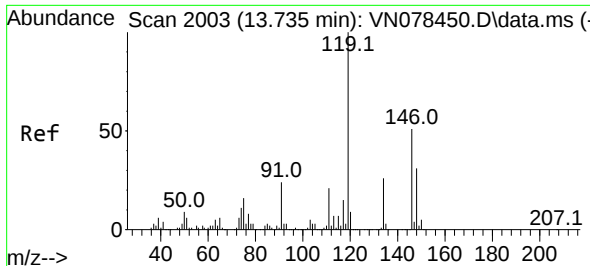


#86
 p-Isopropyltoluene
 Concen: 18.200 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078492.D
 Acq: 13 Jul 2023 12:33



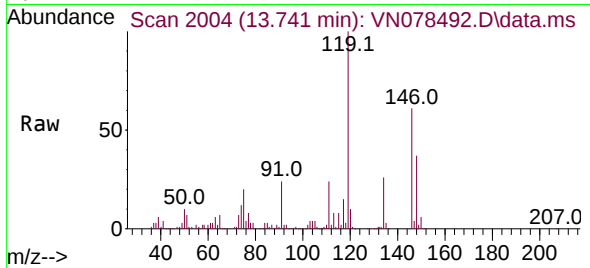
Tgt Ion:119 Resp: 289256
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 24.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.870 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

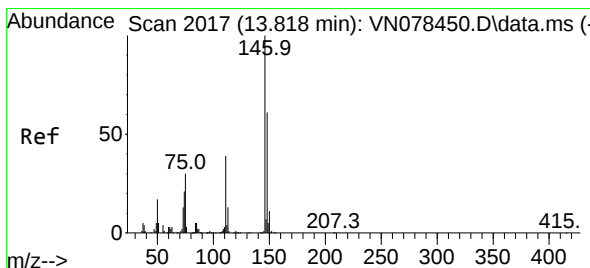
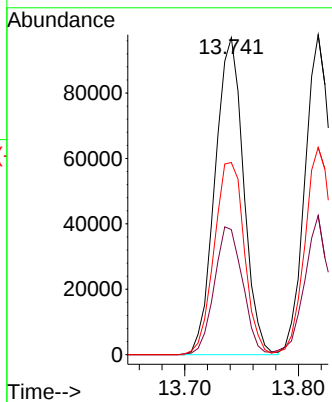
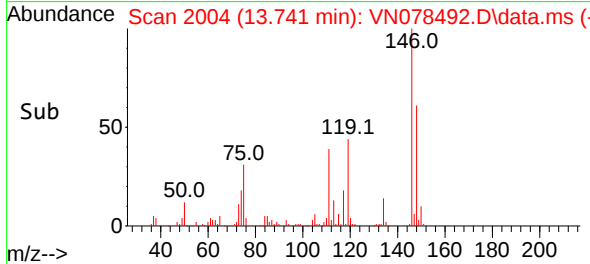
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



Tgt Ion:146 Resp: 169109
Ion Ratio Lower Upper
146 100
111 40.2 22.1 66.3
148 64.1 32.0 96.0

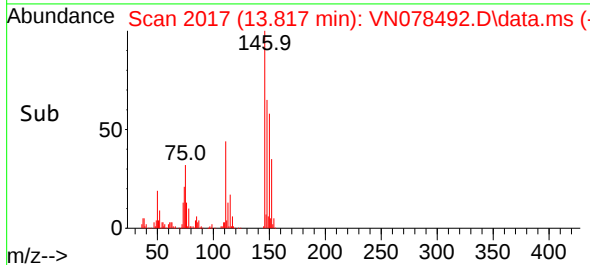
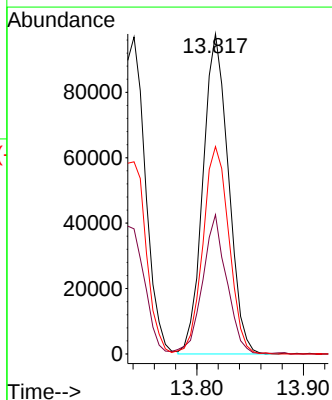
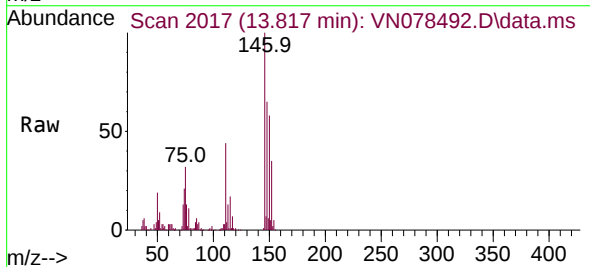
Manual Integrations
APPROVED

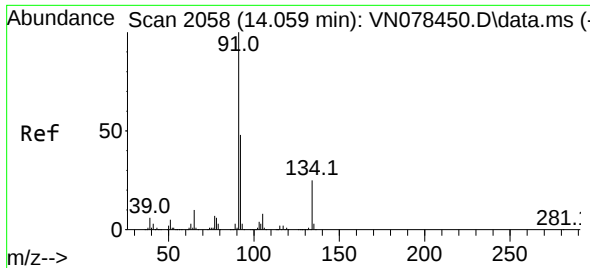
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#88
1,4-Dichlorobenzene
Concen: 17.983 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

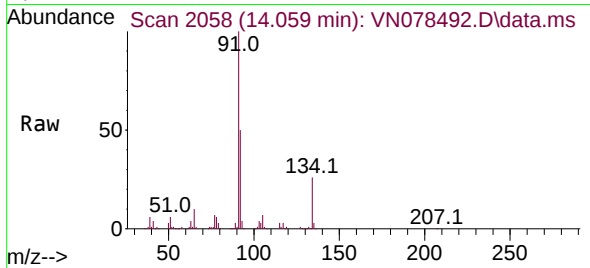
Tgt Ion:146 Resp: 162325
Ion Ratio Lower Upper
146 100
111 40.7 20.6 61.8
148 66.4 31.6 94.8





#89
n-Butylbenzene
Concen: 18.519 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

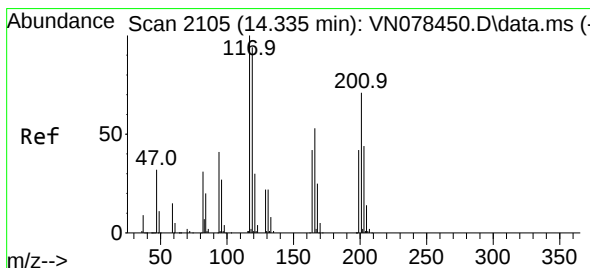
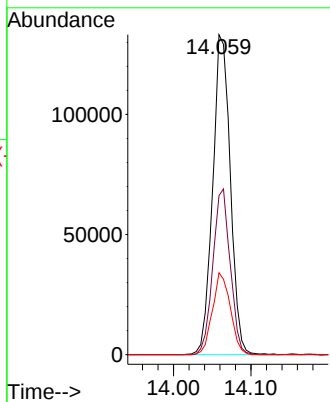
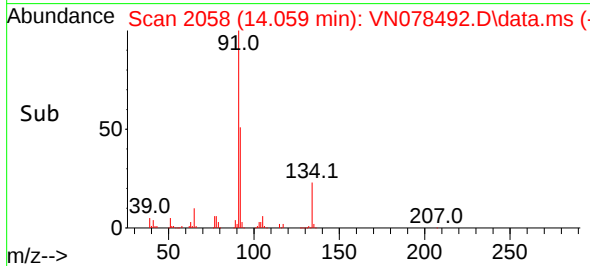
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



Tgt Ion: 91 Resp: 210592
Ion Ratio Lower Upper
91 100
92 50.9 26.4 79.0
134 25.9 12.6 37.6

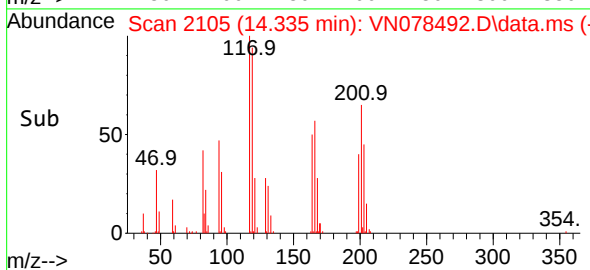
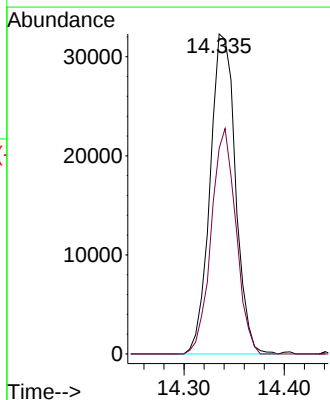
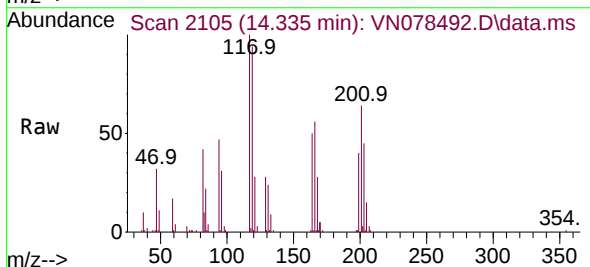
Manual Integrations
APPROVED

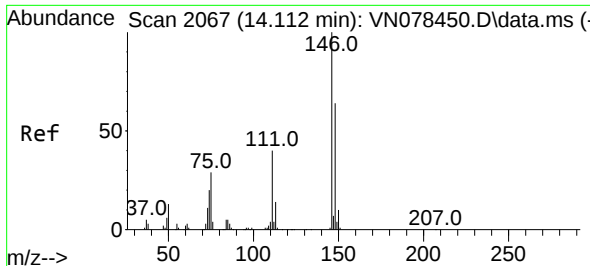
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#90
Hexachloroethane
Concen: 18.929 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

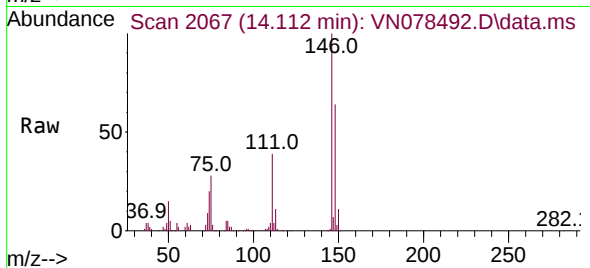
Tgt Ion:117 Resp: 56777
Ion Ratio Lower Upper
117 100
201 68.4 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 19.034 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

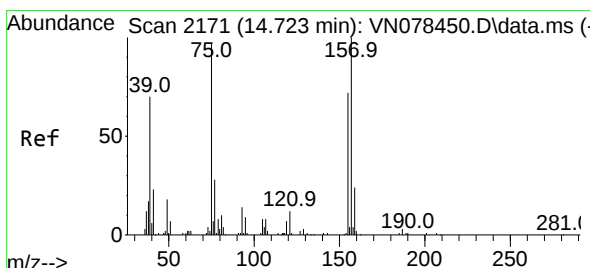
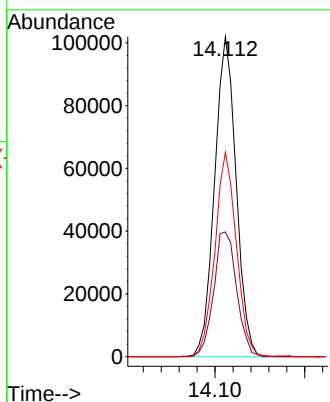
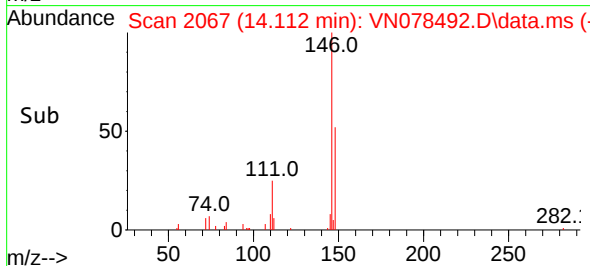
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



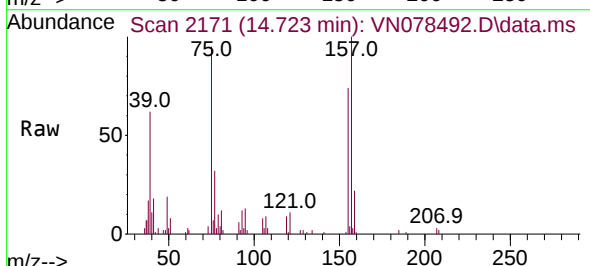
Tgt Ion:146 Resp: 169748
Ion Ratio Lower Upper
146 100
111 41.6 22.0 66.0
148 63.7 31.8 95.3

Manual Integrations
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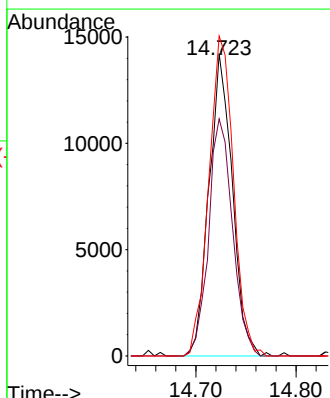
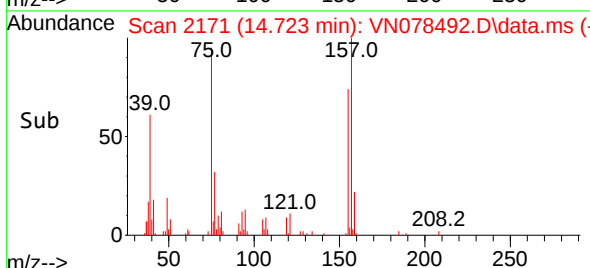
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

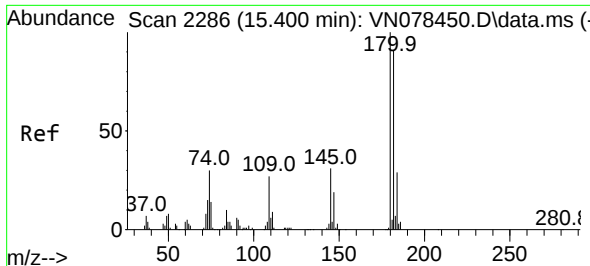


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.381 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33



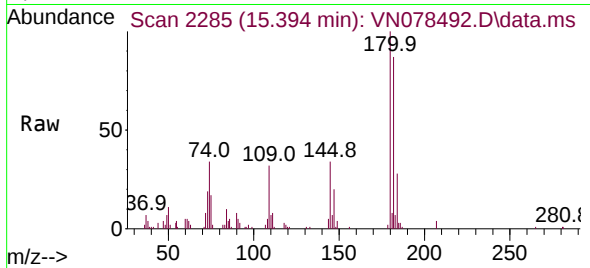
Tgt Ion: 75 Resp: 22973
Ion Ratio Lower Upper
75 100
155 80.5 39.1 117.2
157 111.8 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.020 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

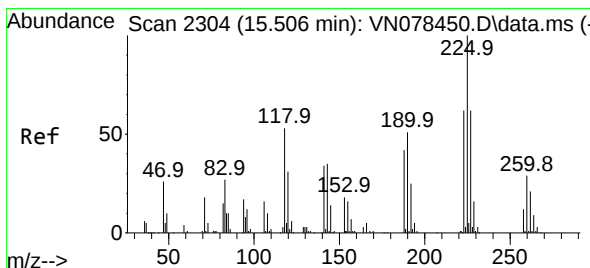
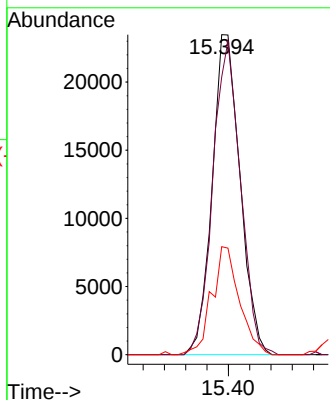
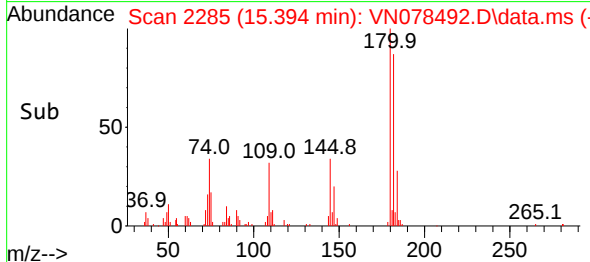
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



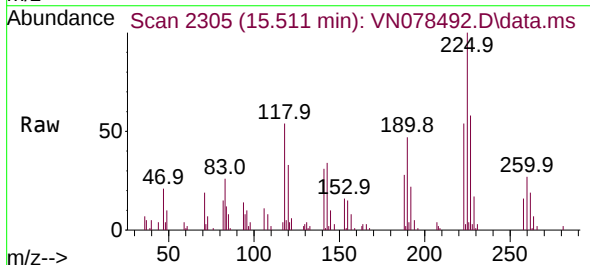
Tgt Ion:180 Resp: 42752
Ion Ratio Lower Upper
180 100
182 96.8 46.1 138.2
145 33.4 16.6 49.8

Manual Integrations
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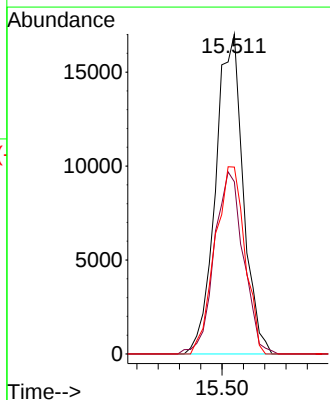
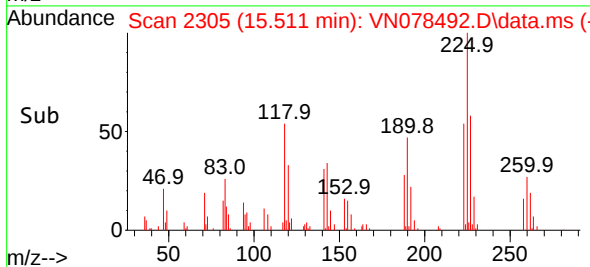
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

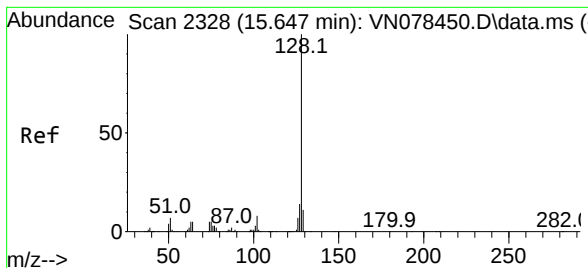


#94
Hexachlorobutadiene
Concen: 18.147 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33



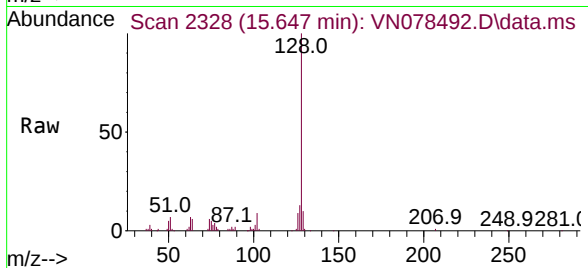
Tgt Ion:225 Resp: 30603
Ion Ratio Lower Upper
225 100
223 60.2 31.3 93.8
227 63.3 31.9 95.9





#95
Naphthalene
Concen: 14.017 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33

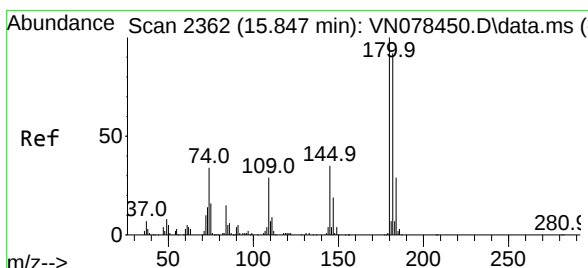
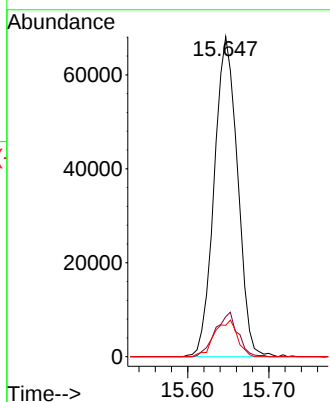
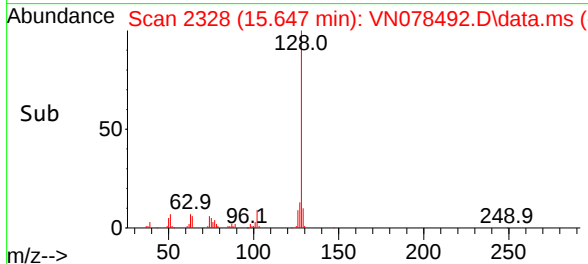
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBSD01



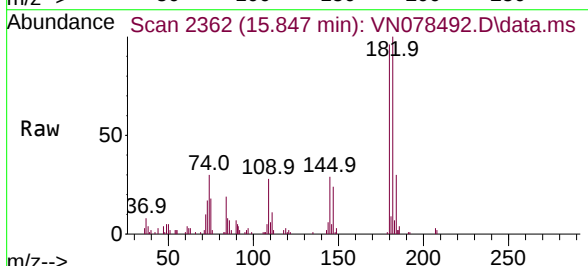
Tgt Ion:128 Resp: 136394
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.780 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078492.D
Acq: 13 Jul 2023 12:33



Tgt Ion:180 Resp: 51646
Ion Ratio Lower Upper
180 100
182 98.2 46.2 138.6
145 32.1 17.5 52.6

