

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071323\
 Data File : VN078491.D
 Acq On : 13 Jul 2023 11:55
 Operator : JC\MD
 Sample : VN0713WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jul 14 01:30:18 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	455301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	779809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	693431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	267949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	318562	52.191	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.380%			
35) Dibromofluoromethane	8.171	113	277665	52.453	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.900%			
50) Toluene-d8	10.576	98	1030217	51.517	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.040%			
62) 4-Bromofluorobenzene	12.853	95	311851	50.628	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	97559	17.477	ug/l	97
3) Chloromethane	2.371	50	119372	19.674	ug/l	98
4) Vinyl Chloride	2.518	62	147631	18.809	ug/l	98
5) Bromomethane	2.959	94	101820	17.254	ug/l	96
6) Chloroethane	3.124	64	93436	18.468	ug/l	96
7) Trichlorofluoromethane	3.500	101	171010	18.227	ug/l	93
8) Diethyl Ether	3.971	74	58136	18.598	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	93295	18.784	ug/l	97
10) Methyl Iodide	4.600	142	121706	17.833	ug/l	94
11) Tert butyl alcohol	5.541	59	93178	98.997	ug/l	98
12) 1,1-Dichloroethene	4.347	96	90537	18.845	ug/l	96
13) Acrolein	4.194	56	101240	109.326	ug/l	98
14) Allyl chloride	5.030	41	129212	19.683	ug/l	94
15) Acrylonitrile	5.730	53	232794	97.890	ug/l	99
16) Acetone	4.441	43	183850	96.695	ug/l	97
17) Carbon Disulfide	4.718	76	233004	16.772	ug/l	98
18) Methyl Acetate	5.036	43	153812	19.110	ug/l #	88
19) Methyl tert-butyl Ether	5.812	73	298744	18.873	ug/l	99
20) Methylene Chloride	5.288	84	111832	19.766	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	98532	18.200	ug/l	88
22) Diisopropyl ether	6.683	45	286354	19.481	ug/l	94
23) Vinyl Acetate	6.618	43	888142	95.040	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	186047	18.783	ug/l	96
25) 2-Butanone	7.494	43	294868	98.521	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	157772	19.475	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	115498	18.442	ug/l	90
28) Bromochloromethane	7.824	49	97408	20.879	ug/l	93
29) Tetrahydrofuran	7.853	42	191829	97.679	ug/l #	84
30) Chloroform	7.977	83	202785	19.665	ug/l	94
31) Cyclohexane	8.265	56	148522	18.005	ug/l	91
32) 1,1,1-Trichloroethane	8.182	97	176813	19.124	ug/l	99
36) 1,1-Dichloropropene	8.377	75	141352	18.493	ug/l	96
37) Ethyl Acetate	7.577	43	121816	19.118	ug/l	96
38) Carbon Tetrachloride	8.365	117	160699	19.344	ug/l	98
39) Methylcyclohexane	9.606	83	128806	18.462	ug/l	91
40) Benzene	8.618	78	433540	19.146	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	64532	19.867	ug/l	91
42) 1,2-Dichloroethane	8.677	62	151425	19.660	ug/l	98
43) Isopropyl Acetate	8.700	43	199495	19.017	ug/l	96
44) Trichloroethene	9.365	130	112198	18.384	ug/l	92
45) 1,2-Dichloropropane	9.629	63	110896	19.336	ug/l	96
46) Dibromomethane	9.712	93	79713	19.747	ug/l	93
47) Bromodichloromethane	9.894	83	162770	20.116	ug/l	96
48) Methyl methacrylate	9.688	41	91857	18.901	ug/l	91
49) 1,4-Dioxane	9.706	88	43881	414.019	ug/l	98
51) 4-Methyl-2-Pentanone	10.453	43	628908	100.791	ug/l	93
52) Toluene	10.635	92	274129	19.533	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	155736	18.787	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	173588	19.645	ug/l	93
55) 1,1,2-Trichloroethane	11.023	97	108253	19.577	ug/l	96
56) Ethyl methacrylate	10.882	69	148373	19.195	ug/l	92
57) 1,3-Dichloropropane	11.170	76	181132	19.266	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	230144	83.548	ug/l	94
59) 2-Hexanone	11.200	43	446546	100.695	ug/l	90
60) Dibromochloromethane	11.365	129	120815	19.791	ug/l	99
61) 1,2-Dibromoethane	11.476	107	108541	19.055	ug/l	100
64) Tetrachloroethene	11.112	164	104233	19.993	ug/l	89
65) Chlorobenzene	11.900	112	282831	18.247	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	115824	19.425	ug/l	99
67) Ethyl Benzene	11.970	91	491826	18.772	ug/l	98
68) m/p-Xylenes	12.076	106	373408	38.548	ug/l	99
69) o-Xylene	12.406	106	183276	18.732	ug/l	99
70) Styrene	12.417	104	291324	19.032	ug/l	98
71) Bromoform	12.582	173	77508	19.193	ug/l #	98
73) Isopropylbenzene	12.700	105	448260	17.804	ug/l	98
74) N-amyl acetate	12.500	43	151607	17.473	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	151016	19.591	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	124556m	19.232	ug/l	
77) Bromobenzene	12.988	156	108417	18.838	ug/l	95
78) n-propylbenzene	13.041	91	497496	18.476	ug/l	99
79) 2-Chlorotoluene	13.129	91	313875	17.796	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	368870	18.542	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	42306	17.165	ug/l #	86
82) 4-Chlorotoluene	13.229	91	295749	17.975	ug/l	98
83) tert-Butylbenzene	13.441	119	311764	18.459	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	357814	18.517	ug/l	98
85) sec-Butylbenzene	13.623	105	384780	18.024	ug/l	98
86) p-Isopropyltoluene	13.735	119	314219	18.330	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	176207	18.230	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	170365	17.499	ug/l	99
89) n-Butylbenzene	14.064	91	217620	17.743	ug/l	96
90) Hexachloroethane	14.341	117	61012	18.856	ug/l	92
91) 1,2-Dichlorobenzene	14.111	146	174353	18.126	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24614	19.240	ug/l	100
93) 1,2,4-Trichlorobenzene	15.400	180	43601	14.203	ug/l	92
94) Hexachlorobutadiene	15.511	225	30219	16.233	ug/l	97
95) Naphthalene	15.653	128	140133	13.352	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	52556	14.889	ug/l	97

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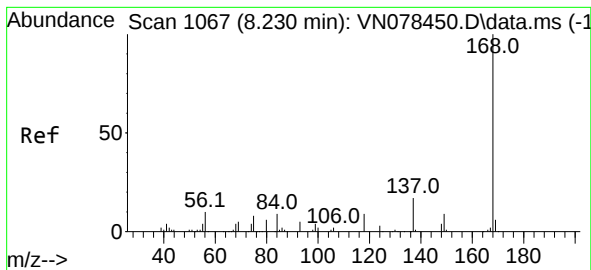
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1067

Delta R.T. 0.005 min

Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:168 Resp: 45530

Ion Ratio Lower Upper

168 100

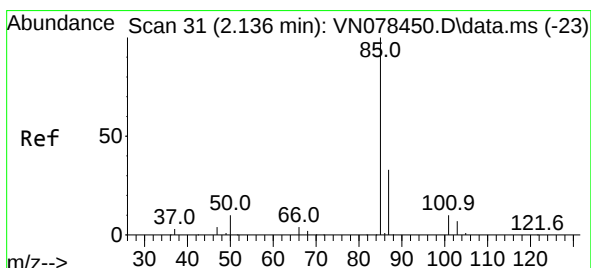
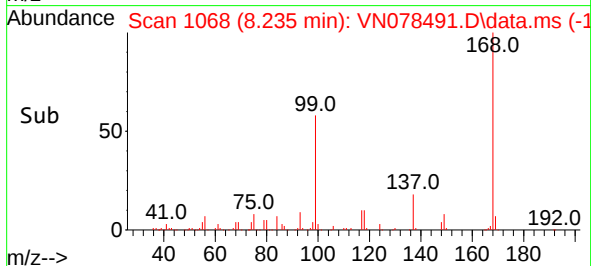
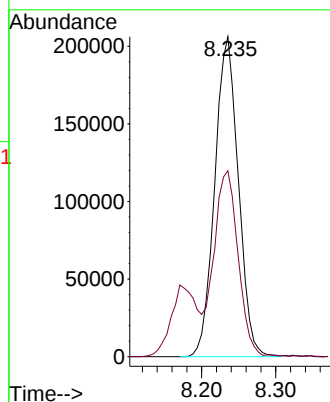
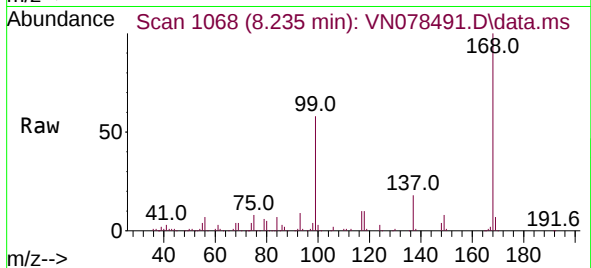
99 57.8 53.0 79.6

Manual Integrations

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Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#2

Dichlorodifluoromethane

Concen: 17.477 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078491.D

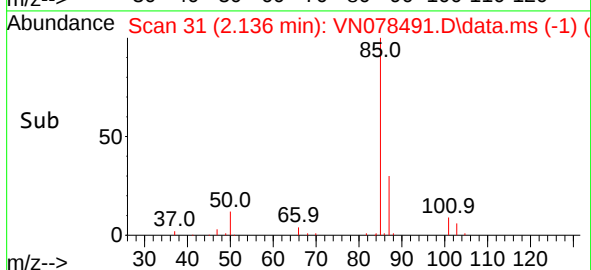
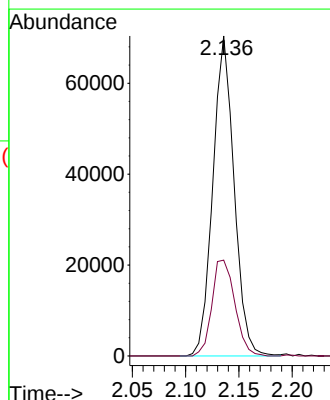
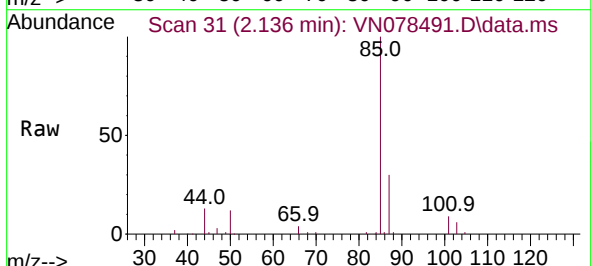
Acq: 13 Jul 2023 11:55

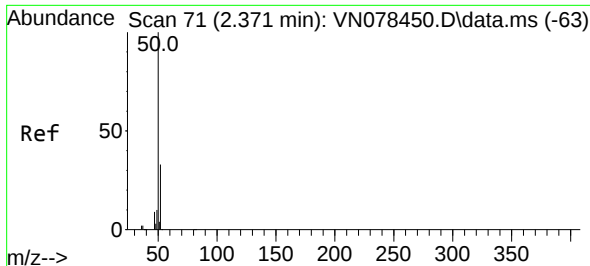
Tgt Ion: 85 Resp: 97559

Ion Ratio Lower Upper

85 100

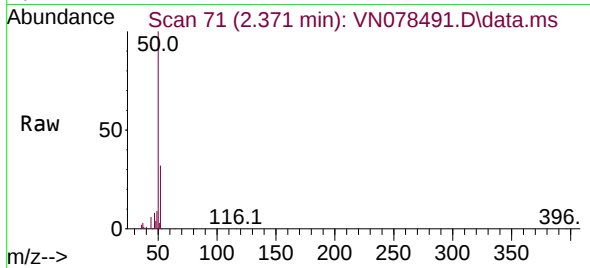
87 29.9 15.8 47.4





#3
Chloromethane
Concen: 19.674 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078491.D
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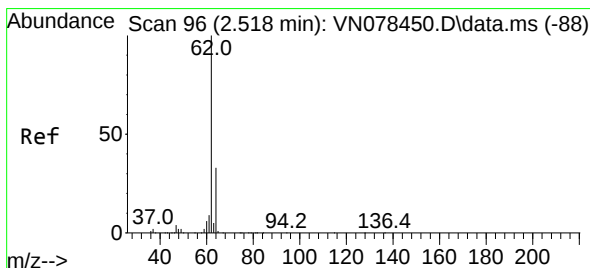
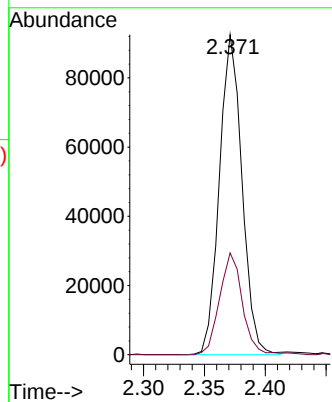
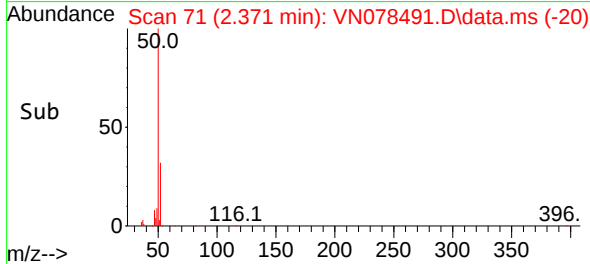
Instrument :
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Tgt Ion: 50 Resp: 119372
Ion Ratio Lower Upper
50 100
52 31.8 26.5 39.7

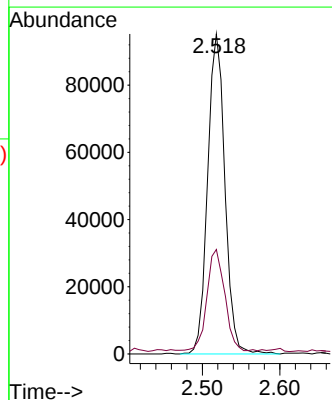
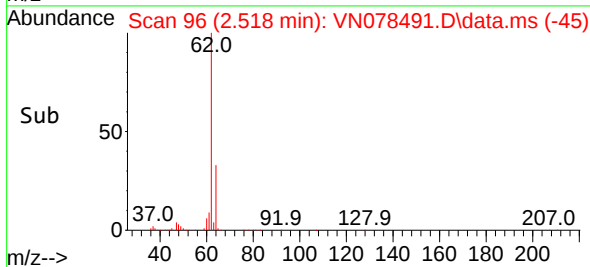
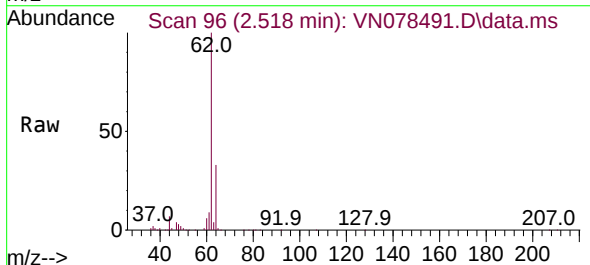
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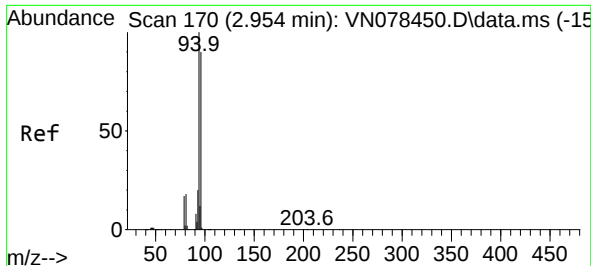
Reviewed By :John Carlone 07/14/2023
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#4
Vinyl Chloride
Concen: 18.809 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

Tgt Ion: 62 Resp: 147631
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.2





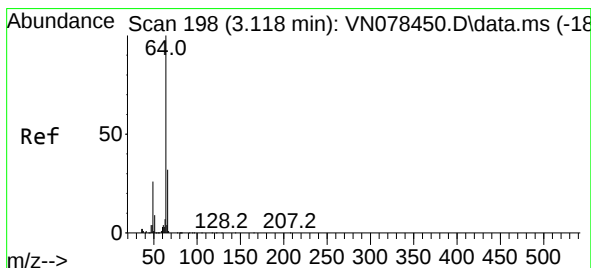
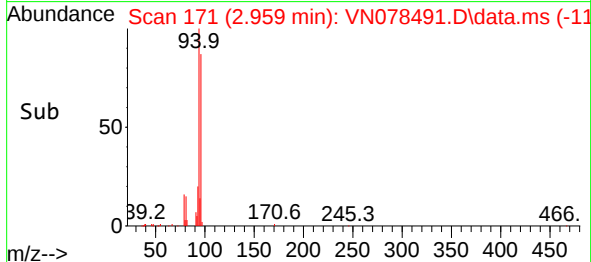
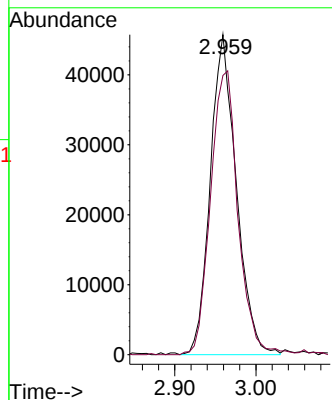
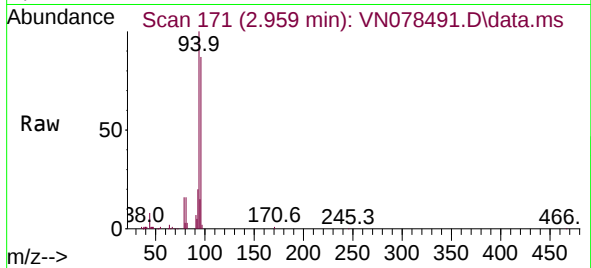
#5
Bromomethane
Concen: 17.254 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

Instrument :
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Tgt Ion: 94 Resp: 101820
Ion Ratio Lower Upper
94 100
96 87.2 73.1 109.7

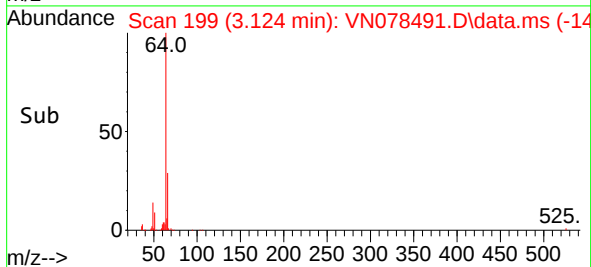
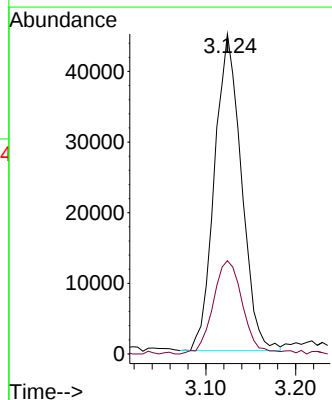
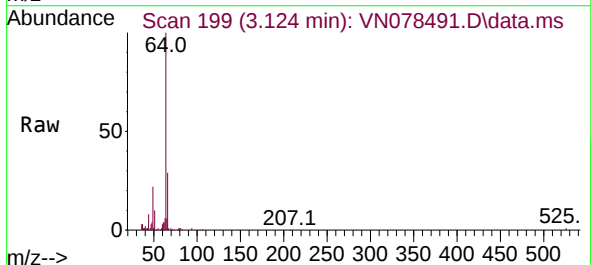
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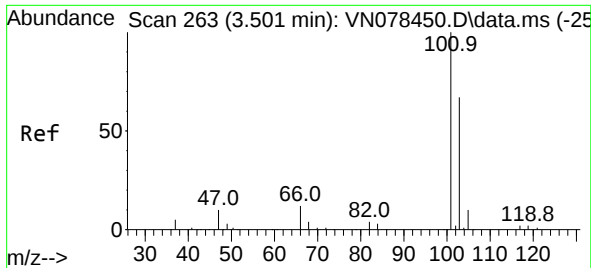
Reviewed By :John Carlone 07/14/2023
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#6
Chloroethane
Concen: 18.468 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078491.D
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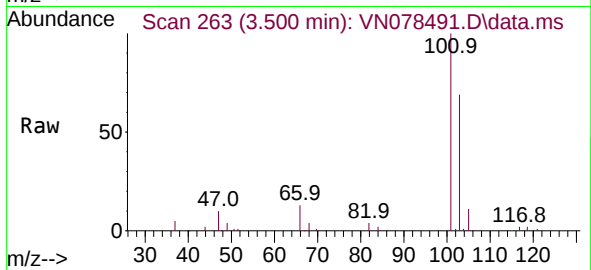
Tgt Ion: 64 Resp: 93436
Ion Ratio Lower Upper
64 100
66 29.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 18.227 ug/l
RT: 3.500 min Scan# 210
Delta R.T. -0.001 min
Lab File: VN078491.D
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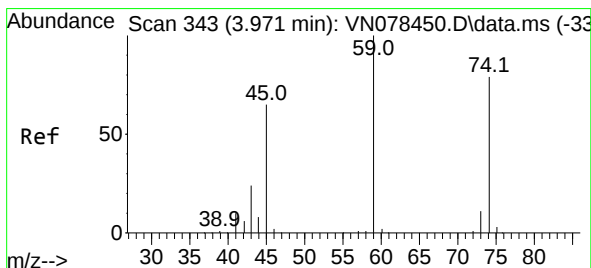
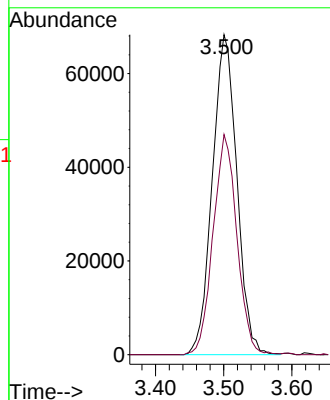
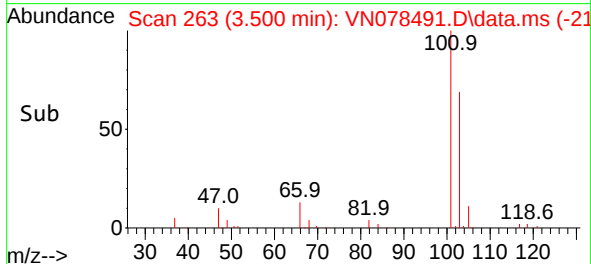
Instrument :
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Tgt Ion:101 Resp: 171010
Ion Ratio Lower Upper
101 100
103 68.8 50.7 76.1

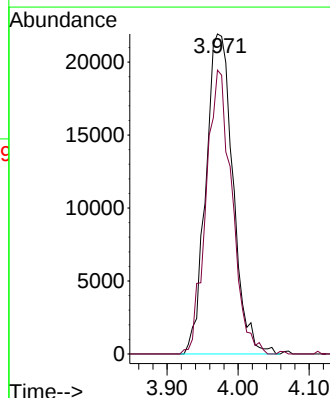
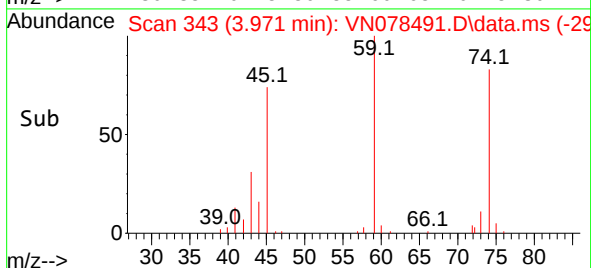
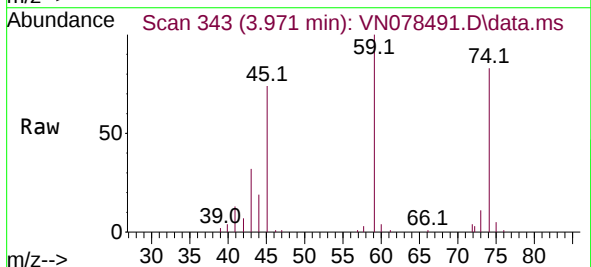
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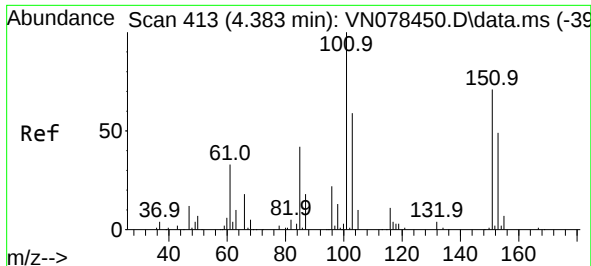
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#8
Diethyl Ether
Concen: 18.598 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

Tgt Ion: 74 Resp: 58136
Ion Ratio Lower Upper
74 100
45 84.6 34.4 103.3





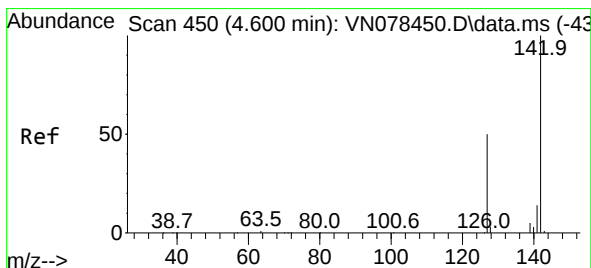
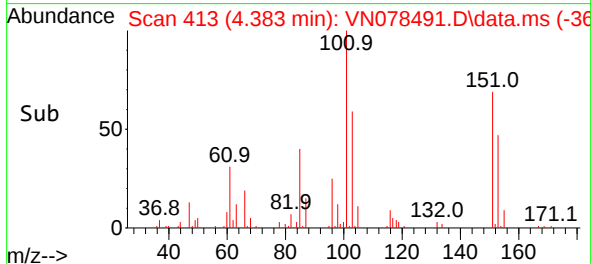
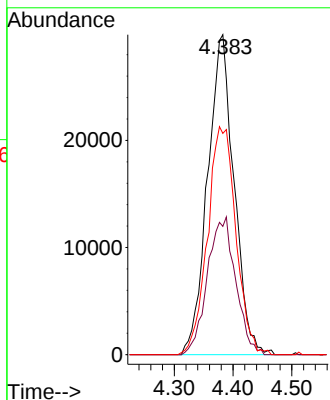
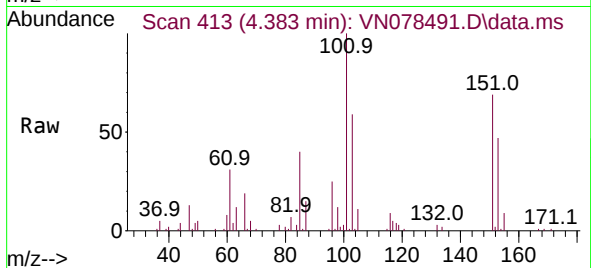
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.784 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion:101 Resp: 93295
Ion Ratio Lower Upper
101 100
85 46.0 36.6 55.0
151 76.6 57.6 86.4

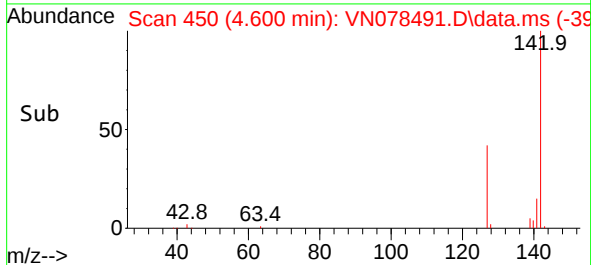
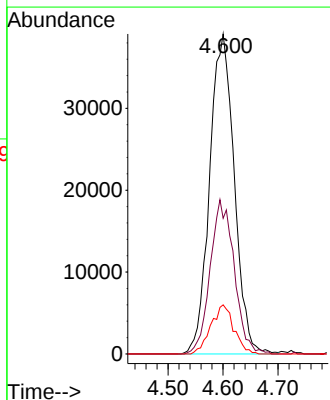
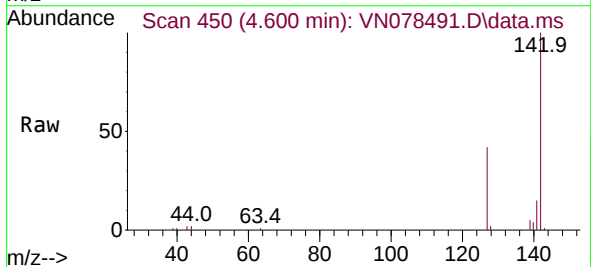
Manual Integrations
APPROVED

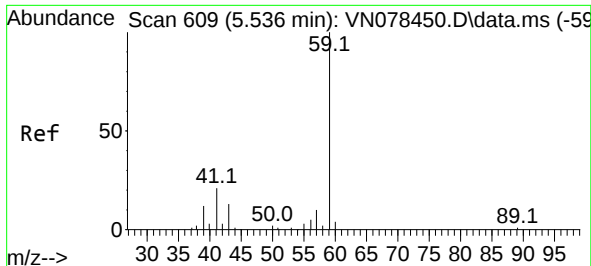
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#10
Methyl Iodide
Concen: 17.833 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

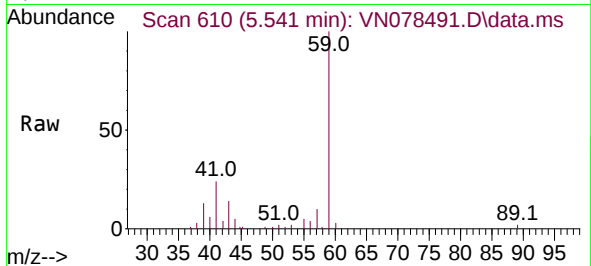
Tgt Ion:142 Resp: 121706
Ion Ratio Lower Upper
142 100
127 42.4 37.6 56.4
141 15.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 98.997 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.005 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

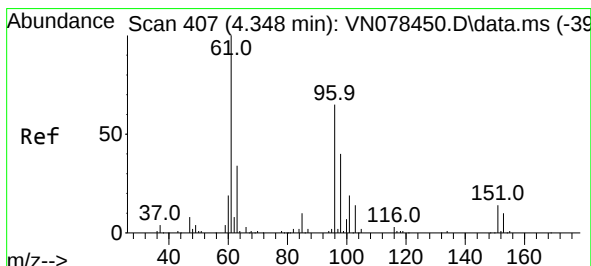
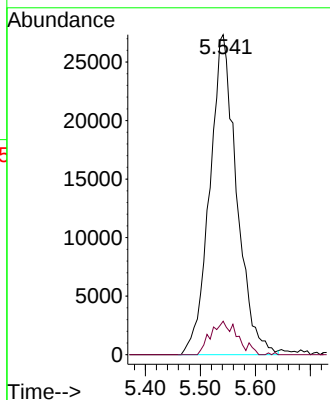
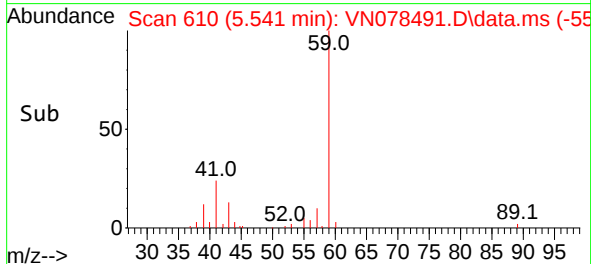
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



Tgt Ion: 59 Resp: 93178
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4

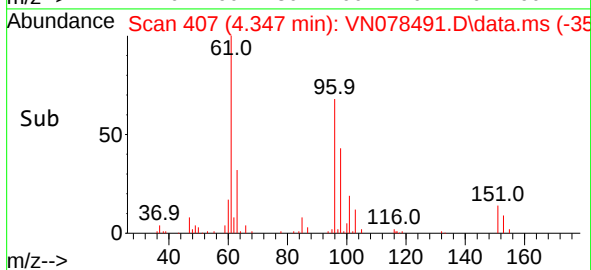
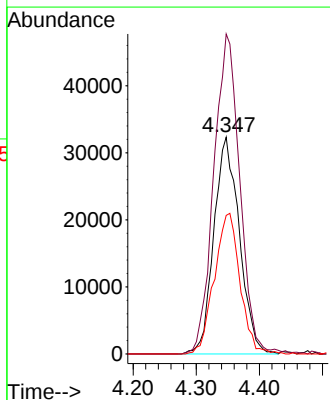
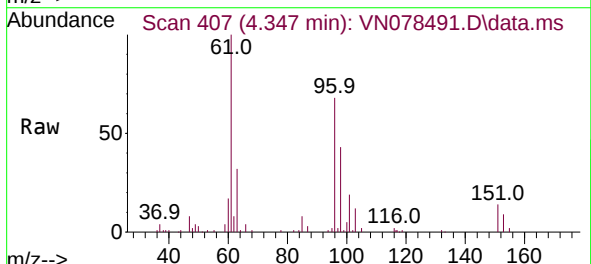
Manual Integrations
APPROVED

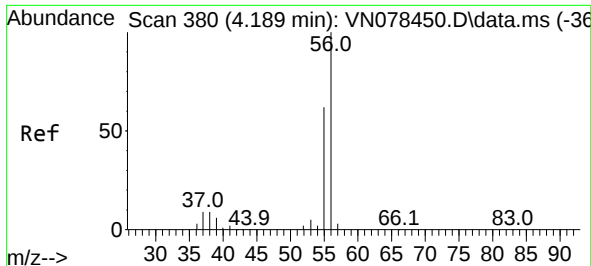
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#12
1,1-Dichloroethene
Concen: 18.845 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

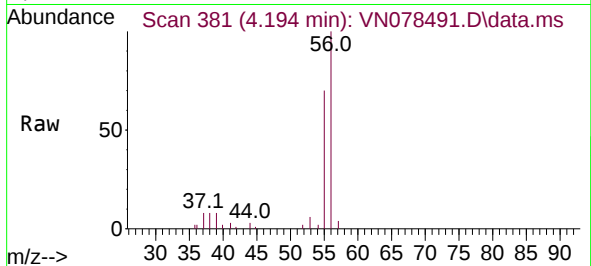
Tgt Ion: 96 Resp: 90537
Ion Ratio Lower Upper
96 100
61 147.6 112.7 169.1
98 63.9 51.2 76.8





#13
Acrolein
Concen: 109.326 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.005 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

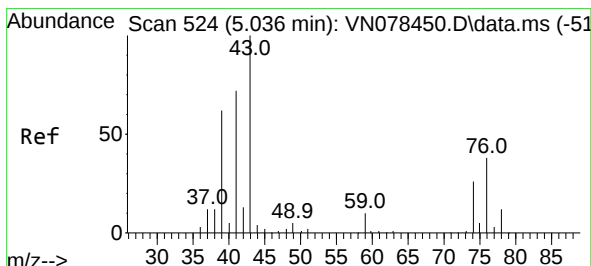
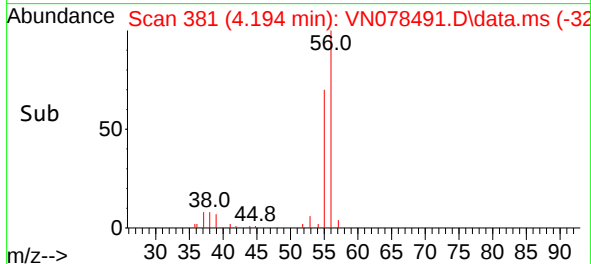
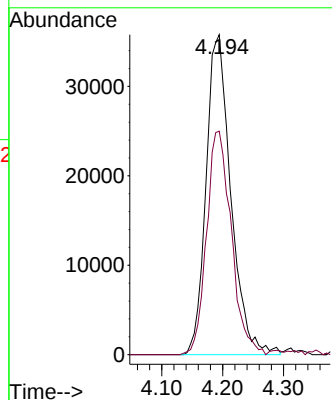
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



Tgt Ion: 56 Resp: 101240
Ion Ratio Lower Upper
56 100
55 69.7 54.5 81.7

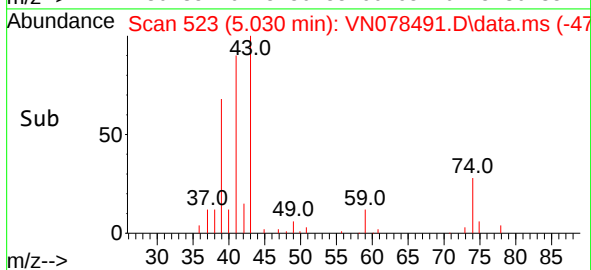
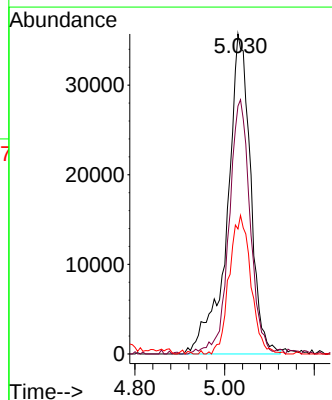
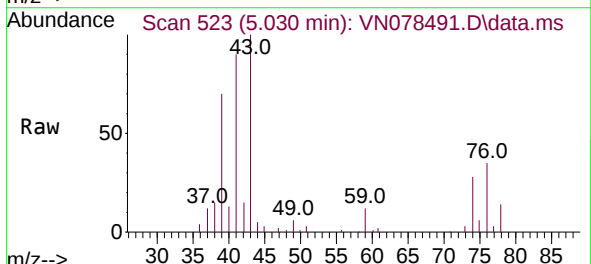
Manual Integrations
APPROVED

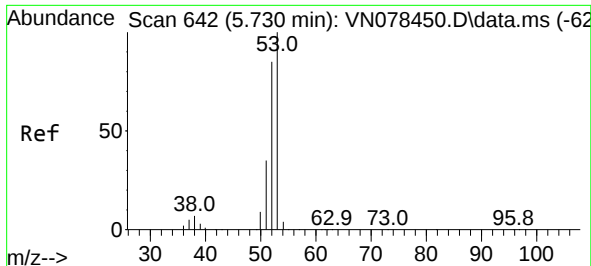
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#14
Allyl chloride
Concen: 19.683 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

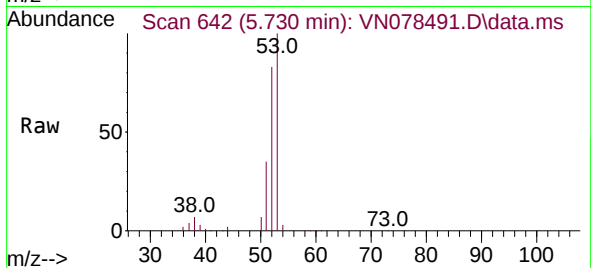
Tgt Ion: 41 Resp: 129212
Ion Ratio Lower Upper
41 100
39 71.7 58.8 88.2
76 40.1 39.1 58.7





#15
Acrylonitrile
Concen: 97.890 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

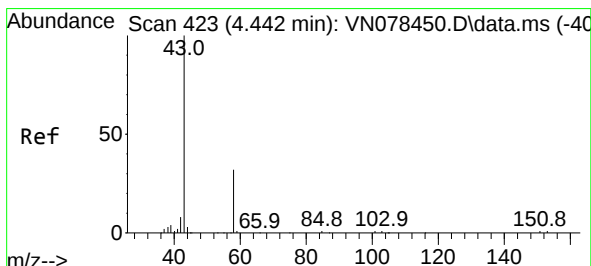
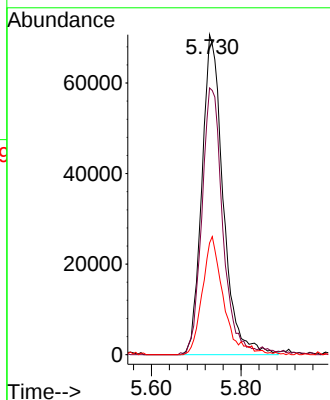
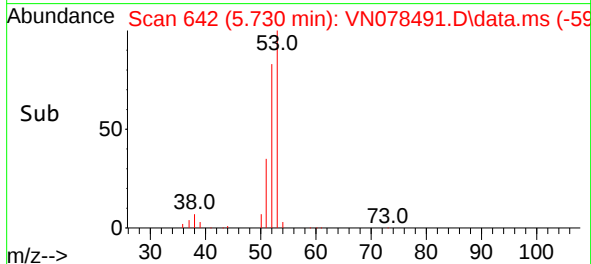
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



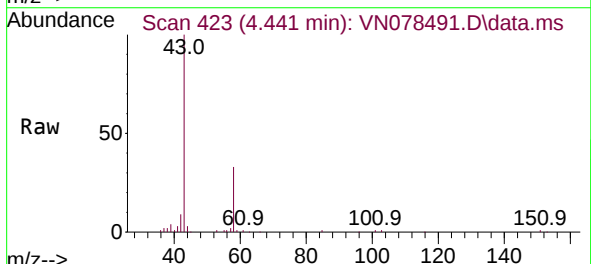
Tgt Ion: 53 Resp: 232794
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 37.0 28.9 43.3

Manual Integrations
APPROVED

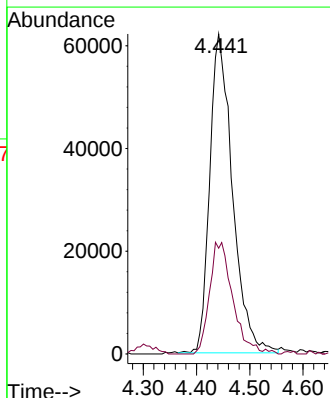
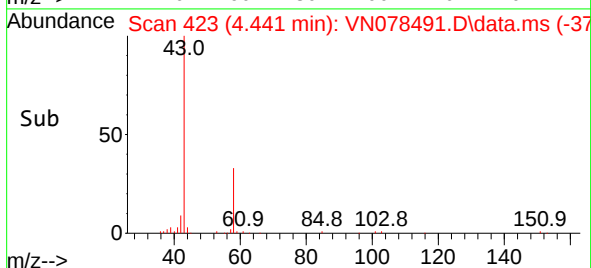
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

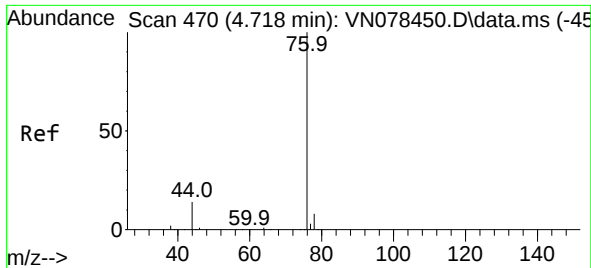


#16
Acetone
Concen: 96.695 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55



Tgt Ion: 43 Resp: 183850
Ion Ratio Lower Upper
43 100
58 33.2 28.0 42.0





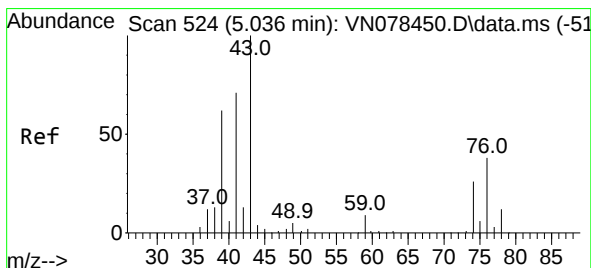
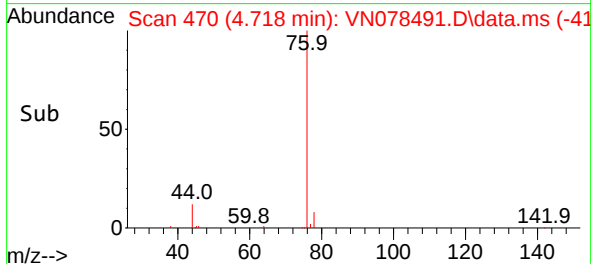
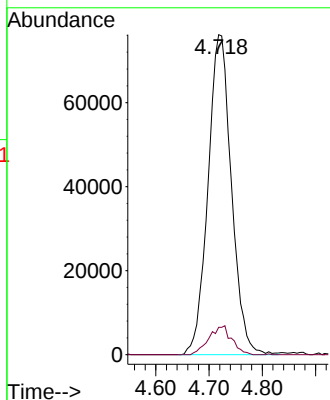
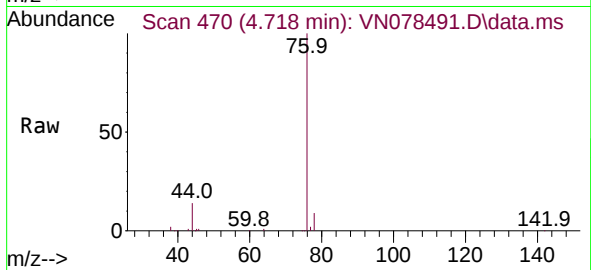
#17
Carbon Disulfide
Concen: 16.772 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion: 76 Resp: 233004
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

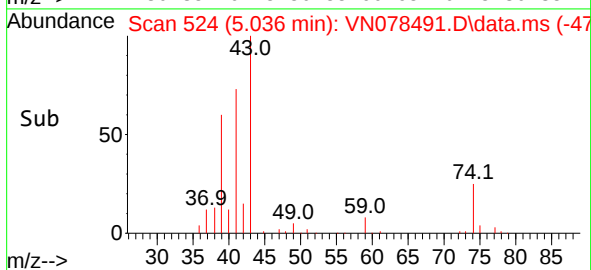
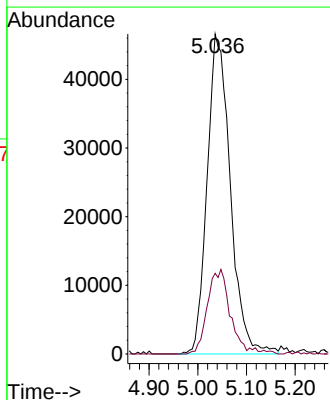
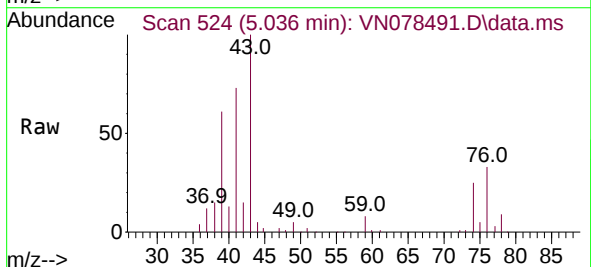
Manual Integrations
APPROVED

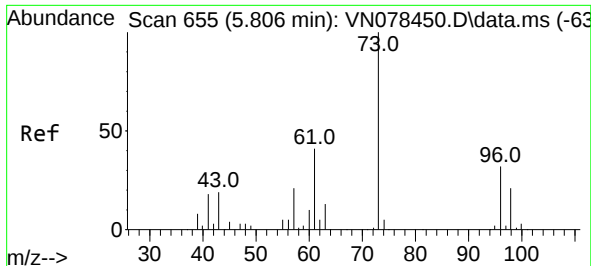
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#18
Methyl Acetate
Concen: 19.110 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

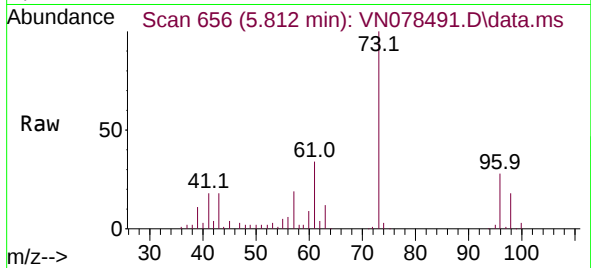
Tgt Ion: 43 Resp: 153812
Ion Ratio Lower Upper
43 100
74 25.9 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 18.873 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

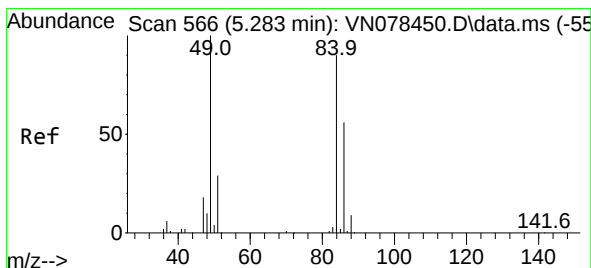
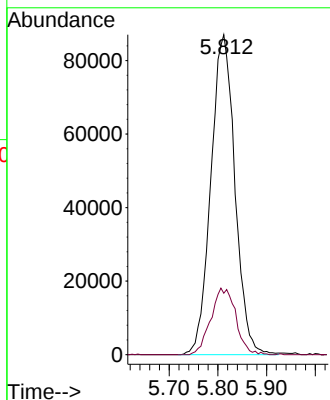
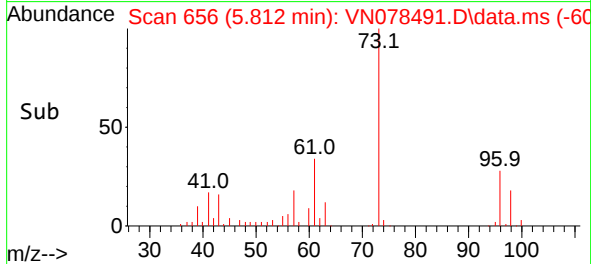
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



Tgt Ion: 73 Resp: 298744
Ion Ratio Lower Upper
73 100
57 19.2 15.6 23.4

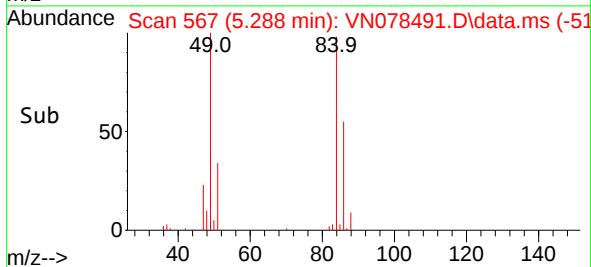
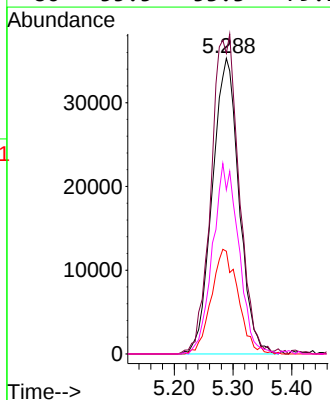
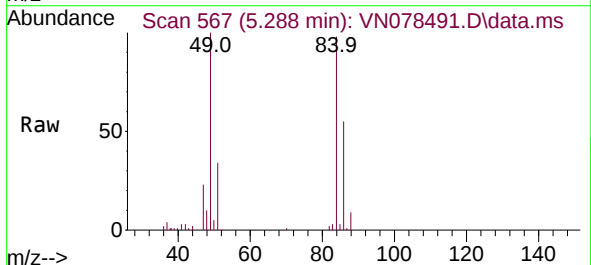
Manual Integrations
APPROVED

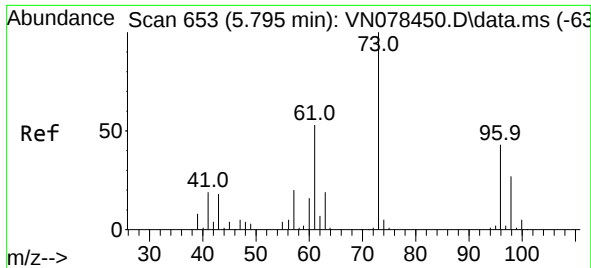
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#20
Methylene Chloride
Concen: 19.766 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

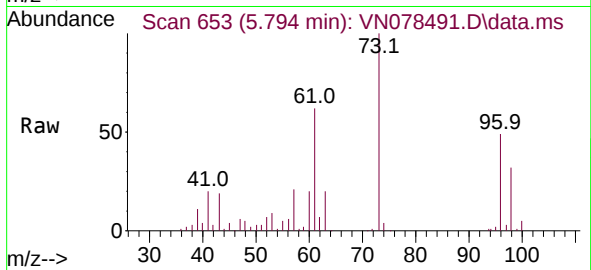
Tgt Ion: 84 Resp: 111832
Ion Ratio Lower Upper
84 100
49 101.7 79.7 119.5
51 34.7 25.2 37.8
86 55.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.200 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

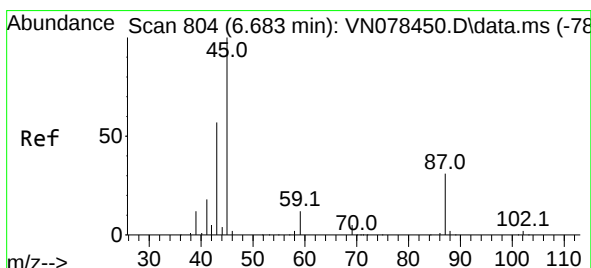
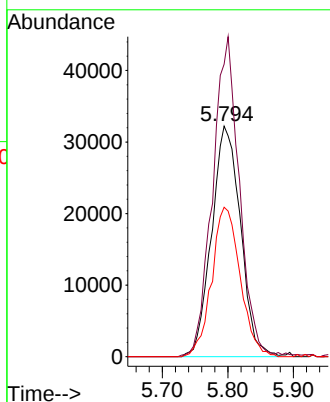
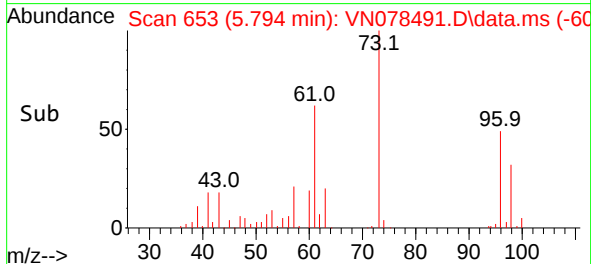
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



Tgt Ion: 96 Resp: 98532
Ion Ratio Lower Upper
96 100
61 126.8 90.1 135.1
98 64.8 46.4 69.6

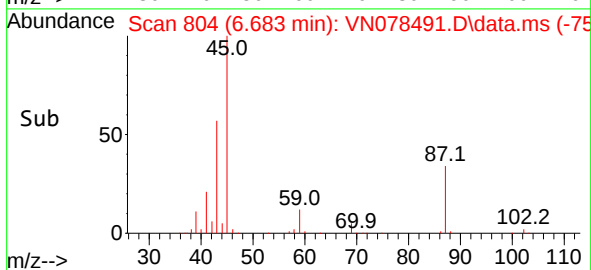
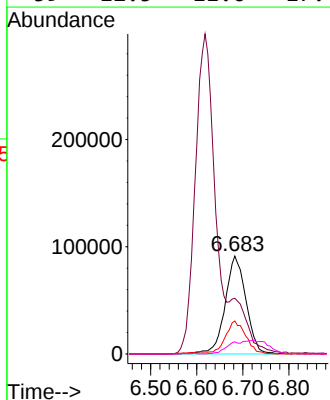
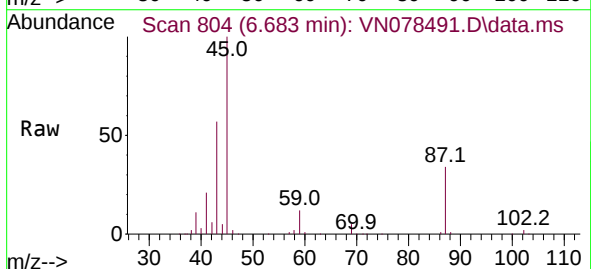
Manual Integrations
APPROVED

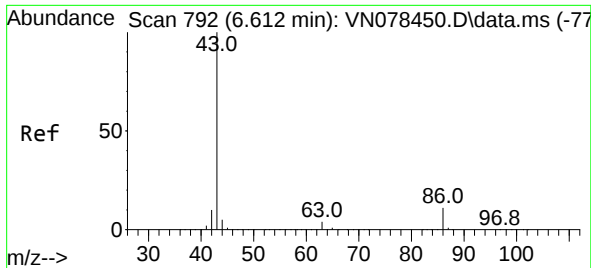
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#22
Diisopropyl ether
Concen: 19.481 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

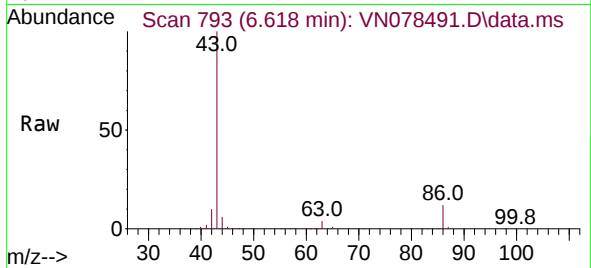
Tgt Ion: 45 Resp: 286354
Ion Ratio Lower Upper
45 100
43 55.0 45.5 68.3
87 33.7 31.8 47.8
59 12.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 95.040 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078491.D
 Acq: 13 Jul 2023 11:55

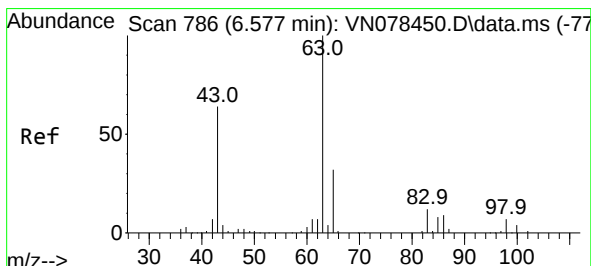
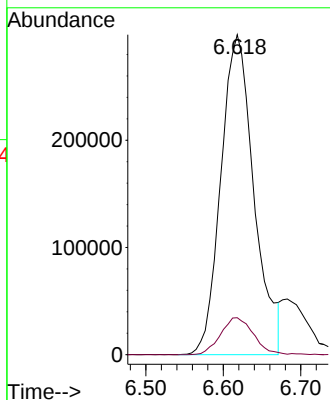
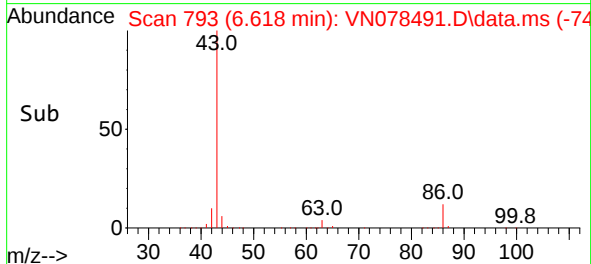
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS01



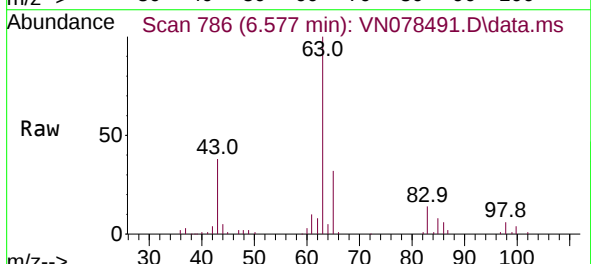
Tgt Ion: 43 Resp: 88814
 Ion Ratio Lower Upper
 43 100
 86 11.5 13.0 19.6

Manual Integrations
 APPROVED

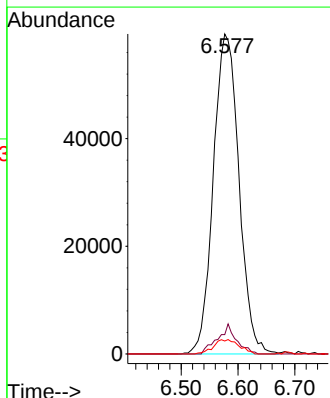
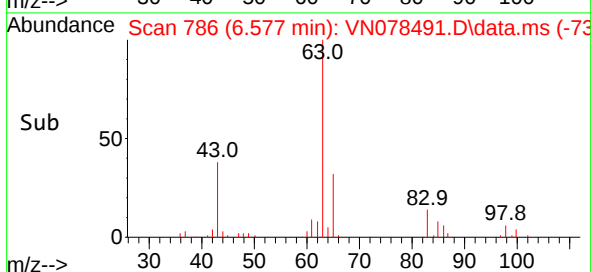
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023

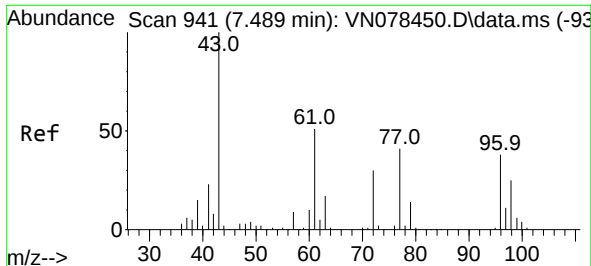


#24
 1,1-Dichloroethane
 Concen: 18.783 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078491.D
 Acq: 13 Jul 2023 11:55



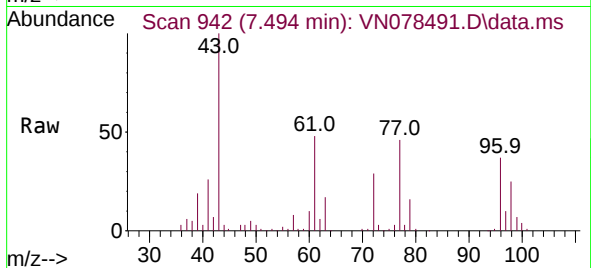
Tgt Ion: 63 Resp: 186047
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.9 11.7
 100 4.1 2.5 7.4





#25
2-Butanone
Concen: 98.521 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

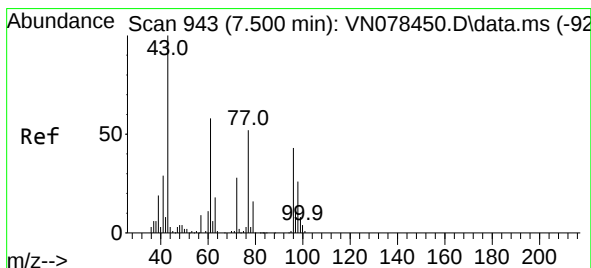
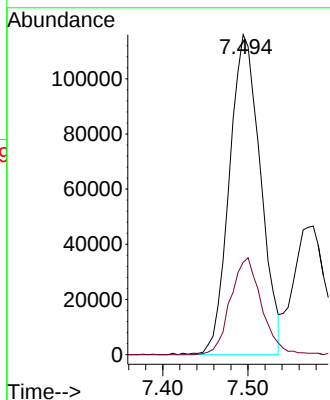
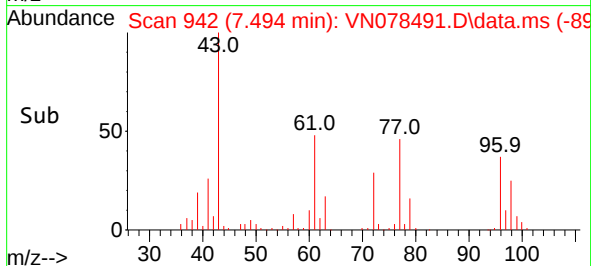
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



Tgt Ion: 43 Resp: 294868
Ion Ratio Lower Upper
43 100
72 28.9 30.2 45.2

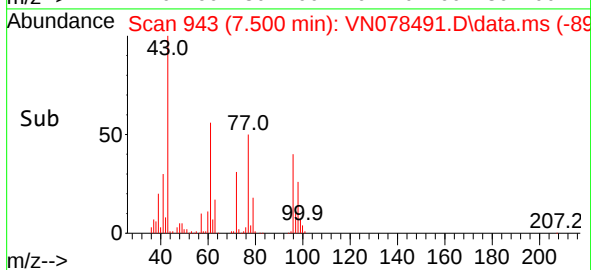
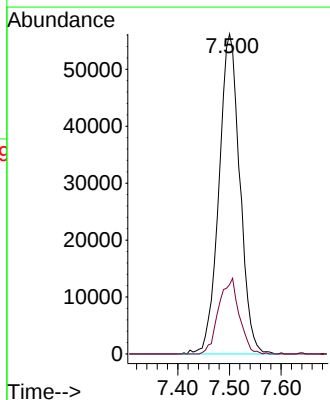
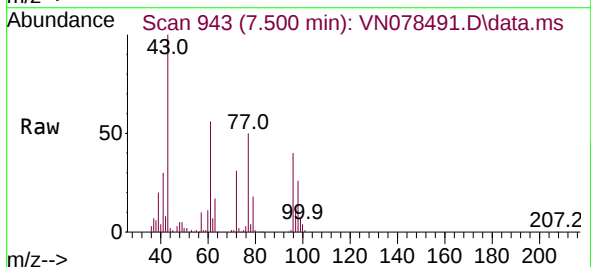
Manual Integrations
APPROVED

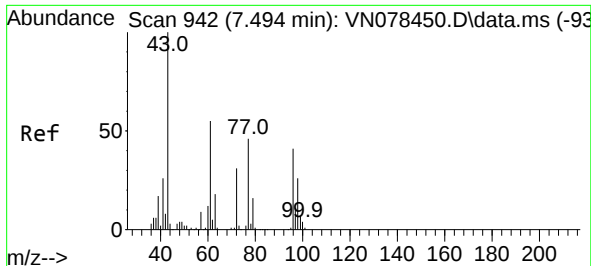
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#26
2,2-Dichloropropane
Concen: 19.475 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

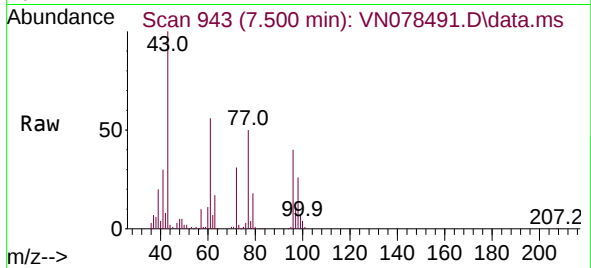
Tgt Ion: 77 Resp: 157772
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.442 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN078491.D
 Acq: 13 Jul 2023 11:55

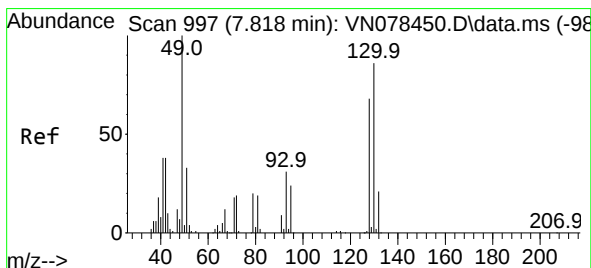
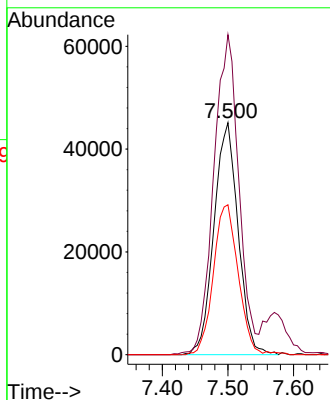
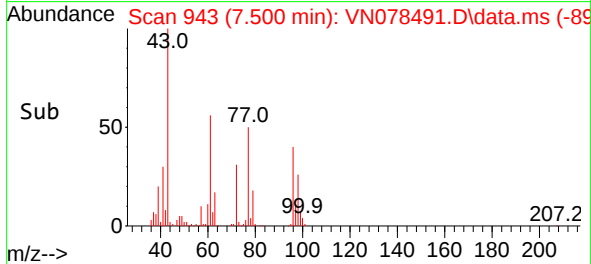
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS01



Tgt Ion: 96 Resp: 115498
 Ion Ratio Lower Upper
 96 100
 61 143.5 0.0 255.2
 98 65.9 0.0 128.8

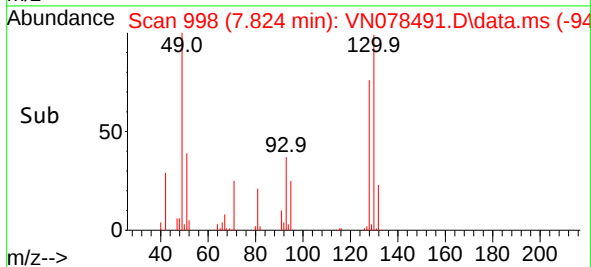
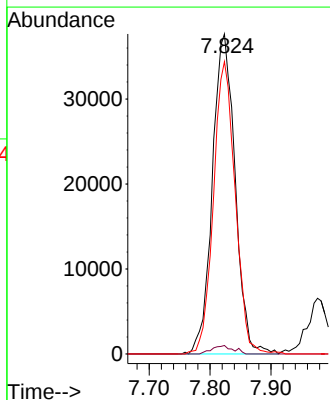
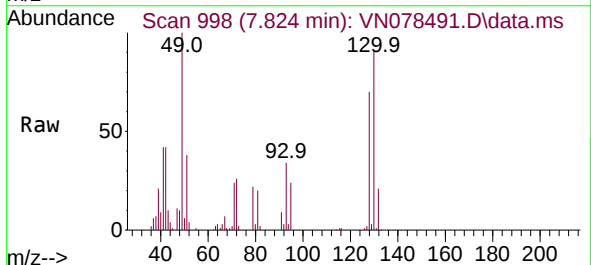
Manual Integrations
 APPROVED

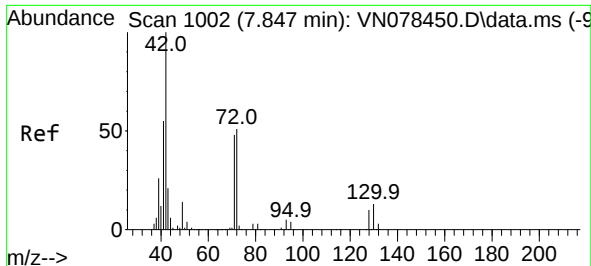
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023



#28
 Bromochloromethane
 Concen: 20.879 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078491.D
 Acq: 13 Jul 2023 11:55

Tgt Ion: 49 Resp: 97408
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 87.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 97.679 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBS01

Tgt Ion: 42 Resp: 191829

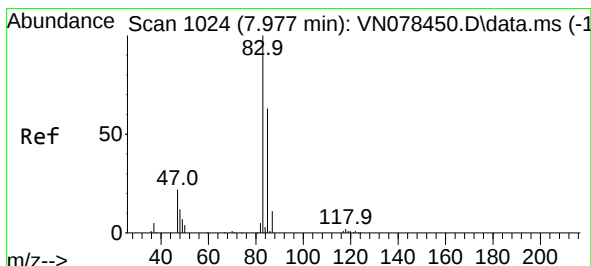
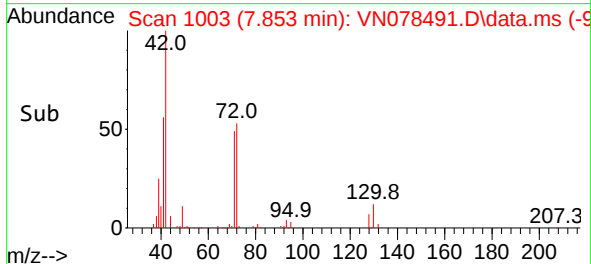
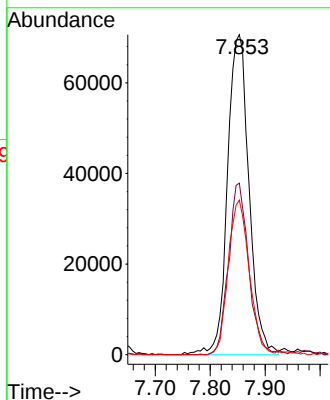
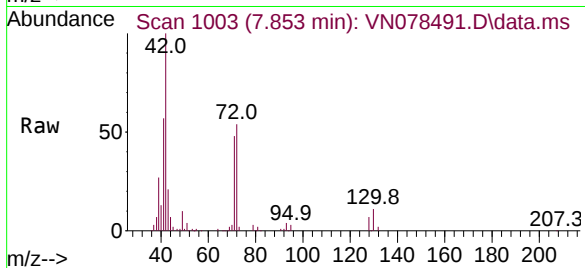
Ion	Ratio	Lower	Upper
42	100		
72	50.5	49.8	74.6
71	47.3	47.4	71.2

Manual Integrations

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Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#30

Chloroform

Concen: 19.665 ug/l

RT: 7.977 min Scan# 1024

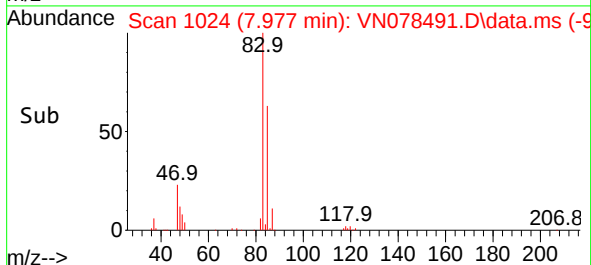
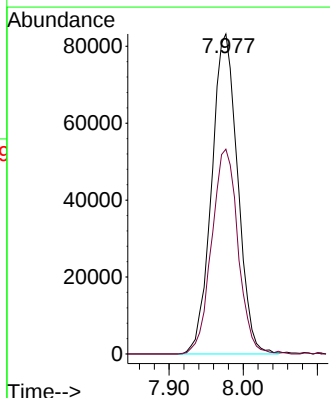
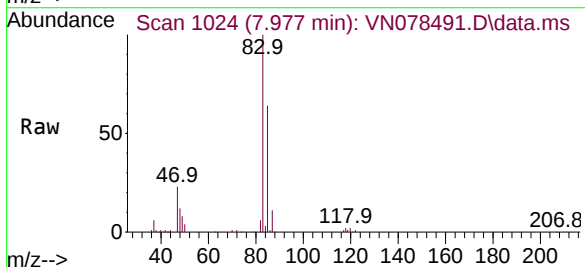
Delta R.T. -0.000 min

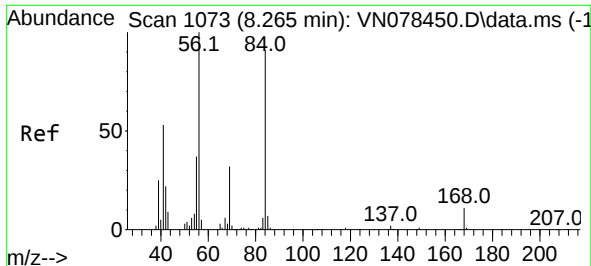
Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

Tgt Ion: 83 Resp: 202785

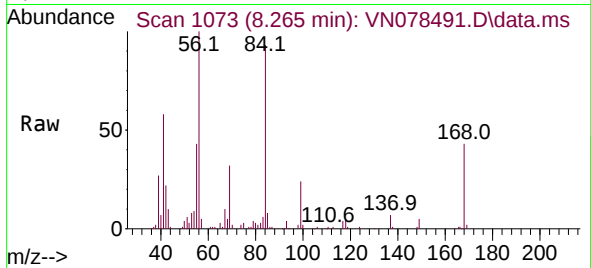
Ion	Ratio	Lower	Upper
83	100		
85	64.0	55.4	83.0





#31
Cyclohexane
Concen: 18.005 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

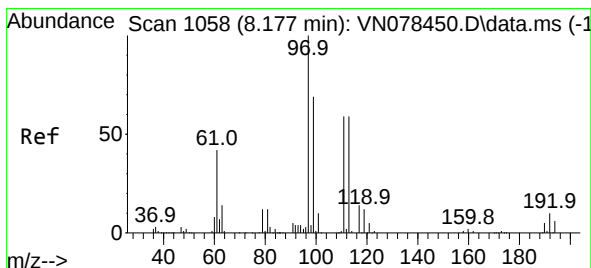
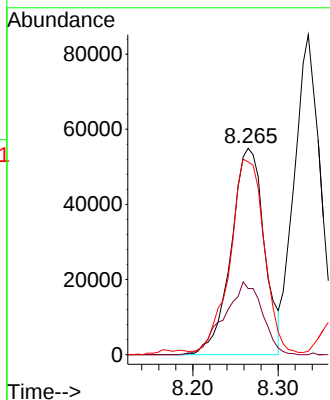
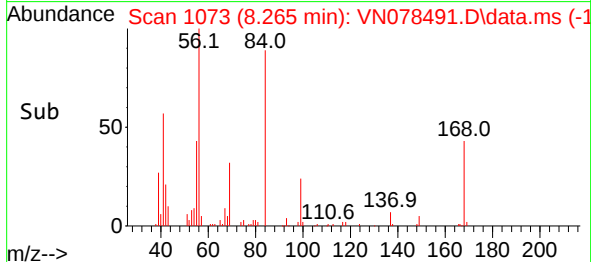
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



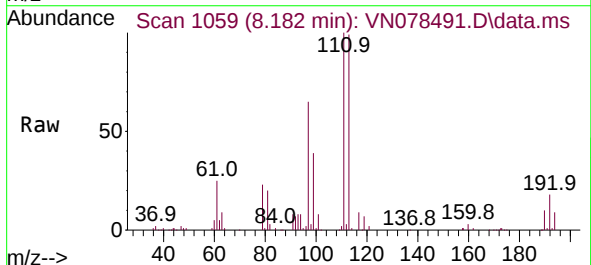
Tgt Ion: 56 Resp: 14852
Ion Ratio Lower Upper
56 100
69 31.3 26.8 40.2
84 91.4 81.8 122.6

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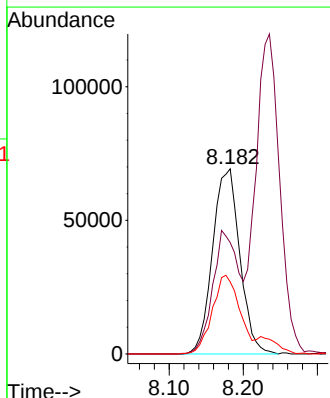
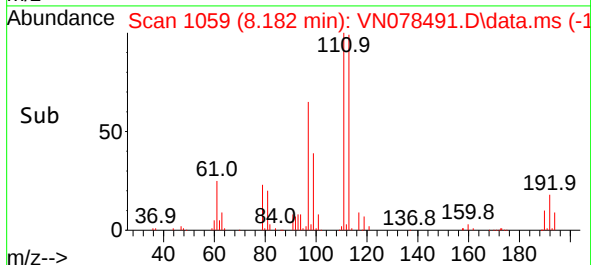
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

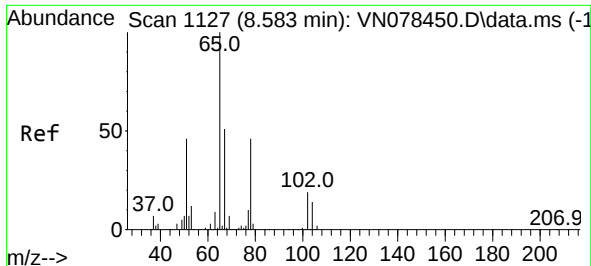


#32
1,1,1-Trichloroethane
Concen: 19.124 ug/l
RT: 8.182 min Scan# 1059
Delta R.T. 0.005 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55



Tgt Ion: 97 Resp: 176813
Ion Ratio Lower Upper
97 100
99 63.5 50.3 75.5
61 43.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.191 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBS01

Tgt Ion: 65 Resp: 318562

Ion Ratio Lower Upper

65 100

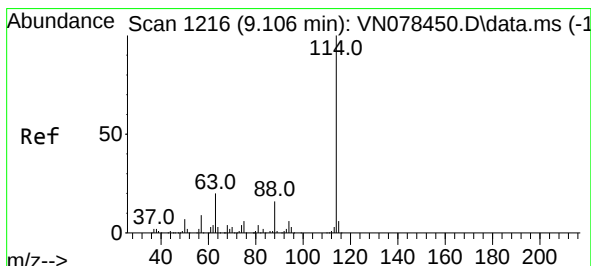
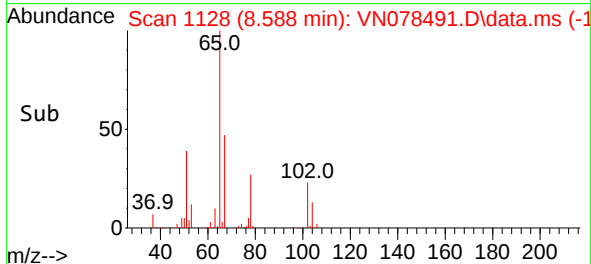
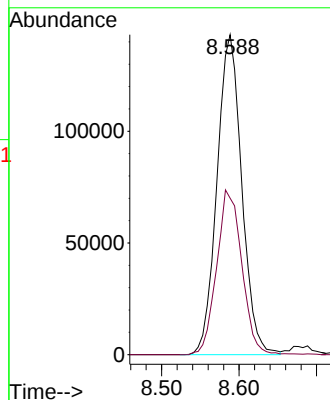
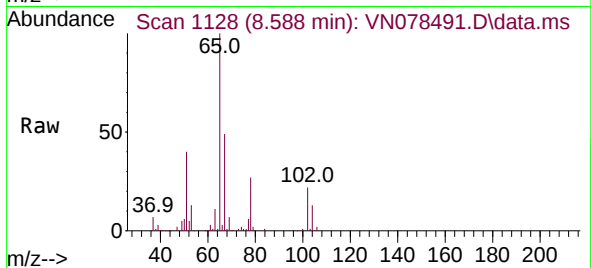
67 52.3 0.0 106.6

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: VN078491.D

Acq: 13 Jul 2023 11:55

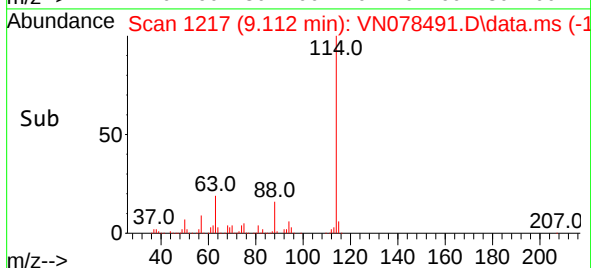
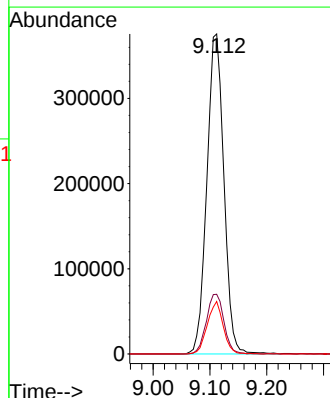
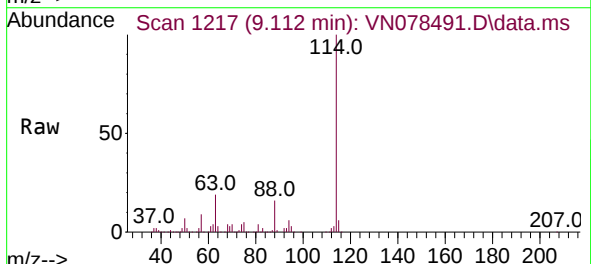
Tgt Ion:114 Resp: 779809

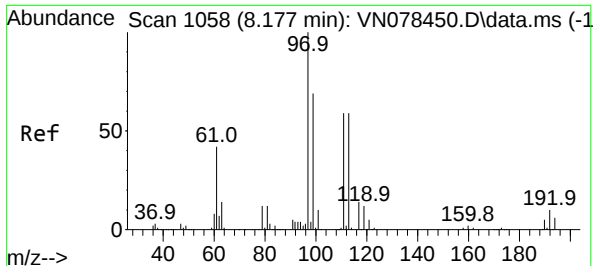
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 16.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.453 ug/l

RT: 8.171 min Scan# 1058

Delta R.T. -0.006 min

Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBS01

Tgt Ion:113 Resp: 27766

Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

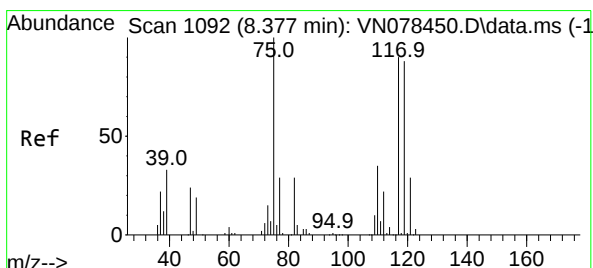
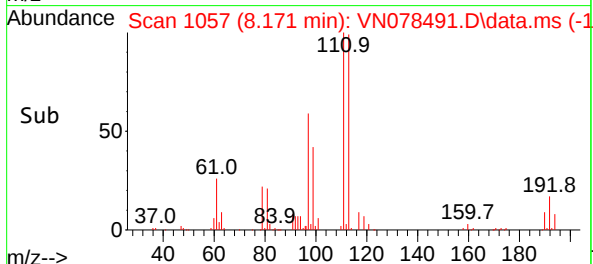
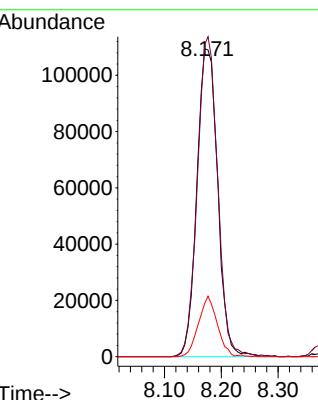
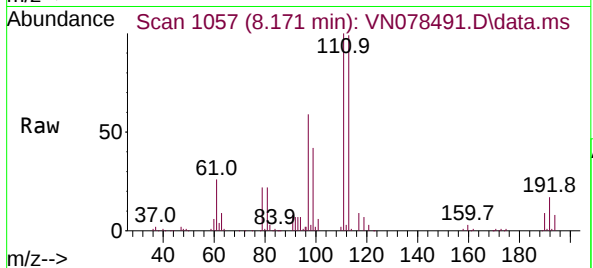
192 17.9 12.7 19.1

Manual Integrations

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Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#36

1,1-Dichloropropene

Concen: 18.493 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

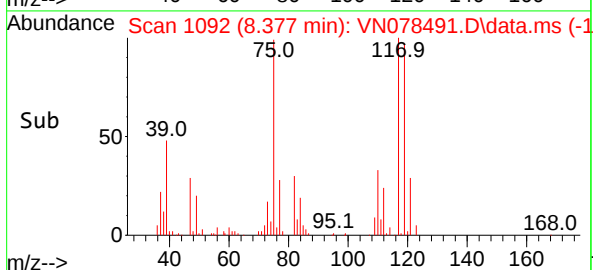
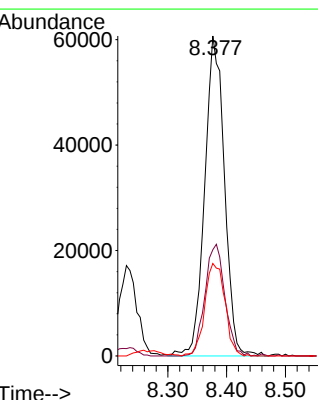
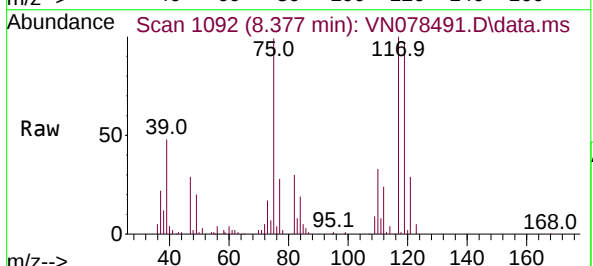
Tgt Ion: 75 Resp: 141352

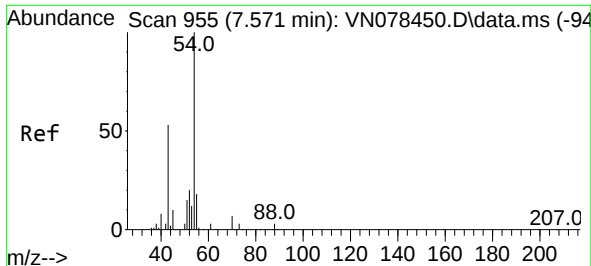
Ion Ratio Lower Upper

75 100

110 35.3 19.1 57.3

77 29.6 25.0 37.4





#37

Ethyl Acetate

Concen: 19.118 ug/l

RT: 7.577 min Scan# 955

Delta R.T. 0.006 min

Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBS01

Tgt Ion: 43 Resp: 121810

Ion Ratio Lower Upper

43 100

61 15.2 13.2 19.8

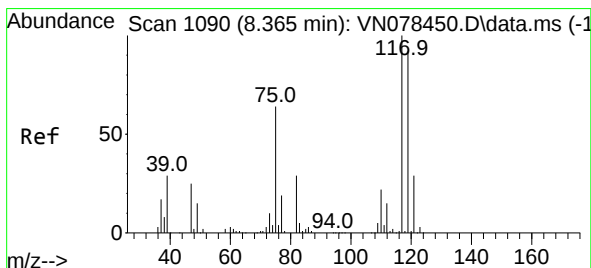
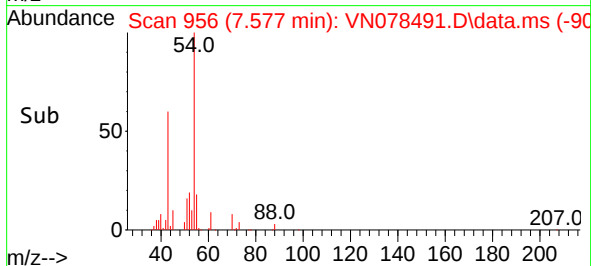
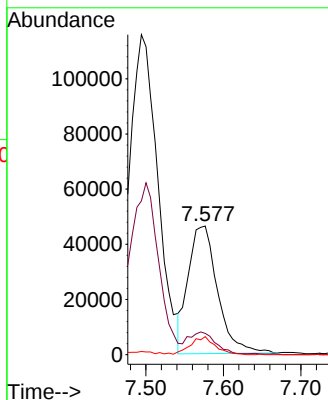
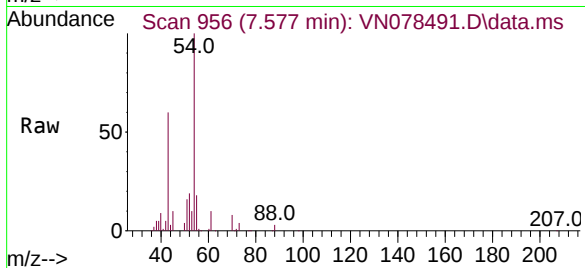
70 11.7 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#38

Carbon Tetrachloride

Concen: 19.344 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

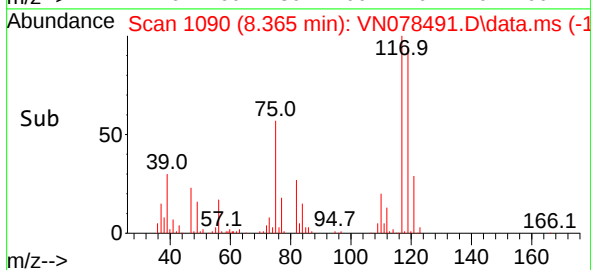
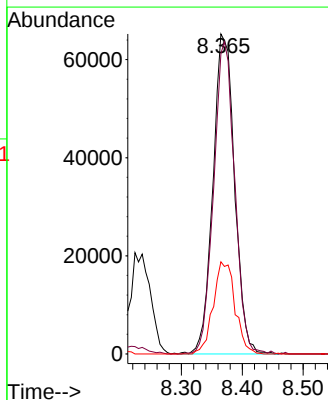
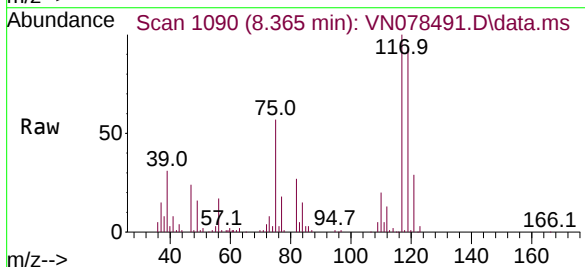
Tgt Ion:117 Resp: 160699

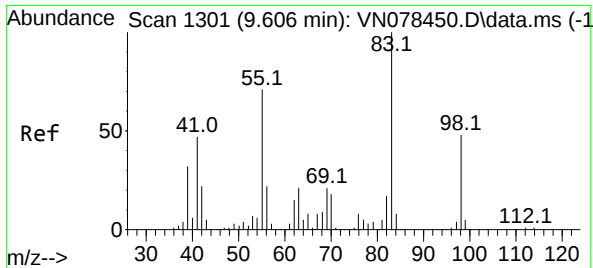
Ion Ratio Lower Upper

117 100

119 93.9 77.3 115.9

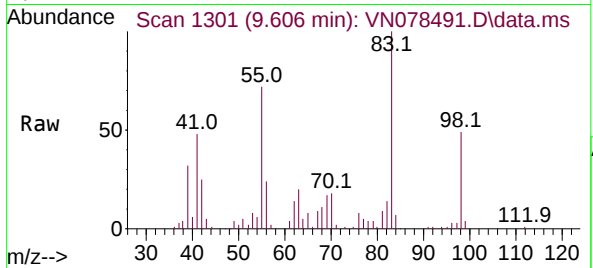
121 28.8 23.3 34.9





#39
Methylcyclohexane
Concen: 18.462 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

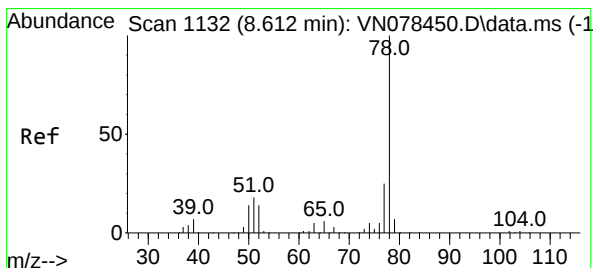
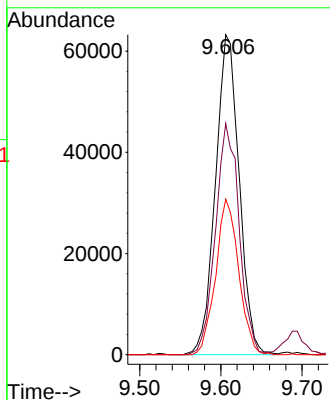
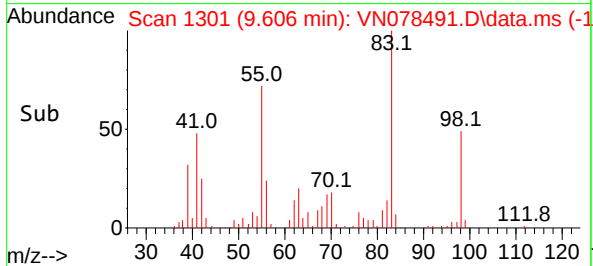
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



Tgt Ion: 83 Resp: 128800
Ion Ratio Lower Upper
83 100
55 72.2 49.1 73.7
98 48.6 40.6 61.0

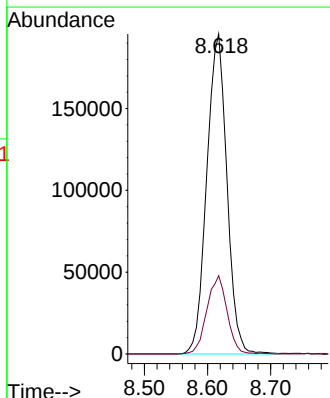
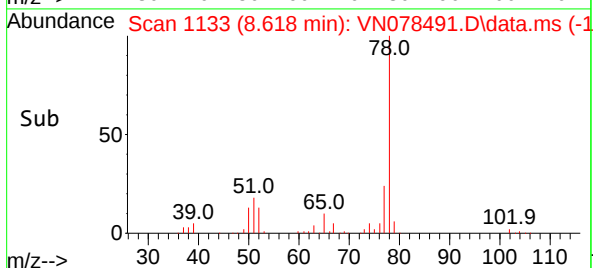
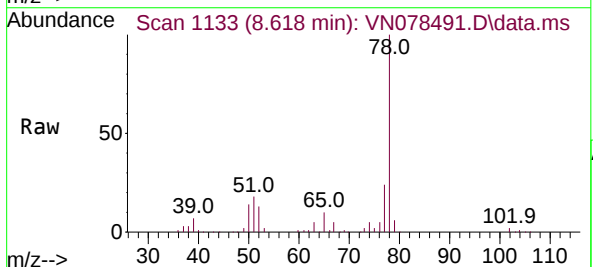
Manual Integrations
APPROVED

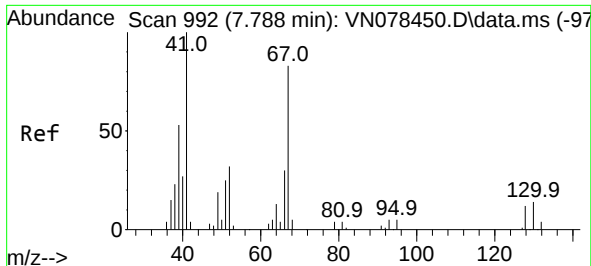
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#40
Benzene
Concen: 19.146 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

Tgt Ion: 78 Resp: 433540
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.6





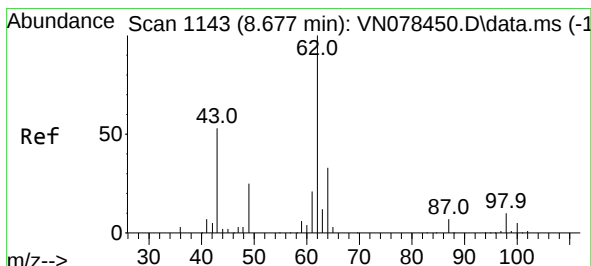
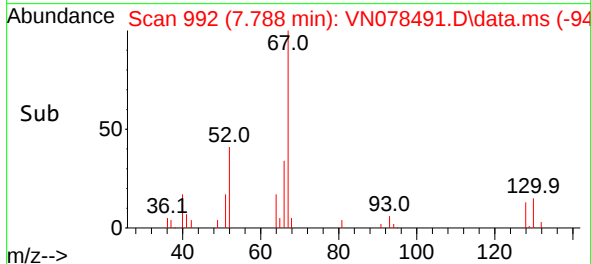
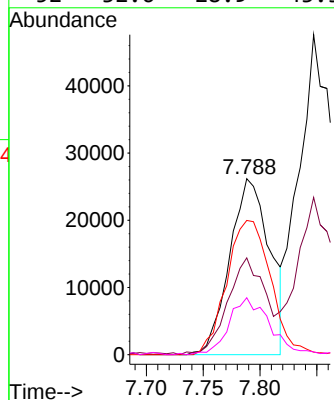
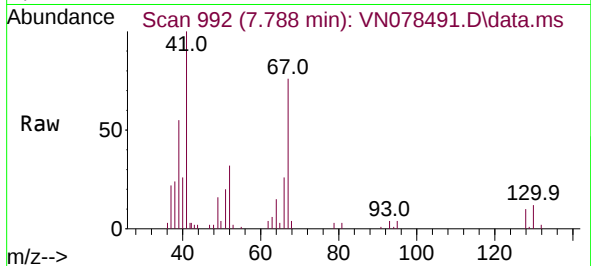
#41
Methacrylonitrile
Concen: 19.867 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion: 41 Resp: 64532
Ion Ratio Lower Upper
41 100
39 50.6 42.6 64.0
67 83.3 77.5 116.3
52 32.6 28.9 43.3

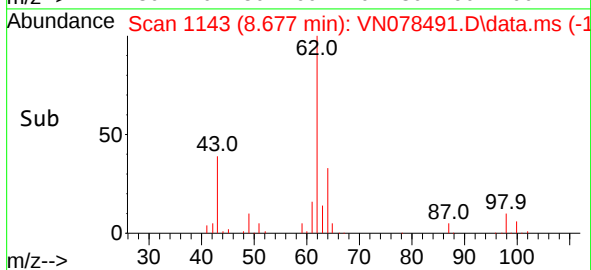
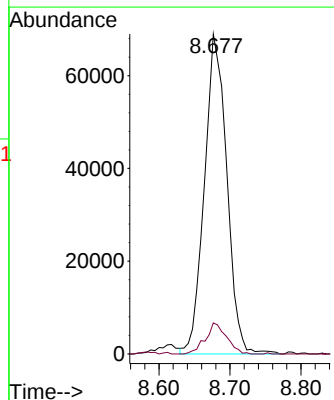
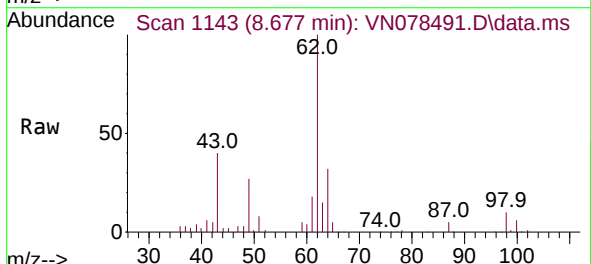
Manual Integrations
APPROVED

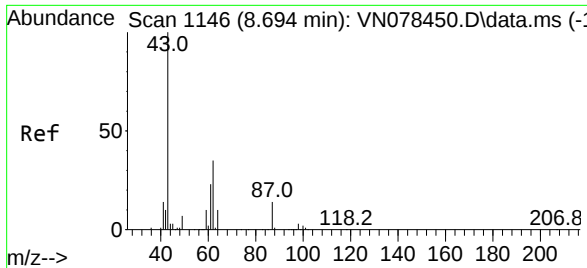
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#42
1,2-Dichloroethane
Concen: 19.660 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

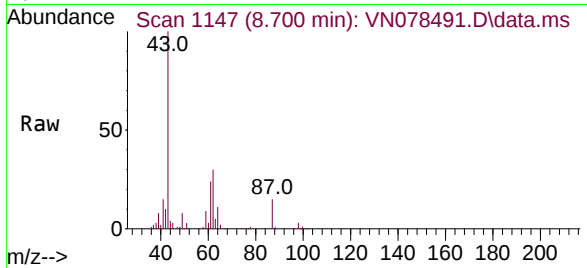
Tgt Ion: 62 Resp: 151425
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 19.017 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

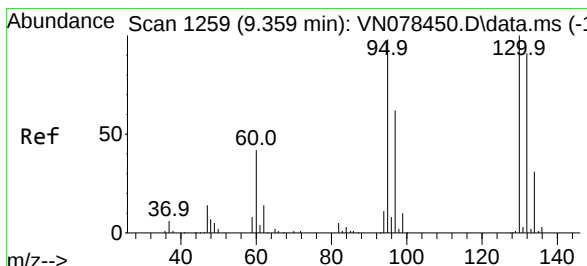
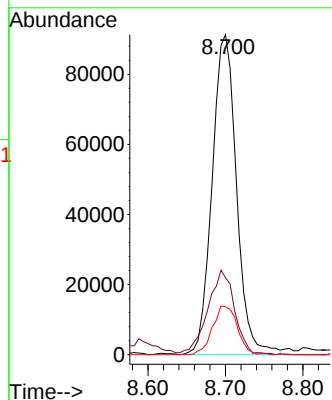
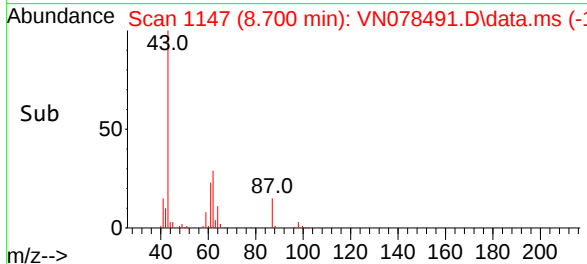
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



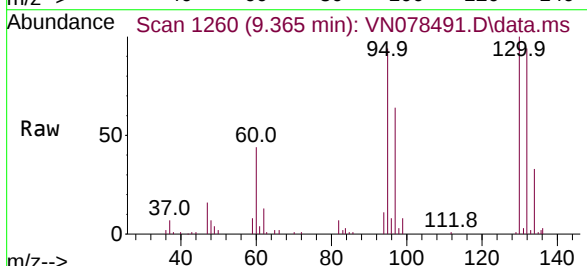
Tgt Ion: 43 Resp: 19949
Ion Ratio Lower Upper
43 100
61 29.1 24.7 37.1
87 15.5 14.6 21.8

Manual Integrations
APPROVED

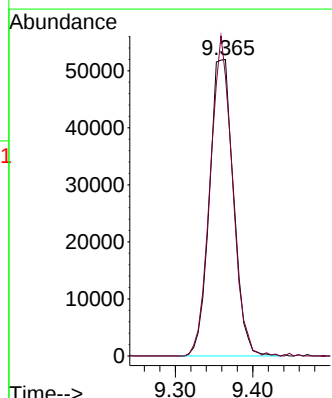
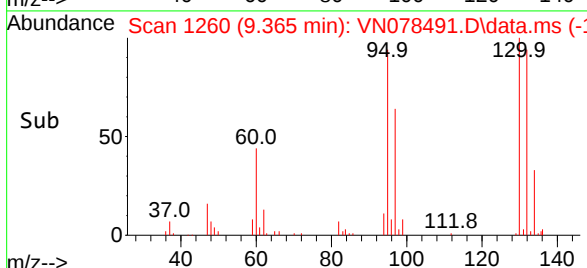
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

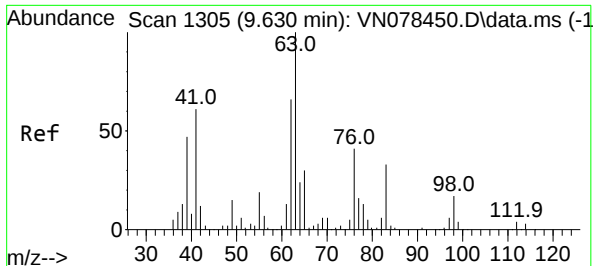


#44
Trichloroethene
Concen: 18.384 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55



Tgt Ion:130 Resp: 112198
Ion Ratio Lower Upper
130 100
95 94.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.336 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBS01

Tgt Ion: 63 Resp: 110890

Ion Ratio Lower Upper

63 100

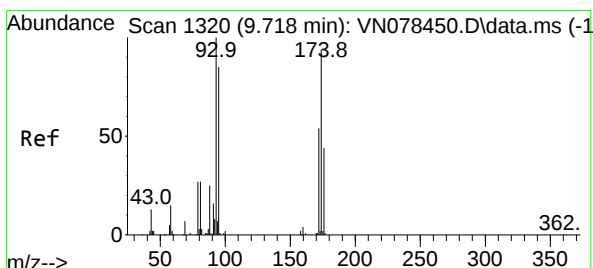
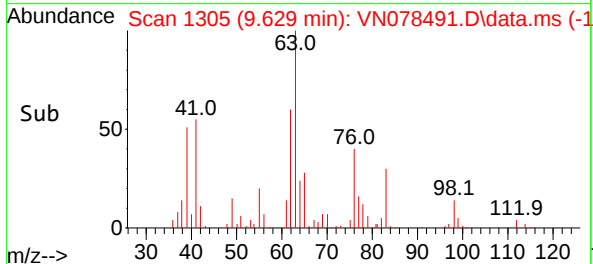
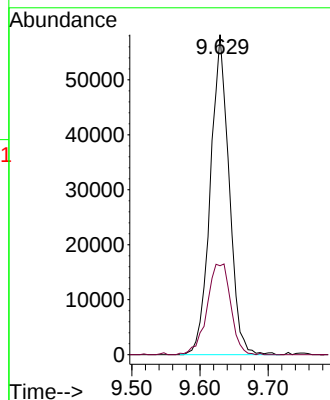
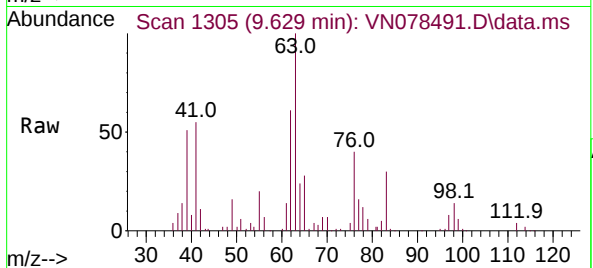
65 27.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#46

Dibromomethane

Concen: 19.747 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

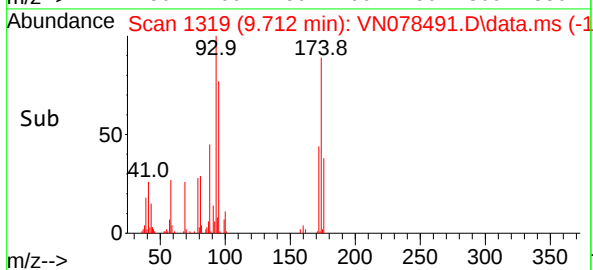
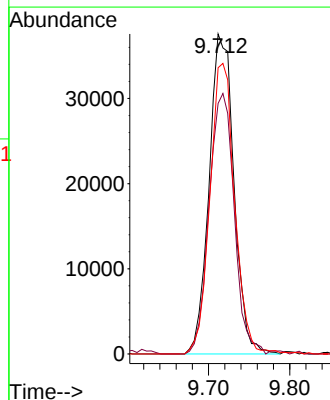
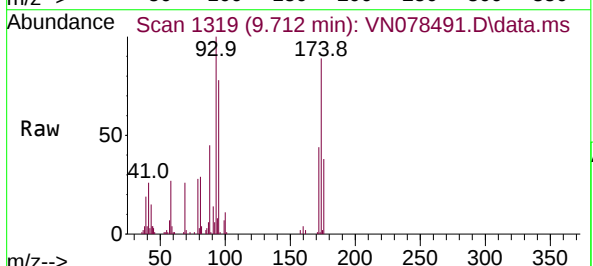
Tgt Ion: 93 Resp: 79713

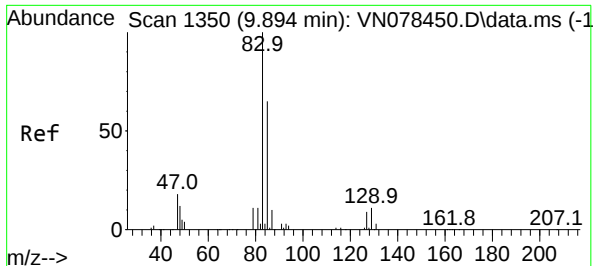
Ion Ratio Lower Upper

93 100

95 82.7 63.8 95.8

174 90.9 65.6 98.4





#47

Bromodichloromethane

Concen: 20.116 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.000 min

Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBS01

Tgt Ion: 83 Resp: 162770

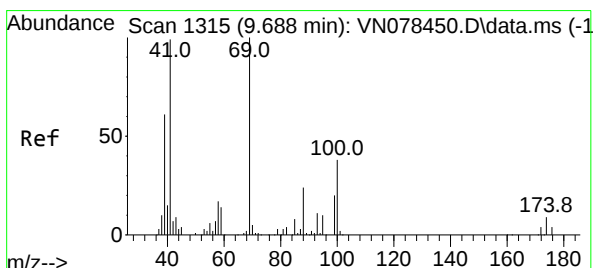
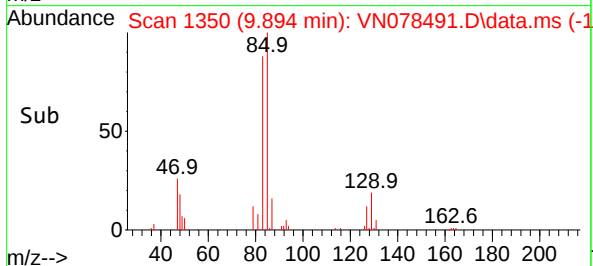
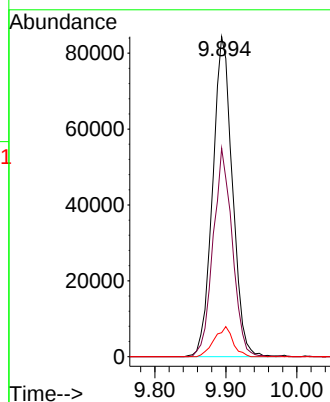
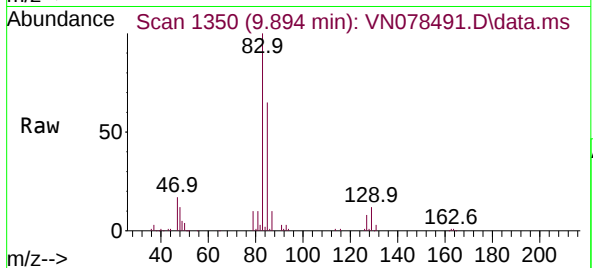
Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.6	74.4
127	7.5	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#48

Methyl methacrylate

Concen: 18.901 ug/l

RT: 9.688 min Scan# 1315

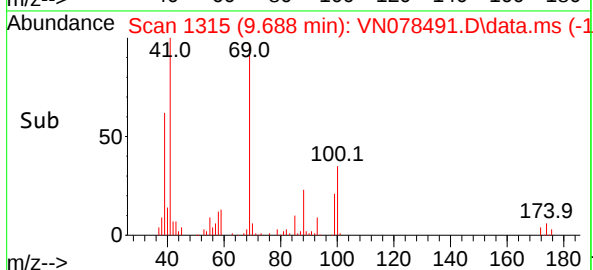
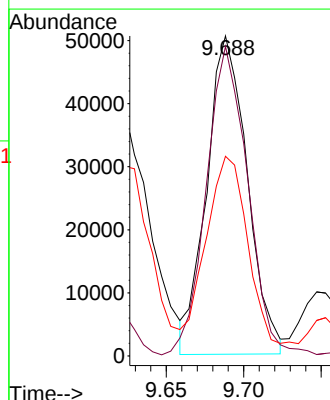
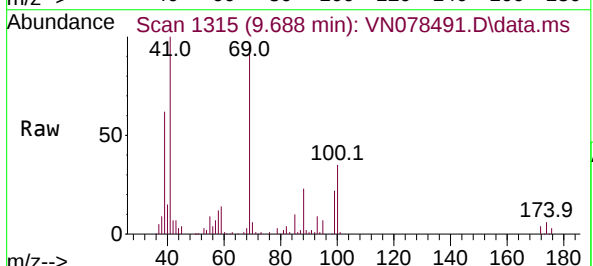
Delta R.T. 0.000 min

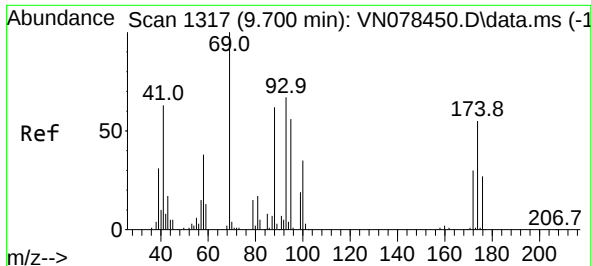
Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

Tgt Ion: 41 Resp: 91857

Ion	Ratio	Lower	Upper
41	100		
69	98.7	90.4	135.6
39	66.2	54.6	81.8





#49

1,4-Dioxane

Concen: 414.019 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBS01

Tgt Ion: 88 Resp: 4388

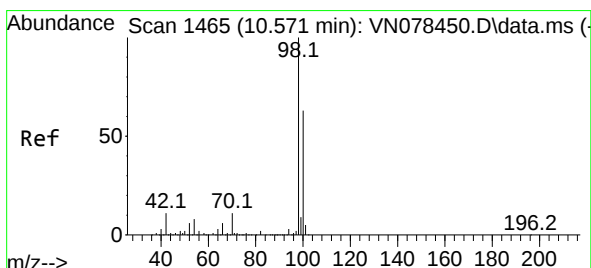
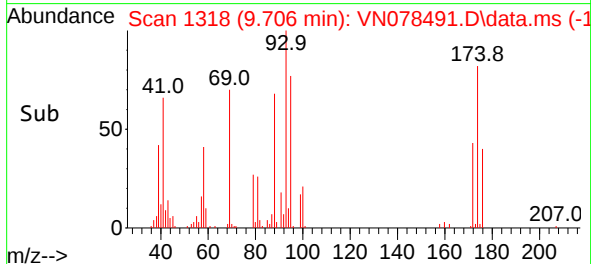
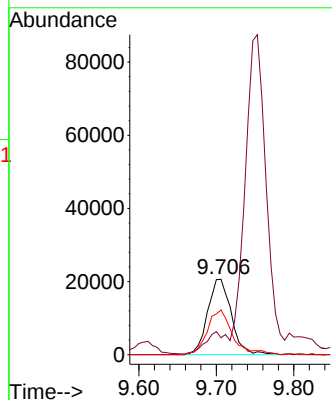
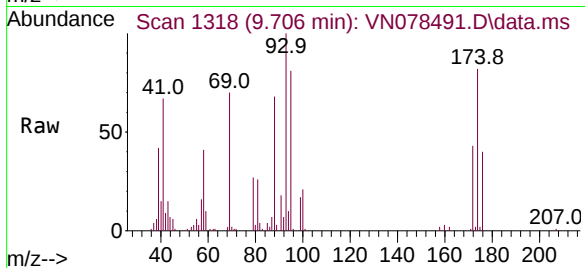
Ion	Ratio	Lower	Upper
88	100		
43	19.4	17.0	25.6
58	60.0	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#50

Toluene-d8

Concen: 51.517 ug/l

RT: 10.576 min Scan# 1466

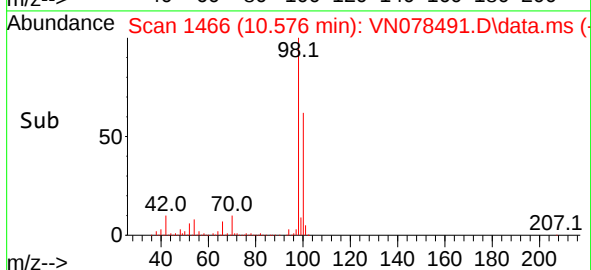
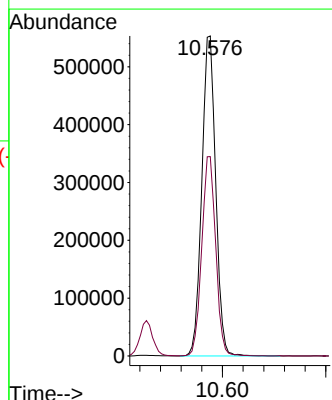
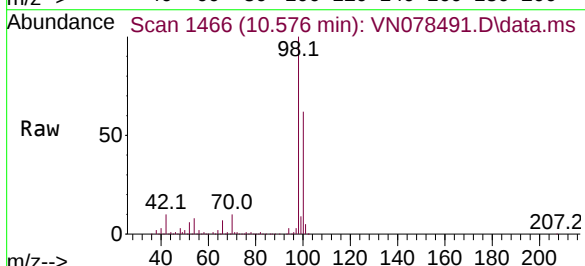
Delta R.T. 0.005 min

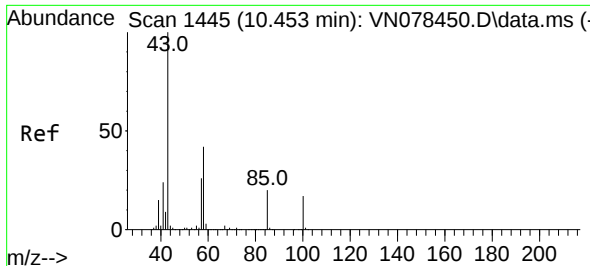
Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

Tgt Ion: 98 Resp: 1030217

Ion	Ratio	Lower	Upper
98	100		
100	62.6	52.0	78.0





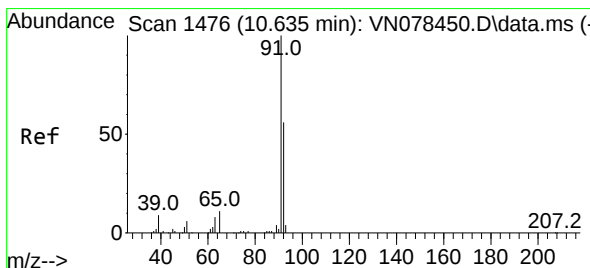
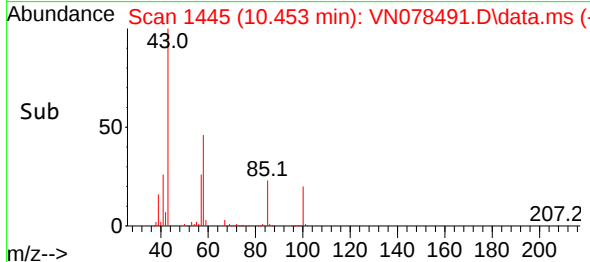
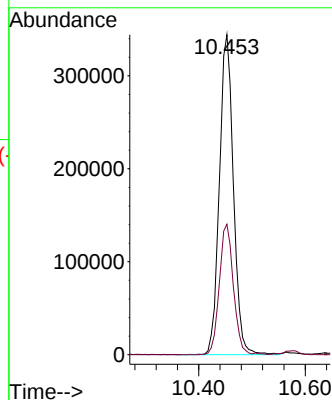
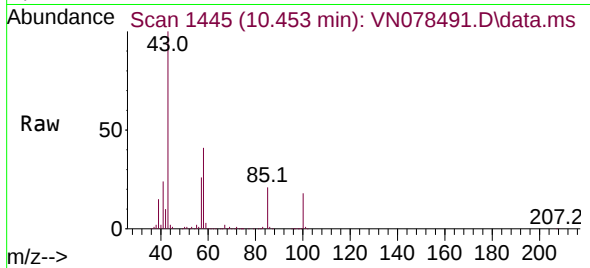
#51
4-Methyl-2-Pentanone
Concen: 100.791 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion: 43 Resp: 628908
Ion Ratio Lower Upper
43 100
58 41.0 36.6 54.8

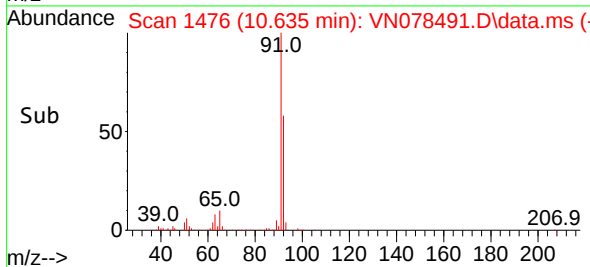
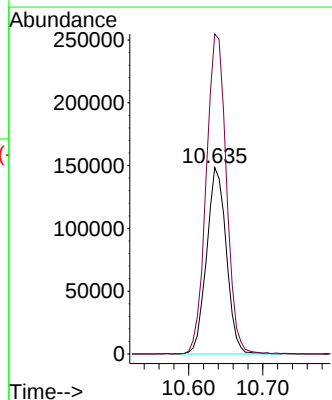
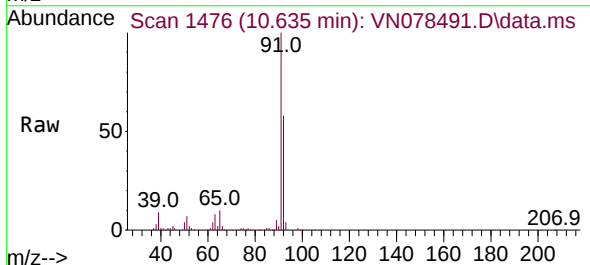
Manual Integrations
APPROVED

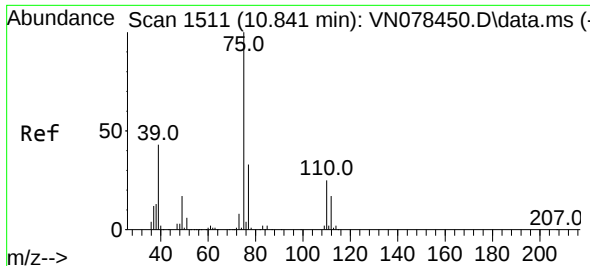
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#52
Toluene
Concen: 19.533 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

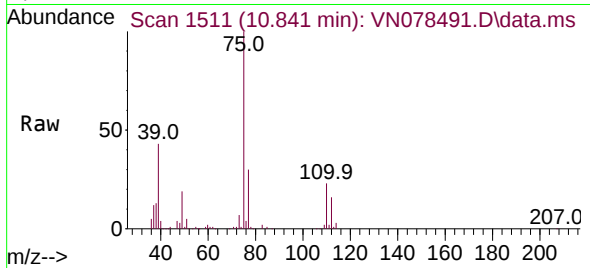
Tgt Ion: 92 Resp: 274129
Ion Ratio Lower Upper
92 100
91 175.8 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 18.787 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

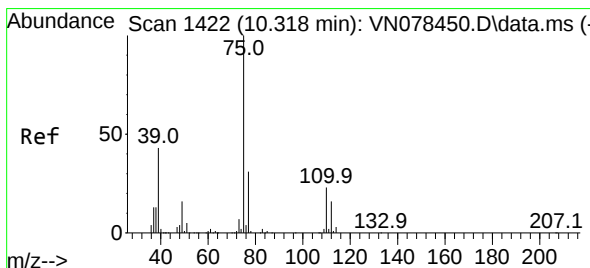
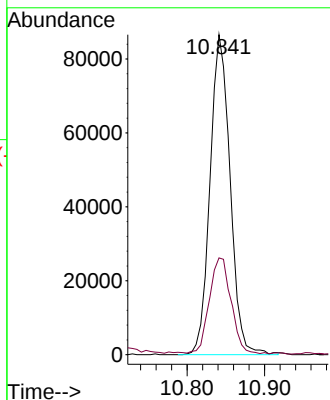
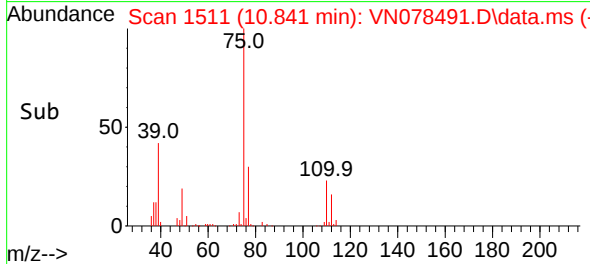
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



Tgt Ion: 75 Resp: 155736
Ion Ratio Lower Upper
75 100
77 29.7 25.4 38.0

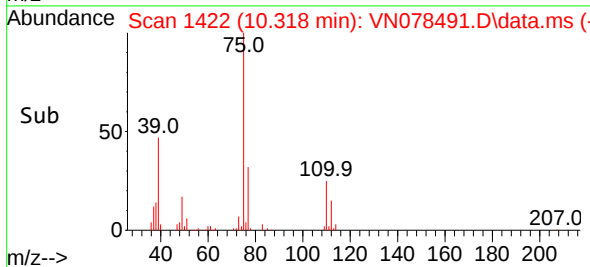
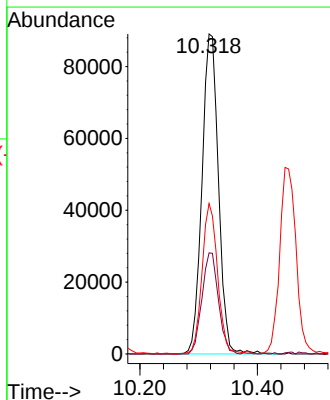
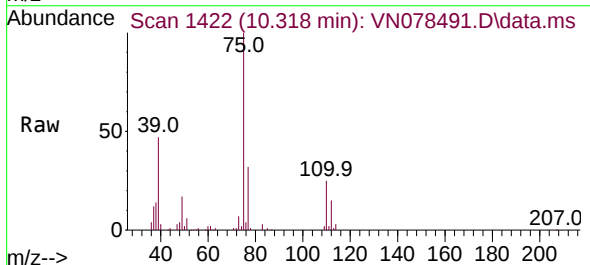
Manual Integrations
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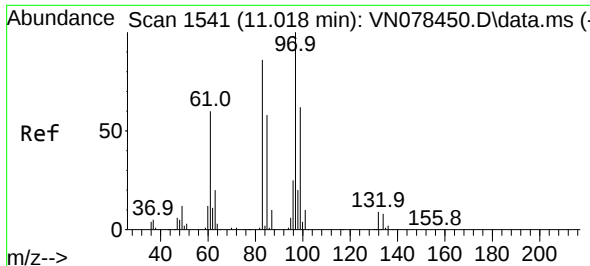
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#54
cis-1,3-Dichloropropene
Concen: 19.645 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

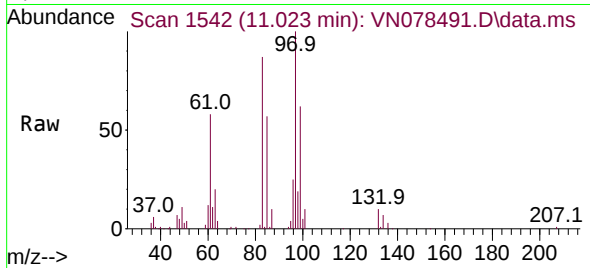
Tgt Ion: 75 Resp: 173588
Ion Ratio Lower Upper
75 100
77 31.6 26.1 39.1
39 47.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.577 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

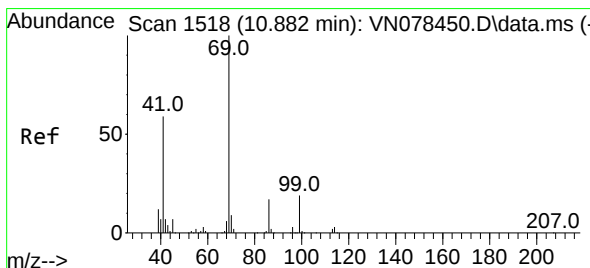
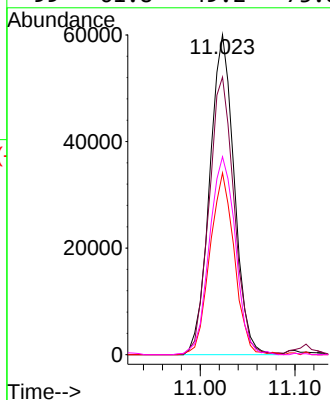
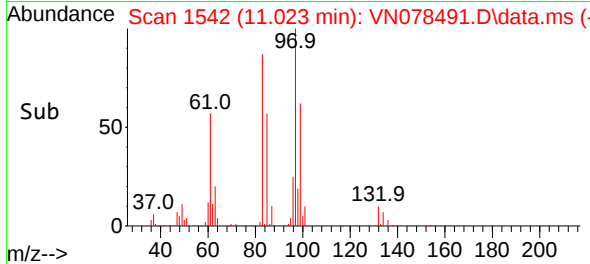
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



Tgt Ion: 97 Resp: 10825
Ion Ratio Lower Upper
97 100
83 86.7 65.1 97.7
85 56.8 43.4 65.2
99 61.8 49.2 73.8

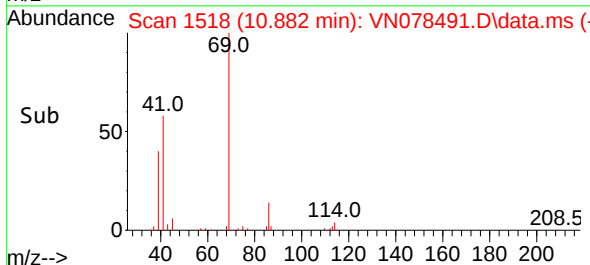
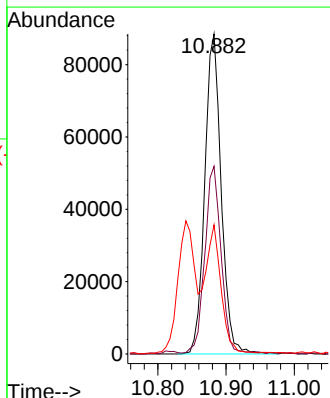
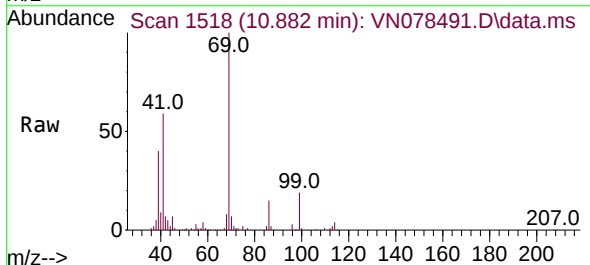
Manual Integrations
APPROVED

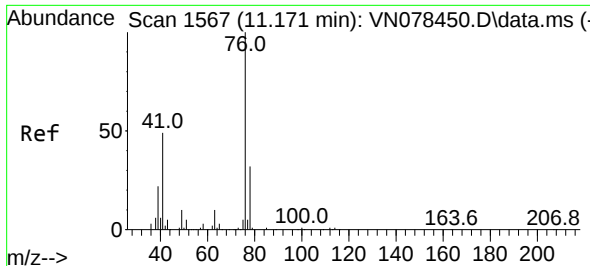
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#56
Ethyl methacrylate
Concen: 19.195 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

Tgt Ion: 69 Resp: 148373
Ion Ratio Lower Upper
69 100
41 57.8 39.6 59.4
39 34.5 28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.266 ug/l

RT: 11.170 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBS01

Tgt Ion: 76 Resp: 18113

Ion Ratio Lower Upper

76 100

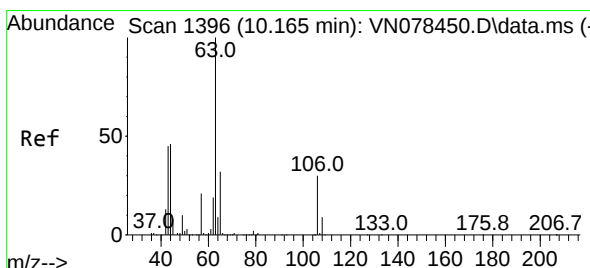
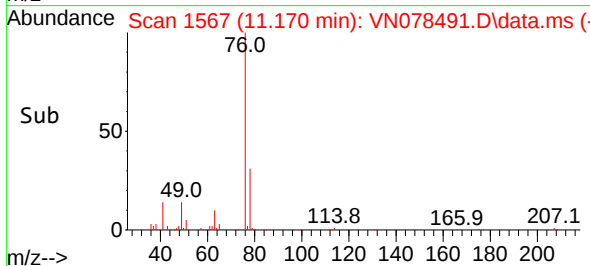
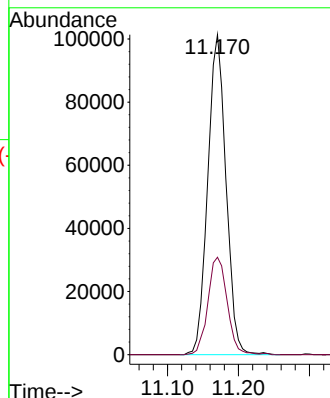
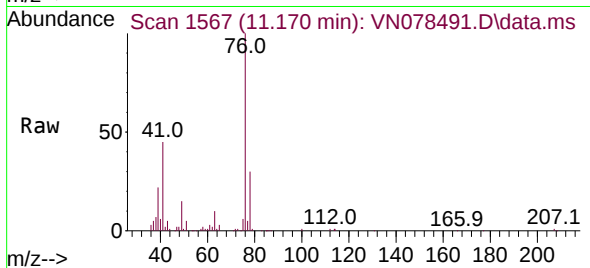
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 83.548 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN078491.D

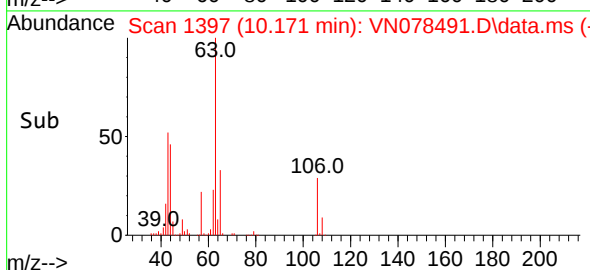
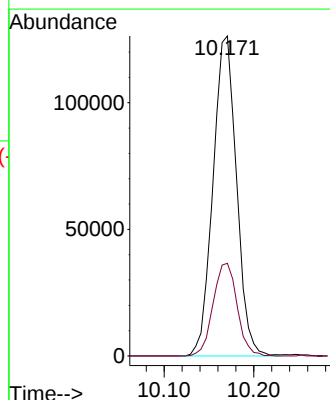
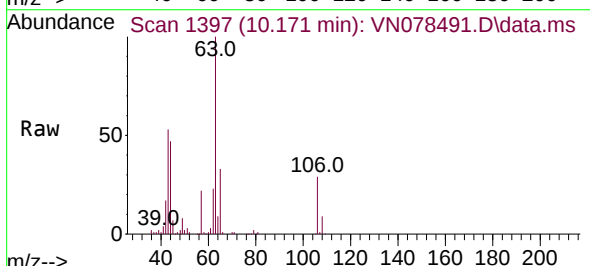
Acq: 13 Jul 2023 11:55

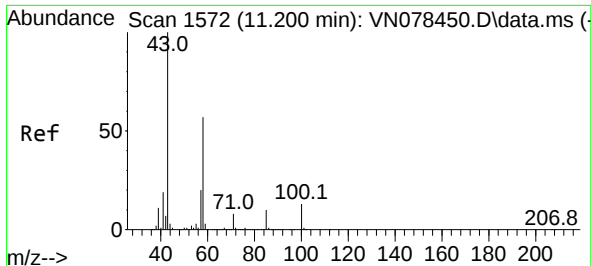
Tgt Ion: 63 Resp: 230144

Ion Ratio Lower Upper

63 100

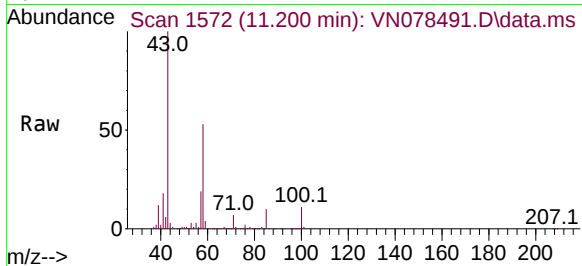
106 29.5 26.2 39.4





#59
2-Hexanone
Concen: 100.695 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

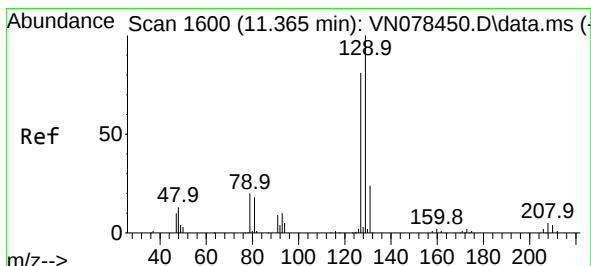
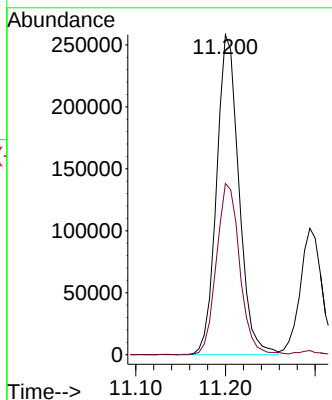
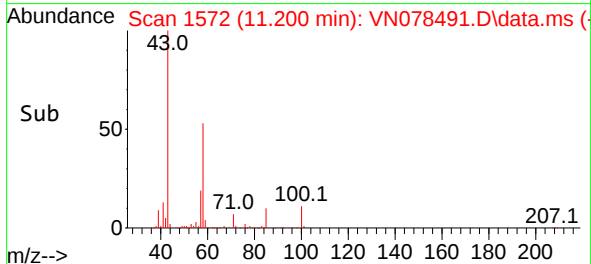
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



Tgt Ion: 43 Resp: 446540
Ion Ratio Lower Upper
43 100
58 55.7 31.7 95.1

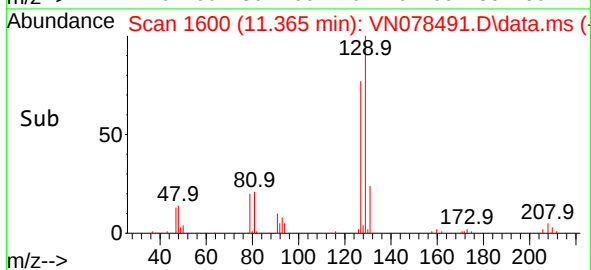
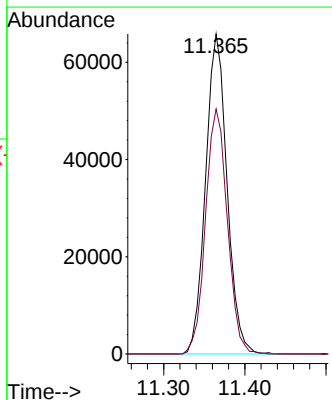
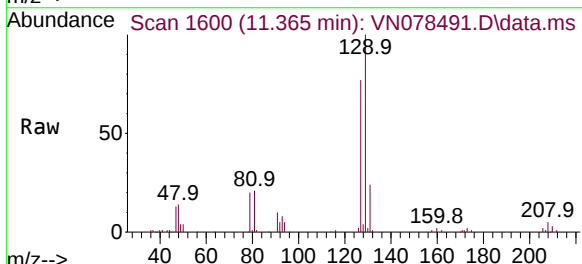
Manual Integrations
APPROVED

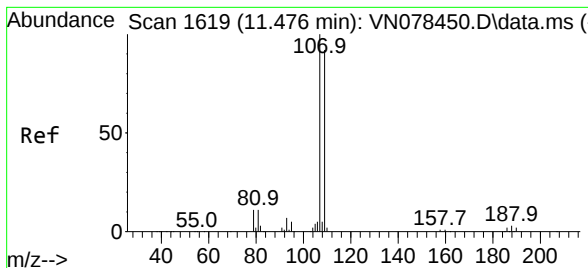
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#60
Dibromochloromethane
Concen: 19.791 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

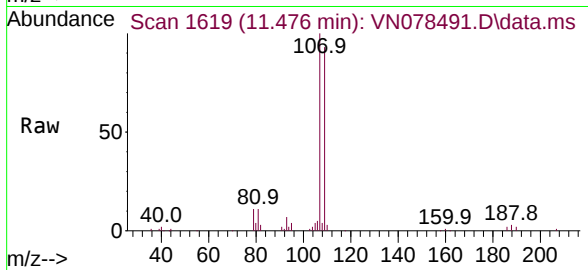
Tgt Ion:129 Resp: 120815
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.055 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

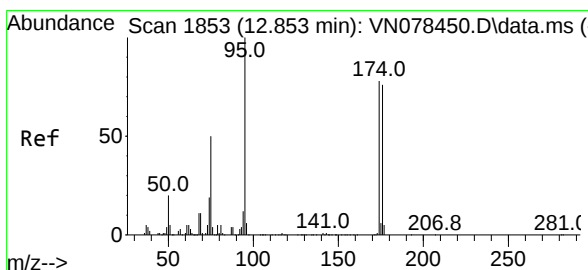
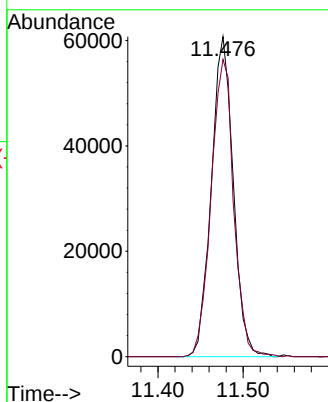
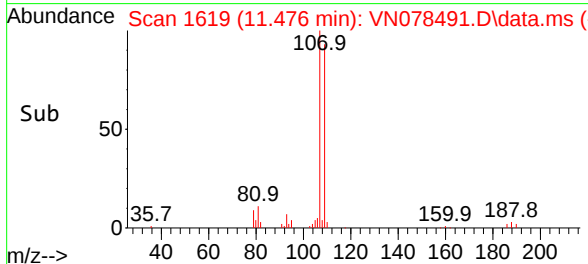
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



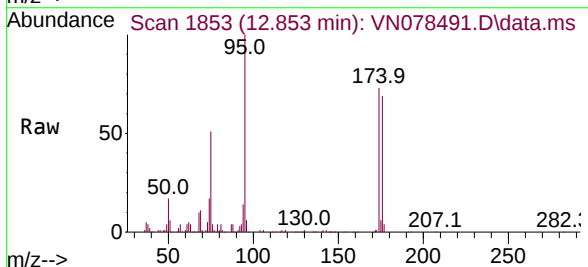
Tgt Ion:107 Resp: 10854
Ion Ratio Lower Upper
107 100
109 95.7 76.6 114.8

Manual Integrations
APPROVED

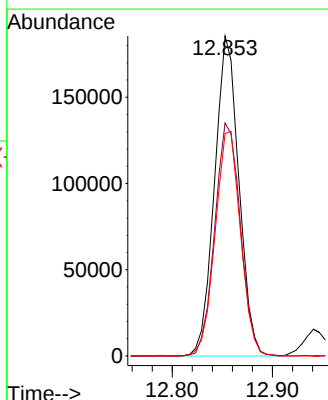
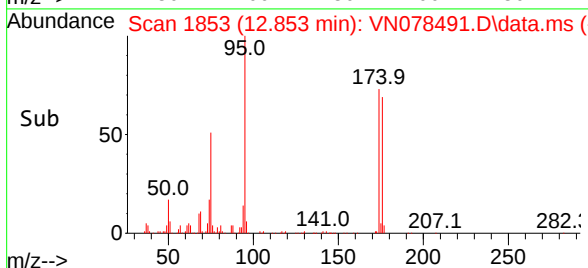
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

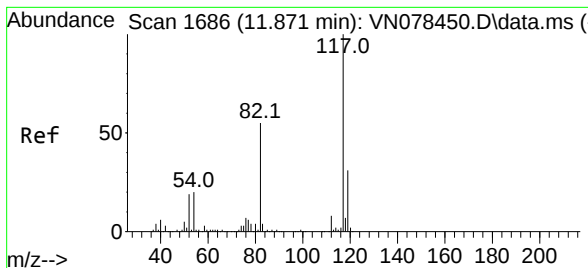


#62
4-Bromofluorobenzene
Concen: 50.628 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55



Tgt Ion: 95 Resp: 311851
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 73.3 0.0 135.8





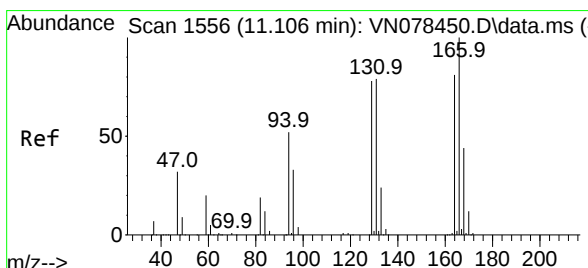
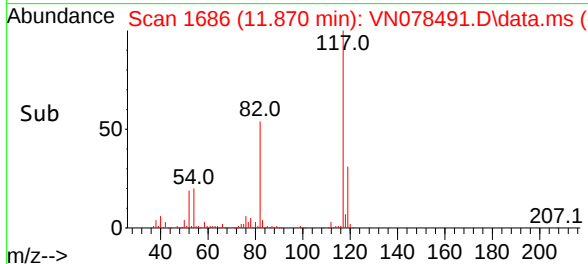
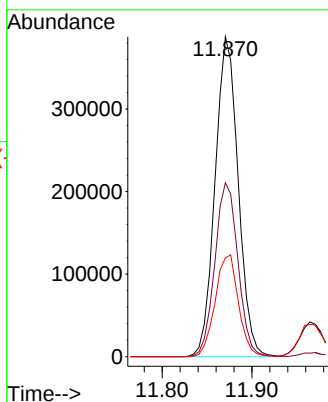
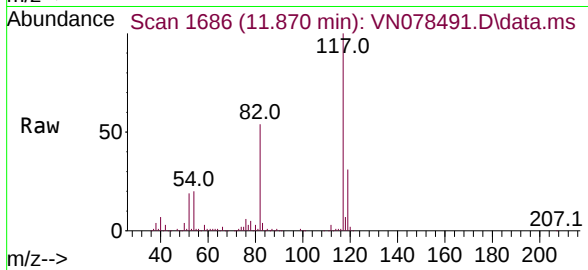
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion:117 Resp: 69343
Ion Ratio Lower Upper
117 100
82 54.4 44.0 66.0
119 30.9 25.6 38.4

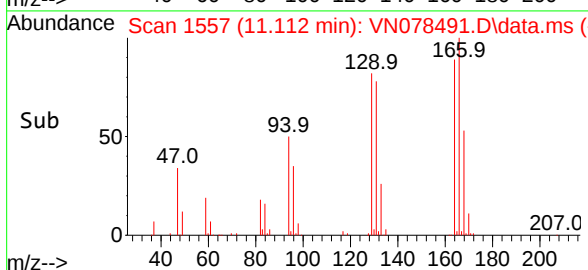
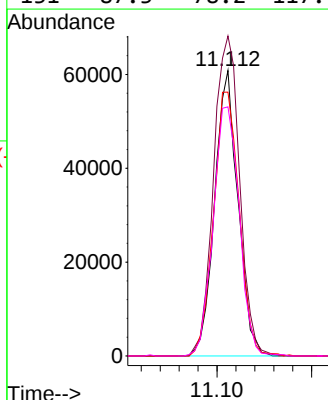
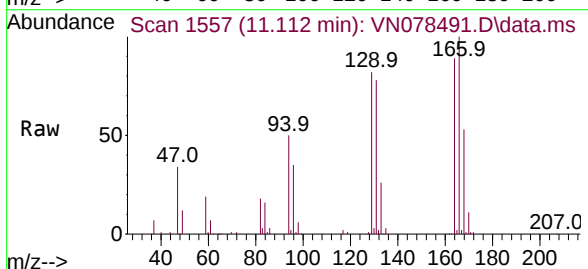
Manual Integrations
APPROVED

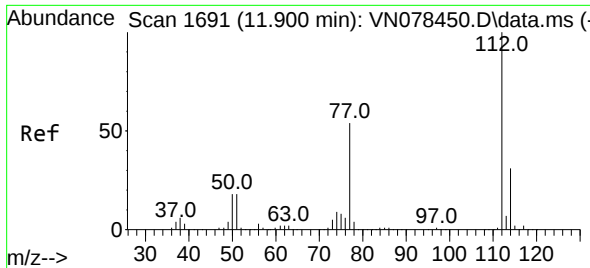
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#64
Tetrachloroethene
Concen: 19.993 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

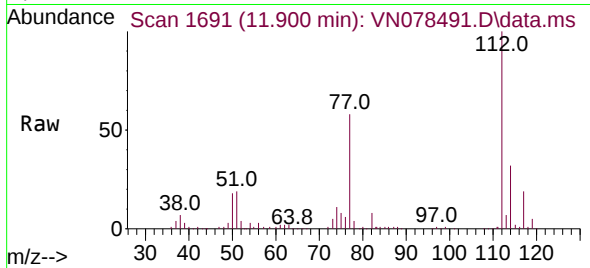
Tgt Ion:164 Resp: 104233
Ion Ratio Lower Upper
164 100
166 112.1 101.4 152.0
129 92.4 82.4 123.6
131 87.3 78.2 117.4





#65
Chlorobenzene
Concen: 18.247 ug/l
RT: 11.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

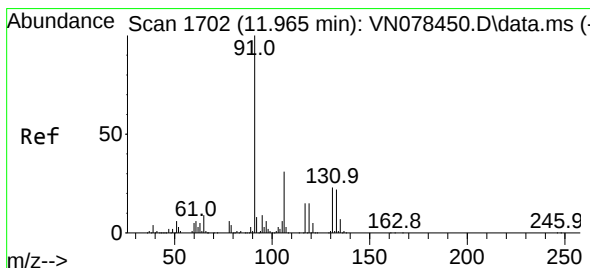
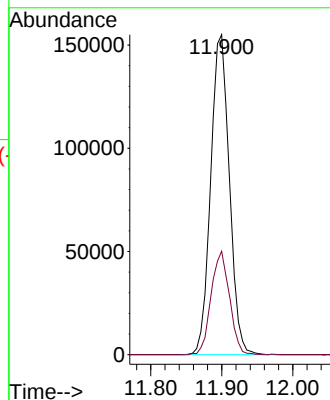
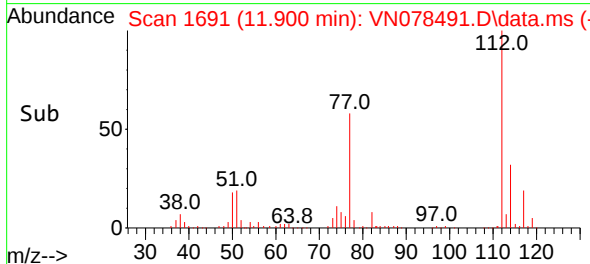
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



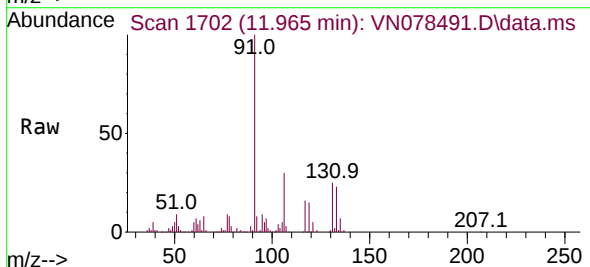
Tgt Ion:112 Resp: 28283
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4

Manual Integrations
APPROVED

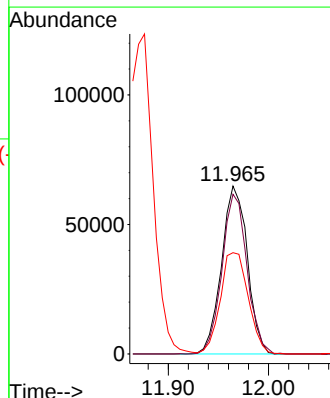
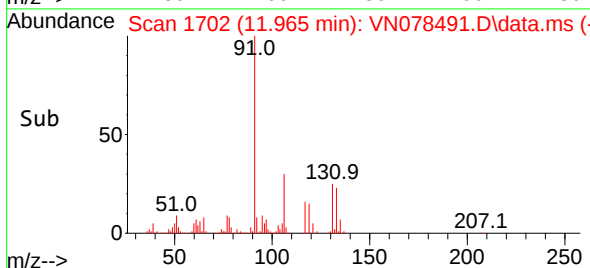
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

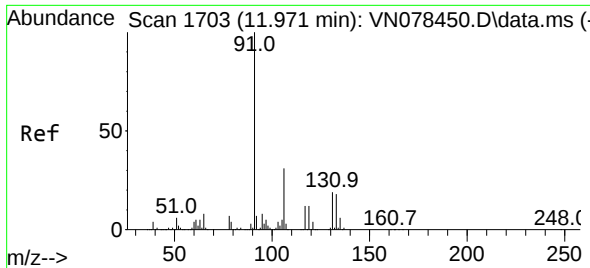


#66
1,1,1,2-Tetrachloroethane
Concen: 19.425 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55



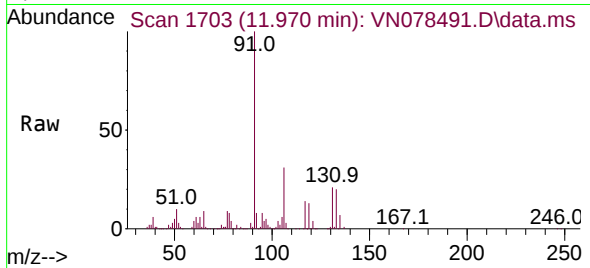
Tgt Ion:131 Resp: 115824
Ion Ratio Lower Upper
131 100
133 92.6 46.4 139.1
119 65.4 34.1 102.2





#67
Ethyl Benzene
Concen: 18.772 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

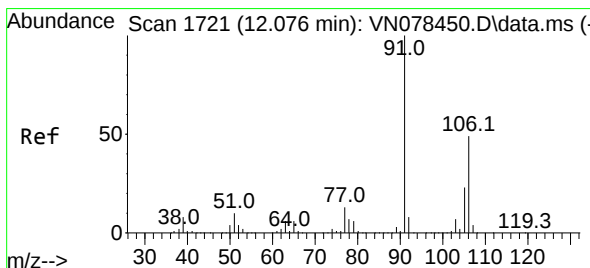
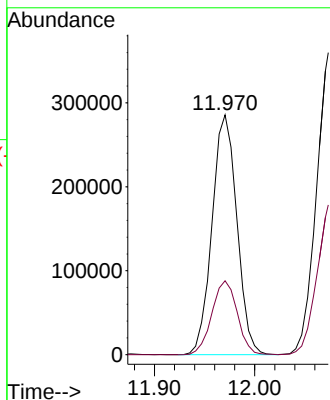
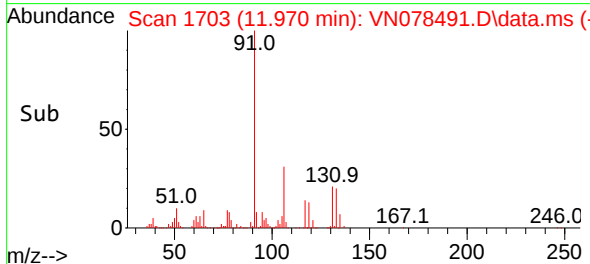
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



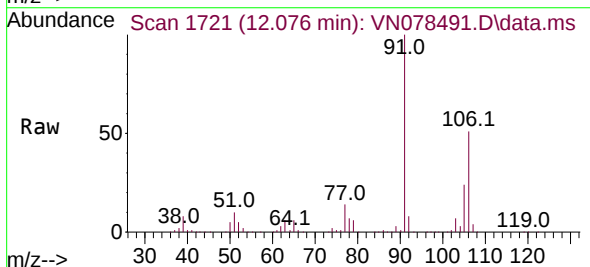
Tgt Ion: 91 Resp: 491820
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4

Manual Integrations
APPROVED

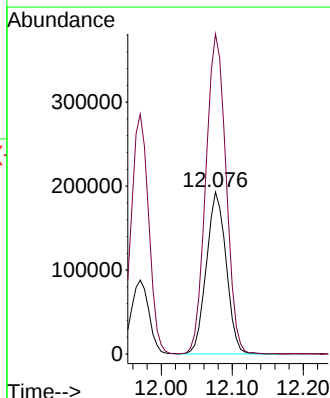
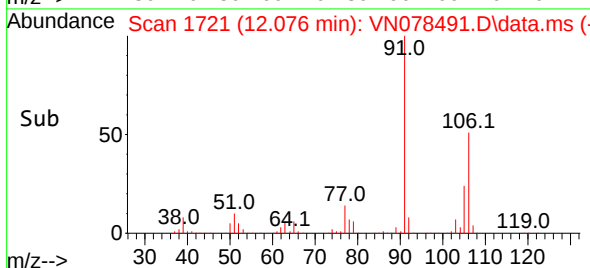
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

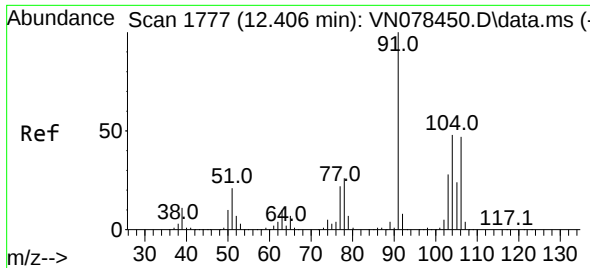


#68
m/p-Xylenes
Concen: 38.548 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55



Tgt Ion:106 Resp: 373408
Ion Ratio Lower Upper
106 100
91 201.4 159.6 239.4





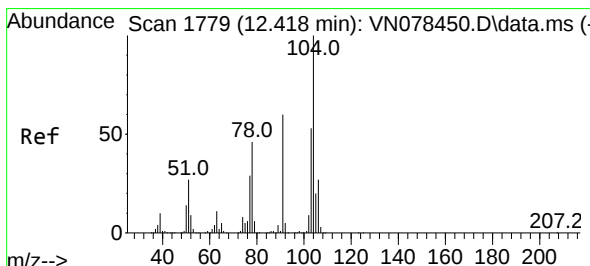
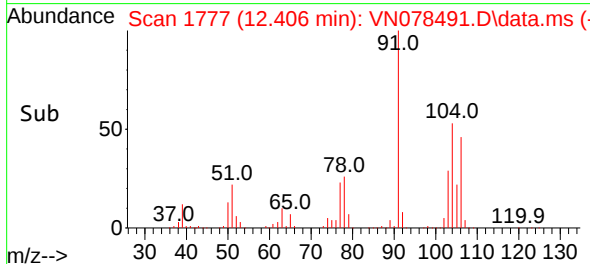
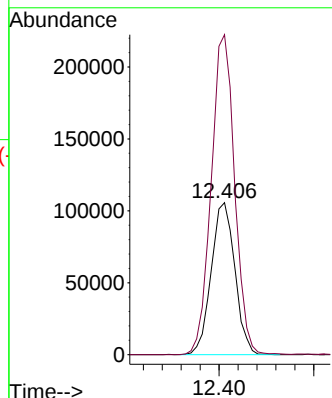
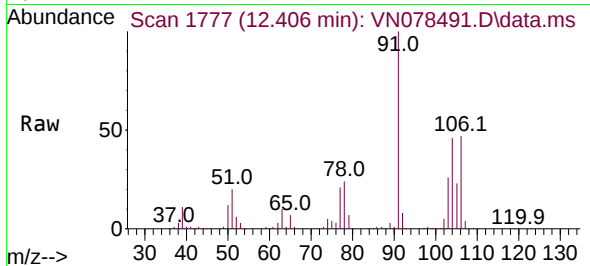
#69
o-Xylene
Concen: 18.732 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion:106 Resp: 183270
Ion Ratio Lower Upper
106 100
91 208.6 105.2 315.5

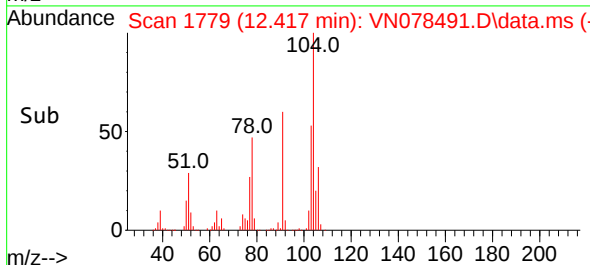
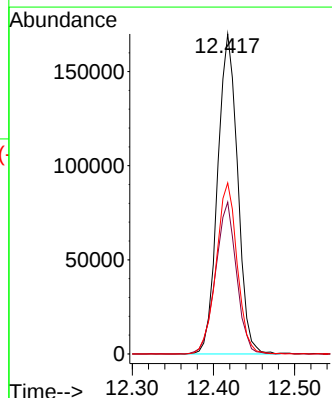
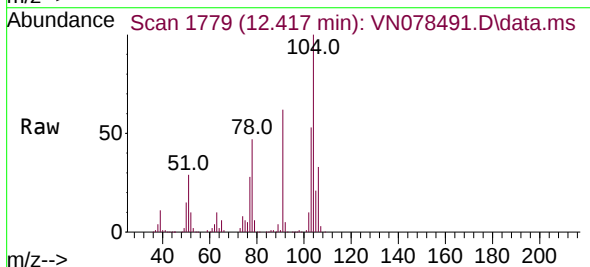
Manual Integrations
APPROVED

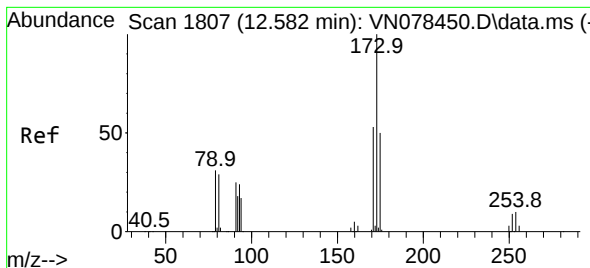
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#70
Styrene
Concen: 19.032 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

Tgt Ion:104 Resp: 291324
Ion Ratio Lower Upper
104 100
78 49.6 39.5 59.3
103 56.1 43.2 64.8





#71

Bromoform

Concen: 19.193 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBS01

Tgt Ion:173 Resp: 77508

Ion Ratio Lower Upper

173 100

175 50.1 24.3 73.0

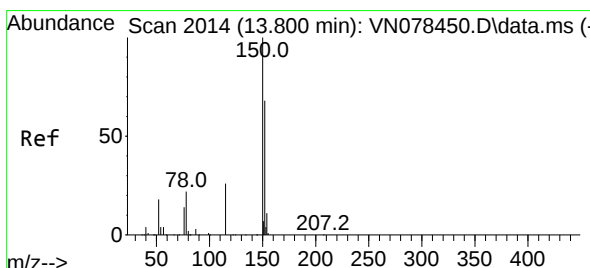
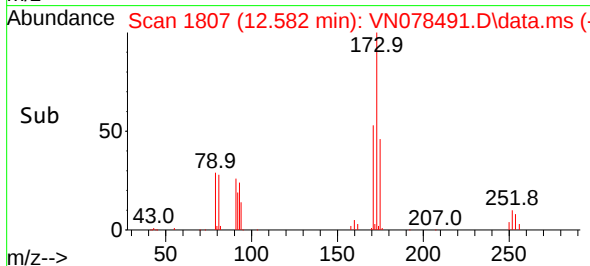
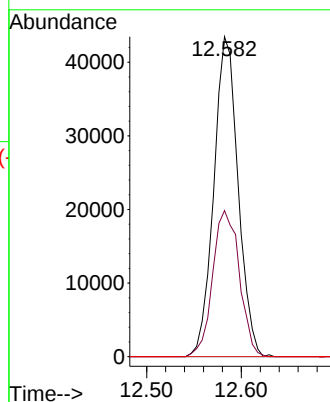
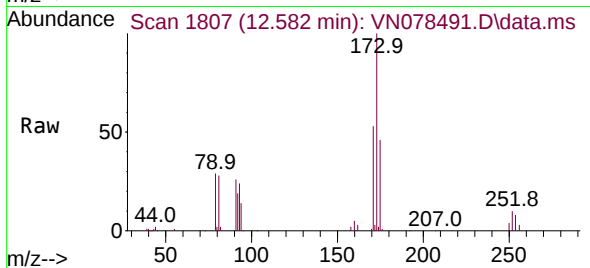
254 0.0 0.0 0.0

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: VN078491.D

Acq: 13 Jul 2023 11:55

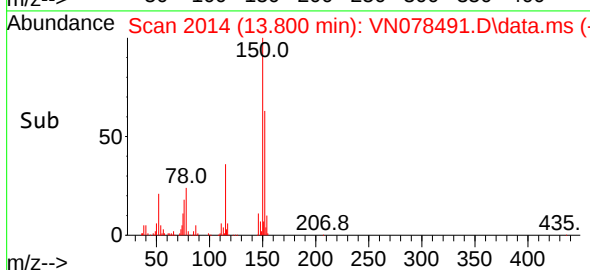
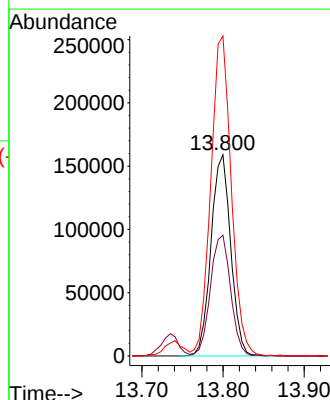
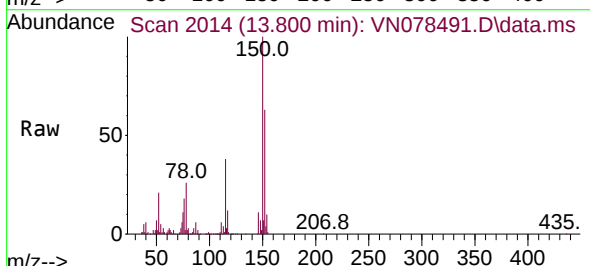
Tgt Ion:152 Resp: 267949

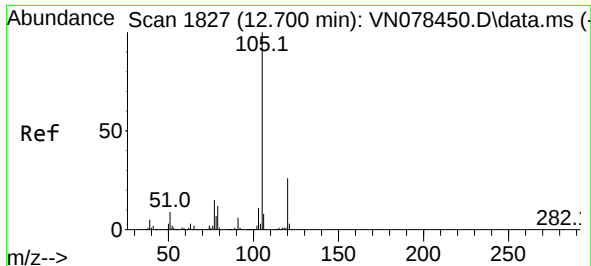
Ion Ratio Lower Upper

152 100

115 61.7 32.3 96.8

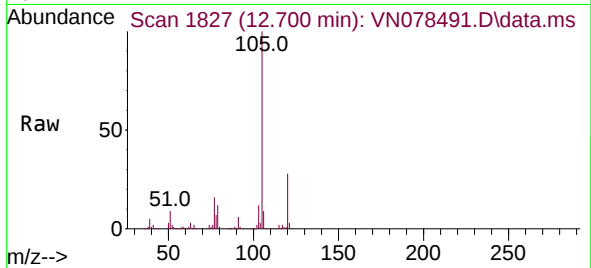
150 165.8 0.0 355.8





#73
Isopropylbenzene
Concen: 17.804 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

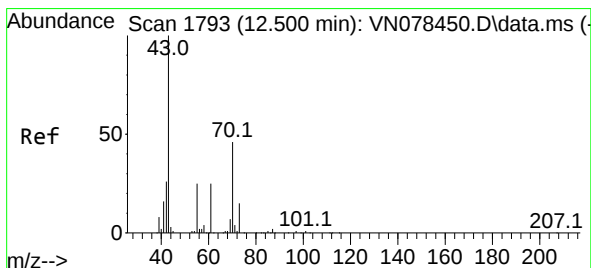
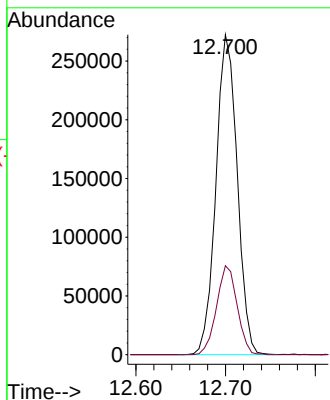
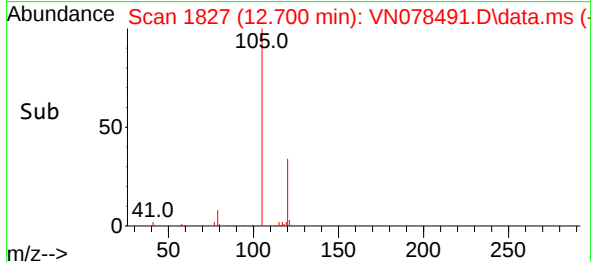
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



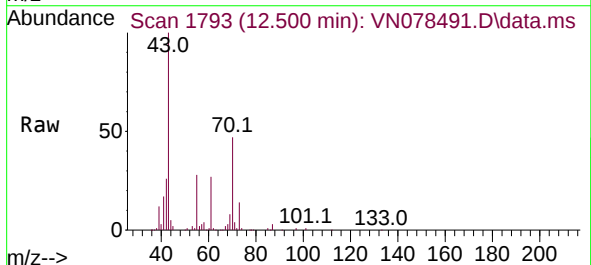
Tgt Ion:105 Resp: 448260
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1

Manual Integrations
APPROVED

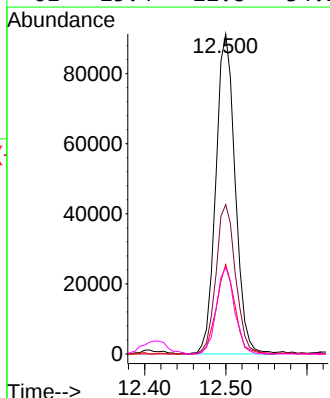
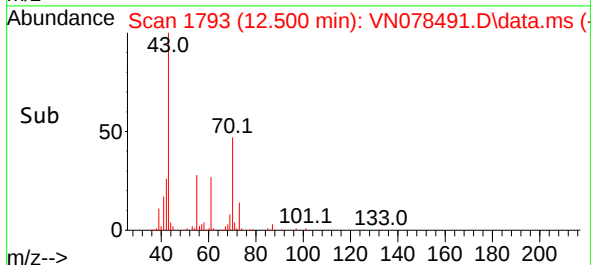
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

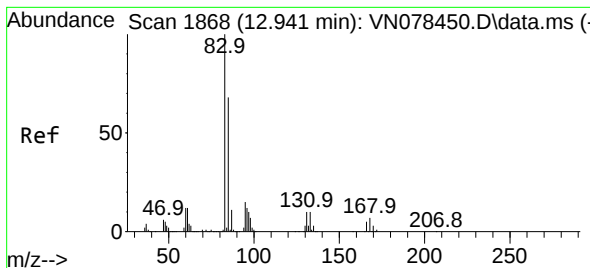


#74
N-ethyl acetate
Concen: 17.473 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55



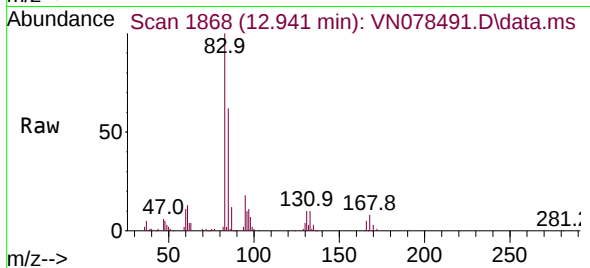
Tgt Ion: 43 Resp: 151607
Ion Ratio Lower Upper
43 100
70 47.1 43.4 65.2
55 26.8 21.4 32.0
61 25.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.591 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

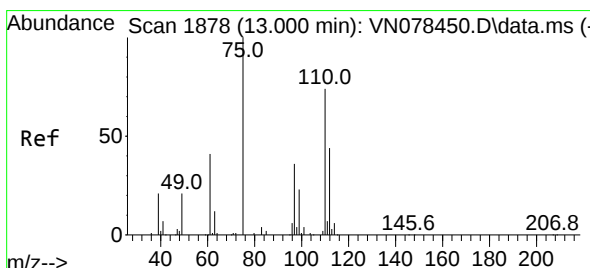
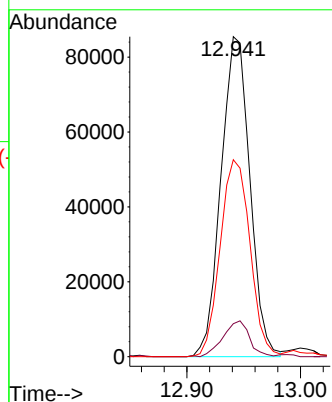
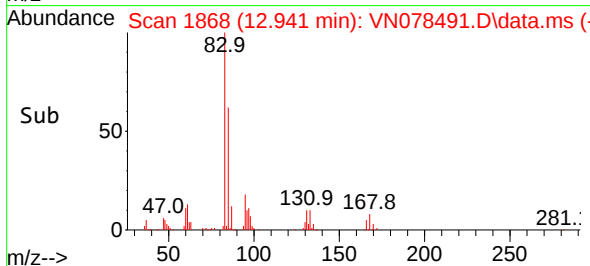
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



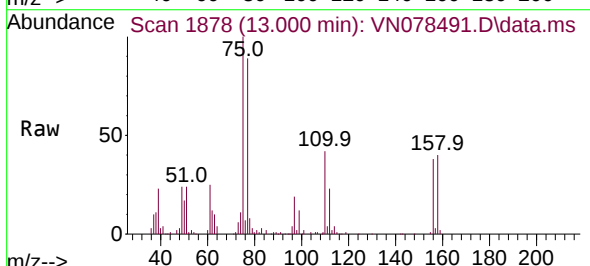
Tgt Ion: 83 Resp: 151010
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 63.5 31.9 95.7

Manual Integrations
APPROVED

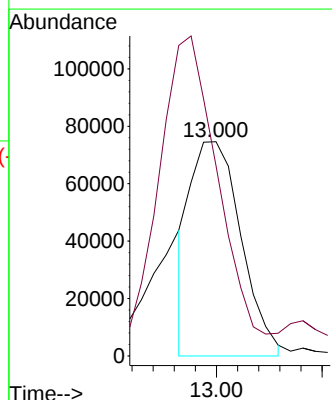
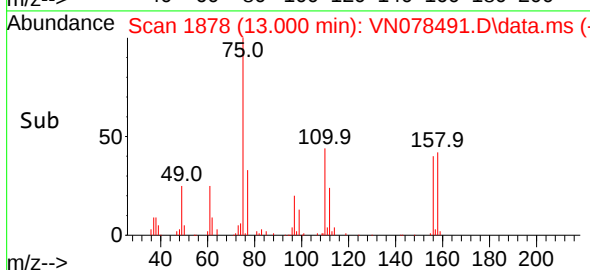
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

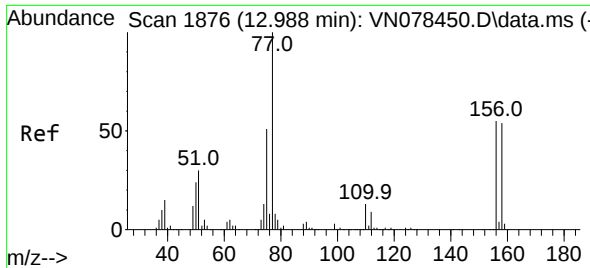


#76
1,2,3-Trichloropropane
Concen: 19.232 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55



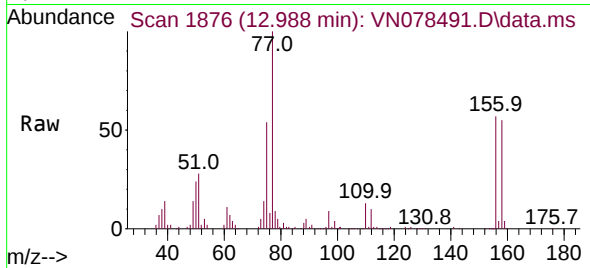
Tgt Ion: 75 Resp: 124556
Ion Ratio Lower Upper
75 100
77 178.4 84.5 253.5





#77
Bromobenzene
Concen: 18.838 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

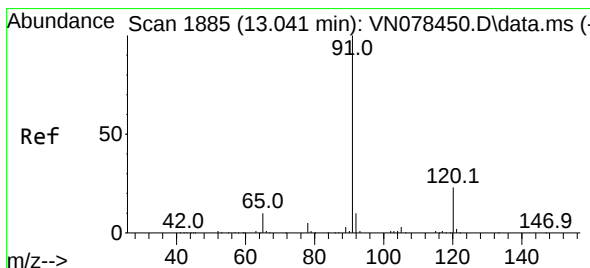
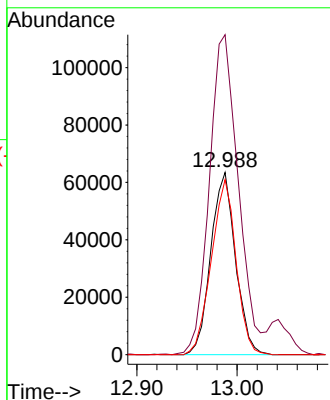
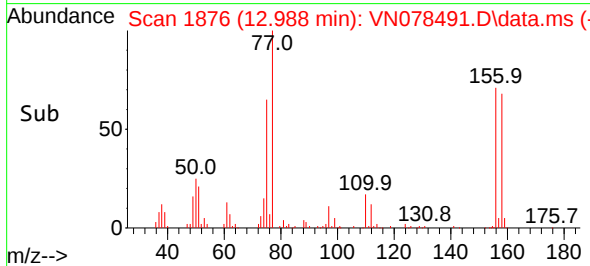
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



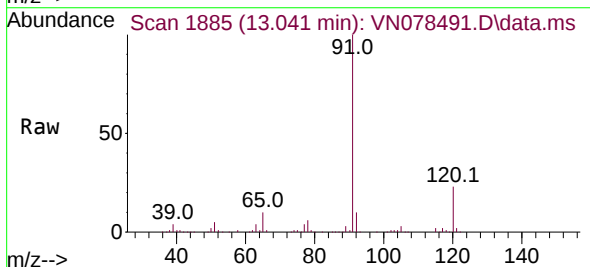
Tgt Ion:156 Resp: 10841
Ion Ratio Lower Upper
156 100
77 205.0 107.7 323.3
158 96.0 48.4 145.3

Manual Integrations
APPROVED

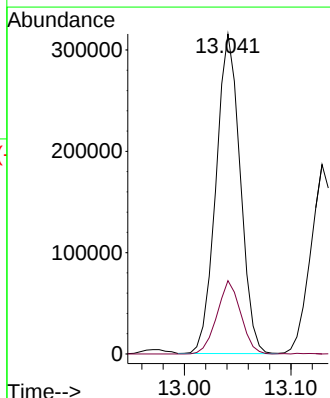
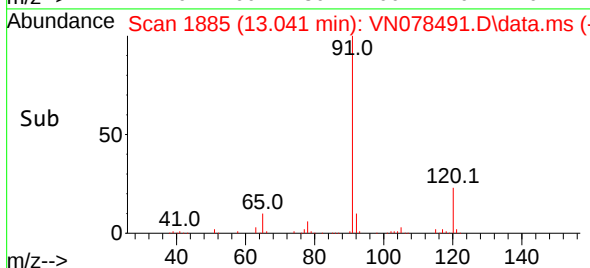
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

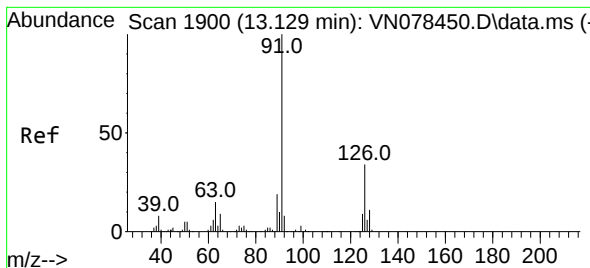


#78
n-propylbenzene
Concen: 18.476 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55



Tgt Ion: 91 Resp: 497496
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





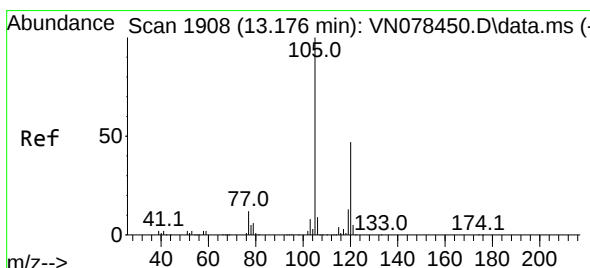
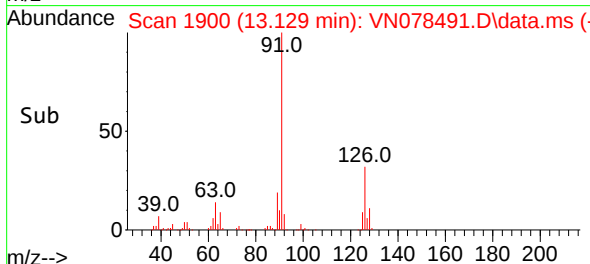
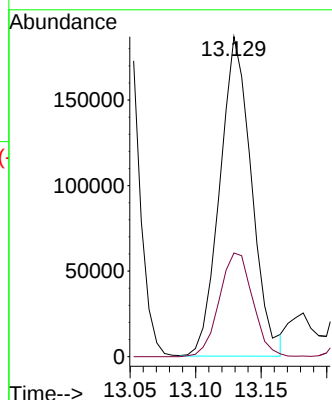
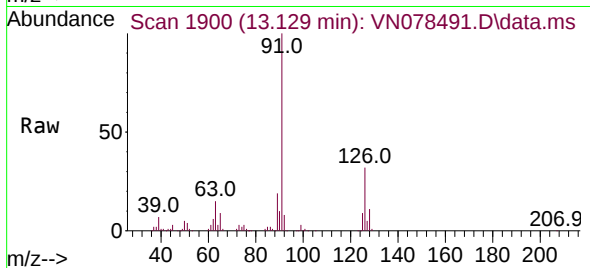
#79
2-Chlorotoluene
Concen: 17.796 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01

Tgt Ion: 91 Resp: 31387
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.8

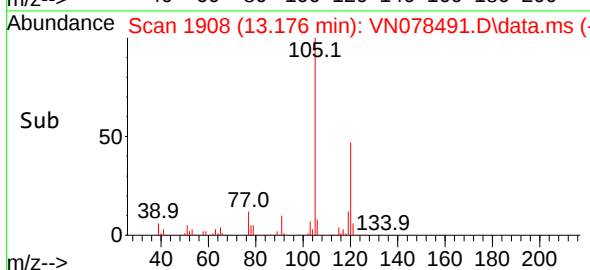
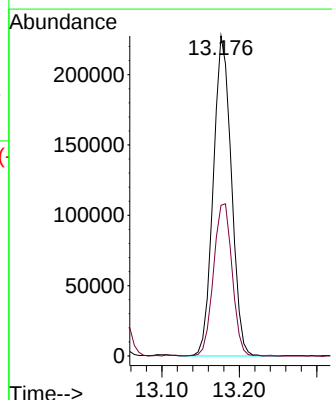
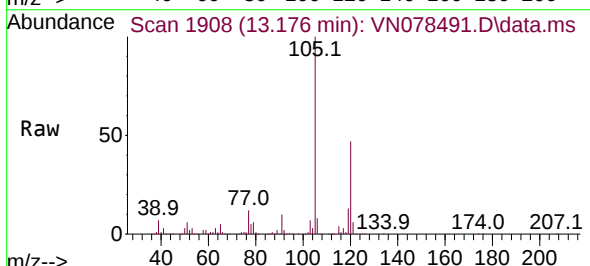
Manual Integrations
APPROVED

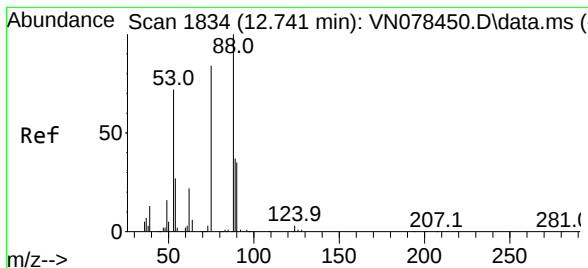
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.542 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

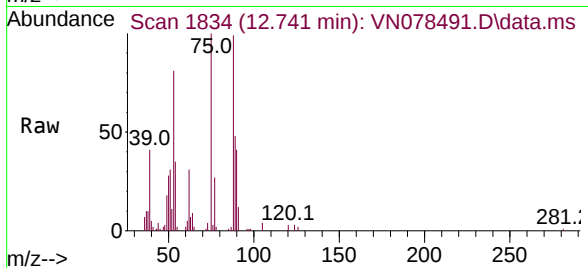
Tgt Ion:105 Resp: 368870
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.165 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

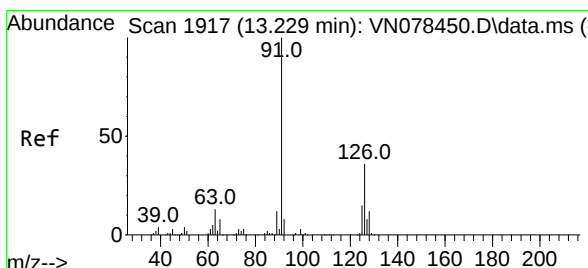
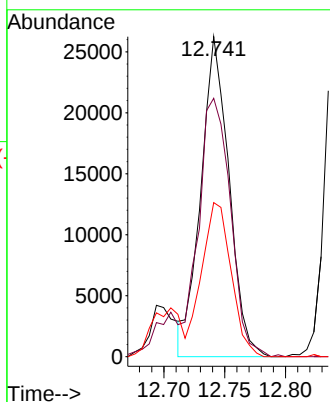
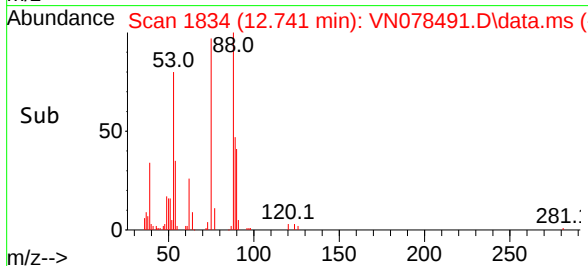
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



Tgt Ion: 75 Resp: 42300
Ion Ratio Lower Upper
75 100
53 103.0 67.4 101.2
89 50.3 38.8 58.2

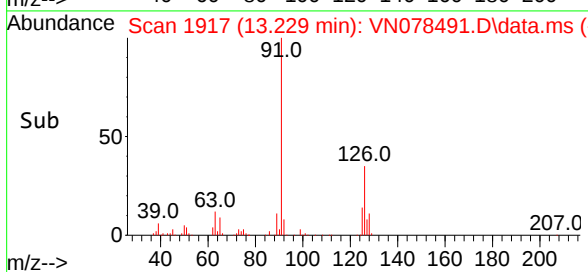
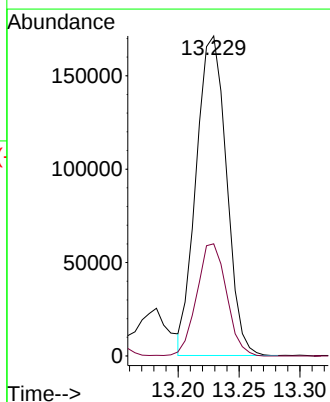
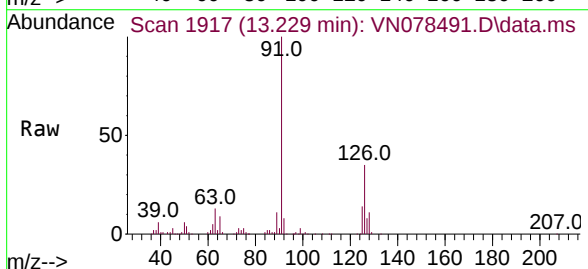
Manual Integrations
APPROVED

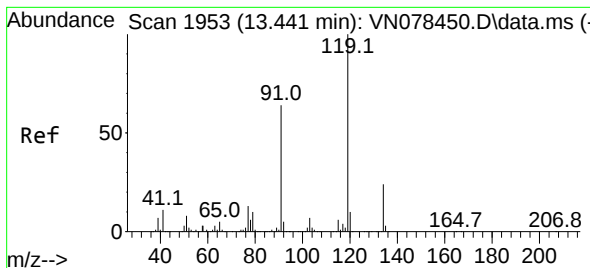
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#82
4-Chlorotoluene
Concen: 17.975 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

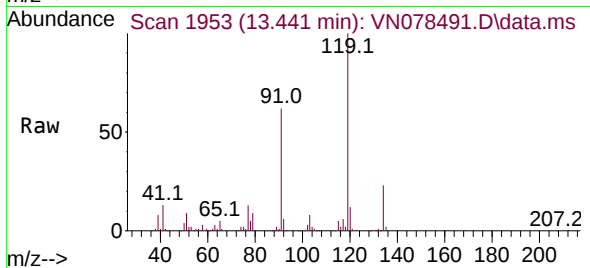
Tgt Ion: 91 Resp: 295749
Ion Ratio Lower Upper
91 100
126 34.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.459 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

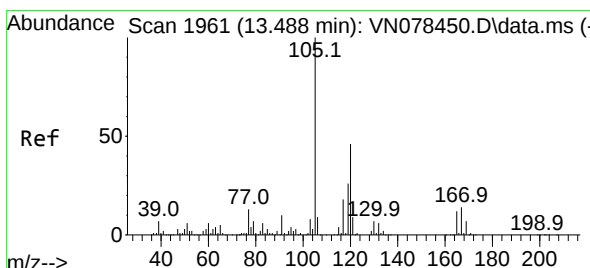
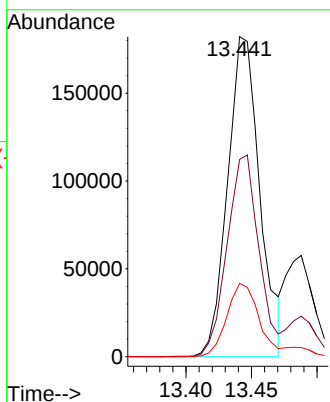
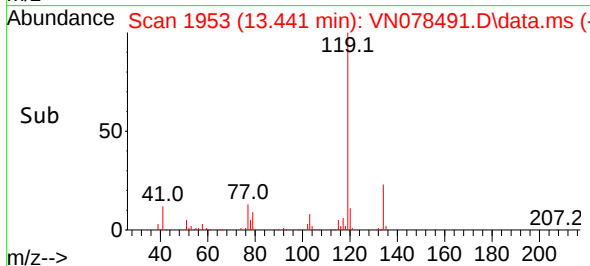
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



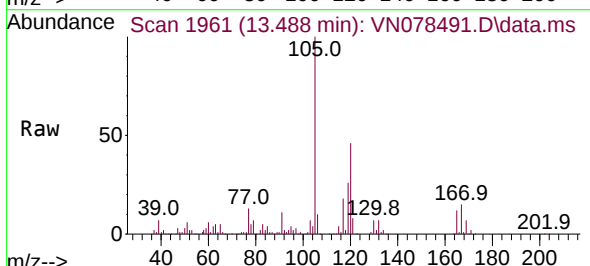
Tgt Ion:119 Resp: 311764
Ion Ratio Lower Upper
119 100
91 62.4 33.9 101.7
134 23.1 13.2 39.6

Manual Integrations
APPROVED

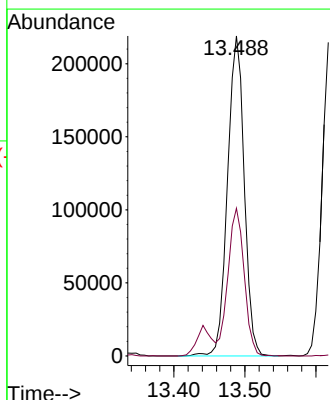
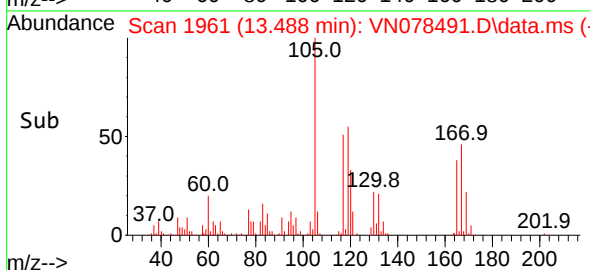
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

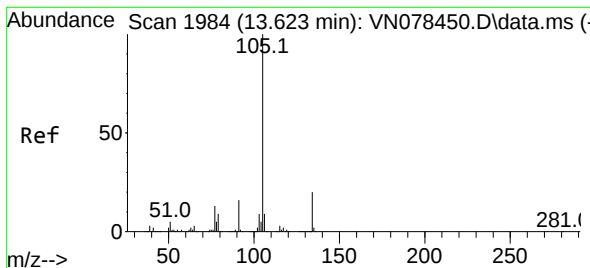


#84
1,2,4-Trimethylbenzene
Concen: 18.517 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55



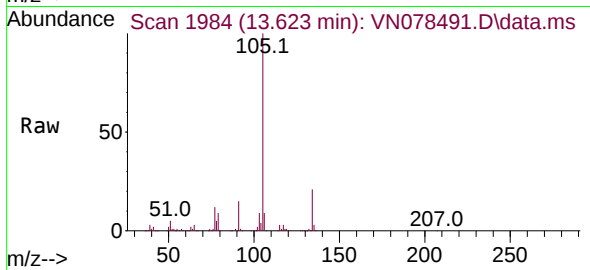
Tgt Ion:105 Resp: 357814
Ion Ratio Lower Upper
105 100
120 45.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.024 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078491.D
 Acq: 13 Jul 2023 11:55

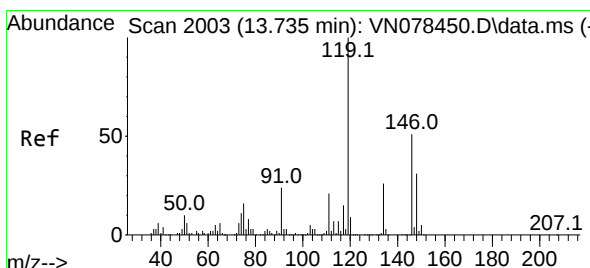
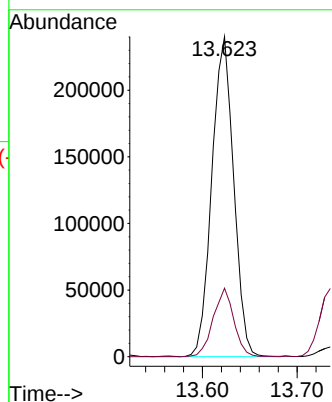
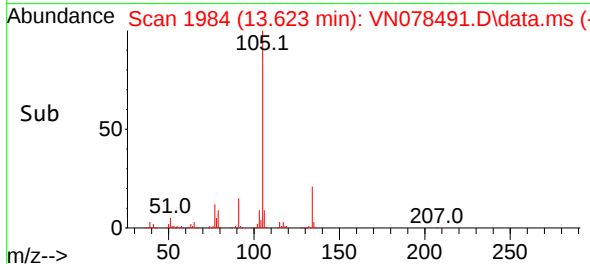
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS01



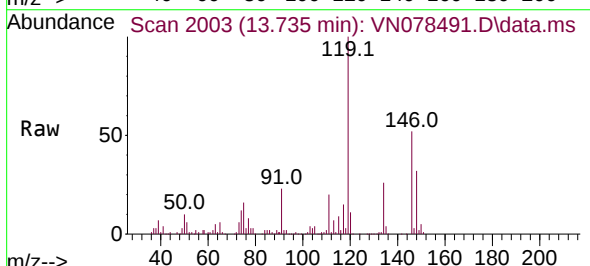
Tgt Ion:105 Resp: 384780
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3

Manual Integrations
 APPROVED

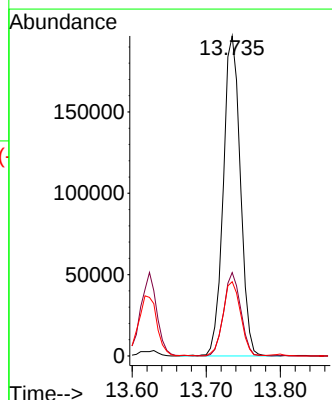
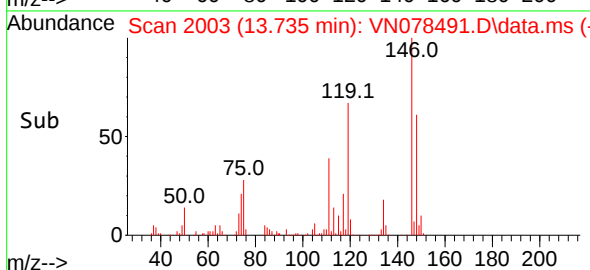
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023

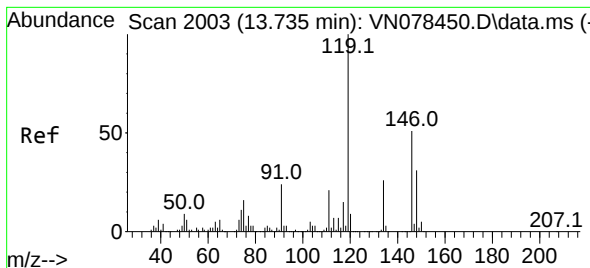


#86
 p-Isopropyltoluene
 Concen: 18.330 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078491.D
 Acq: 13 Jul 2023 11:55



Tgt Ion:119 Resp: 314219
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 24.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.230 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBS01

Tgt Ion:146 Resp: 17620

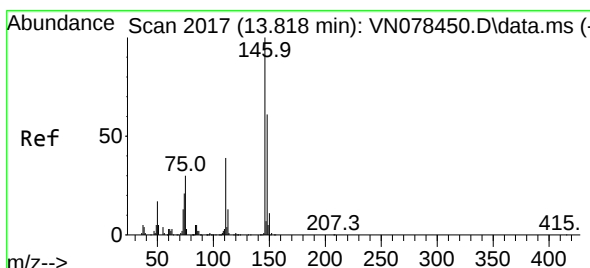
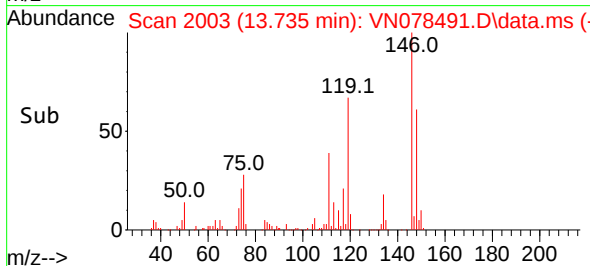
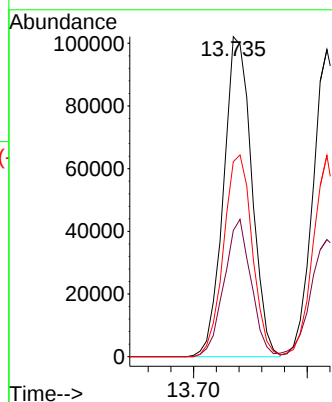
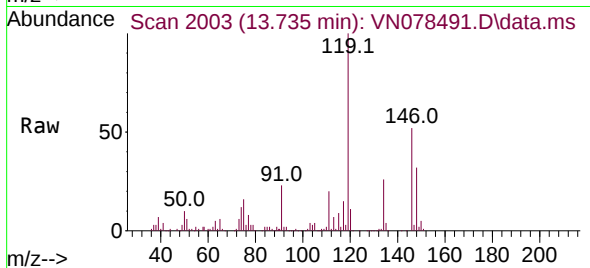
Ion	Ratio	Lower	Upper
146	100		
111	41.2	22.1	66.3
148	63.9	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#88

1,4-Dichlorobenzene

Concen: 17.499 ug/l

RT: 13.817 min Scan# 2017

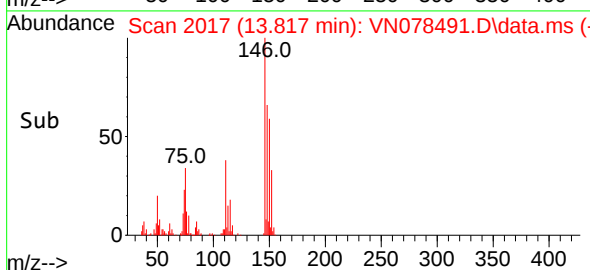
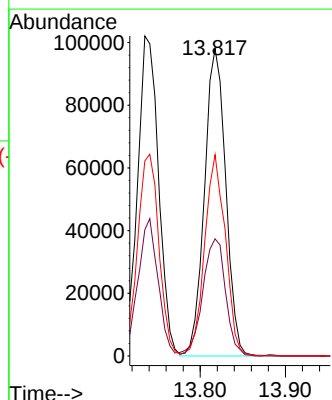
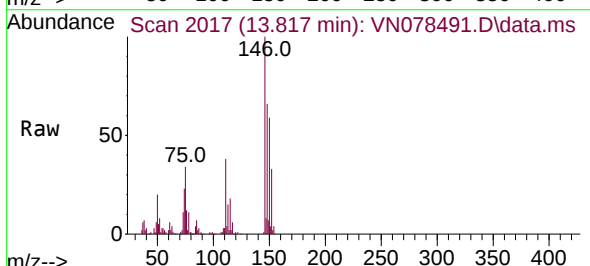
Delta R.T. -0.001 min

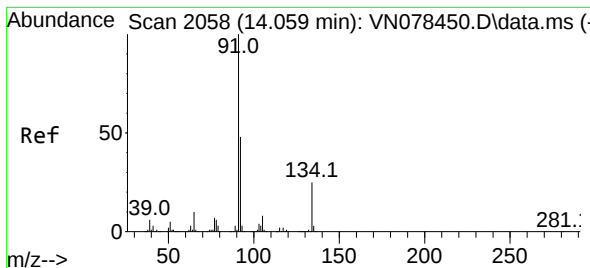
Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

Tgt Ion:146 Resp: 170365

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.8
148	64.1	31.6	94.8





#89

n-Butylbenzene

Concen: 17.743 ug/l

RT: 14.064 min Scan# 2058

Delta R.T. 0.005 min

Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBS01

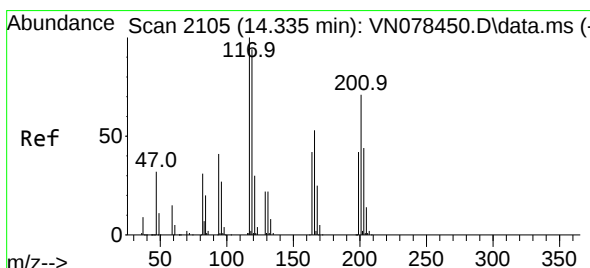
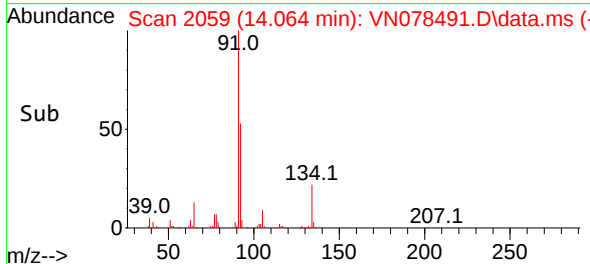
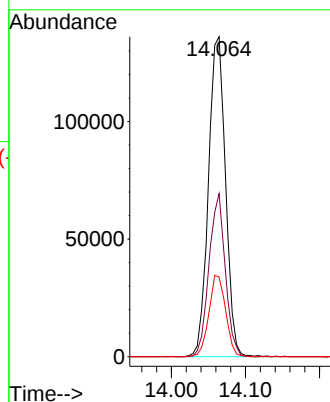
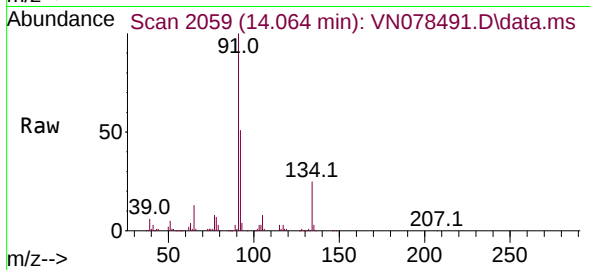
Tgt Ion: 91 Resp: 217620
 Ion Ratio Lower Upper
 91 100
 92 48.6 26.4 79.0
 134 25.0 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#90

Hexachloroethane

Concen: 18.856 ug/l

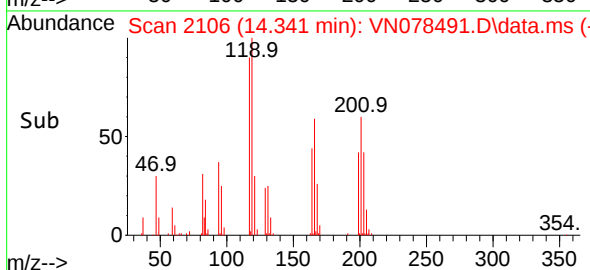
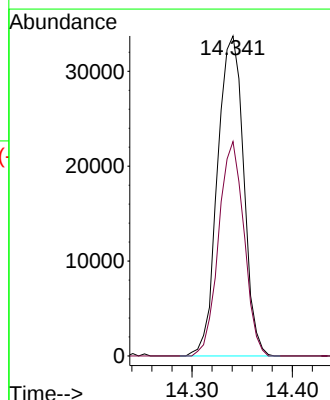
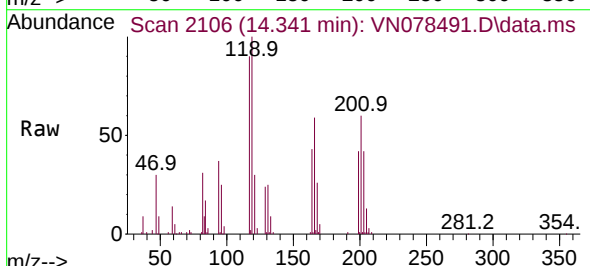
RT: 14.341 min Scan# 2106

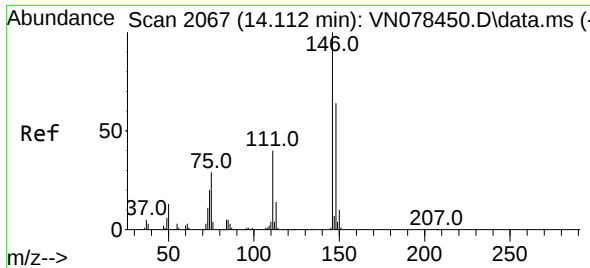
Delta R.T. 0.006 min

Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

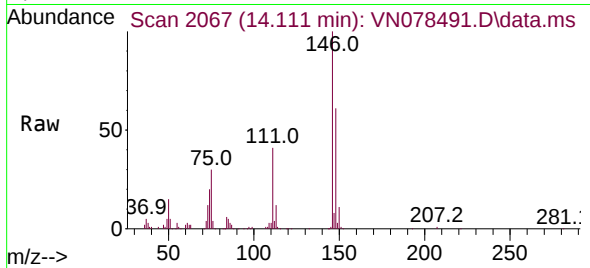
Tgt Ion:117 Resp: 61012
 Ion Ratio Lower Upper
 117 100
 201 65.0 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 18.126 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

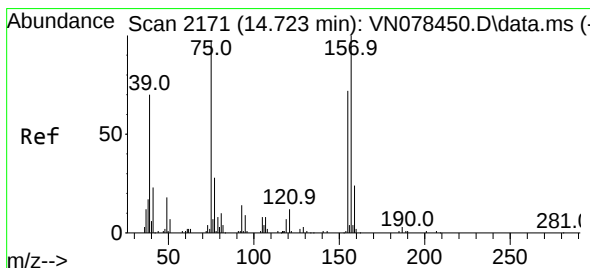
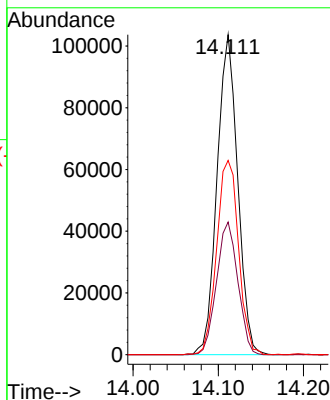
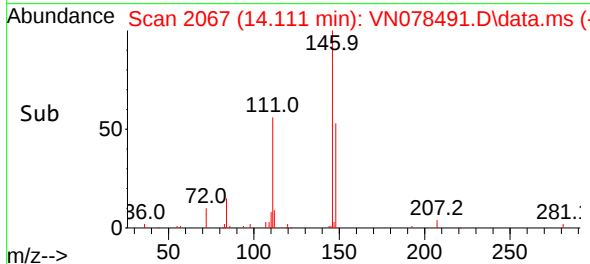
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



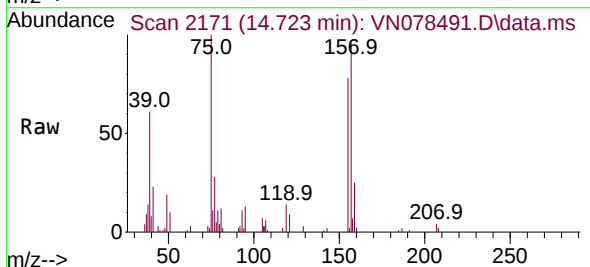
Tgt Ion:146 Resp: 17435
Ion Ratio Lower Upper
146 100
111 42.9 22.0 66.0
148 64.5 31.8 95.3

Manual Integrations
APPROVED

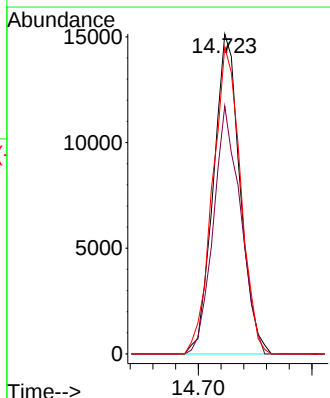
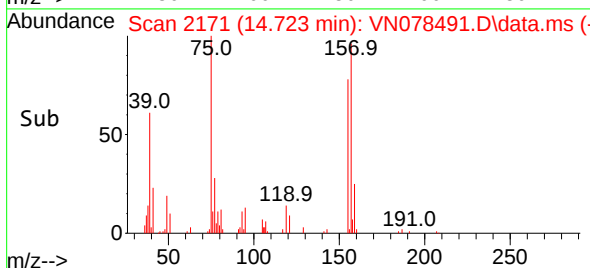
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

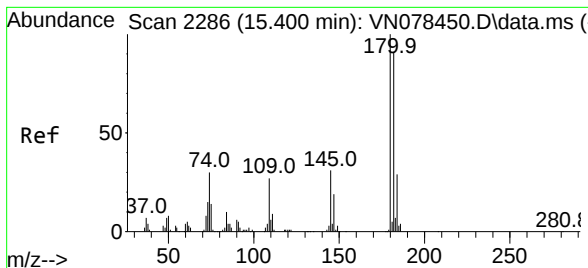


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.240 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55



Tgt Ion: 75 Resp: 24614
Ion Ratio Lower Upper
75 100
155 78.8 39.1 117.2
157 100.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 14.203 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0713WBS01

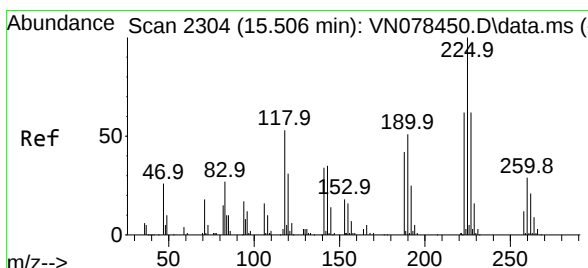
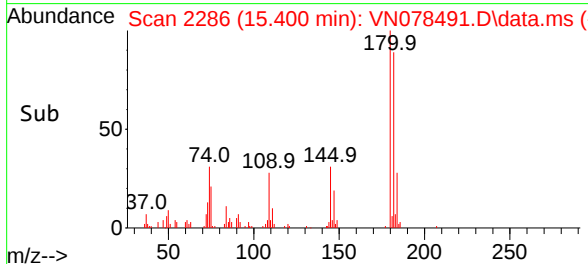
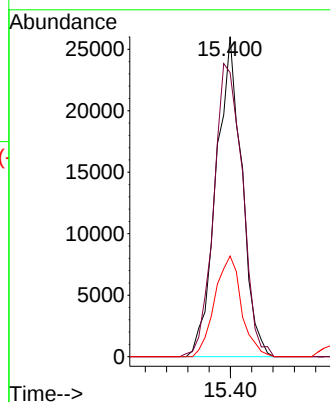
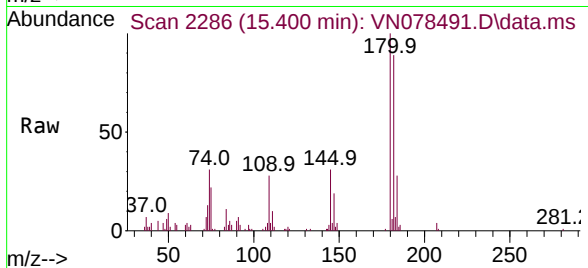
Tgt Ion:180	Resp:	4360
Ion Ratio	Lower	Upper
180	100	
182	101.6	46.1 138.2
145	32.6	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#94

Hexachlorobutadiene

Concen: 16.233 ug/l

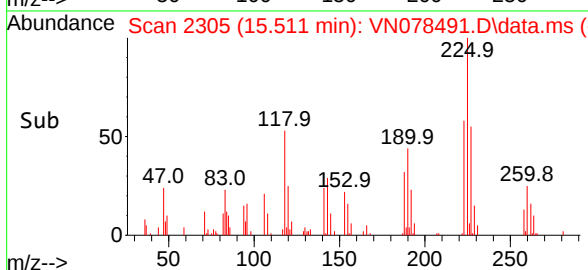
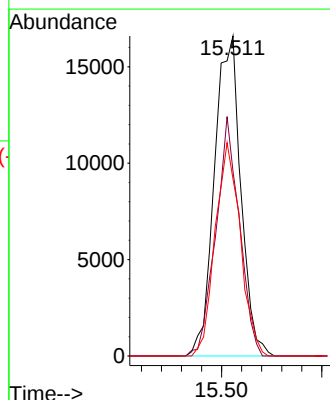
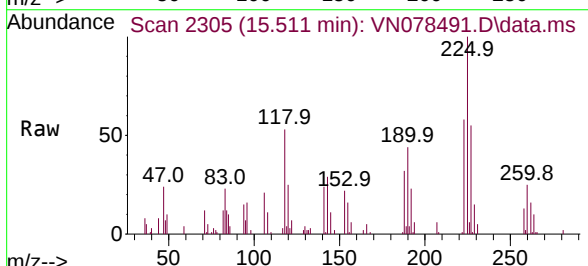
RT: 15.511 min Scan# 2305

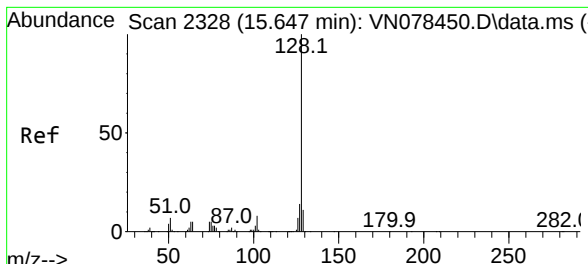
Delta R.T. 0.005 min

Lab File: VN078491.D

Acq: 13 Jul 2023 11:55

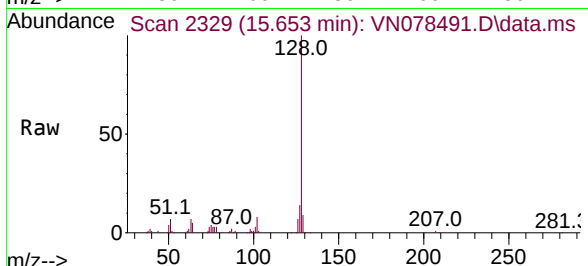
Tgt Ion:225	Resp:	30219
Ion Ratio	Lower	Upper
225	100	
223	67.0	31.3 93.8
227	63.6	31.9 95.9





#95
Naphthalene
Concen: 13.352 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55

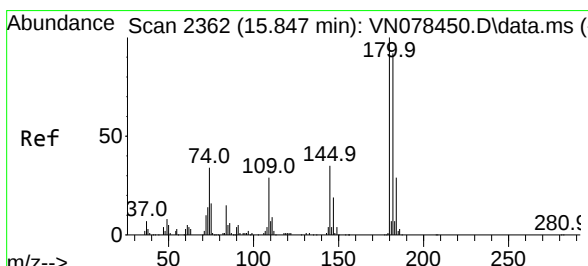
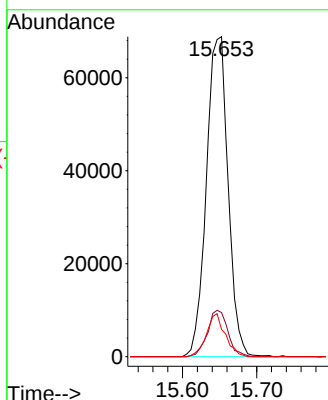
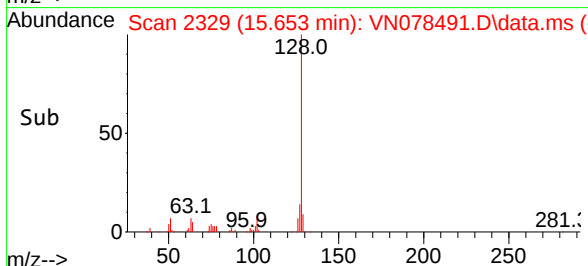
Instrument :
MSVOA_N
ClientSampleId :
VN0713WBS01



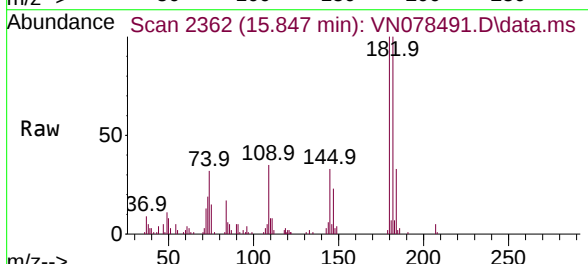
Tgt Ion:128 Resp: 14013
Ion Ratio Lower Upper
128 100
127 13.6 10.0 15.0
129 11.6 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 14.889 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078491.D
Acq: 13 Jul 2023 11:55



Tgt Ion:180 Resp: 52556
Ion Ratio Lower Upper
180 100
182 96.4 46.2 138.6
145 34.6 17.5 52.6

