

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072723\
 Data File : VN078662.D
 Acq On : 27 Jul 2023 16:07
 Operator : JC\MD
 Sample : VN0727WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

Quant Time: Jul 28 01:07:35 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

Manual Integrations APPROVED

Reviewed By : John Carlone 07/28/2023
 Supervised By : Semsettin Yesilyurt 07/28/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	440103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	760905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	679472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	263589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	305723	51.817	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.640%			
35) Dibromofluoromethane	8.171	113	276144	53.462	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.920%			
50) Toluene-d8	10.576	98	927964	47.557	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.120%			
62) 4-Bromofluorobenzene	12.853	95	299449	49.822	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	104790	19.420	ug/l	95
3) Chloromethane	2.371	50	143911	24.538	ug/l	96
4) Vinyl Chloride	2.518	62	161554	21.294	ug/l	100
5) Bromomethane	2.953	94	119067	22.031	ug/l	94
6) Chloroethane	3.118	64	128038	27.016	ug/l	95
7) Trichlorofluoromethane	3.494	101	172339	19.003	ug/l	100
8) Diethyl Ether	3.971	74	64580	21.373	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	93313	19.437	ug/l	94
10) Methyl Iodide	4.594	142	137250	20.805	ug/l #	95
11) Tert butyl alcohol	5.547	59	106452	117.005	ug/l	100
12) 1,1-Dichloroethene	4.353	96	89401	19.251	ug/l	99
13) Acrolein	4.194	56	88968	99.392	ug/l	90
14) Allyl chloride	5.030	41	114517	18.047	ug/l	95
15) Acrylonitrile	5.730	53	258256	112.347	ug/l	98
16) Acetone	4.441	43	200537	109.114	ug/l	99
17) Carbon Disulfide	4.724	76	238221	17.740	ug/l	100
18) Methyl Acetate	5.047	43	172647	22.191	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	332426	21.726	ug/l	96
20) Methylene Chloride	5.288	84	121238	22.321	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	105274	20.117	ug/l	94
22) Diisopropyl ether	6.683	45	312318	21.981	ug/l	94
23) Vinyl Acetate	6.618	43	982209	108.736	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	194997	20.367	ug/l	98
25) 2-Butanone	7.494	43	329955	114.051	ug/l #	83
26) 2,2-Dichloropropane	7.500	77	134943	17.232	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	126734	20.935	ug/l	96
28) Bromochloromethane	7.824	49	95968	21.281	ug/l	98
29) Tetrahydrofuran	7.853	42	212870	112.136	ug/l	85
30) Chloroform	7.977	83	214696	21.539	ug/l	94
31) Cyclohexane	8.265	56	145450	18.241	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	180326	20.178	ug/l	98
36) 1,1-Dichloropropene	8.382	75	141554	18.980	ug/l	97
37) Ethyl Acetate	7.571	43	141245	22.718	ug/l #	93
38) Carbon Tetrachloride	8.377	117	159649	19.696	ug/l	88
39) Methylcyclohexane	9.606	83	127153	18.678	ug/l	92
40) Benzene	8.612	78	461463	20.885	ug/l	100

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 Supervised By :Semsettin Yesilyurt 07/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	72032	22.727	ug/l	91
42) 1,2-Dichloroethane	8.677	62	164326	21.865	ug/l	98
43) Isopropyl Acetate	8.700	43	241766	23.619	ug/l #	93
44) Trichloroethene	9.359	130	118608	19.917	ug/l	94
45) 1,2-Dichloropropane	9.629	63	118906	21.248	ug/l	92
46) Dibromomethane	9.718	93	88086	22.364	ug/l	93
47) Bromodichloromethane	9.894	83	170608	21.608	ug/l	99
48) Methyl methacrylate	9.688	41	102585	21.632	ug/l	91
49) 1,4-Dioxane	9.706	88	48529	469.249	ug/l #	94
51) 4-Methyl-2-Pentanone	10.453	43	701251	115.177	ug/l	93
52) Toluene	10.641	92	282151	20.604	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	169123	20.909	ug/l	96
54) cis-1,3-Dichloropropene	10.323	75	187258	21.718	ug/l	93
55) 1,1,2-Trichloroethane	11.023	97	123637	22.915	ug/l	97
56) Ethyl methacrylate	10.882	69	167723	22.238	ug/l	93
57) 1,3-Dichloropropane	11.170	76	197069	21.481	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	261801	97.402	ug/l	92
59) 2-Hexanone	11.200	43	499708	115.483	ug/l	91
60) Dibromochloromethane	11.365	129	131833	22.133	ug/l	99
61) 1,2-Dibromoethane	11.476	107	125475	22.575	ug/l	99
64) Tetrachloroethene	11.112	164	97449	19.076	ug/l	95
65) Chlorobenzene	11.900	112	303384	19.976	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	119922	20.525	ug/l	99
67) Ethyl Benzene	11.970	91	517425	20.155	ug/l	95
68) m/p-Xylenes	12.076	106	390669	41.158	ug/l	100
69) o-Xylene	12.406	106	191860	20.012	ug/l	97
70) Styrene	12.417	104	311559	20.772	ug/l	99
71) Bromoform	12.588	173	87960	22.229	ug/l #	99
73) Isopropylbenzene	12.700	105	457617	18.476	ug/l	98
74) N-amyl acetate	12.500	43	175401	20.550	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	171240	23.086	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	141311m	22.179	ug/l	
77) Bromobenzene	12.988	156	121616	21.705	ug/l	93
78) n-propylbenzene	13.041	91	505223	19.074	ug/l	99
79) 2-Chlorotoluene	13.129	91	331249	19.092	ug/l	96
80) 1,3,5-Trimethylbenzene	13.182	105	371505	18.984	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	52201	21.530	ug/l #	92
82) 4-Chlorotoluene	13.229	91	312850	19.329	ug/l	96
83) tert-Butylbenzene	13.447	119	309604	18.634	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	362573	19.074	ug/l	97
85) sec-Butylbenzene	13.623	105	397154	18.911	ug/l	98
86) p-Isopropyltoluene	13.735	119	315688	18.721	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	187112	19.679	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	182668	19.073	ug/l	99
89) n-Butylbenzene	14.064	91	226972	18.811	ug/l	98
90) Hexachloroethane	14.341	117	63543	20.012	ug/l	79
91) 1,2-Dichlorobenzene	14.111	146	188080	19.876	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27017	21.698	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	50340	16.669	ug/l	98
94) Hexachlorobutadiene	15.505	225	36243	20.780	ug/l	95
95) Naphthalene	15.647	128	154836	14.997	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	61482	17.705	ug/l	95

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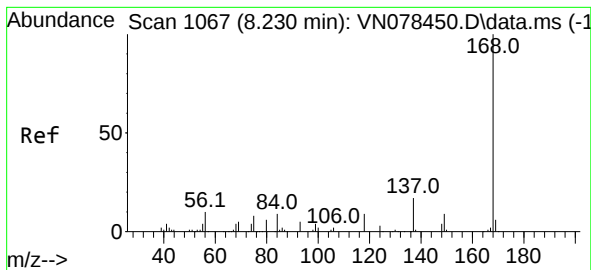
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

Quant Time: Jul 28 01:07:35 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

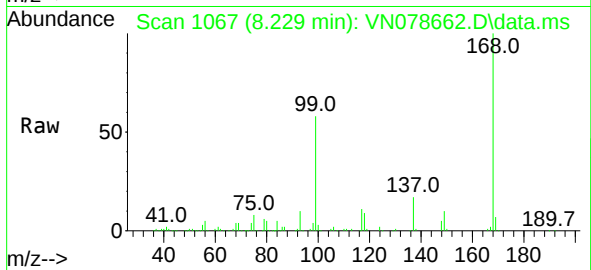
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

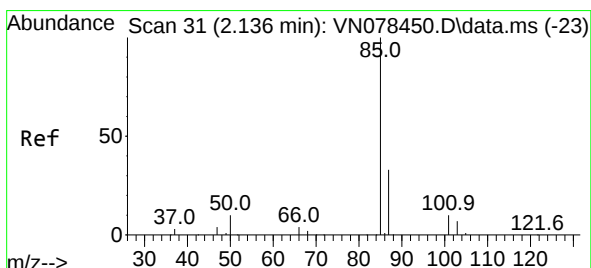
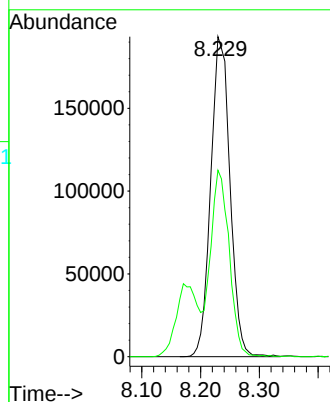
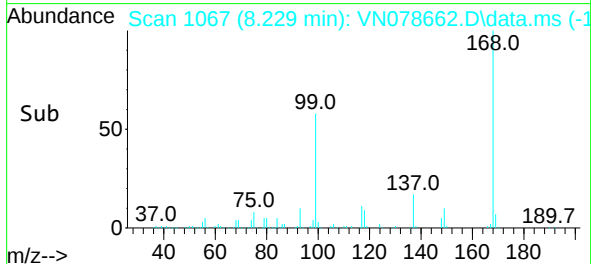
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion:168 Resp: 44010
Ion Ratio Lower Upper
168 100
99 58.1 53.0 79.6

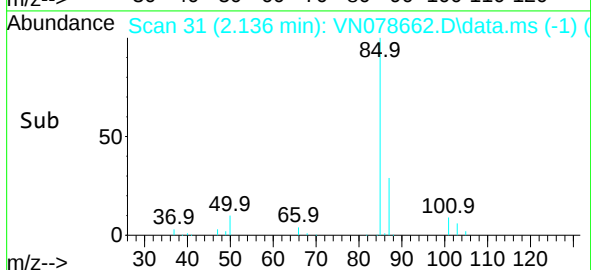
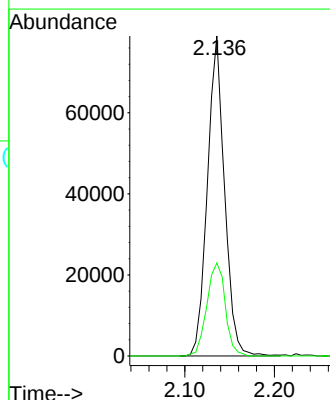
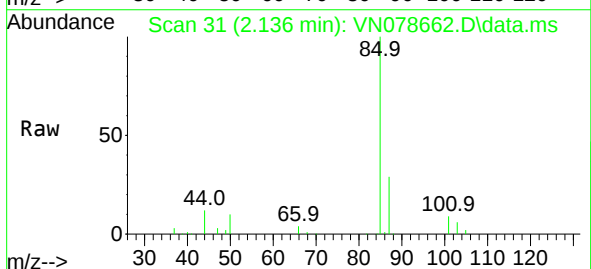
Manual Integrations
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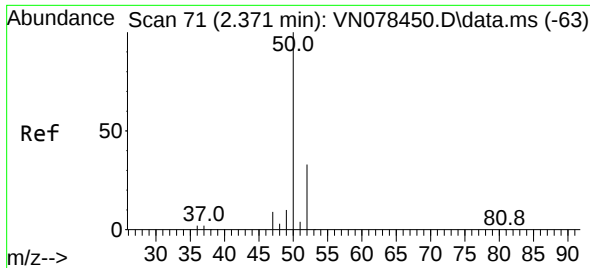
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#2
Dichlorodifluoromethane
Concen: 19.420 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

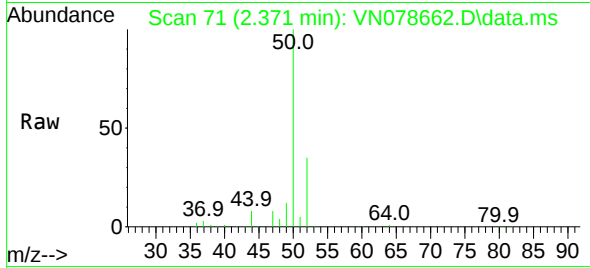
Tgt Ion: 85 Resp: 104790
Ion Ratio Lower Upper
85 100
87 29.0 15.8 47.4





#3
Chloromethane
Concen: 24.538 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

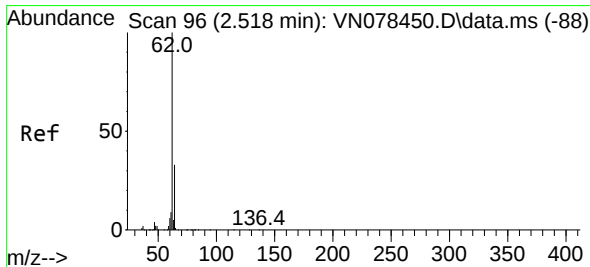
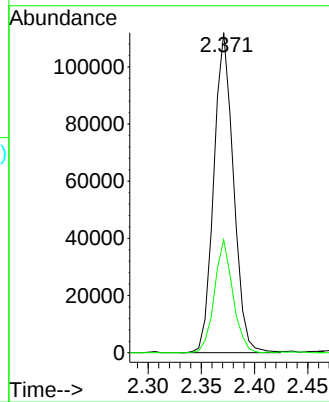
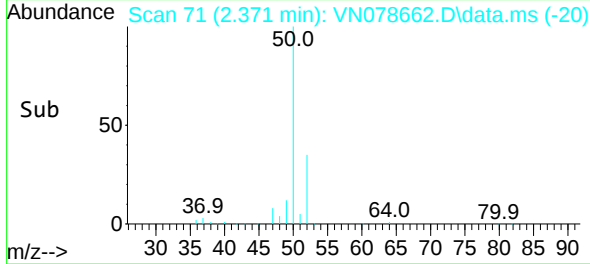
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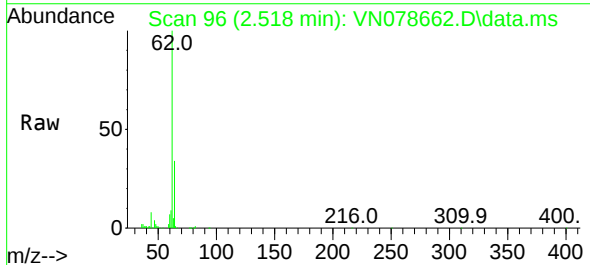
Tgt Ion: 50 Resp: 14391
Ion Ratio Lower Upper
50 100
52 35.3 26.5 39.7

Manual Integrations
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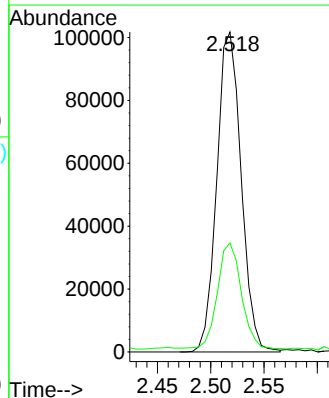
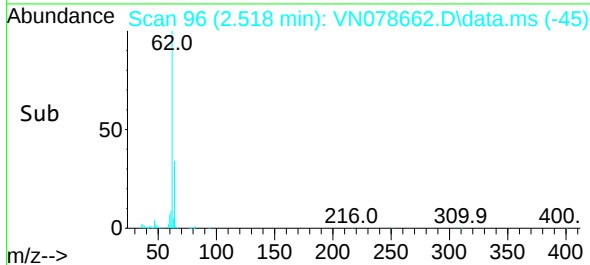
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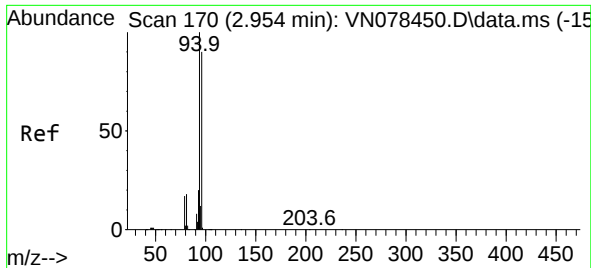


#4
Vinyl Chloride
Concen: 21.294 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07



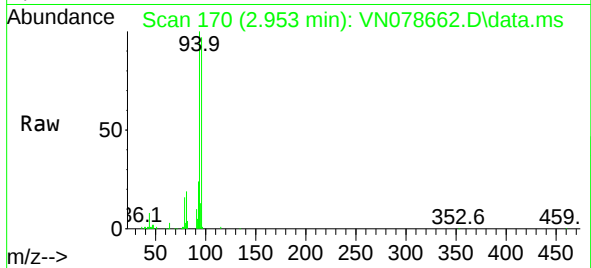
Tgt Ion: 62 Resp: 161554
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.2





#5
Bromomethane
Concen: 22.031 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

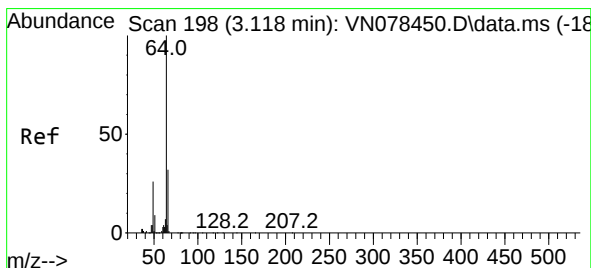
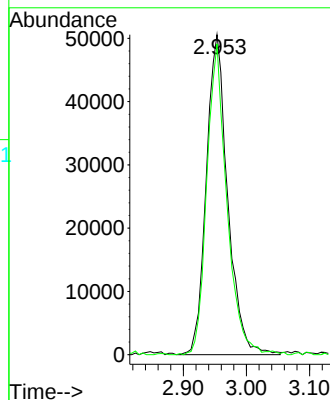
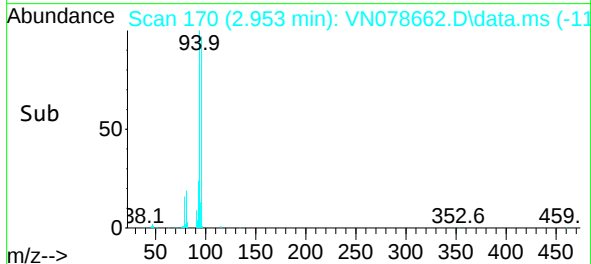
Instrument :
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Tgt Ion: 94 Resp: 11906
Ion Ratio Lower Upper
94 100
96 96.8 73.1 109.7

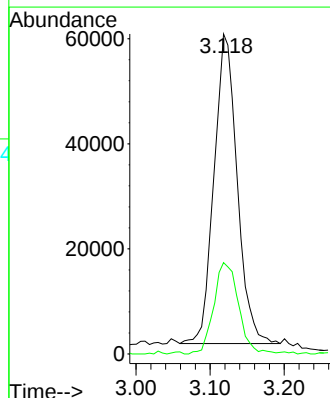
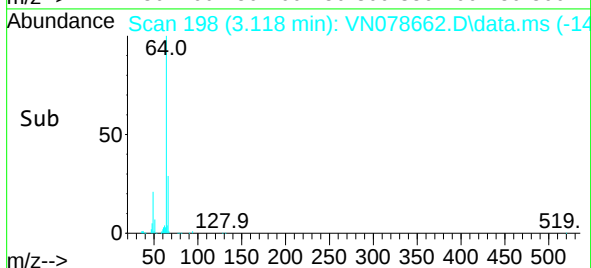
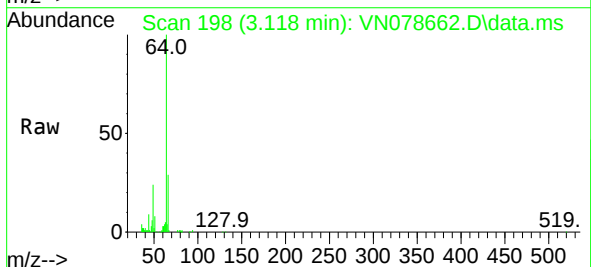
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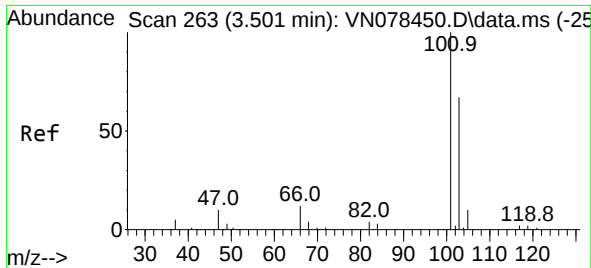
Reviewed By :John Carlone 07/28/2023
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#6
Chloroethane
Concen: 27.016 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

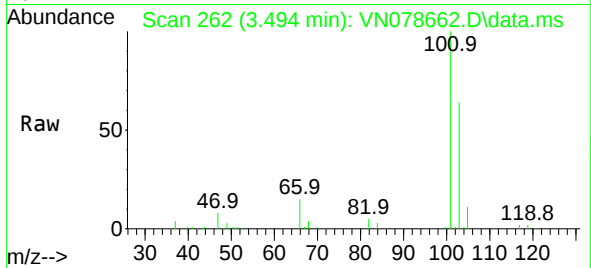
Tgt Ion: 64 Resp: 128038
Ion Ratio Lower Upper
64 100
66 29.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 19.003 ug/l
RT: 3.494 min Scan# 262
Delta R.T. -0.007 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

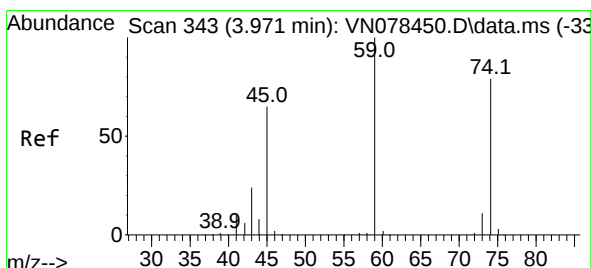
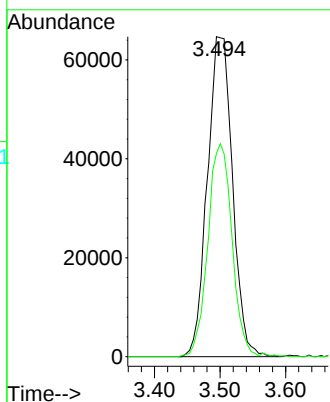
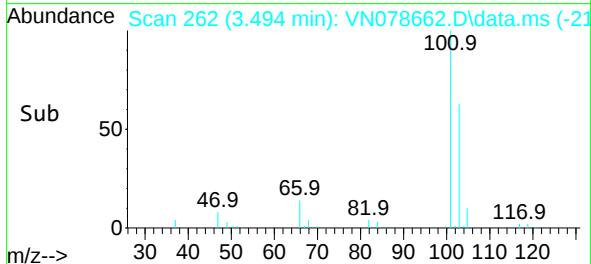
Instrument :
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ClientSampleId :
VN0727WBS01



Tgt Ion:101 Resp: 172339
Ion Ratio Lower Upper
101 100
103 63.5 50.7 76.1

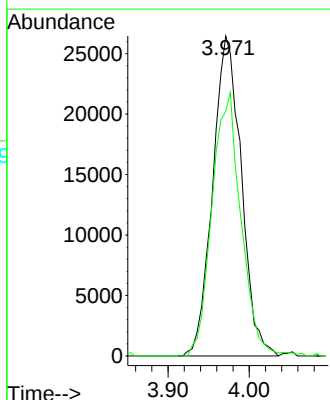
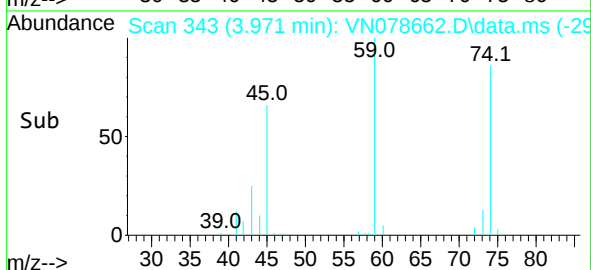
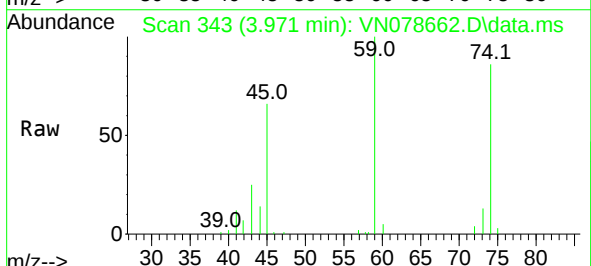
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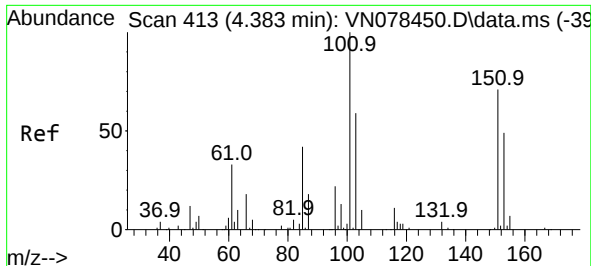
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#8
Diethyl Ether
Concen: 21.373 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

Tgt Ion: 74 Resp: 64580
Ion Ratio Lower Upper
74 100
45 83.7 34.4 103.3





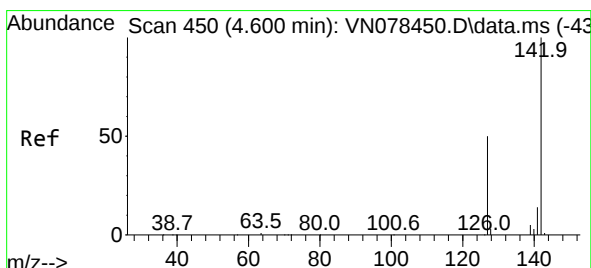
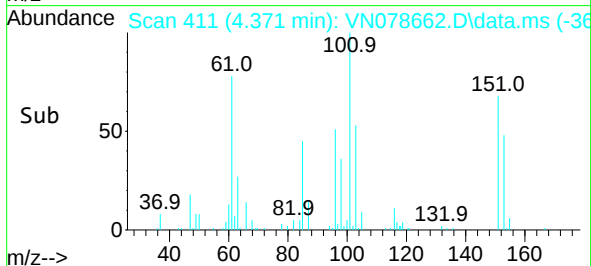
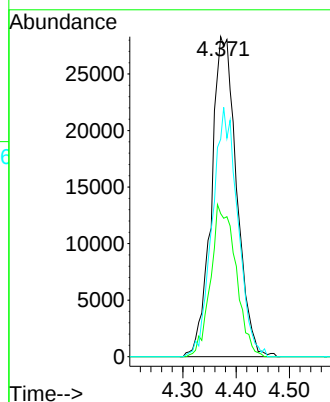
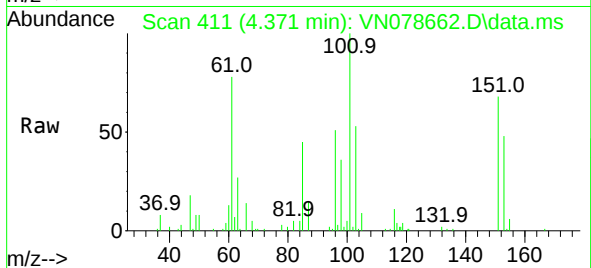
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.437 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

Tgt Ion:101 Resp: 9331
Ion Ratio Lower Upper
101 100
85 47.2 36.6 55.0
151 78.5 57.6 86.4

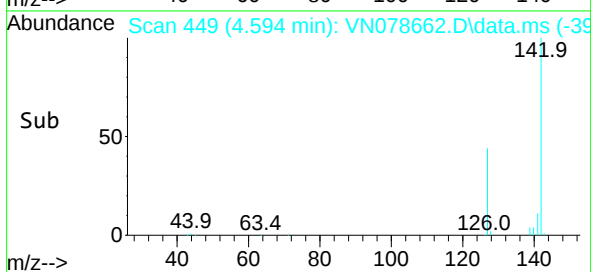
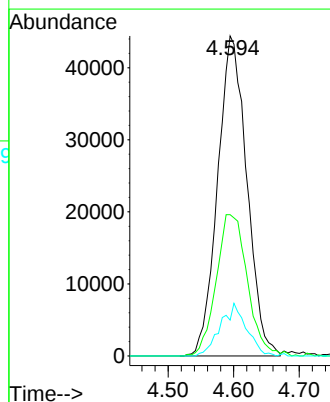
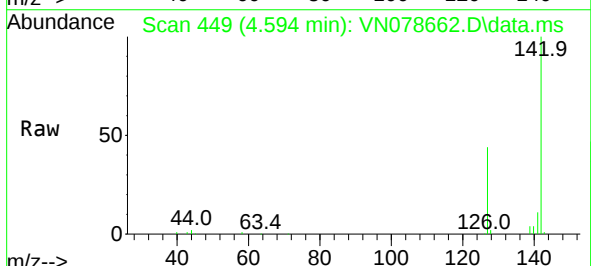
Manual Integrations
APPROVED

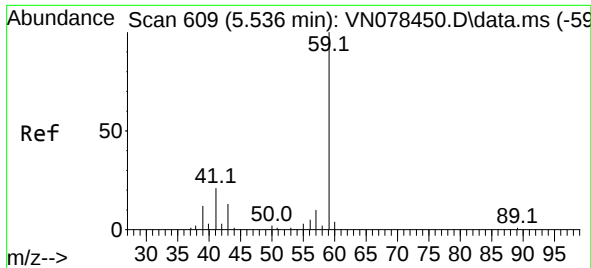
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#10
Methyl Iodide
Concen: 20.805 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

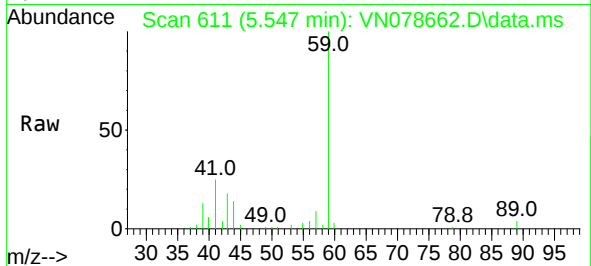
Tgt Ion:142 Resp: 137250
Ion Ratio Lower Upper
142 100
127 44.1 37.6 56.4
141 11.2 11.4 17.0#





#11
Tert butyl alcohol
Concen: 117.005 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.011 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

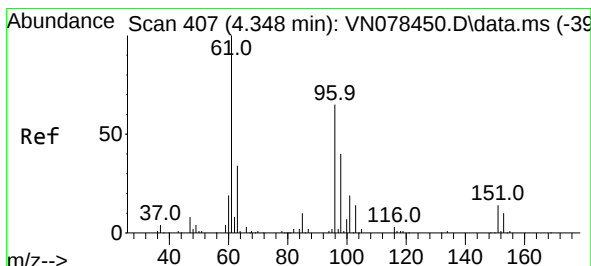
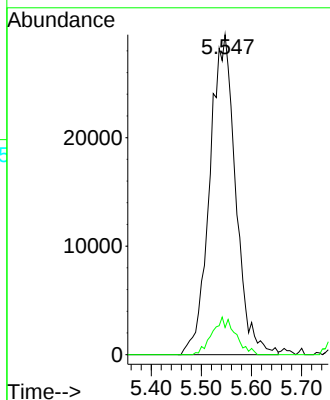
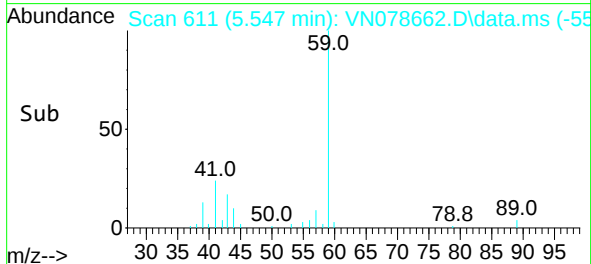
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion: 59 Resp: 106452
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

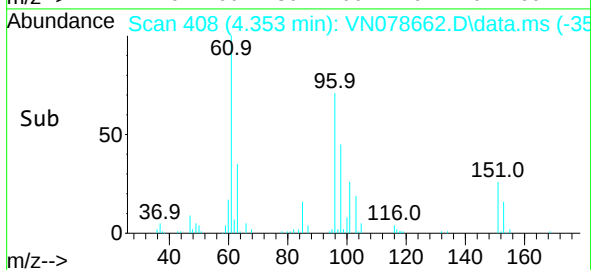
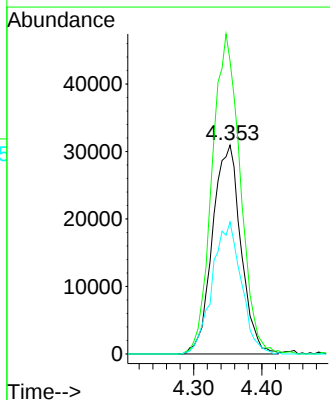
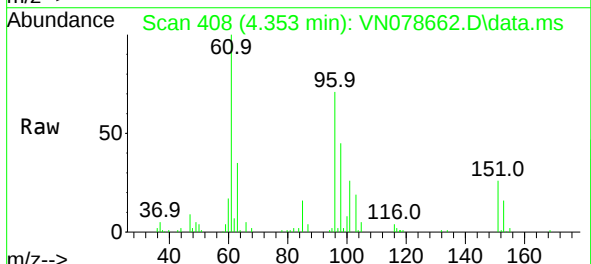
Manual Integrations
APPROVED

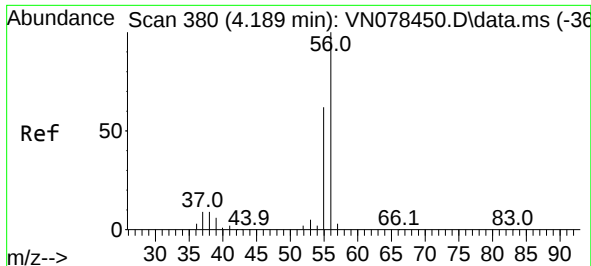
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#12
1,1-Dichloroethene
Concen: 19.251 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

Tgt Ion: 96 Resp: 89401
Ion Ratio Lower Upper
96 100
61 140.4 112.7 169.1
98 63.3 51.2 76.8





#13

Acrolein

Concen: 99.392 ug/l

RT: 4.194 min Scan# 381

Delta R.T. 0.005 min

Lab File: VN078662.D

Acq: 27 Jul 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

Tgt Ion: 56 Resp: 88968

Ion Ratio Lower Upper

56 100

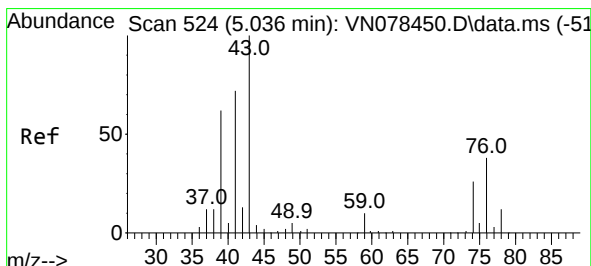
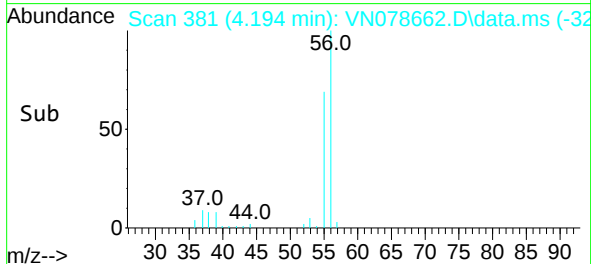
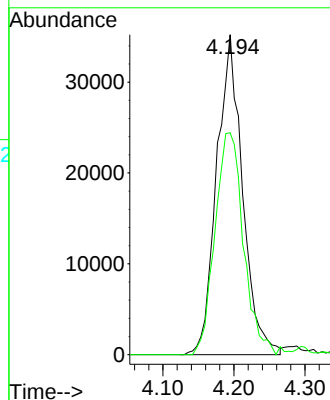
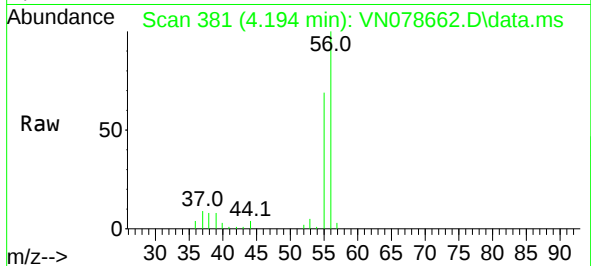
55 76.1 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#14

Allyl chloride

Concen: 18.047 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.006 min

Lab File: VN078662.D

Acq: 27 Jul 2023 16:07

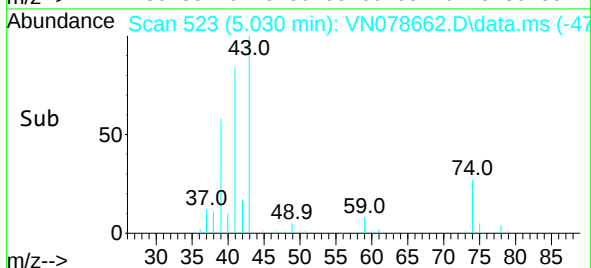
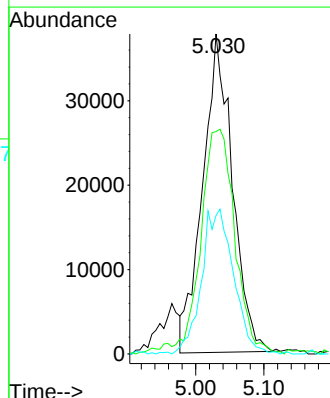
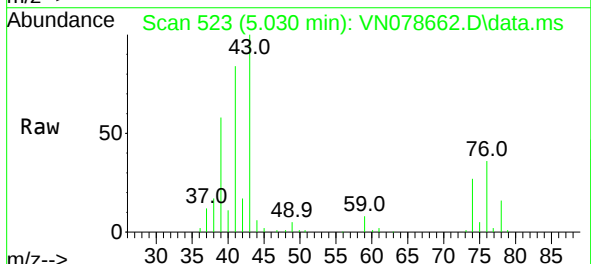
Tgt Ion: 41 Resp: 114517

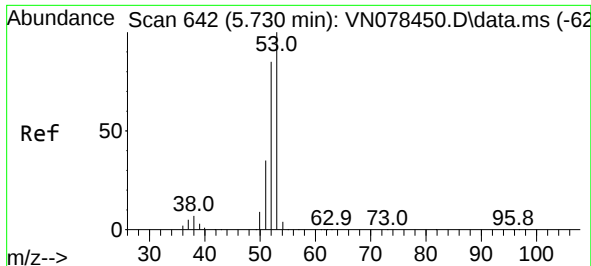
Ion Ratio Lower Upper

41 100

39 80.1 58.8 88.2

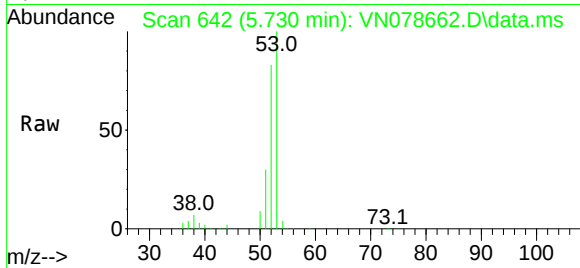
76 48.9 39.1 58.7





#15
Acrylonitrile
Concen: 112.347 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

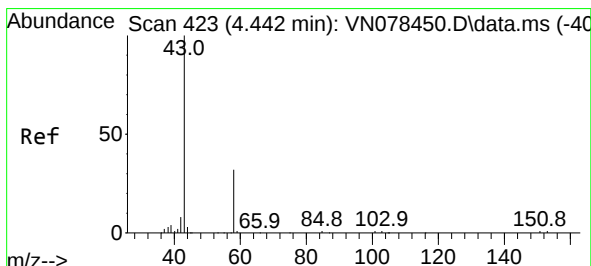
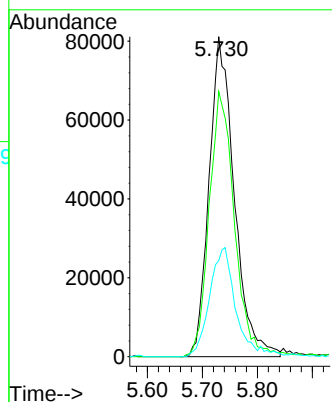
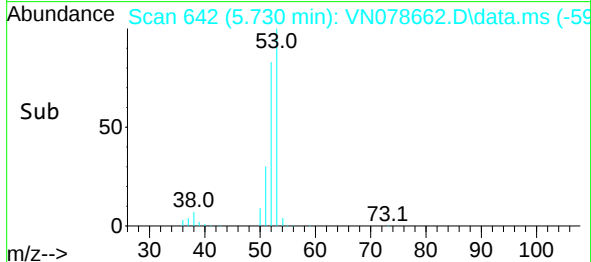
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



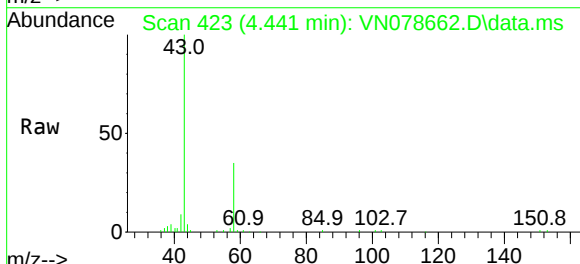
Tgt Ion: 53 Resp: 258250
Ion Ratio Lower Upper
53 100
52 83.3 65.3 97.9
51 35.5 28.9 43.3

Manual Integrations
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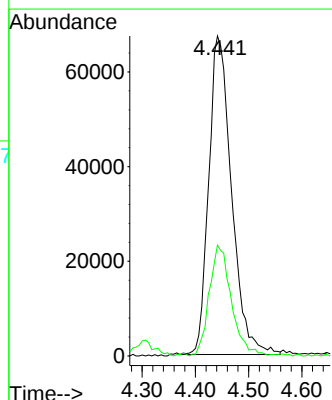
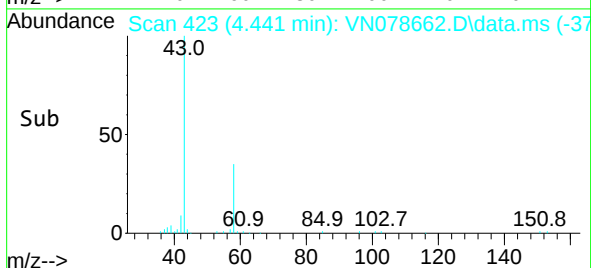
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

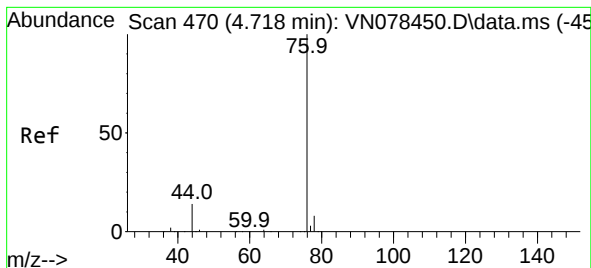


#16
Acetone
Concen: 109.114 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07



Tgt Ion: 43 Resp: 200537
Ion Ratio Lower Upper
43 100
58 34.4 28.0 42.0





#17

Carbon Disulfide

Concen: 17.740 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.006 min

Lab File: VN078662.D

Acq: 27 Jul 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

Tgt Ion: 76 Resp: 23822

Ion Ratio Lower Upper

76 100

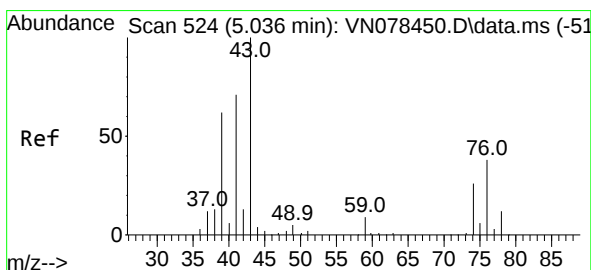
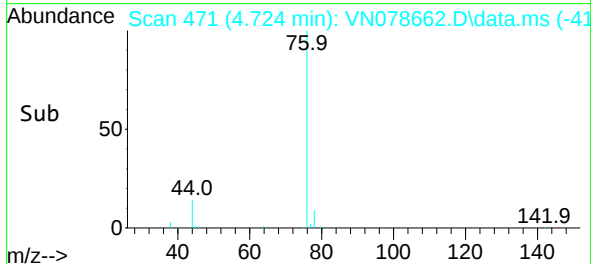
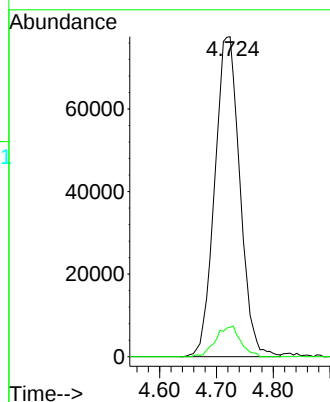
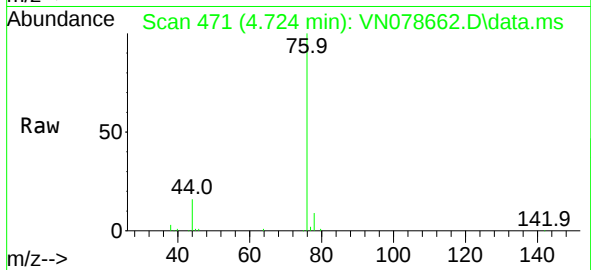
78 9.2 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#18

Methyl Acetate

Concen: 22.191 ug/l

RT: 5.047 min Scan# 526

Delta R.T. 0.011 min

Lab File: VN078662.D

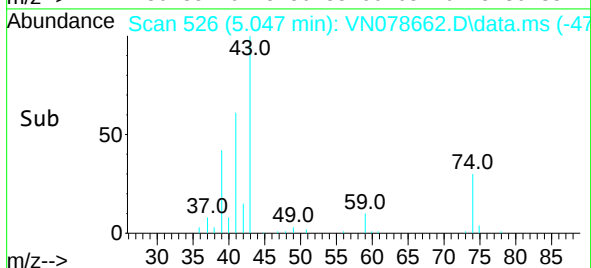
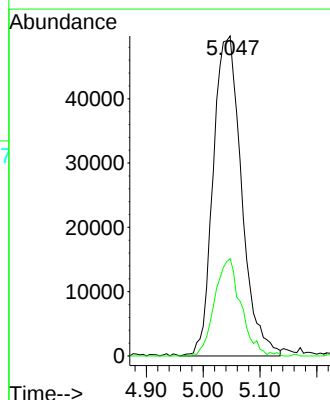
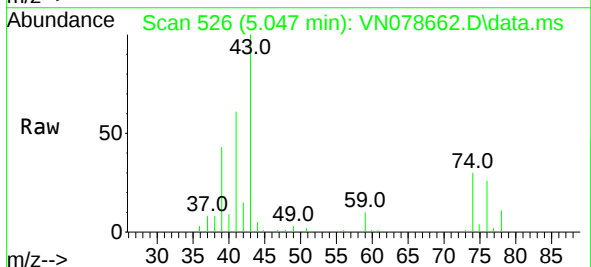
Acq: 27 Jul 2023 16:07

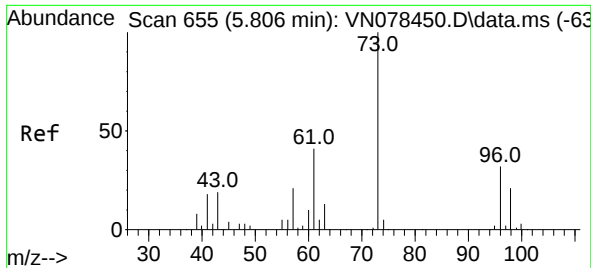
Tgt Ion: 43 Resp: 172647

Ion Ratio Lower Upper

43 100

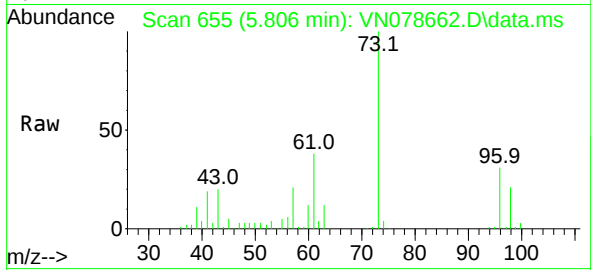
74 28.3 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 21.726 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

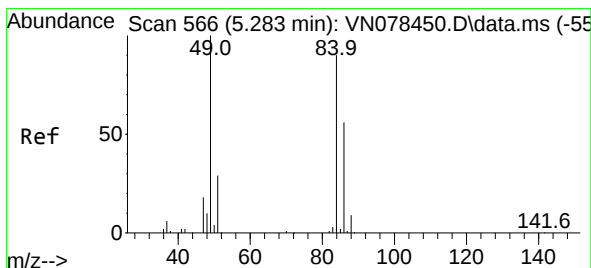
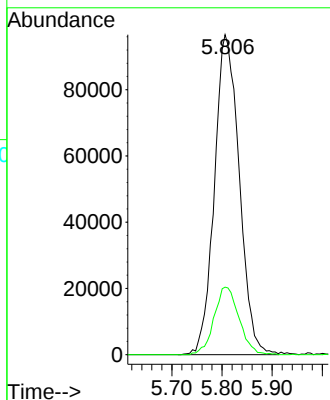
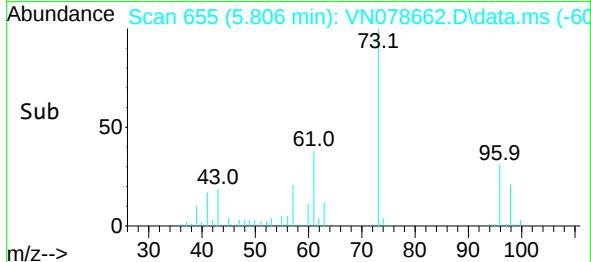
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



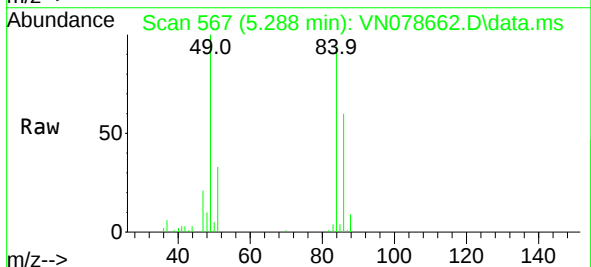
Tgt Ion: 73 Resp: 332420
Ion Ratio Lower Upper
73 100
57 21.1 15.6 23.4

Manual Integrations
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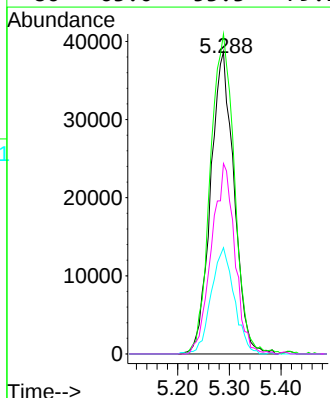
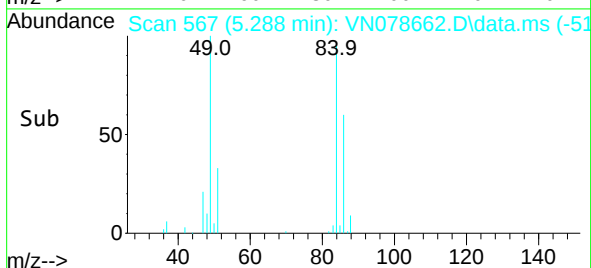
Reviewed By :John Carbone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

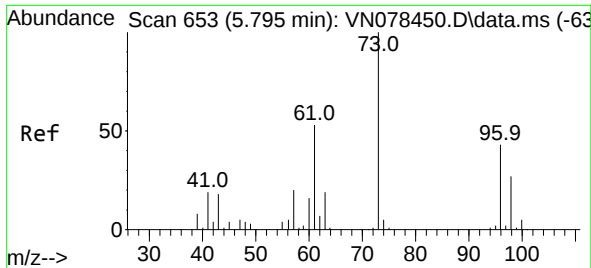


#20
Methylene Chloride
Concen: 22.321 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07



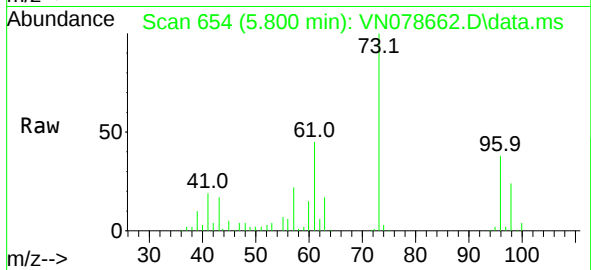
Tgt Ion: 84 Resp: 121238
Ion Ratio Lower Upper
84 100
49 105.9 79.7 119.5
51 35.2 25.2 37.8
86 63.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 20.117 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

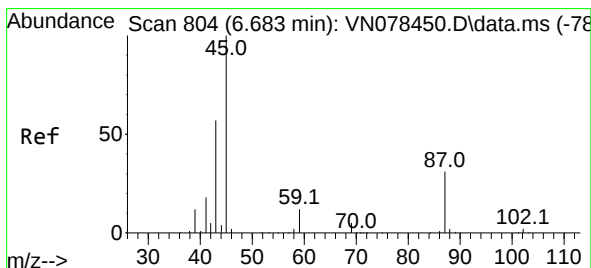
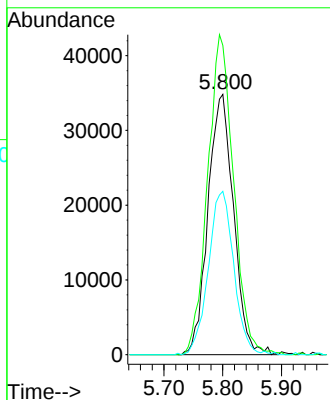
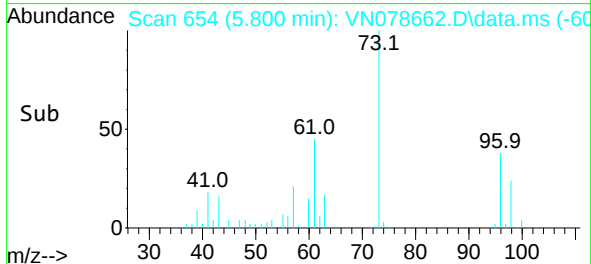
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



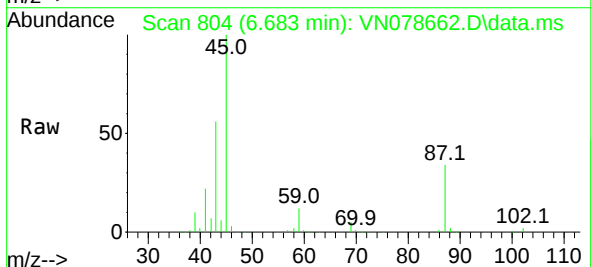
Tgt Ion: 96 Resp: 105274
Ion Ratio Lower Upper
96 100
61 118.8 90.1 135.1
98 62.8 46.4 69.6

Manual Integrations
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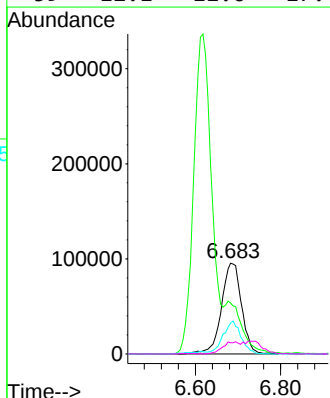
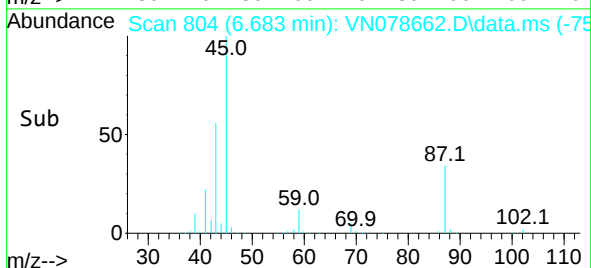
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

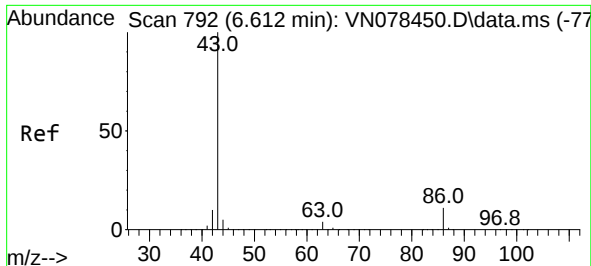


#22
Diisopropyl ether
Concen: 21.981 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07



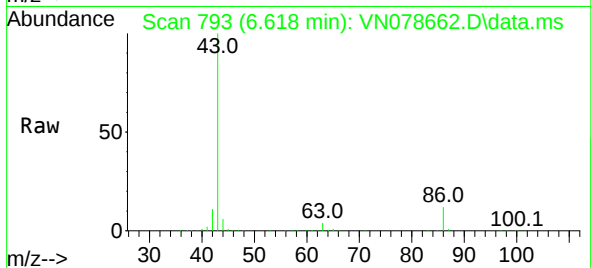
Tgt Ion: 45 Resp: 312318
Ion Ratio Lower Upper
45 100
43 54.8 45.5 68.3
87 33.8 31.8 47.8
59 12.1 11.6 17.4





#23
 Vinyl Acetate
 Concen: 108.736 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078662.D
 Acq: 27 Jul 2023 16:07

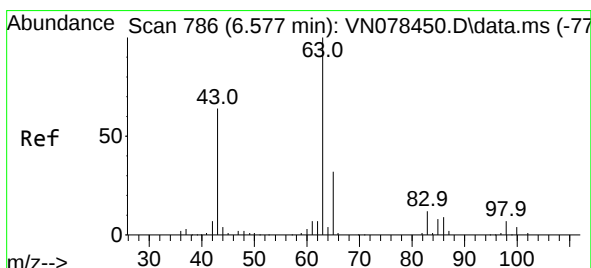
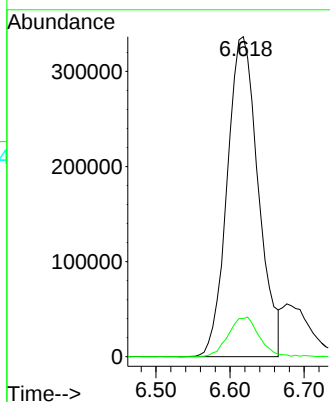
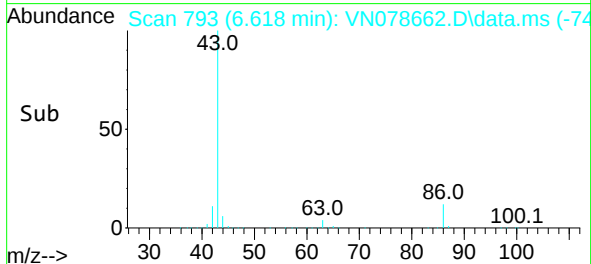
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01



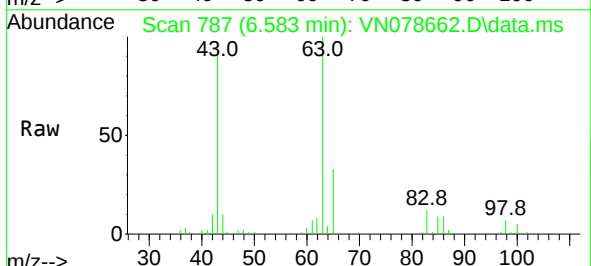
Tgt Ion: 43 Resp: 982209
 Ion Ratio Lower Upper
 43 100
 86 11.9 13.0 19.6

Manual Integrations
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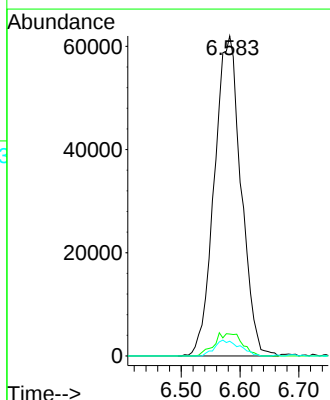
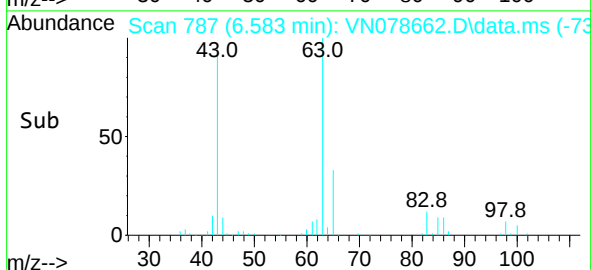
Reviewed By :John Carlone 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023

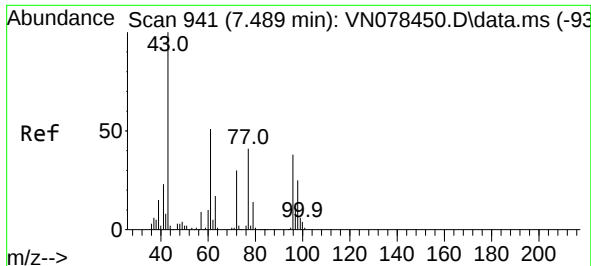


#24
 1,1-Dichloroethane
 Concen: 20.367 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078662.D
 Acq: 27 Jul 2023 16:07



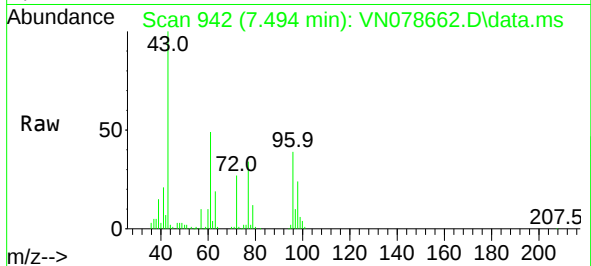
Tgt Ion: 63 Resp: 194997
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.6 2.5 7.4





#25
2-Butanone
Concen: 114.051 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

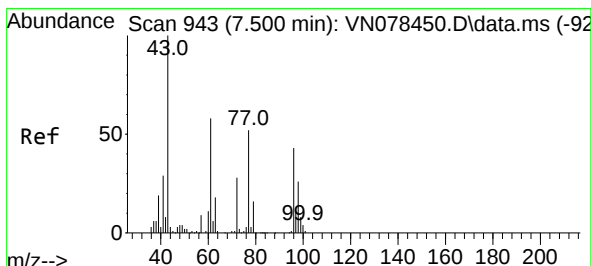
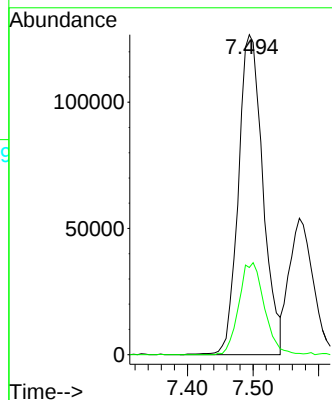
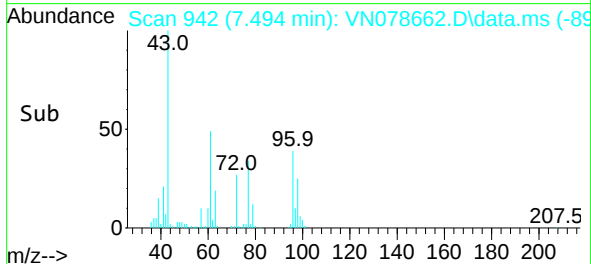
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion: 43 Resp: 32995
Ion Ratio Lower Upper
43 100
72 27.2 30.2 45.2

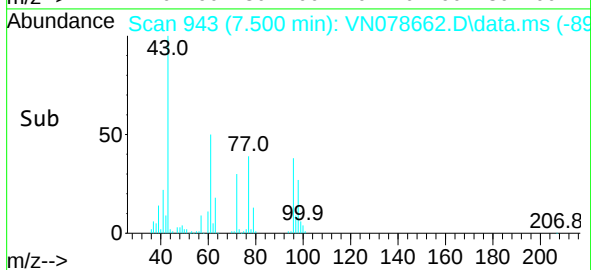
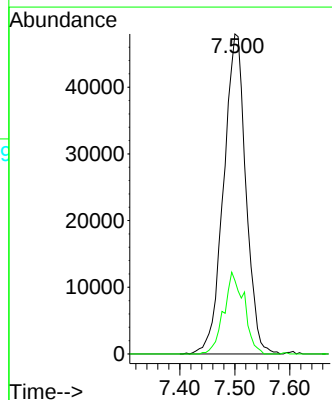
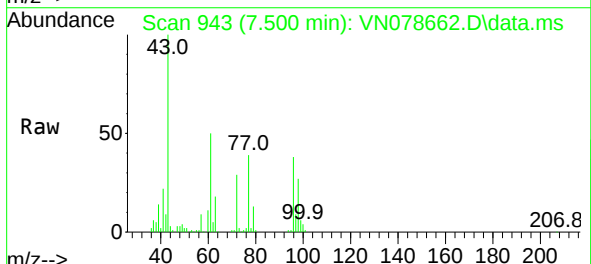
Manual Integrations
APPROVED

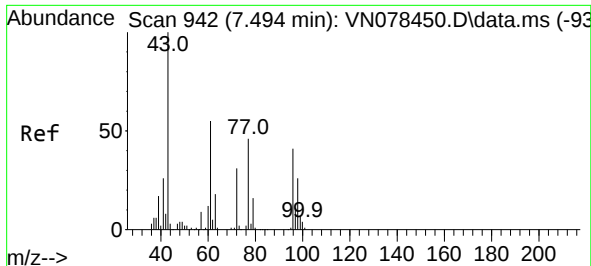
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#26
2,2-Dichloropropane
Concen: 17.232 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

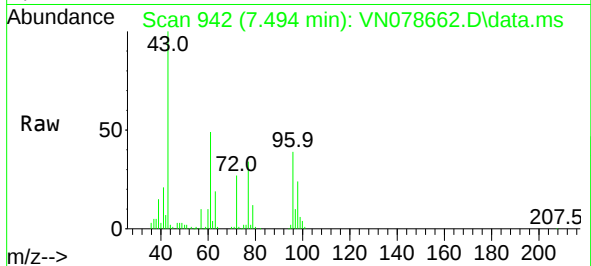
Tgt Ion: 77 Resp: 134943
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.935 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078662.D
 Acq: 27 Jul 2023 16:07

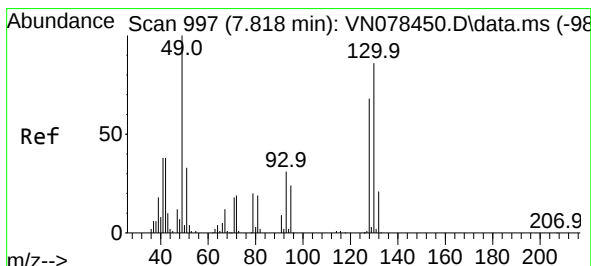
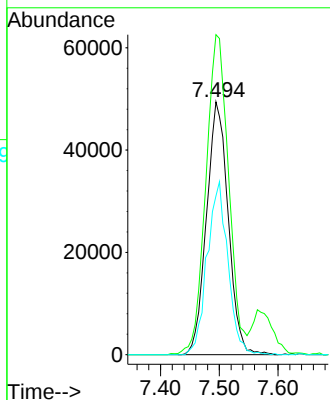
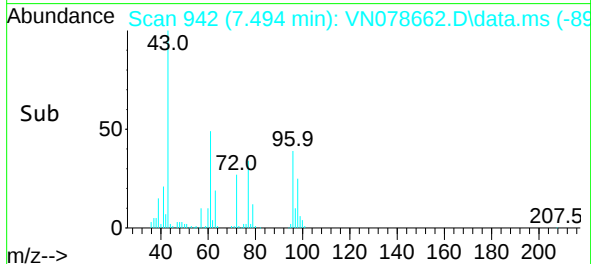
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01



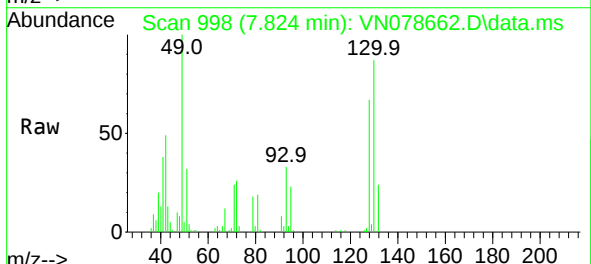
Tgt Ion: 96 Resp: 126734
 Ion Ratio Lower Upper
 96 100
 61 132.9 0.0 255.2
 98 65.5 0.0 128.8

Manual Integrations
 APPROVED

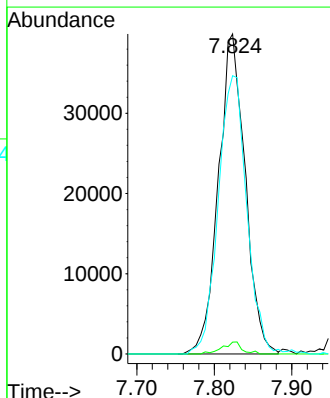
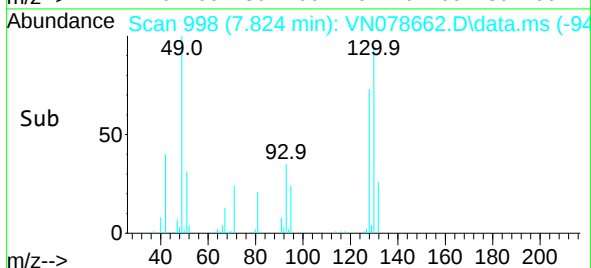
Reviewed By :John Carlone 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023

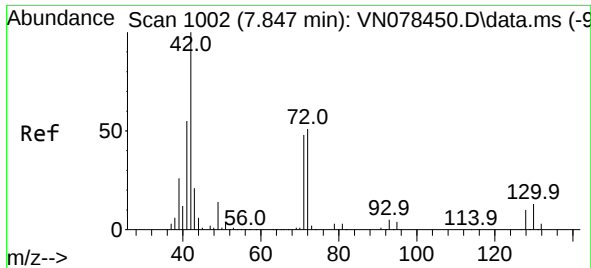


#28
 Bromochloromethane
 Concen: 21.281 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078662.D
 Acq: 27 Jul 2023 16:07



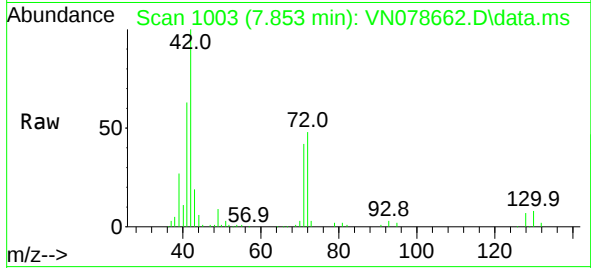
Tgt Ion: 49 Resp: 95968
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.8
 130 92.3 75.3 112.9





#29
Tetrahydrofuran
Concen: 112.136 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

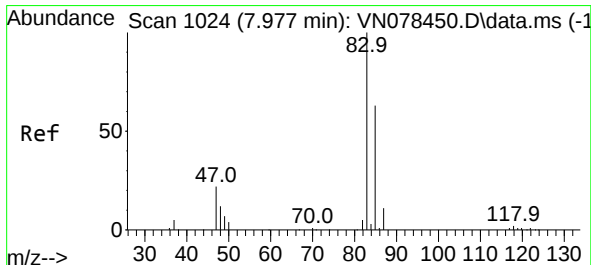
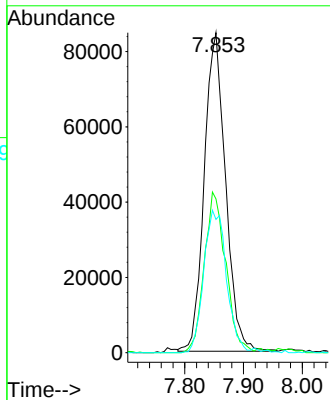
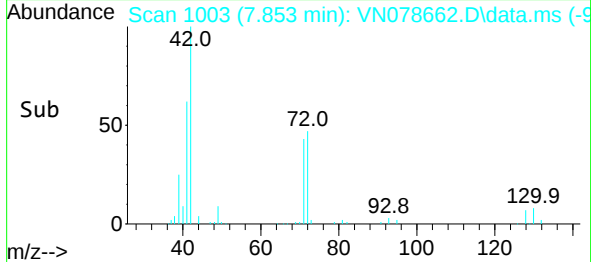
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion: 42 Resp: 212870
Ion Ratio Lower Upper
42 100
72 50.9 49.8 74.6
71 47.6 47.4 71.2

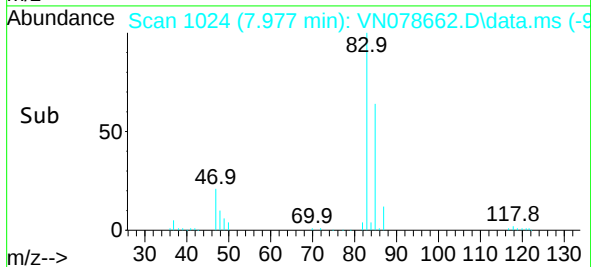
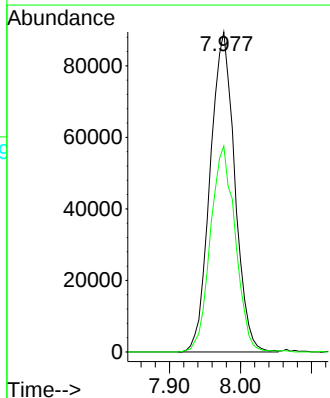
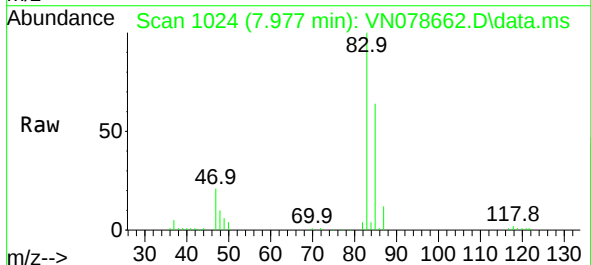
Manual Integrations
APPROVED

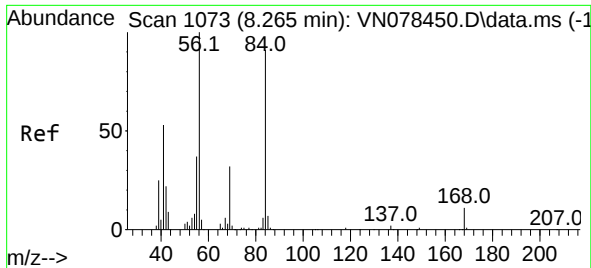
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#30
Chloroform
Concen: 21.539 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

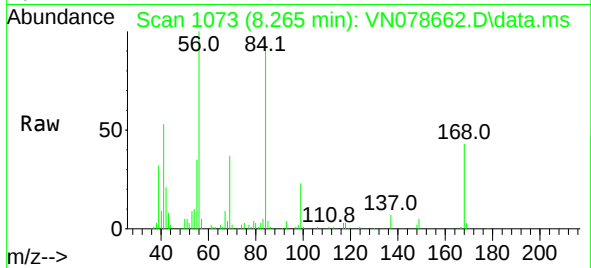
Tgt Ion: 83 Resp: 214696
Ion Ratio Lower Upper
83 100
85 64.3 55.4 83.0





#31
Cyclohexane
Concen: 18.241 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

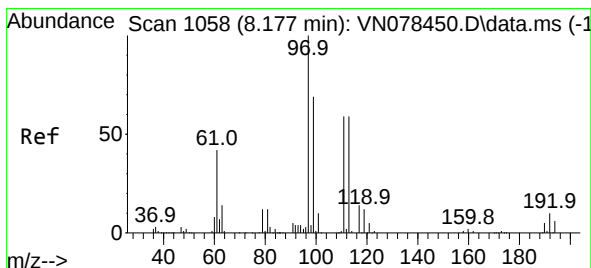
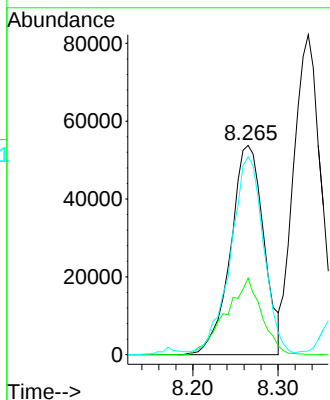
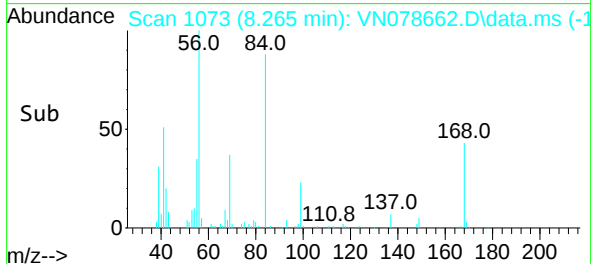
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



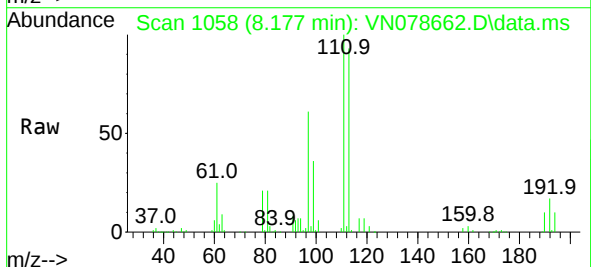
Tgt Ion: 56 Resp: 145450
Ion Ratio Lower Upper
56 100
69 36.5 26.8 40.2
84 92.8 81.8 122.6

Manual Integrations
APPROVED

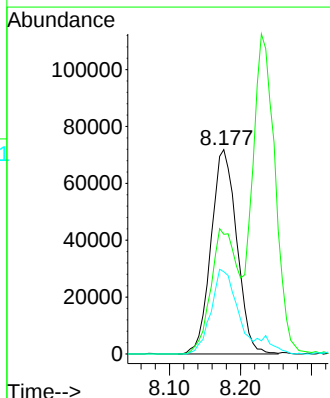
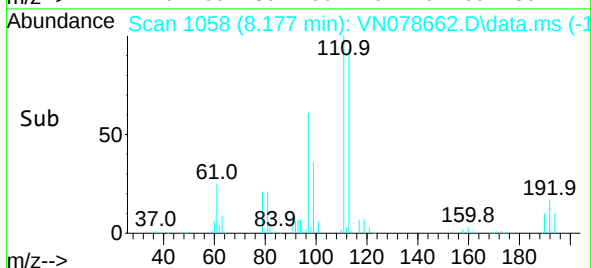
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

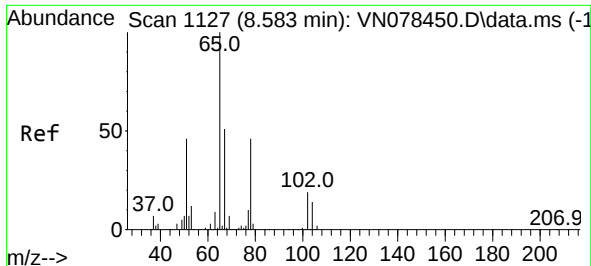


#32
1,1,1-Trichloroethane
Concen: 20.178 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07



Tgt Ion: 97 Resp: 180326
Ion Ratio Lower Upper
97 100
99 61.6 50.3 75.5
61 41.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.817 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078662.D

Acq: 27 Jul 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

Tgt Ion: 65 Resp: 30572

Ion Ratio Lower Upper

65 100

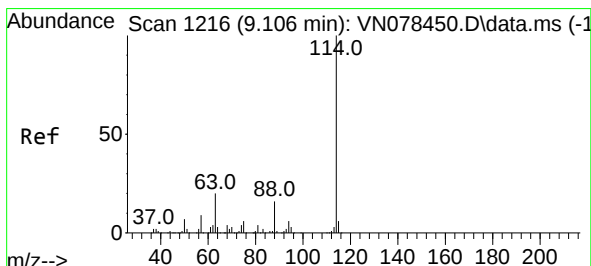
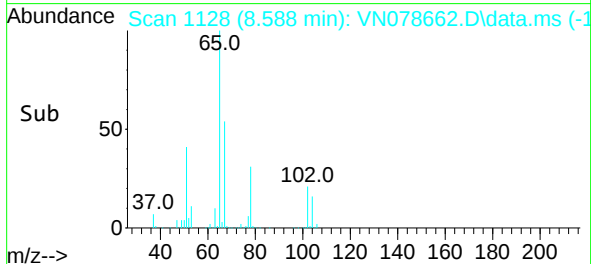
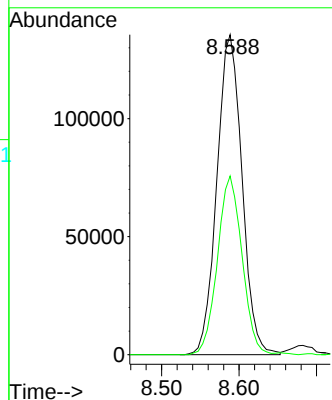
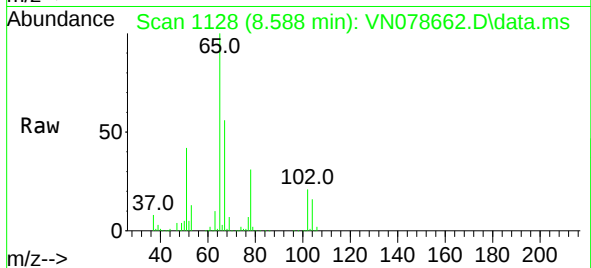
67 54.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078662.D

Acq: 27 Jul 2023 16:07

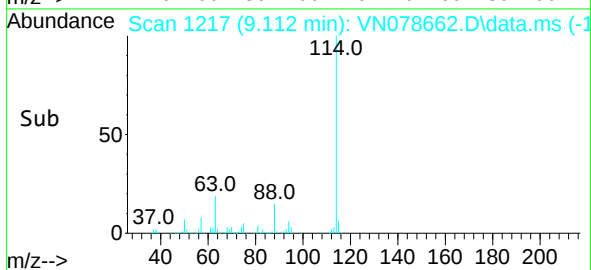
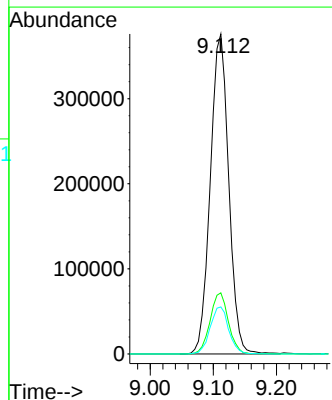
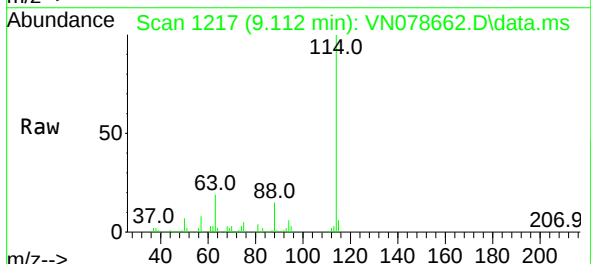
Tgt Ion:114 Resp: 760905

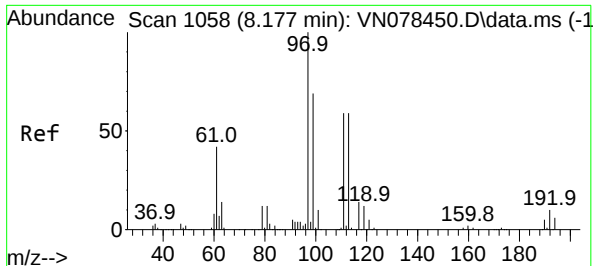
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

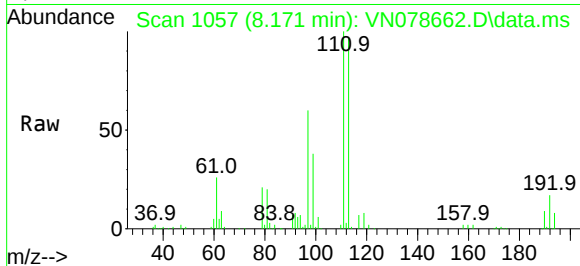
88 14.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.462 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

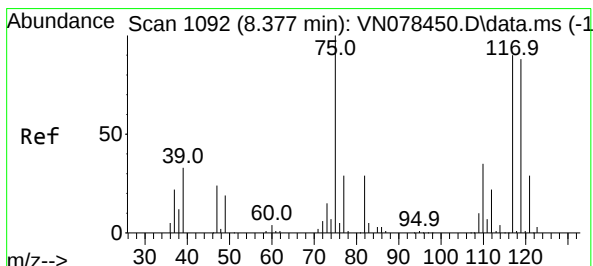
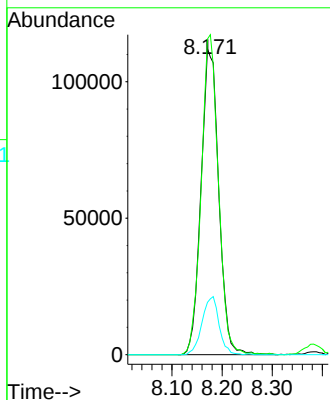
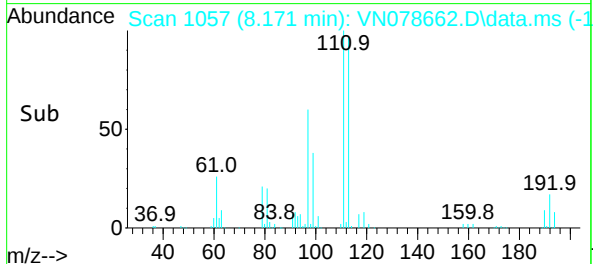
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



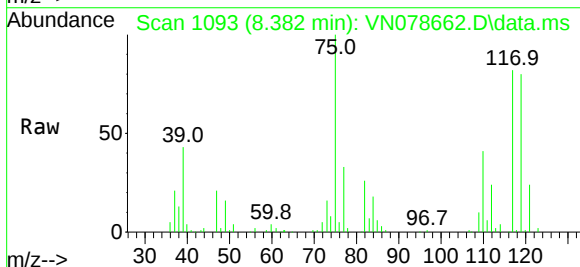
Tgt Ion:113 Resp: 276144
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 18.2 12.7 19.1

Manual Integrations
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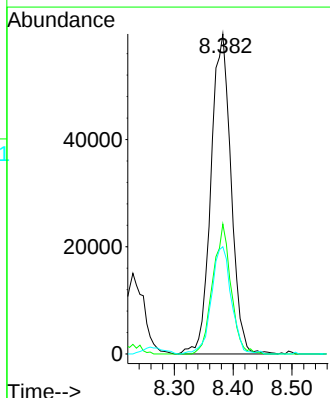
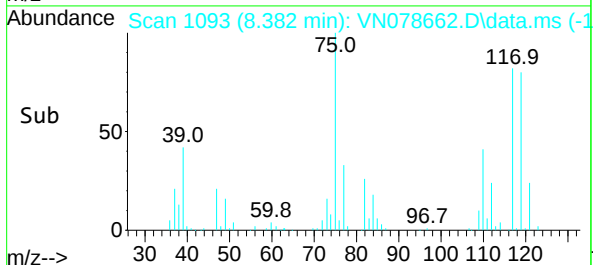
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

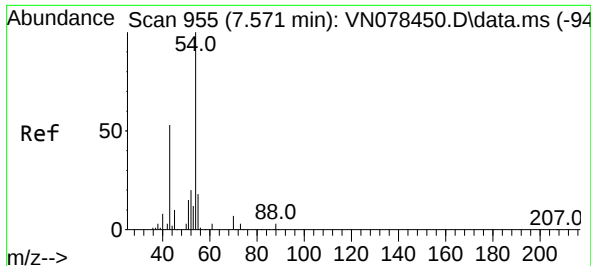


#36
1,1-Dichloropropene
Concen: 18.980 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.005 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07



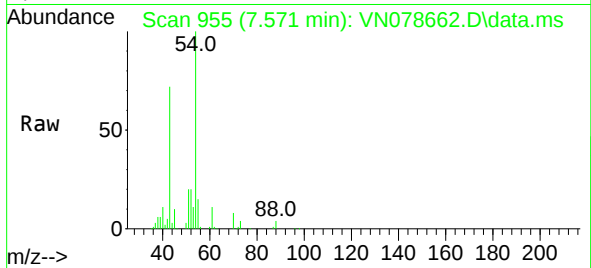
Tgt Ion: 75 Resp: 141554
Ion Ratio Lower Upper
75 100
110 36.7 19.1 57.3
77 33.0 25.0 37.4





#37
Ethyl Acetate
Concen: 22.718 ug/l
RT: 7.571 min Scan# 912
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

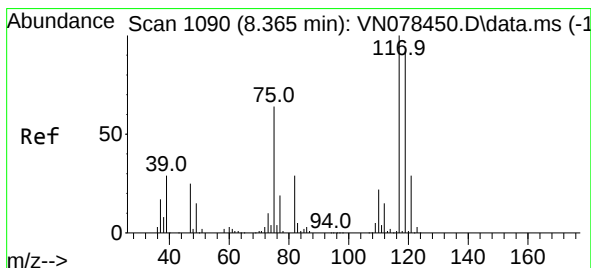
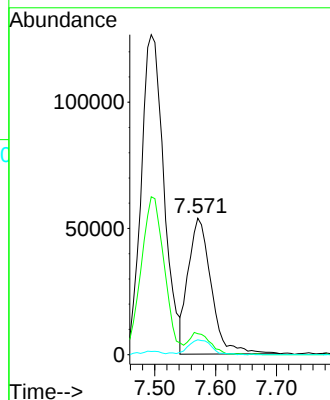
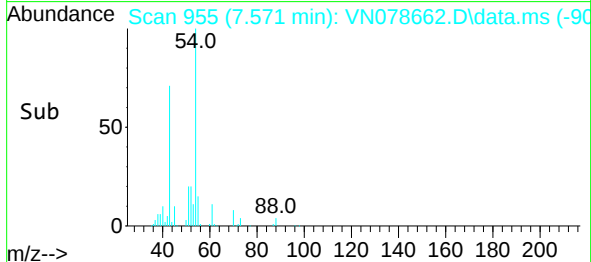
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion: 43 Resp: 141249
Ion Ratio Lower Upper
43 100
61 14.1 13.2 19.8
70 10.9 11.3 16.9

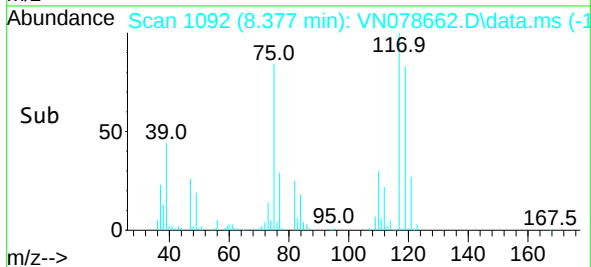
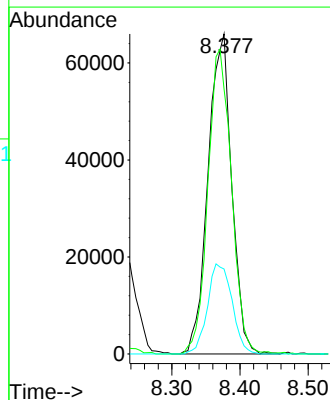
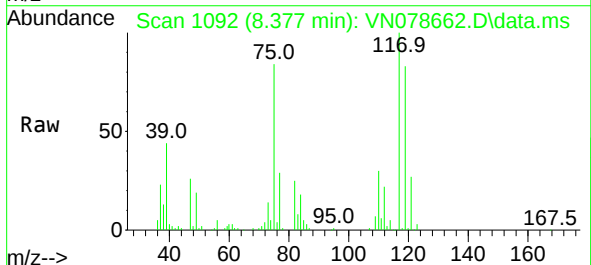
Manual Integrations
APPROVED

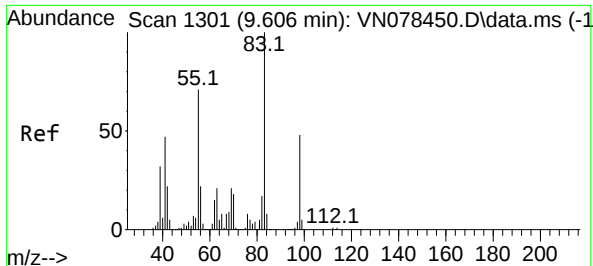
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#38
Carbon Tetrachloride
Concen: 19.696 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.012 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

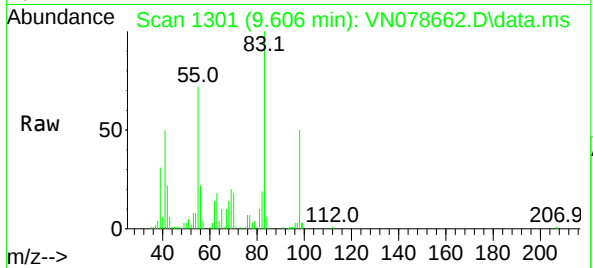
Tgt Ion:117 Resp: 159649
Ion Ratio Lower Upper
117 100
119 82.8 77.3 115.9
121 26.6 23.3 34.9





#39
Methylcyclohexane
Concen: 18.678 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

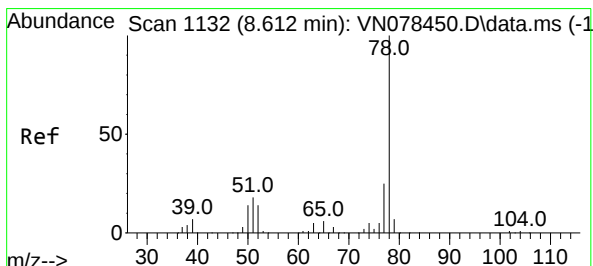
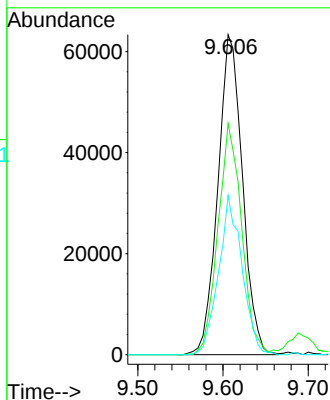
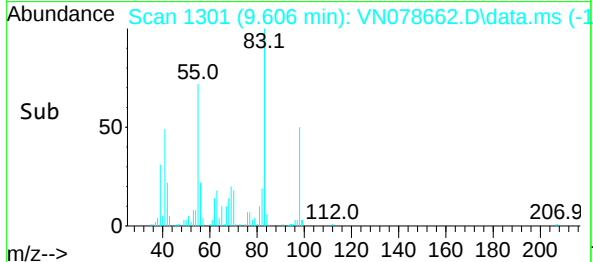
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion: 83 Resp: 12715
Ion Ratio Lower Upper
83 100
55 72.2 49.1 73.7
98 49.7 40.6 61.0

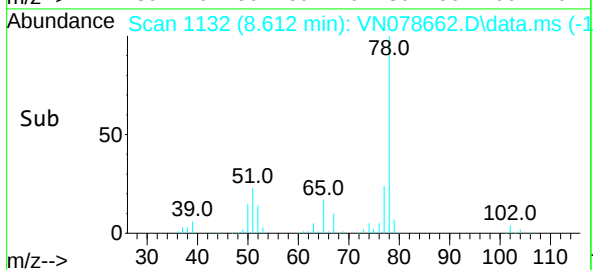
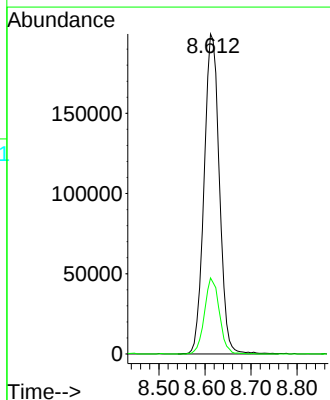
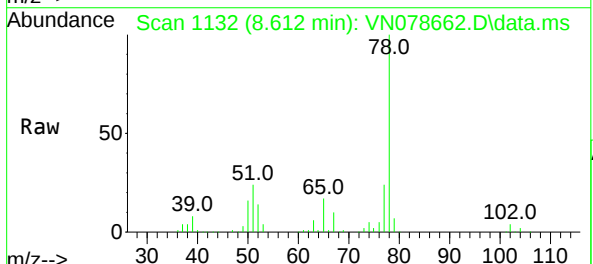
Manual Integrations
APPROVED

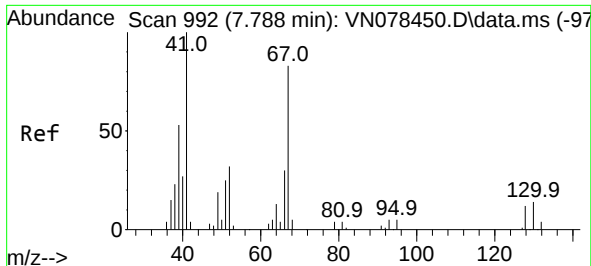
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#40
Benzene
Concen: 20.885 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

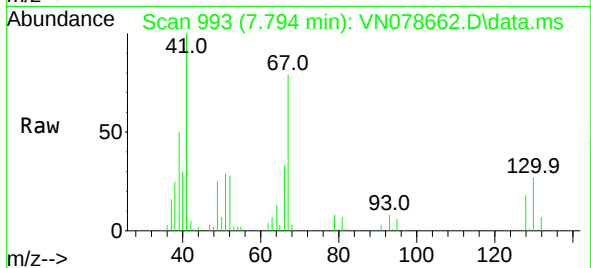
Tgt Ion: 78 Resp: 461463
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 22.727 ug/l
RT: 7.794 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

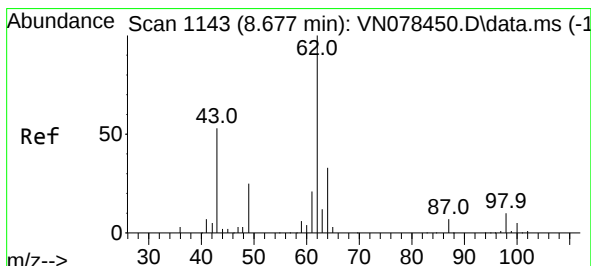
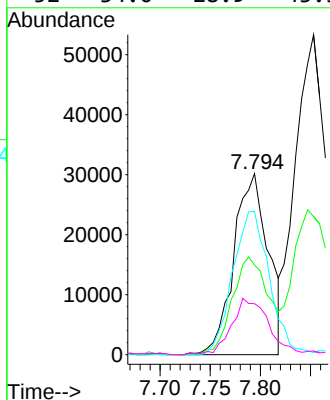
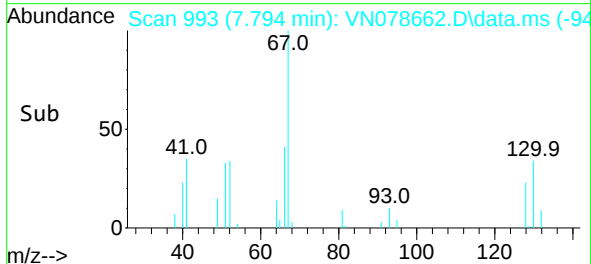
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



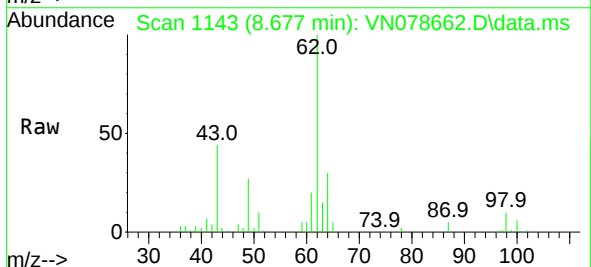
Tgt Ion: 41 Resp: 72032
Ion Ratio Lower Upper
41 100
39 56.9 42.6 64.0
67 84.1 77.5 116.3
52 34.0 28.9 43.3

Manual Integrations
APPROVED

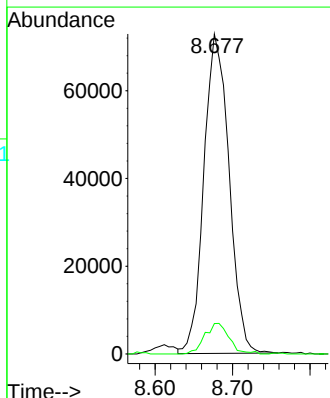
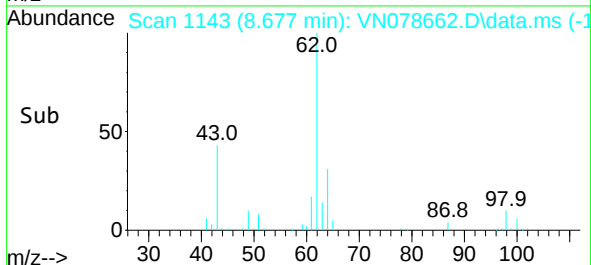
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

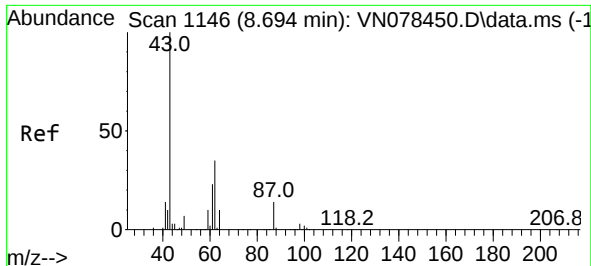


#42
1,2-Dichloroethane
Concen: 21.865 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07



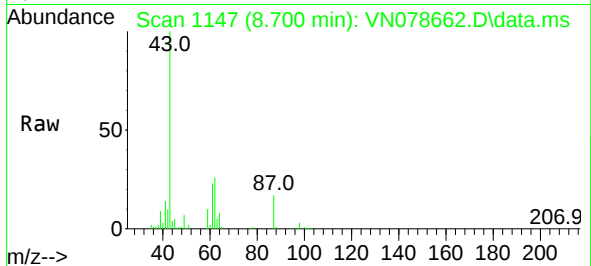
Tgt Ion: 62 Resp: 164326
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.8





#43
Isopropyl Acetate
Concen: 23.619 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

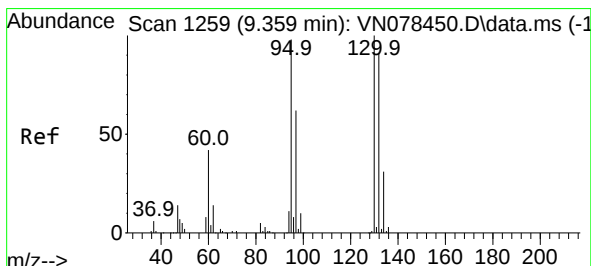
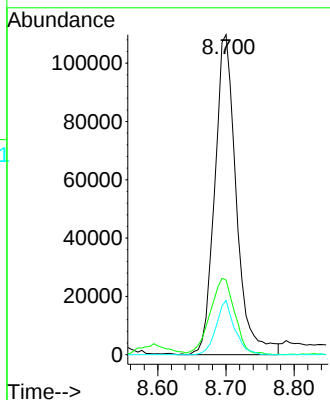
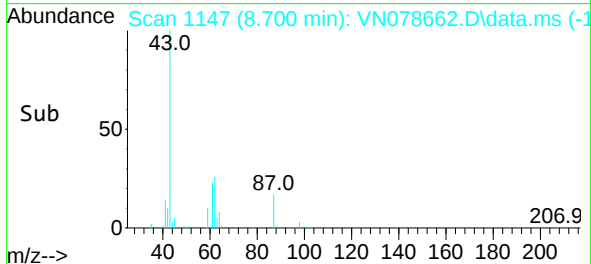
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion: 43 Resp: 241760
Ion Ratio Lower Upper
43 100
61 27.3 24.7 37.1
87 14.5 14.6 21.8

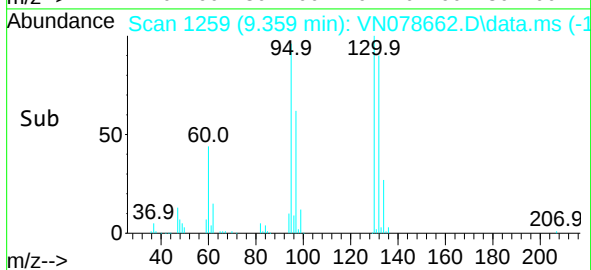
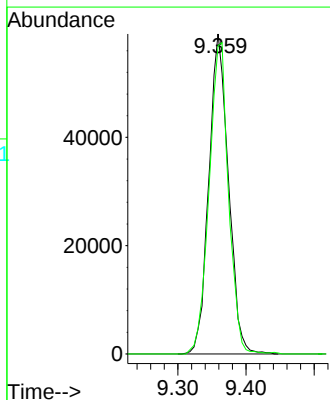
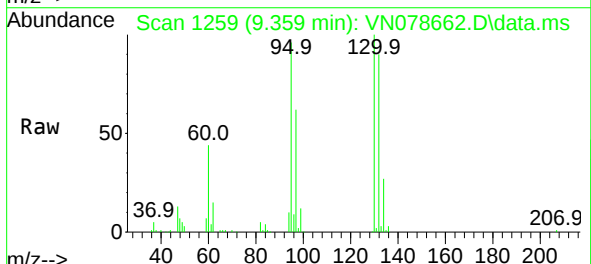
Manual Integrations
APPROVED

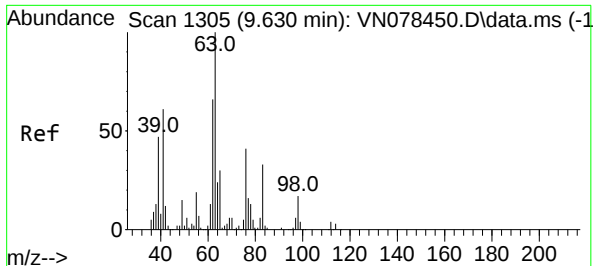
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#44
Trichloroethene
Concen: 19.917 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

Tgt Ion:130 Resp: 118608
Ion Ratio Lower Upper
130 100
95 96.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.248 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078662.D

Acq: 27 Jul 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

Tgt Ion: 63 Resp: 118900

Ion Ratio Lower Upper

63 100

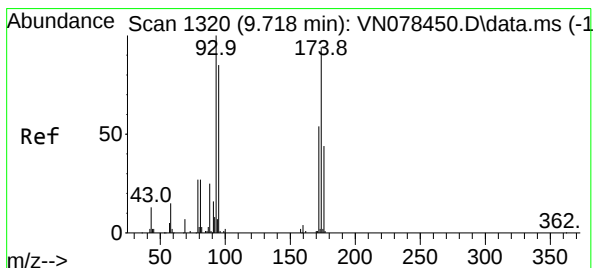
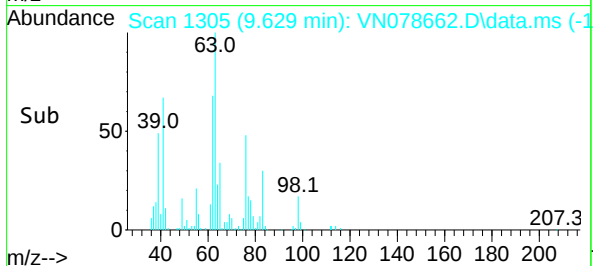
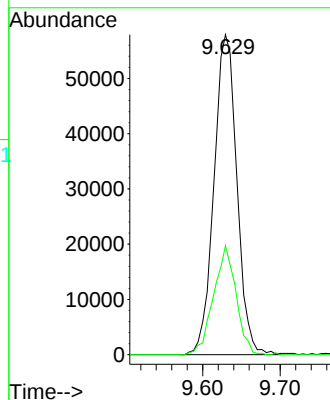
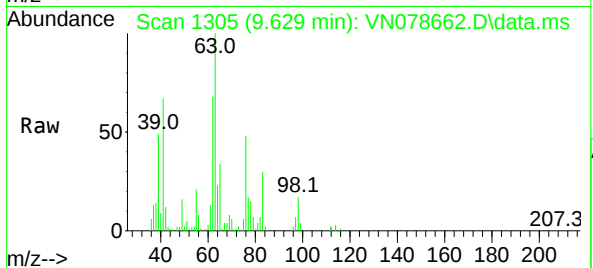
65 34.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#46

Dibromomethane

Concen: 22.364 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078662.D

Acq: 27 Jul 2023 16:07

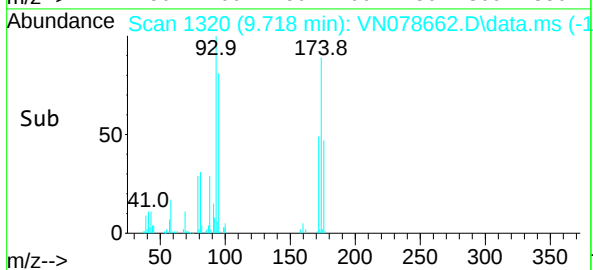
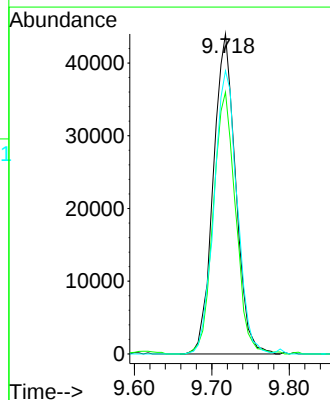
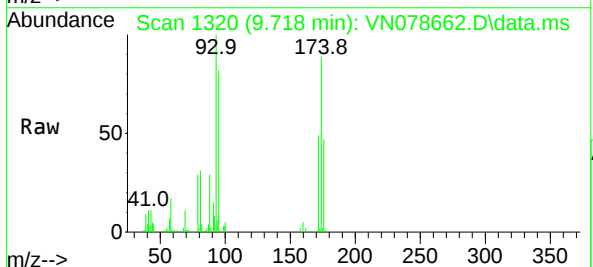
Tgt Ion: 93 Resp: 88086

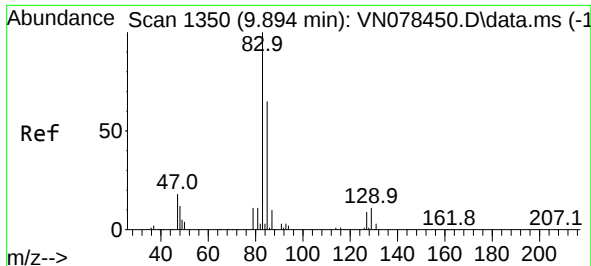
Ion Ratio Lower Upper

93 100

95 81.8 63.8 95.8

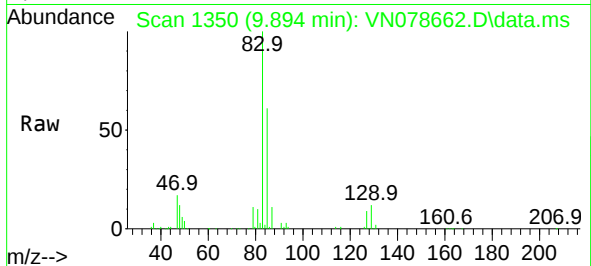
174 91.5 65.6 98.4





#47
Bromodichloromethane
Concen: 21.608 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

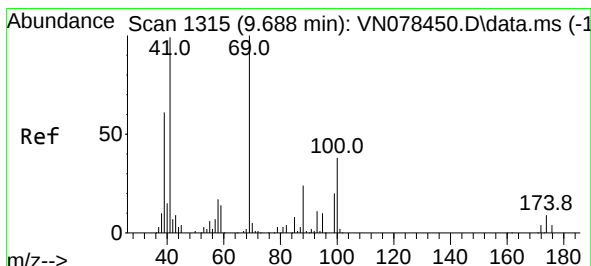
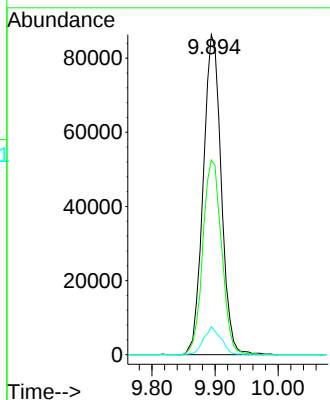
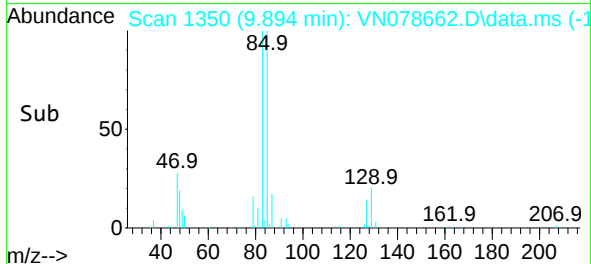
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



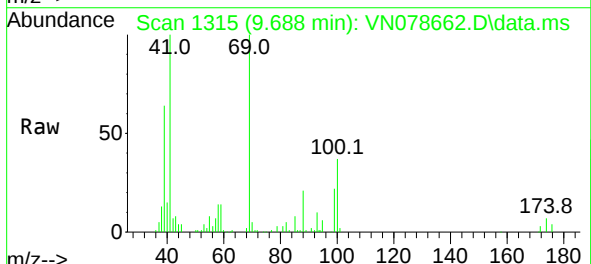
Tgt Ion: 83 Resp: 170608
Ion Ratio Lower Upper
83 100
85 60.9 49.6 74.4
127 8.8 7.0 10.6

Manual Integrations
APPROVED

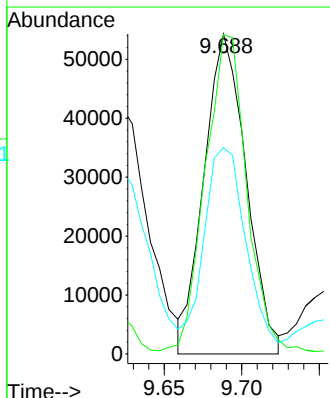
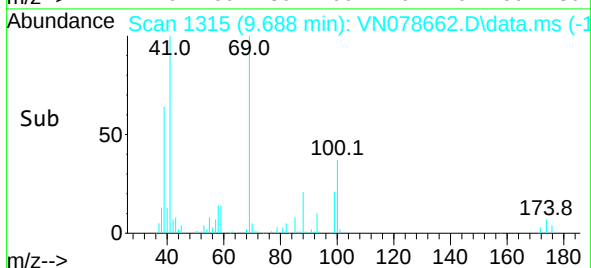
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

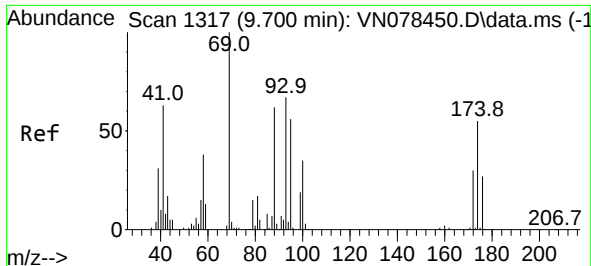


#48
Methyl methacrylate
Concen: 21.632 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07



Tgt Ion: 41 Resp: 102585
Ion Ratio Lower Upper
41 100
69 100.1 90.4 135.6
39 64.7 54.6 81.8





#49

1,4-Dioxane

Concen: 469.249 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN078662.D

Acq: 27 Jul 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

Tgt Ion: 88 Resp: 48529

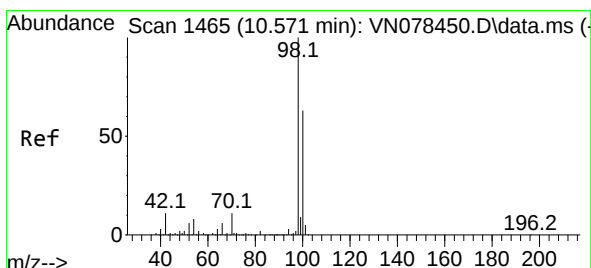
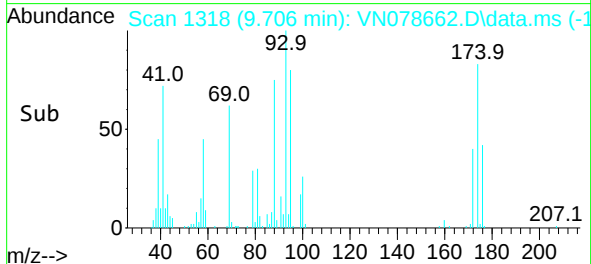
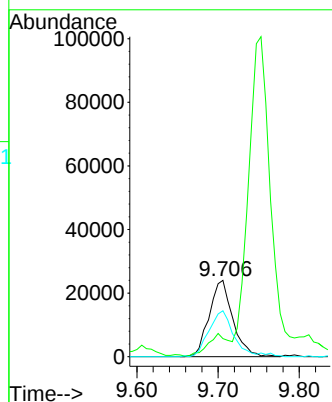
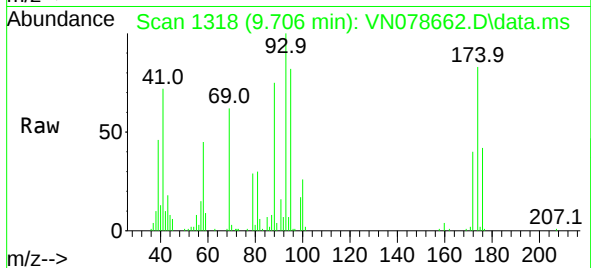
Ion	Ratio	Lower	Upper
88	100		
43	25.9	17.0	25.6
58	61.8	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#50

Toluene-d8

Concen: 47.557 ug/l

RT: 10.576 min Scan# 1466

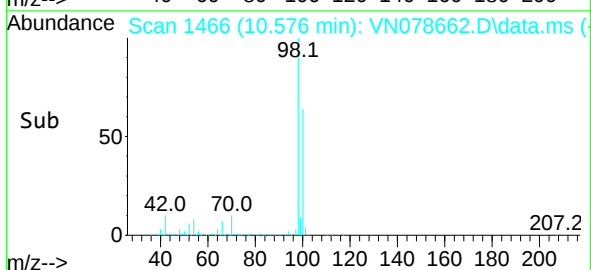
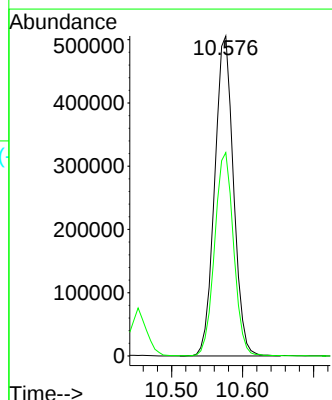
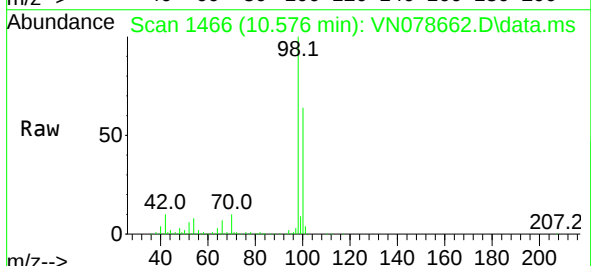
Delta R.T. 0.005 min

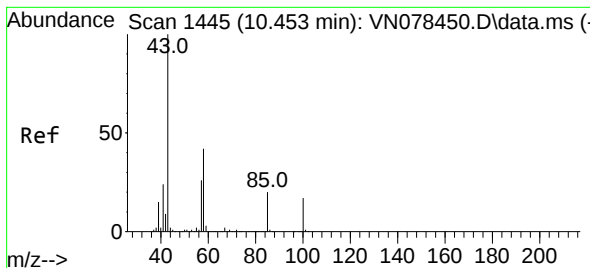
Lab File: VN078662.D

Acq: 27 Jul 2023 16:07

Tgt Ion: 98 Resp: 927964

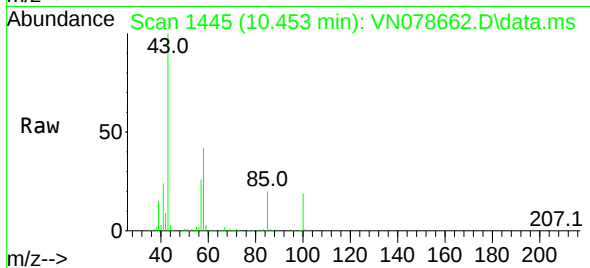
Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 115.177 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

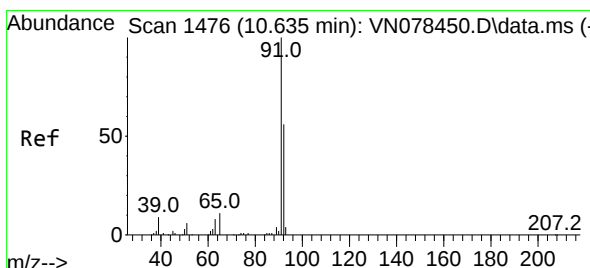
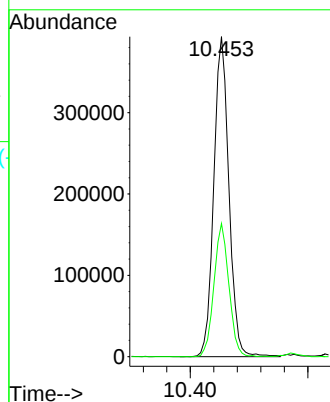
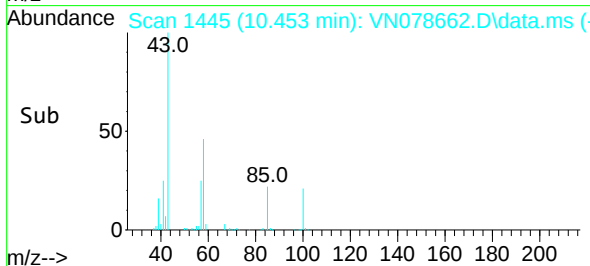
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion: 43 Resp: 70125
Ion Ratio Lower Upper
43 100
58 41.1 36.6 54.8

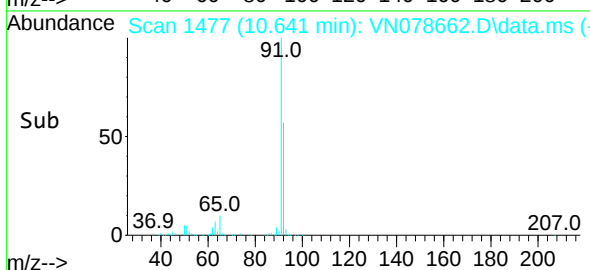
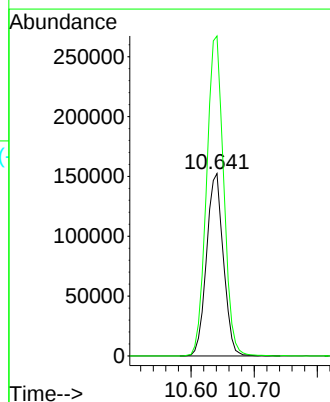
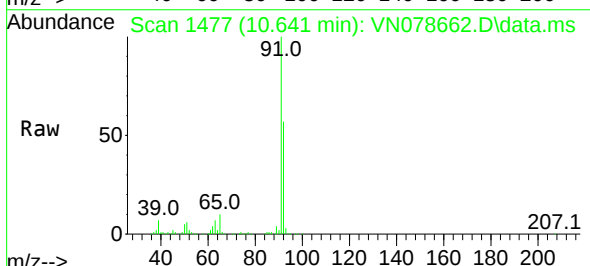
Manual Integrations
APPROVED

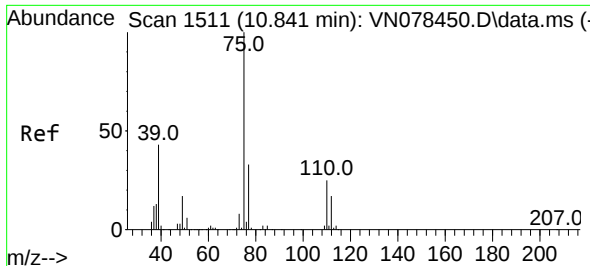
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#52
Toluene
Concen: 20.604 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

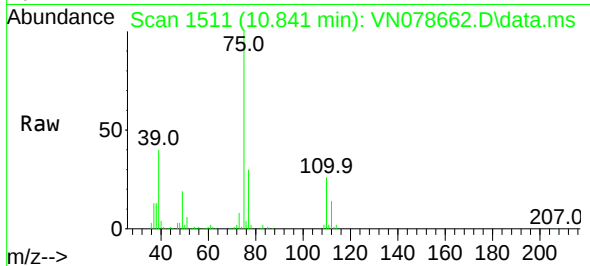
Tgt Ion: 92 Resp: 282151
Ion Ratio Lower Upper
92 100
91 178.7 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 20.909 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

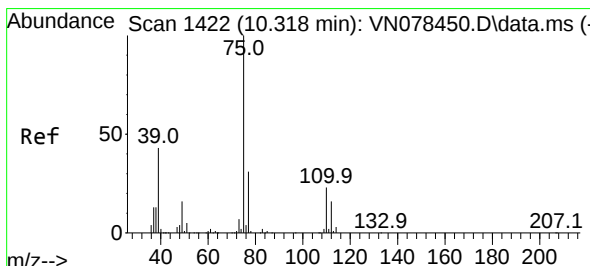
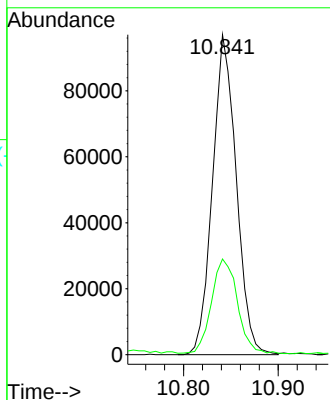
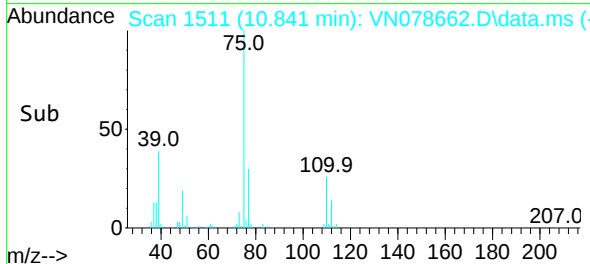
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



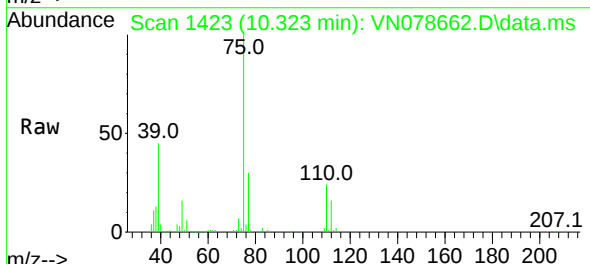
Tgt Ion: 75 Resp: 16912
Ion Ratio Lower Upper
75 100
77 29.4 25.4 38.0

Manual Integrations
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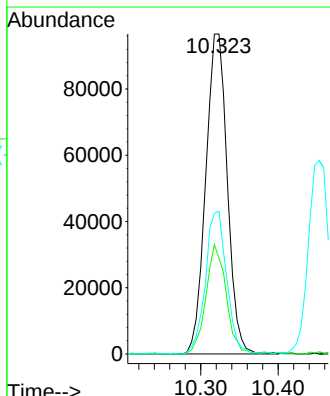
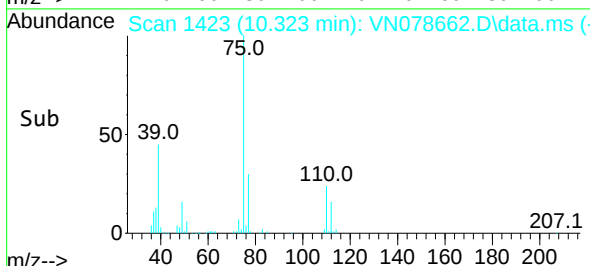
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

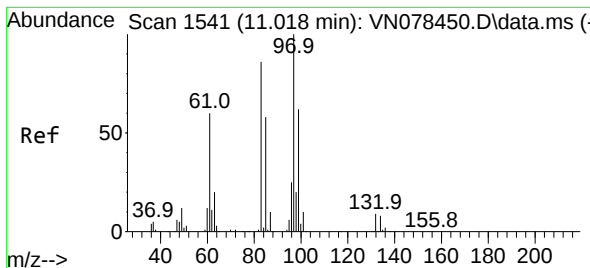


#54
cis-1,3-Dichloropropene
Concen: 21.718 ug/l
RT: 10.323 min Scan# 1423
Delta R.T. 0.005 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07



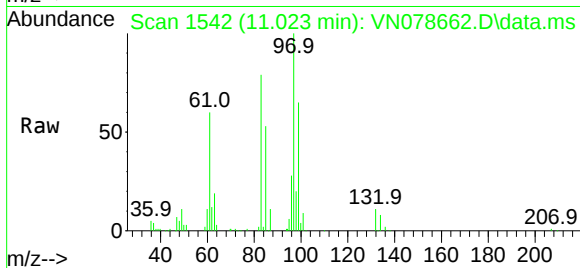
Tgt Ion: 75 Resp: 187258
Ion Ratio Lower Upper
75 100
77 29.9 26.1 39.1
39 44.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 22.915 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

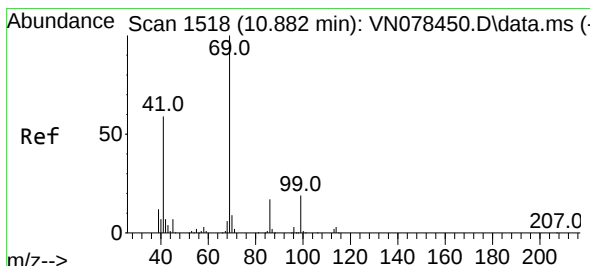
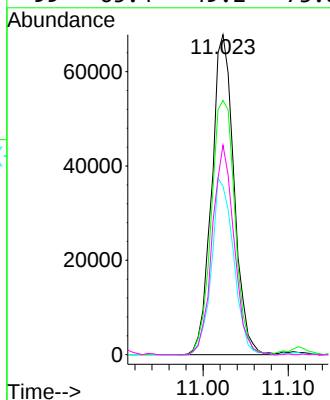
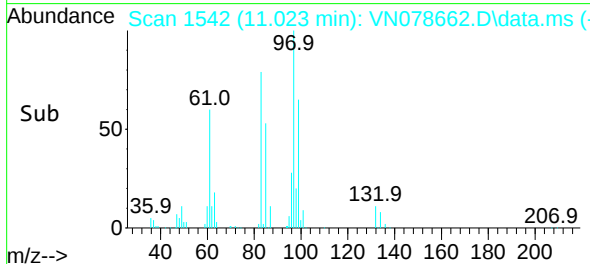
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



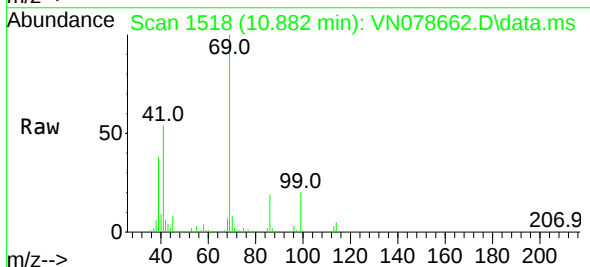
Tgt Ion: 97 Resp: 12363
Ion Ratio Lower Upper
97 100
83 79.4 65.1 97.7
85 52.6 43.4 65.2
99 65.4 49.2 73.8

Manual Integrations
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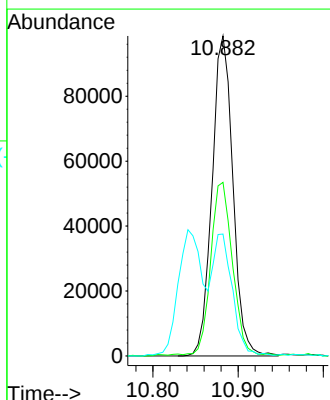
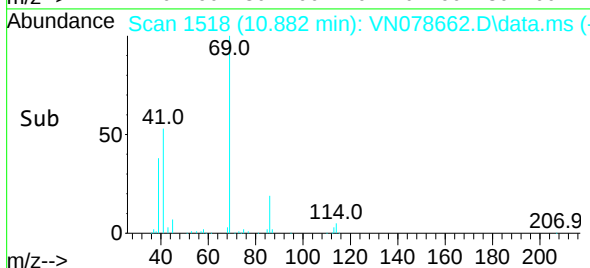
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

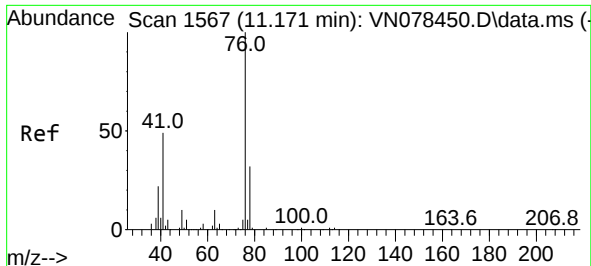


#56
Ethyl methacrylate
Concen: 22.238 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07



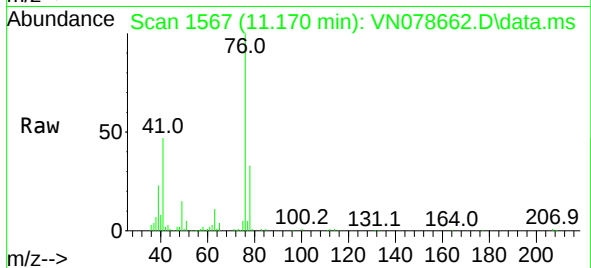
Tgt Ion: 69 Resp: 167723
Ion Ratio Lower Upper
69 100
41 57.3 39.6 59.4
39 35.2 28.6 43.0





#57
1,3-Dichloropropane
Concen: 21.481 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

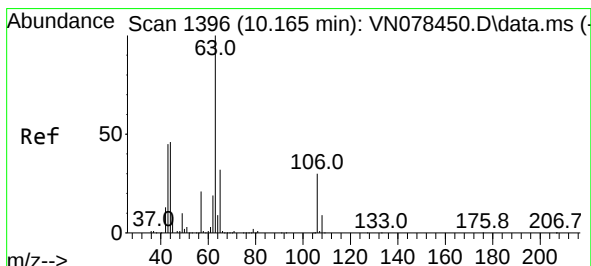
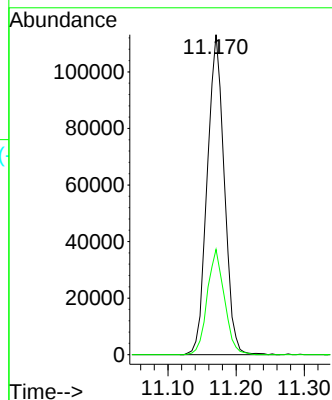
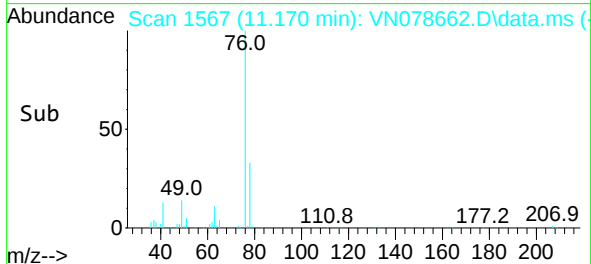
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion: 76 Resp: 197069
Ion Ratio Lower Upper
76 100
78 33.1 26.1 39.1

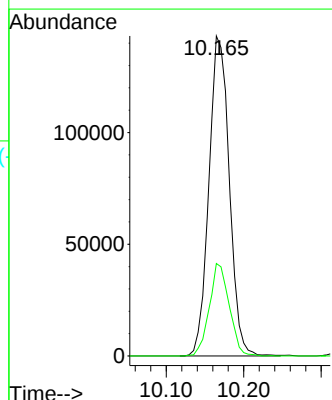
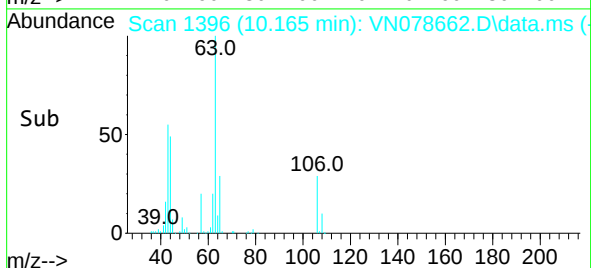
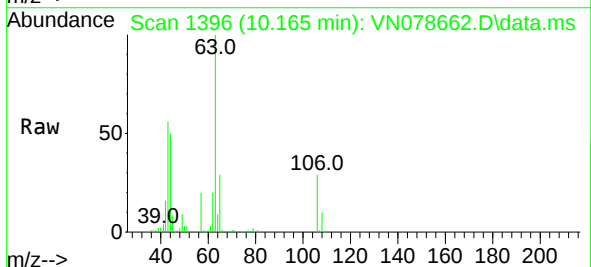
Manual Integrations
APPROVED

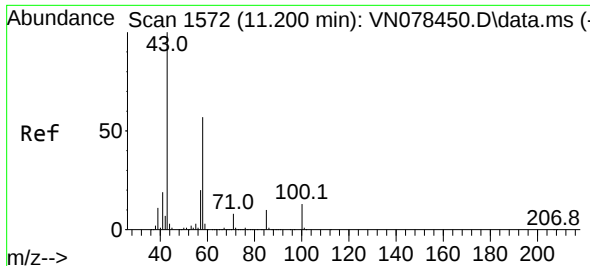
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#58
2-Chloroethyl Vinyl ether
Concen: 97.402 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

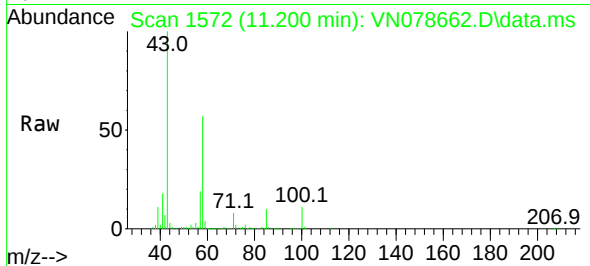
Tgt Ion: 63 Resp: 261801
Ion Ratio Lower Upper
63 100
106 28.2 26.2 39.4





#59
2-Hexanone
Concen: 115.483 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

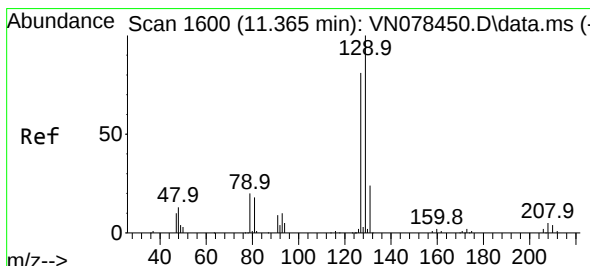
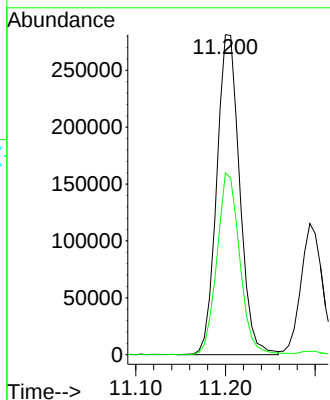
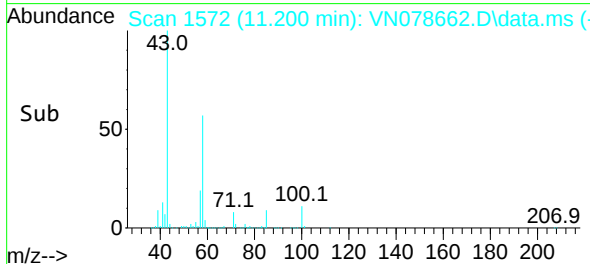
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion: 43 Resp: 499708
Ion Ratio Lower Upper
43 100
58 56.5 31.7 95.1

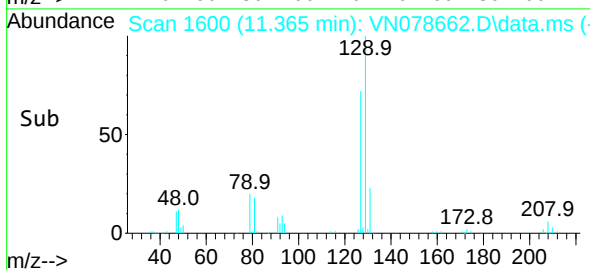
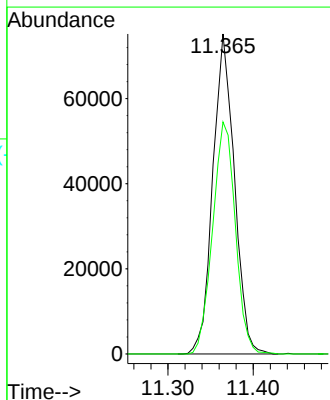
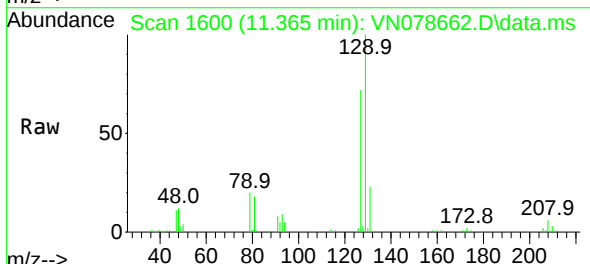
Manual Integrations
APPROVED

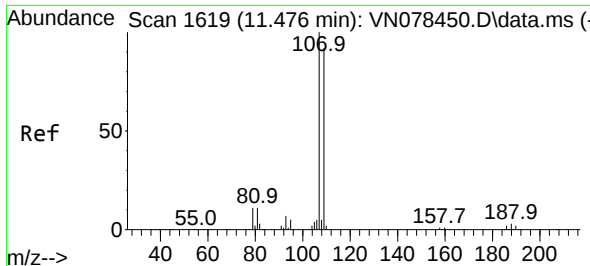
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#60
Dibromochloromethane
Concen: 22.133 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

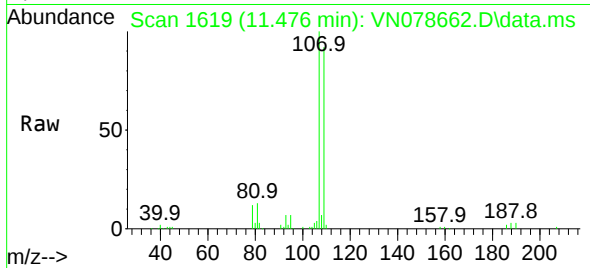
Tgt Ion:129 Resp: 131833
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 22.575 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

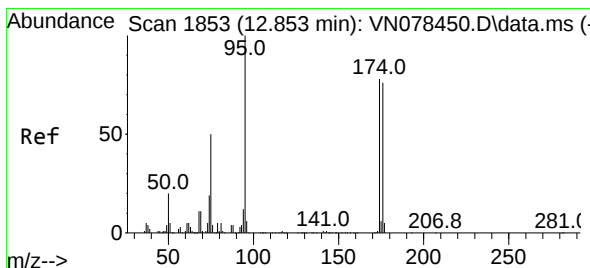
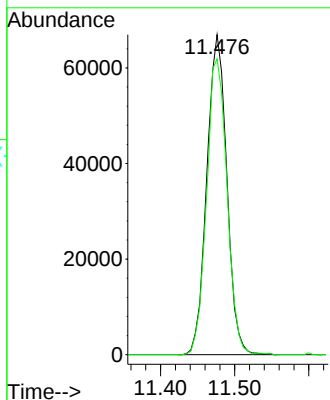
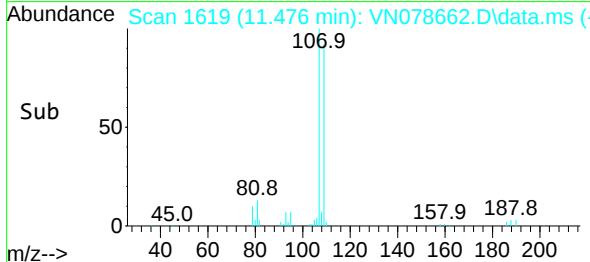
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



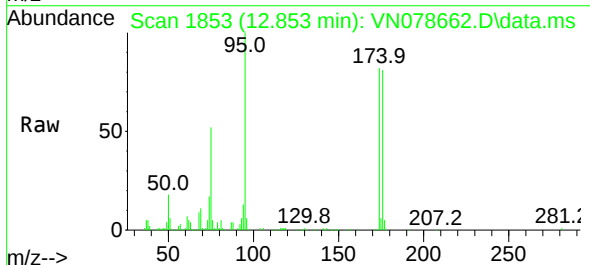
Tgt Ion:107 Resp: 125479
Ion Ratio Lower Upper
107 100
109 94.4 76.6 114.8

Manual Integrations
APPROVED

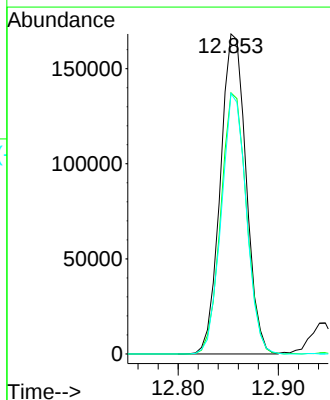
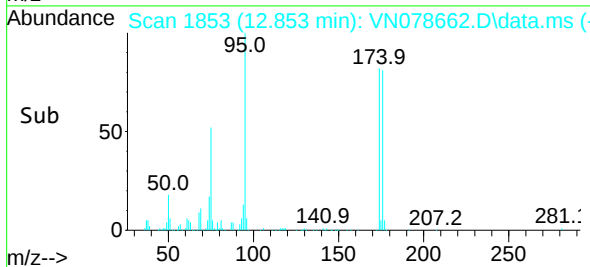
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

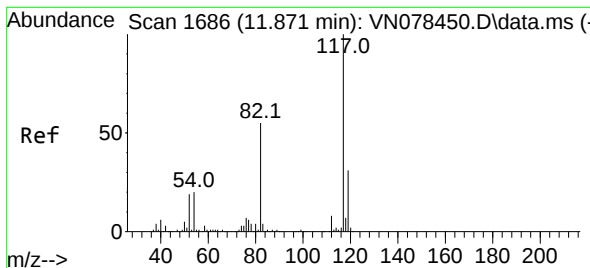


#62
4-Bromofluorobenzene
Concen: 49.822 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07



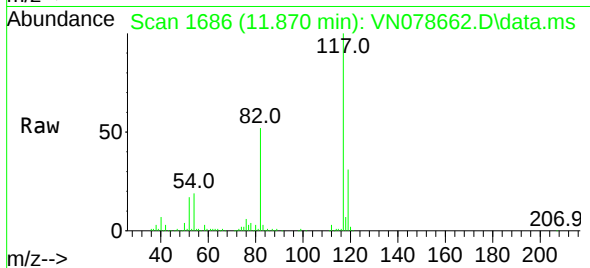
Tgt Ion: 95 Resp: 299449
Ion Ratio Lower Upper
95 100
174 81.1 0.0 143.8
176 79.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

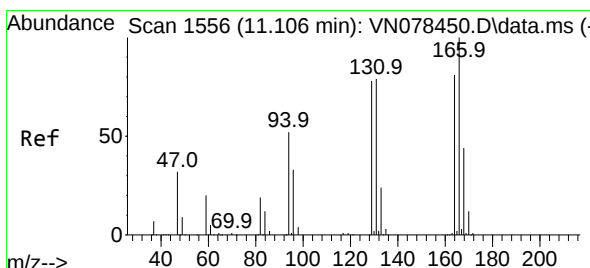
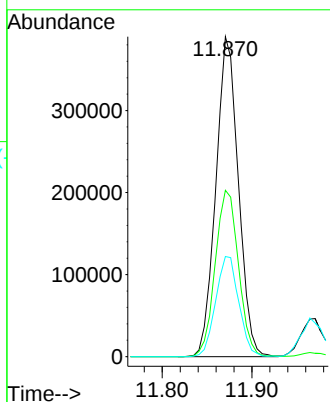
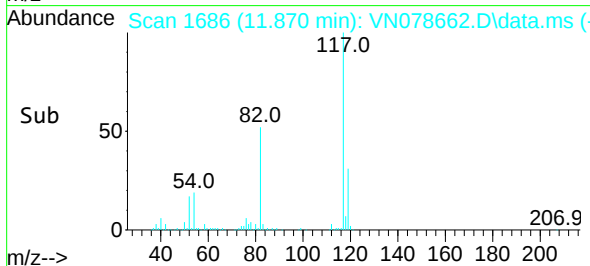
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion:117 Resp: 679472
Ion Ratio Lower Upper
117 100
82 52.0 44.0 66.0
119 31.3 25.6 38.4

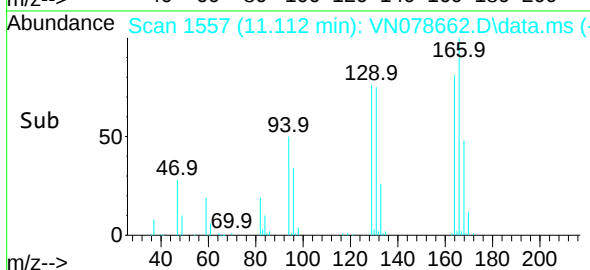
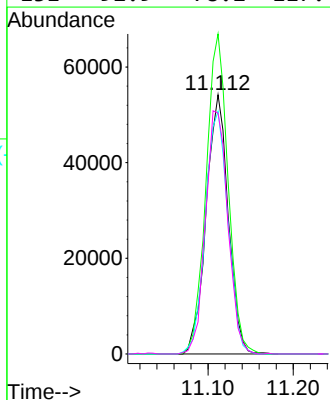
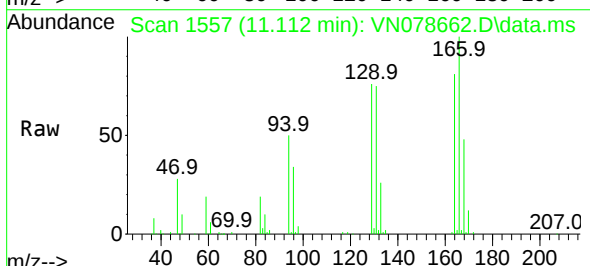
Manual Integrations
APPROVED

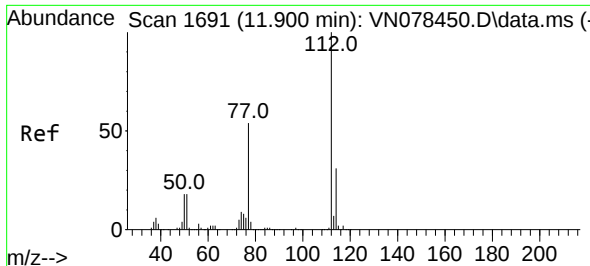
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#64
Tetrachloroethene
Concen: 19.076 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

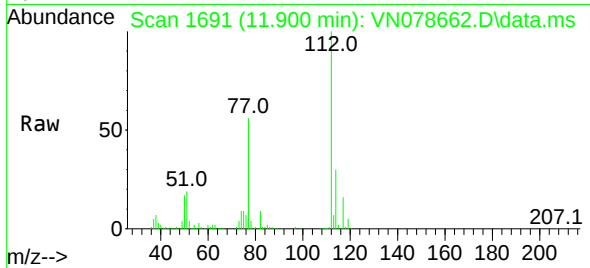
Tgt Ion:164 Resp: 97449
Ion Ratio Lower Upper
164 100
166 123.5 101.4 152.0
129 93.6 82.4 123.6
131 92.9 78.2 117.4





#65
Chlorobenzene
Concen: 19.976 ug/l
RT: 11.900 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

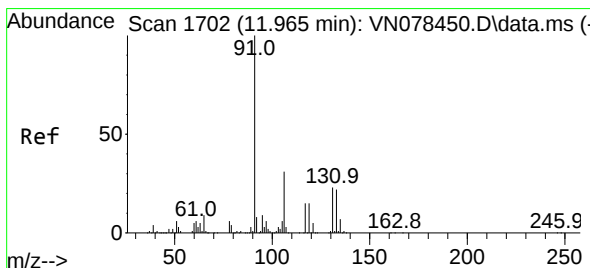
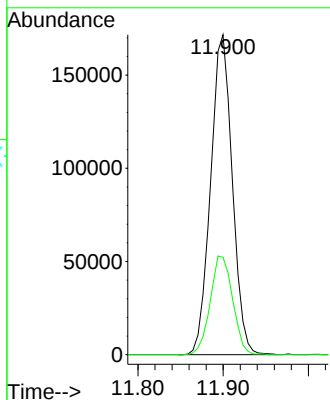
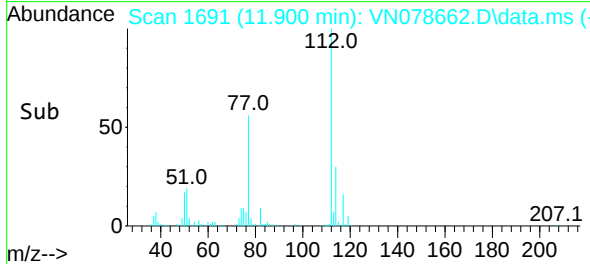
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion:112 Resp: 303384
Ion Ratio Lower Upper
112 100
114 30.4 25.0 37.4

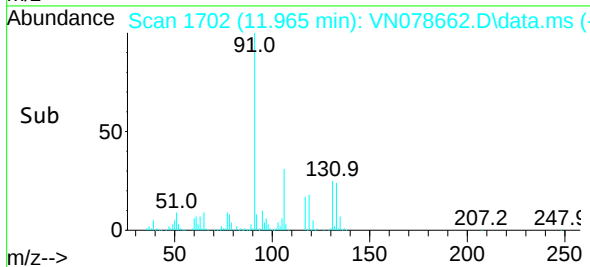
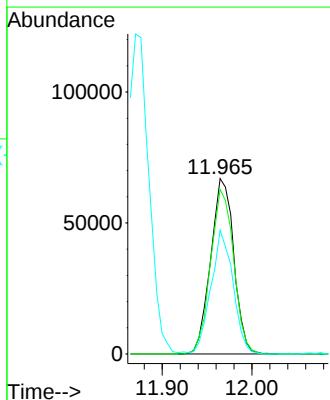
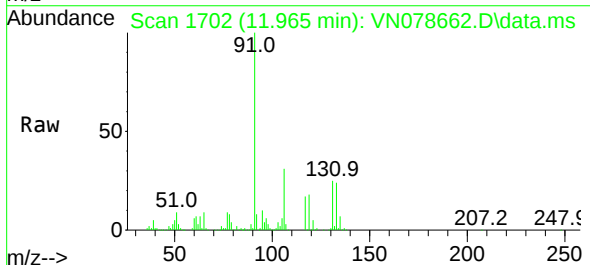
Manual Integrations
APPROVED

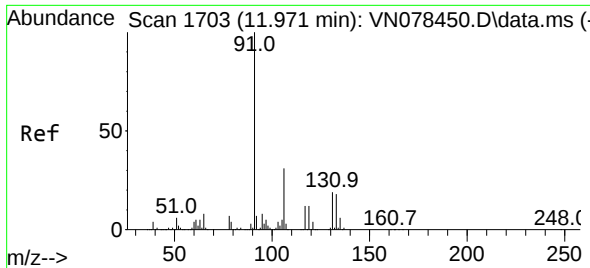
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.525 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

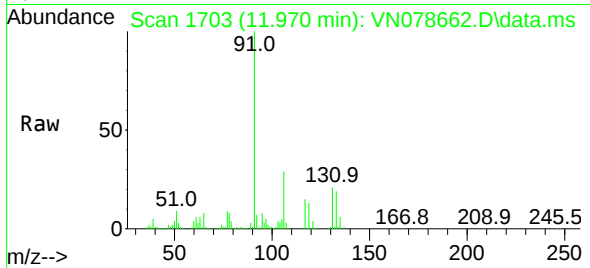
Tgt Ion:131 Resp: 119922
Ion Ratio Lower Upper
131 100
133 93.6 46.4 139.1
119 67.1 34.1 102.2





#67
Ethyl Benzene
Concen: 20.155 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

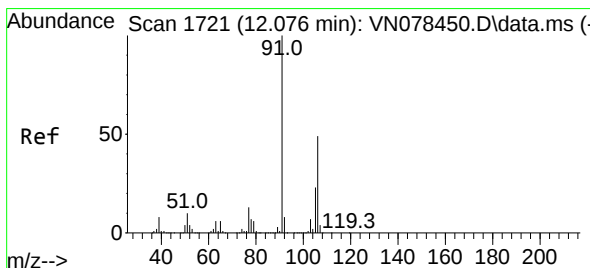
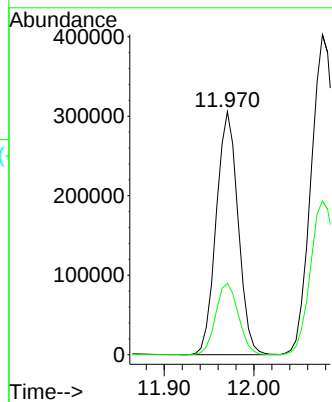
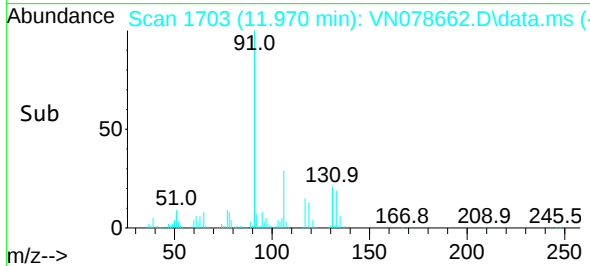
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



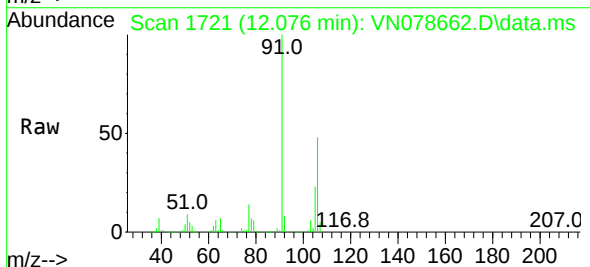
Tgt Ion: 91 Resp: 517429
Ion Ratio Lower Upper
91 100
106 29.4 25.6 38.4

Manual Integrations
APPROVED

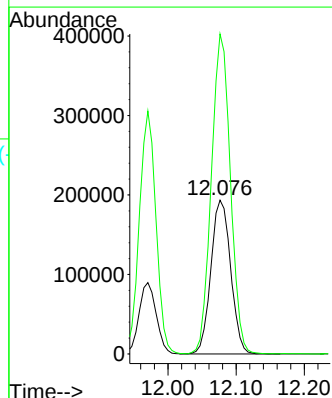
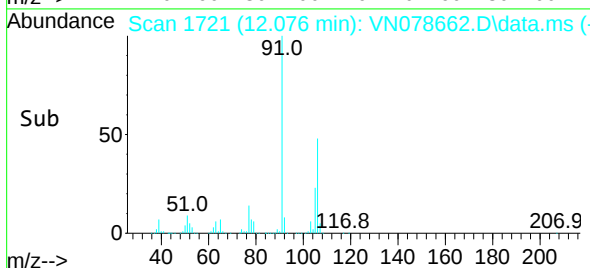
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

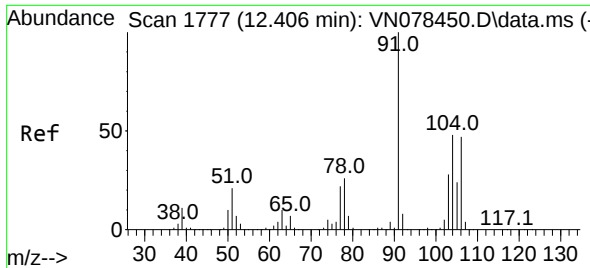


#68
m/p-Xylenes
Concen: 41.158 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07



Tgt Ion:106 Resp: 390669
Ion Ratio Lower Upper
106 100
91 200.2 159.6 239.4





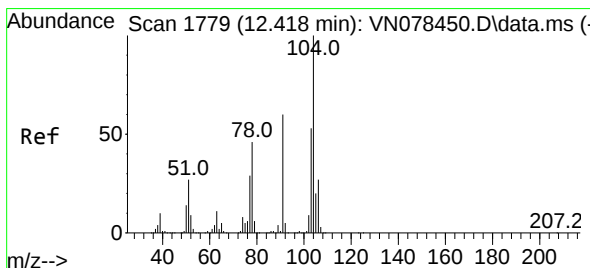
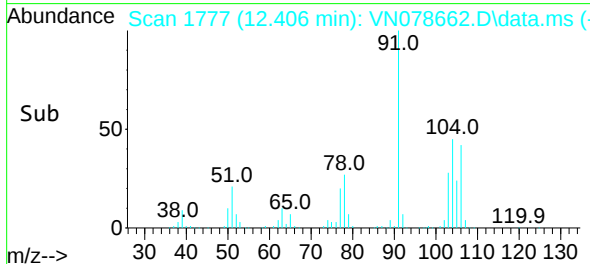
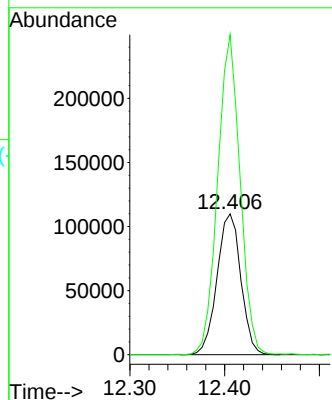
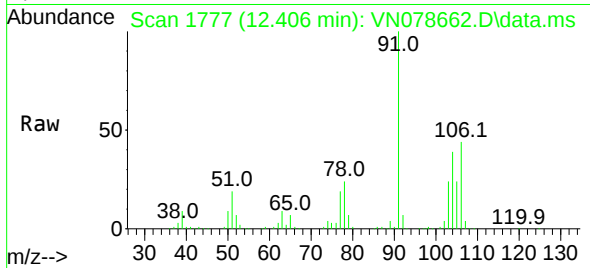
#69
o-Xylene
Concen: 20.012 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

Tgt Ion:106 Resp: 191860
Ion Ratio Lower Upper
106 100
91 214.8 105.2 315.5

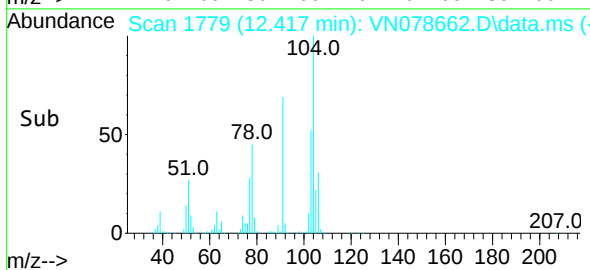
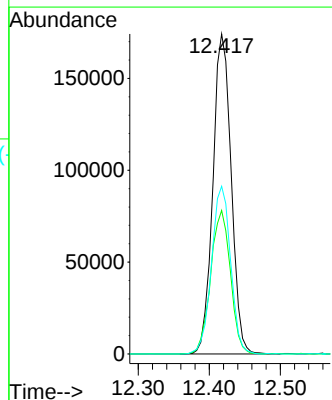
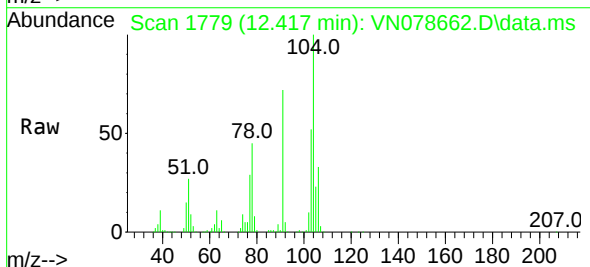
Manual Integrations
APPROVED

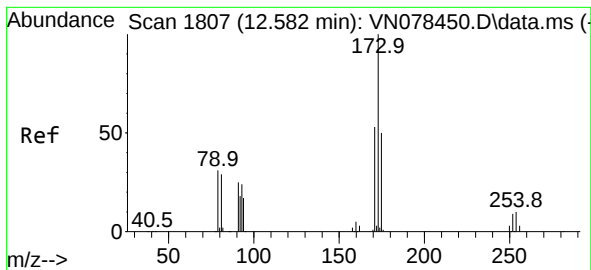
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#70
Styrene
Concen: 20.772 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

Tgt Ion:104 Resp: 311559
Ion Ratio Lower Upper
104 100
78 48.3 39.5 59.3
103 54.6 43.2 64.8





#71

Bromoform

Concen: 22.229 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VN078662.D

Acq: 27 Jul 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

Tgt Ion:173 Resp: 87960

Ion Ratio Lower Upper

173 100

175 49.7 24.3 73.0

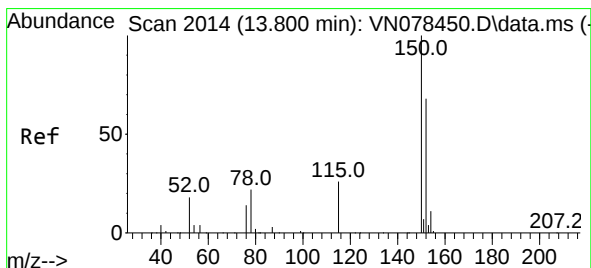
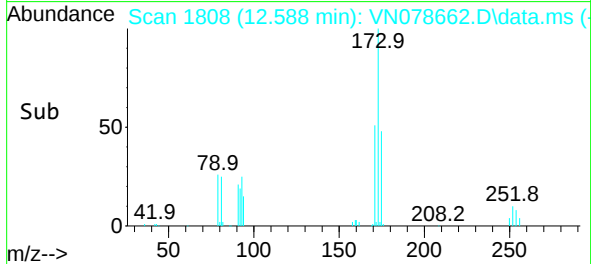
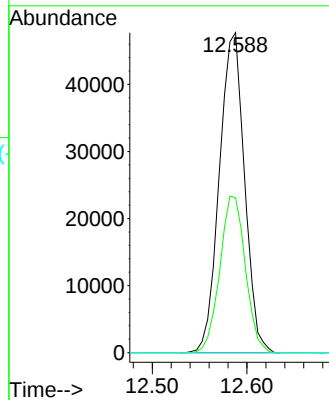
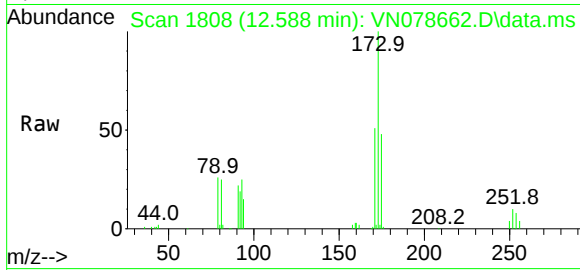
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078662.D

Acq: 27 Jul 2023 16:07

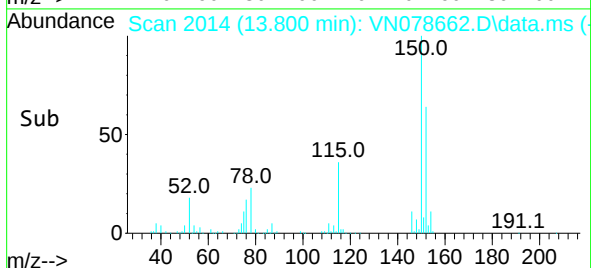
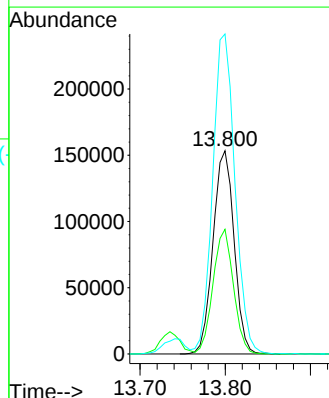
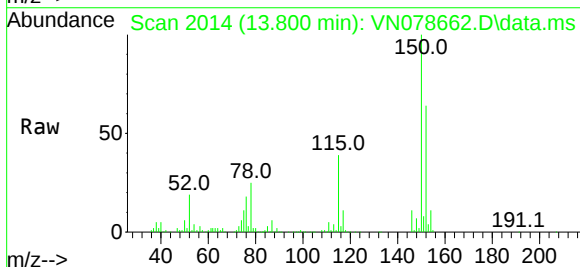
Tgt Ion:152 Resp: 263589

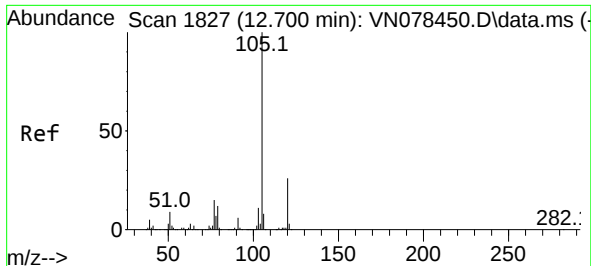
Ion Ratio Lower Upper

152 100

115 59.5 32.3 96.8

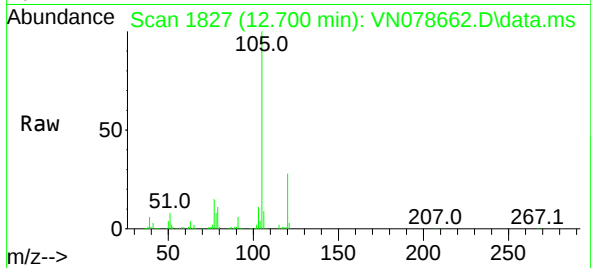
150 166.1 0.0 355.8





#73
Isopropylbenzene
Concen: 18.476 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

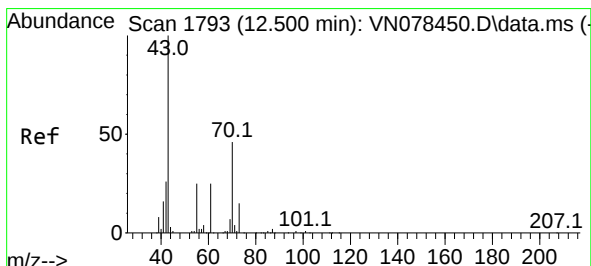
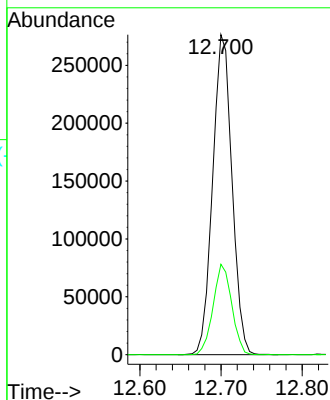
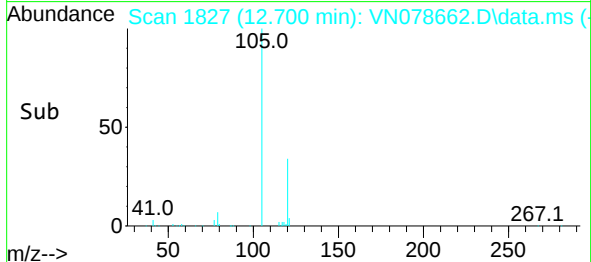
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



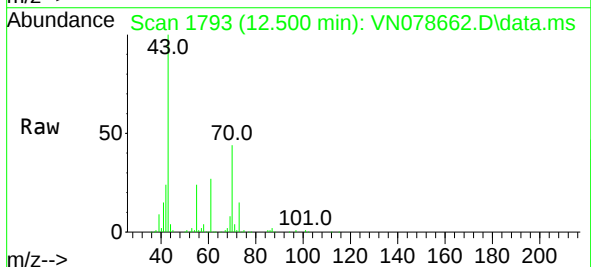
Tgt Ion:105 Resp: 45761
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.1

Manual Integrations
APPROVED

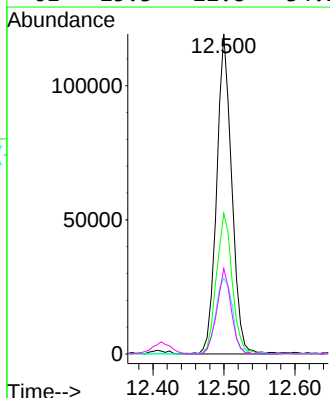
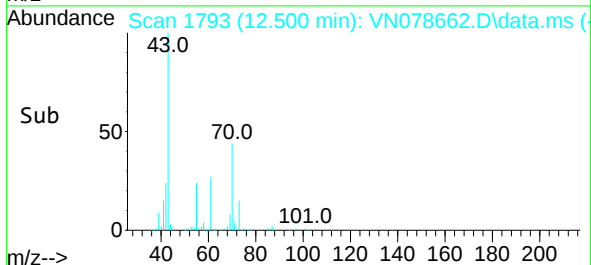
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

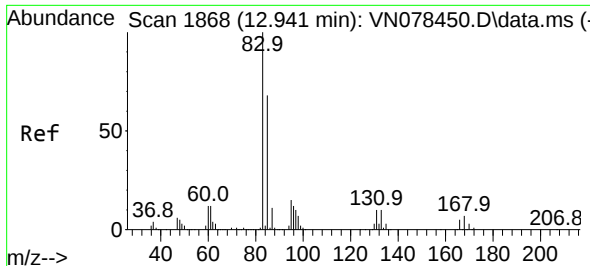


#74
N-ethyl acetate
Concen: 20.550 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07



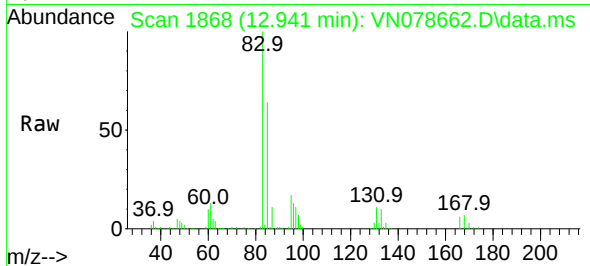
Tgt Ion: 43 Resp: 175401
Ion Ratio Lower Upper
43 100
70 45.7 43.4 65.2
55 26.2 21.4 32.0
61 25.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 23.086 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

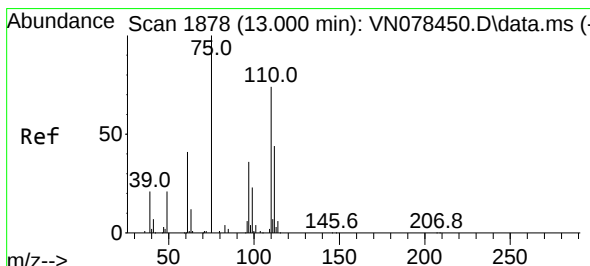
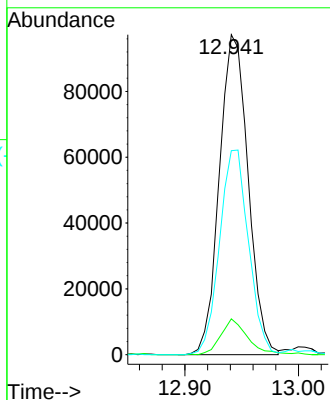
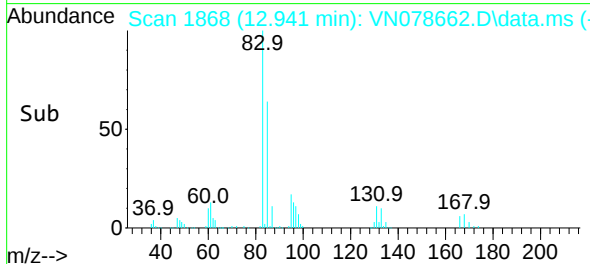
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



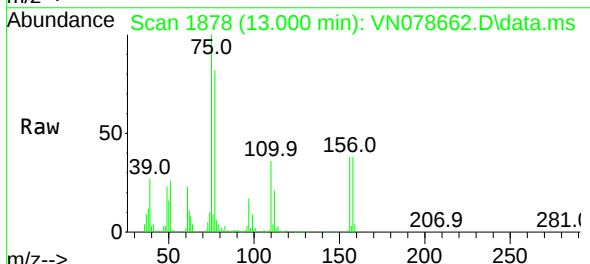
Tgt Ion: 83 Resp: 171240
Ion Ratio Lower Upper
83 100
131 10.6 5.0 15.0
85 64.5 31.9 95.7

Manual Integrations
APPROVED

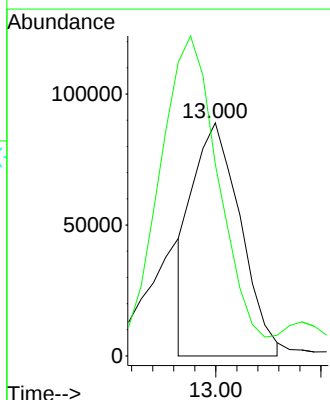
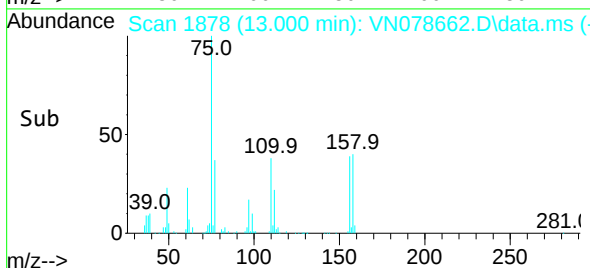
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

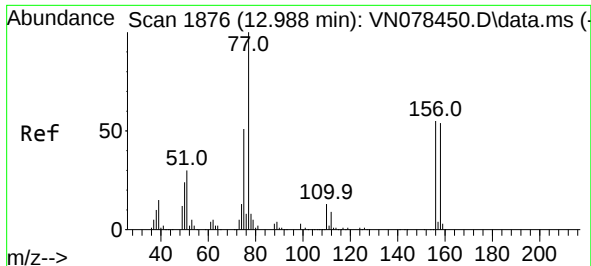


#76
1,2,3-Trichloropropane
Concen: 22.179 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07



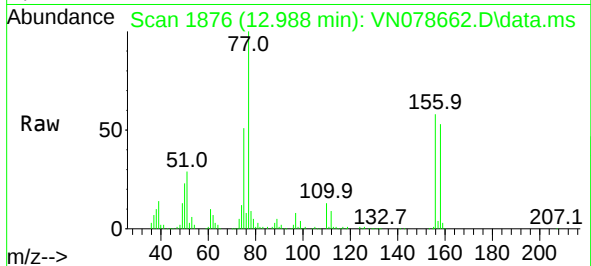
Tgt Ion: 75 Resp: 141311
Ion Ratio Lower Upper
75 100
77 172.9 84.5 253.5





#77
Bromobenzene
Concen: 21.705 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

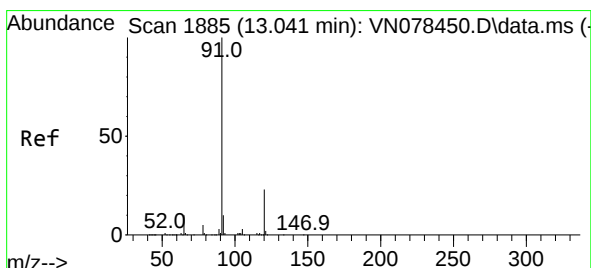
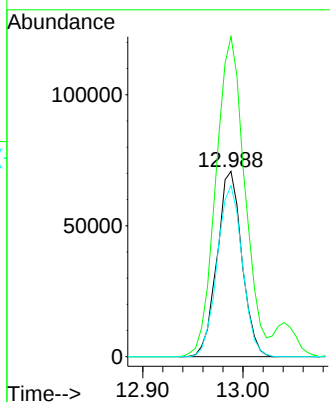
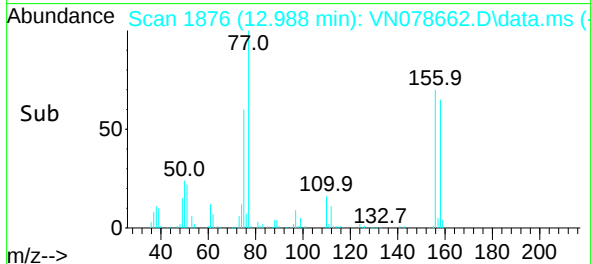
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



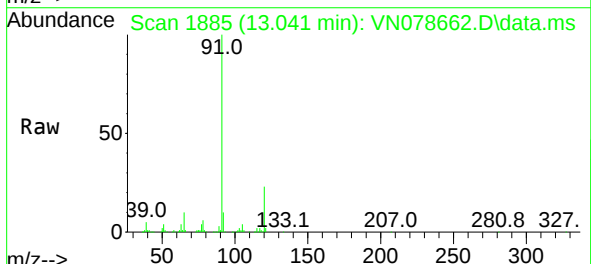
Tgt Ion:156 Resp: 121610
Ion Ratio Lower Upper
156 100
77 200.9 107.7 323.3
158 93.7 48.4 145.3

Manual Integrations
APPROVED

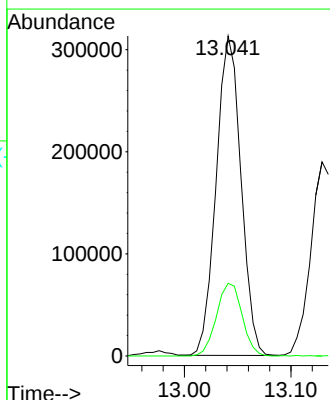
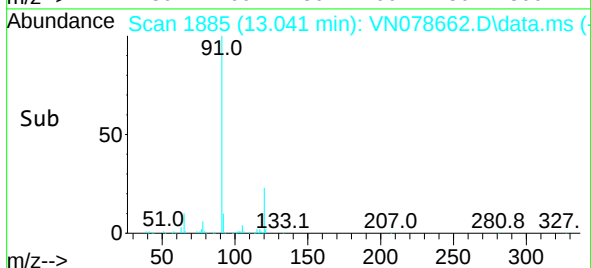
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

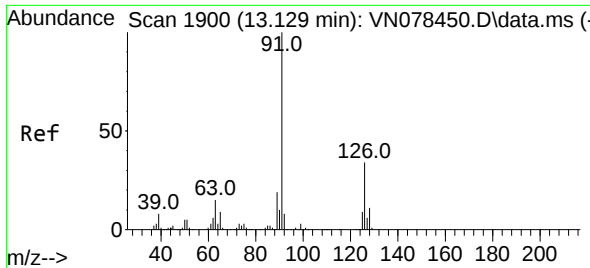


#78
n-propylbenzene
Concen: 19.074 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07



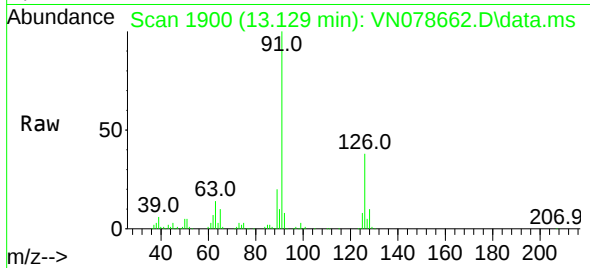
Tgt Ion: 91 Resp: 505223
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4





#79
2-Chlorotoluene
Concen: 19.092 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

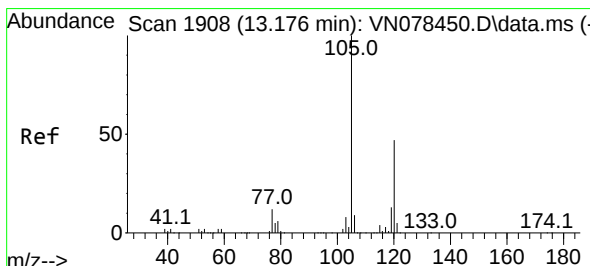
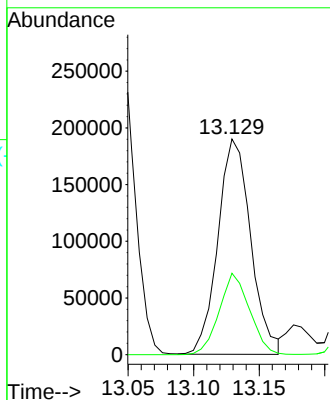
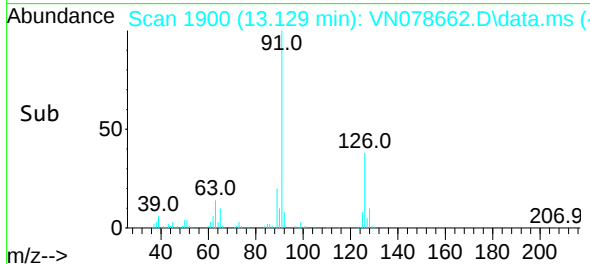
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



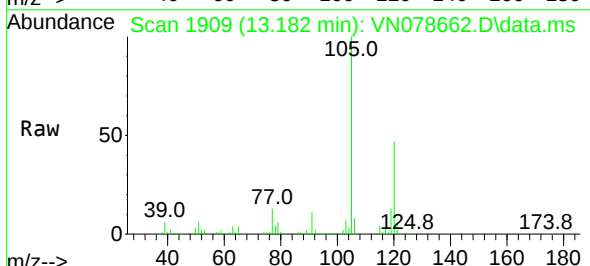
Tgt Ion: 91 Resp: 331249
Ion Ratio Lower Upper
91 100
126 35.0 16.3 48.8

Manual Integrations
APPROVED

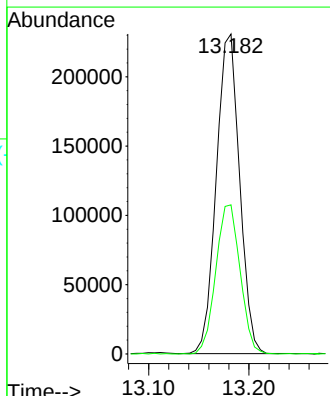
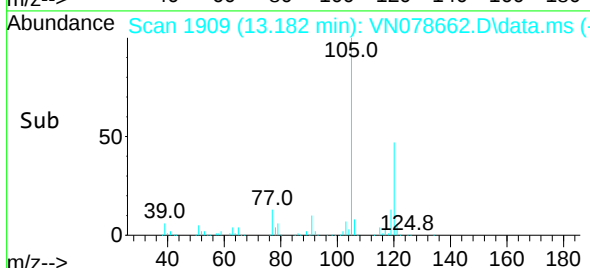
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

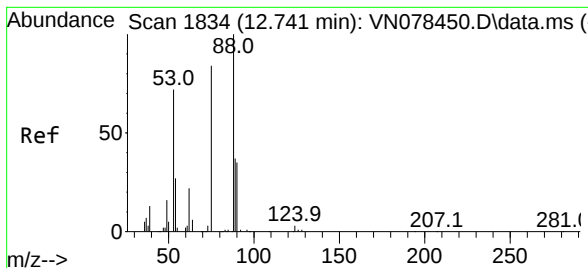


#80
1,3,5-Trimethylbenzene
Concen: 18.984 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07



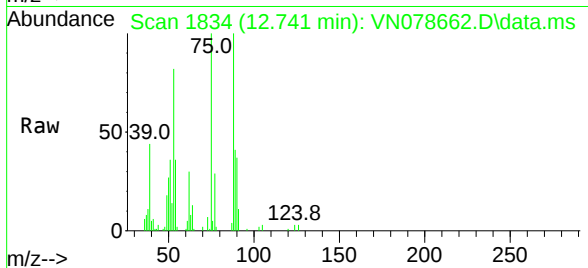
Tgt Ion:105 Resp: 371505
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 21.530 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

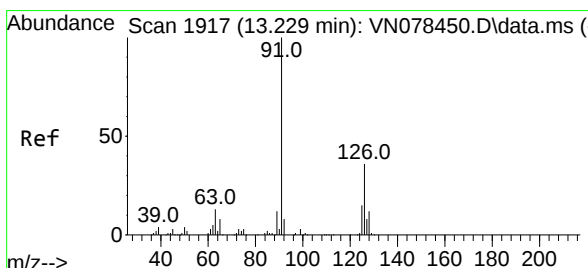
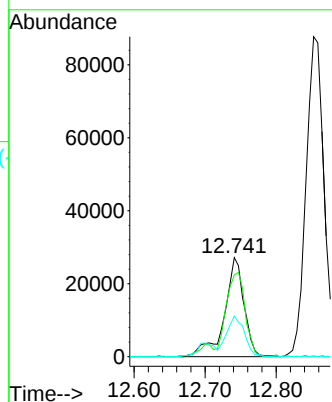
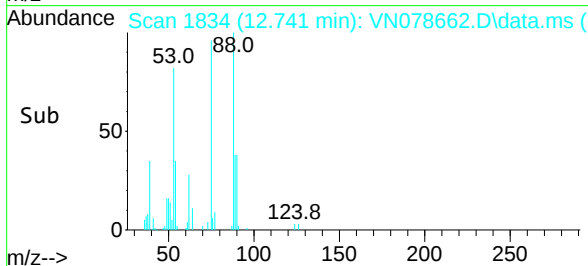
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion: 75 Resp: 52200
Ion Ratio Lower Upper
75 100
53 82.1 67.4 101.2
89 37.0 38.8 58.2

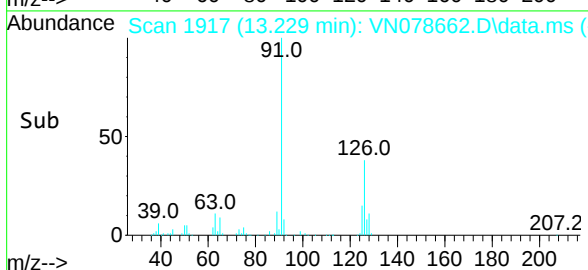
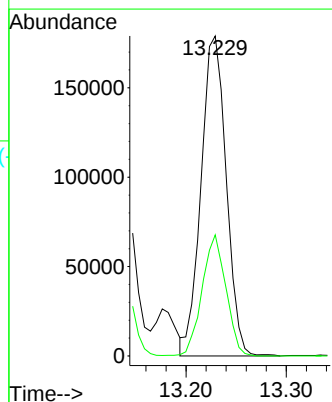
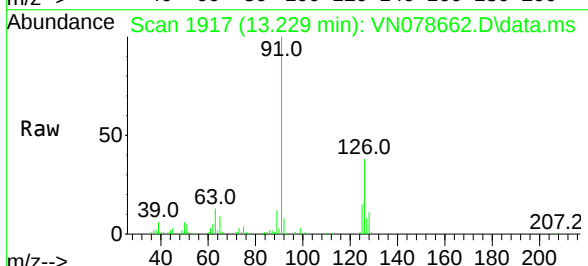
Manual Integrations
APPROVED

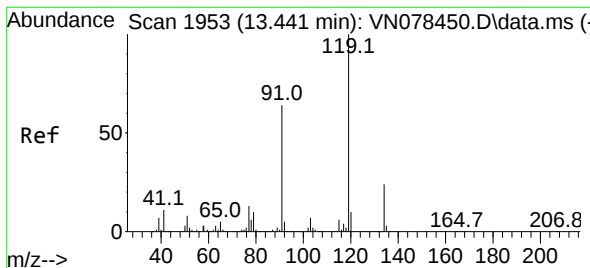
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#82
4-Chlorotoluene
Concen: 19.329 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

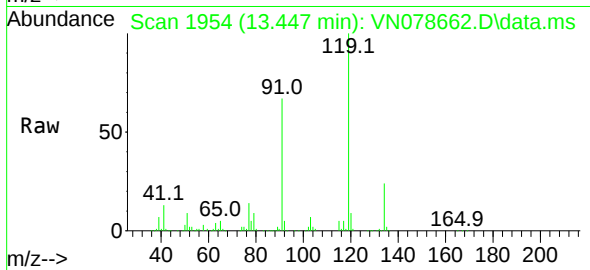
Tgt Ion: 91 Resp: 312850
Ion Ratio Lower Upper
91 100
126 35.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.634 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

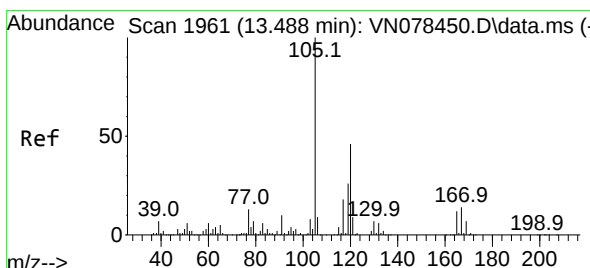
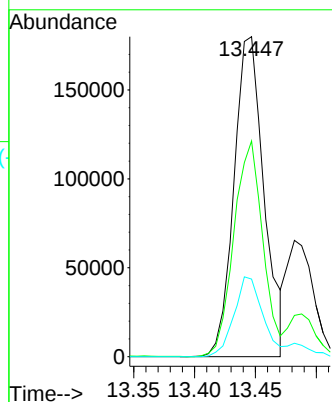
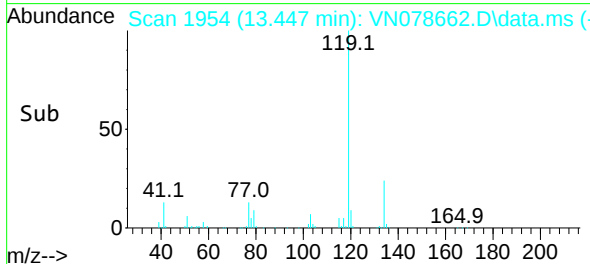
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



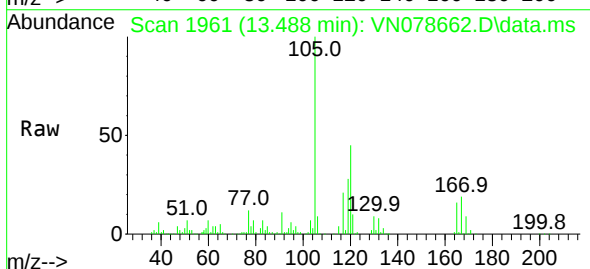
Tgt Ion:119 Resp: 309604
Ion Ratio Lower Upper
119 100
91 65.1 33.9 101.7
134 24.4 13.2 39.6

Manual Integrations
APPROVED

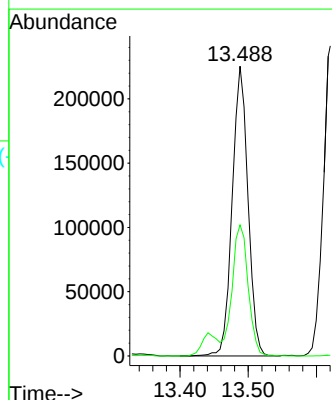
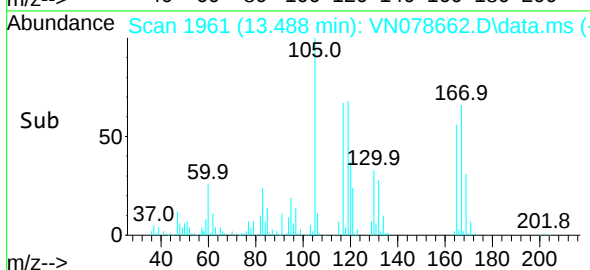
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

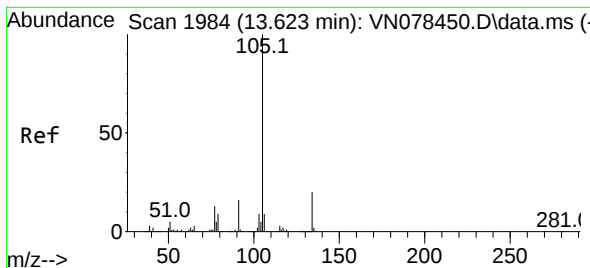


#84
1,2,4-Trimethylbenzene
Concen: 19.074 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07



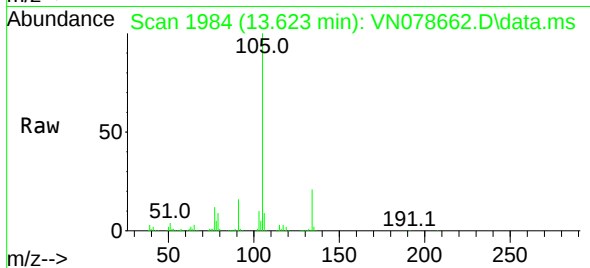
Tgt Ion:105 Resp: 362573
Ion Ratio Lower Upper
105 100
120 45.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.911 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078662.D
 Acq: 27 Jul 2023 16:07

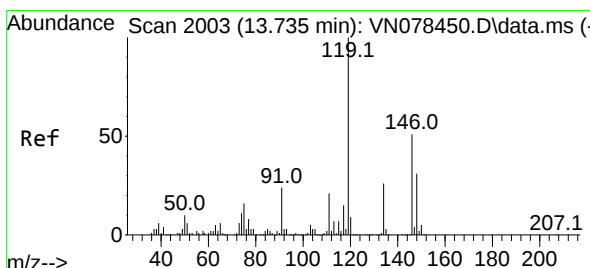
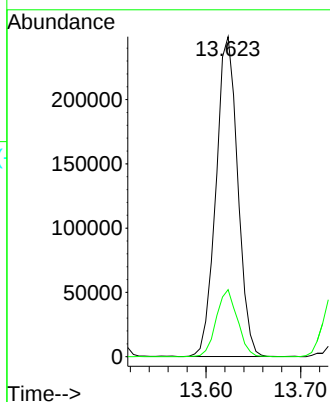
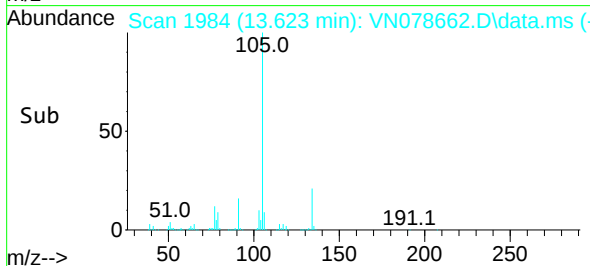
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01



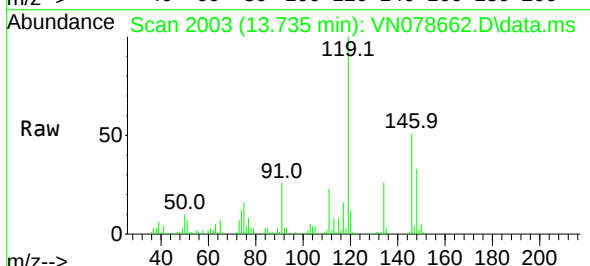
Tgt Ion:105 Resp: 397154
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3

Manual Integrations
 APPROVED

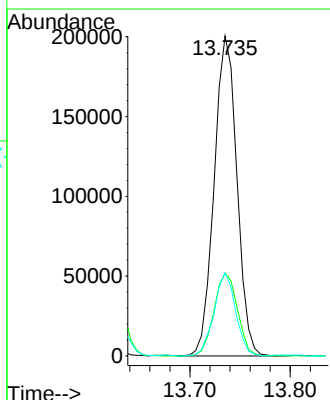
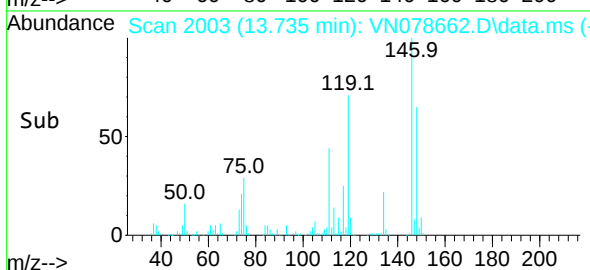
Reviewed By :John Carlone 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023

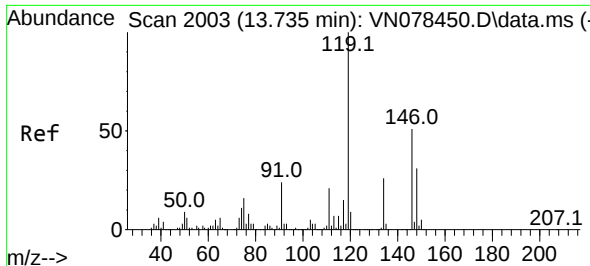


#86
 p-Isopropyltoluene
 Concen: 18.721 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078662.D
 Acq: 27 Jul 2023 16:07



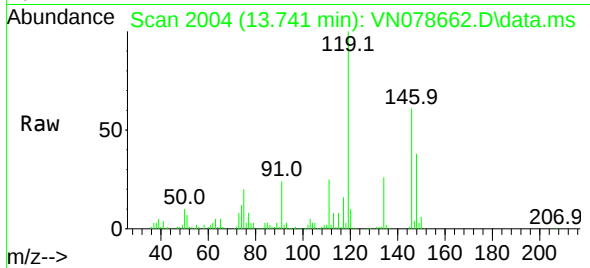
Tgt Ion:119 Resp: 315688
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.6 37.8
 91 24.7 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.679 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

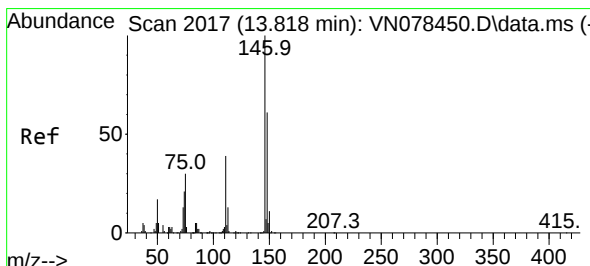
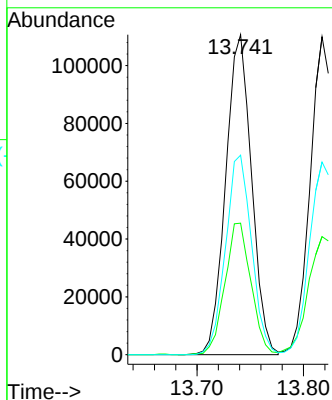
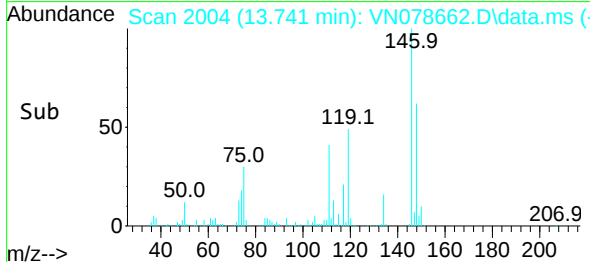
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion:146 Resp: 187111
Ion Ratio Lower Upper
146 100
111 41.4 22.1 66.3
148 62.8 32.0 96.0

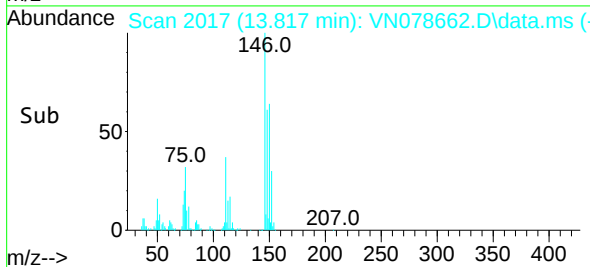
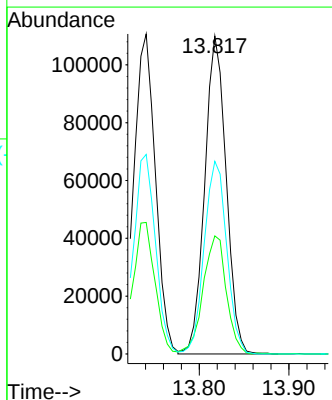
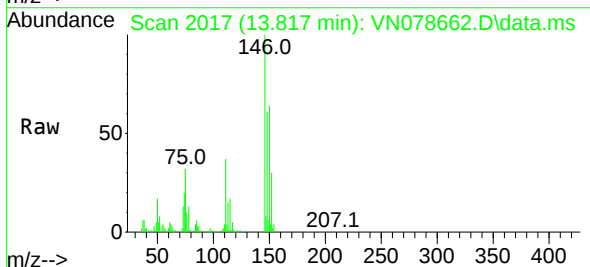
Manual Integrations
APPROVED

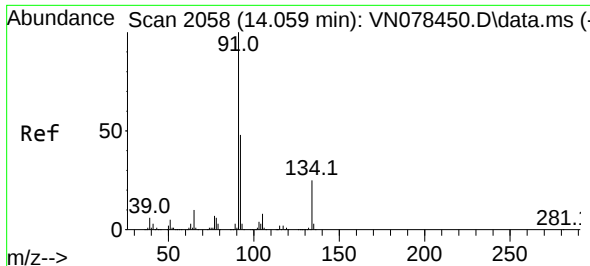
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#88
1,4-Dichlorobenzene
Concen: 19.073 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

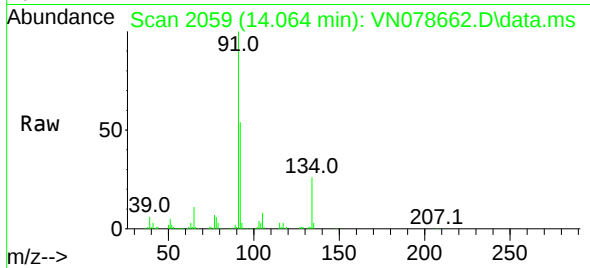
Tgt Ion:146 Resp: 182668
Ion Ratio Lower Upper
146 100
111 40.2 20.6 61.8
148 63.7 31.6 94.8





#89
n-Butylbenzene
Concen: 18.811 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.005 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

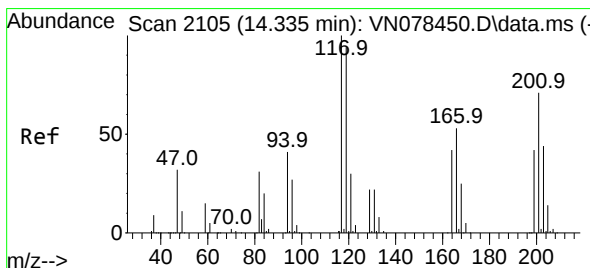
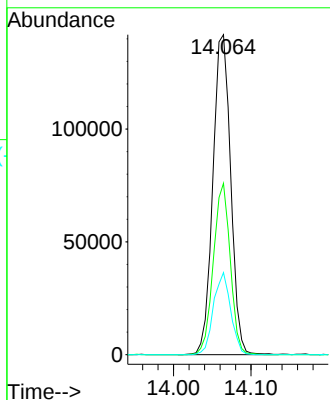
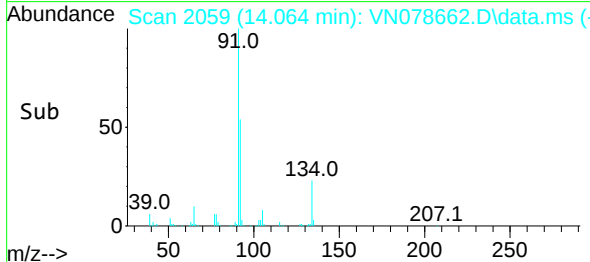
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion: 91 Resp: 226972
Ion Ratio Lower Upper
91 100
92 50.7 26.4 79.0
134 24.8 12.6 37.6

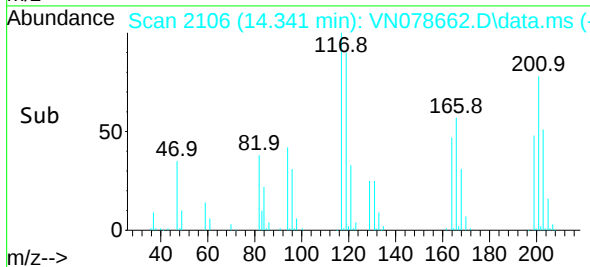
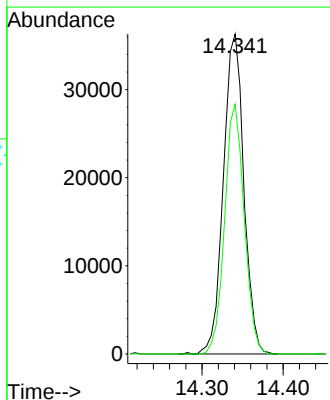
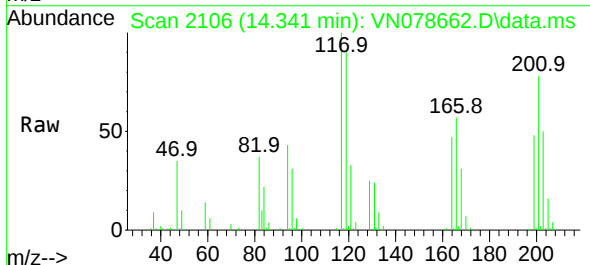
Manual Integrations
APPROVED

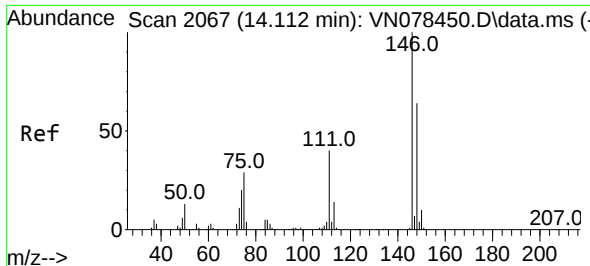
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#90
Hexachloroethane
Concen: 20.012 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

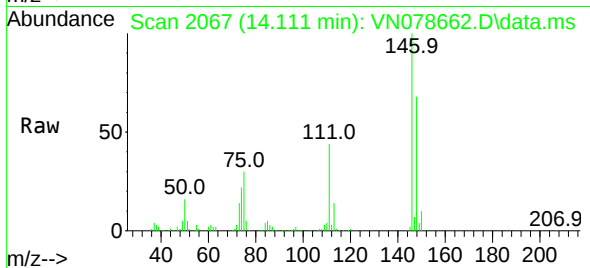
Tgt Ion:117 Resp: 63543
Ion Ratio Lower Upper
117 100
201 74.8 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 19.876 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

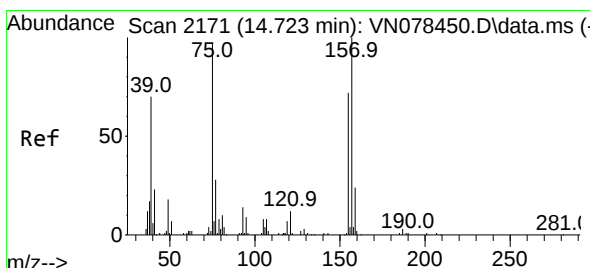
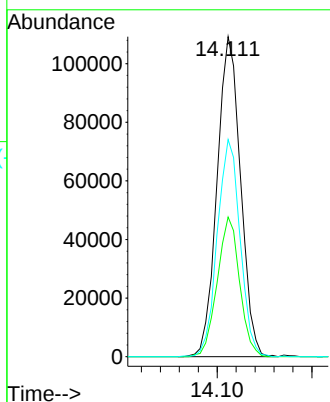
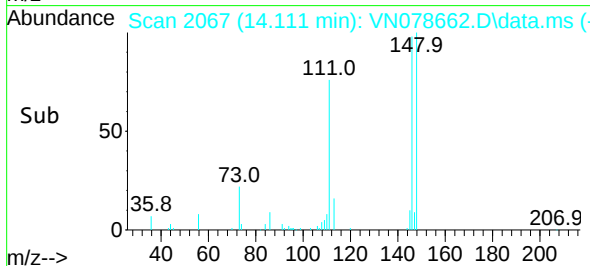
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



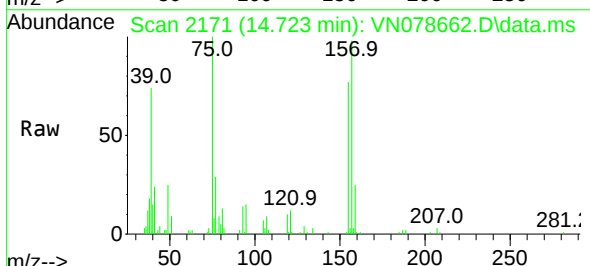
Tgt Ion:146 Resp: 188080
Ion Ratio Lower Upper
146 100
111 41.5 22.0 66.0
148 65.9 31.8 95.3

Manual Integrations
APPROVED

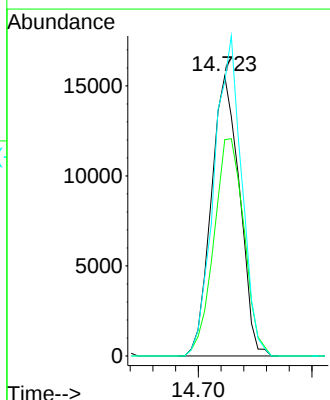
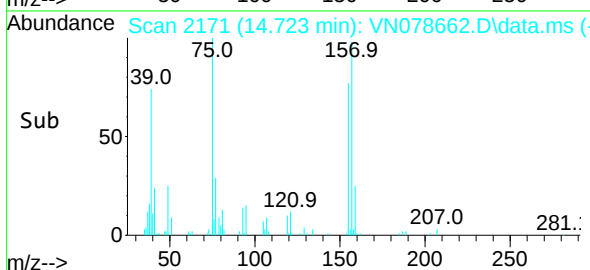
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

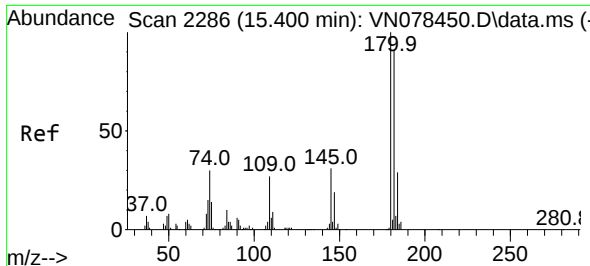


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.698 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07



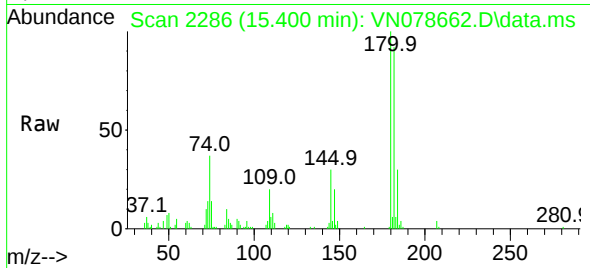
Tgt Ion: 75 Resp: 27017
Ion Ratio Lower Upper
75 100
155 82.4 39.1 117.2
157 110.8 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 16.669 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07

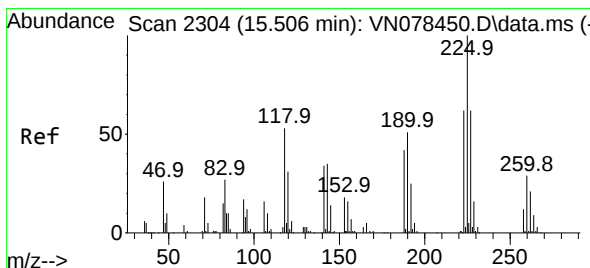
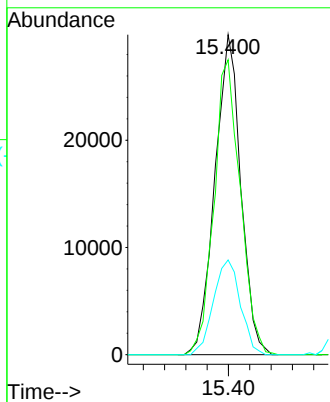
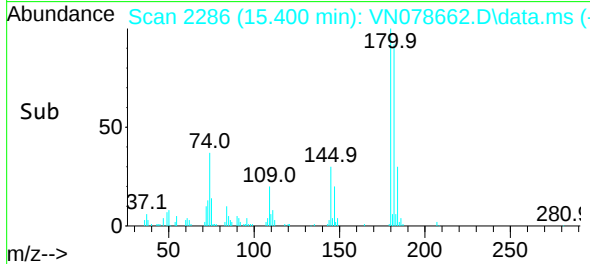
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



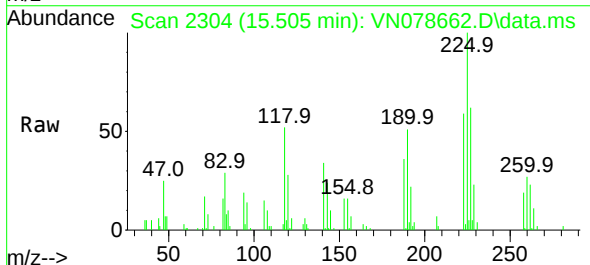
Tgt Ion:180 Resp: 50340
Ion Ratio Lower Upper
180 100
182 93.4 46.1 138.2
145 30.8 16.6 49.8

Manual Integrations
APPROVED

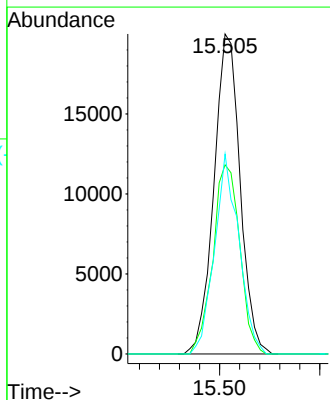
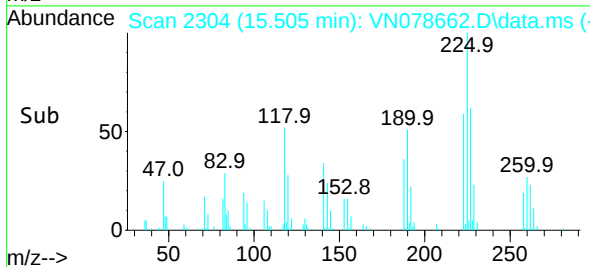
Reviewed By :John Carlone 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

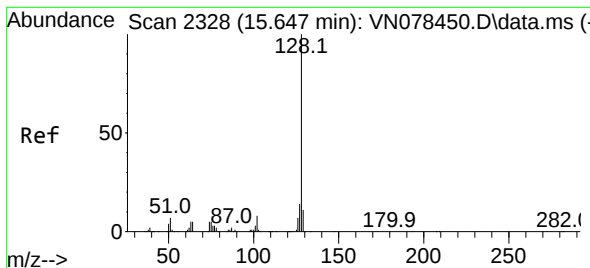


#94
Hexachlorobutadiene
Concen: 20.780 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078662.D
Acq: 27 Jul 2023 16:07



Tgt Ion:225 Resp: 36243
Ion Ratio Lower Upper
225 100
223 60.8 31.3 93.8
227 58.3 31.9 95.9





#95

Naphthalene

Concen: 14.997 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078662.D

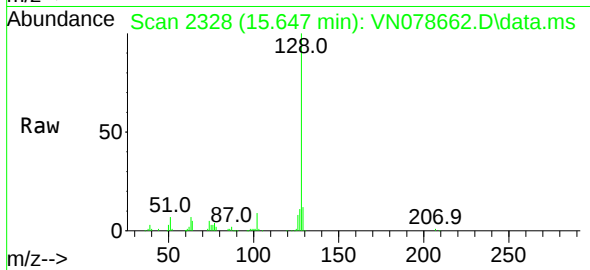
Acq: 27 Jul 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01



Tgt Ion:128 Resp: 154830

Ion Ratio Lower Upper

128 100

127 12.3 10.0 15.0

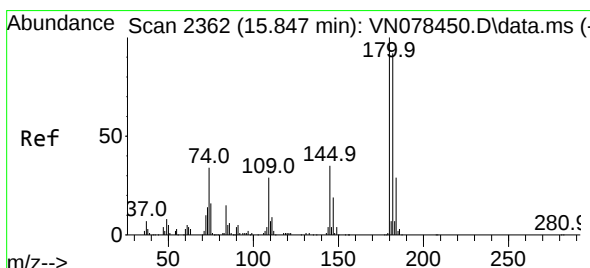
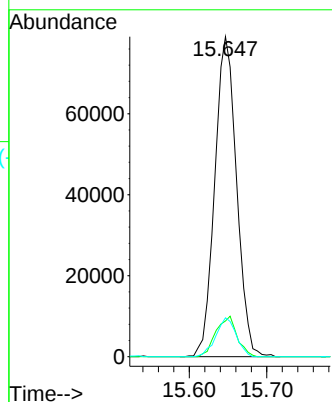
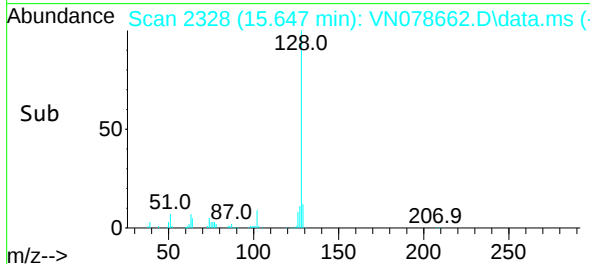
129 11.4 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.705 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078662.D

Acq: 27 Jul 2023 16:07

Tgt Ion:180 Resp: 61482

Ion Ratio Lower Upper

180 100

182 95.8 46.2 138.6

145 31.0 17.5 52.6

