

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072723\
 Data File : VN078657.D
 Acq On : 27 Jul 2023 12:56
 Operator : JC\MD
 Sample : VN0727MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/27/2023
 Supervised By : Semsettin Yesilyurt 07/28/2023

Quant Time: Jul 27 16:00:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	741507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1270171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	757999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	271384	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.588	65	524810	52.794	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.580%	
35) Dibromofluoromethane	8.177	113	443887	51.481	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.960%	
50) Toluene-d8	10.577	98	1513133	46.454	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.900%	
62) 4-Bromofluorobenzene	12.853	95	288665	28.771	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 57.540%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.136	85	105345	11.587	ug/l	97
3) Chloromethane	2.371	50	140247	14.193	ug/l	96
4) Vinyl Chloride	2.518	62	147802	11.563	ug/l	95
5) Bromomethane	2.953	94	112624	9.947	ug/l	93
6) Chloroethane	3.124	64	124809	14.788	ug/l	99
7) Trichlorofluoromethane	3.501	101	296110	19.379	ug/l	98
8) Diethyl Ether	3.965	74	108645	21.341	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.377	101	161273	19.938	ug/l	98
10) Methyl Iodide	4.595	142	215582	19.395	ug/l	96
11) Tert butyl alcohol	5.542	59	170850	111.457	ug/l	99
12) 1,1-Dichloroethene	4.353	96	155083	19.821	ug/l	91
13) Acrolein	4.195	56	199128	132.035	ug/l	98
14) Allyl chloride	5.036	41	218017	20.392	ug/l	96
15) Acrylonitrile	5.730	53	434366	112.152	ug/l	100
16) Acetone	4.442	43	327406	105.733	ug/l	99
17) Carbon Disulfide	4.718	76	428677	18.947	ug/l	100
18) Methyl Acetate	5.042	43	293847	22.417	ug/l #	88
19) Methyl tert-butyl Ether	5.806	73	539403	20.924	ug/l	92
20) Methylene Chloride	5.289	84	190326	20.712	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	167145	18.957	ug/l	89
22) Diisopropyl ether	6.683	45	529639	22.124	ug/l	94
23) Vinyl Acetate	6.618	43	1629999	107.101	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	323246	20.039	ug/l	95
25) 2-Butanone	7.494	43	543008	111.401	ug/l	89
26) 2,2-Dichloropropane	7.500	77	254718	19.306	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	202323	19.836	ug/l	91
28) Bromochloromethane	7.818	49	161029	21.194	ug/l	86
29) Tetrahydrofuran	7.853	42	349524	109.281	ug/l #	83
30) Chloroform	7.971	83	338987	20.185	ug/l	93
31) Cyclohexane	8.265	56	259424	19.310	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	290233	19.275	ug/l	99
36) 1,1-Dichloropropene	8.383	75	240694	19.333	ug/l	97
37) Ethyl Acetate	7.577	43	220807	21.276	ug/l	96
38) Carbon Tetrachloride	8.371	117	254451	18.805	ug/l	97
39) Methylcyclohexane	9.606	83	223159	19.637	ug/l	88
40) Benzene	8.618	78	749642	20.325	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	124595	23.550	ug/l	87
42) 1,2-Dichloroethane	8.677	62	263147	20.975	ug/l	98
43) Isopropyl Acetate	8.700	43	397722	23.277	ug/l #	91
44) Trichloroethene	9.359	130	180408	18.148	ug/l	100
45) 1,2-Dichloropropane	9.630	63	195074	20.882	ug/l	98
46) Dibromomethane	9.718	93	132848	20.205	ug/l	93
47) Bromodichloromethane	9.894	83	262713	19.933	ug/l	98
48) Methyl methacrylate	9.688	41	175222	22.135	ug/l	81
49) 1,4-Dioxane	9.700	88	72210	418.280	ug/l #	87
51) 4-Methyl-2-Pentanone	10.453	43	1093269	107.569	ug/l	94
52) Toluene	10.635	92	437649	19.145	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	273527	20.258	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	301986	20.982	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	176750	19.624	ug/l	96
56) Ethyl methacrylate	10.882	69	256811	20.398	ug/l #	86
57) 1,3-Dichloropropane	11.171	76	297944	19.456	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	380882	84.889	ug/l	90
59) 2-Hexanone	11.200	43	734585	101.698	ug/l	91
60) Dibromochloromethane	11.365	129	182821	18.387	ug/l	98
61) 1,2-Dibromoethane	11.476	107	168685	18.181	ug/l	99
64) Tetrachloroethene	11.106	164	143005	25.094	ug/l	98
65) Chlorobenzene	11.900	112	322195	19.016	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.971	131	112303	17.230	ug/l	98
67) Ethyl Benzene	11.971	91	485917	16.967	ug/l	100
68) m/p-Xylenes	12.076	106	371264	35.062	ug/l	98
69) o-Xylene	12.406	106	180723	16.897	ug/l	97
70) Styrene	12.418	104	293167	17.521	ug/l	98
71) Bromoform	12.582	173	79450	17.998	ug/l #	97
73) Isopropylbenzene	12.700	105	445568	17.473	ug/l	100
74) N-amyl acetate	12.500	43	159608	18.162	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	153861	19.727	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	125350m	19.109	ug/l	
77) Bromobenzene	12.988	156	111526	19.158	ug/l	92
78) n-propylbenzene	13.041	91	493126	18.082	ug/l	99
79) 2-Chlorotoluene	13.129	91	312878	17.515	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	361308	17.932	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	49402	19.790	ug/l	90
82) 4-Chlorotoluene	13.229	91	293860	17.635	ug/l	95
83) tert-Butylbenzene	13.447	119	303955	17.769	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	350113	17.890	ug/l	97
85) sec-Butylbenzene	13.623	105	383427	17.733	ug/l	99
86) p-Isopropyltoluene	13.735	119	316562	18.233	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	173366	17.709	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	174455	17.692	ug/l	99
89) n-Butylbenzene	14.059	91	222454	17.907	ug/l	97
90) Hexachloroethane	14.341	117	63924	19.535	ug/l	84
91) 1,2-Dichlorobenzene	14.112	146	173070	17.765	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23291	17.844	ug/l	89
93) 1,2,4-Trichlorobenzene	15.400	180	46858	15.070	ug/l	98
94) Hexachlorobutadiene	15.506	225	36198	20.023	ug/l	96
95) Naphthalene	15.647	128	139798	13.152	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	56708	15.862	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
VN0727MBSD01

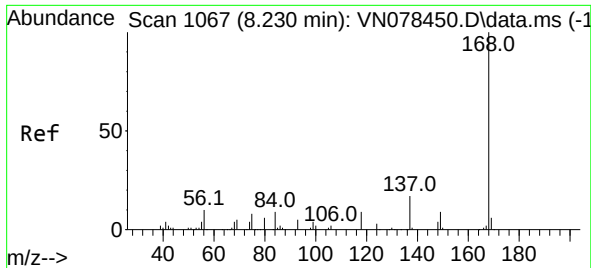
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

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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



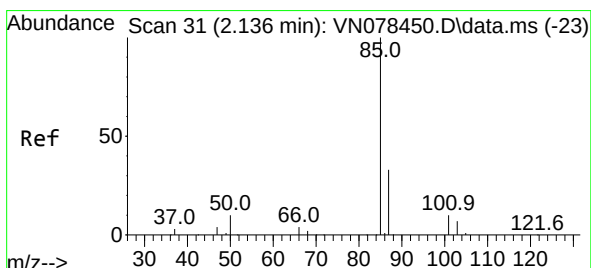
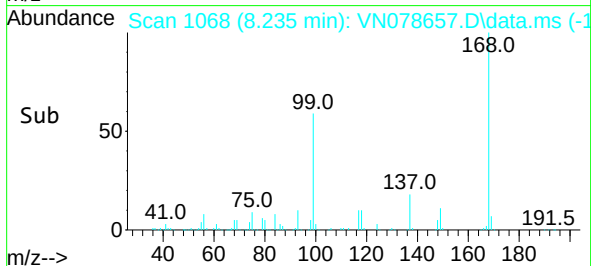
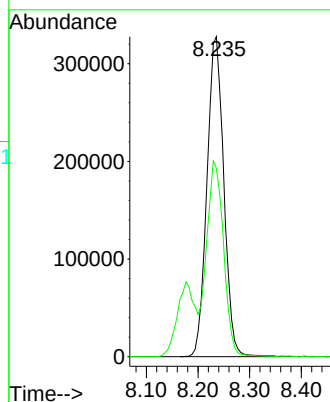
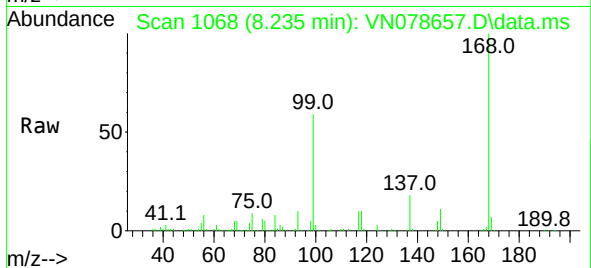
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01

Tgt Ion:168 Resp: 74150
Ion Ratio Lower Upper
168 100
99 58.7 53.0 79.6

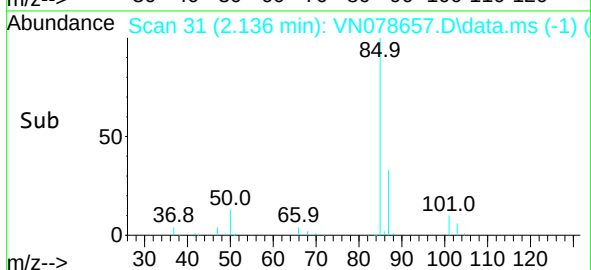
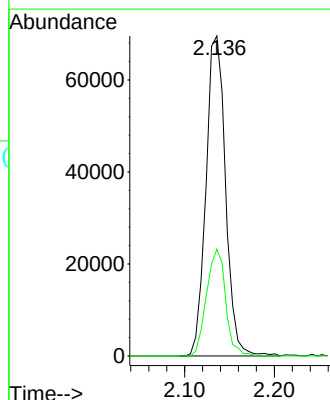
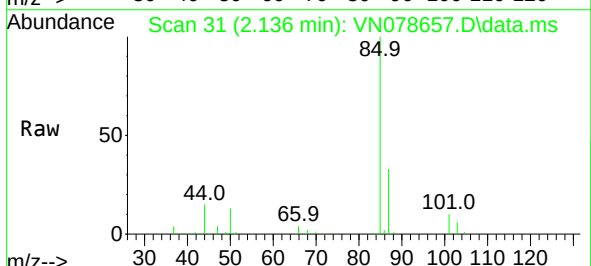
Manual Integrations
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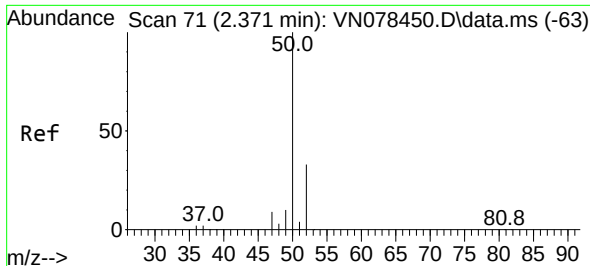
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#2
Dichlorodifluoromethane
Concen: 11.587 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

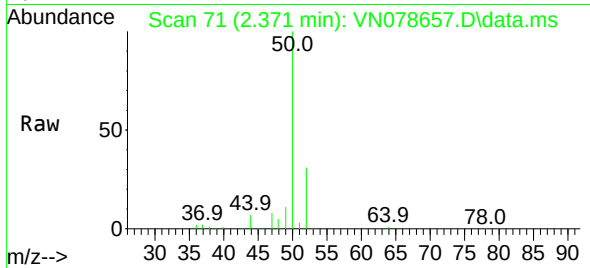
Tgt Ion: 85 Resp: 105345
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4





#3
Chloromethane
Concen: 14.193 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

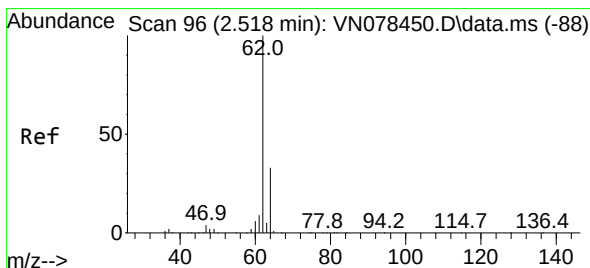
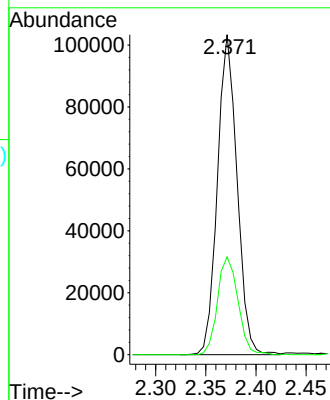
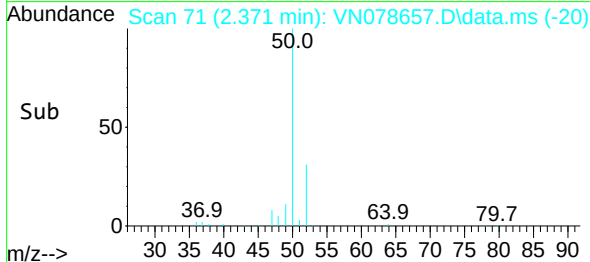
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



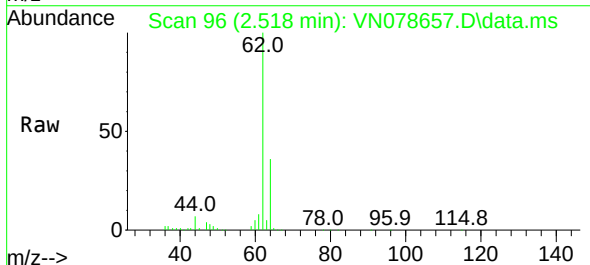
Tgt Ion: 50 Resp: 14024
Ion Ratio Lower Upper
50 100
52 30.6 26.5 39.7

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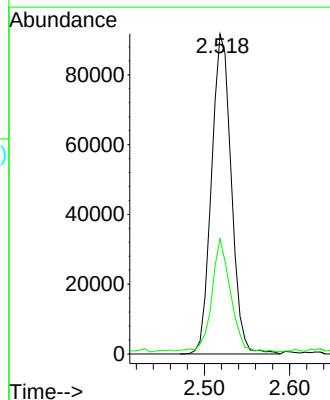
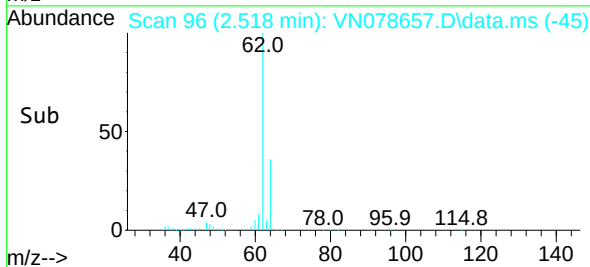
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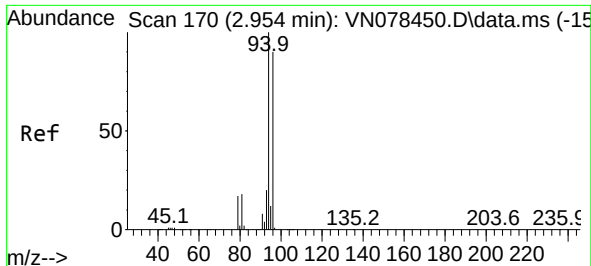


#4
Vinyl Chloride
Concen: 11.563 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56



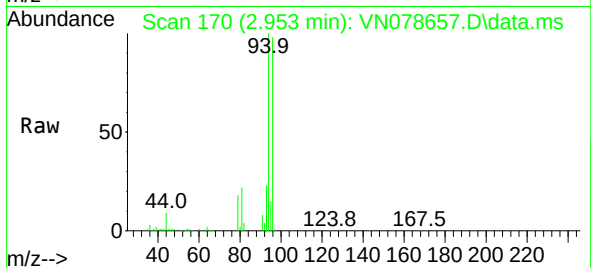
Tgt Ion: 62 Resp: 147802
Ion Ratio Lower Upper
62 100
64 35.2 26.2 39.2





#5
Bromomethane
Concen: 9.947 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

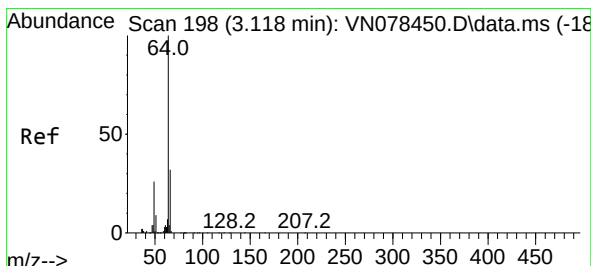
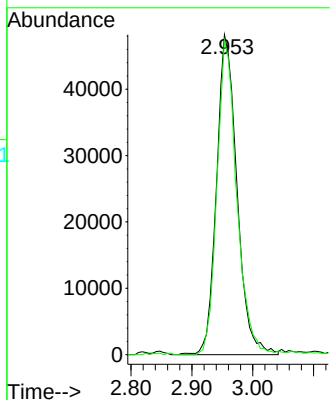
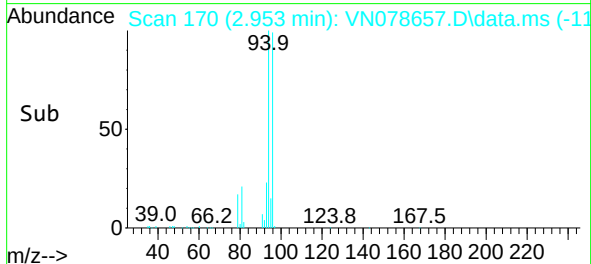
Instrument :
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Tgt Ion: 94 Resp: 112624
Ion Ratio Lower Upper
94 100
96 98.3 73.1 109.7

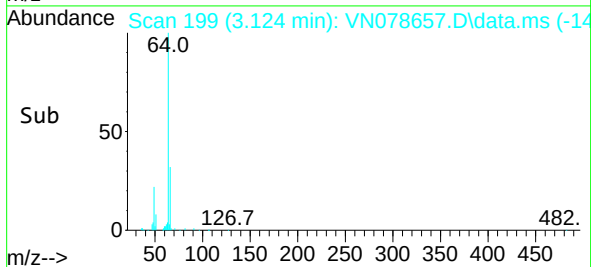
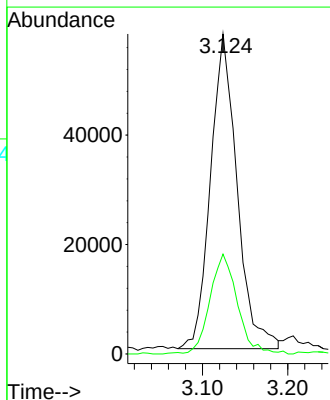
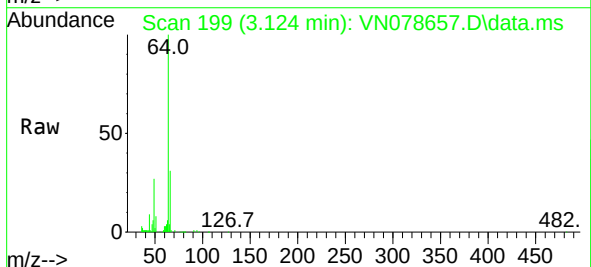
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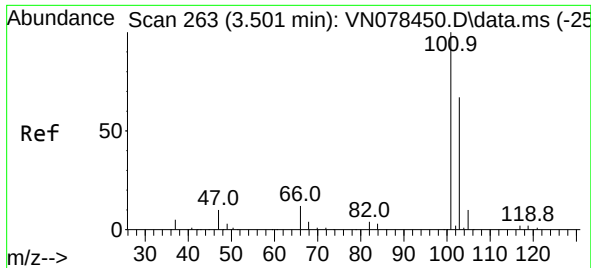
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#6
Chloroethane
Concen: 14.788 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078657.D
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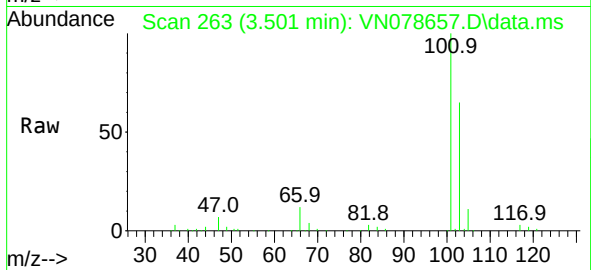
Tgt Ion: 64 Resp: 124809
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.2





#7
Trichlorofluoromethane
Concen: 19.379 ug/l
RT: 3.501 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

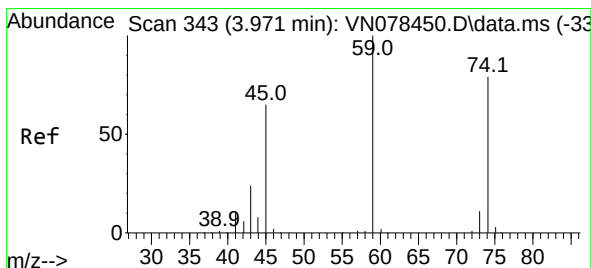
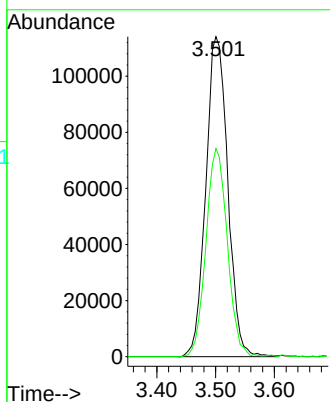
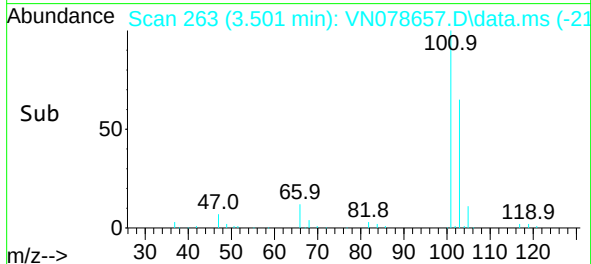
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBSD01



Tgt Ion:101 Resp: 296110
Ion Ratio Lower Upper
101 100
103 65.1 50.7 76.1

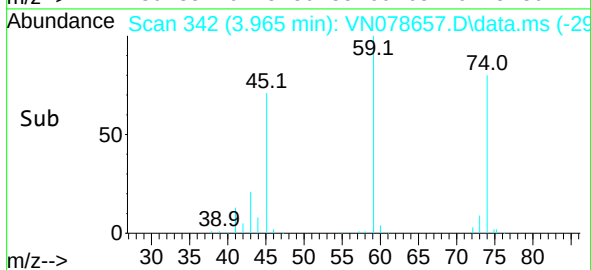
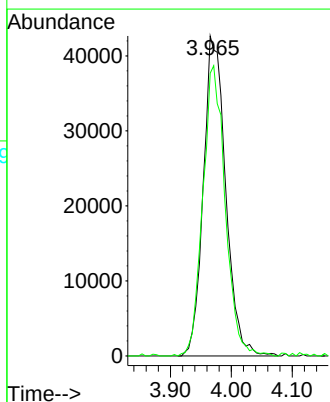
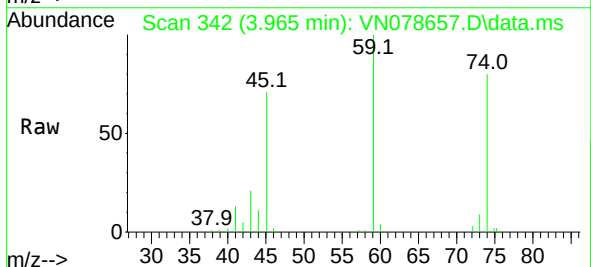
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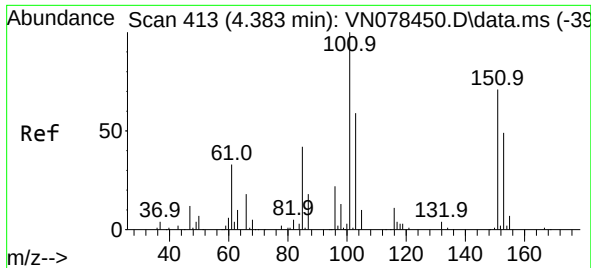
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#8
Diethyl Ether
Concen: 21.341 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

Tgt Ion: 74 Resp: 108645
Ion Ratio Lower Upper
74 100
45 91.1 34.4 103.3





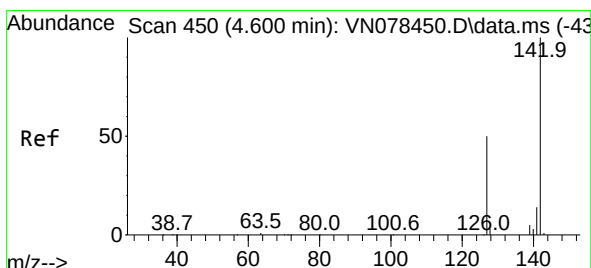
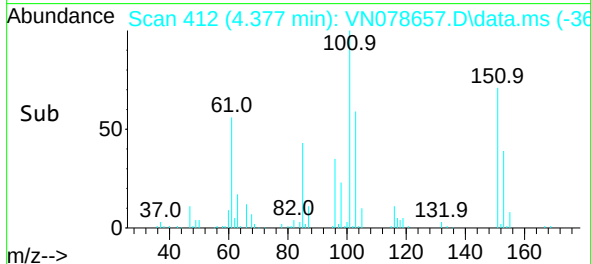
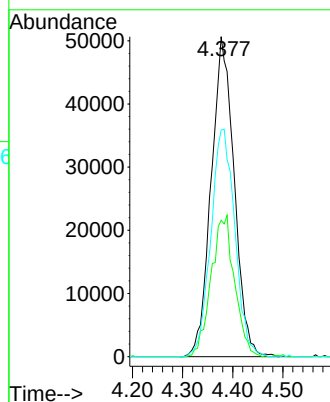
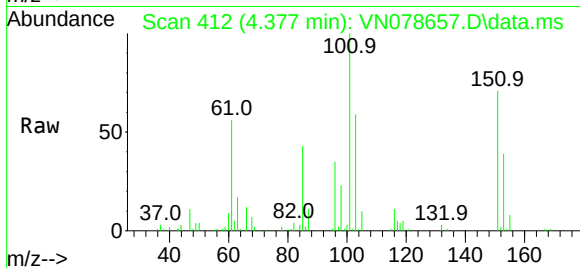
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.938 ug/l
RT: 4.377 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0727MBSD01

Tgt Ion:101 Resp: 16127
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 74.2 57.6 86.4

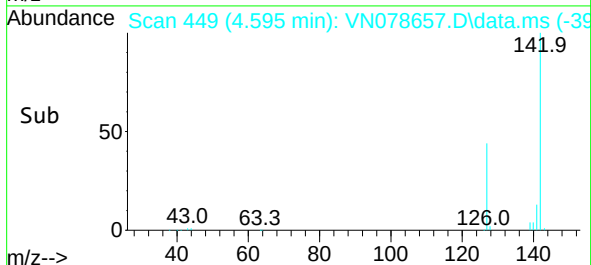
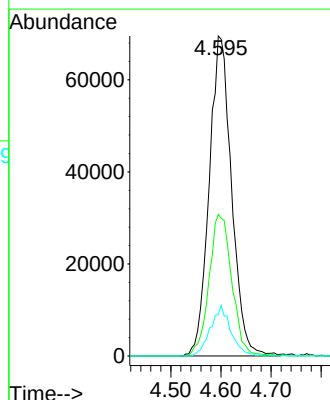
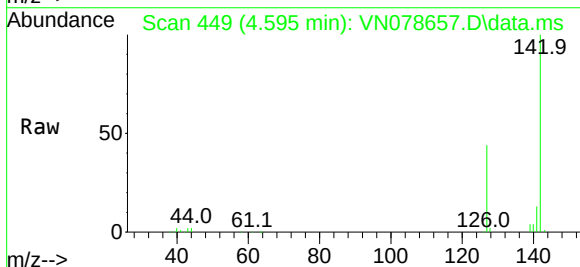
Manual Integrations
APPROVED

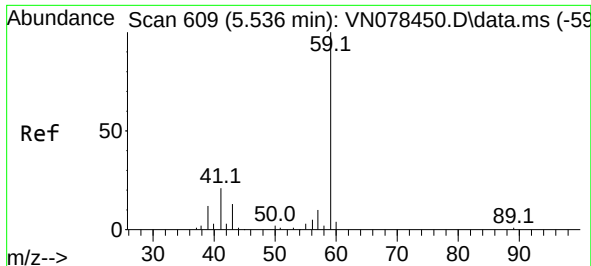
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#10
Methyl Iodide
Concen: 19.395 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

Tgt Ion:142 Resp: 215582
Ion Ratio Lower Upper
142 100
127 44.2 37.6 56.4
141 12.9 11.4 17.0





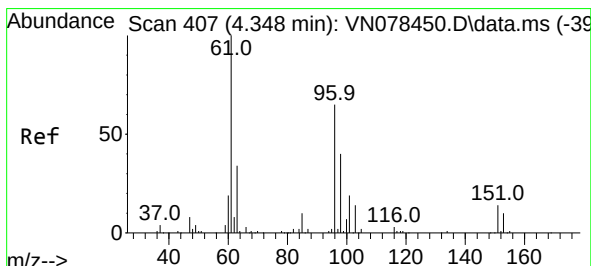
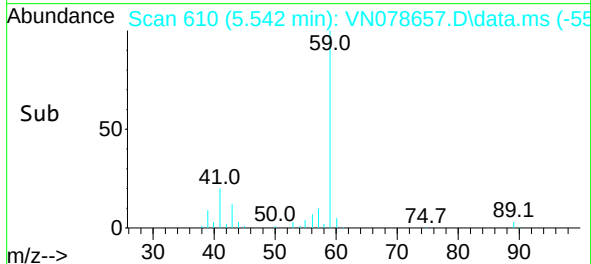
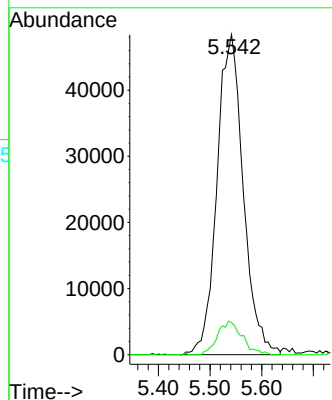
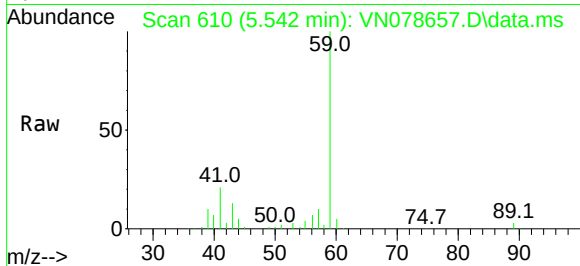
#11
Tert butyl alcohol
Concen: 111.457 ug/l
RT: 5.542 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01

Tgt Ion: 59 Resp: 170850
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4

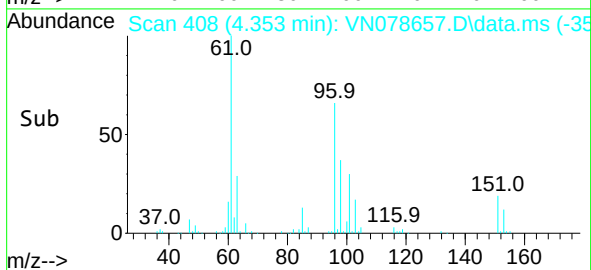
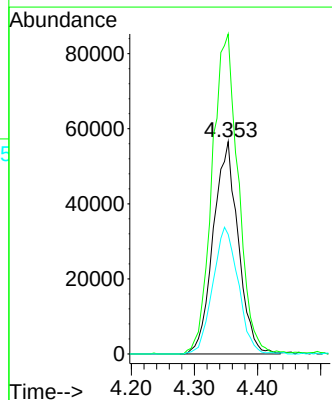
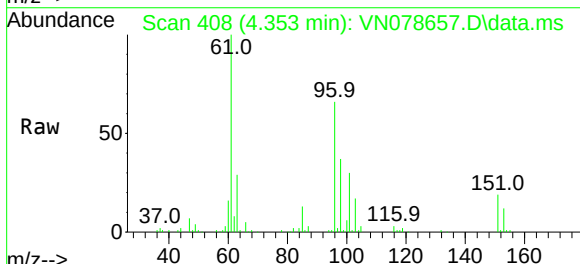
Manual Integrations
APPROVED

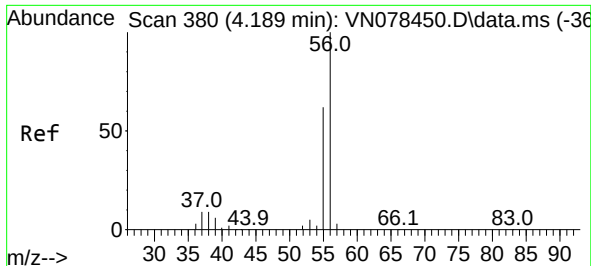
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#12
1,1-Dichloroethene
Concen: 19.821 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.005 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

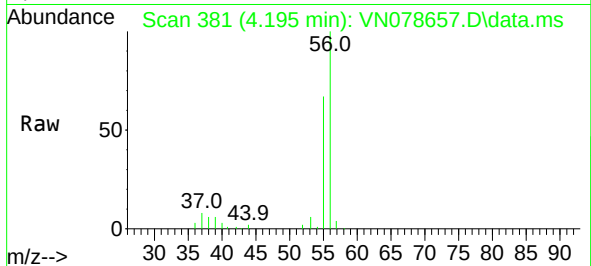
Tgt Ion: 96 Resp: 155083
Ion Ratio Lower Upper
96 100
61 150.7 112.7 169.1
98 56.3 51.2 76.8





#13
Acrolein
Concen: 132.035 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

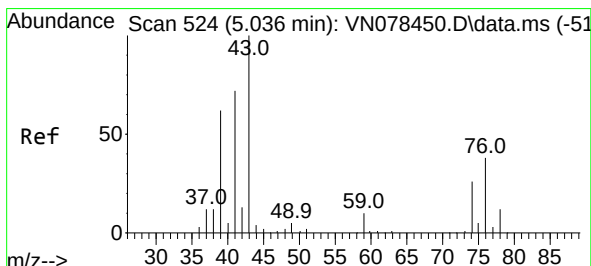
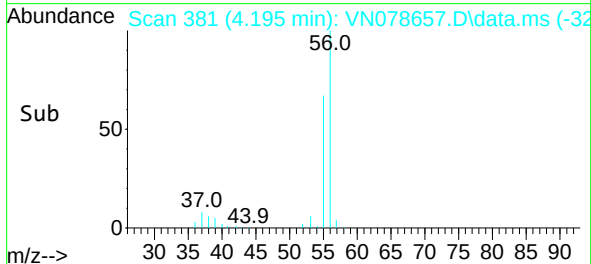
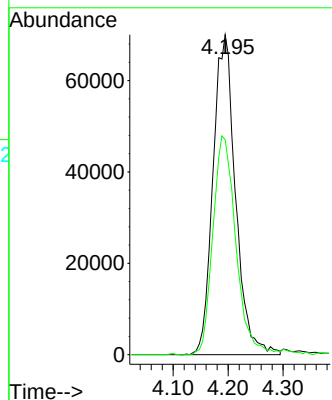
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBSD01



Tgt Ion: 56 Resp: 199128
Ion Ratio Lower Upper
56 100
55 69.8 54.5 81.7

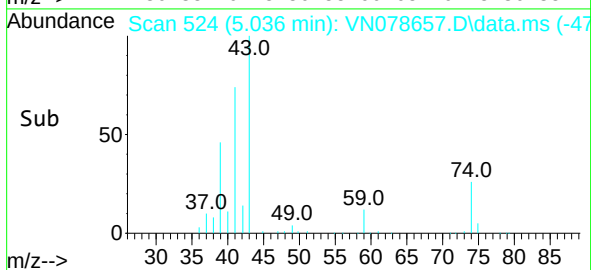
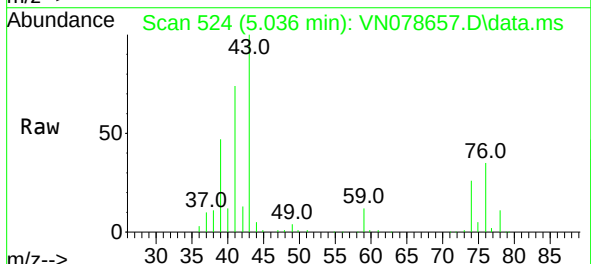
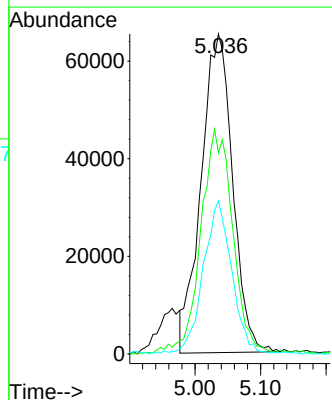
Manual Integrations
APPROVED

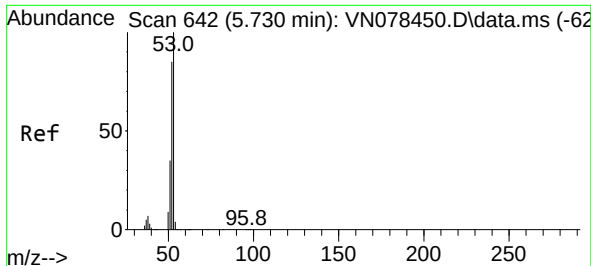
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#14
Allyl chloride
Concen: 20.392 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

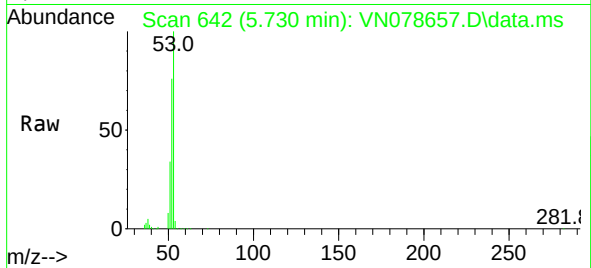
Tgt Ion: 41 Resp: 218017
Ion Ratio Lower Upper
41 100
39 71.9 58.8 88.2
76 43.7 39.1 58.7





#15
Acrylonitrile
Concen: 112.152 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

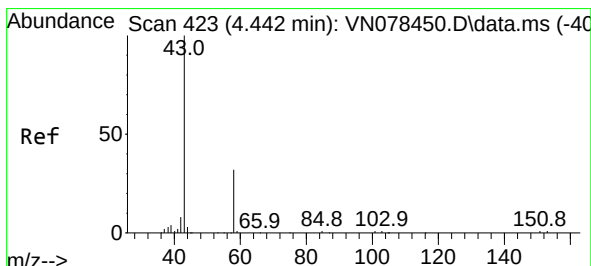
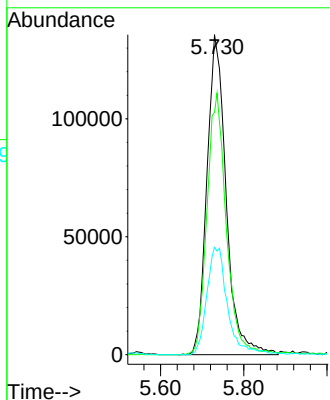
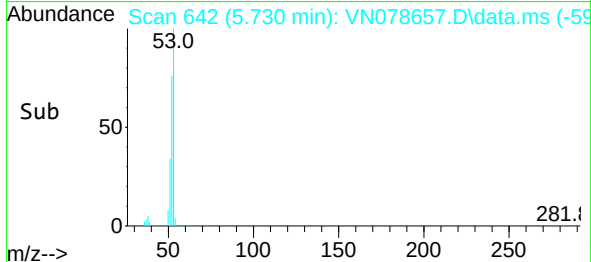
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



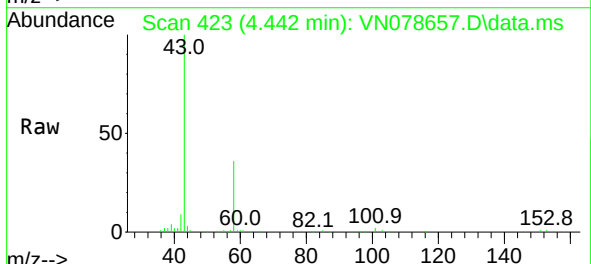
Tgt Ion: 53 Resp: 434360
Ion Ratio Lower Upper
53 100
52 81.8 65.3 97.9
51 36.0 28.9 43.3

Manual Integrations
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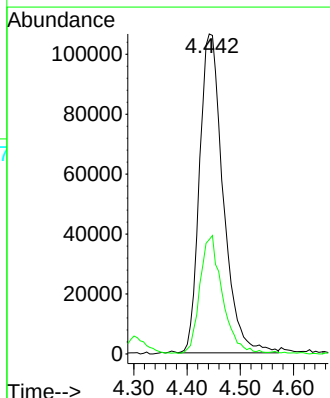
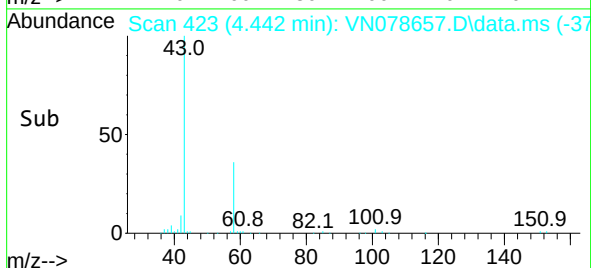
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

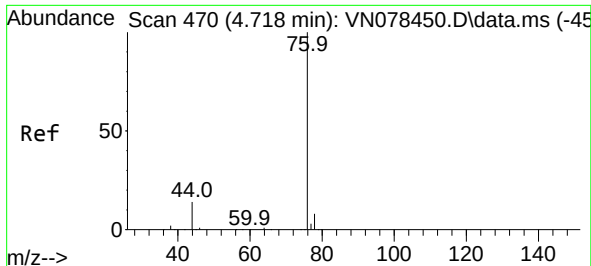


#16
Acetone
Concen: 105.733 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56



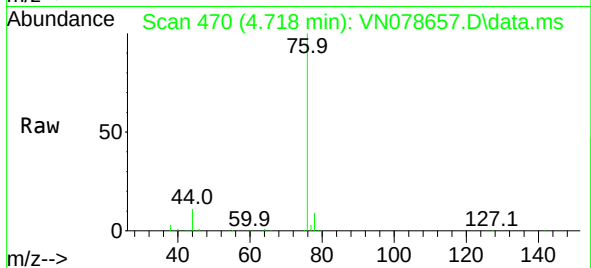
Tgt Ion: 43 Resp: 327406
Ion Ratio Lower Upper
43 100
58 35.6 28.0 42.0





#17
Carbon Disulfide
Concen: 18.947 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

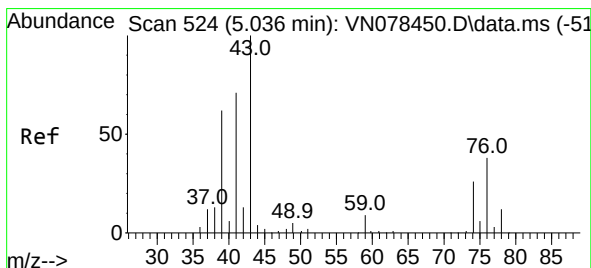
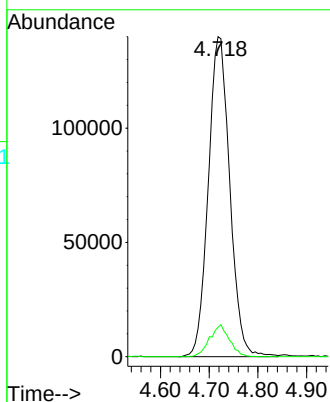
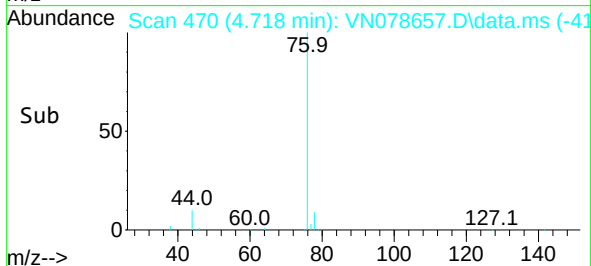
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBSD01



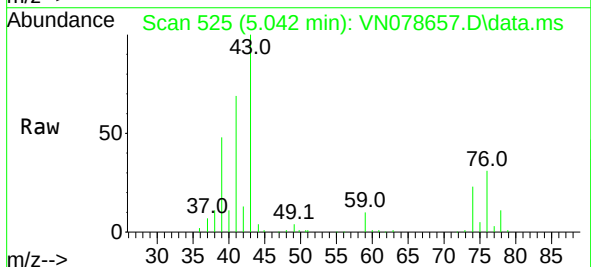
Tgt Ion: 76 Resp: 42867
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
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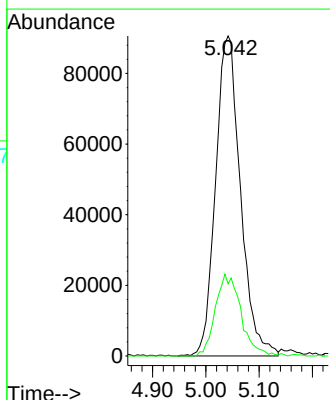
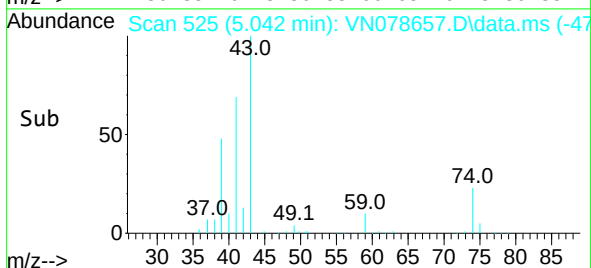
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

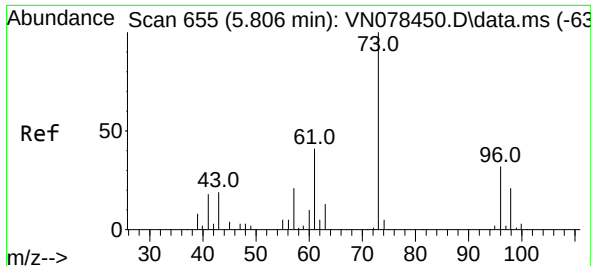


#18
Methyl Acetate
Concen: 22.417 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56



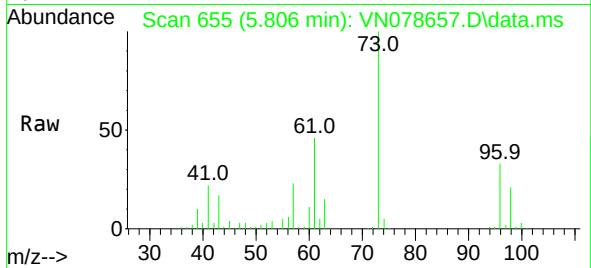
Tgt Ion: 43 Resp: 293847
Ion Ratio Lower Upper
43 100
74 26.2 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 20.924 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

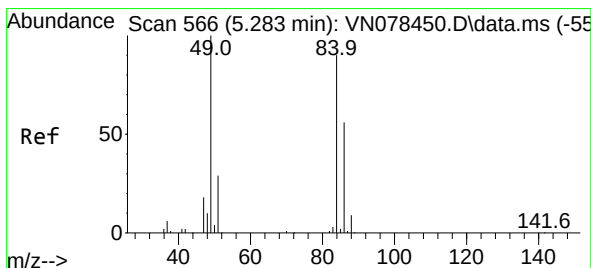
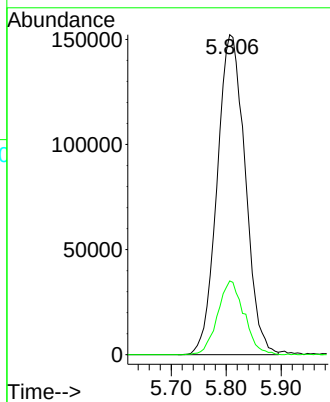
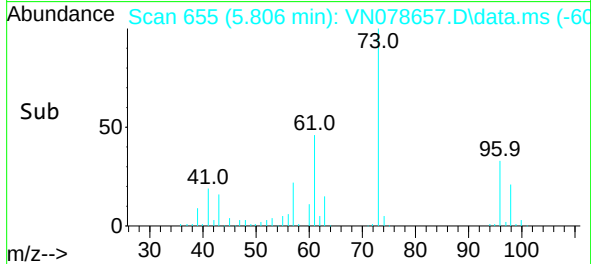
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBSD01



Tgt Ion: 73 Resp: 53940
Ion Ratio Lower Upper
73 100
57 23.1 15.6 23.4

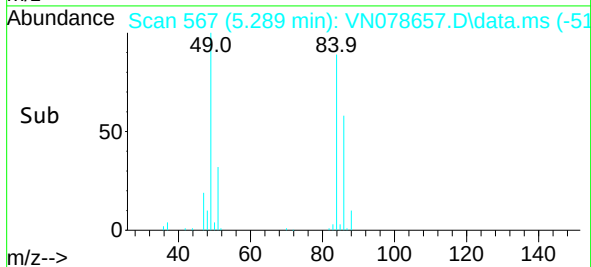
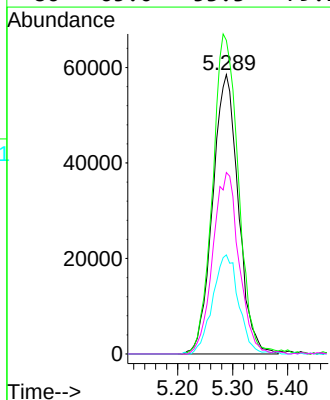
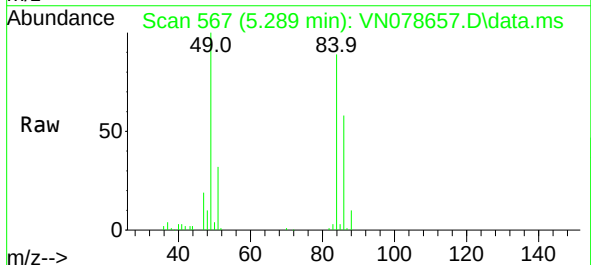
Manual Integrations
APPROVED

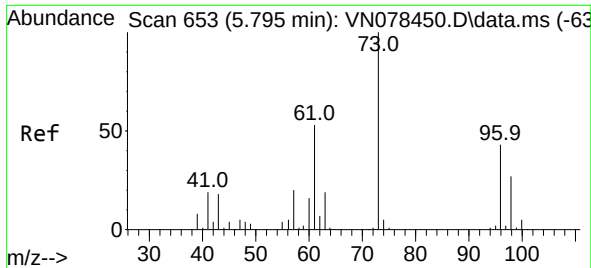
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#20
Methylene Chloride
Concen: 20.712 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

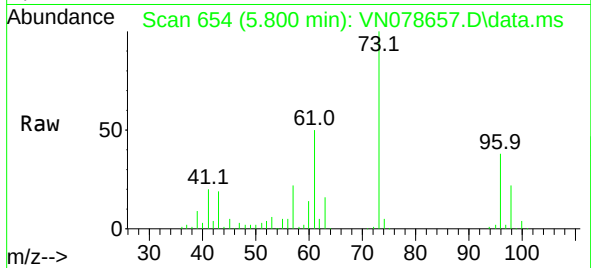
Tgt Ion: 84 Resp: 190326
Ion Ratio Lower Upper
84 100
49 112.2 79.7 119.5
51 35.4 25.2 37.8
86 65.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.957 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

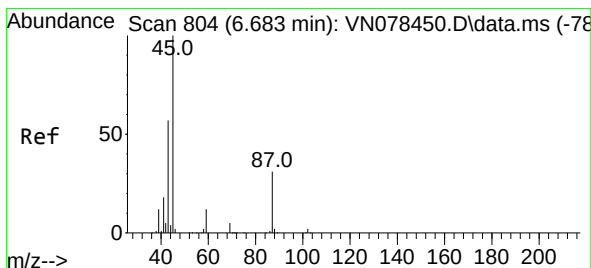
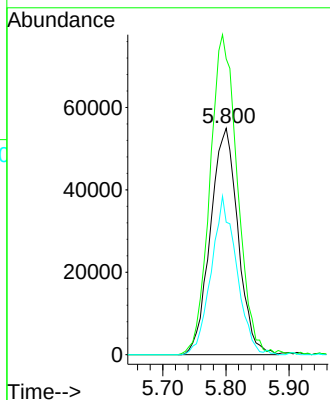
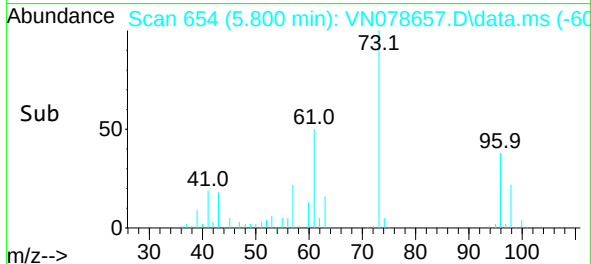
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBSD01



Tgt Ion: 96 Resp: 16714
Ion Ratio Lower Upper
96 100
61 130.7 90.1 135.1
98 58.6 46.4 69.6

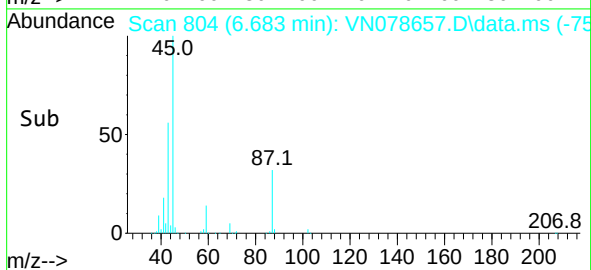
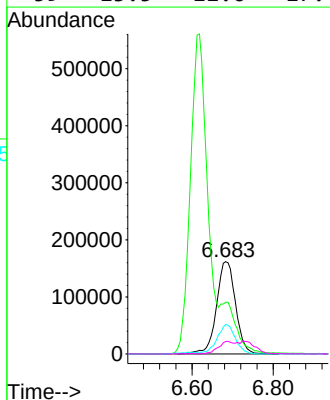
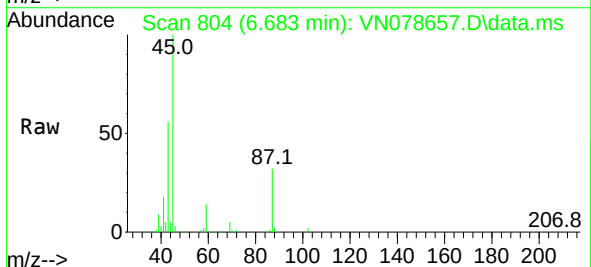
Manual Integrations
APPROVED

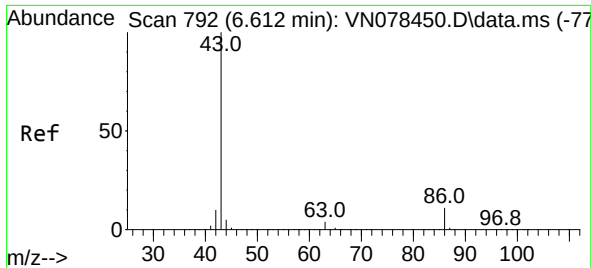
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#22
Diisopropyl ether
Concen: 22.124 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

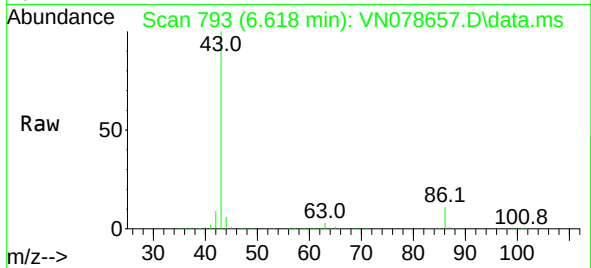
Tgt Ion: 45 Resp: 529639
Ion Ratio Lower Upper
45 100
43 54.6 45.5 68.3
87 32.0 31.8 47.8
59 13.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 107.101 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078657.D
 Acq: 27 Jul 2023 12:56

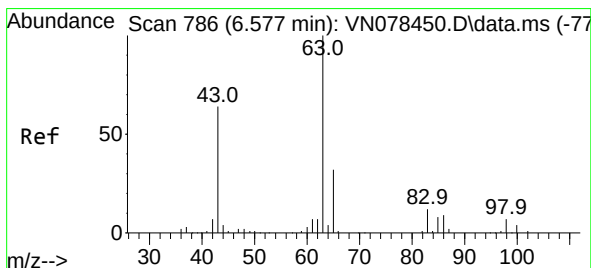
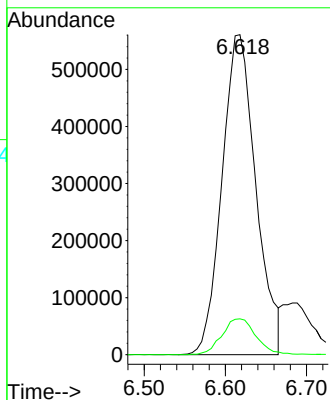
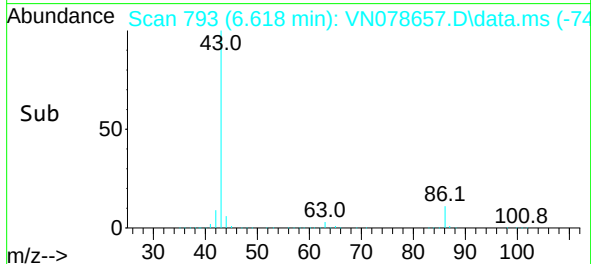
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727MBS01



Tgt Ion: 43 Resp: 162999
 Ion Ratio Lower Upper
 43 100
 86 11.2 13.0 19.6

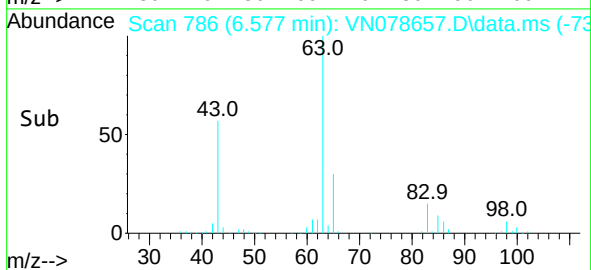
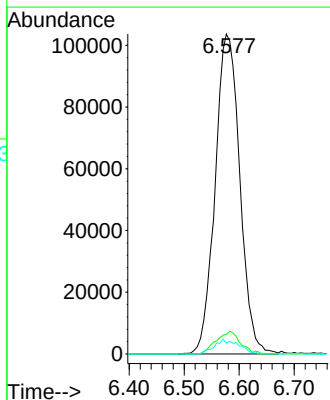
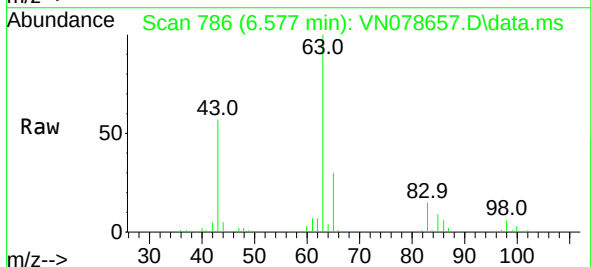
Manual Integrations
 APPROVED

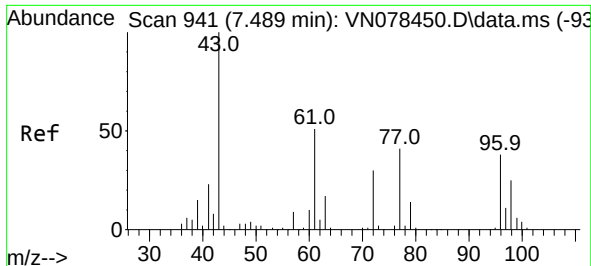
Reviewed By :John Carlone 07/27/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023



#24
 1,1-Dichloroethane
 Concen: 20.039 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078657.D
 Acq: 27 Jul 2023 12:56

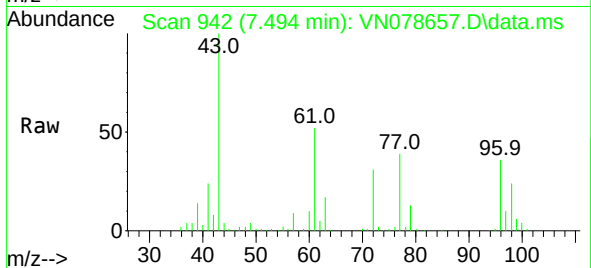
Tgt Ion: 63 Resp: 323246
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.9 11.7
 100 3.4 2.5 7.4





#25
2-Butanone
Concen: 111.401 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

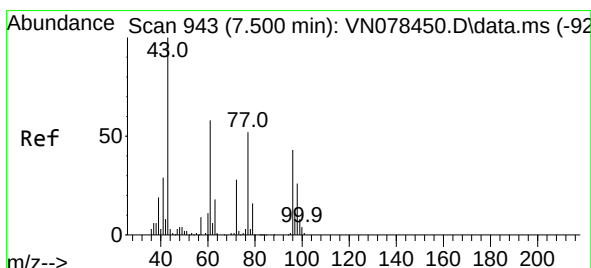
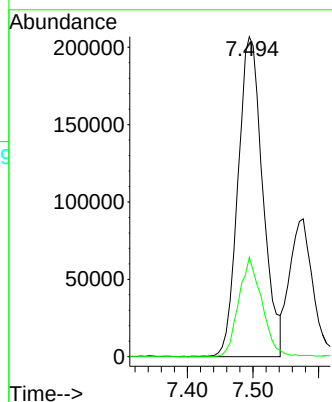
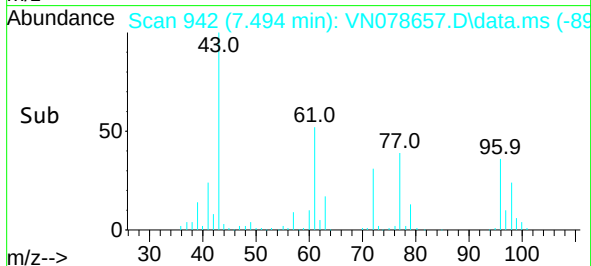
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



Tgt Ion: 43 Resp: 543008
Ion Ratio Lower Upper
43 100
72 31.1 30.2 45.2

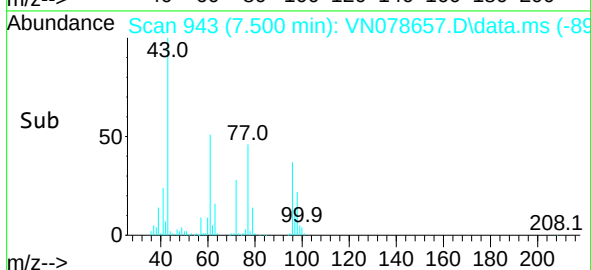
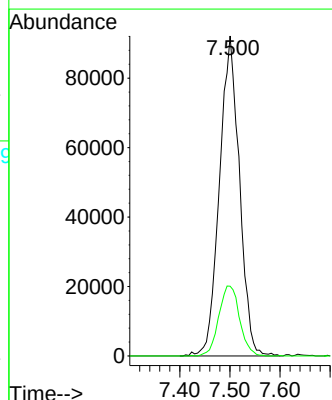
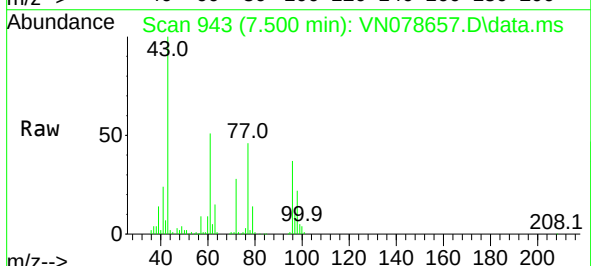
Manual Integrations
APPROVED

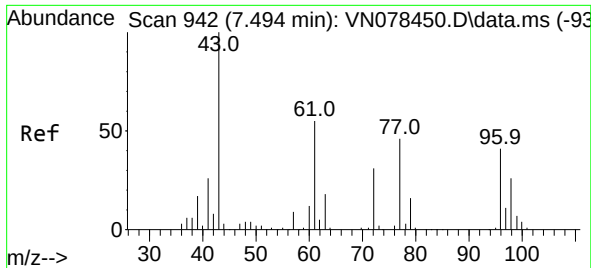
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#26
2,2-Dichloropropane
Concen: 19.306 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

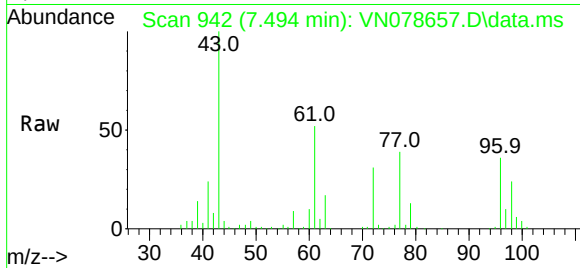
Tgt Ion: 77 Resp: 254718
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.836 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078657.D
 Acq: 27 Jul 2023 12:56

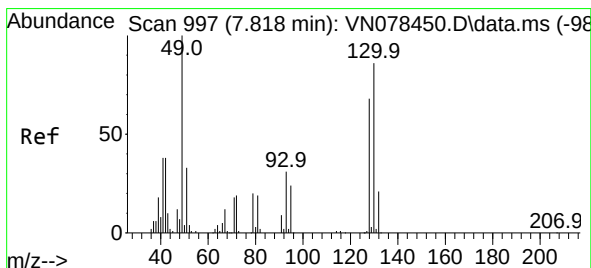
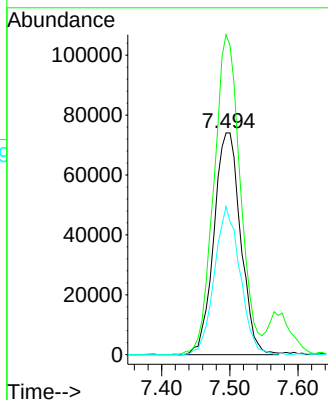
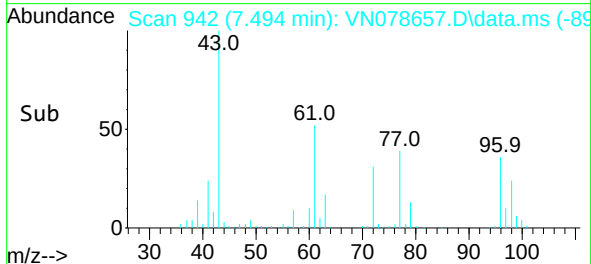
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727MBS01



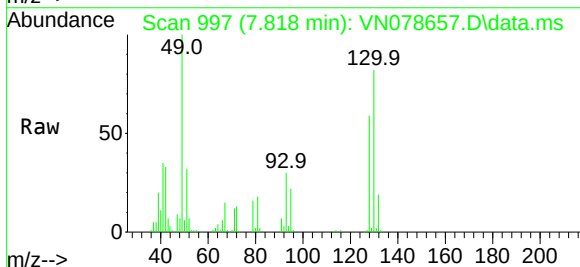
Tgt Ion: 96 Resp: 20232
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 255.2
 98 63.9 0.0 128.8

Manual Integrations
 APPROVED

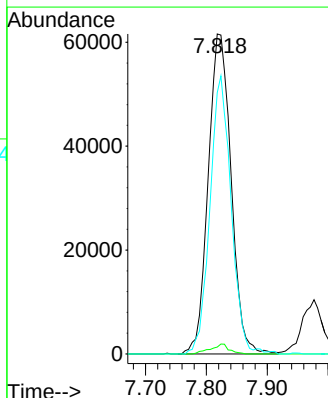
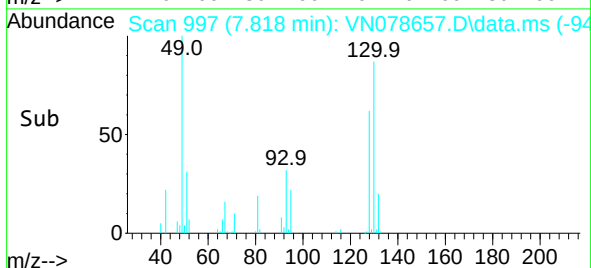
Reviewed By :John Carlone 07/27/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023

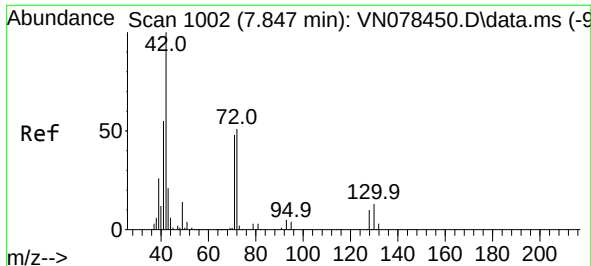


#28
 Bromochloromethane
 Concen: 21.194 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078657.D
 Acq: 27 Jul 2023 12:56



Tgt Ion: 49 Resp: 161029
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 80.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 109.281 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078657.D

Acq: 27 Jul 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBSD01

Tgt Ion: 42 Resp: 349524

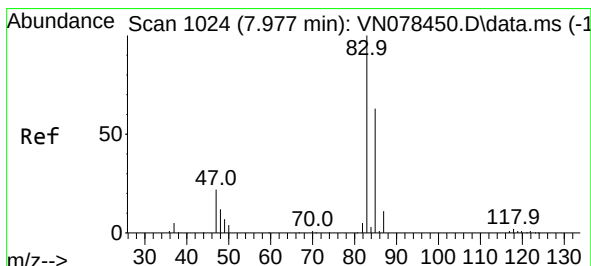
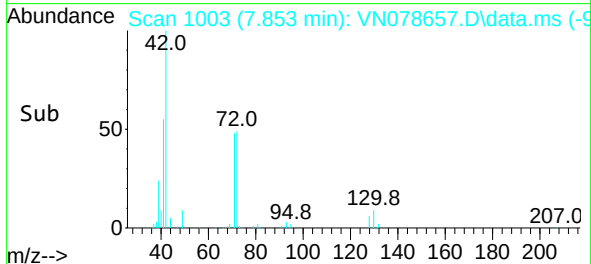
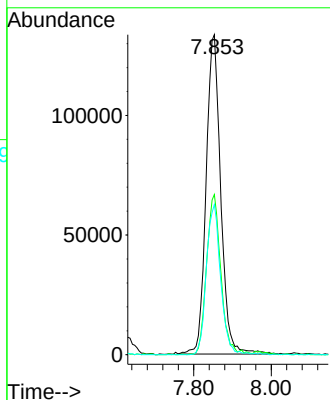
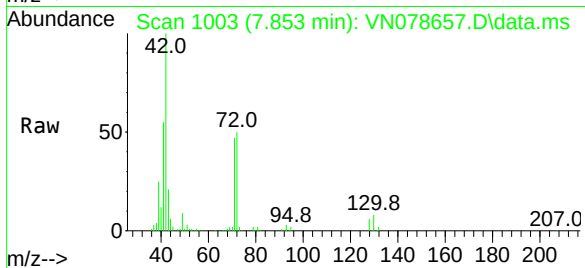
Ion	Ratio	Lower	Upper
42	100		
72	49.1	49.8	74.6
71	45.9	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#30

Chloroform

Concen: 20.185 ug/l

RT: 7.971 min Scan# 1023

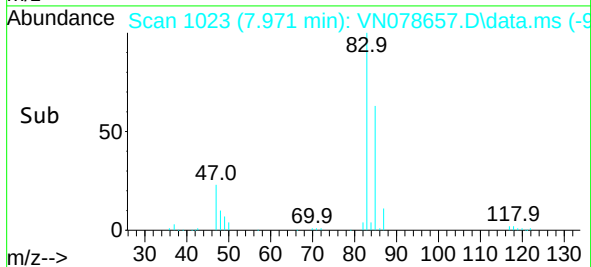
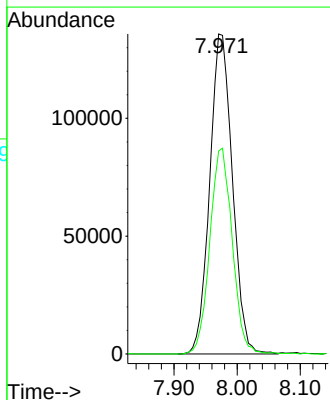
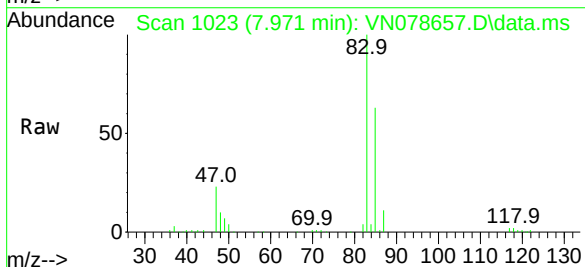
Delta R.T. -0.006 min

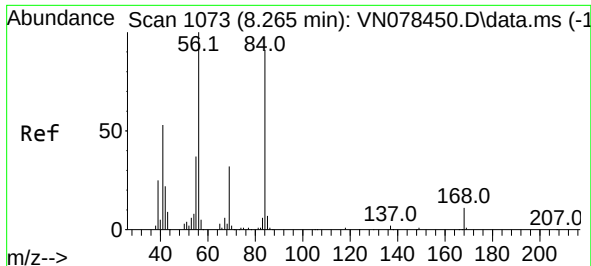
Lab File: VN078657.D

Acq: 27 Jul 2023 12:56

Tgt Ion: 83 Resp: 338987

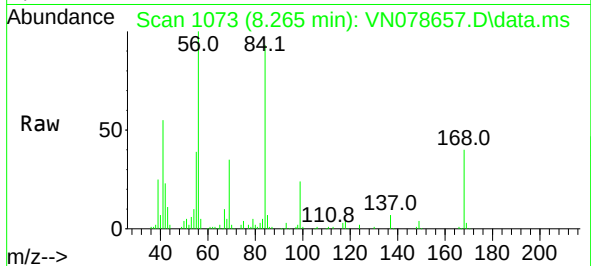
Ion	Ratio	Lower	Upper
83	100		
85	63.5	55.4	83.0





#31
Cyclohexane
Concen: 19.310 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

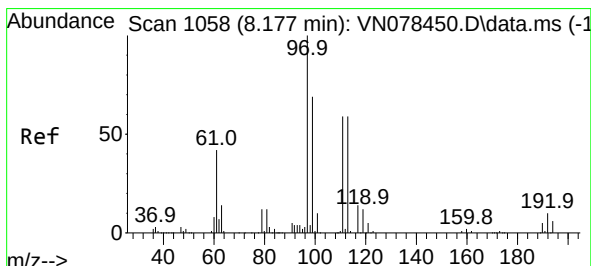
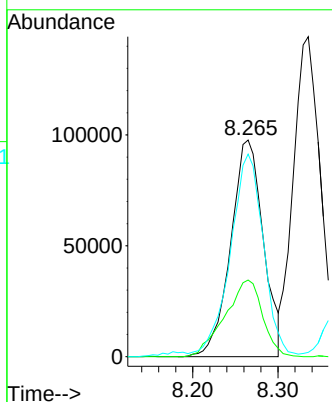
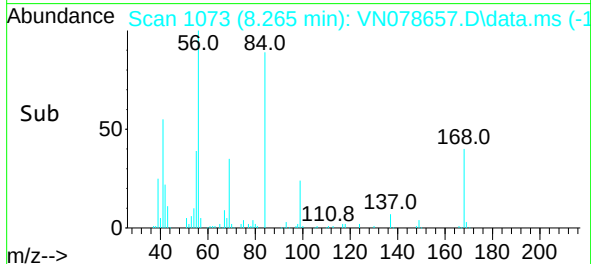
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBSD01



Tgt Ion: 56 Resp: 259424
Ion Ratio Lower Upper
56 100
69 35.0 26.8 40.2
84 91.6 81.8 122.6

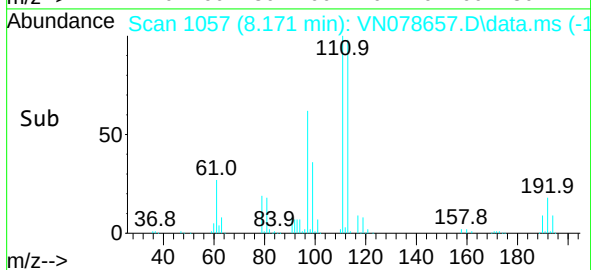
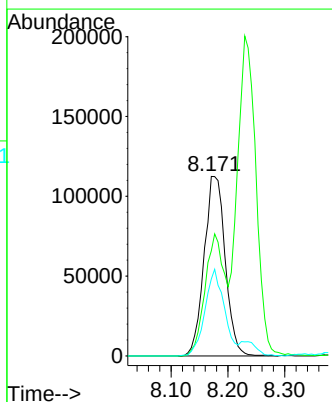
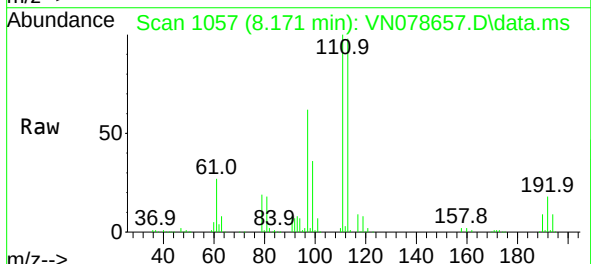
Manual Integrations
APPROVED

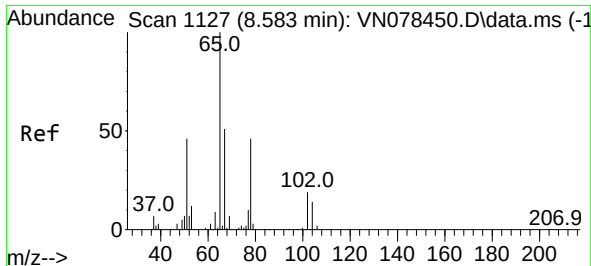
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#32
1,1,1-Trichloroethane
Concen: 19.275 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

Tgt Ion: 97 Resp: 290233
Ion Ratio Lower Upper
97 100
99 62.9 50.3 75.5
61 44.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.794 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078657.D

Acq: 27 Jul 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBSD01

Tgt Ion: 65 Resp: 524810

Ion Ratio Lower Upper

65 100

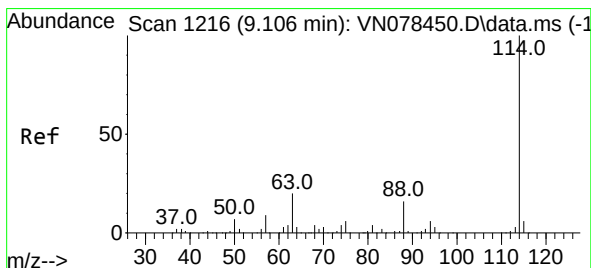
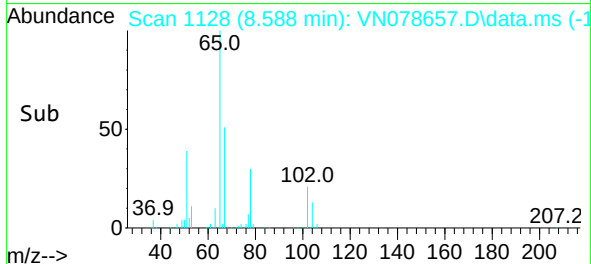
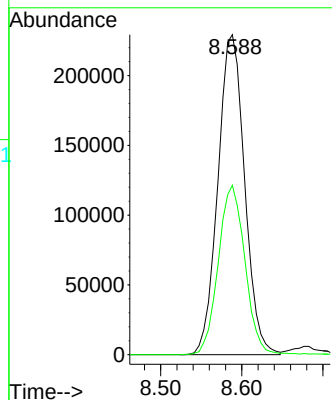
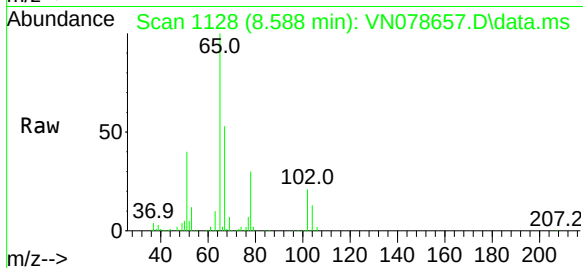
67 52.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2023

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: VN078657.D

Acq: 27 Jul 2023 12:56

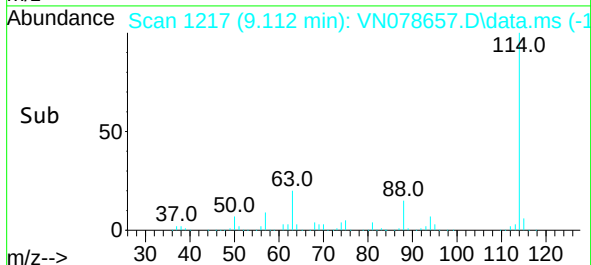
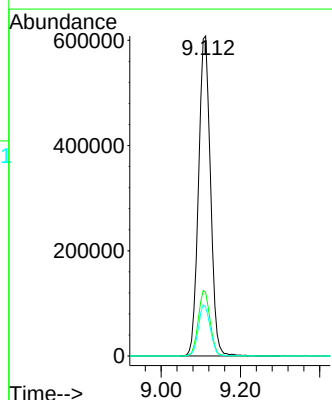
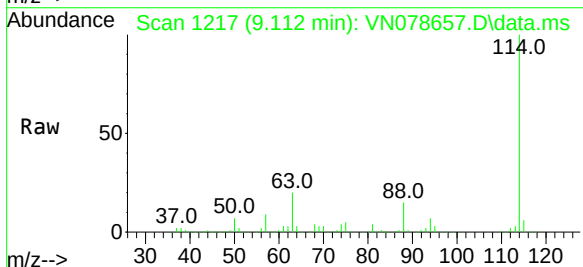
Tgt Ion:114 Resp: 1270171

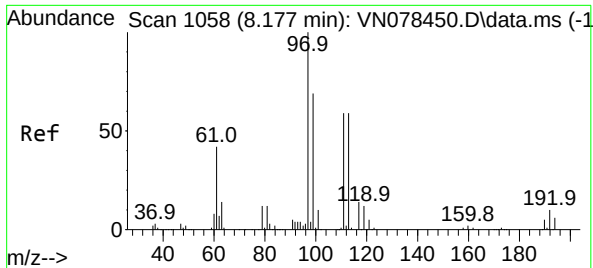
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

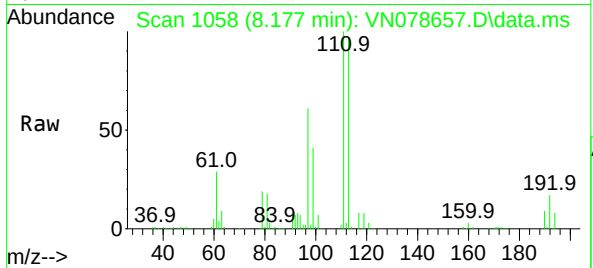
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.481 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

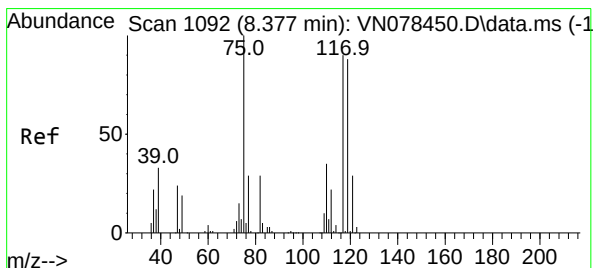
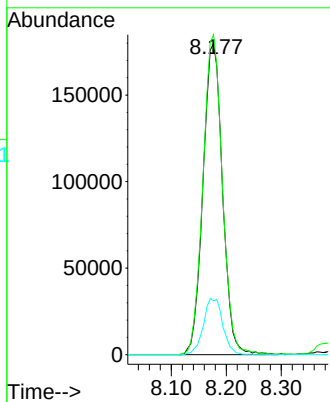
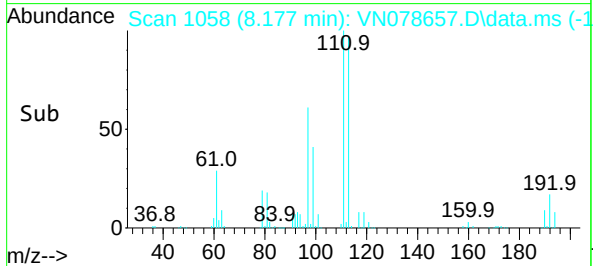
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



Tgt Ion:113 Resp: 44388
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 17.9 12.7 19.1

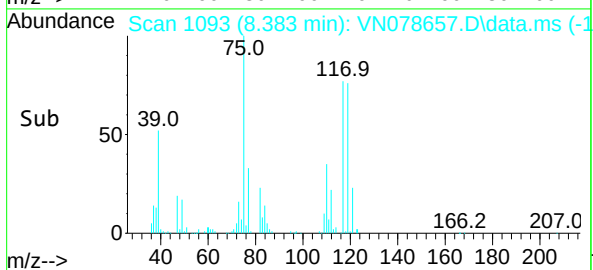
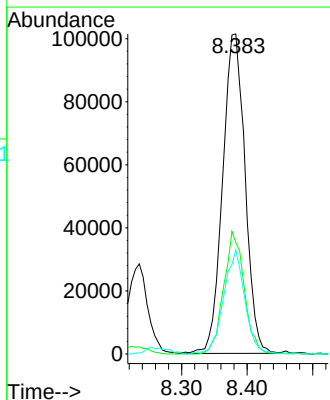
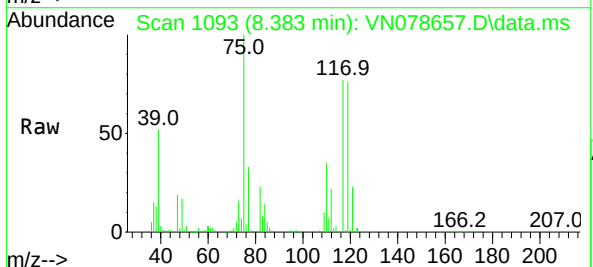
Manual Integrations
APPROVED

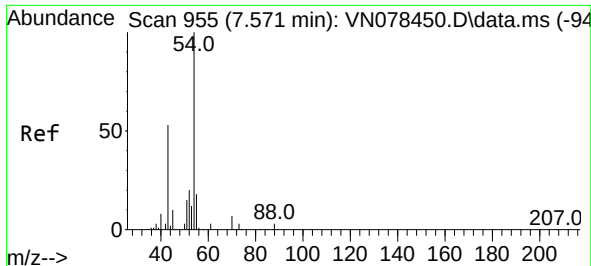
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#36
1,1-Dichloropropene
Concen: 19.333 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

Tgt Ion: 75 Resp: 240694
Ion Ratio Lower Upper
75 100
110 35.1 19.1 57.3
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 21.276 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078657.D

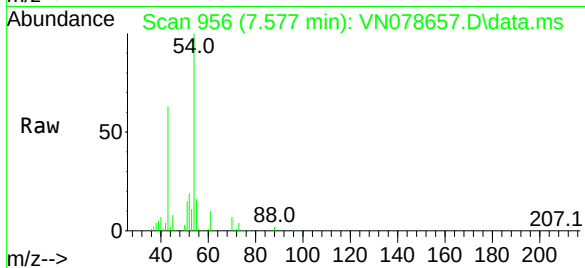
Acq: 27 Jul 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBSD01



Tgt Ion: 43 Resp: 22080

Ion Ratio Lower Upper

43 100

61 14.5 13.2 19.8

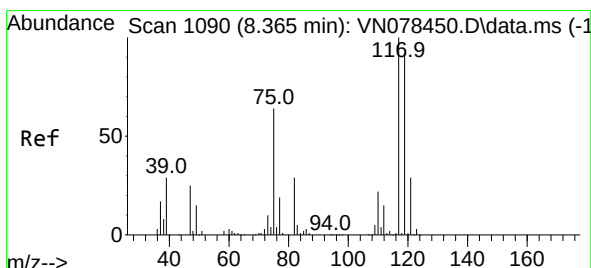
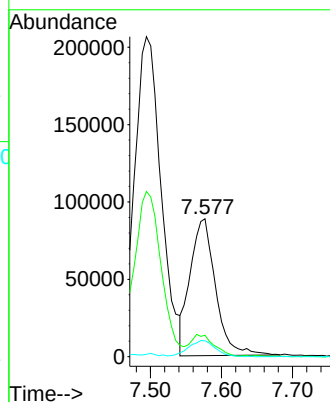
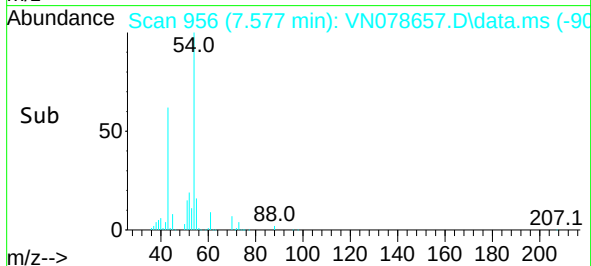
70 12.5 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#38

Carbon Tetrachloride

Concen: 18.805 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN078657.D

Acq: 27 Jul 2023 12:56

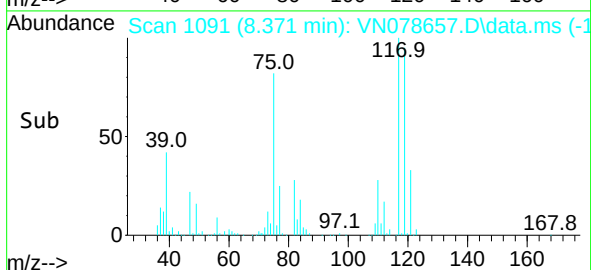
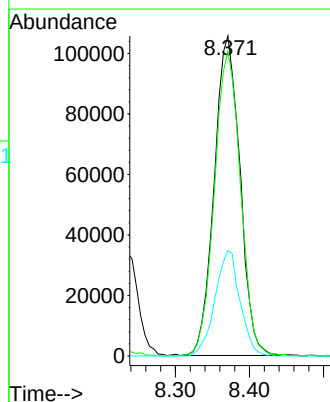
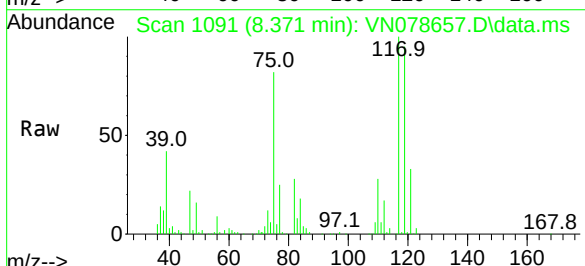
Tgt Ion:117 Resp: 254451

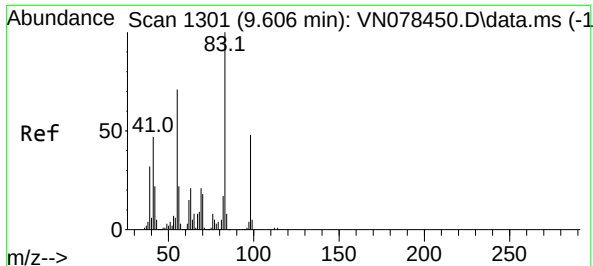
Ion Ratio Lower Upper

117 100

119 95.2 77.3 115.9

121 33.1 23.3 34.9





#39

Methylcyclohexane

Concen: 19.637 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078657.D

Acq: 27 Jul 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBSD01

Tgt Ion: 83 Resp: 223159

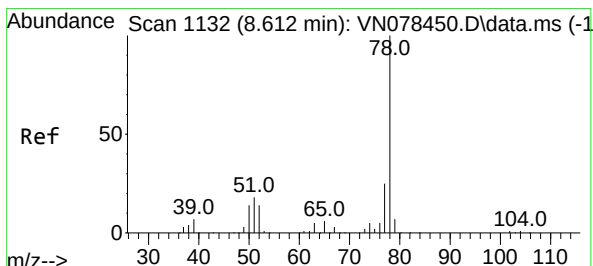
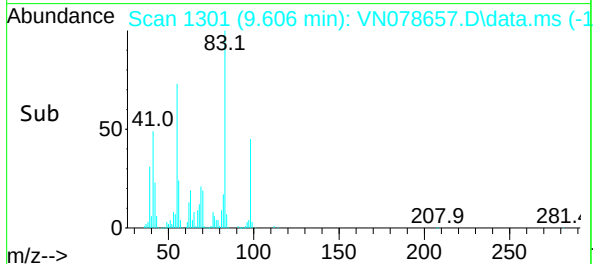
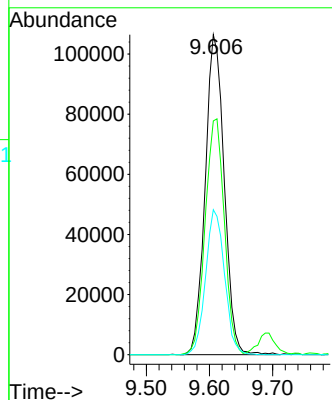
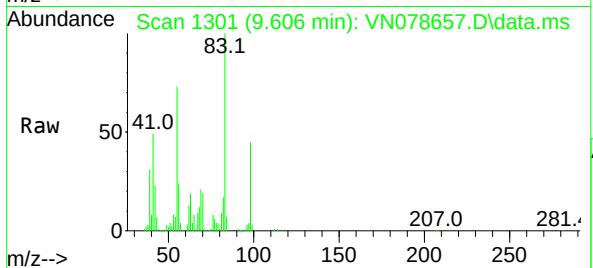
Ion	Ratio	Lower	Upper
83	100		
55	73.1	49.1	73.7
98	45.3	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#40

Benzene

Concen: 20.325 ug/l

RT: 8.618 min Scan# 1133

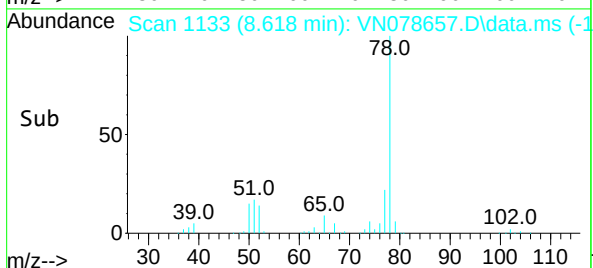
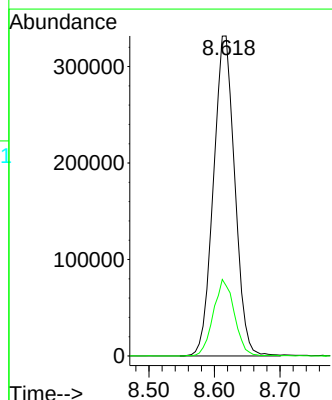
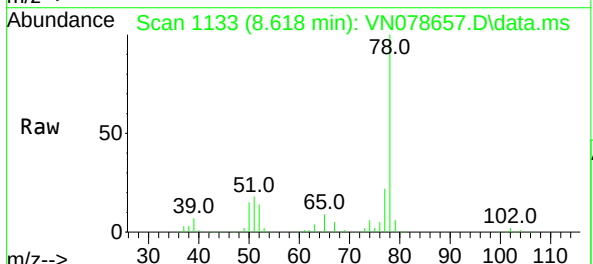
Delta R.T. 0.006 min

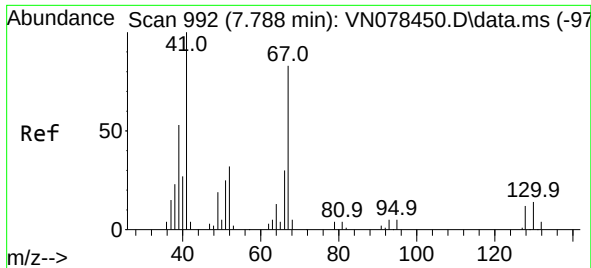
Lab File: VN078657.D

Acq: 27 Jul 2023 12:56

Tgt Ion: 78 Resp: 749642

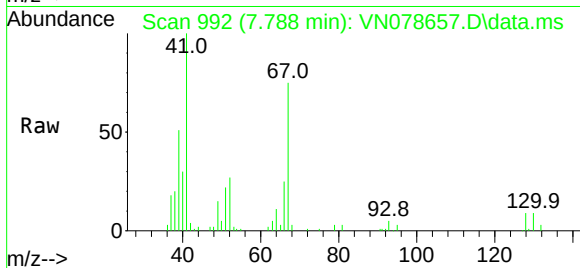
Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.0	28.6





#41
Methacrylonitrile
Concen: 23.550 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

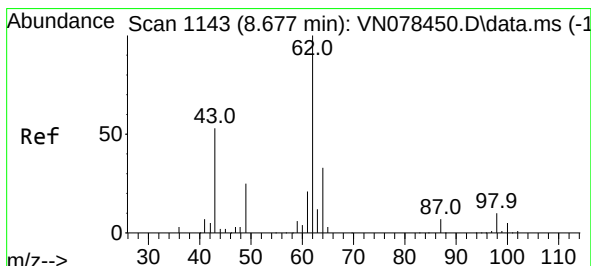
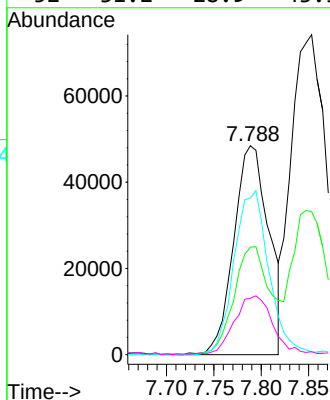
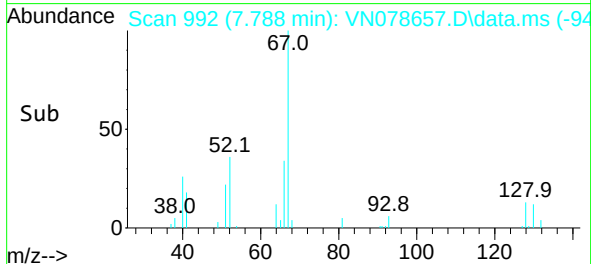
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBSD01



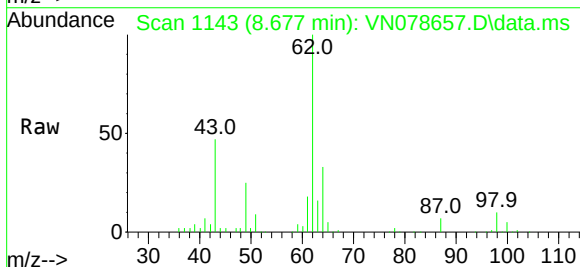
Tgt Ion: 41 Resp: 12459
Ion Ratio Lower Upper
41 100
39 56.2 42.6 64.0
67 78.2 77.5 116.3
52 31.2 28.9 43.3

Manual Integrations
APPROVED

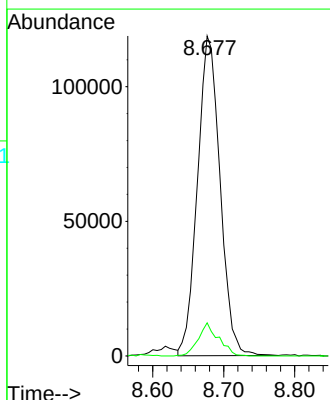
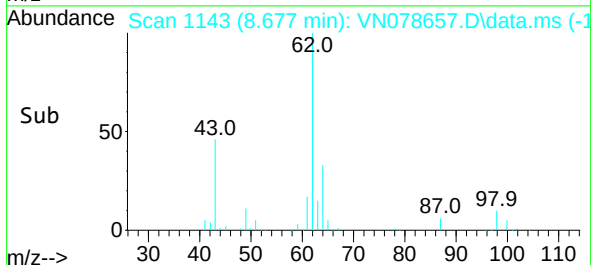
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

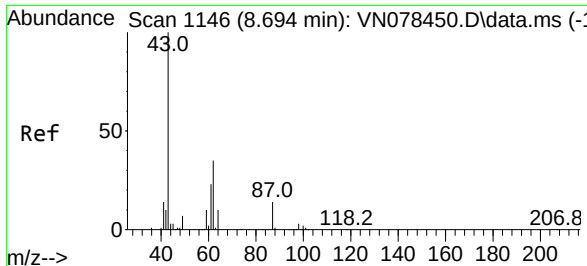


#42
1,2-Dichloroethane
Concen: 20.975 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56



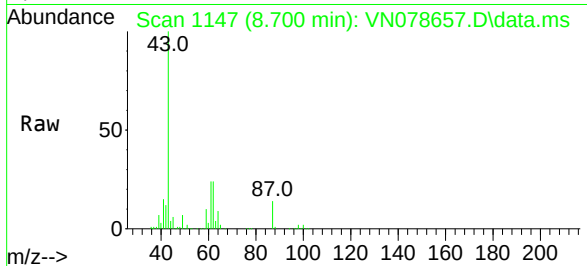
Tgt Ion: 62 Resp: 263147
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.8





#43
Isopropyl Acetate
Concen: 23.277 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

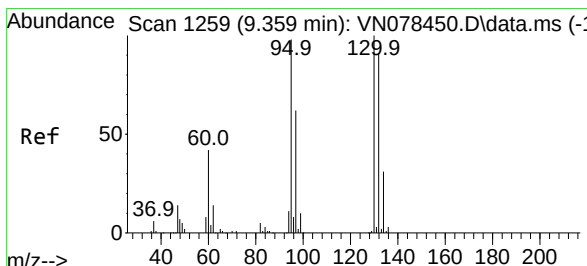
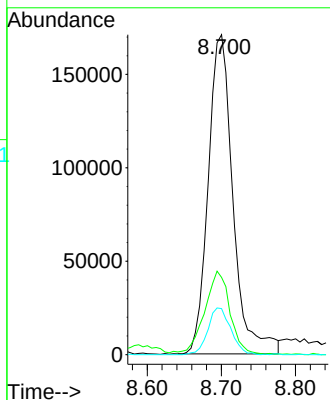
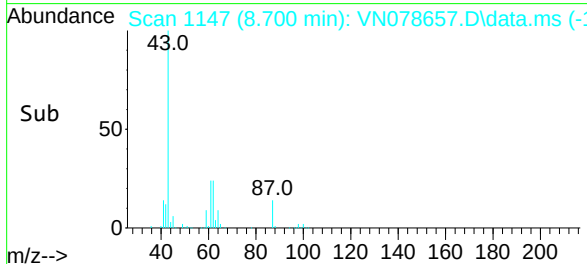
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



Tgt Ion: 43 Resp: 39772
Ion Ratio Lower Upper
43 100
61 26.6 24.7 37.1
87 13.5 14.6 21.8

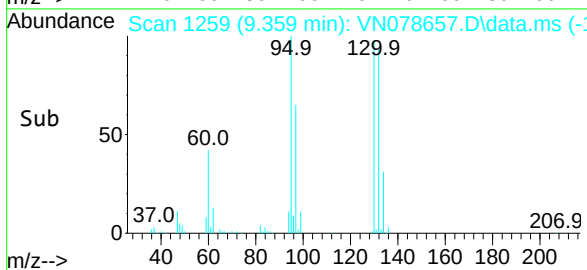
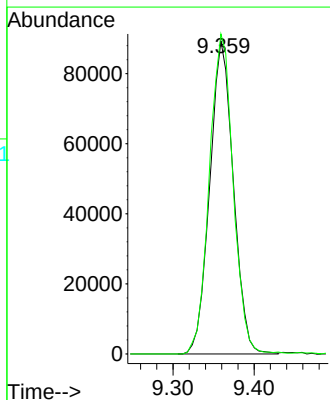
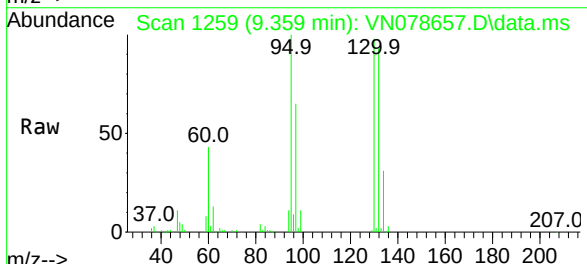
Manual Integrations
APPROVED

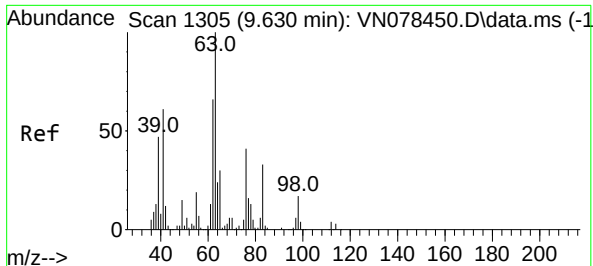
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#44
Trichloroethene
Concen: 18.148 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

Tgt Ion:130 Resp: 180408
Ion Ratio Lower Upper
130 100
95 102.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.882 ug/l

RT: 9.630 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078657.D

Acq: 27 Jul 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBSD01

Tgt Ion: 63 Resp: 195074

Ion Ratio Lower Upper

63 100

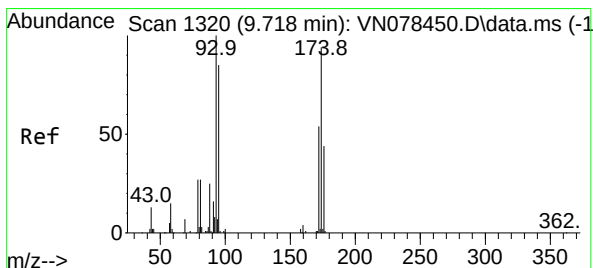
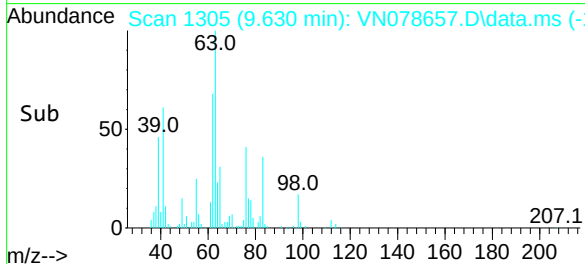
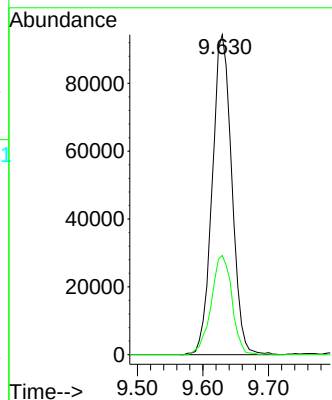
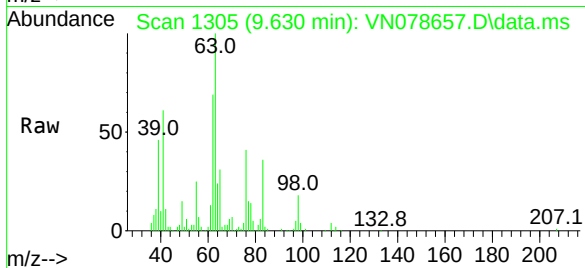
65 31.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#46

Dibromomethane

Concen: 20.205 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078657.D

Acq: 27 Jul 2023 12:56

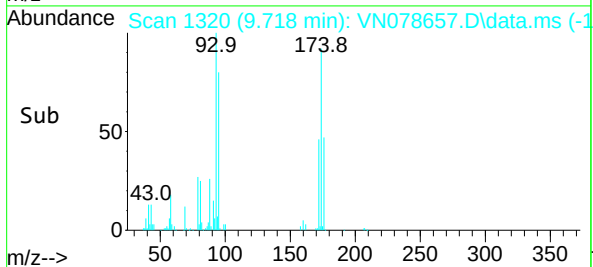
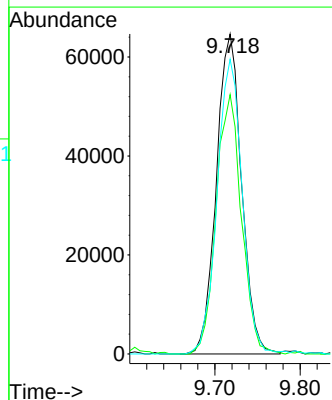
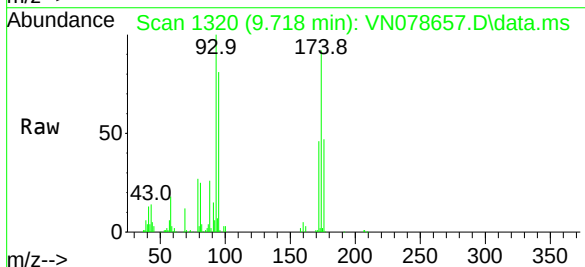
Tgt Ion: 93 Resp: 132848

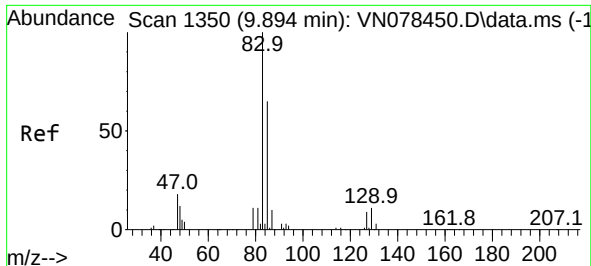
Ion Ratio Lower Upper

93 100

95 81.5 63.8 95.8

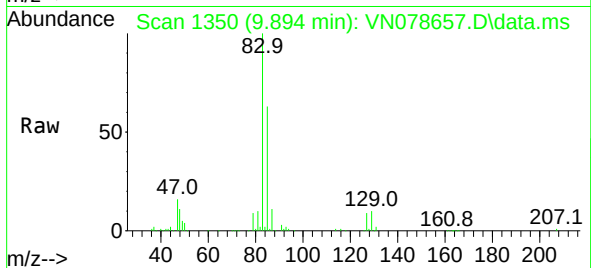
174 92.5 65.6 98.4





#47
Bromodichloromethane
Concen: 19.933 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

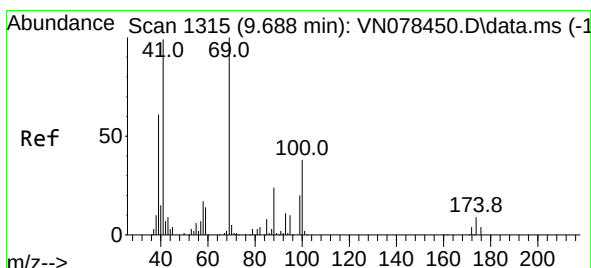
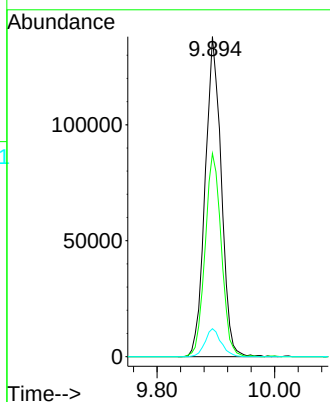
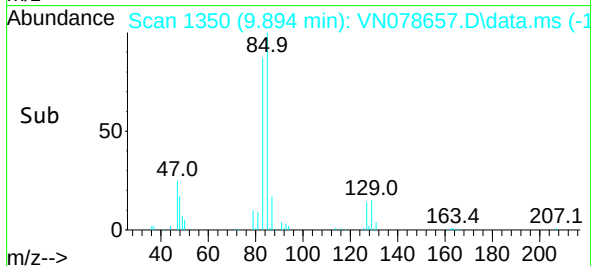
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBSD01



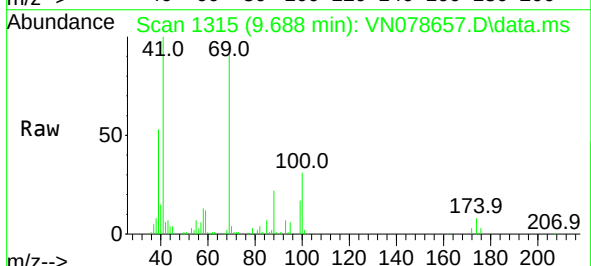
Tgt Ion: 83 Resp: 262711
Ion Ratio Lower Upper
83 100
85 63.5 49.6 74.4
127 8.8 7.0 10.6

Manual Integrations
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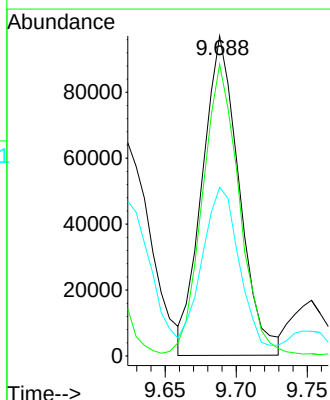
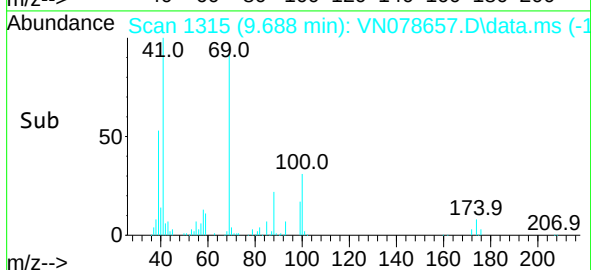
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

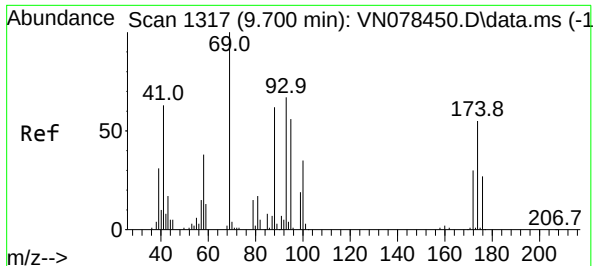


#48
Methyl methacrylate
Concen: 22.135 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56



Tgt Ion: 41 Resp: 175222
Ion Ratio Lower Upper
41 100
69 90.9 90.4 135.6
39 54.6 54.6 81.8





#49

1,4-Dioxane

Concen: 418.280 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078657.D

Acq: 27 Jul 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBS01

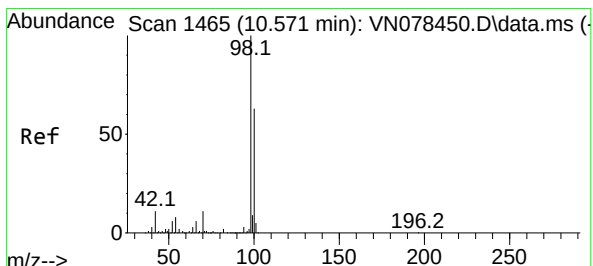
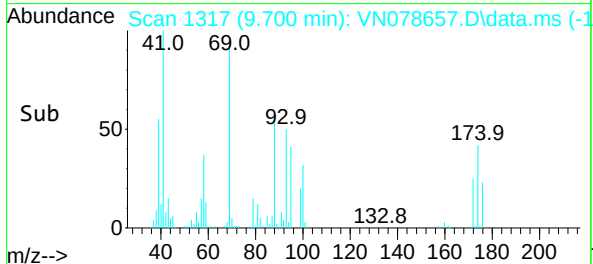
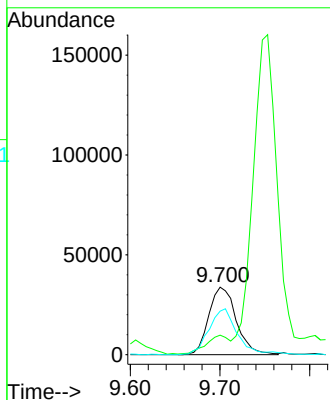
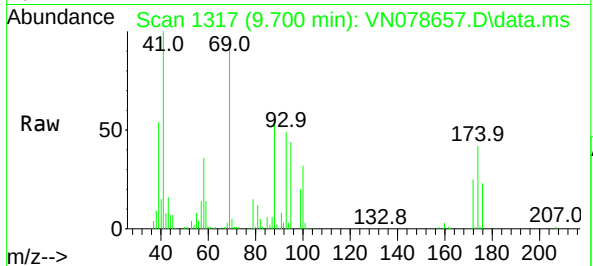
Tgt Ion: 88 Resp: 72210
 Ion Ratio Lower Upper
 88 100
 43 23.5 17.0 25.6
 58 70.5 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#50

Toluene-d8

Concen: 46.454 ug/l

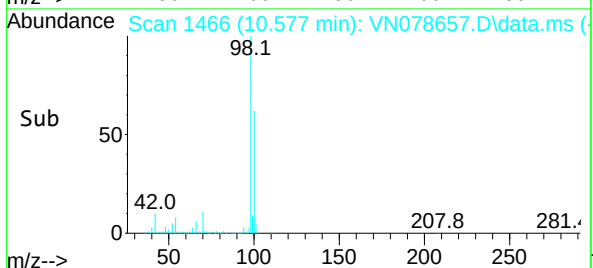
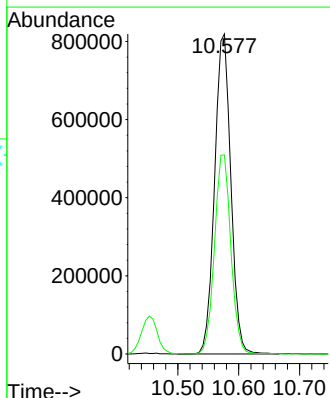
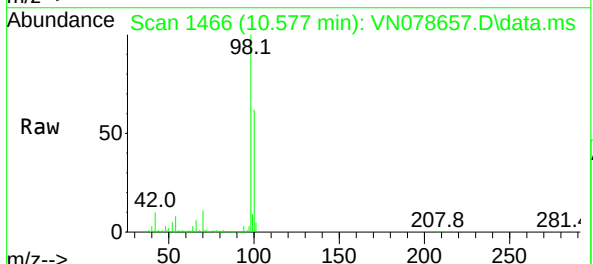
RT: 10.577 min Scan# 1466

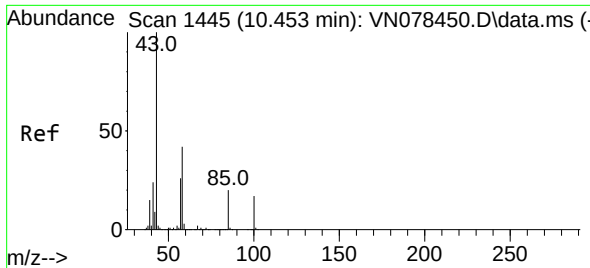
Delta R.T. 0.006 min

Lab File: VN078657.D

Acq: 27 Jul 2023 12:56

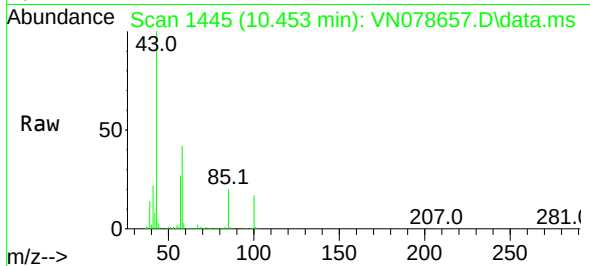
Tgt Ion: 98 Resp: 1513133
 Ion Ratio Lower Upper
 98 100
 100 62.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 107.569 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

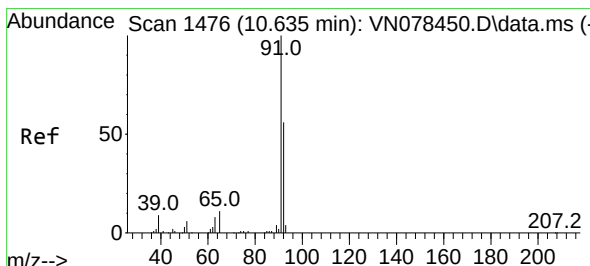
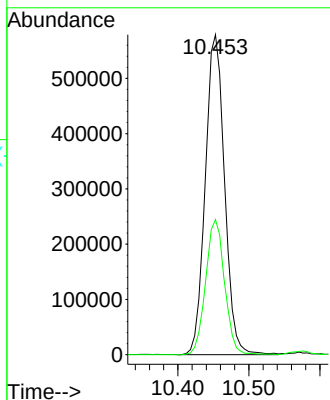
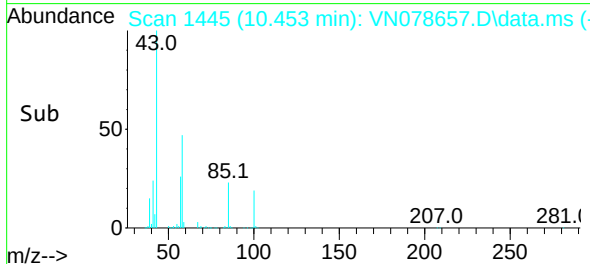
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBSD01



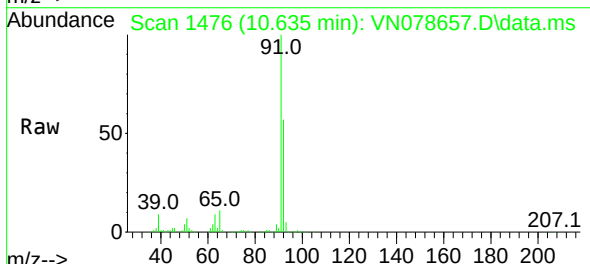
Tgt Ion: 43 Resp: 1093269
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8

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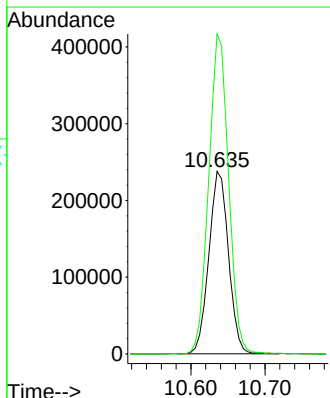
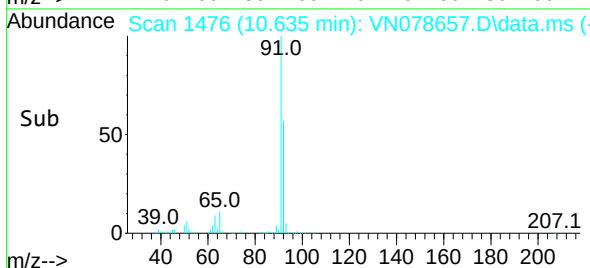
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

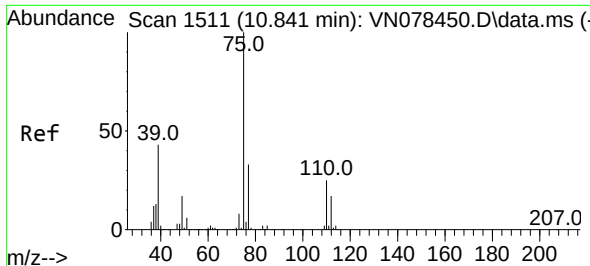


#52
Toluene
Concen: 19.145 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56



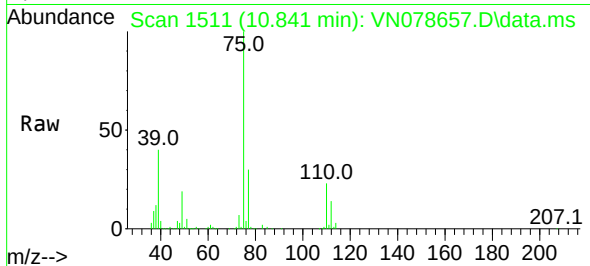
Tgt Ion: 92 Resp: 437649
Ion Ratio Lower Upper
92 100
91 177.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 20.258 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

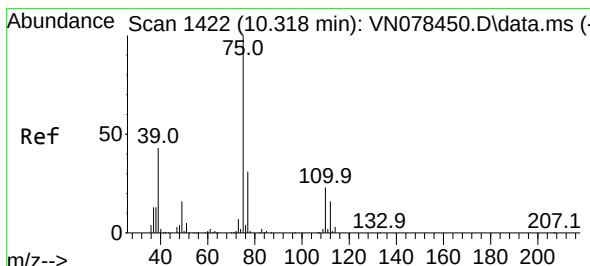
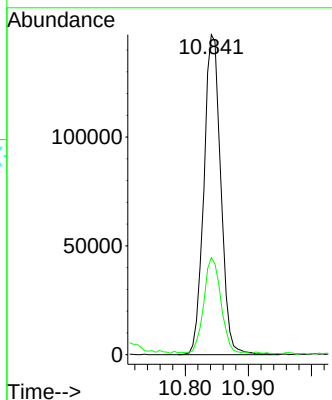
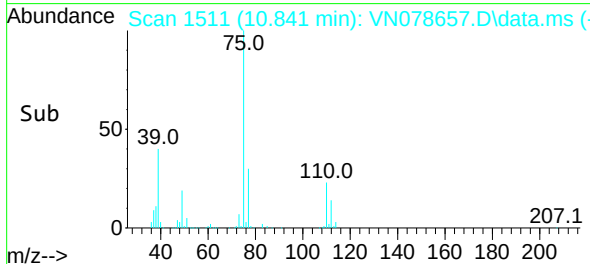
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBSD01



Tgt Ion: 75 Resp: 27352
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.0

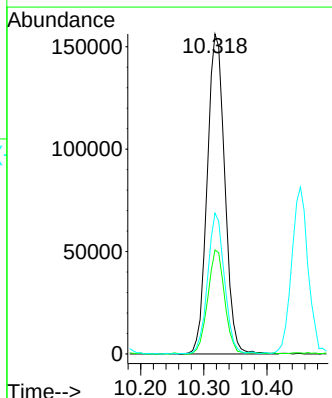
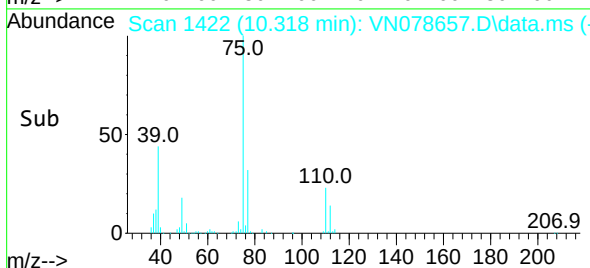
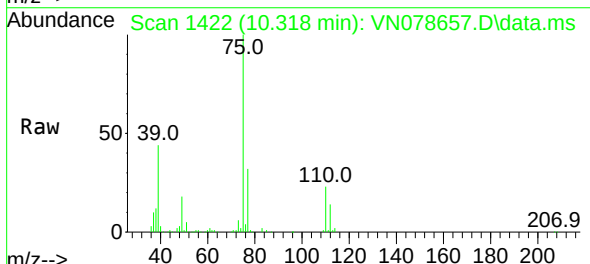
Manual Integrations
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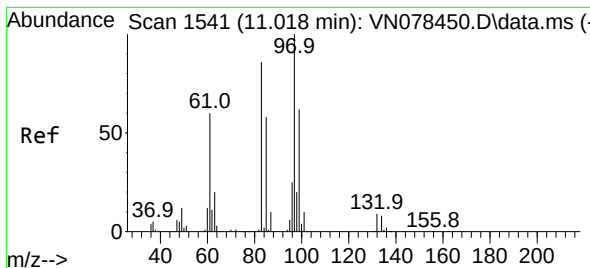
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#54
cis-1,3-Dichloropropene
Concen: 20.982 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

Tgt Ion: 75 Resp: 301986
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
39 44.0 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 19.624 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.006 min

Lab File: VN078657.D

Acq: 27 Jul 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBSD01

Tgt Ion: 97 Resp: 176750

Ion Ratio Lower Upper

97 100

83 87.4 65.1 97.7

85 55.6 43.4 65.2

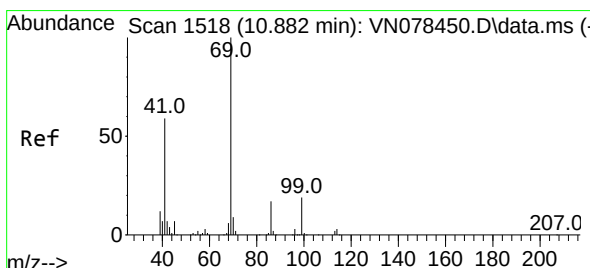
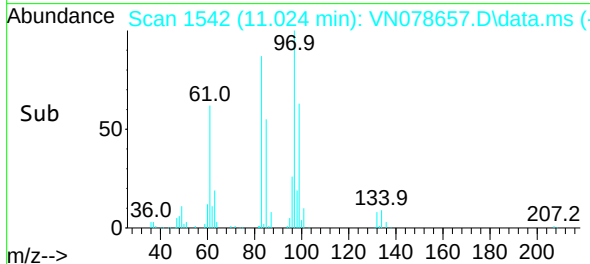
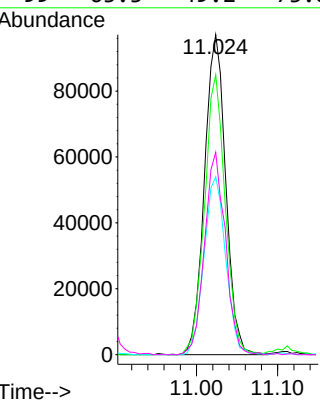
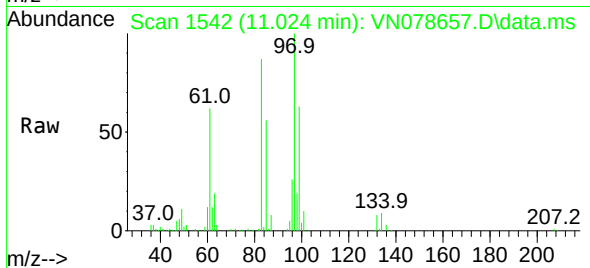
99 63.3 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#56

Ethyl methacrylate

Concen: 20.398 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078657.D

Acq: 27 Jul 2023 12:56

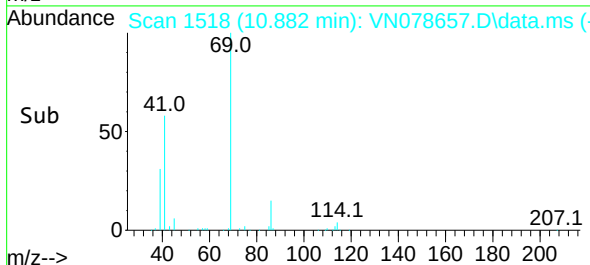
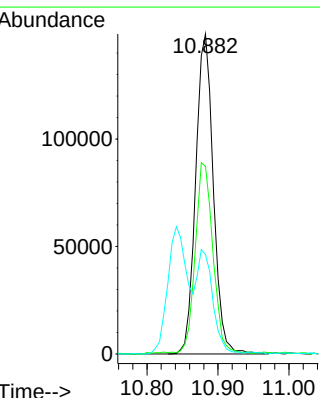
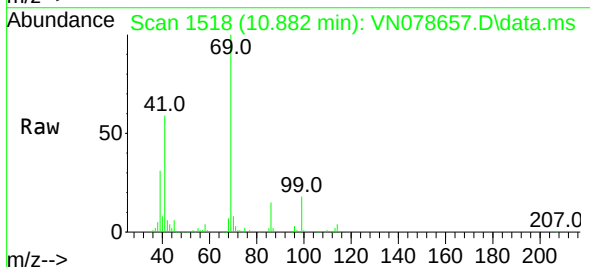
Tgt Ion: 69 Resp: 256811

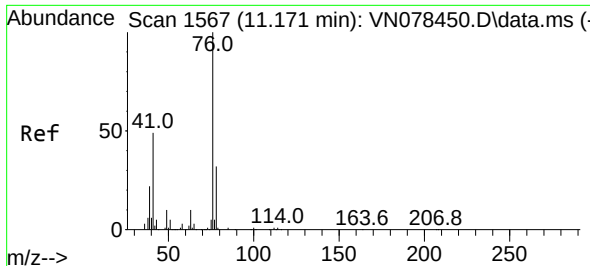
Ion Ratio Lower Upper

69 100

41 60.0 39.6 59.4#

39 28.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.456 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078657.D

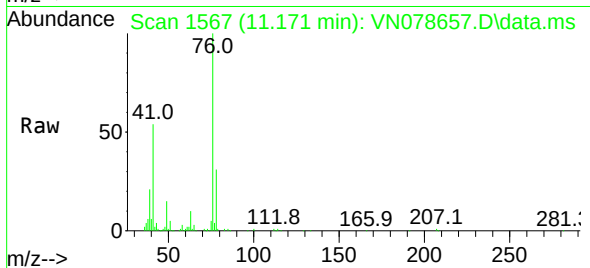
Acq: 27 Jul 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBS01



Tgt Ion: 76 Resp: 297944

Ion Ratio Lower Upper

76 100

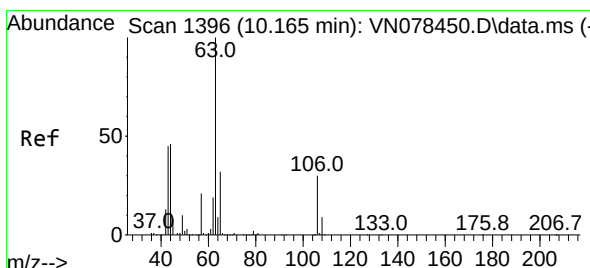
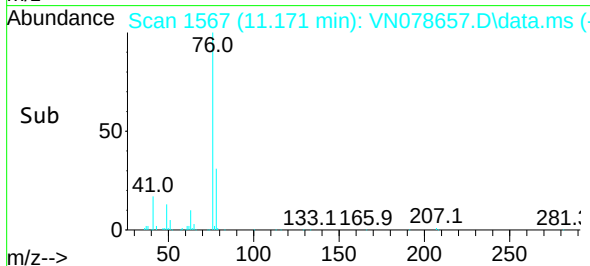
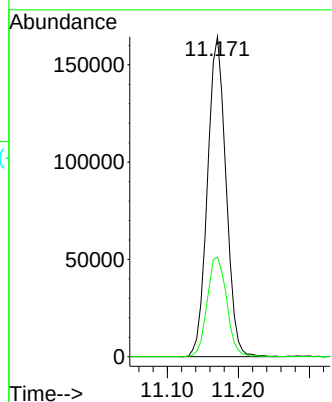
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 84.889 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078657.D

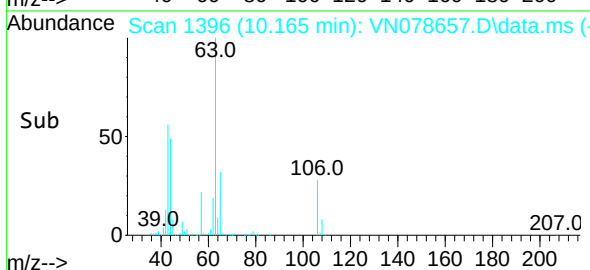
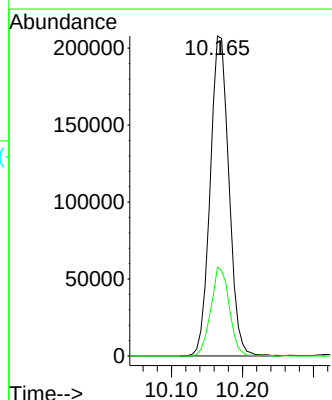
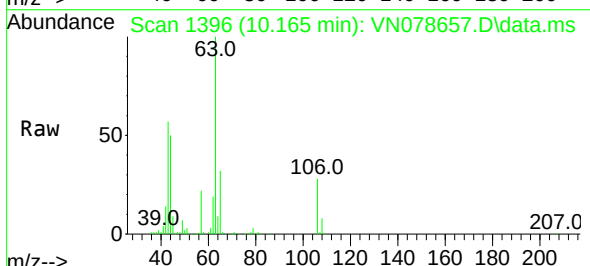
Acq: 27 Jul 2023 12:56

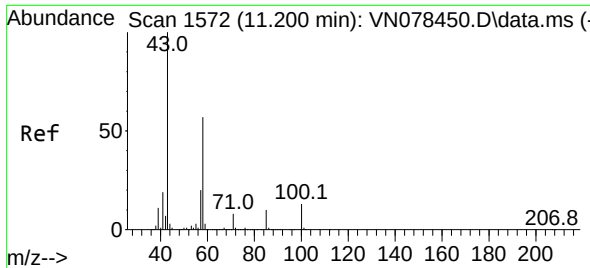
Tgt Ion: 63 Resp: 380882

Ion Ratio Lower Upper

63 100

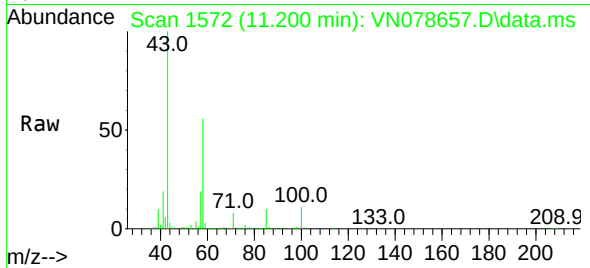
106 27.2 26.2 39.4





#59
2-Hexanone
Concen: 101.698 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

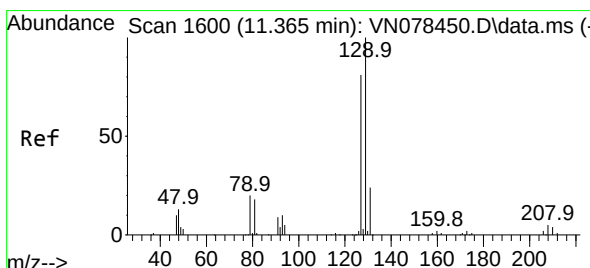
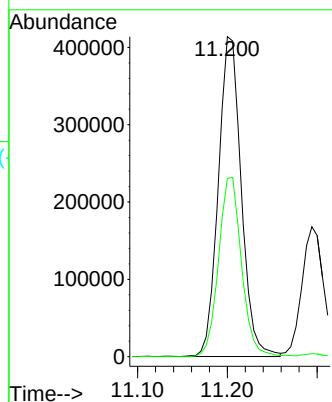
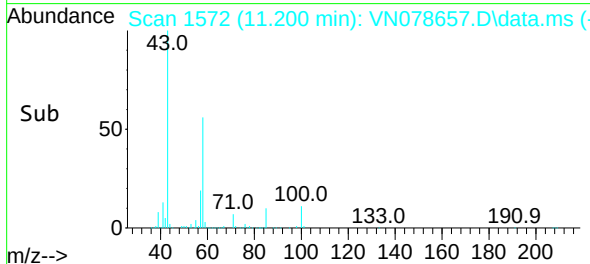
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



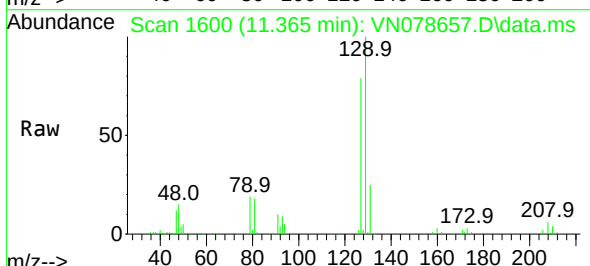
Tgt Ion: 43 Resp: 73458
Ion Ratio Lower Upper
43 100
58 56.2 31.7 95.1

Manual Integrations
APPROVED

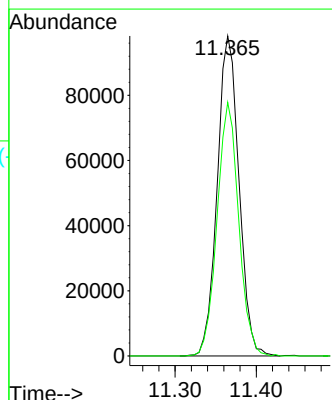
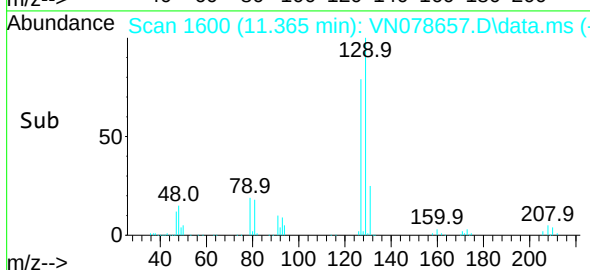
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

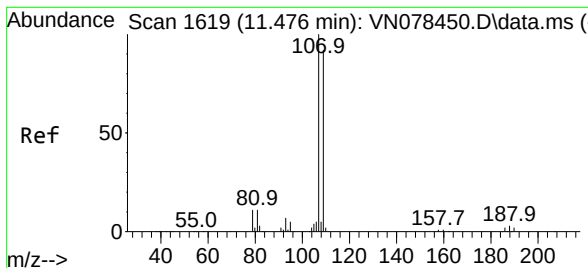


#60
Dibromochloromethane
Concen: 18.387 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56



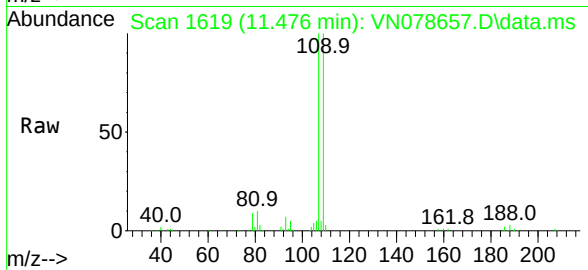
Tgt Ion:129 Resp: 182821
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.181 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

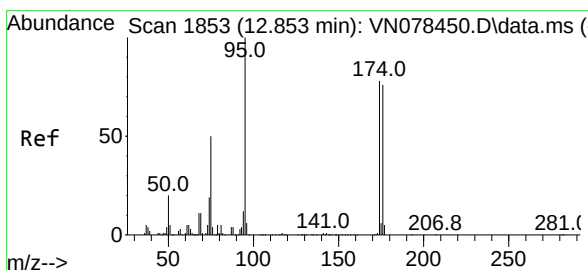
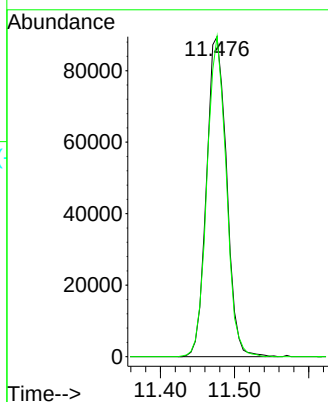
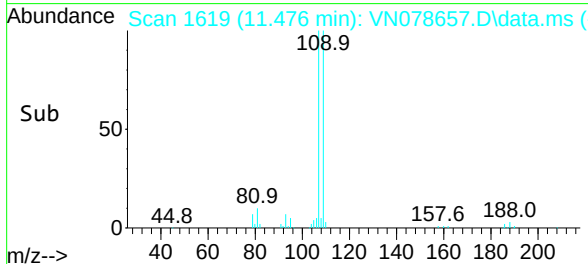
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBSD01



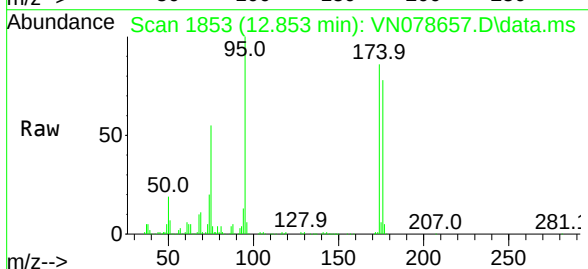
Tgt Ion:107 Resp: 168685
Ion Ratio Lower Upper
107 100
109 96.2 76.6 114.8

Manual Integrations
APPROVED

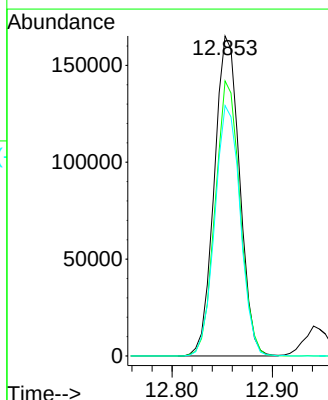
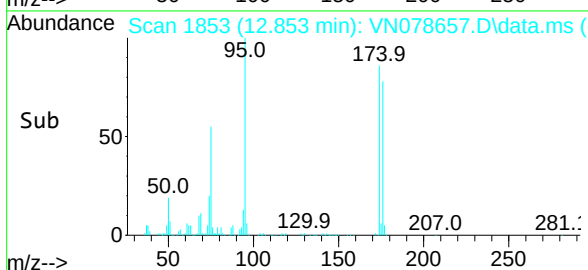
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

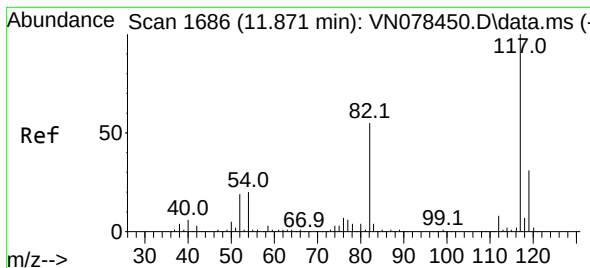


#62
4-Bromofluorobenzene
Concen: 28.771 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56



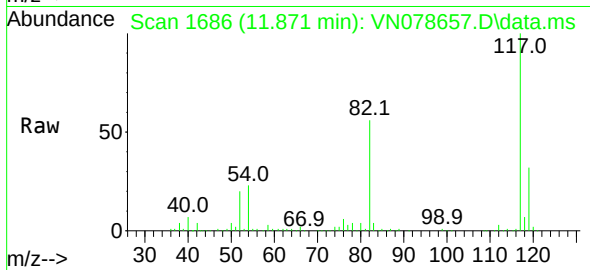
Tgt Ion: 95 Resp: 288665
Ion Ratio Lower Upper
95 100
174 84.3 0.0 143.8
176 78.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

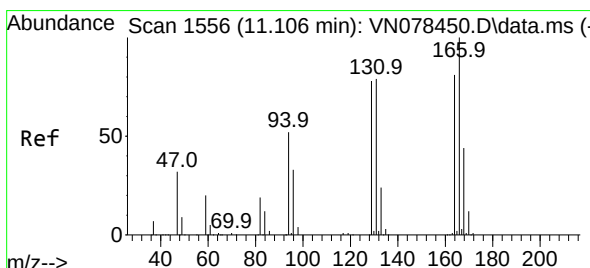
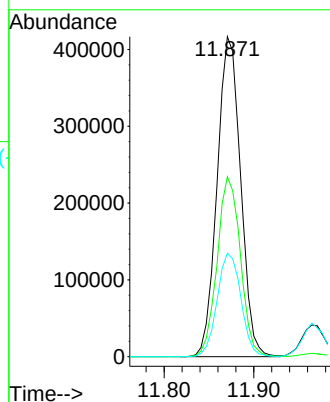
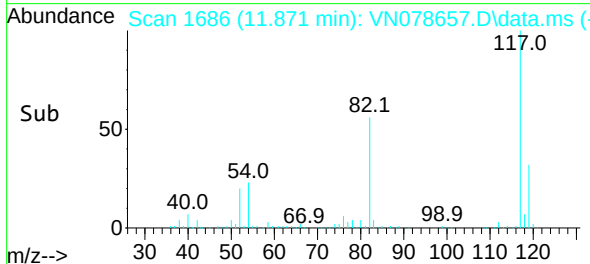
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



Tgt Ion:117 Resp: 757999
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 32.3 25.6 38.4

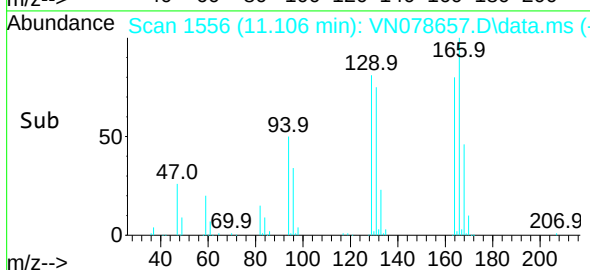
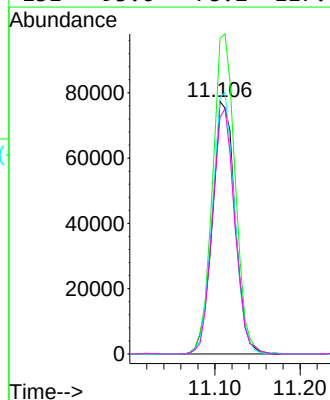
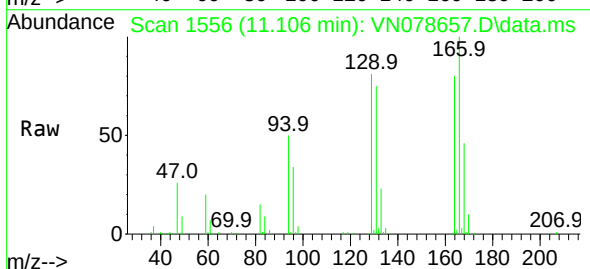
Manual Integrations
APPROVED

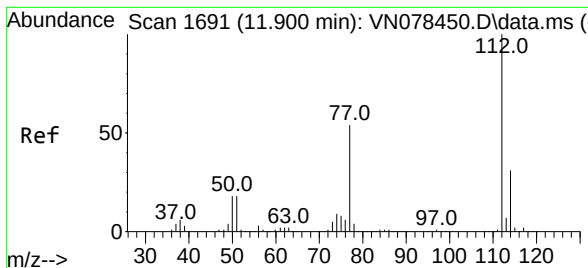
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#64
Tetrachloroethene
Concen: 25.094 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

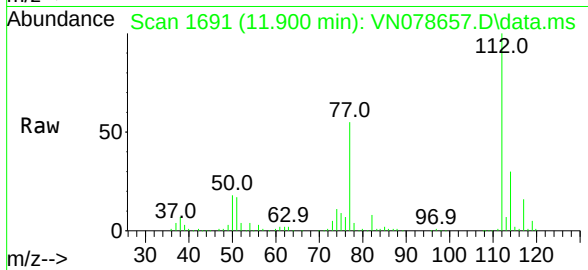
Tgt Ion:164 Resp: 143005
Ion Ratio Lower Upper
164 100
166 125.0 101.4 152.0
129 101.6 82.4 123.6
131 93.6 78.2 117.4





#65
Chlorobenzene
Concen: 19.016 ug/l
RT: 11.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

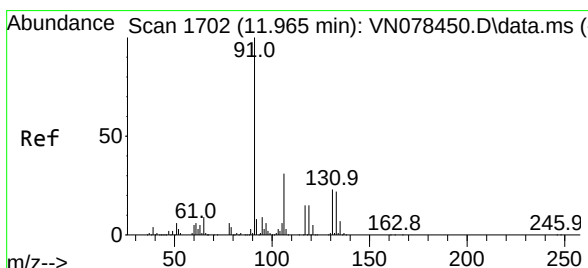
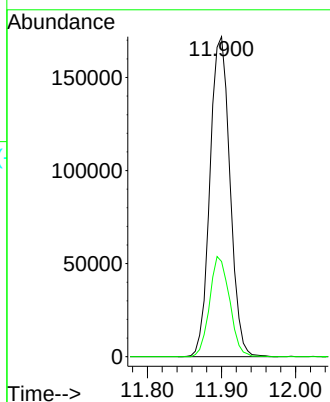
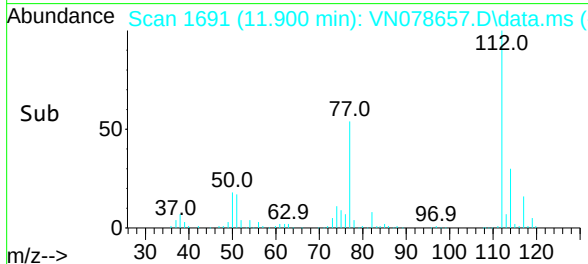
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBSD01



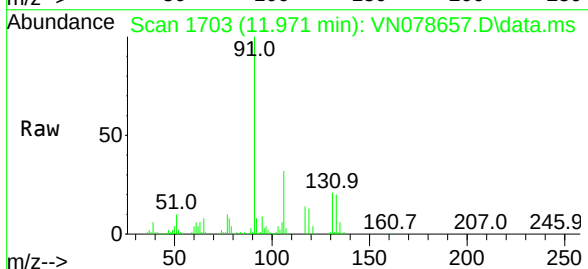
Tgt Ion:112 Resp: 32219
Ion Ratio Lower Upper
112 100
114 29.8 25.0 37.4

Manual Integrations
APPROVED

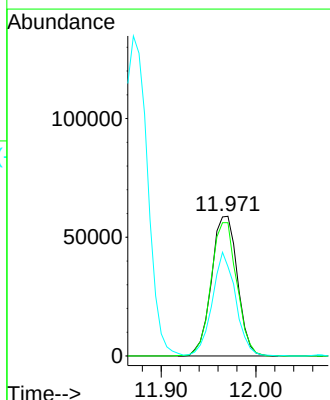
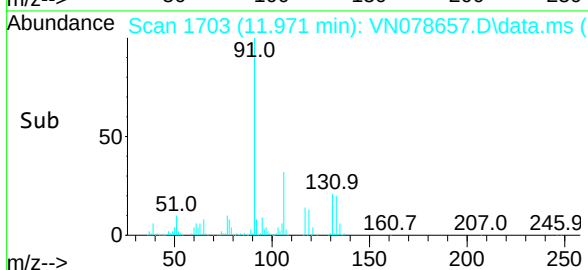
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

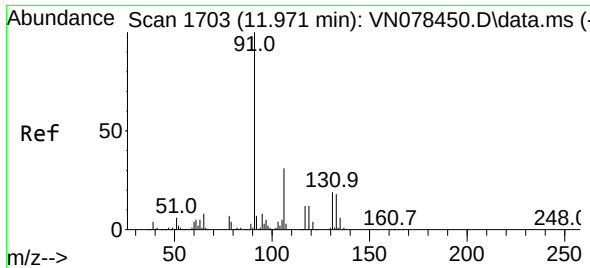


#66
1,1,1,2-Tetrachloroethane
Concen: 17.230 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56



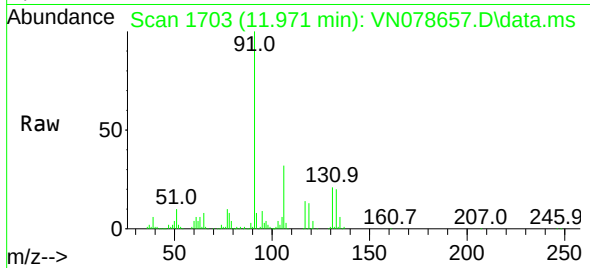
Tgt Ion:131 Resp: 112303
Ion Ratio Lower Upper
131 100
133 94.8 46.4 139.1
119 66.9 34.1 102.2





#67
Ethyl Benzene
Concen: 16.967 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

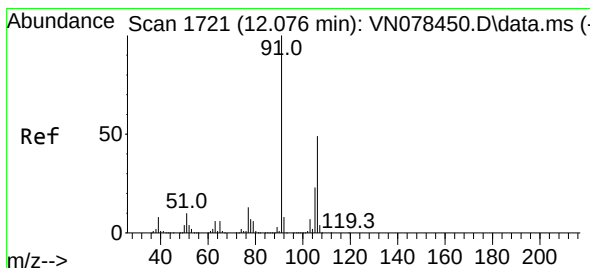
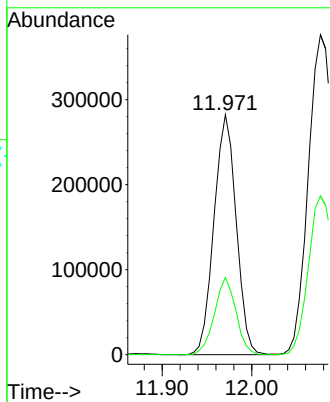
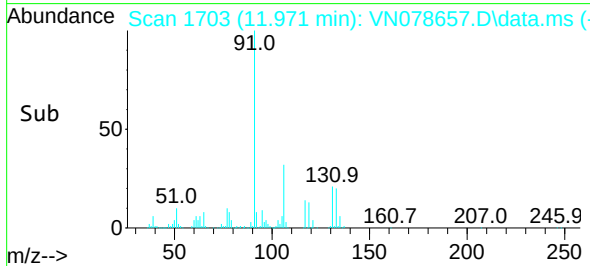
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



Tgt Ion: 91 Resp: 485917
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4

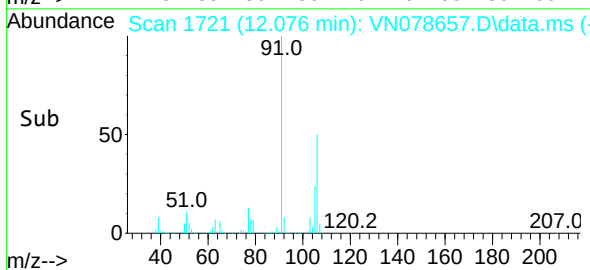
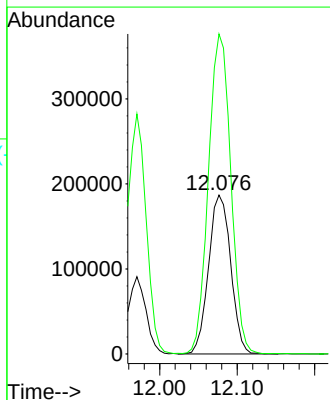
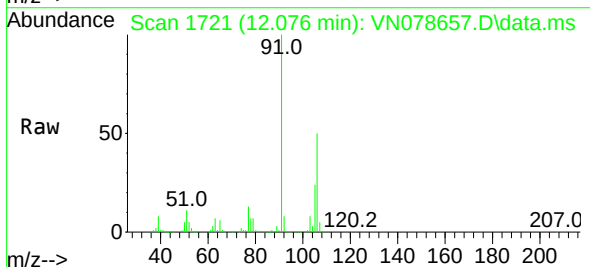
Manual Integrations
APPROVED

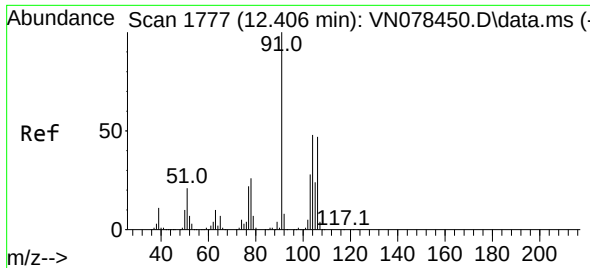
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#68
m/p-Xylenes
Concen: 35.062 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

Tgt Ion:106 Resp: 371264
Ion Ratio Lower Upper
106 100
91 202.9 159.6 239.4





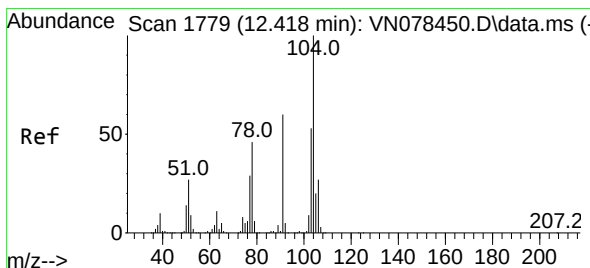
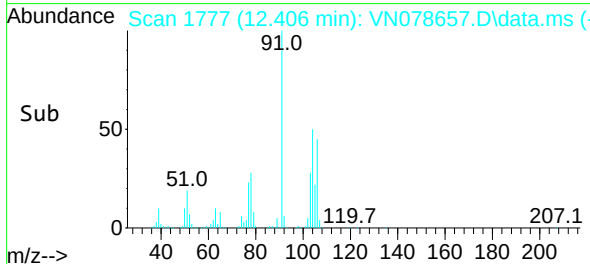
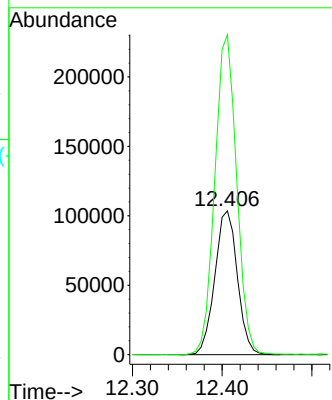
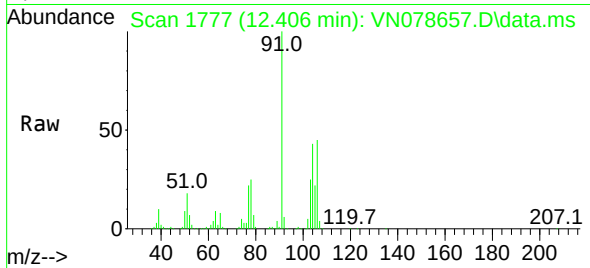
#69
o-Xylene
Concen: 16.897 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0727MBSD01

Tgt Ion:106 Resp: 180723
Ion Ratio Lower Upper
106 100
91 215.5 105.2 315.5

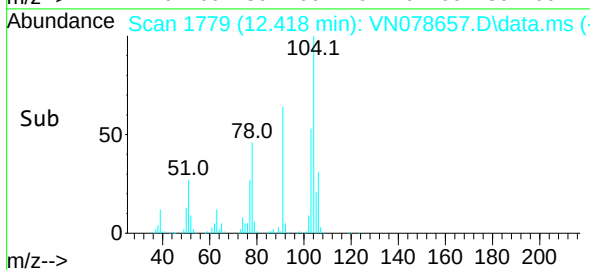
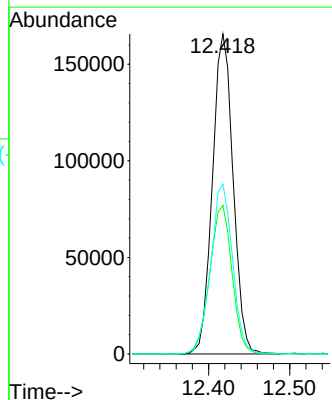
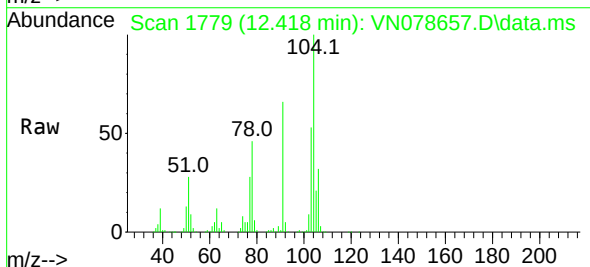
Manual Integrations
APPROVED

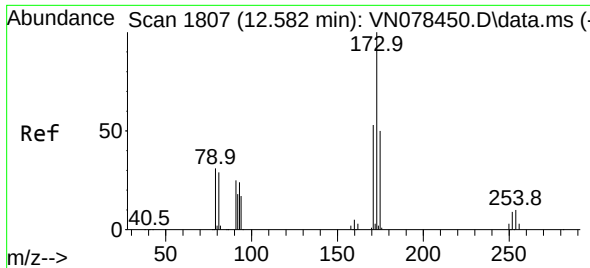
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#70
Styrene
Concen: 17.521 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

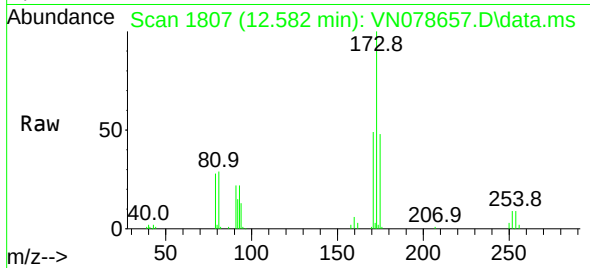
Tgt Ion:104 Resp: 293167
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 56.1 43.2 64.8





#71
Bromoform
Concen: 17.998 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

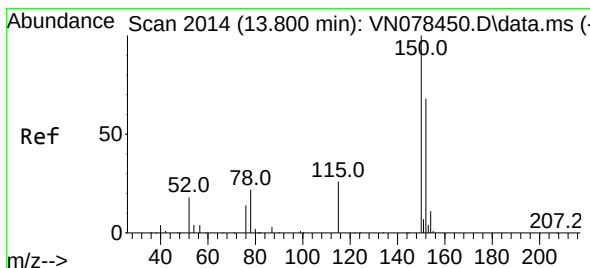
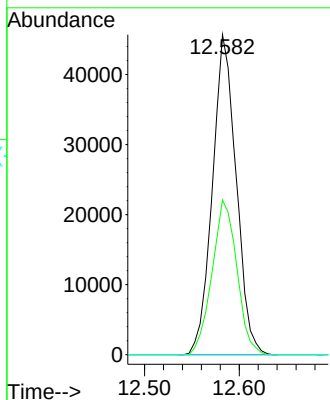
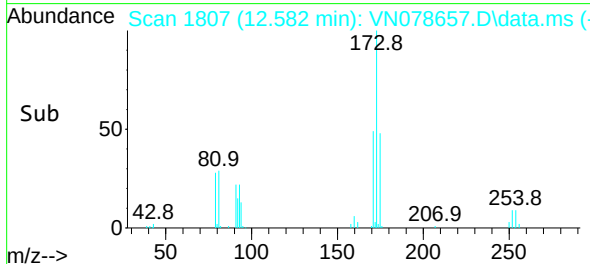
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



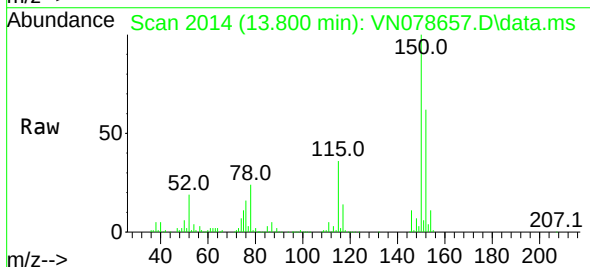
Tgt Ion:173 Resp: 79450
Ion Ratio Lower Upper
173 100
175 50.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

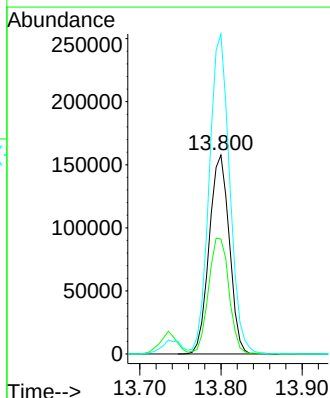
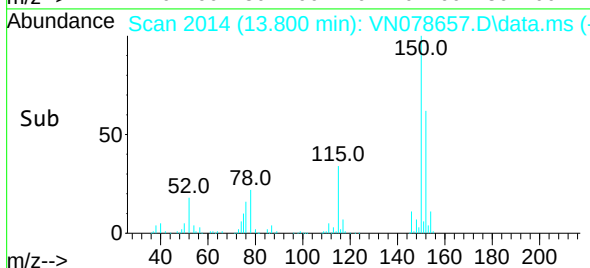
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

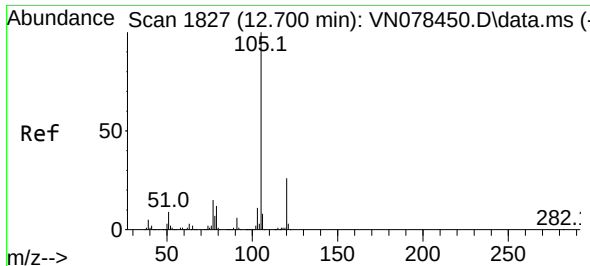


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56



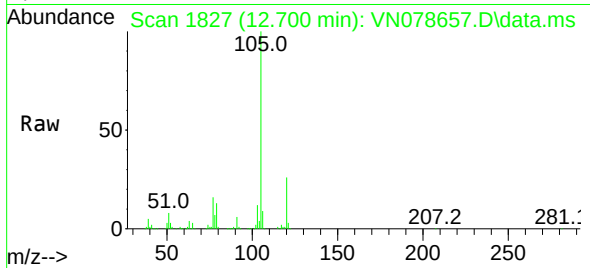
Tgt Ion:152 Resp: 271384
Ion Ratio Lower Upper
152 100
115 59.2 32.3 96.8
150 163.1 0.0 355.8





#73
Isopropylbenzene
Concen: 17.473 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

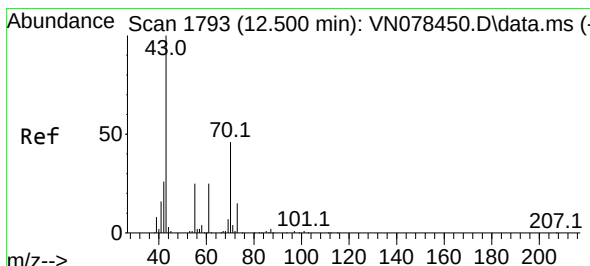
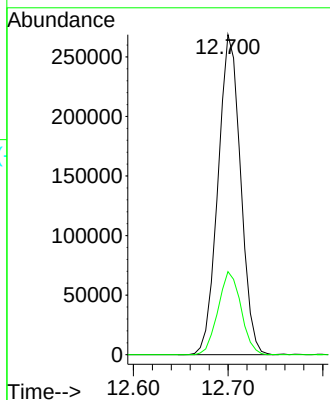
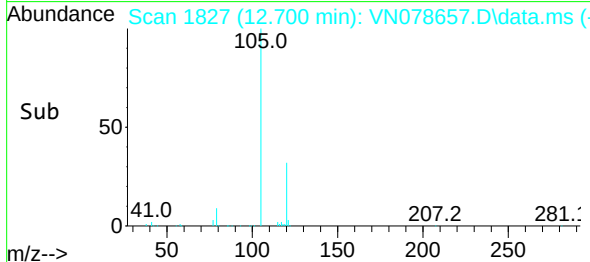
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBSD01



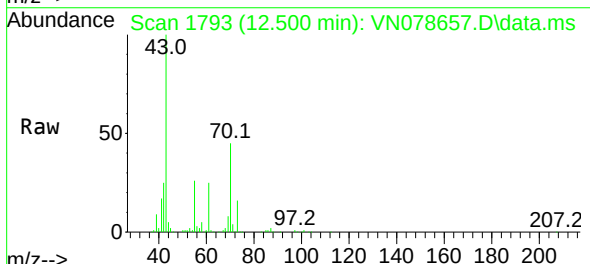
Tgt Ion:105 Resp: 445568
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1

Manual Integrations
APPROVED

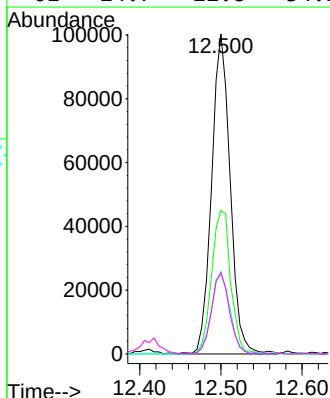
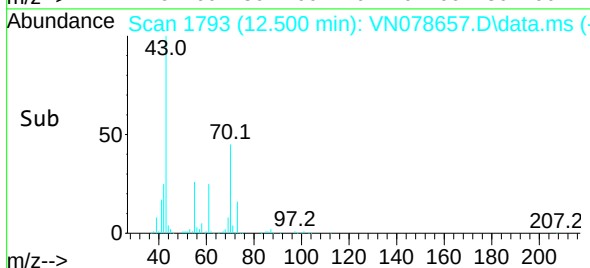
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

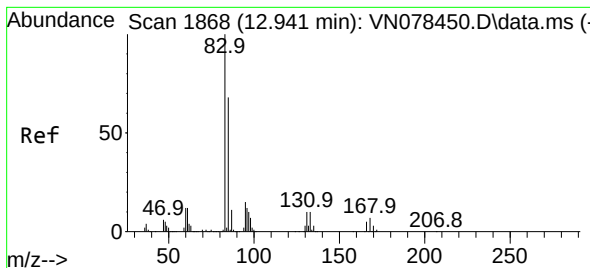


#74
N-ethyl acetate
Concen: 18.162 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56



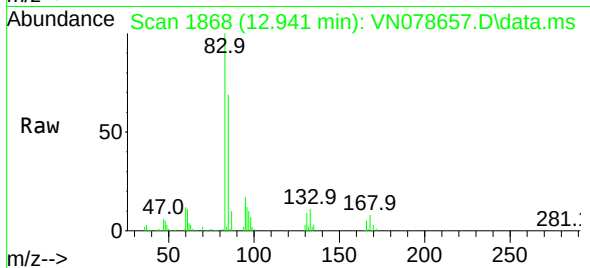
Tgt Ion: 43 Resp: 159608
Ion Ratio Lower Upper
43 100
70 46.2 43.4 65.2
55 25.5 21.4 32.0
61 24.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.727 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

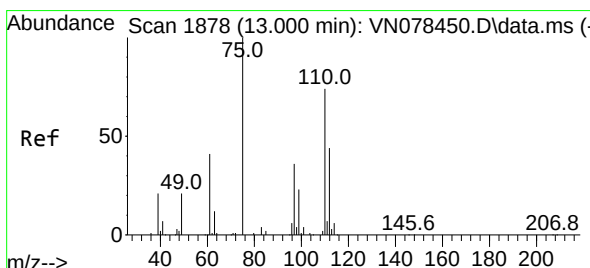
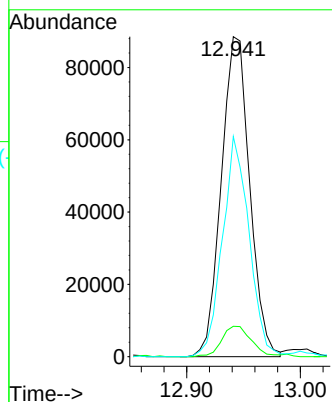
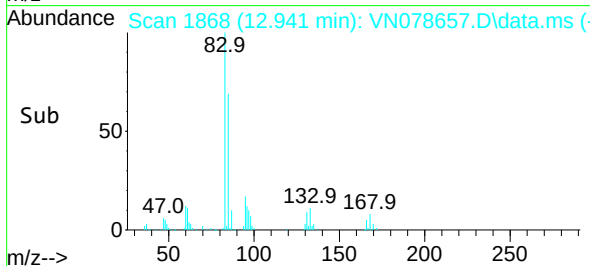
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBSD01



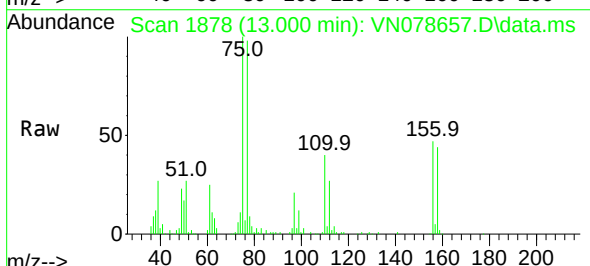
Tgt Ion: 83 Resp: 15386
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 64.6 31.9 95.7

Manual Integrations
APPROVED

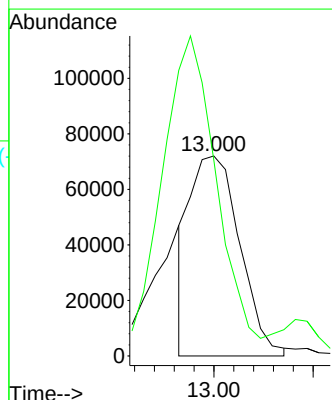
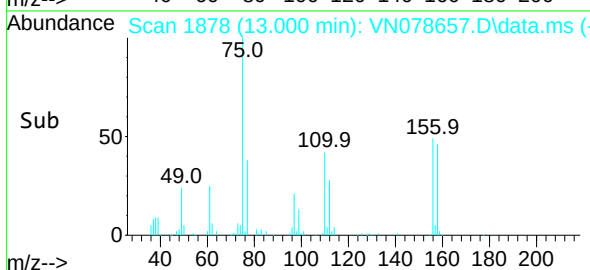
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

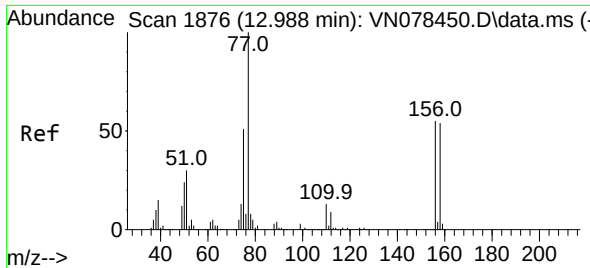


#76
1,2,3-Trichloropropane
Concen: 19.109 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56



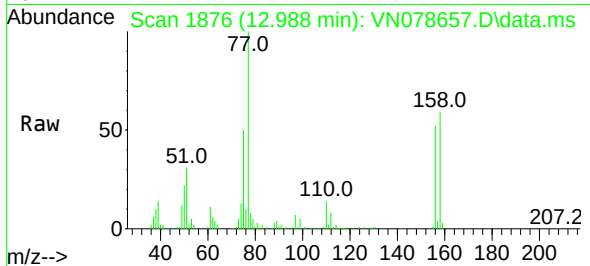
Tgt Ion: 75 Resp: 125350
Ion Ratio Lower Upper
75 100
77 178.3 84.5 253.5





#77
Bromobenzene
Concen: 19.158 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

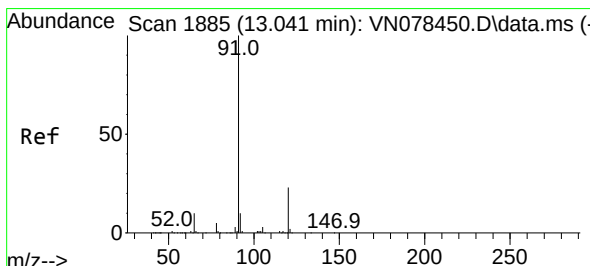
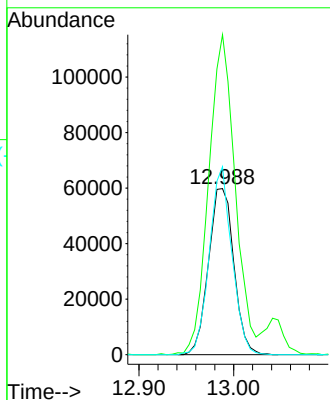
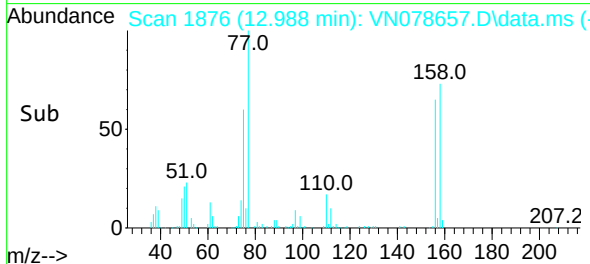
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



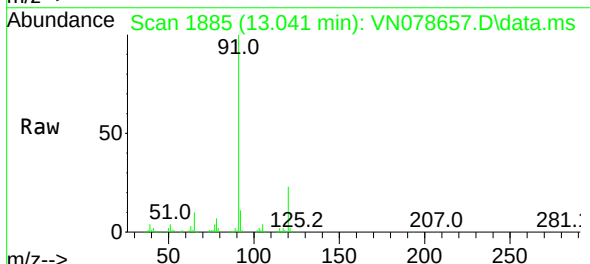
Tgt Ion:156 Resp: 111520
Ion Ratio Lower Upper
156 100
77 200.4 107.7 323.3
158 100.6 48.4 145.3

Manual Integrations
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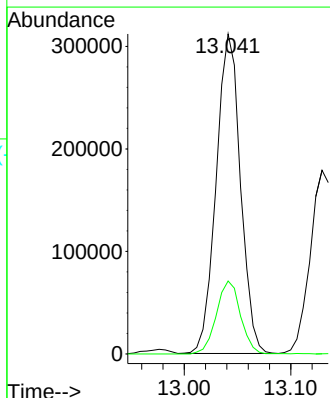
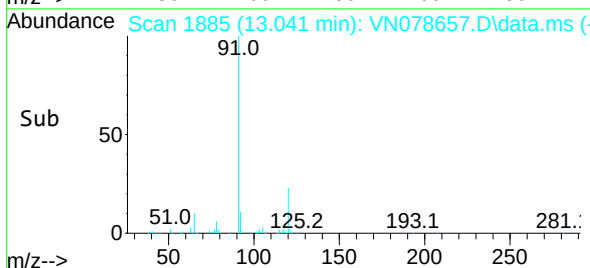
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

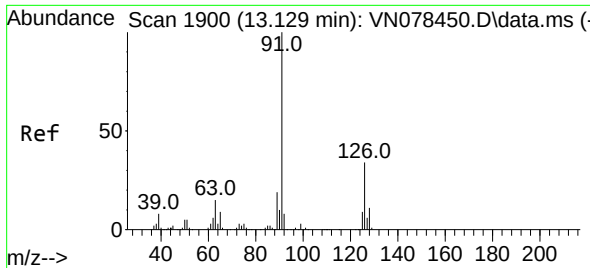


#78
n-propylbenzene
Concen: 18.082 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56



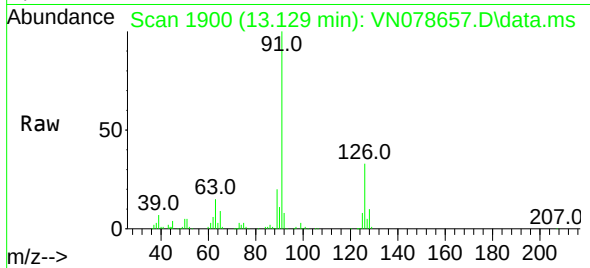
Tgt Ion: 91 Resp: 493126
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4





#79
2-Chlorotoluene
Concen: 17.515 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

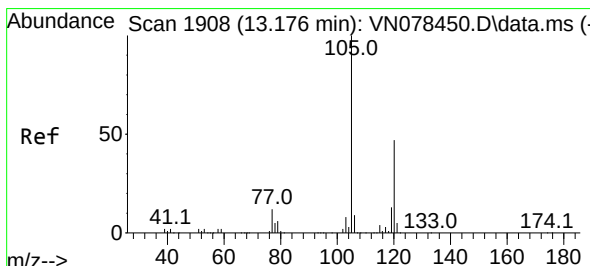
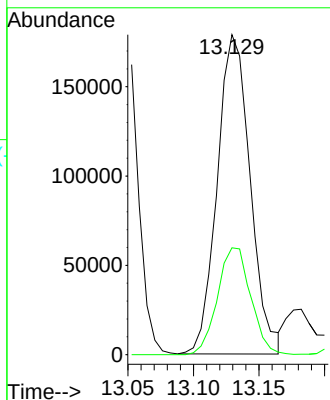
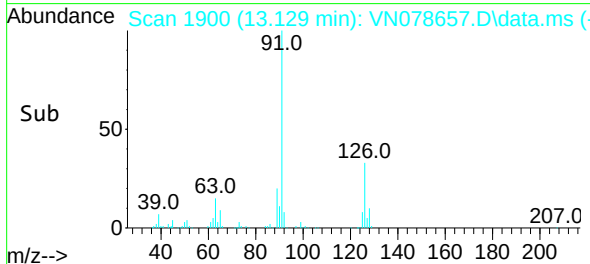
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



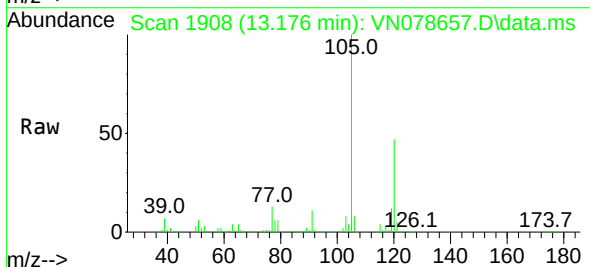
Tgt Ion: 91 Resp: 312878
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8

Manual Integrations
APPROVED

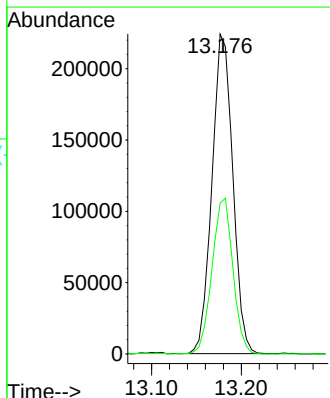
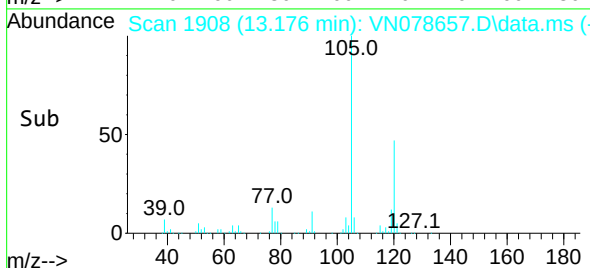
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

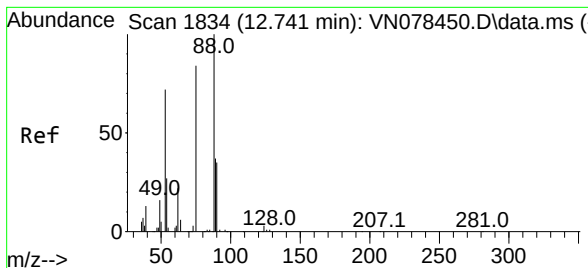


#80
1,3,5-Trimethylbenzene
Concen: 17.932 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56



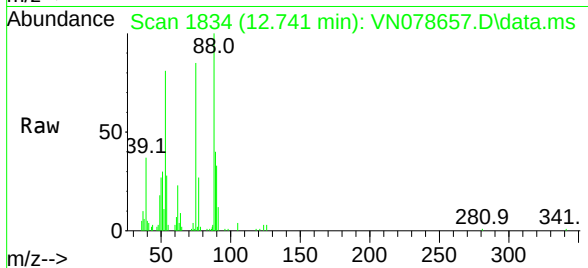
Tgt Ion:105 Resp: 361308
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.790 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

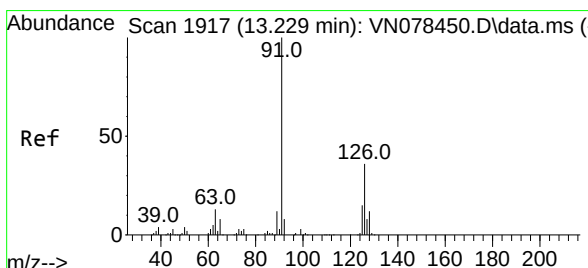
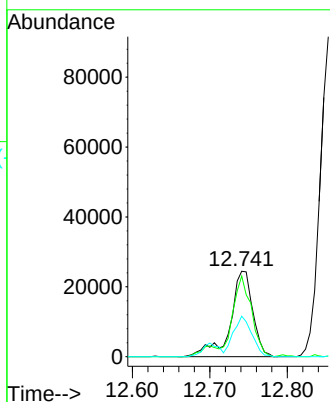
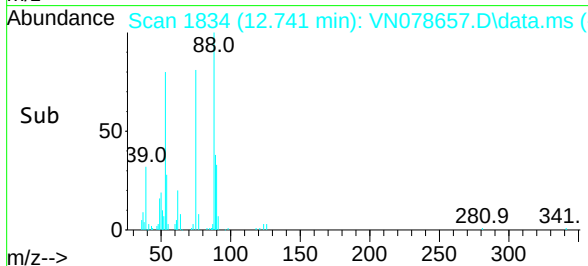
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



Tgt Ion: 75 Resp: 4940
Ion Ratio Lower Upper
75 100
53 77.8 67.4 101.2
89 39.1 38.8 58.2

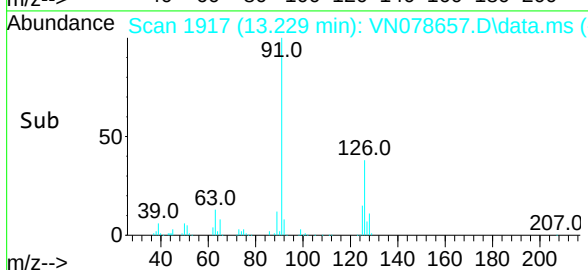
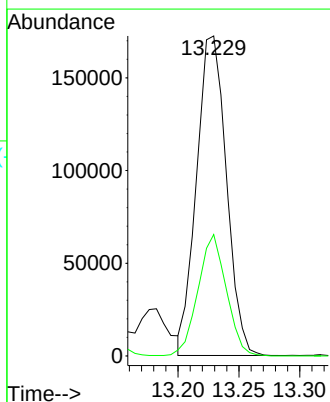
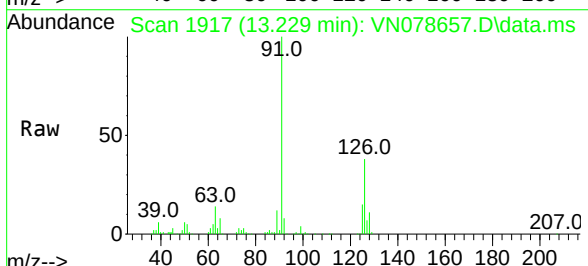
Manual Integrations
APPROVED

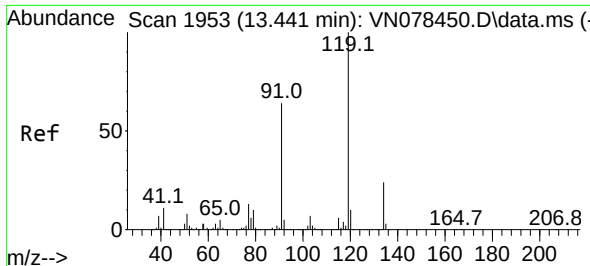
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#82
4-Chlorotoluene
Concen: 17.635 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

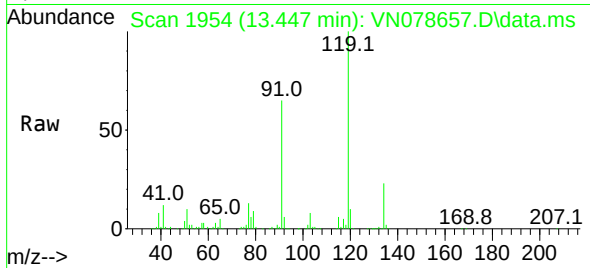
Tgt Ion: 91 Resp: 293860
Ion Ratio Lower Upper
91 100
126 36.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.769 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

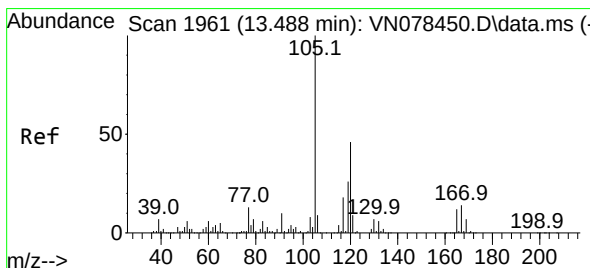
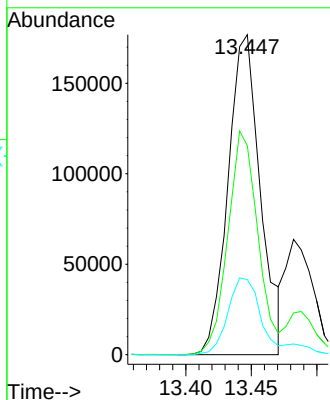
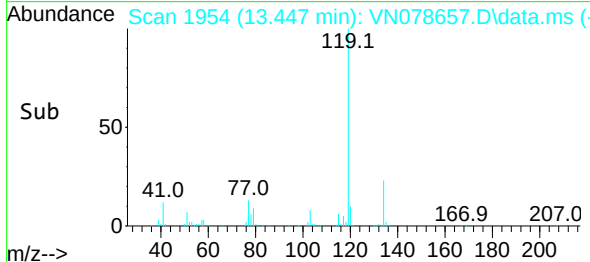
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



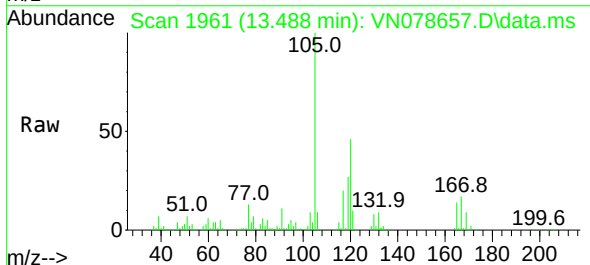
Tgt Ion:119 Resp: 30395
Ion Ratio Lower Upper
119 100
91 64.9 33.9 101.7
134 24.3 13.2 39.6

Manual Integrations
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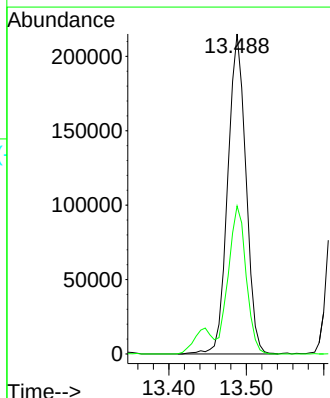
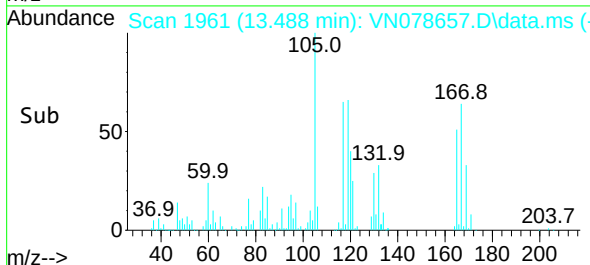
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

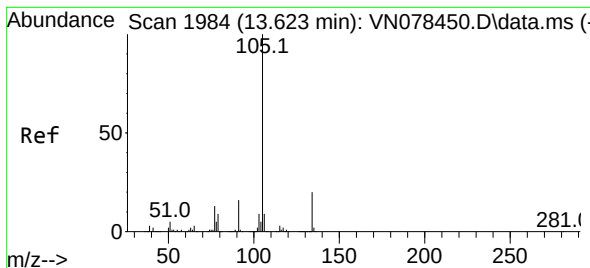


#84
1,2,4-Trimethylbenzene
Concen: 17.890 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56



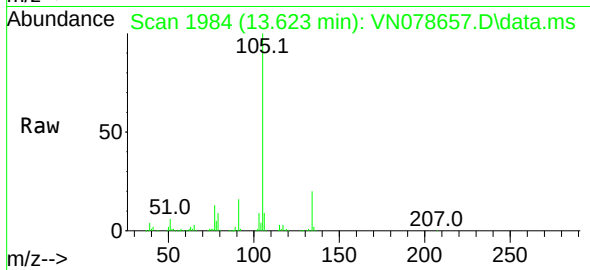
Tgt Ion:105 Resp: 350113
Ion Ratio Lower Upper
105 100
120 45.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 17.733 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078657.D
 Acq: 27 Jul 2023 12:56

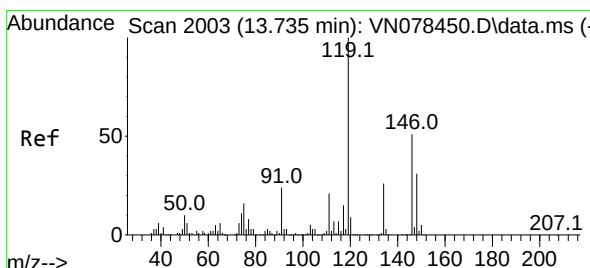
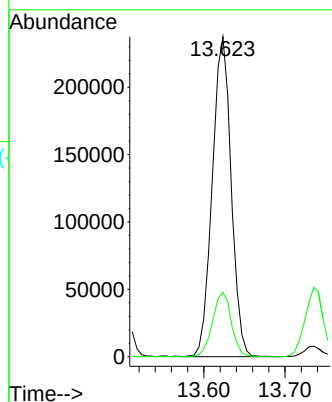
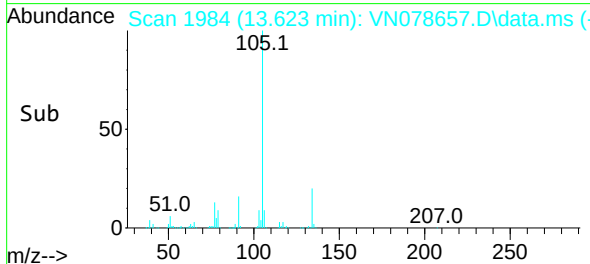
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727MBS01



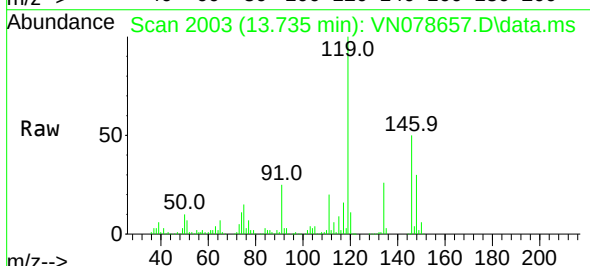
Tgt Ion:105 Resp: 38342
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

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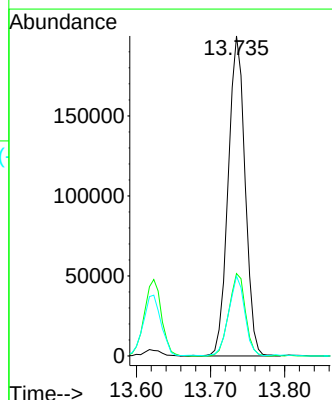
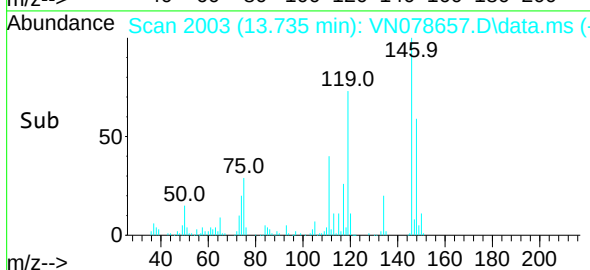
Reviewed By :John Carlone 07/27/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023

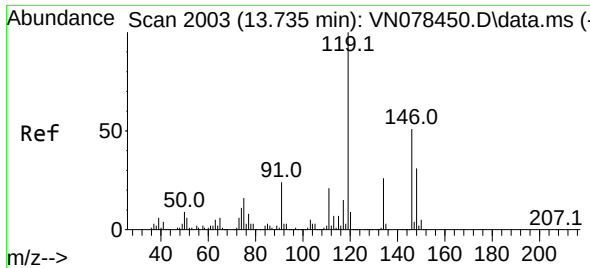


#86
 p-Isopropyltoluene
 Concen: 18.233 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078657.D
 Acq: 27 Jul 2023 12:56



Tgt Ion:119 Resp: 316562
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 23.8 12.4 37.2





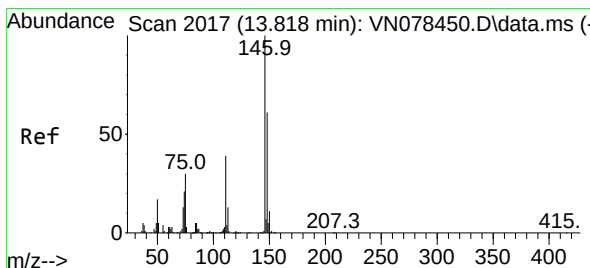
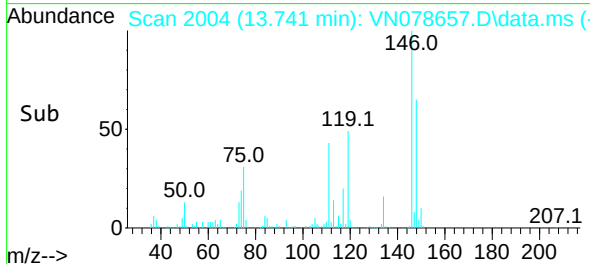
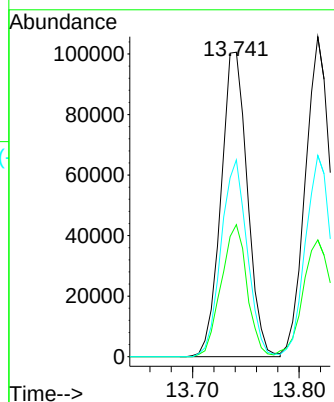
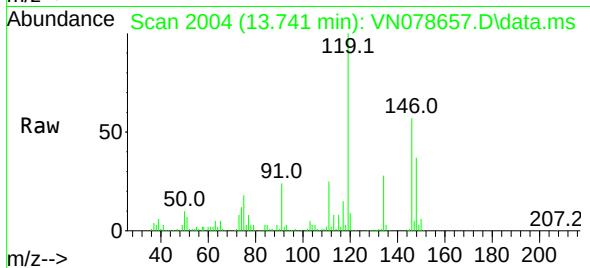
#87
1,3-Dichlorobenzene
Concen: 17.709 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0727MBSD01

Tgt Ion:146 Resp: 173360
Ion Ratio Lower Upper
146 100
111 42.5 22.1 66.3
148 63.9 32.0 96.0

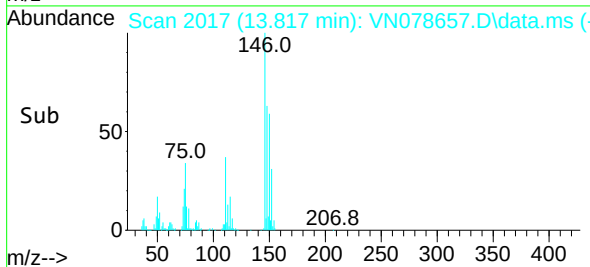
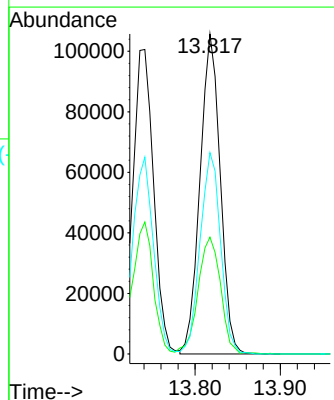
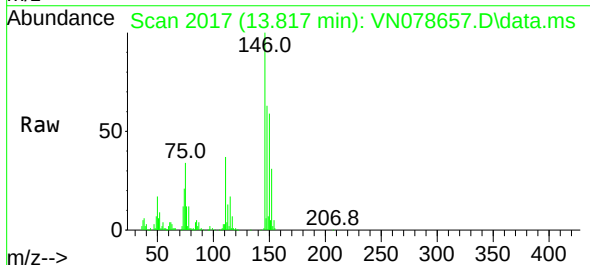
Manual Integrations
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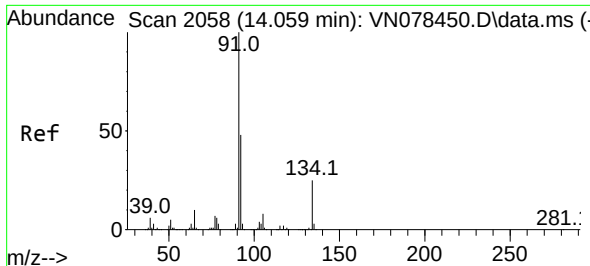
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#88
1,4-Dichlorobenzene
Concen: 17.692 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

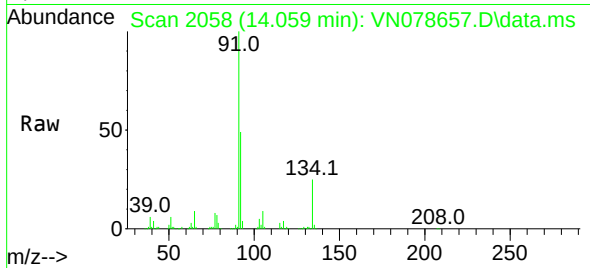
Tgt Ion:146 Resp: 174455
Ion Ratio Lower Upper
146 100
111 40.7 20.6 61.8
148 63.7 31.6 94.8





#89
n-Butylbenzene
Concen: 17.907 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

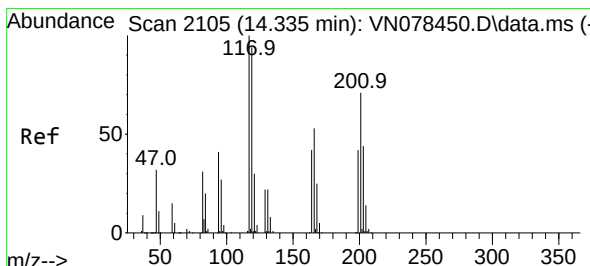
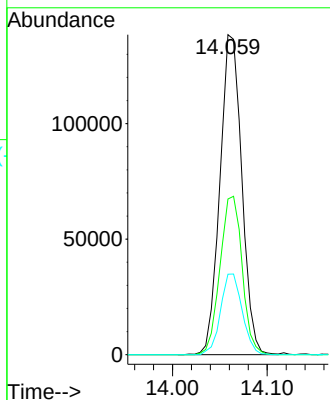
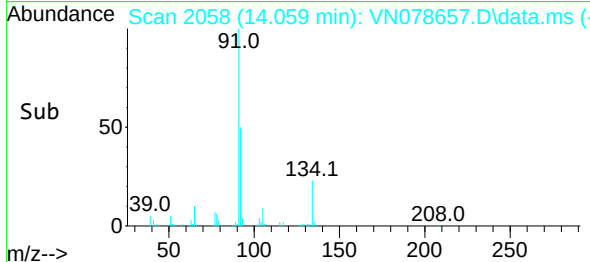
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBSD01



Tgt Ion: 91 Resp: 222454
Ion Ratio Lower Upper
91 100
92 50.1 26.4 79.0
134 24.9 12.6 37.6

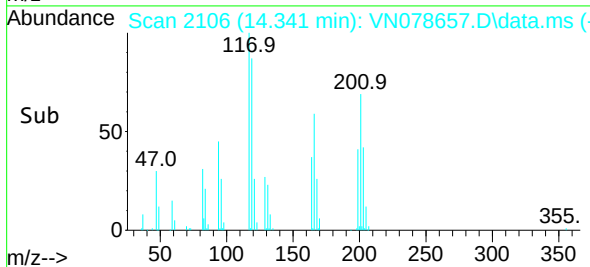
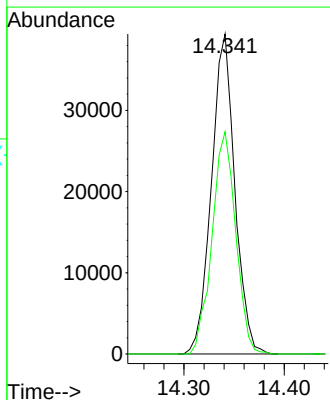
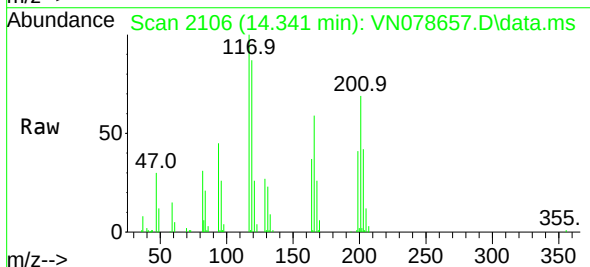
Manual Integrations
APPROVED

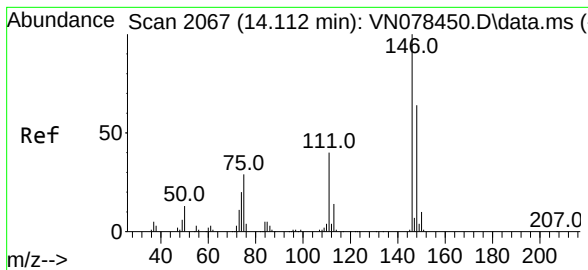
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#90
Hexachloroethane
Concen: 19.535 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

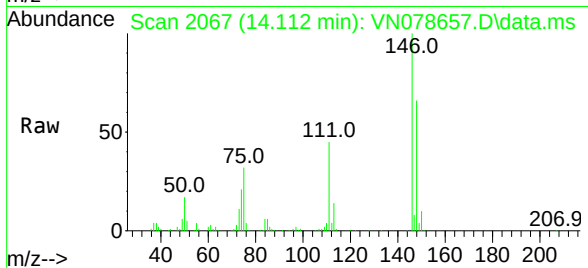
Tgt Ion:117 Resp: 63924
Ion Ratio Lower Upper
117 100
201 70.3 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 17.765 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

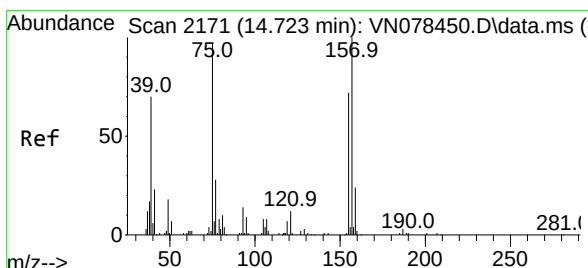
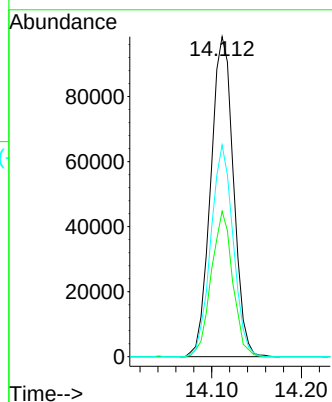
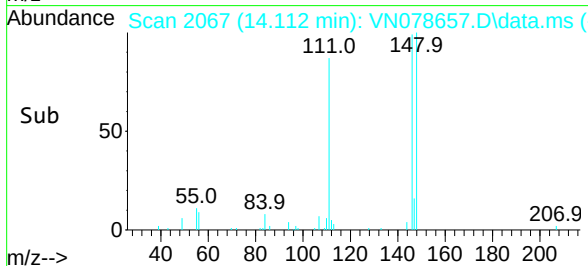
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



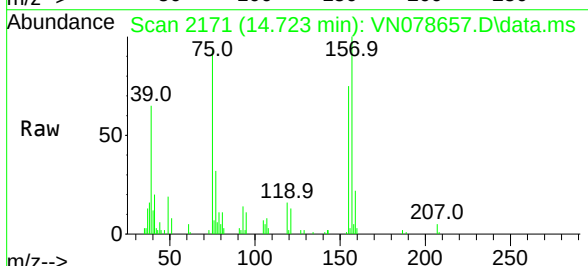
Tgt Ion:146 Resp: 173070
Ion Ratio Lower Upper
146 100
111 42.9 22.0 66.0
148 65.1 31.8 95.3

Manual Integrations
APPROVED

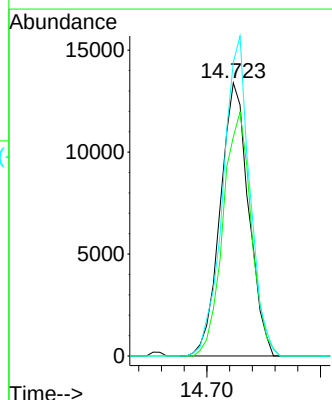
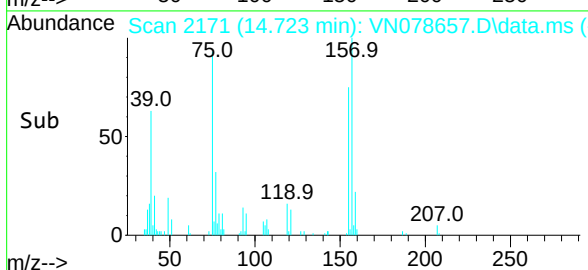
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

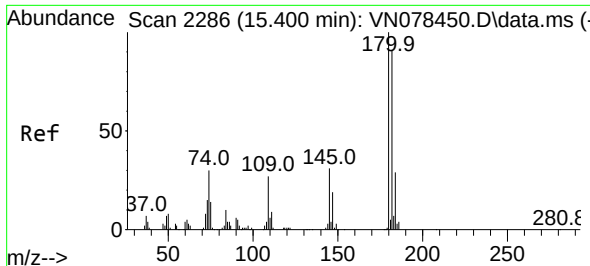


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.844 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56



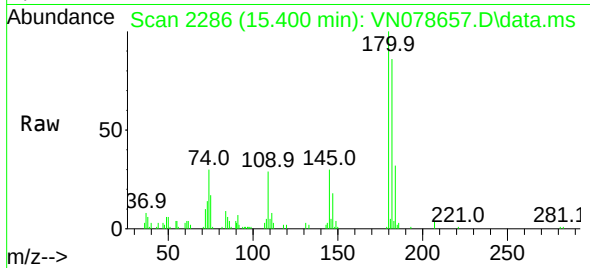
Tgt Ion: 75 Resp: 23291
Ion Ratio Lower Upper
75 100
155 88.2 39.1 117.2
157 110.4 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.070 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

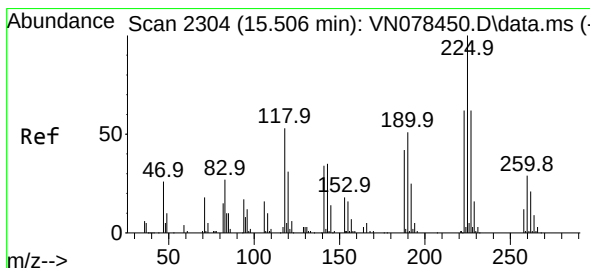
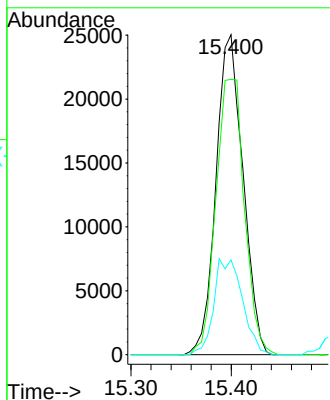
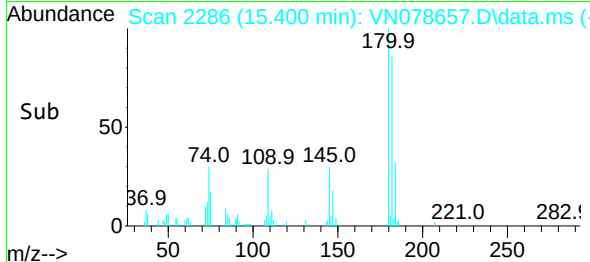
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



Tgt Ion:180 Resp: 46858
Ion Ratio Lower Upper
180 100
182 91.0 46.1 138.2
145 31.7 16.6 49.8

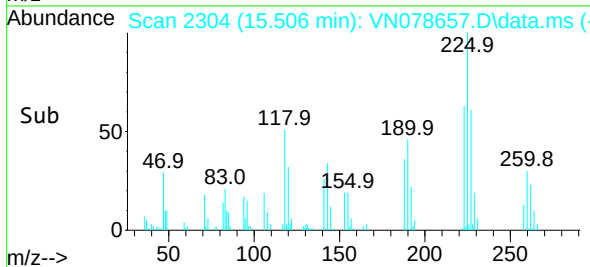
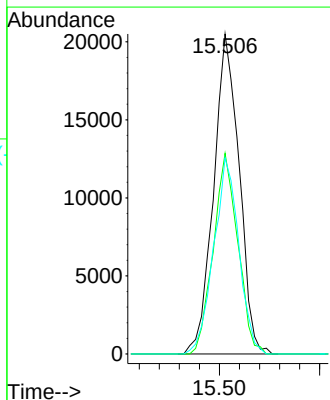
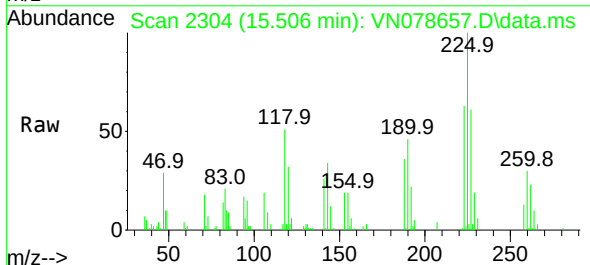
Manual Integrations
APPROVED

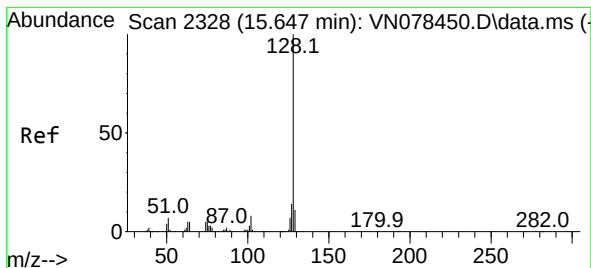
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#94
Hexachlorobutadiene
Concen: 20.023 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

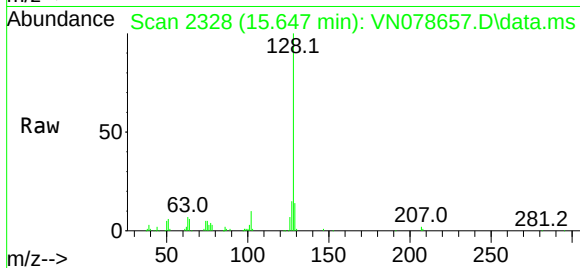
Tgt Ion:225 Resp: 36198
Ion Ratio Lower Upper
225 100
223 60.2 31.3 93.8
227 60.3 31.9 95.9





#95
Naphthalene
Concen: 13.152 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56

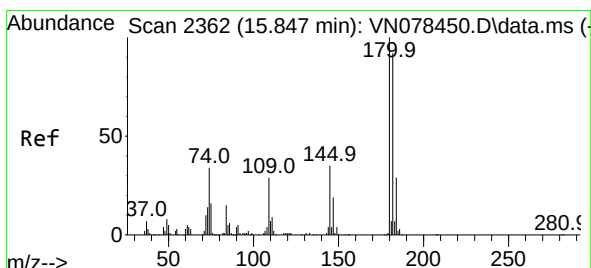
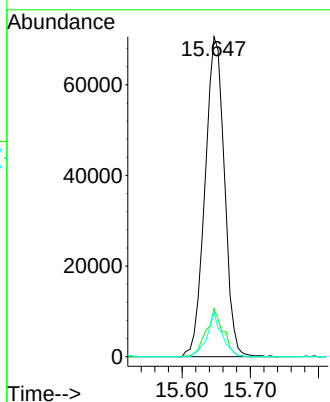
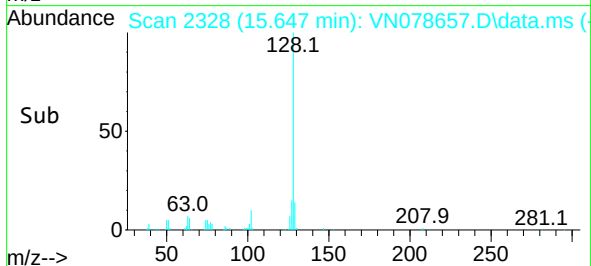
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBSD01



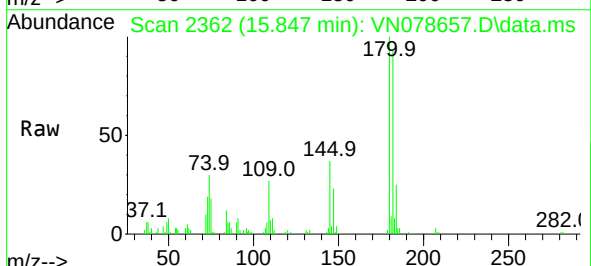
Tgt Ion:128 Resp: 139798
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.862 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078657.D
Acq: 27 Jul 2023 12:56



Tgt Ion:180 Resp: 56708
Ion Ratio Lower Upper
180 100
182 92.2 46.2 138.6
145 31.7 17.5 52.6

