

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072723\
 Data File : VN078656.D
 Acq On : 27 Jul 2023 12:21
 Operator : JC\MD
 Sample : VN0727MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 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 16:00:32 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	504745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	859241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	748333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	298700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	339829	50.221	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.440%			
35) Dibromofluoromethane	8.177	113	307692	52.752	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.500%			
50) Toluene-d8	10.576	98	1086526	49.310	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.620%			
62) 4-Bromofluorobenzene	12.853	95	344053	50.692	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	126899	20.506	ug/l	97
3) Chloromethane	2.371	50	156434	23.257	ug/l	99
4) Vinyl Chloride	2.518	62	185649	21.336	ug/l	98
5) Bromomethane	2.953	94	124120	19.522	ug/l	92
6) Chloroethane	3.124	64	116289	20.978	ug/l	99
7) Trichlorofluoromethane	3.500	101	205376	19.745	ug/l	95
8) Diethyl Ether	3.971	74	67514	19.482	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	109084	19.812	ug/l	95
10) Methyl Iodide	4.600	142	141280	18.673	ug/l	100
11) Tert butyl alcohol	5.541	59	104692	100.334	ug/l	100
12) 1,1-Dichloroethene	4.347	96	105716	19.849	ug/l	95
13) Acrolein	4.189	56	111667	108.774	ug/l	94
14) Allyl chloride	5.041	41	139003	19.100	ug/l	96
15) Acrylonitrile	5.730	53	264672	100.393	ug/l	99
16) Acetone	4.441	43	205818	97.645	ug/l	94
17) Carbon Disulfide	4.724	76	287009	18.636	ug/l	99
18) Methyl Acetate	5.041	43	176797	19.814	ug/l	91
19) Methyl tert-butyl Ether	5.812	73	342005	19.490	ug/l	98
20) Methylene Chloride	5.294	84	127210	20.314	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	115976	19.324	ug/l	93
22) Diisopropyl ether	6.683	45	332565	20.408	ug/l	93
23) Vinyl Acetate	6.612	43	1031187	99.538	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	214611	19.545	ug/l	97
25) 2-Butanone	7.494	43	332028	100.069	ug/l #	83
26) 2,2-Dichloropropane	7.506	77	179792	20.019	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	138730	19.981	ug/l	95
28) Bromochloromethane	7.830	49	104818	20.267	ug/l	94
29) Tetrahydrofuran	7.847	42	215318	98.899	ug/l	86
30) Chloroform	7.971	83	228906	20.023	ug/l	93
31) Cyclohexane	8.265	56	172899	18.907	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	205912	20.090	ug/l	100
36) 1,1-Dichloropropene	8.382	75	169453	20.120	ug/l	97
37) Ethyl Acetate	7.571	43	138187	19.683	ug/l	95
38) Carbon Tetrachloride	8.365	117	183215	20.016	ug/l	93
39) Methylcyclohexane	9.606	83	154780	20.134	ug/l	89
40) Benzene	8.612	78	507100	20.324	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	69015	19.283	ug/l	93
42) 1,2-Dichloroethane	8.682	62	168859	19.897	ug/l	99
43) Isopropyl Acetate	8.700	43	254544	22.022	ug/l #	90
44) Trichloroethene	9.359	130	132334	19.679	ug/l	91
45) 1,2-Dichloropropane	9.629	63	128718	20.369	ug/l	94
46) Dibromomethane	9.718	93	91863	20.654	ug/l	91
47) Bromodichloromethane	9.894	83	181957	20.408	ug/l	95
48) Methyl methacrylate	9.688	41	107722	20.116	ug/l	89
49) 1,4-Dioxane	9.700	88	48826	418.089	ug/l #	89
51) 4-Methyl-2-Pentanone	10.453	43	710252	103.305	ug/l	93
52) Toluene	10.635	92	323172	20.898	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	186599	20.429	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	202559	20.804	ug/l	94
55) 1,1,2-Trichloroethane	11.023	97	129990	21.335	ug/l	97
56) Ethyl methacrylate	10.882	69	177297	20.817	ug/l	92
57) 1,3-Dichloropropane	11.170	76	206686	19.951	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	247510	81.546	ug/l	97
59) 2-Hexanone	11.200	43	500504	102.429	ug/l	91
60) Dibromochloromethane	11.365	129	140830	20.937	ug/l	99
61) 1,2-Dibromoethane	11.476	107	127264	20.277	ug/l	100
64) Tetrachloroethene	11.112	164	109703	19.499	ug/l	97
65) Chlorobenzene	11.894	112	332423	19.873	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	129788	20.169	ug/l	100
67) Ethyl Benzene	11.970	91	571889	20.227	ug/l	98
68) m/p-Xylenes	12.076	106	435366	41.647	ug/l	97
69) o-Xylene	12.406	106	210579	19.943	ug/l	96
70) Styrene	12.417	104	337722	20.444	ug/l	98
71) Bromoform	12.582	173	92842	21.304	ug/l #	100
73) Isopropylbenzene	12.700	105	529951	18.882	ug/l	99
74) N-amyl acetate	12.500	43	179556	18.564	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	178455	20.966	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	159321m	22.067	ug/l	
77) Bromobenzene	12.988	156	130109	20.402	ug/l	92
78) n-propylbenzene	13.041	91	575897	19.186	ug/l	99
79) 2-Chlorotoluene	13.129	91	375351	19.091	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	428194	19.308	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	55076	20.046	ug/l	96
82) 4-Chlorotoluene	13.229	91	339079	18.487	ug/l	96
83) tert-Butylbenzene	13.441	119	365336	19.404	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	421878	19.585	ug/l	99
85) sec-Butylbenzene	13.623	105	458249	19.255	ug/l	99
86) p-Isopropyltoluene	13.735	119	364807	19.090	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	201773	18.726	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	197405	18.189	ug/l	99
89) n-Butylbenzene	14.059	91	261105	19.097	ug/l	97
90) Hexachloroethane	14.335	117	78076	21.769	ug/l	83
91) 1,2-Dichlorobenzene	14.111	146	201574	18.799	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26380	18.420	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	51362	15.008	ug/l	97
94) Hexachlorobutadiene	15.511	225	38526	19.213	ug/l	93
95) Naphthalene	15.647	128	147480	12.606	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	59537	15.130	ug/l	93

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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

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

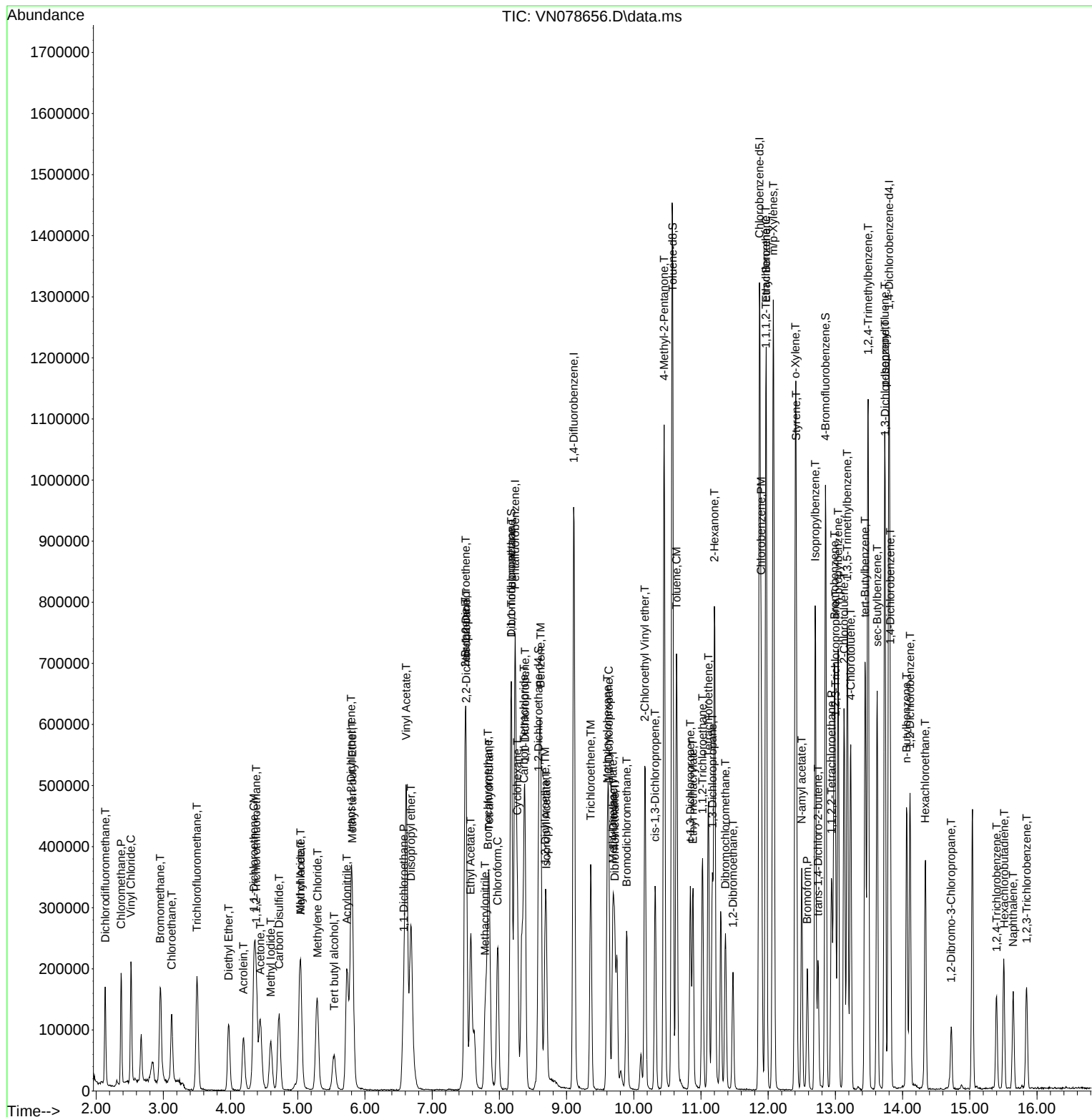
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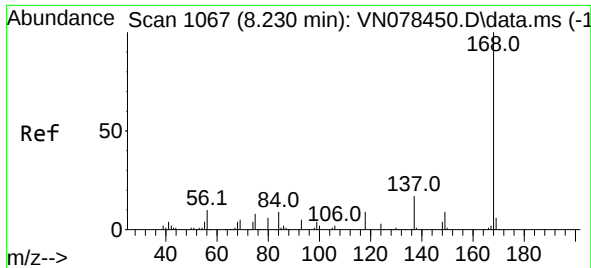
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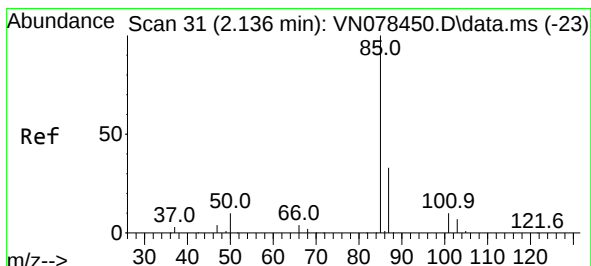
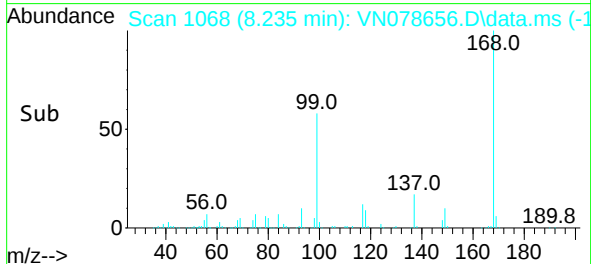
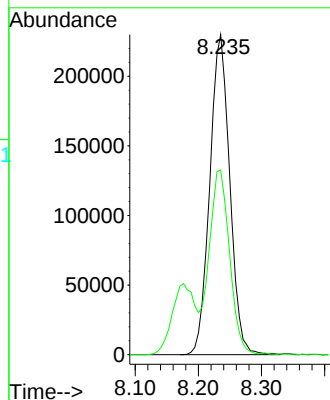
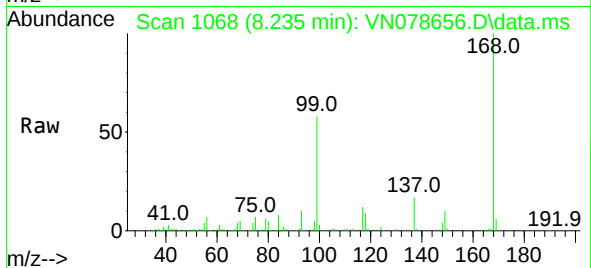
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01

Tgt Ion:168 Resp: 504749
Ion Ratio Lower Upper
168 100
99 57.5 53.0 79.6

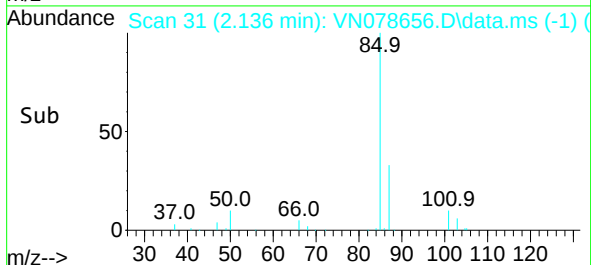
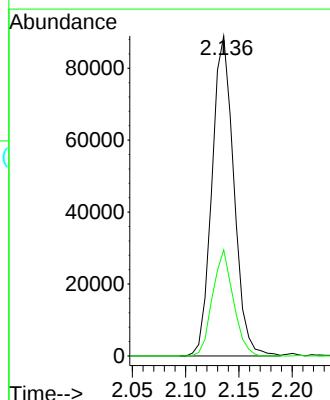
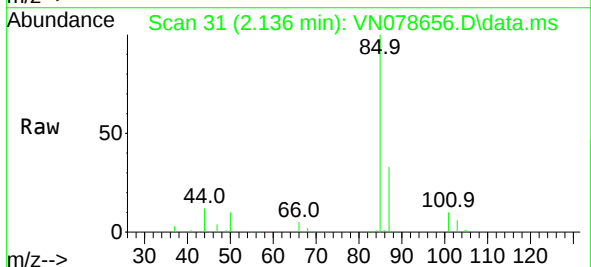
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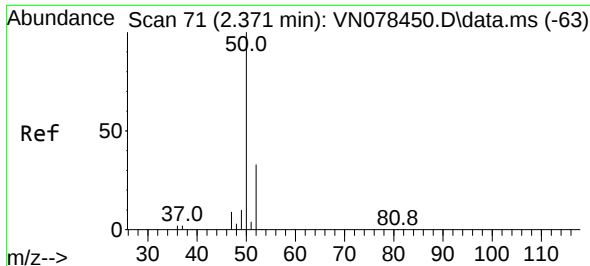
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#2
Dichlorodifluoromethane
Concen: 20.506 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

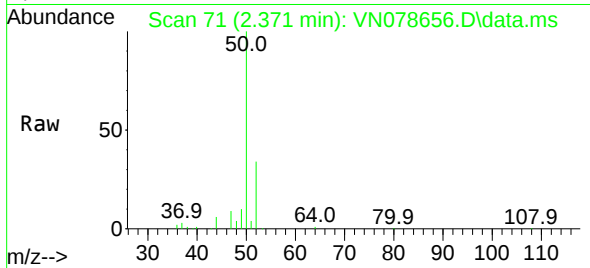
Tgt Ion: 85 Resp: 126899
Ion Ratio Lower Upper
85 100
87 33.2 15.8 47.4





#3
Chloromethane
Concen: 23.257 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

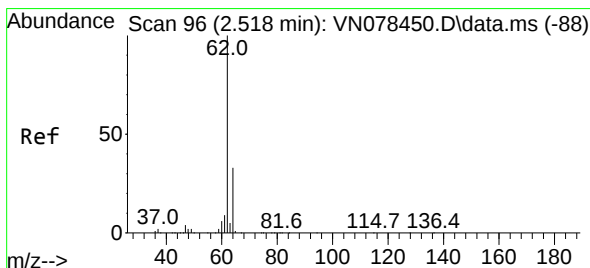
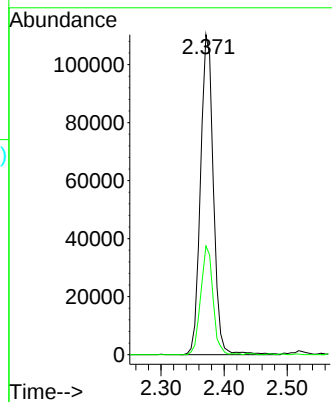
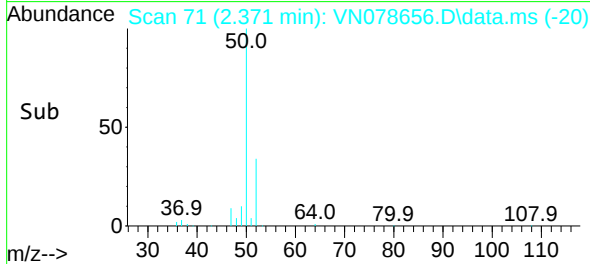
Instrument :
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VN0727MBS01



Tgt Ion: 50 Resp: 156434
Ion Ratio Lower Upper
50 100
52 33.9 26.5 39.7

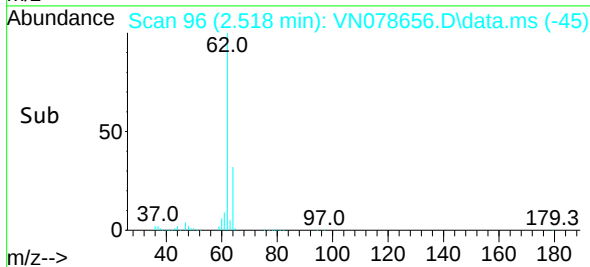
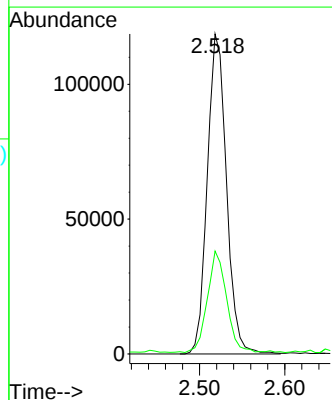
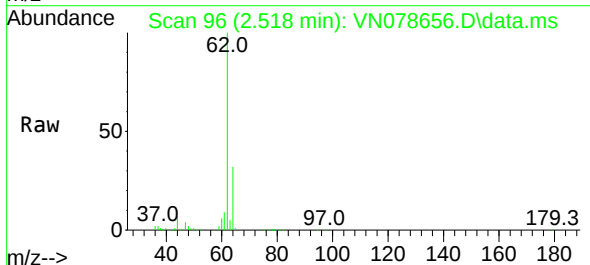
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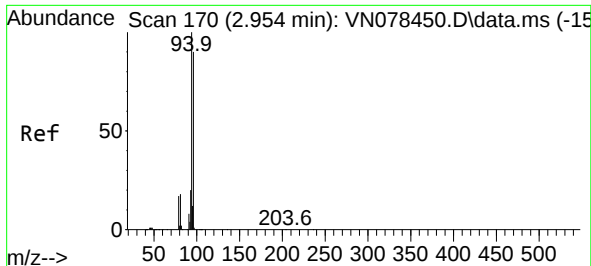
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#4
Vinyl Chloride
Concen: 21.336 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

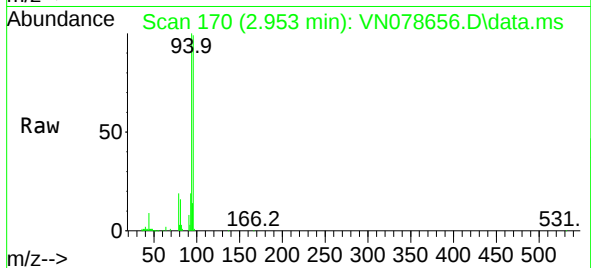
Tgt Ion: 62 Resp: 185649
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.2





#5
Bromomethane
Concen: 19.522 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

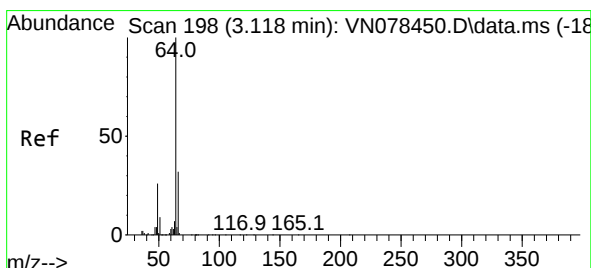
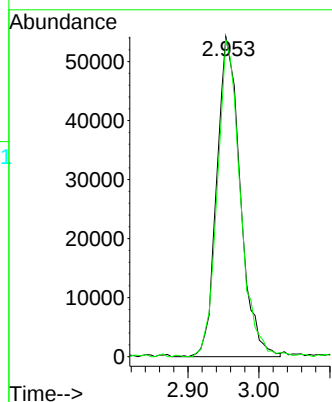
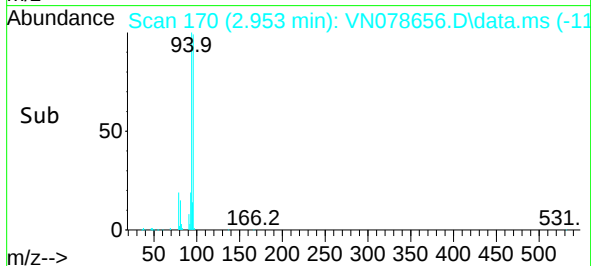
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Tgt Ion: 94 Resp: 124120
Ion Ratio Lower Upper
94 100
96 98.7 73.1 109.7

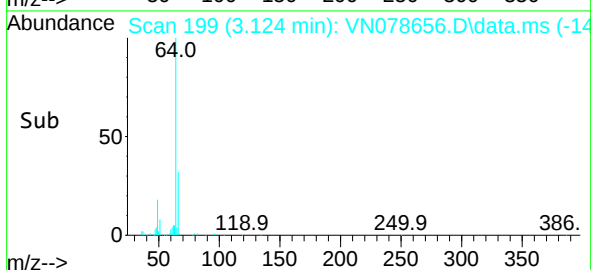
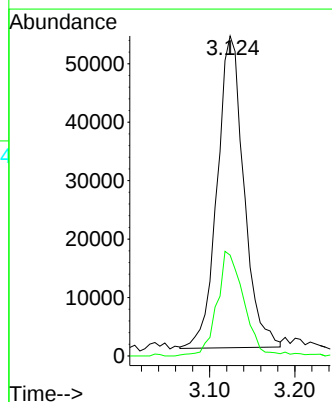
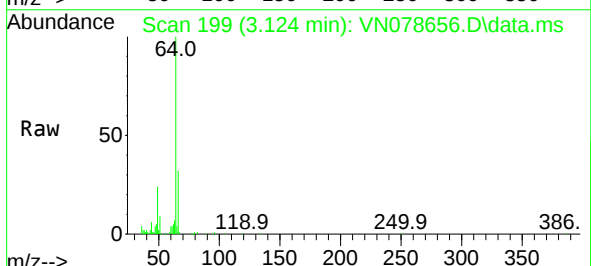
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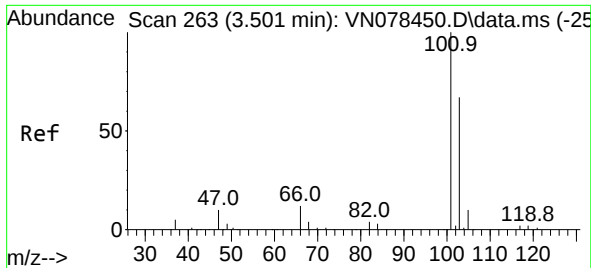
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#6
Chloroethane
Concen: 20.978 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

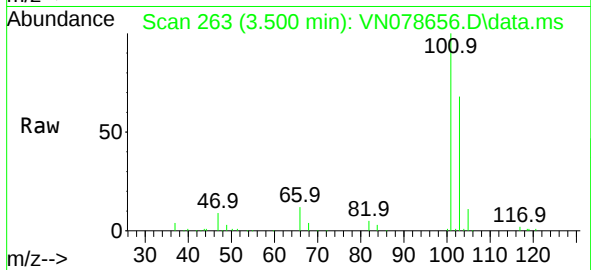
Tgt Ion: 64 Resp: 116289
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 19.745 ug/l
 RT: 3.500 min Scan# 205370
 Delta R.T. -0.001 min
 Lab File: VN078656.D
 Acq: 27 Jul 2023 12:21

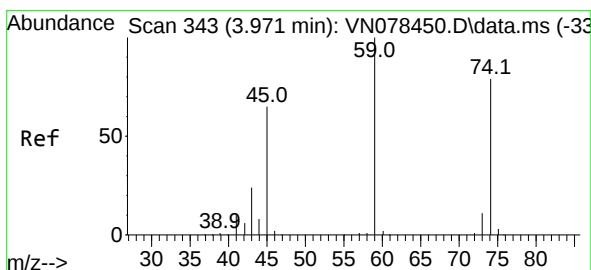
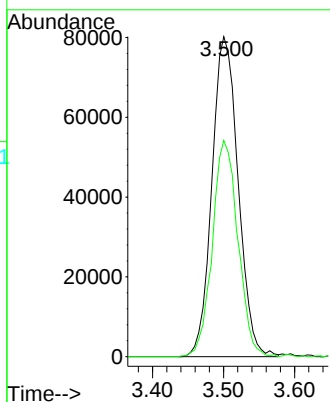
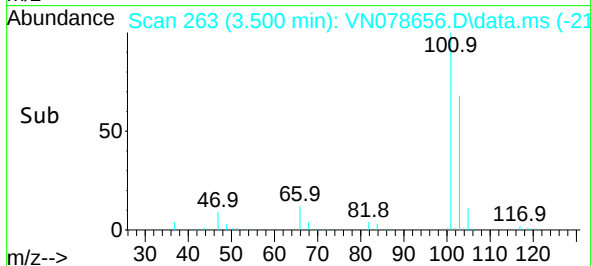
Instrument :
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Tgt Ion:101 Resp: 205370
 Ion Ratio Lower Upper
 101 100
 103 67.5 50.7 76.1

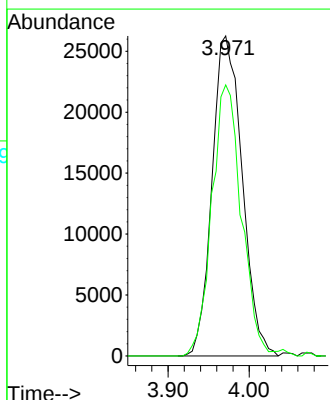
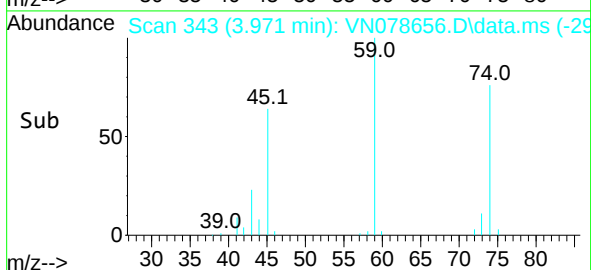
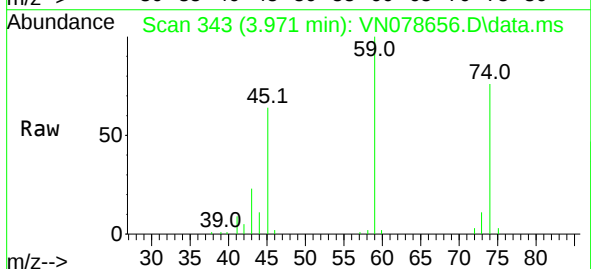
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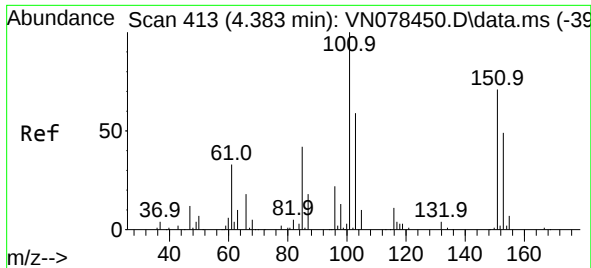
Reviewed By :John Carlone 07/27/2023
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#8
 Diethyl Ether
 Concen: 19.482 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.000 min
 Lab File: VN078656.D
 Acq: 27 Jul 2023 12:21

Tgt Ion: 74 Resp: 67514
 Ion Ratio Lower Upper
 74 100
 45 83.3 34.4 103.3





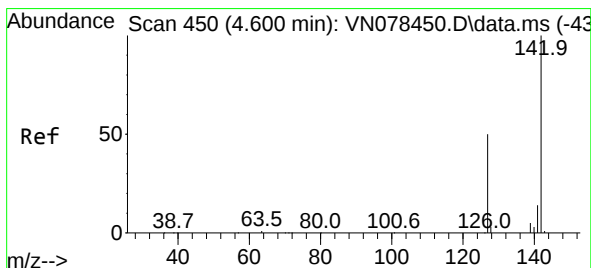
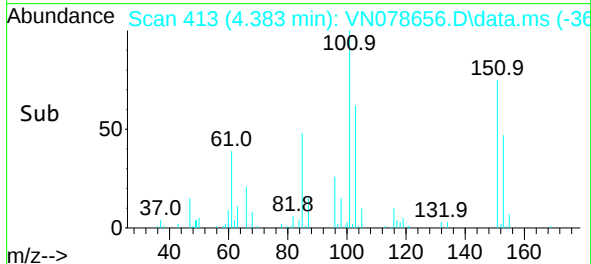
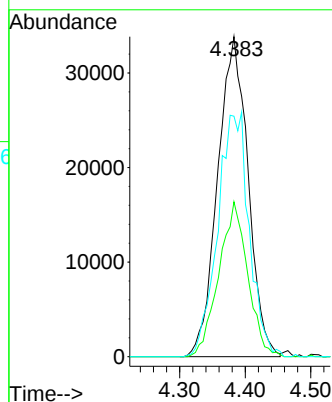
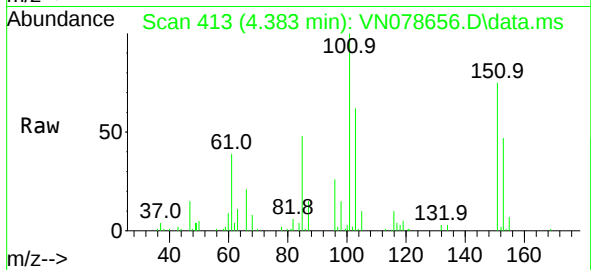
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.812 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01

Tgt Ion:101 Resp: 109084
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 78.8 57.6 86.4

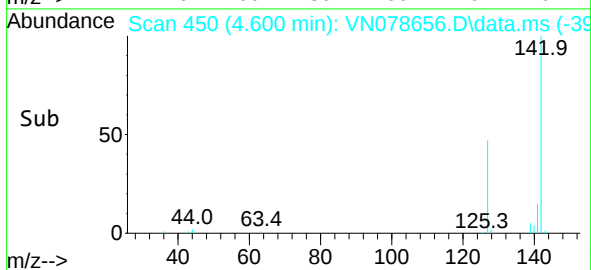
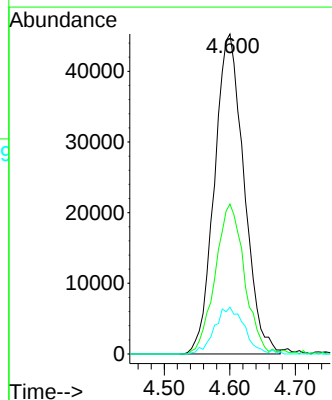
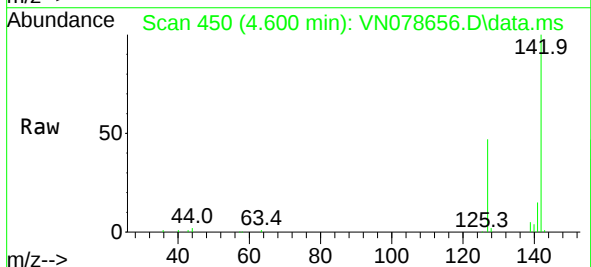
Manual Integrations
APPROVED

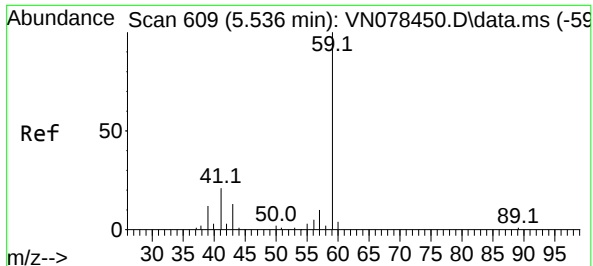
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#10
Methyl Iodide
Concen: 18.673 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

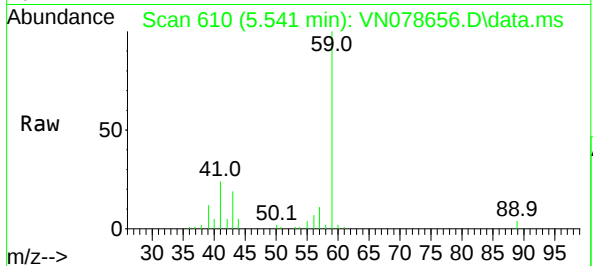
Tgt Ion:142 Resp: 141280
Ion Ratio Lower Upper
142 100
127 46.9 37.6 56.4
141 14.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 100.334 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.005 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

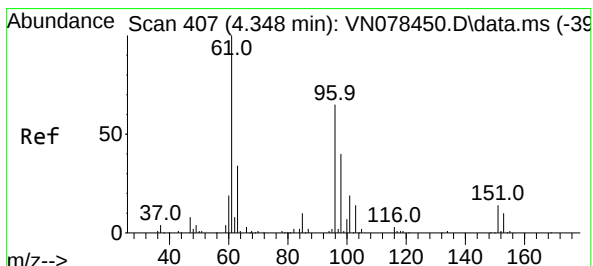
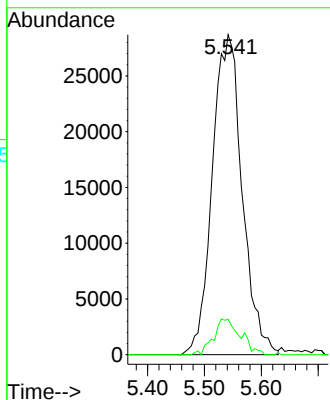
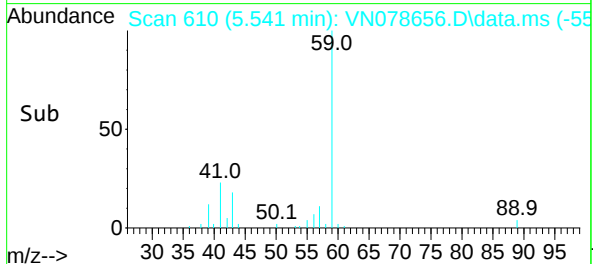
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



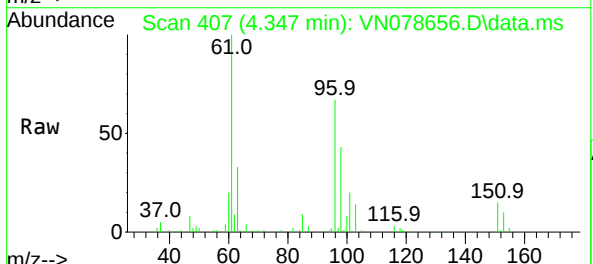
Tgt Ion: 59 Resp: 104692
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

Manual Integrations
APPROVED

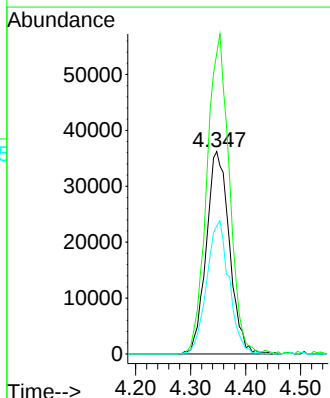
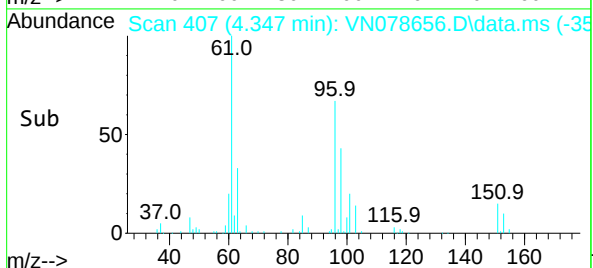
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

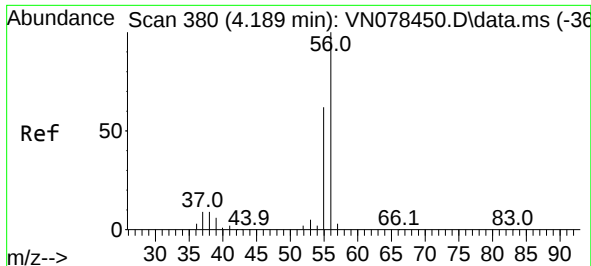


#12
1,1-Dichloroethene
Concen: 19.849 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21



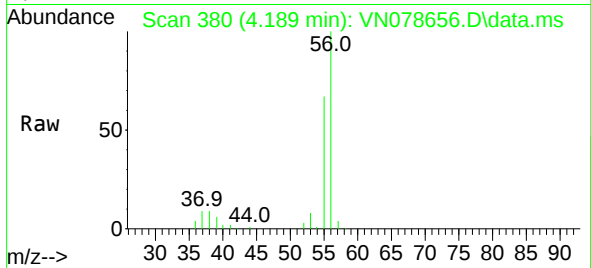
Tgt Ion: 96 Resp: 105716
Ion Ratio Lower Upper
96 100
61 148.5 112.7 169.1
98 63.3 51.2 76.8





#13
Acrolein
Concen: 108.774 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

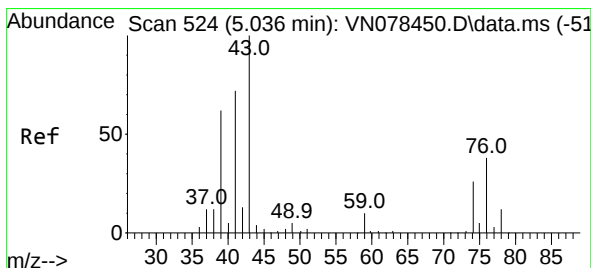
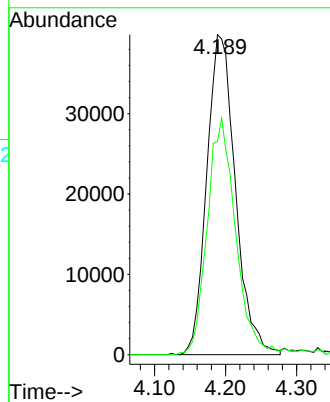
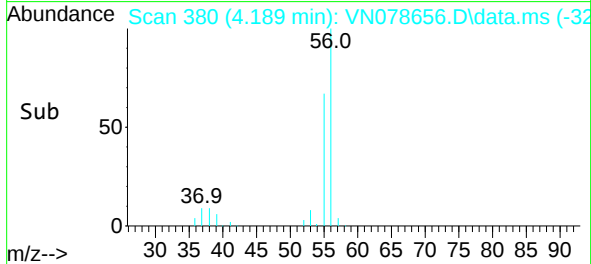
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



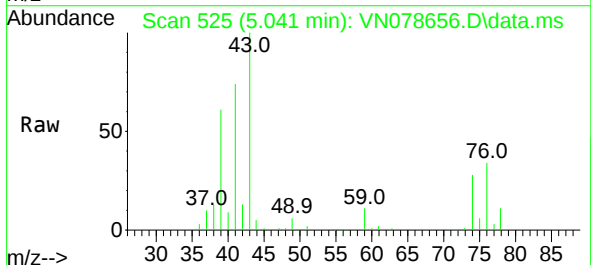
Tgt Ion: 56 Resp: 11166
Ion Ratio Lower Upper
56 100
55 72.9 54.5 81.7

Manual Integrations
APPROVED

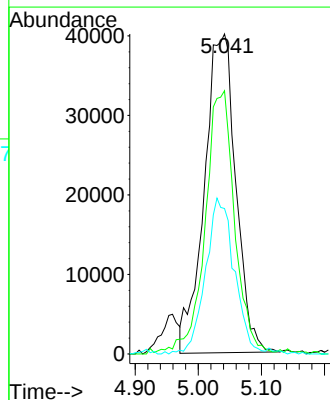
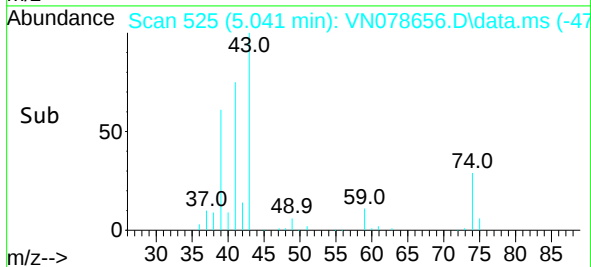
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

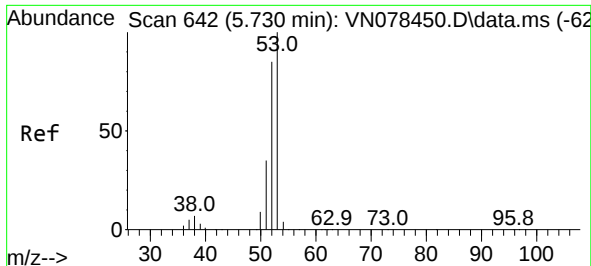


#14
Allyl chloride
Concen: 19.100 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.005 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21



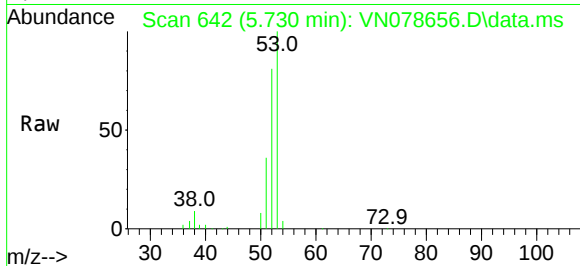
Tgt Ion: 41 Resp: 139003
Ion Ratio Lower Upper
41 100
39 75.8 58.8 88.2
76 44.5 39.1 58.7





#15
Acrylonitrile
Concen: 100.393 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

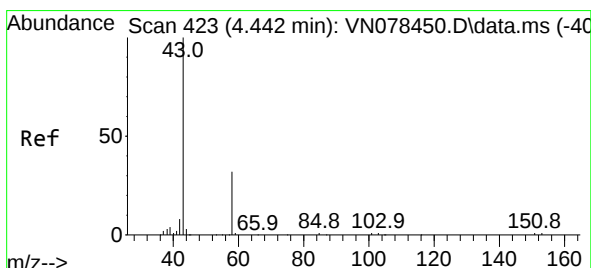
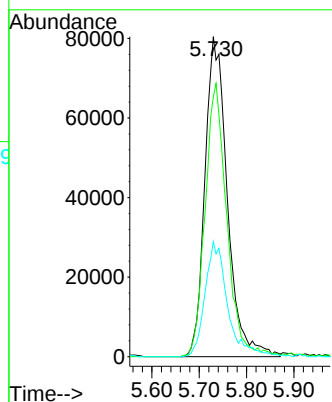
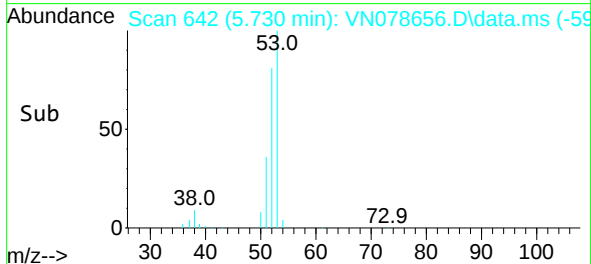
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



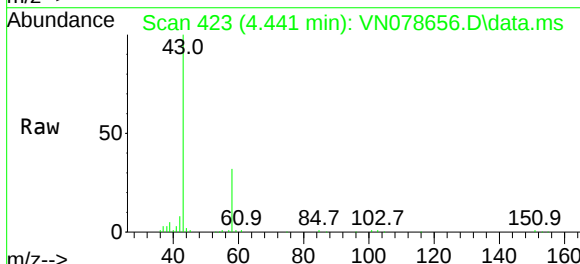
Tgt Ion: 53 Resp: 264672
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 36.2 28.9 43.3

Manual Integrations
APPROVED

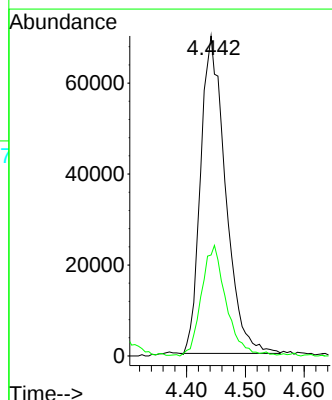
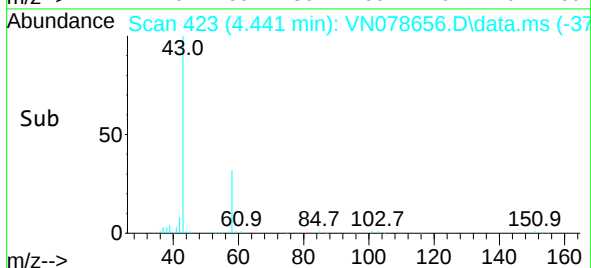
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

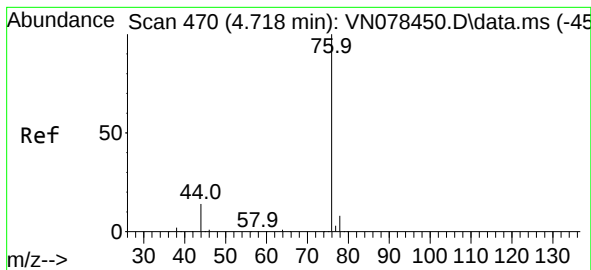


#16
Acetone
Concen: 97.645 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21



Tgt Ion: 43 Resp: 205818
Ion Ratio Lower Upper
43 100
58 31.8 28.0 42.0





#17

Carbon Disulfide

Concen: 18.636 ug/l

RT: 4.724 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN078656.D

Acq: 27 Jul 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBS01

Tgt Ion: 76 Resp: 287009

Ion Ratio Lower Upper

76 100

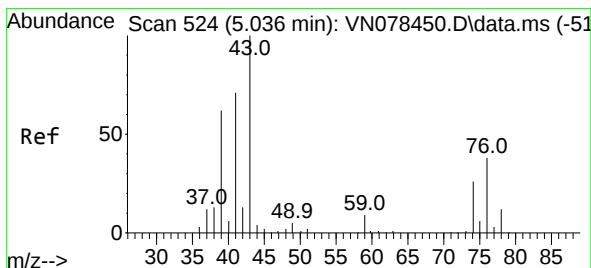
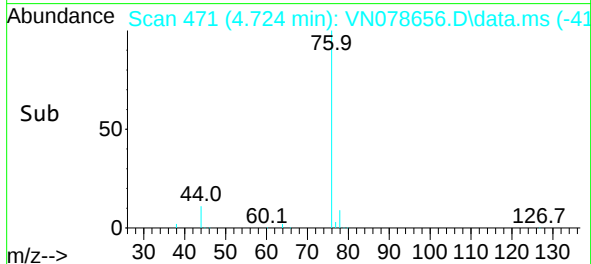
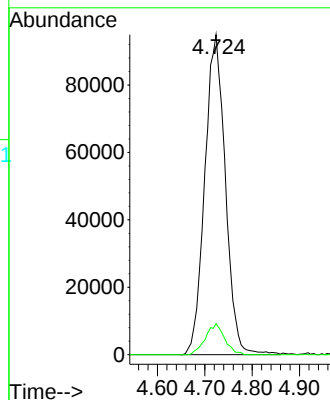
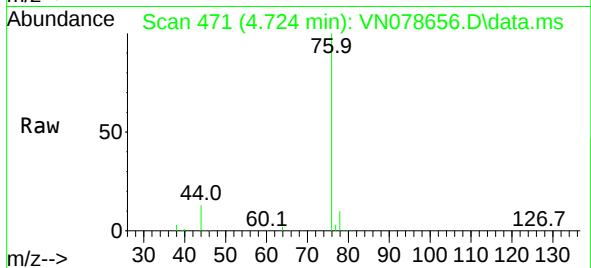
78 9.7 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#18

Methyl Acetate

Concen: 19.814 ug/l

RT: 5.041 min Scan# 525

Delta R.T. 0.005 min

Lab File: VN078656.D

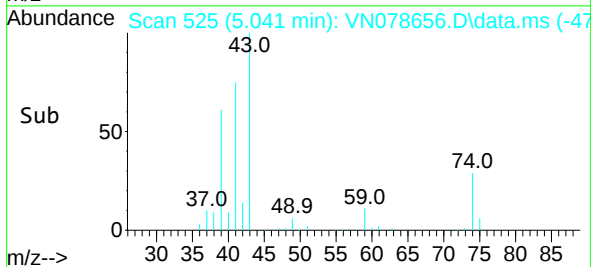
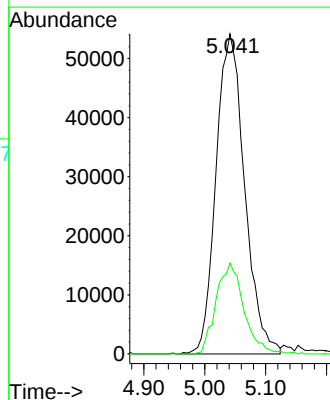
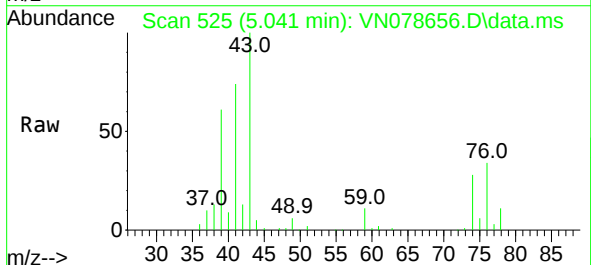
Acq: 27 Jul 2023 12:21

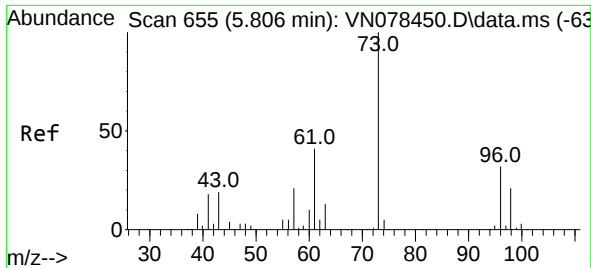
Tgt Ion: 43 Resp: 176797

Ion Ratio Lower Upper

43 100

74 27.6 26.2 39.4





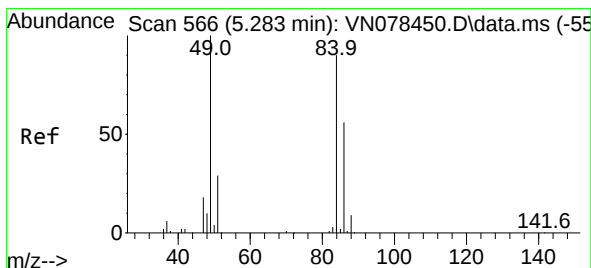
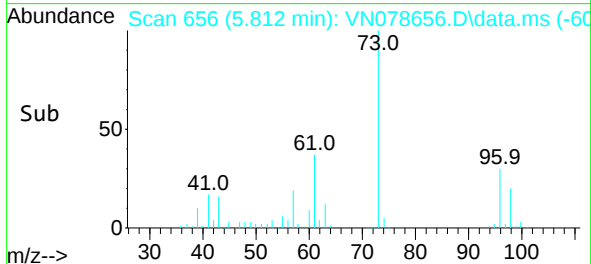
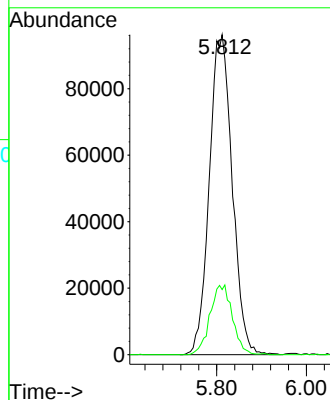
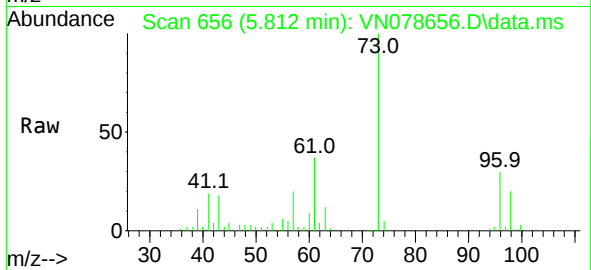
#19
Methyl tert-butyl Ether
Concen: 19.490 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01

Tgt Ion: 73 Resp: 34200
Ion Ratio Lower Upper
73 100
57 20.4 15.6 23.4

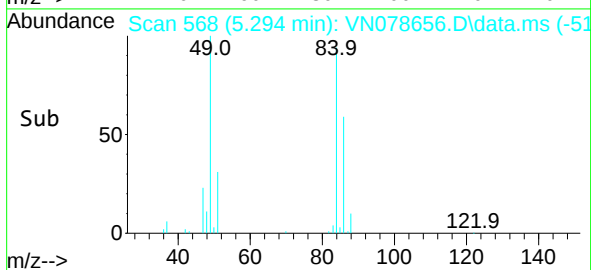
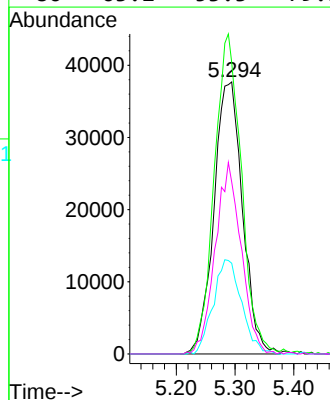
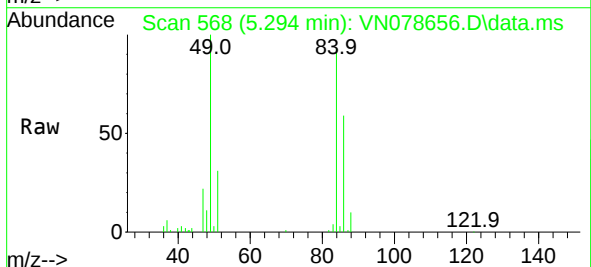
Manual Integrations
APPROVED

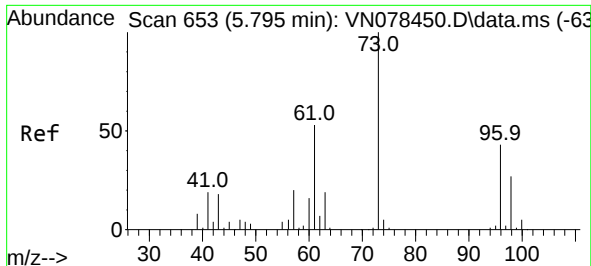
Reviewed By :John Carbone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#20
Methylene Chloride
Concen: 20.314 ug/l
RT: 5.294 min Scan# 568
Delta R.T. 0.011 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

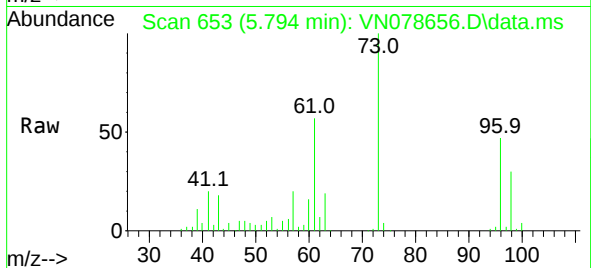
Tgt Ion: 84 Resp: 127210
Ion Ratio Lower Upper
84 100
49 107.1 79.7 119.5
51 33.3 25.2 37.8
86 63.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.324 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

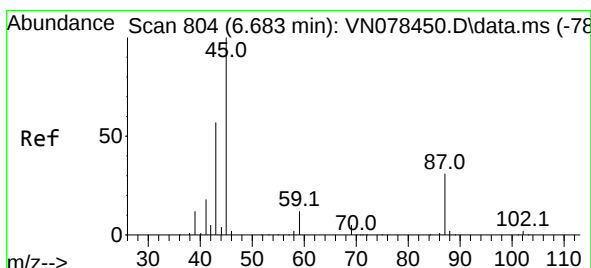
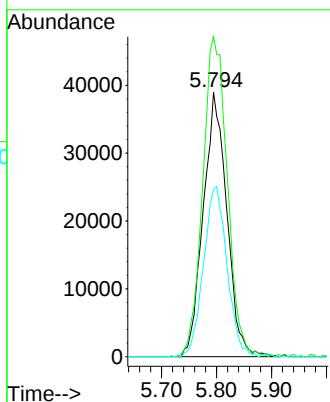
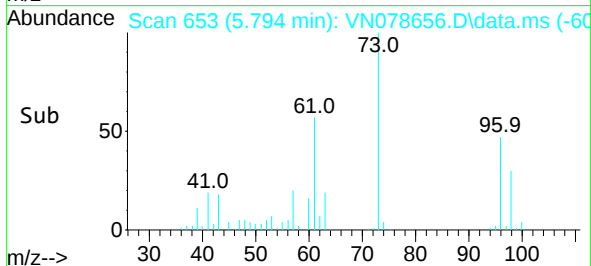
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



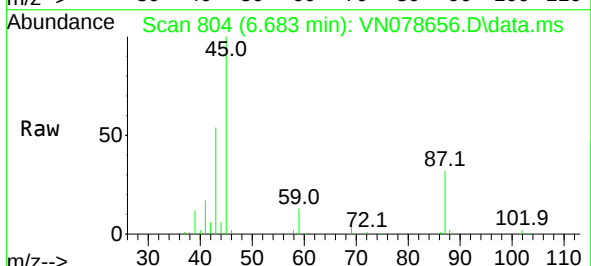
Tgt Ion: 96 Resp: 115976
Ion Ratio Lower Upper
96 100
61 120.5 90.1 135.1
98 63.3 46.4 69.6

Manual Integrations
APPROVED

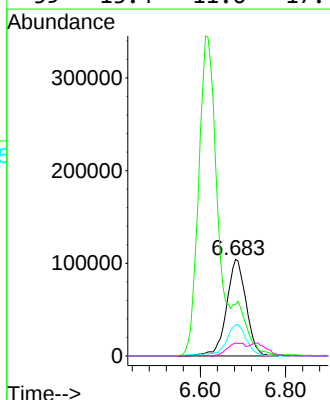
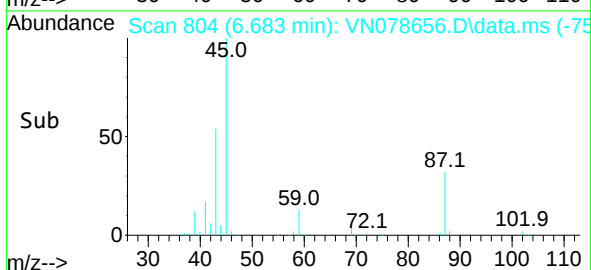
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

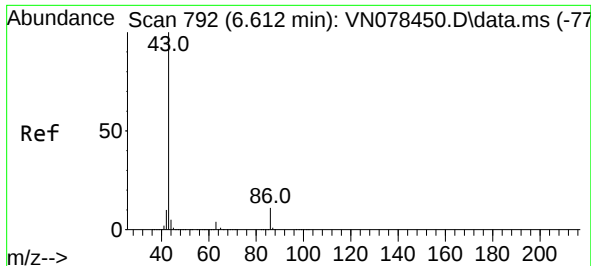


#22
Diisopropyl ether
Concen: 20.408 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21



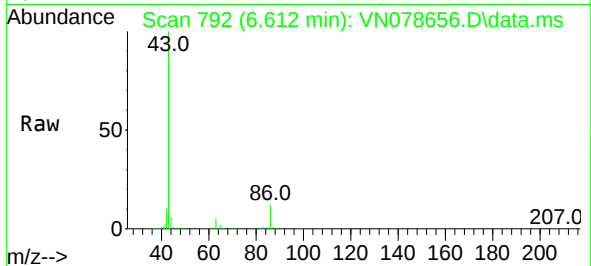
Tgt Ion: 45 Resp: 332565
Ion Ratio Lower Upper
45 100
43 53.3 45.5 68.3
87 32.3 31.8 47.8
59 13.4 11.6 17.4





#23
 Vinyl Acetate
 Concen: 99.538 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078656.D
 Acq: 27 Jul 2023 12:21

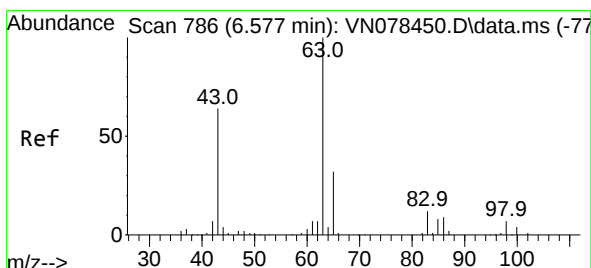
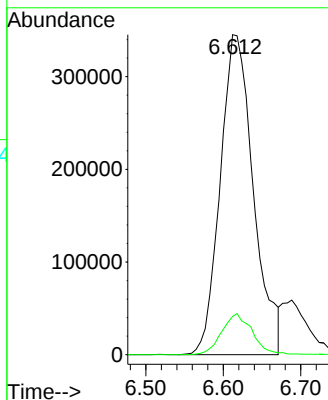
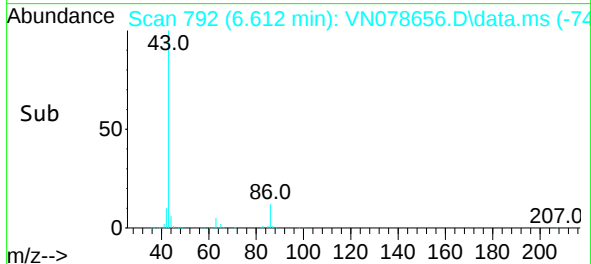
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727MBS01



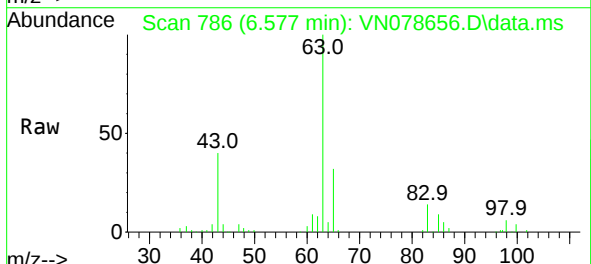
Tgt Ion: 43 Resp: 103118
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6

Manual Integrations
 APPROVED

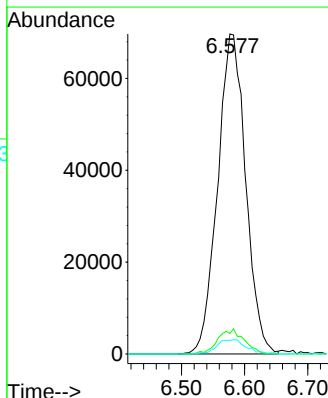
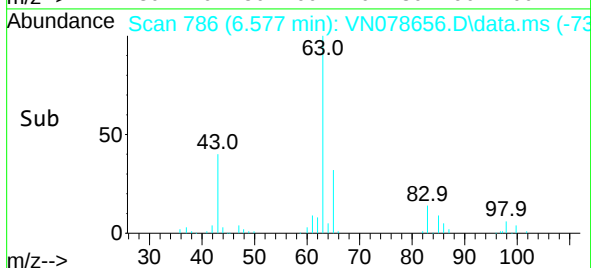
Reviewed By :John Carlone 07/27/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023

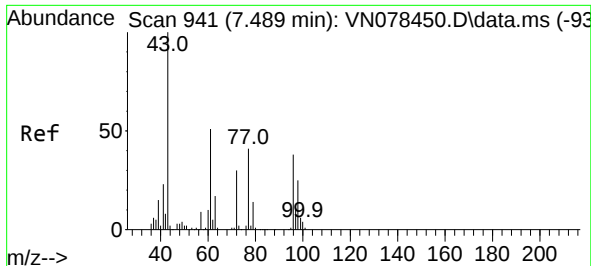


#24
 1,1-Dichloroethane
 Concen: 19.545 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078656.D
 Acq: 27 Jul 2023 12:21



Tgt Ion: 63 Resp: 214611
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 4.2 2.5 7.4





#25

2-Butanone

Concen: 100.069 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.005 min

Lab File: VN078656.D

Acq: 27 Jul 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBS01

Tgt Ion: 43 Resp: 332028

Ion Ratio Lower Upper

43 100

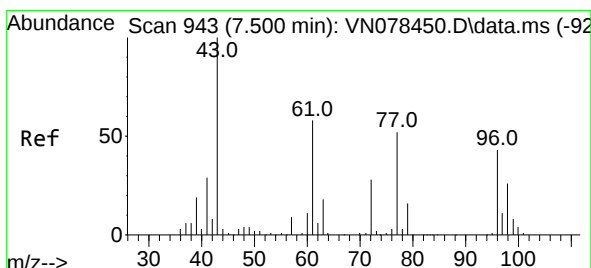
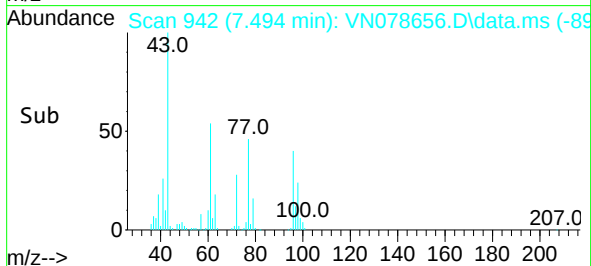
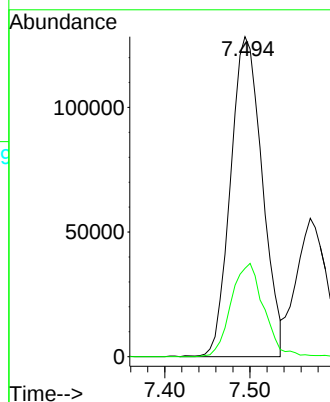
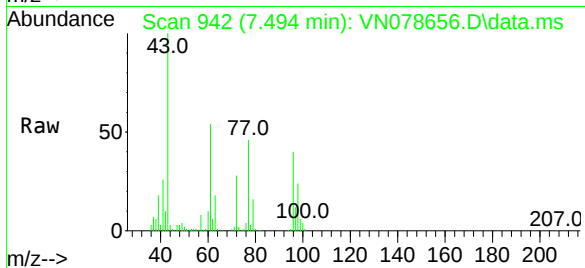
72 27.6 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#26

2,2-Dichloropropane

Concen: 20.019 ug/l

RT: 7.506 min Scan# 944

Delta R.T. 0.006 min

Lab File: VN078656.D

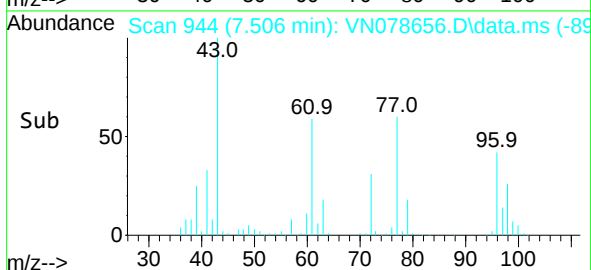
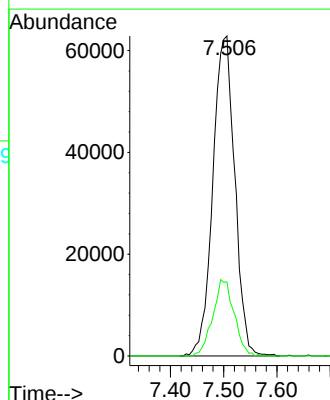
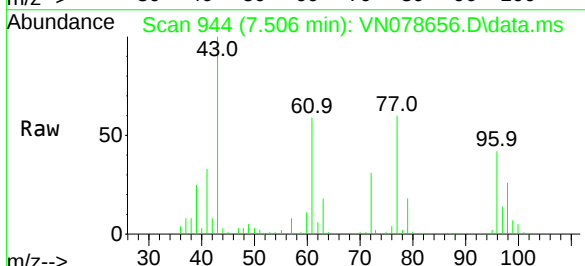
Acq: 27 Jul 2023 12:21

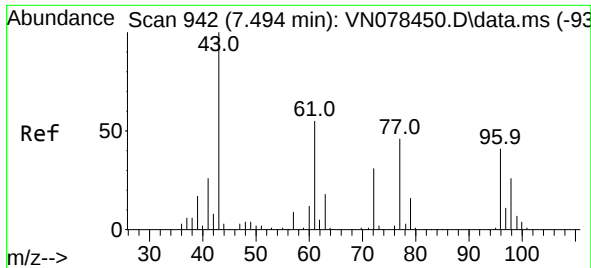
Tgt Ion: 77 Resp: 179792

Ion Ratio Lower Upper

77 100

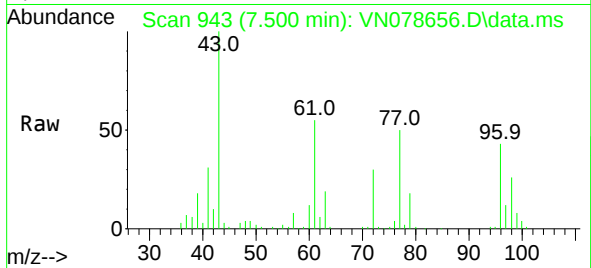
97 23.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.981 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN078656.D
 Acq: 27 Jul 2023 12:21

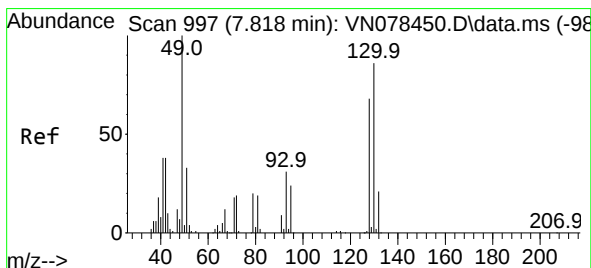
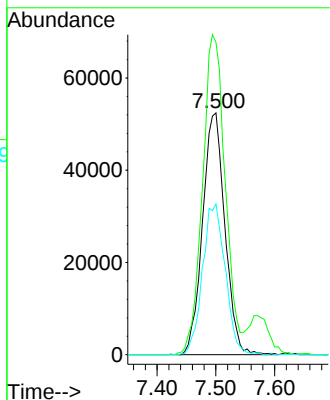
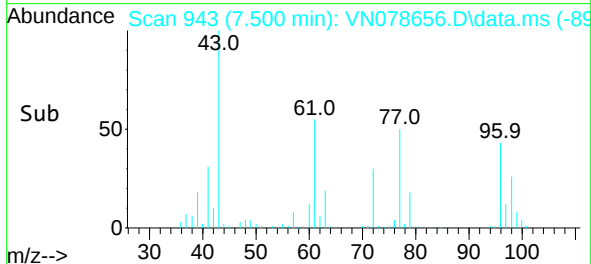
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727MBS01



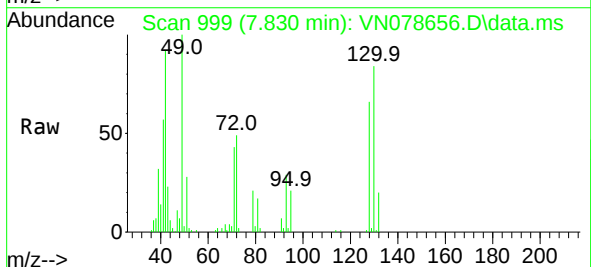
Tgt Ion: 96 Resp: 138730
 Ion Ratio Lower Upper
 96 100
 61 134.8 0.0 255.2
 98 63.5 0.0 128.8

Manual Integrations
 APPROVED

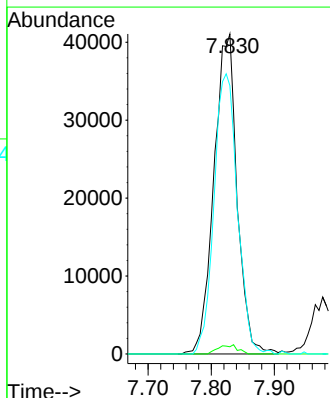
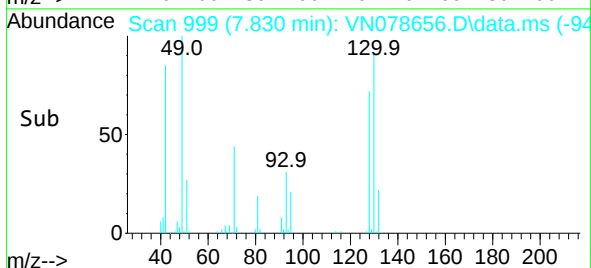
Reviewed By :John Carlone 07/27/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023

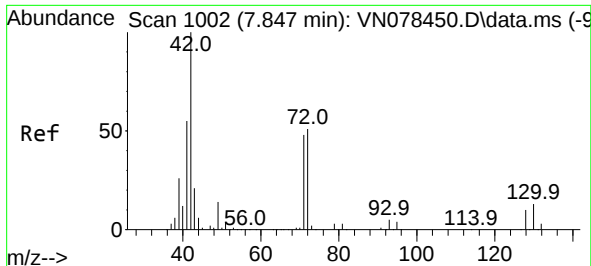


#28
 Bromochloromethane
 Concen: 20.267 ug/l
 RT: 7.830 min Scan# 999
 Delta R.T. 0.012 min
 Lab File: VN078656.D
 Acq: 27 Jul 2023 12:21



Tgt Ion: 49 Resp: 104818
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 88.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 98.899 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078656.D

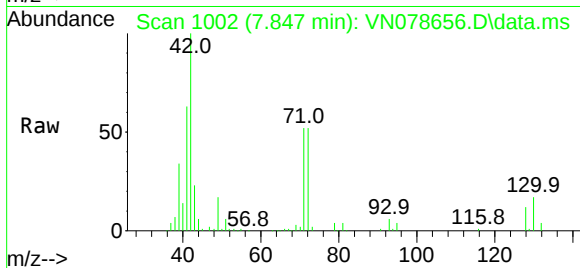
Acq: 27 Jul 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBS01



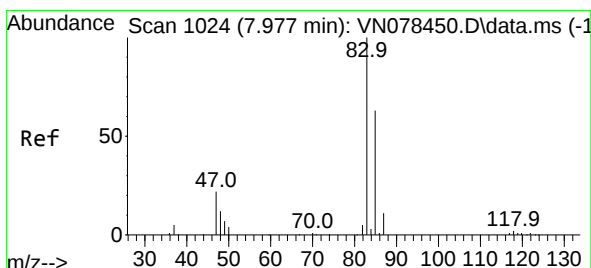
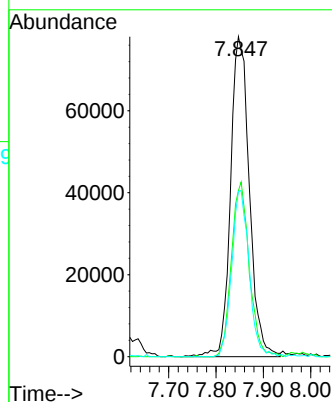
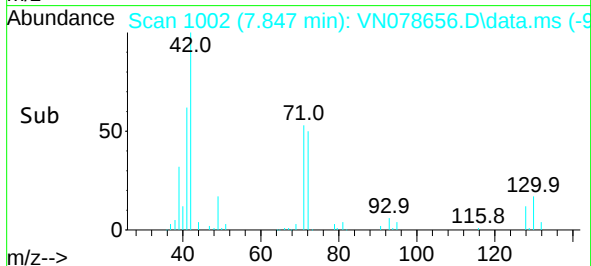
Tgt Ion:	42	Resp:	215318
Ion Ratio	Lower	Upper	
42	100		
72	51.9	49.8	74.6
71	48.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#30

Chloroform

Concen: 20.023 ug/l

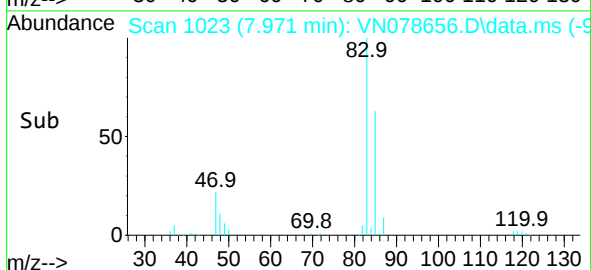
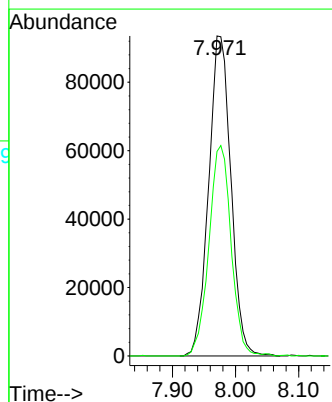
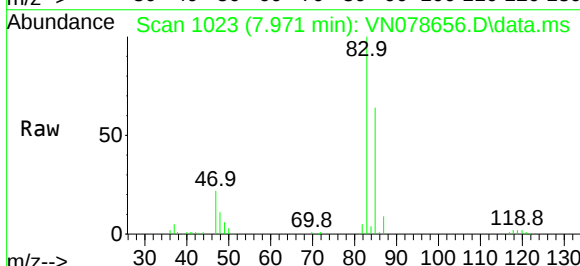
RT: 7.971 min Scan# 1023

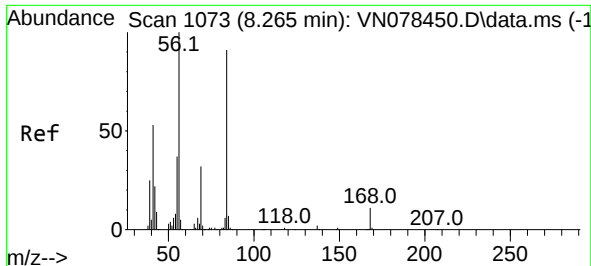
Delta R.T. -0.006 min

Lab File: VN078656.D

Acq: 27 Jul 2023 12:21

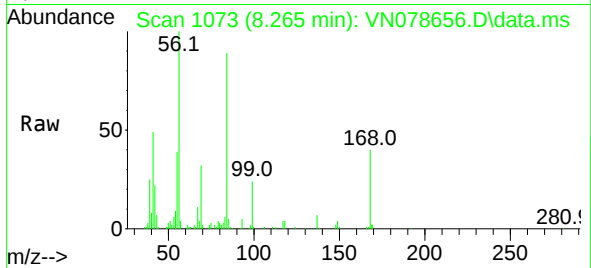
Tgt Ion:	83	Resp:	228906
Ion Ratio	Lower	Upper	
83	100		
85	63.9	55.4	83.0





#31
Cyclohexane
Concen: 18.907 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

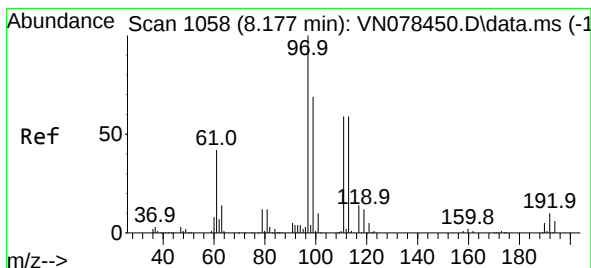
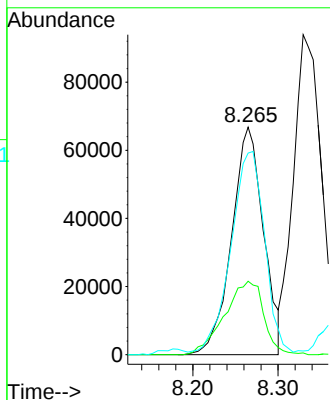
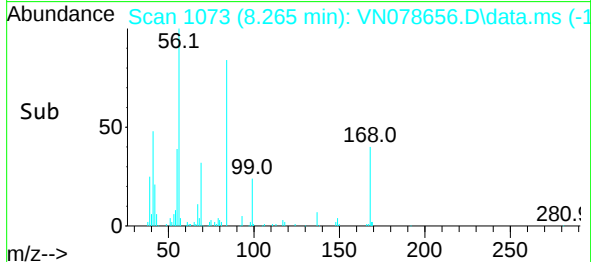
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



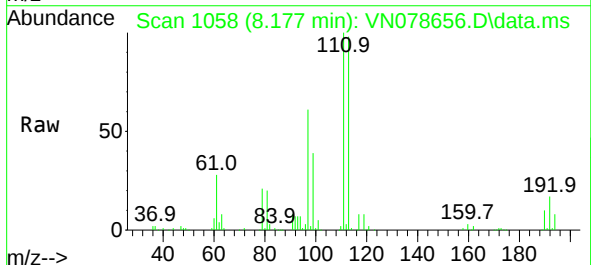
Tgt Ion: 56 Resp: 172899
Ion Ratio Lower Upper
56 100
69 32.3 26.8 40.2
84 86.2 81.8 122.6

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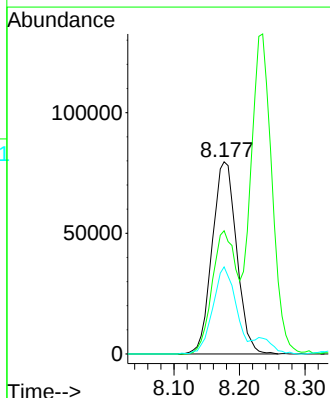
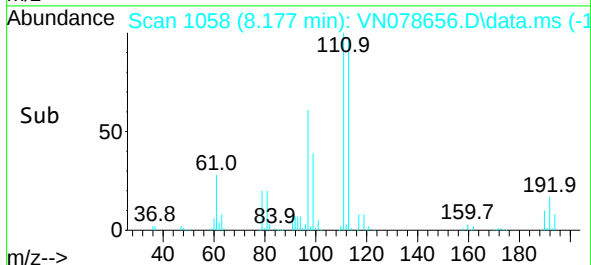
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

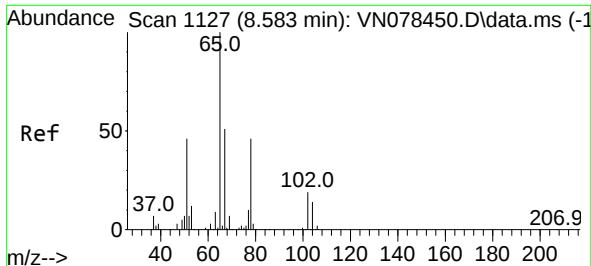


#32
1,1,1-Trichloroethane
Concen: 20.090 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21



Tgt Ion: 97 Resp: 205912
Ion Ratio Lower Upper
97 100
99 62.8 50.3 75.5
61 43.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.221 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN078656.D

Acq: 27 Jul 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBS01

Tgt Ion: 65 Resp: 339829

Ion Ratio Lower Upper

65 100

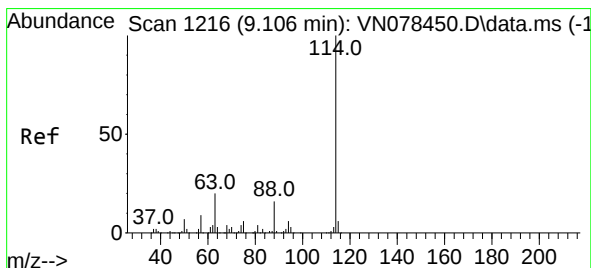
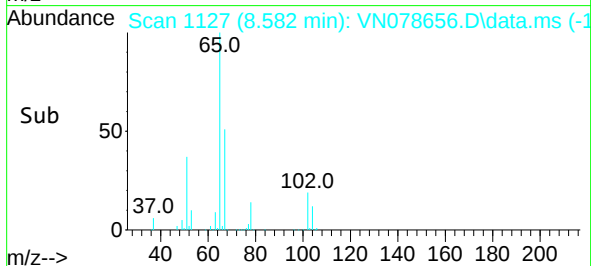
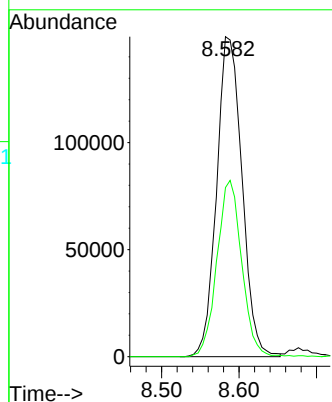
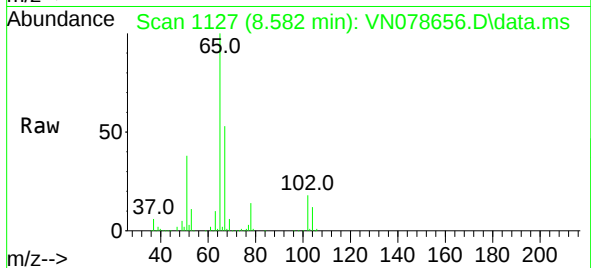
67 53.9 0.0 106.6

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: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078656.D

Acq: 27 Jul 2023 12:21

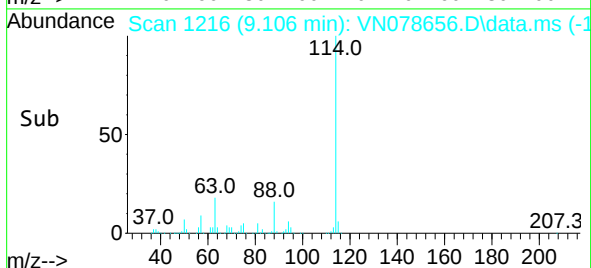
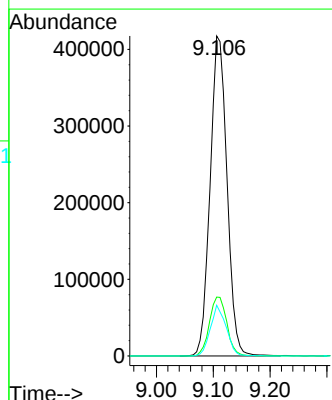
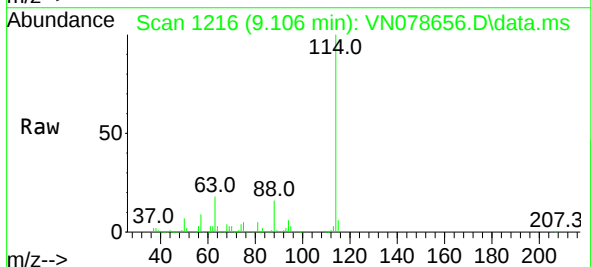
Tgt Ion:114 Resp: 859241

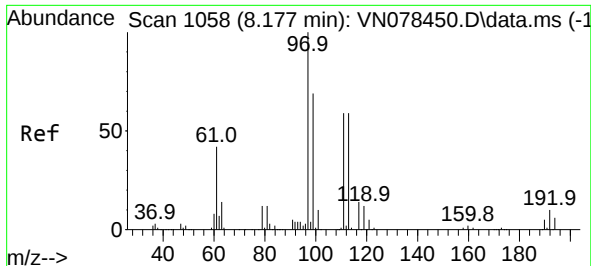
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

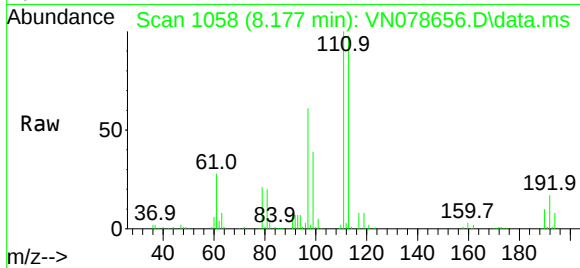
88 15.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.752 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

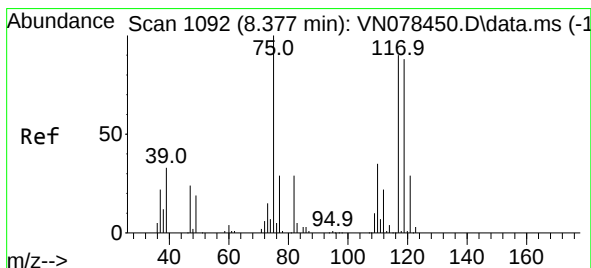
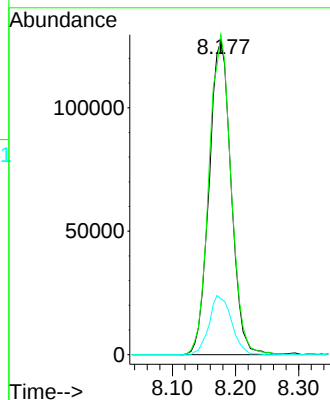
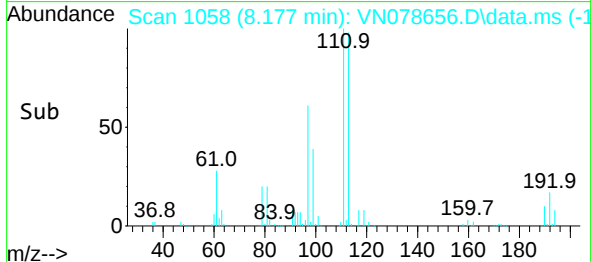
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



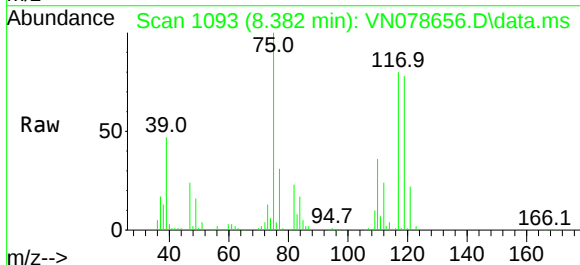
Tgt Ion:113 Resp: 307692
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 19.2 12.7 19.1

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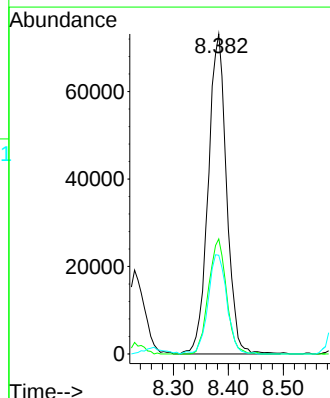
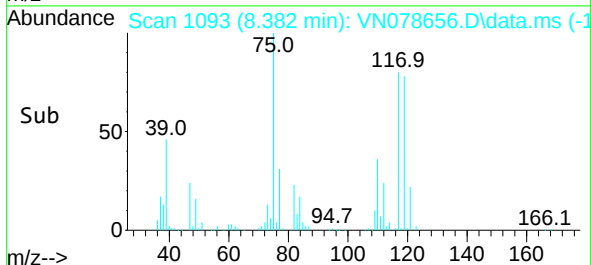
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

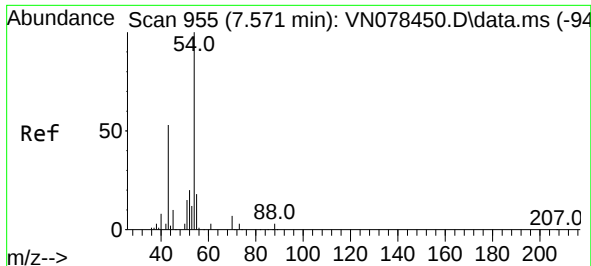


#36
1,1-Dichloropropene
Concen: 20.120 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.005 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21



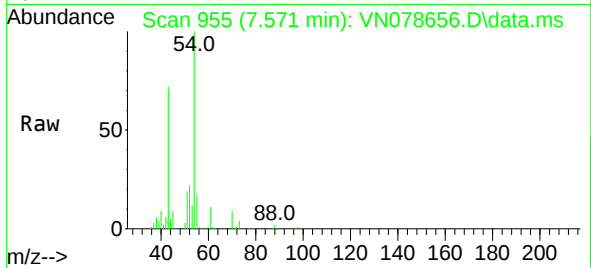
Tgt Ion: 75 Resp: 169453
Ion Ratio Lower Upper
75 100
110 35.1 19.1 57.3
77 31.8 25.0 37.4





#37
Ethyl Acetate
Concen: 19.683 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

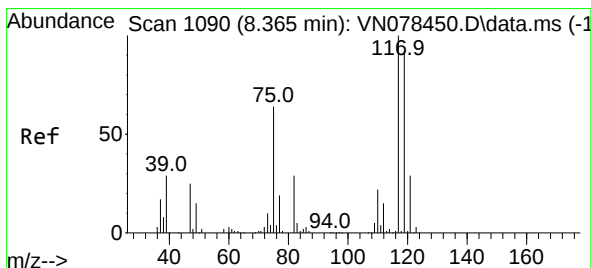
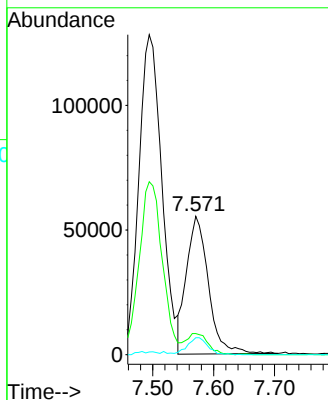
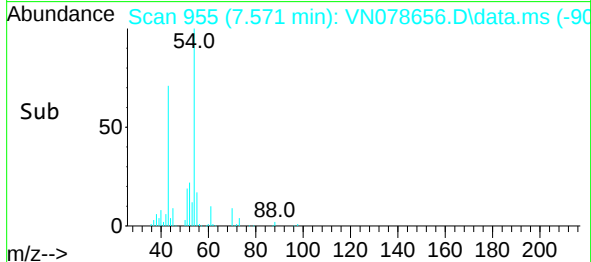
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



Tgt Ion: 43 Resp: 13818
Ion Ratio Lower Upper
43 100
61 15.0 13.2 19.8
70 11.4 11.3 16.9

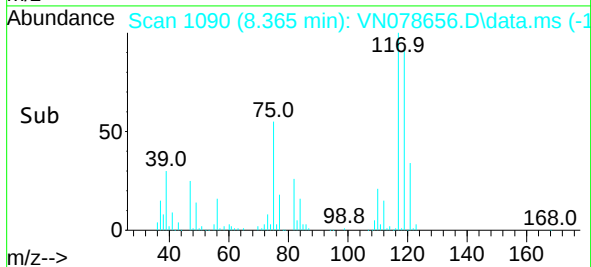
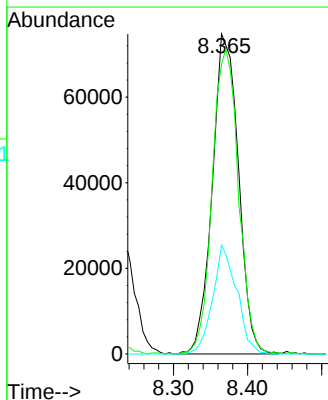
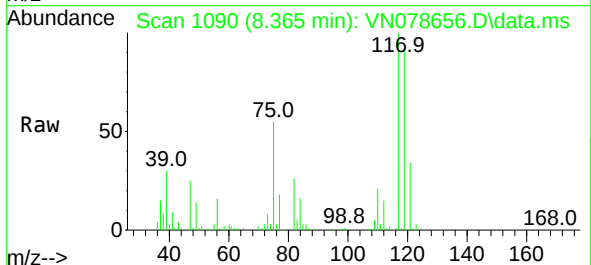
Manual Integrations
APPROVED

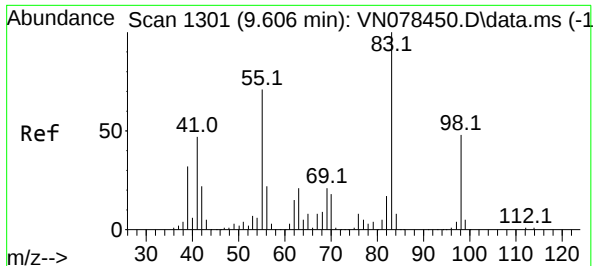
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#38
Carbon Tetrachloride
Concen: 20.016 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

Tgt Ion:117 Resp: 183215
Ion Ratio Lower Upper
117 100
119 90.6 77.3 115.9
121 34.0 23.3 34.9





#39

Methylcyclohexane

Concen: 20.134 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078656.D

Acq: 27 Jul 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBS01

Tgt Ion: 83 Resp: 154780

Ion Ratio Lower Upper

83 100

55 69.2 49.1 73.7

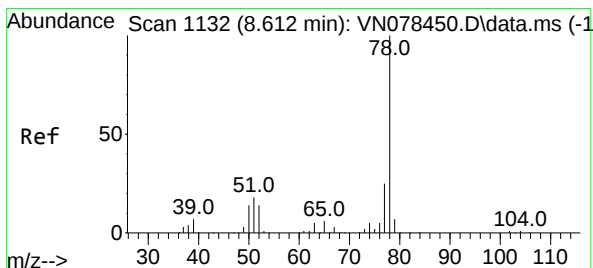
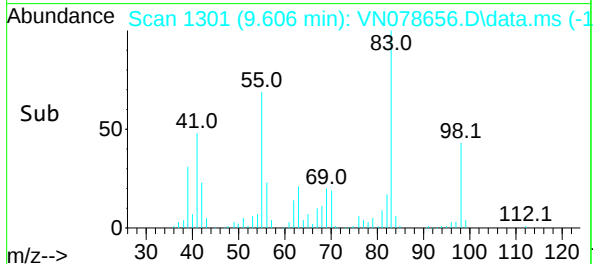
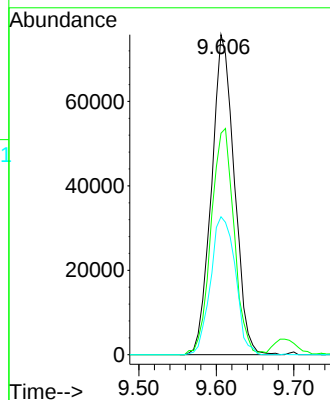
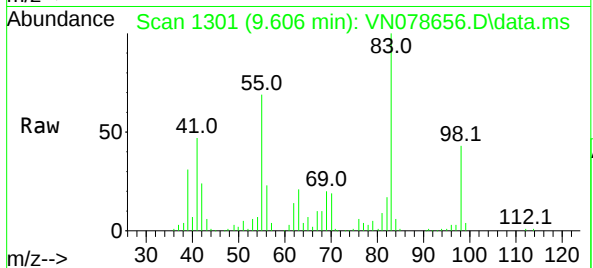
98 43.1 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#40

Benzene

Concen: 20.324 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078656.D

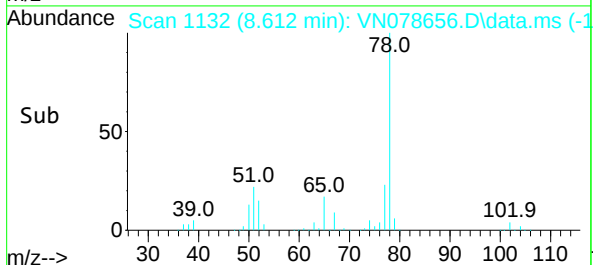
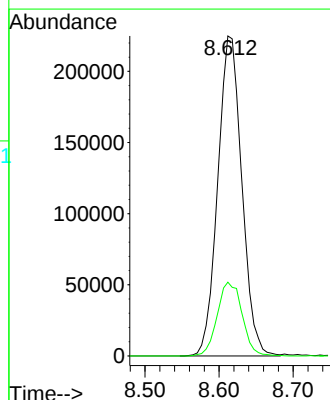
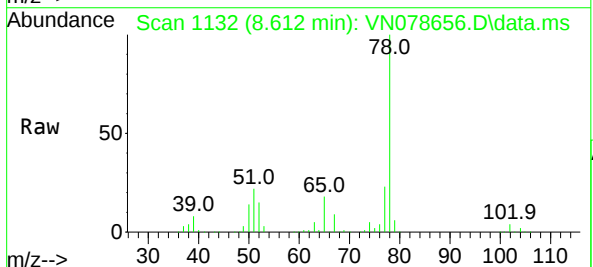
Acq: 27 Jul 2023 12:21

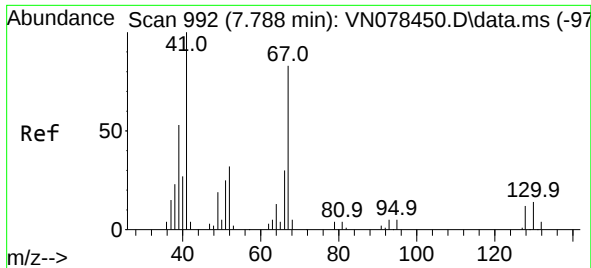
Tgt Ion: 78 Resp: 507100

Ion Ratio Lower Upper

78 100

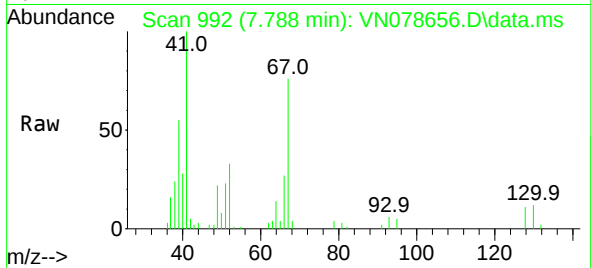
77 23.0 19.0 28.6





#41
Methacrylonitrile
Concen: 19.283 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

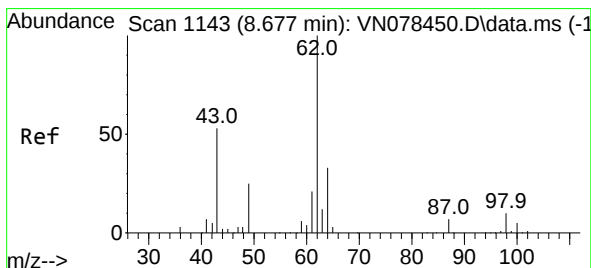
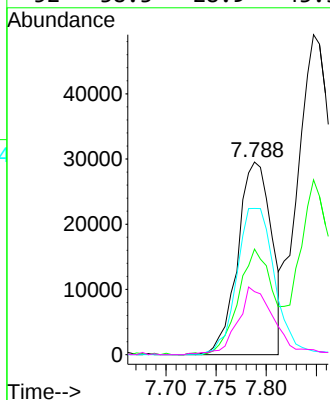
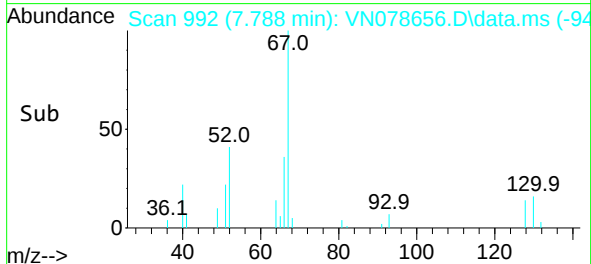
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



Tgt Ion: 41	Resp: 6901
Ion Ratio	Lower Upper
41	100
39	53.9 42.6 64.0
67	85.5 77.5 116.3
52	38.3 28.9 43.3

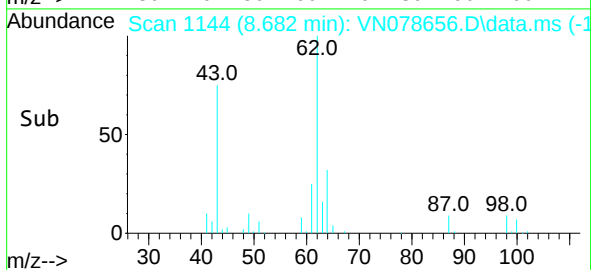
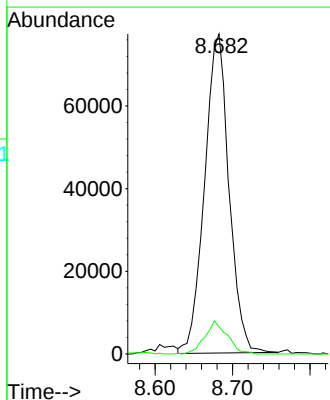
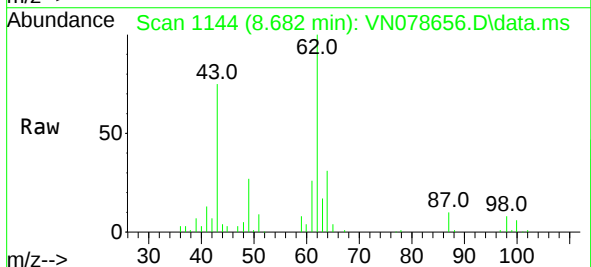
Manual Integrations
APPROVED

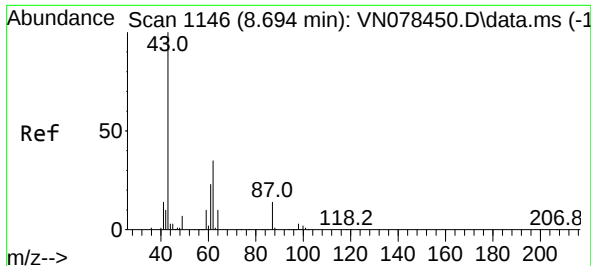
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#42
1,2-Dichloroethane
Concen: 19.897 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

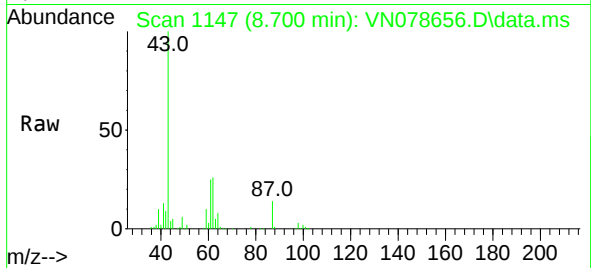
Tgt Ion: 62	Resp: 168859
Ion Ratio	Lower Upper
62	100
98	9.5 0.0 19.8





#43
Isopropyl Acetate
Concen: 22.022 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

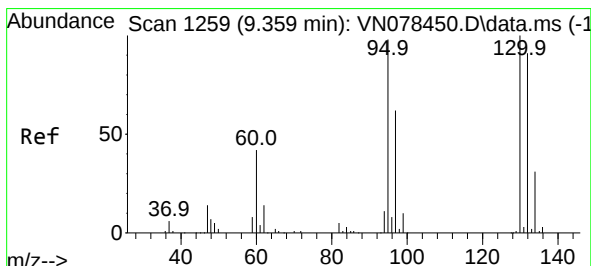
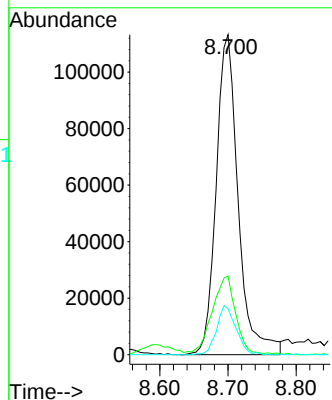
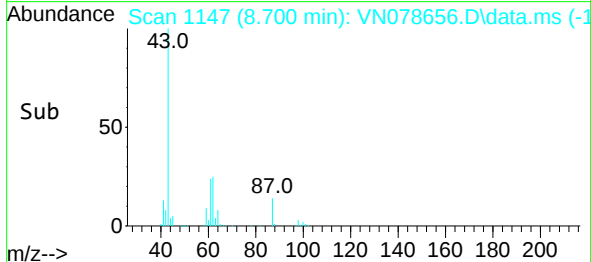
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



Tgt Ion: 43 Resp: 254544
Ion Ratio Lower Upper
43 100
61 25.4 24.7 37.1
87 13.5 14.6 21.8

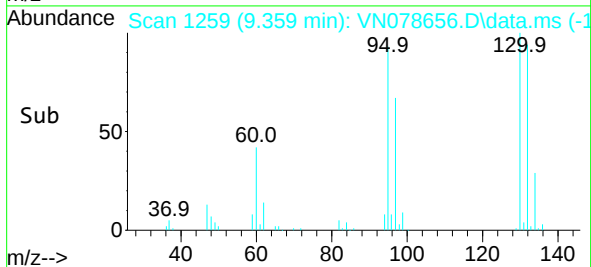
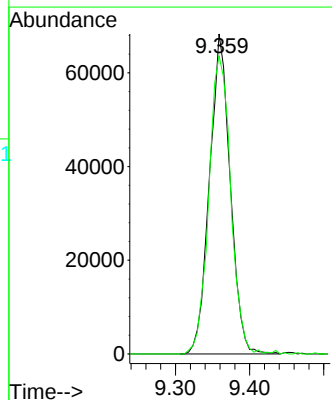
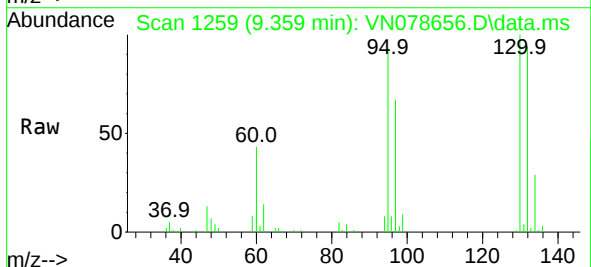
Manual Integrations
APPROVED

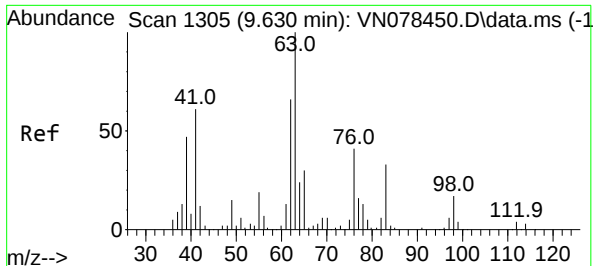
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#44
Trichloroethene
Concen: 19.679 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

Tgt Ion:130 Resp: 132334
Ion Ratio Lower Upper
130 100
95 93.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.369 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078656.D

Acq: 27 Jul 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBS01

Tgt Ion: 63 Resp: 128718

Ion Ratio Lower Upper

63 100

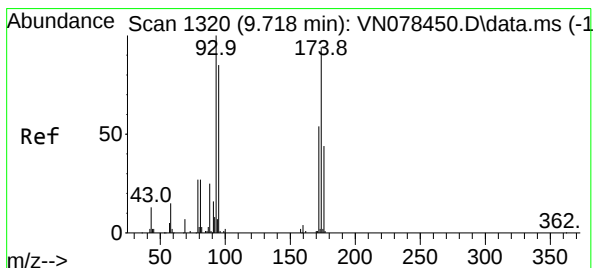
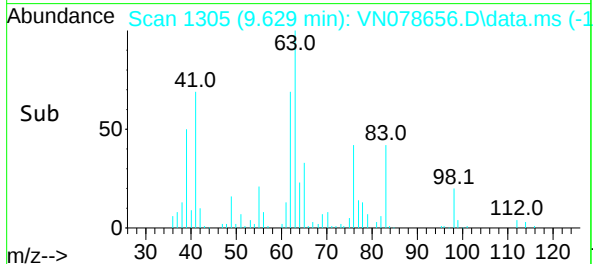
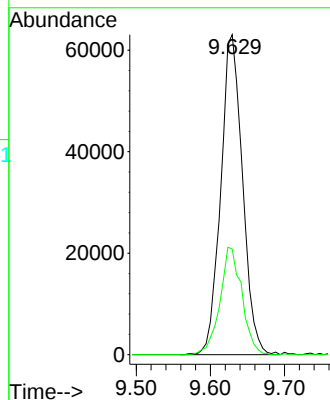
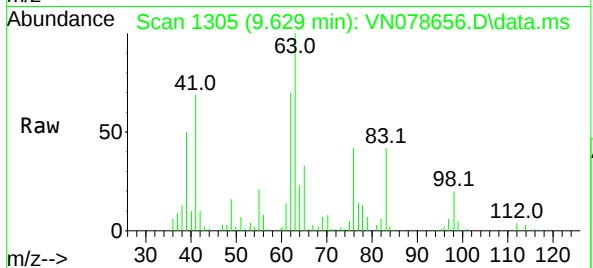
65 33.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#46

Dibromomethane

Concen: 20.654 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078656.D

Acq: 27 Jul 2023 12:21

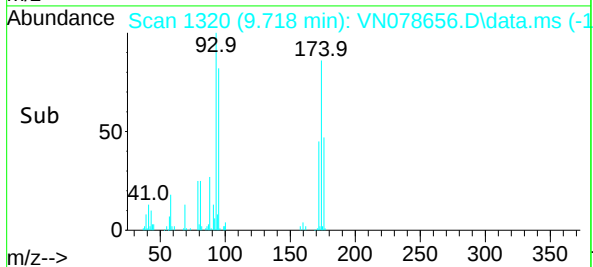
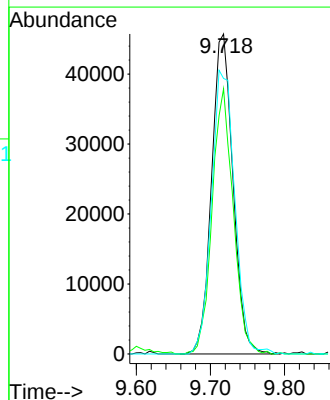
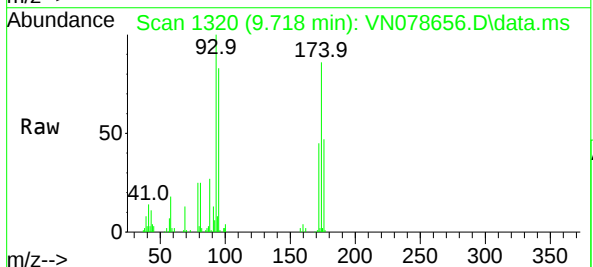
Tgt Ion: 93 Resp: 91863

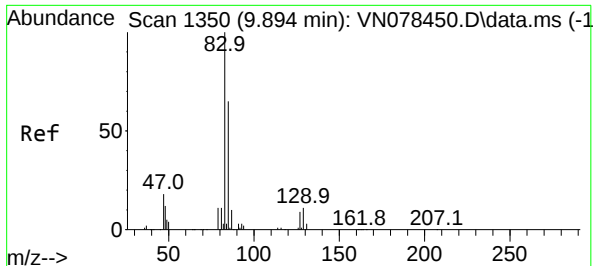
Ion Ratio Lower Upper

93 100

95 81.6 63.8 95.8

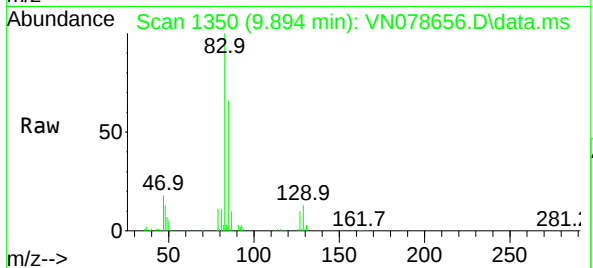
174 96.5 65.6 98.4





#47
Bromodichloromethane
Concen: 20.408 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

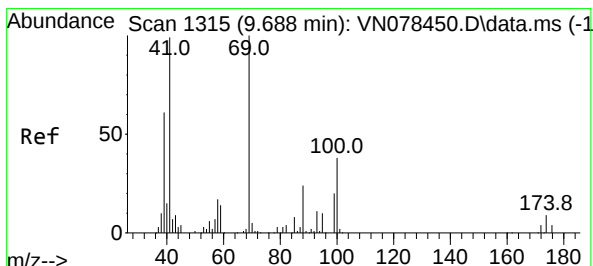
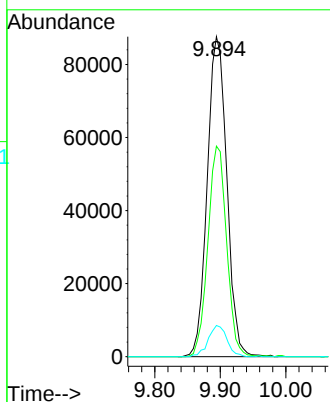
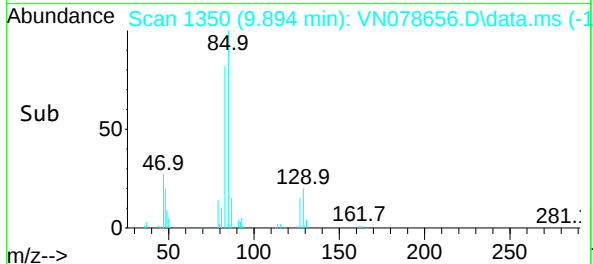
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



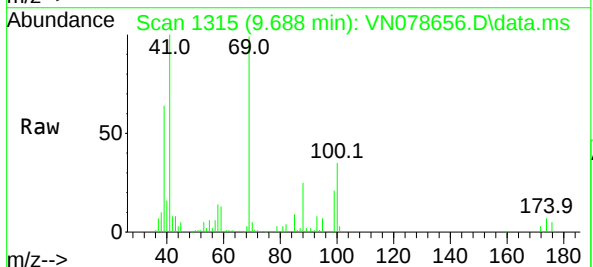
Tgt Ion: 83 Resp: 18195
Ion Ratio Lower Upper
83 100
85 65.8 49.6 74.4
127 9.8 7.0 10.6

Manual Integrations
APPROVED

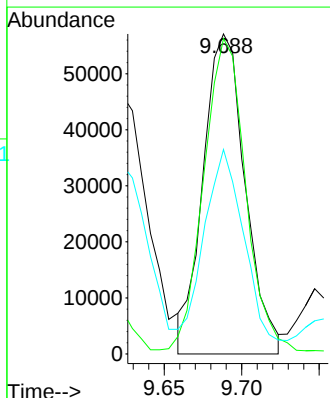
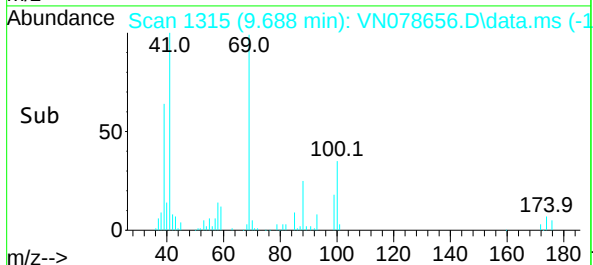
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

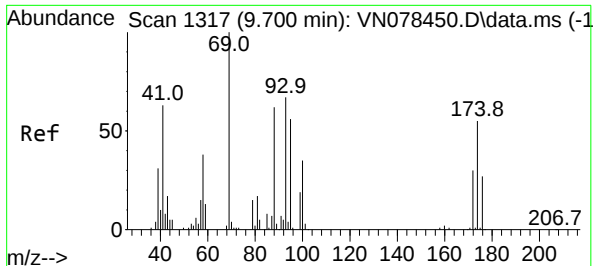


#48
Methyl methacrylate
Concen: 20.116 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21



Tgt Ion: 41 Resp: 107722
Ion Ratio Lower Upper
41 100
69 98.5 90.4 135.6
39 62.5 54.6 81.8





#49

1,4-Dioxane

Concen: 418.089 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078656.D

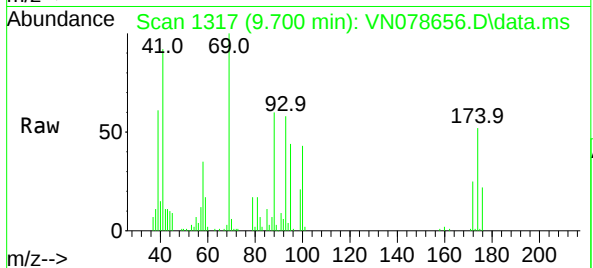
Acq: 27 Jul 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBS01

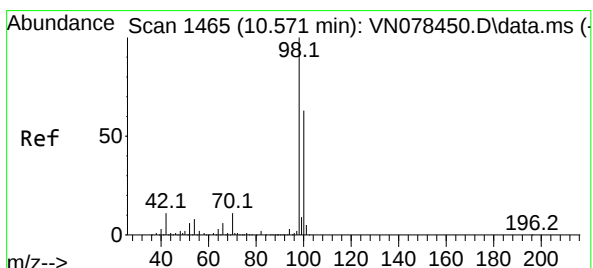
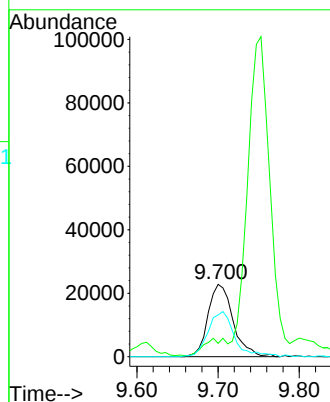
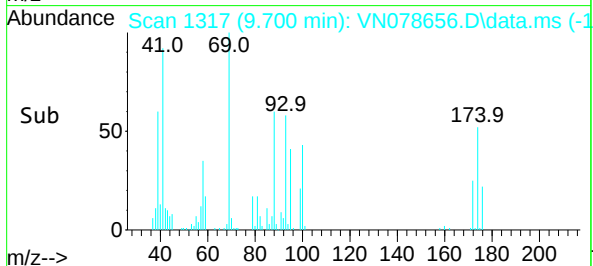


Tgt Ion: 88	Resp: 48820
Ion Ratio	Lower Upper
88	100
43	14.0 17.0 25.6
58	65.6 47.0 70.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/27/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#50

Toluene-d8

Concen: 49.310 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN078656.D

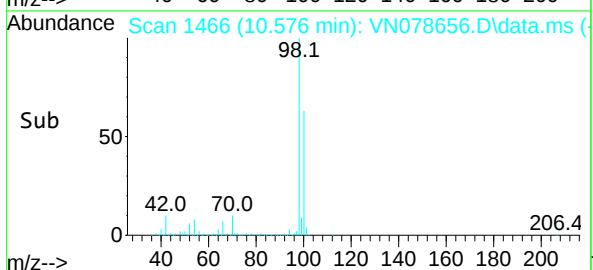
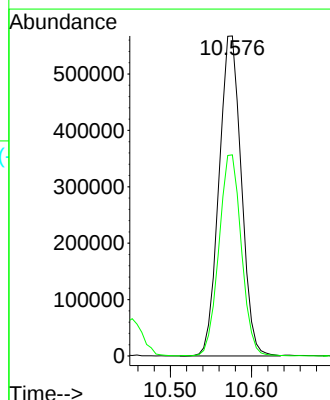
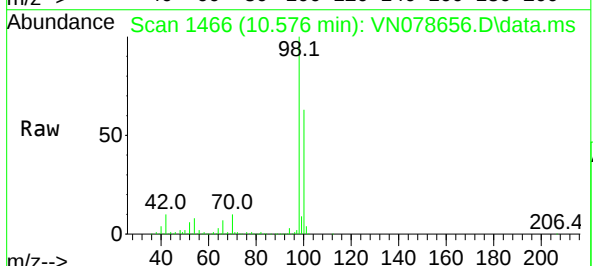
Acq: 27 Jul 2023 12:21

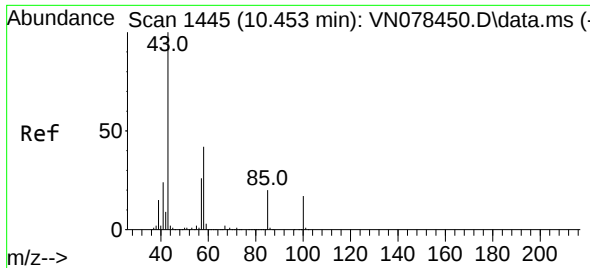
Tgt Ion: 98 Resp: 1086526

Ion Ratio Lower Upper

98 100

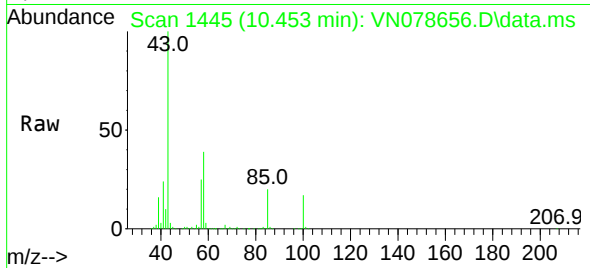
100 62.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 103.305 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

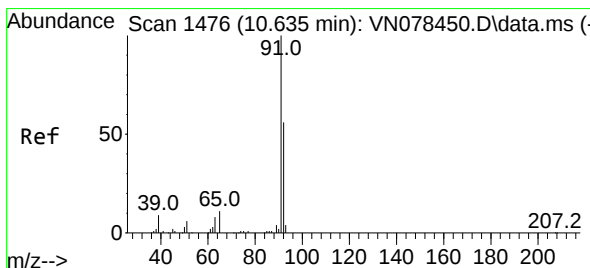
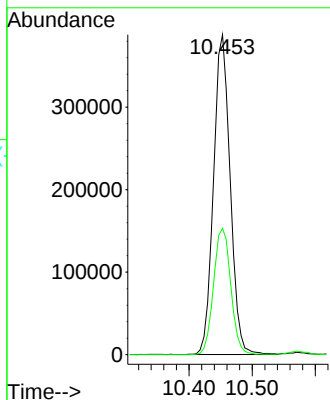
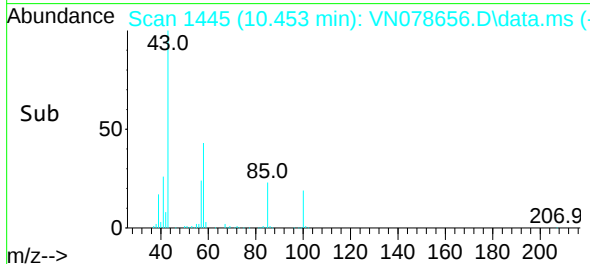
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



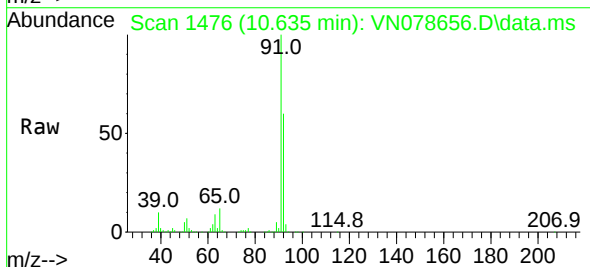
Tgt Ion: 43 Resp: 710252
Ion Ratio Lower Upper
43 100
58 41.0 36.6 54.8

Manual Integrations
APPROVED

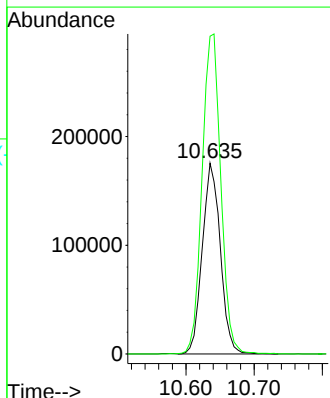
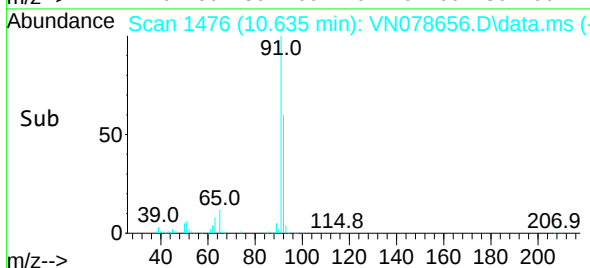
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

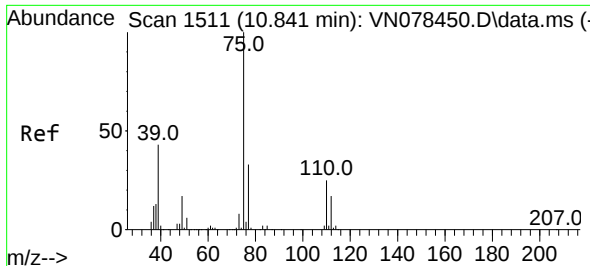


#52
Toluene
Concen: 20.898 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21



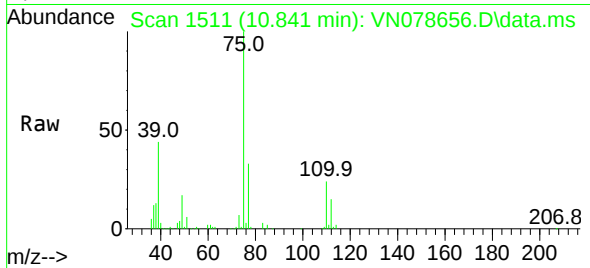
Tgt Ion: 92 Resp: 323172
Ion Ratio Lower Upper
92 100
91 174.1 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 20.429 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

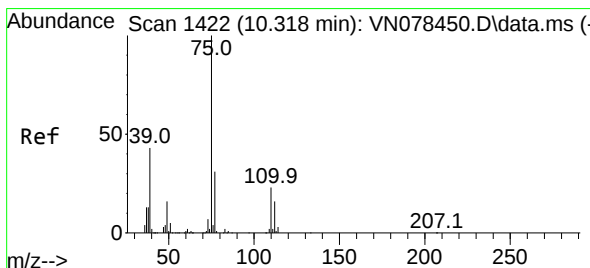
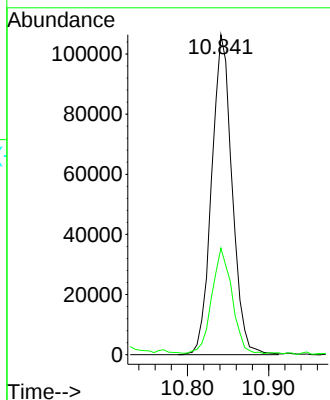
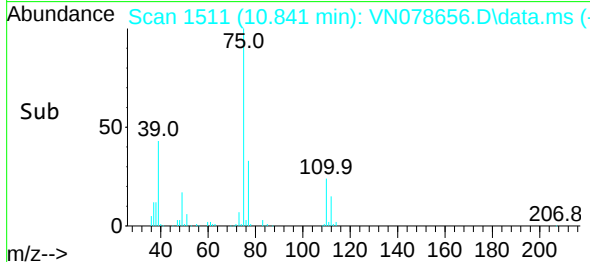
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



Tgt Ion: 75 Resp: 186599
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0

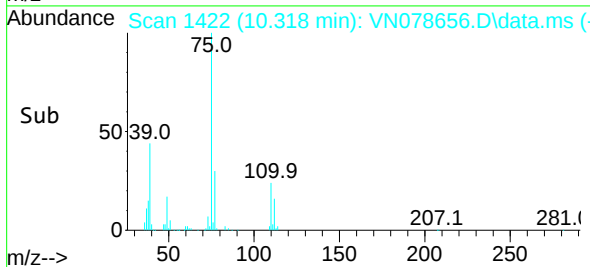
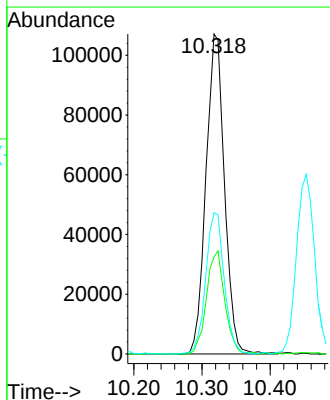
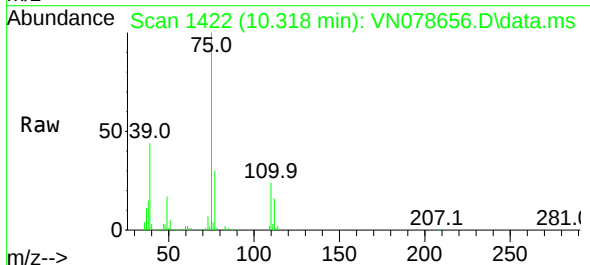
Manual Integrations
APPROVED

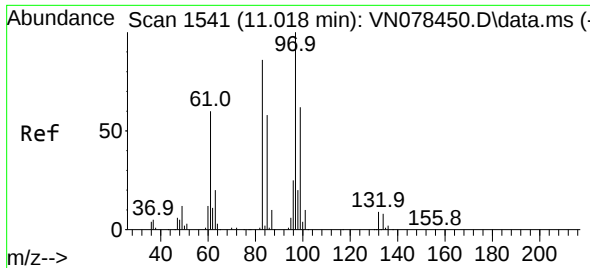
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#54
cis-1,3-Dichloropropene
Concen: 20.804 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

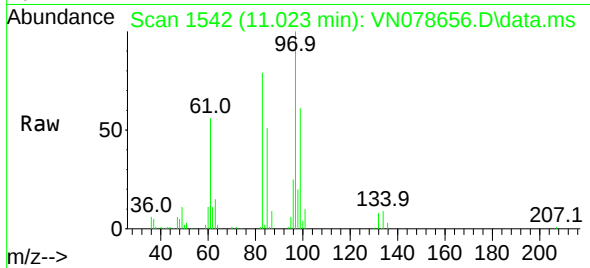
Tgt Ion: 75 Resp: 202559
Ion Ratio Lower Upper
75 100
77 30.4 26.1 39.1
39 44.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 21.335 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.005 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

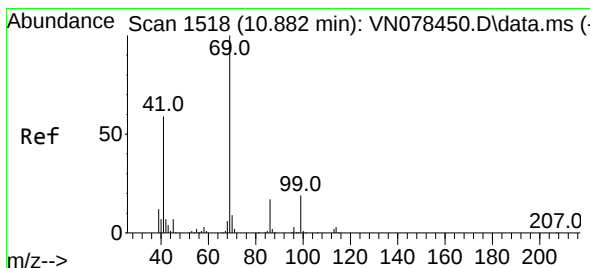
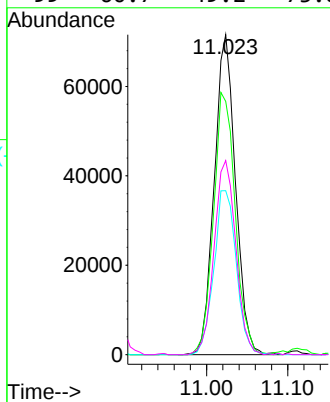
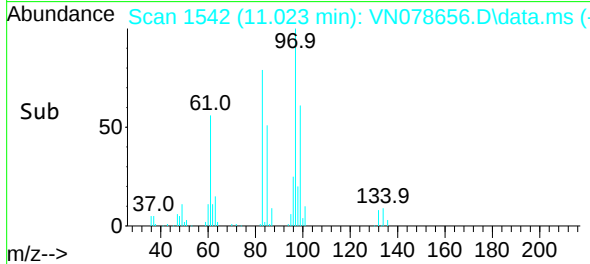
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



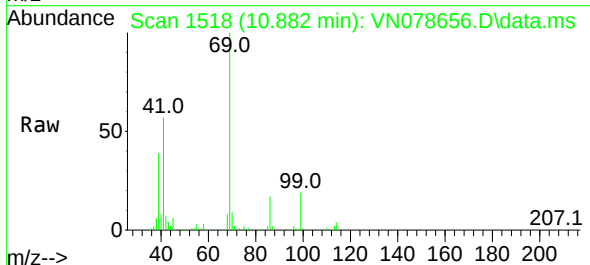
Tgt Ion: 97 Resp: 129990
Ion Ratio Lower Upper
97 100
83 79.2 65.1 97.7
85 51.3 43.4 65.2
99 60.7 49.2 73.8

Manual Integrations
APPROVED

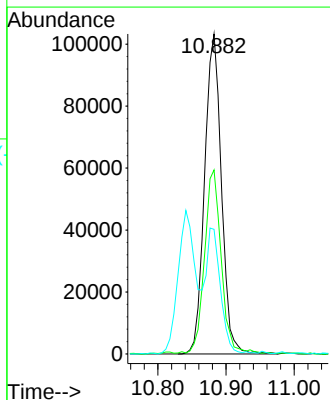
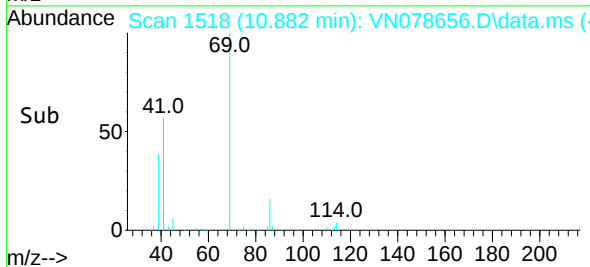
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

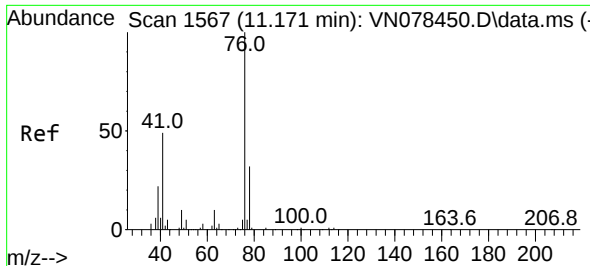


#56
Ethyl methacrylate
Concen: 20.817 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21



Tgt Ion: 69 Resp: 177297
Ion Ratio Lower Upper
69 100
41 56.9 39.6 59.4
39 32.8 28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.951 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VN078656.D

Acq: 27 Jul 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBS01

Tgt Ion: 76 Resp: 206680

Ion Ratio Lower Upper

76 100

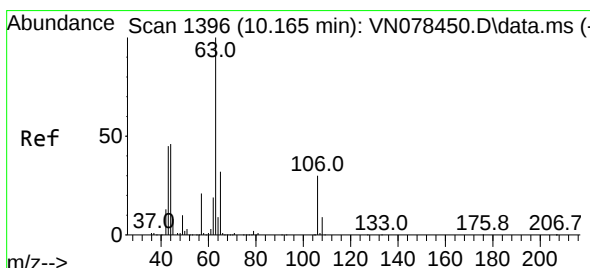
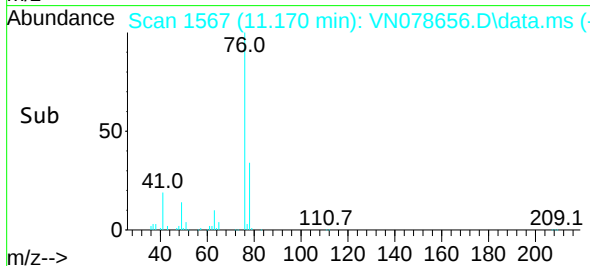
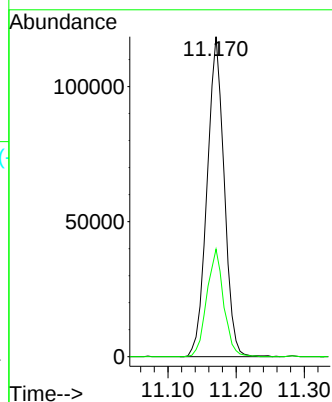
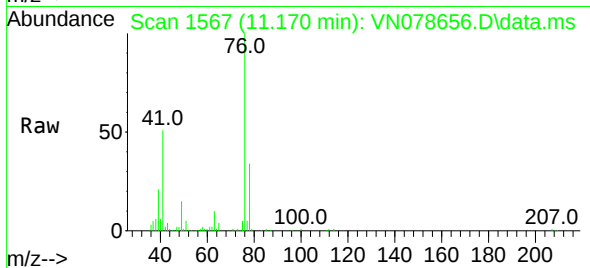
78 33.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 81.546 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078656.D

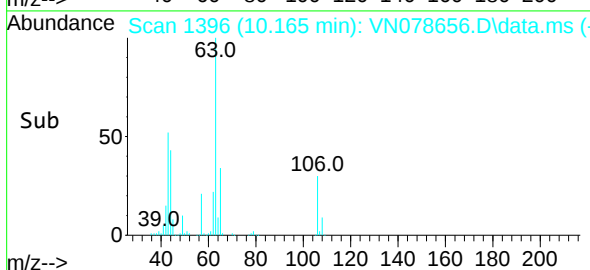
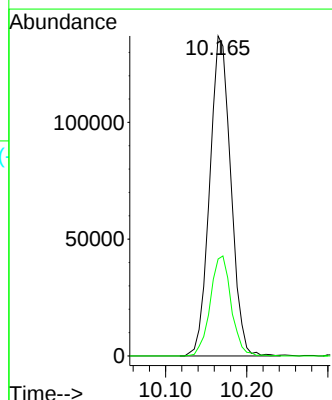
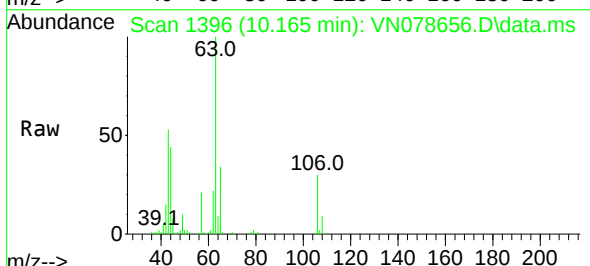
Acq: 27 Jul 2023 12:21

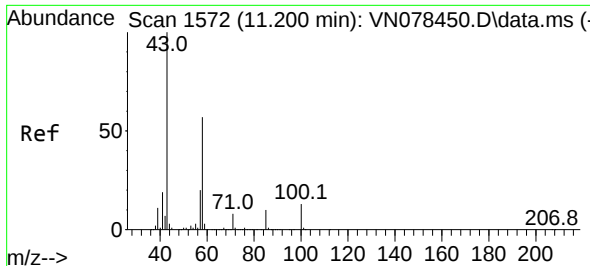
Tgt Ion: 63 Resp: 247510

Ion Ratio Lower Upper

63 100

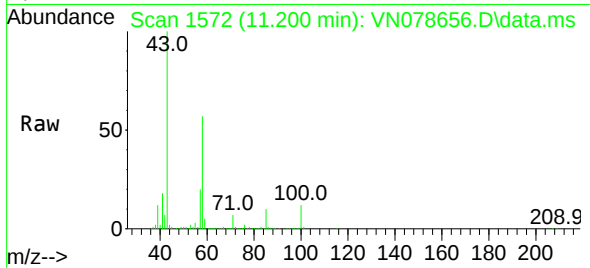
106 31.1 26.2 39.4





#59
2-Hexanone
Concen: 102.429 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

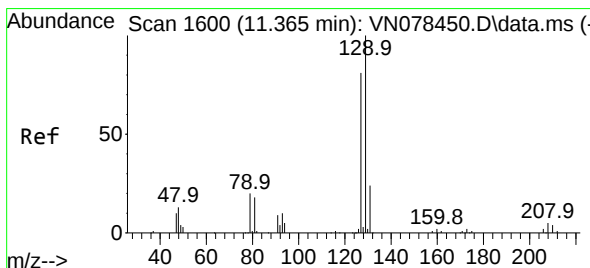
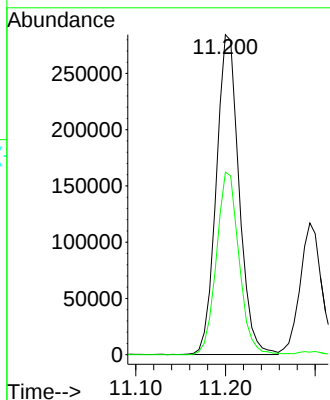
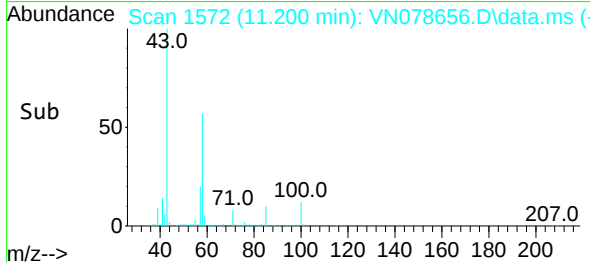
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



Tgt Ion: 43 Resp: 500504
Ion Ratio Lower Upper
43 100
58 56.6 31.7 95.1

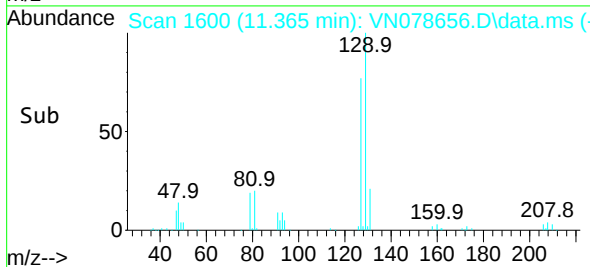
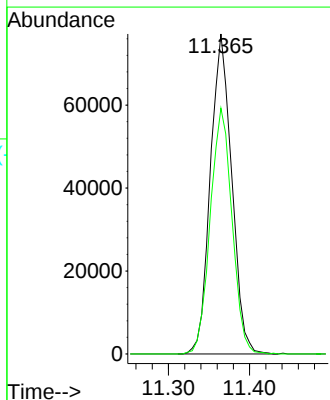
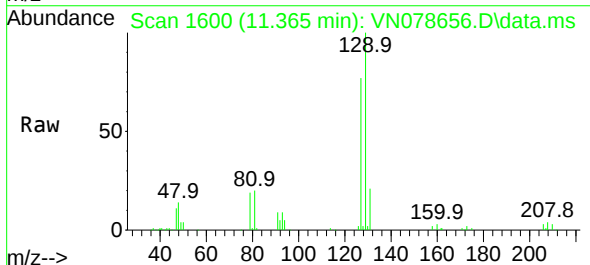
Manual Integrations
APPROVED

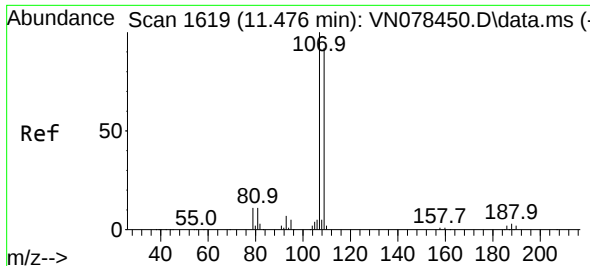
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#60
Dibromochloromethane
Concen: 20.937 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

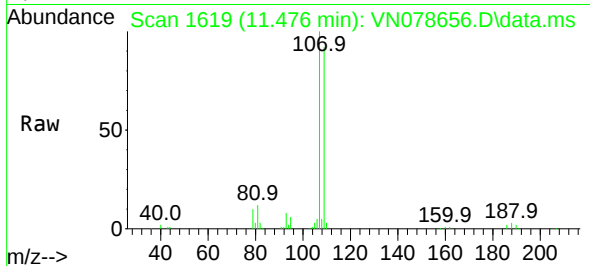
Tgt Ion:129 Resp: 140830
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.277 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

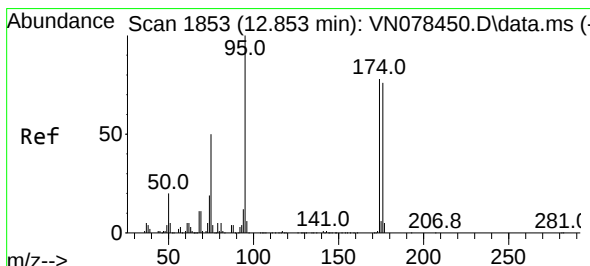
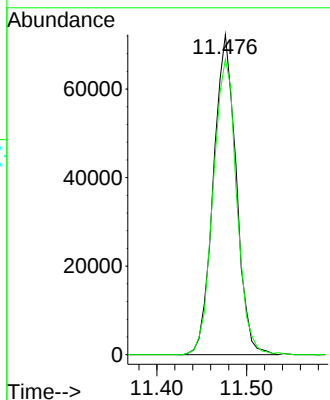
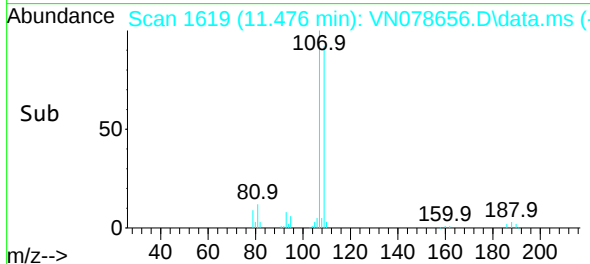
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



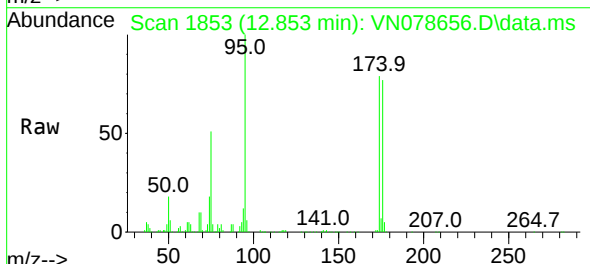
Tgt Ion:107 Resp: 127264
Ion Ratio Lower Upper
107 100
109 96.1 76.6 114.8

Manual Integrations
APPROVED

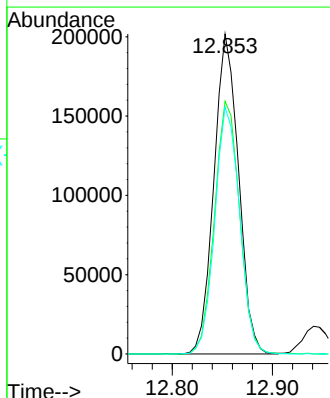
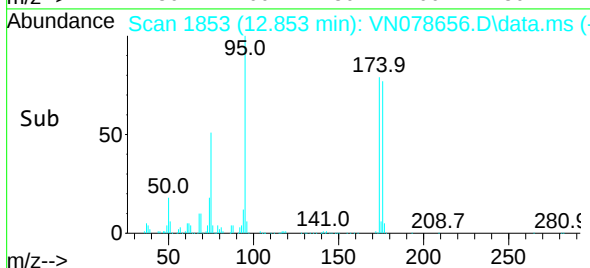
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

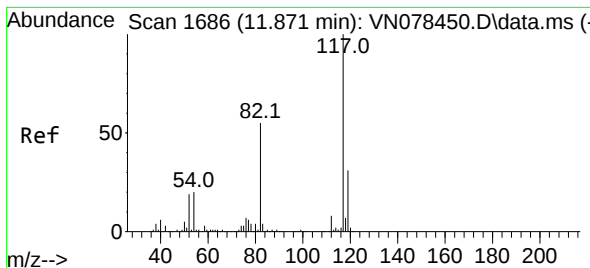


#62
4-Bromofluorobenzene
Concen: 50.692 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21



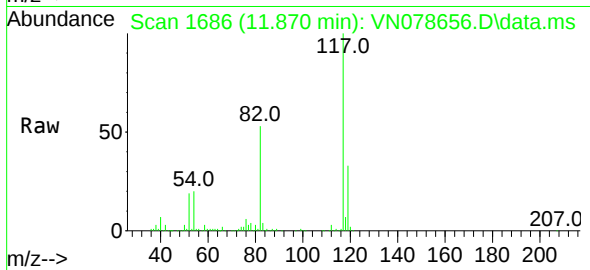
Tgt Ion: 95 Resp: 344053
Ion Ratio Lower Upper
95 100
174 80.6 0.0 143.8
176 77.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

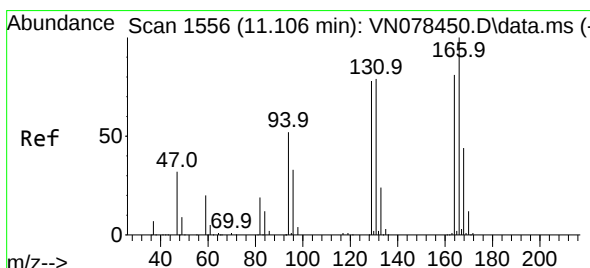
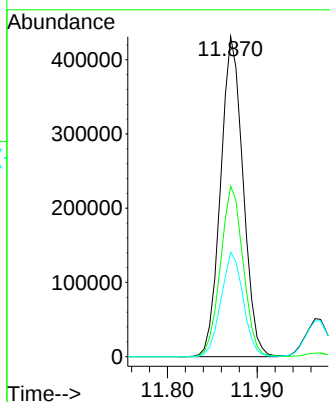
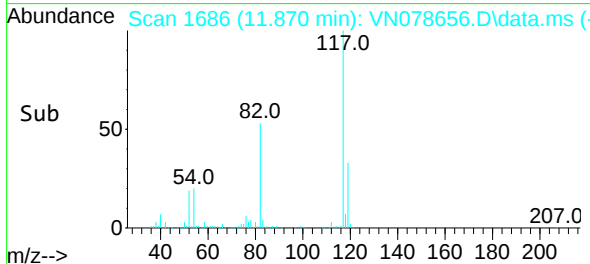
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



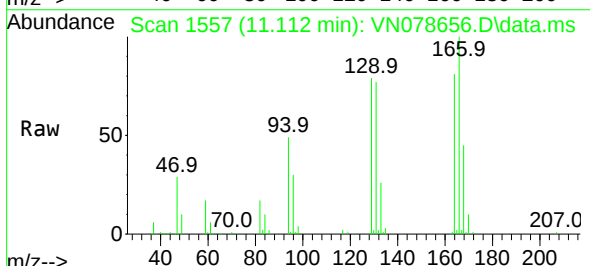
Tgt Ion:117 Resp: 748333
Ion Ratio Lower Upper
117 100
82 53.2 44.0 66.0
119 32.7 25.6 38.4

Manual Integrations
APPROVED

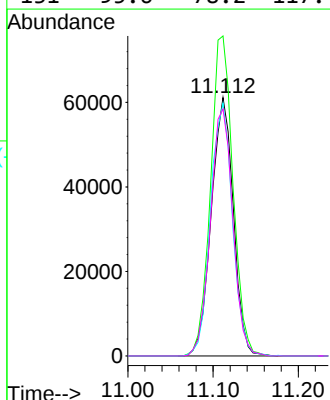
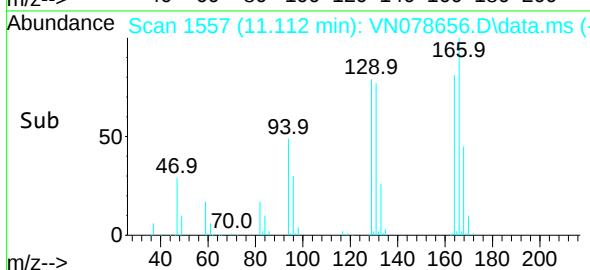
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

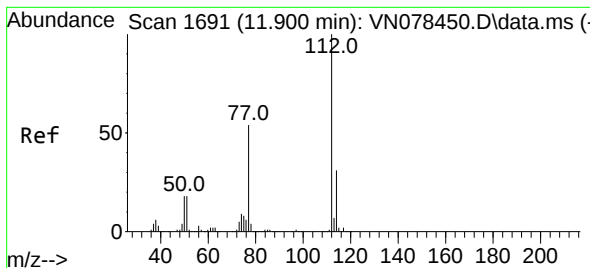


#64
Tetrachloroethene
Concen: 19.499 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21



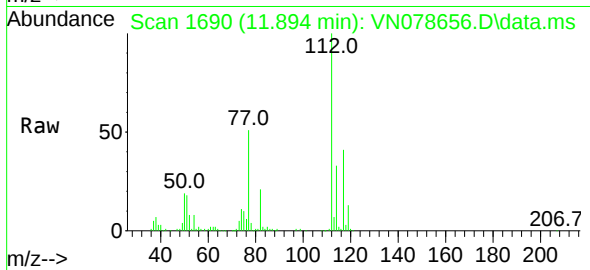
Tgt Ion:164 Resp: 109703
Ion Ratio Lower Upper
164 100
166 123.8 101.4 152.0
129 97.7 82.4 123.6
131 95.6 78.2 117.4





#65
Chlorobenzene
Concen: 19.873 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. -0.006 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

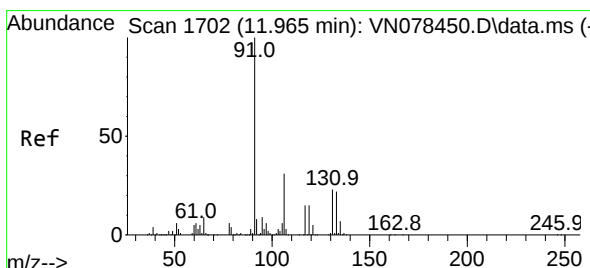
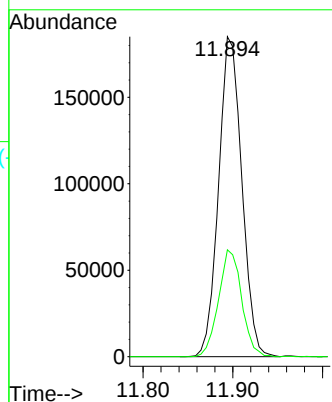
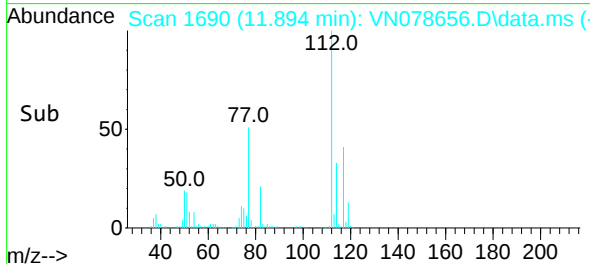
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



Tgt Ion:112 Resp: 33242
Ion Ratio Lower Upper
112 100
114 33.4 25.0 37.4

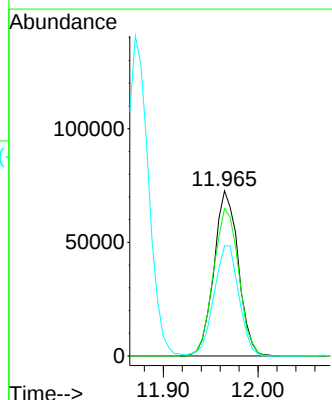
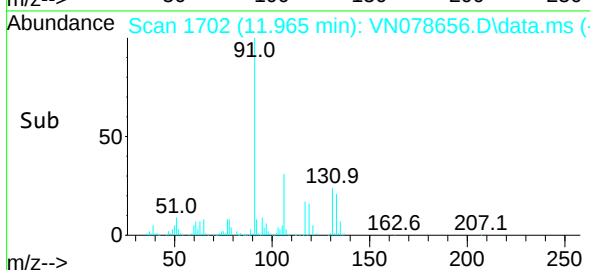
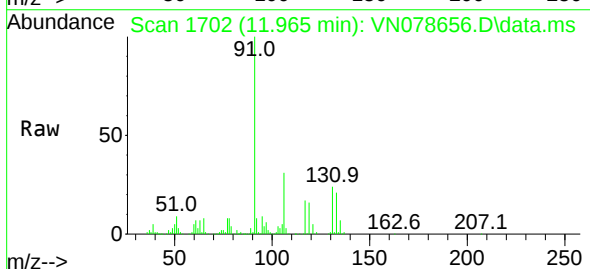
Manual Integrations
APPROVED

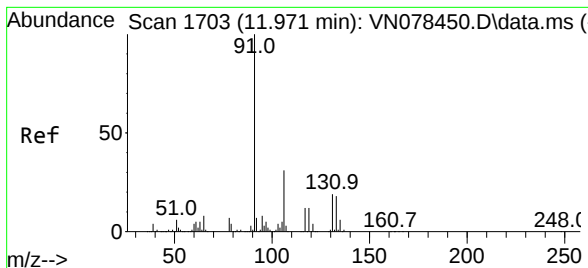
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.169 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

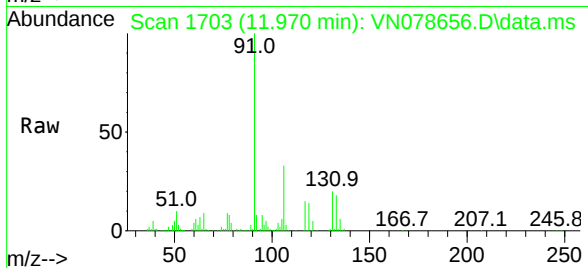
Tgt Ion:131 Resp: 129788
Ion Ratio Lower Upper
131 100
133 92.9 46.4 139.1
119 68.2 34.1 102.2





#67
Ethyl Benzene
Concen: 20.227 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

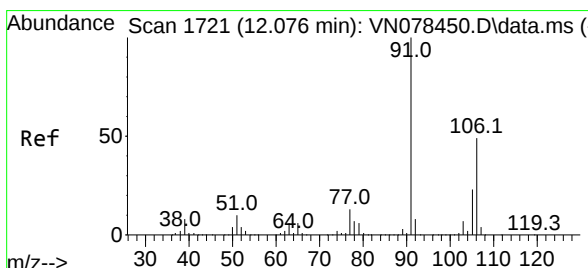
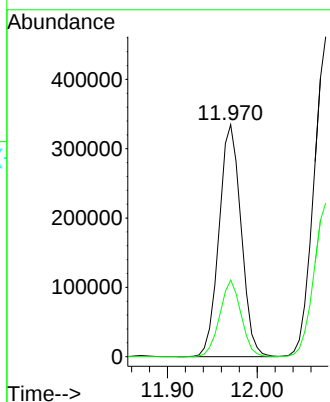
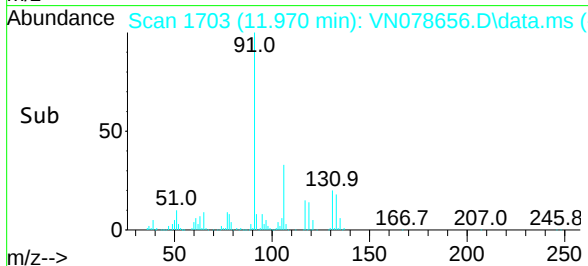
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



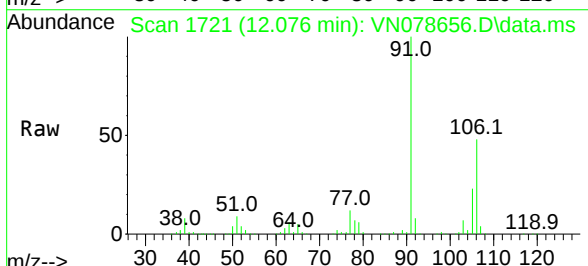
Tgt Ion: 91 Resp: 571889
Ion Ratio Lower Upper
91 100
106 33.0 25.6 38.4

Manual Integrations
APPROVED

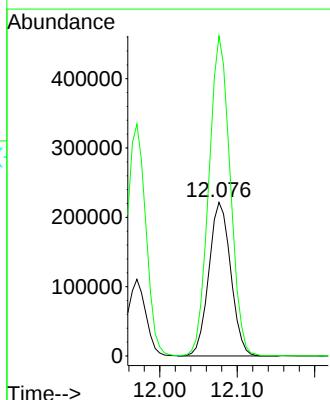
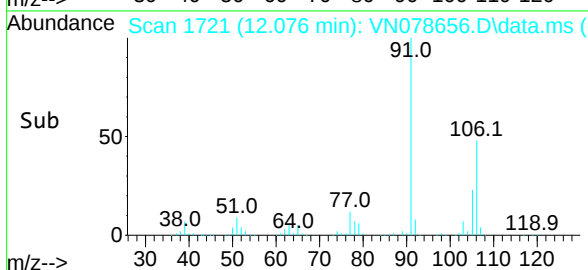
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

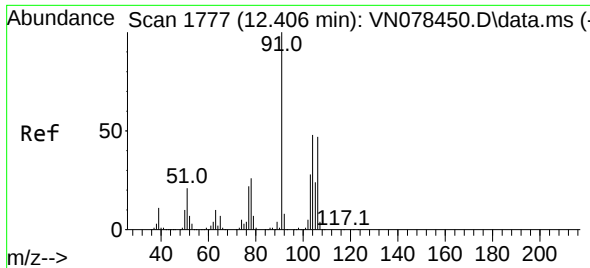


#68
m/p-Xylenes
Concen: 41.647 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21



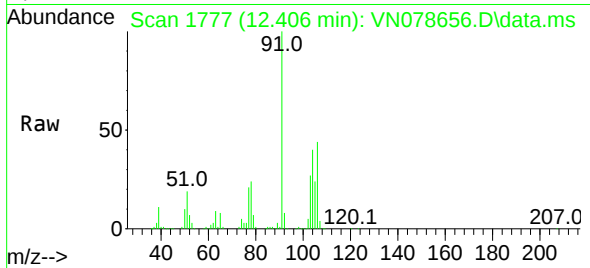
Tgt Ion:106 Resp: 435366
Ion Ratio Lower Upper
106 100
91 203.8 159.6 239.4





#69
o-Xylene
Concen: 19.943 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

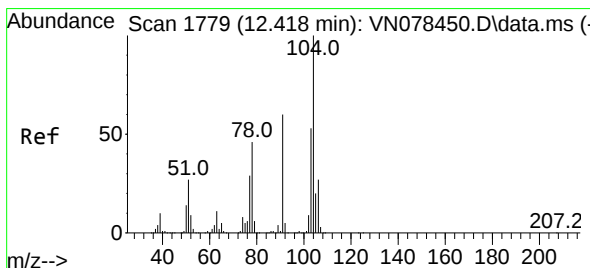
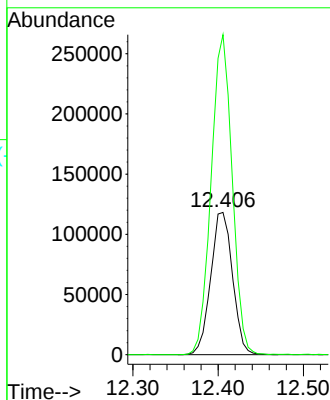
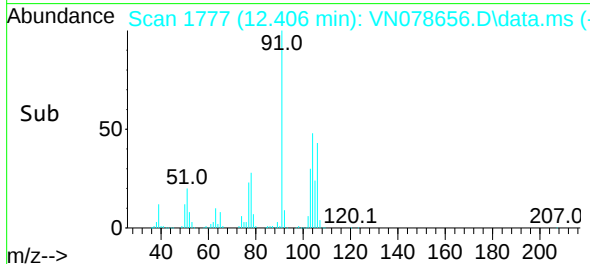
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



Tgt Ion:106 Resp: 210579
Ion Ratio Lower Upper
106 100
91 216.4 105.2 315.5

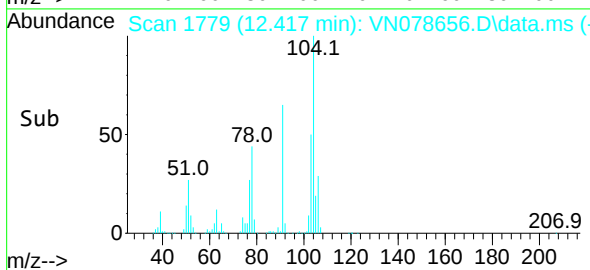
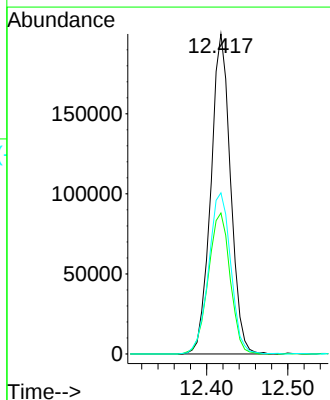
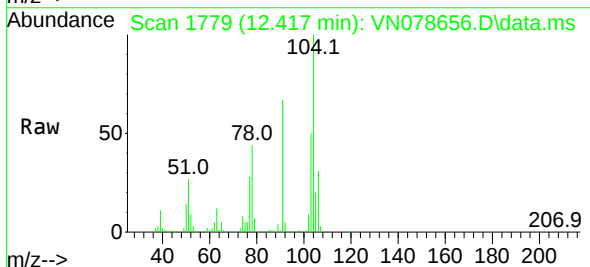
Manual Integrations
APPROVED

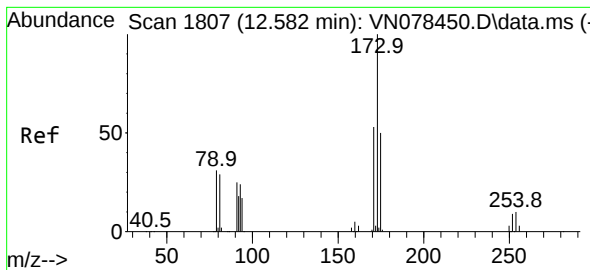
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#70
Styrene
Concen: 20.444 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

Tgt Ion:104 Resp: 337722
Ion Ratio Lower Upper
104 100
78 49.0 39.5 59.3
103 56.5 43.2 64.8





#71

Bromoform

Concen: 21.304 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078656.D

Acq: 27 Jul 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBS01

Tgt Ion:173 Resp: 9284

Ion Ratio Lower Upper

173 100

175 48.4 24.3 73.0

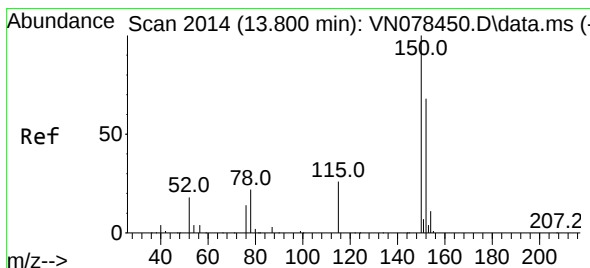
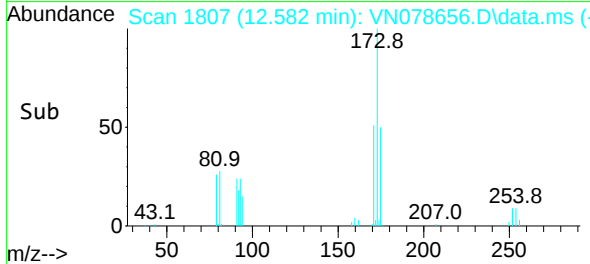
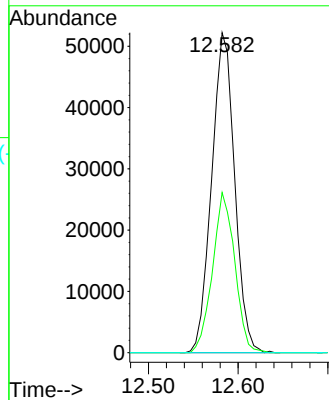
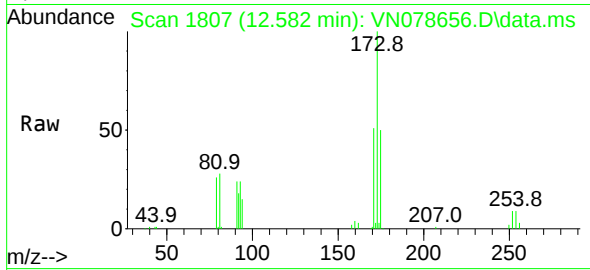
254 0.0 0.0 0.0

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: VN078656.D

Acq: 27 Jul 2023 12:21

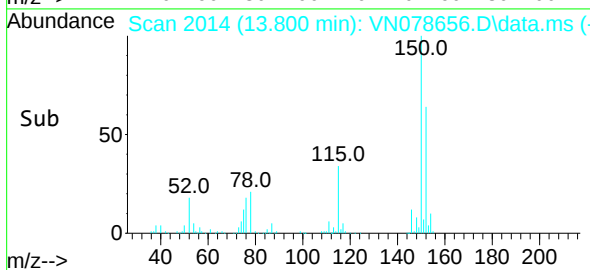
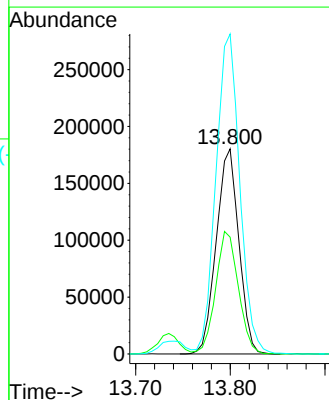
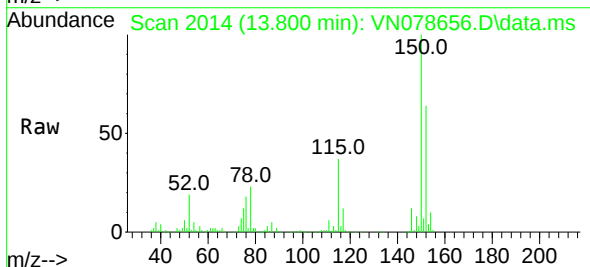
Tgt Ion:152 Resp: 298700

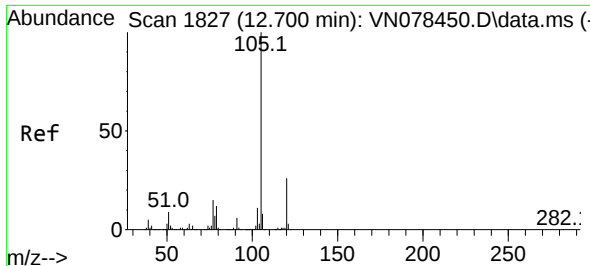
Ion Ratio Lower Upper

152 100

115 60.0 32.3 96.8

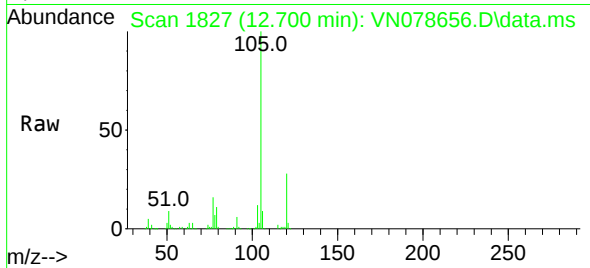
150 164.9 0.0 355.8





#73
Isopropylbenzene
Concen: 18.882 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

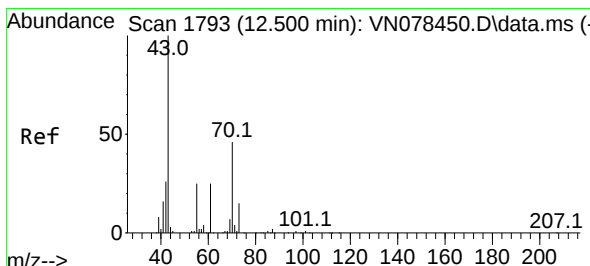
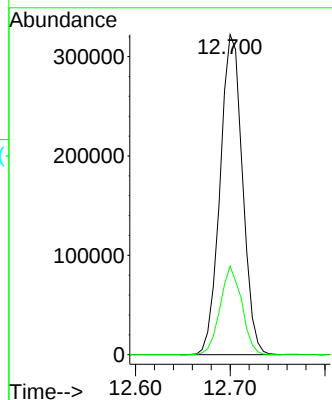
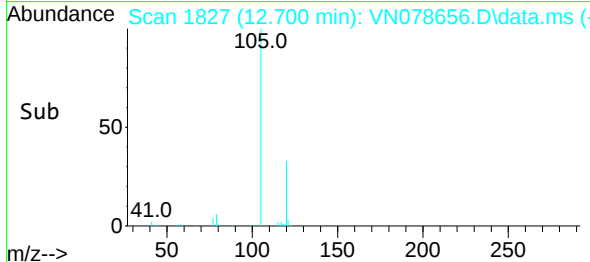
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



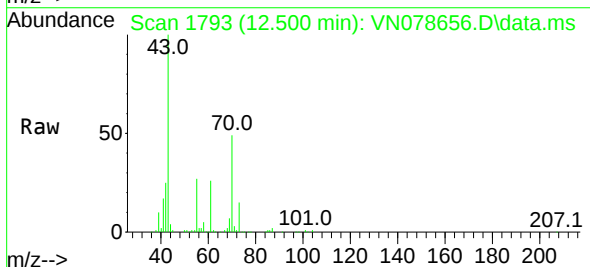
Tgt Ion:105 Resp: 52995
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

Manual Integrations
APPROVED

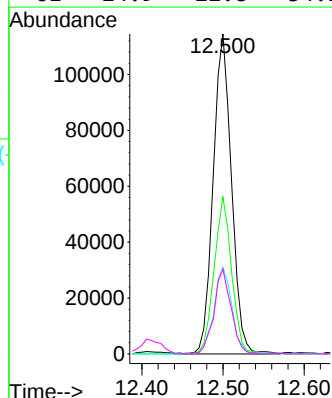
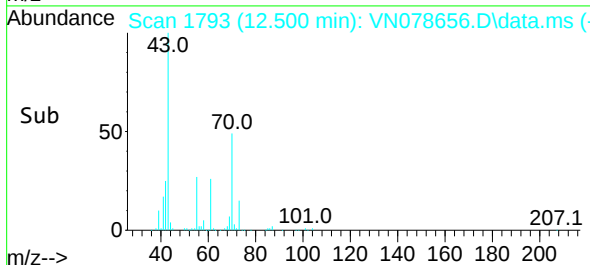
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

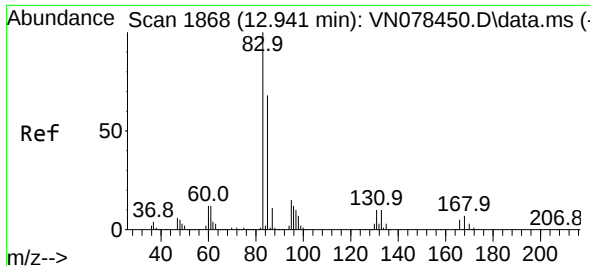


#74
N-ethyl acetate
Concen: 18.564 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21



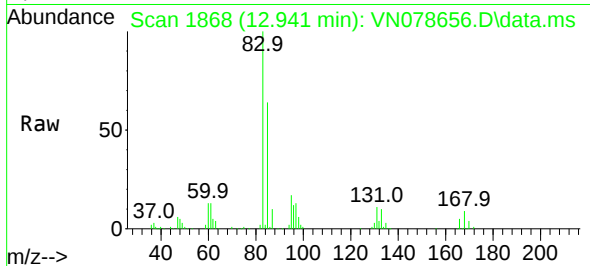
Tgt Ion: 43 Resp: 179556
Ion Ratio Lower Upper
43 100
70 47.1 43.4 65.2
55 26.8 21.4 32.0
61 24.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.966 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

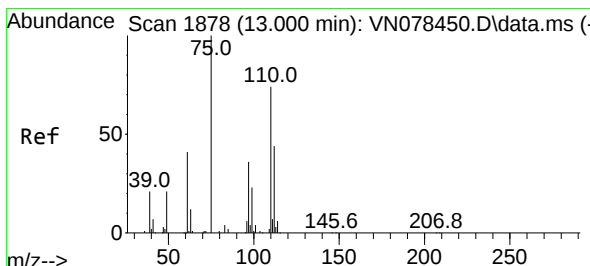
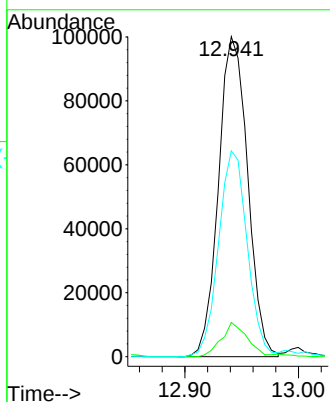
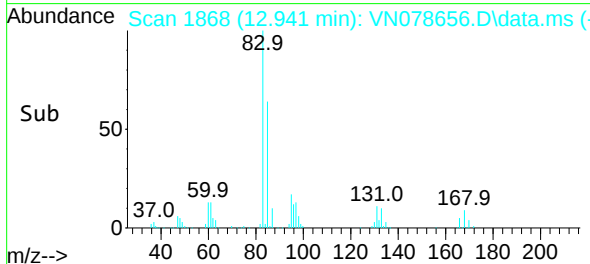
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



Tgt Ion: 83 Resp: 17845
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 63.3 31.9 95.7

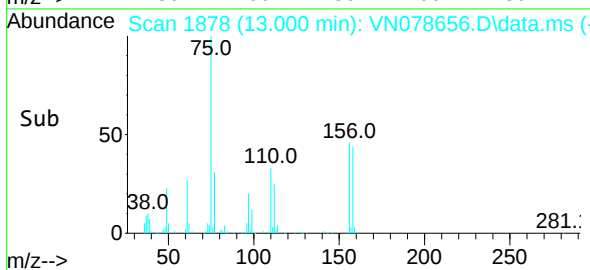
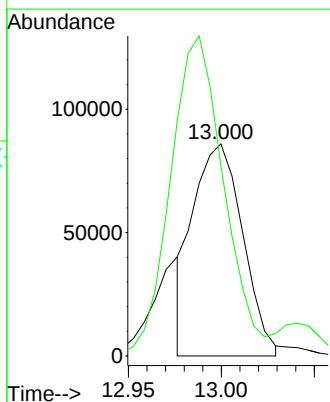
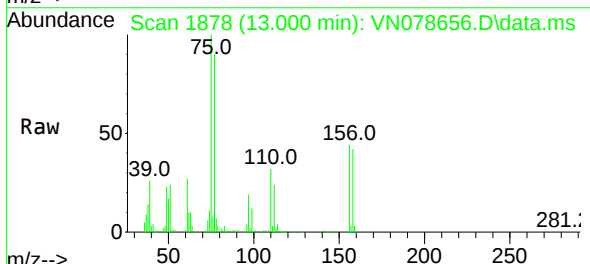
Manual Integrations
APPROVED

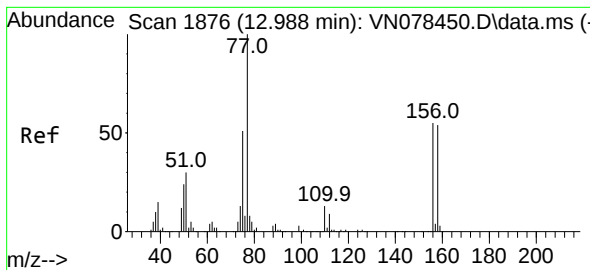
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#76
1,2,3-Trichloropropane
Concen: 22.067 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

Tgt Ion: 75 Resp: 159321
Ion Ratio Lower Upper
75 100
77 161.8 84.5 253.5





#77

Bromobenzene

Concen: 20.402 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078656.D

Acq: 27 Jul 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBS01

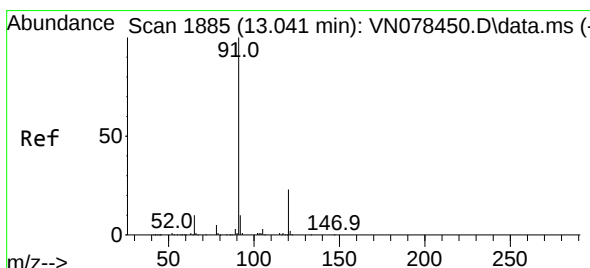
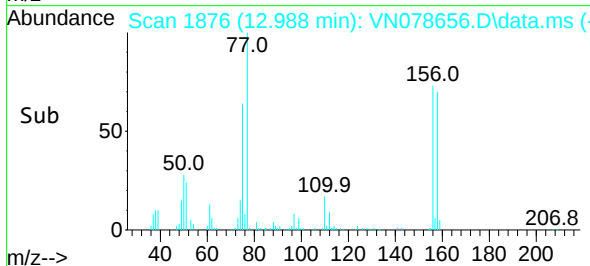
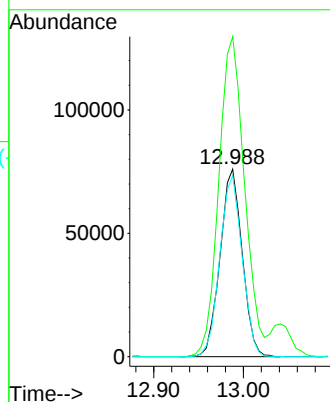
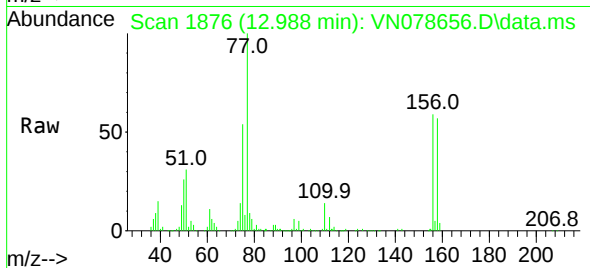
Tgt Ion:156 Resp: 130109
 Ion Ratio Lower Upper
 156 100
 77 198.1 107.7 323.3
 158 97.6 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#78

n-propylbenzene

Concen: 19.186 ug/l

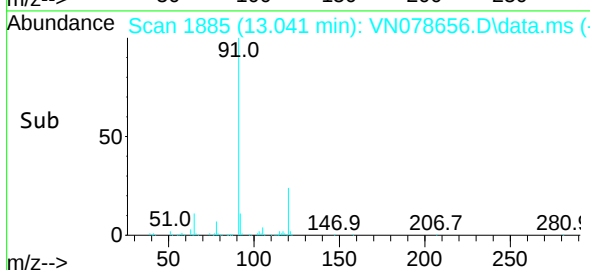
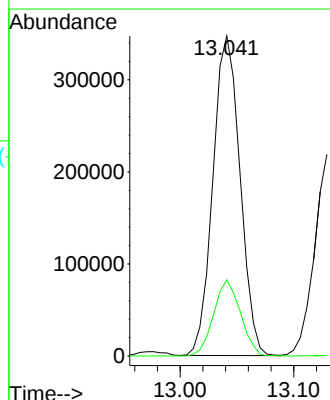
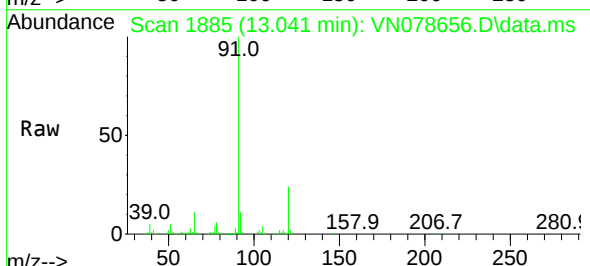
RT: 13.041 min Scan# 1885

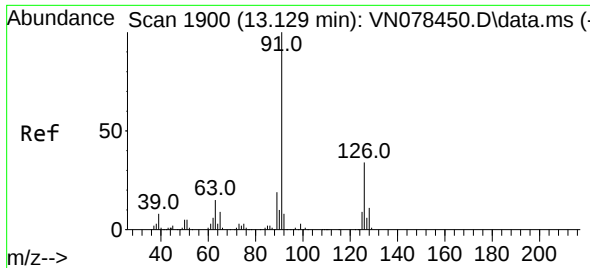
Delta R.T. -0.000 min

Lab File: VN078656.D

Acq: 27 Jul 2023 12:21

Tgt Ion: 91 Resp: 575897
 Ion Ratio Lower Upper
 91 100
 120 23.4 11.5 34.4





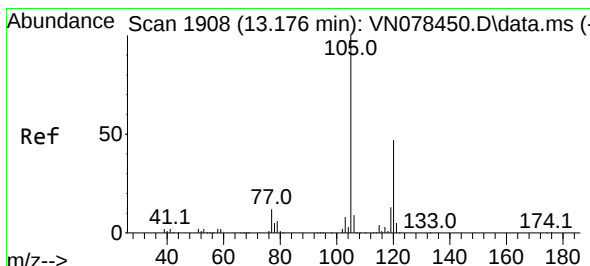
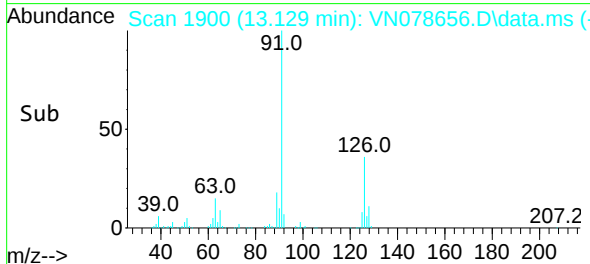
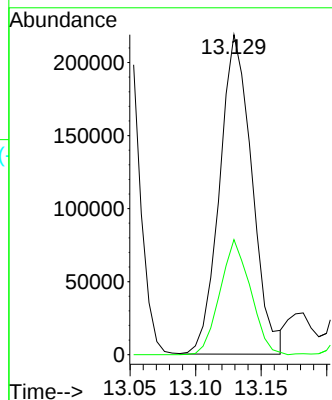
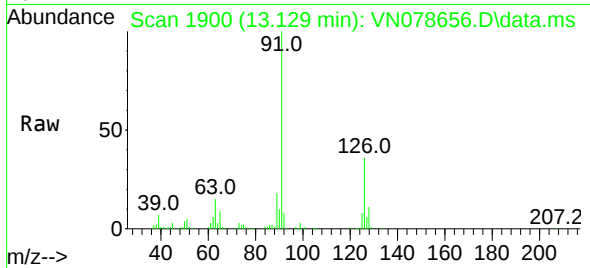
#79
2-Chlorotoluene
Concen: 19.091 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01

Tgt Ion: 91 Resp: 37535
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8

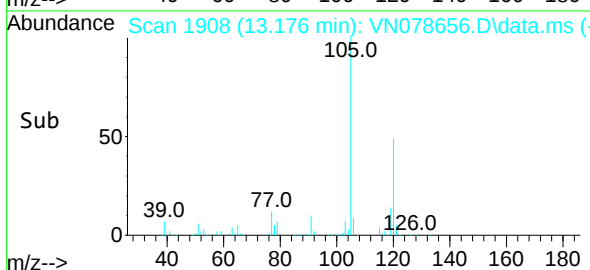
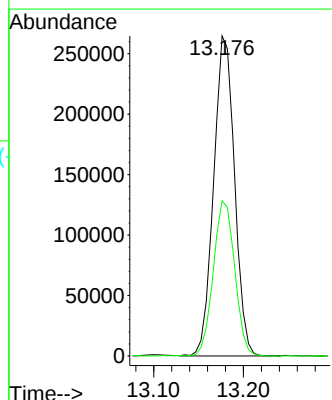
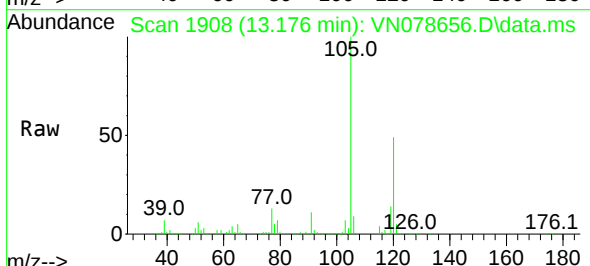
Manual Integrations
APPROVED

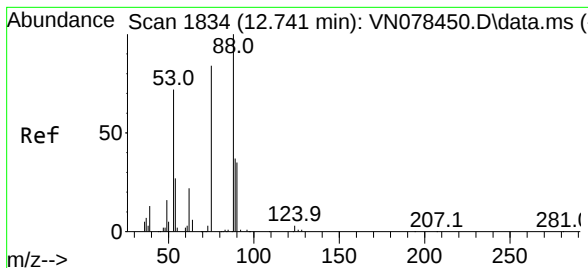
Reviewed By :John Carbone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.308 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

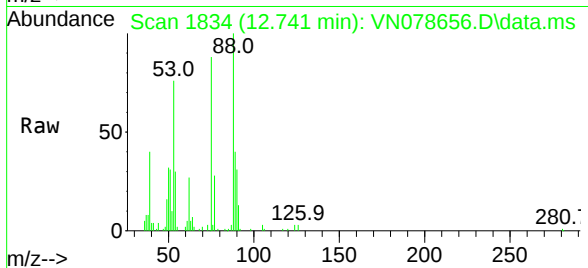
Tgt Ion:105 Resp: 428194
Ion Ratio Lower Upper
105 100
120 49.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.046 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

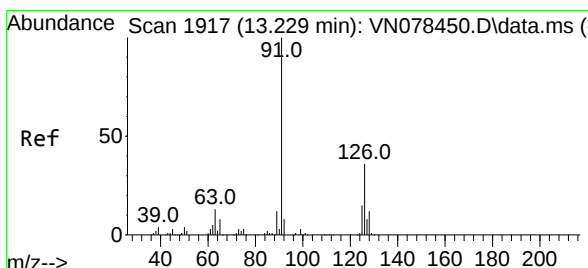
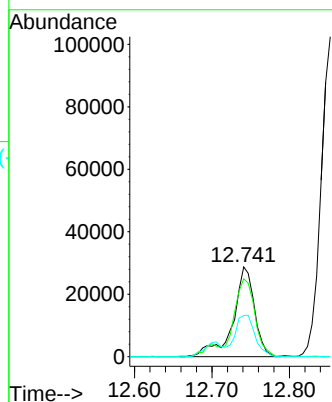
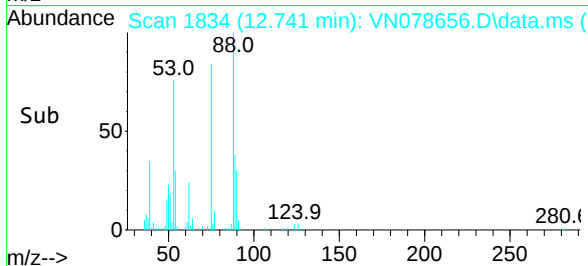
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



Tgt Ion: 75 Resp: 55070
Ion Ratio Lower Upper
75 100
53 82.7 67.4 101.2
89 42.9 38.8 58.2

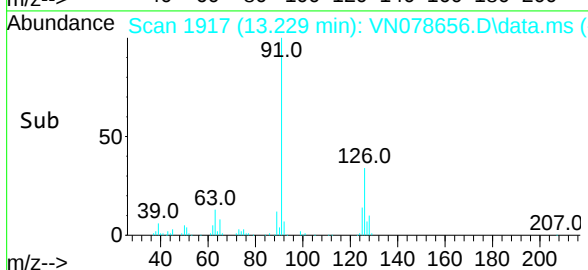
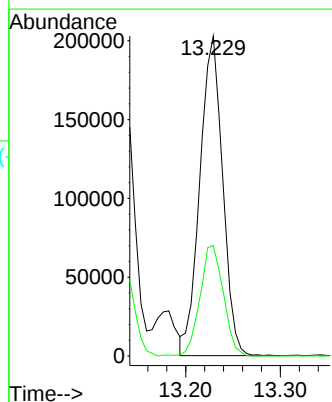
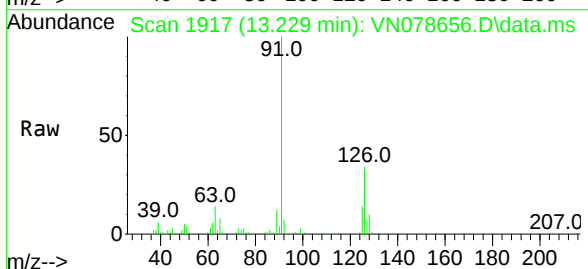
Manual Integrations
APPROVED

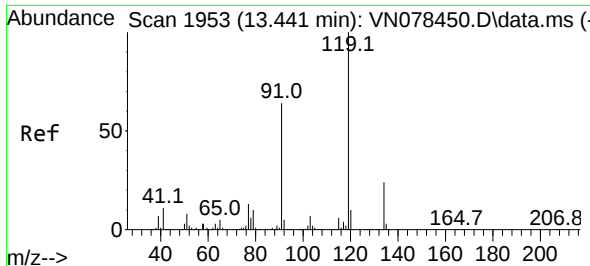
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#82
4-Chlorotoluene
Concen: 18.487 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

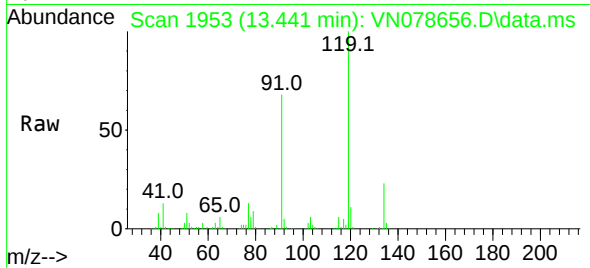
Tgt Ion: 91 Resp: 339079
Ion Ratio Lower Upper
91 100
126 35.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.404 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

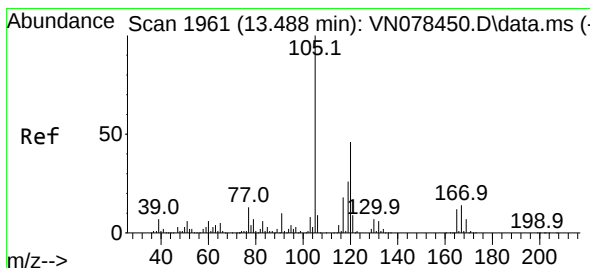
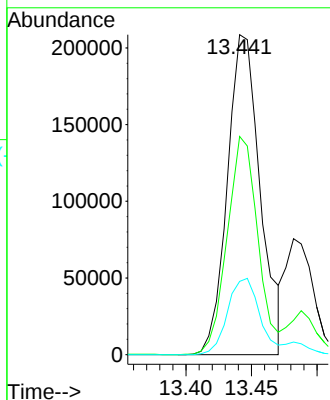
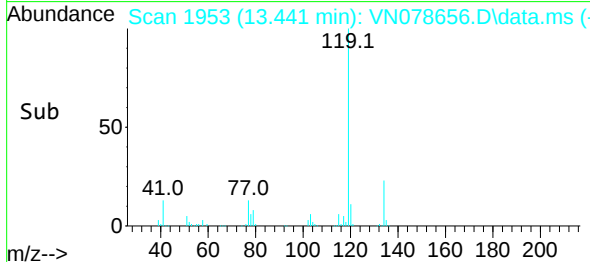
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



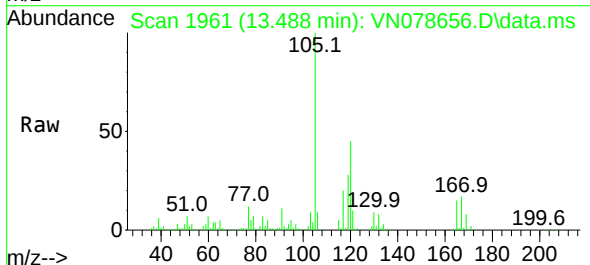
Tgt Ion:119 Resp: 365330
Ion Ratio Lower Upper
119 100
91 63.6 33.9 101.7
134 23.7 13.2 39.6

Manual Integrations
APPROVED

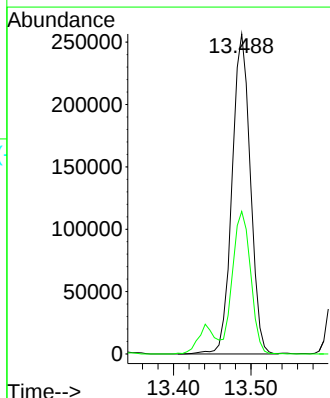
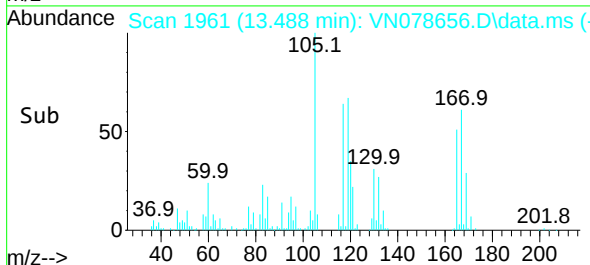
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

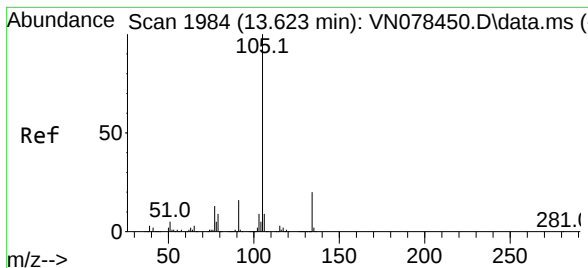


#84
1,2,4-Trimethylbenzene
Concen: 19.585 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21



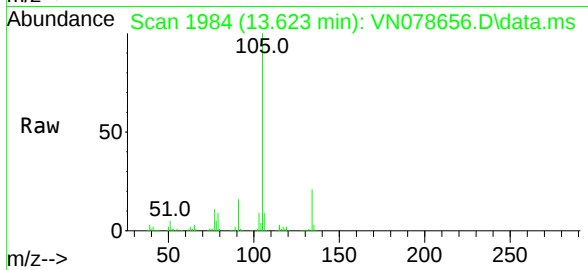
Tgt Ion:105 Resp: 421878
Ion Ratio Lower Upper
105 100
120 44.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.255 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078656.D
 Acq: 27 Jul 2023 12:21

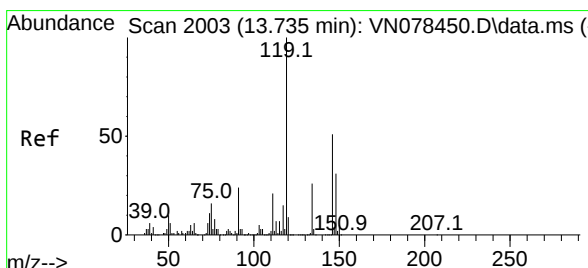
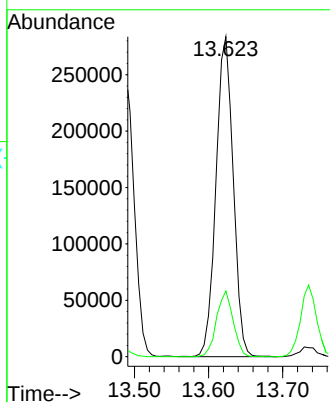
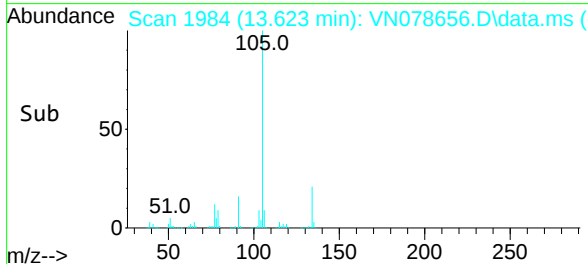
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727MBS01



Tgt Ion:105 Resp: 458249
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

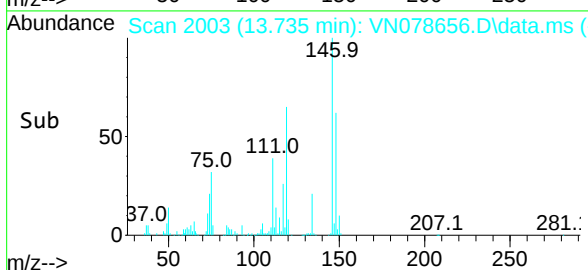
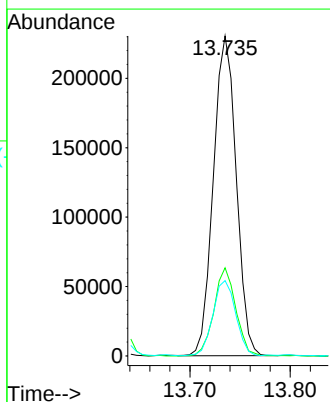
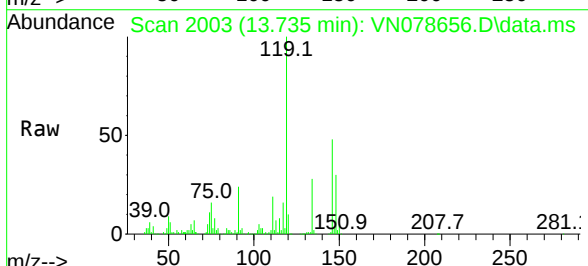
Manual Integrations
 APPROVED

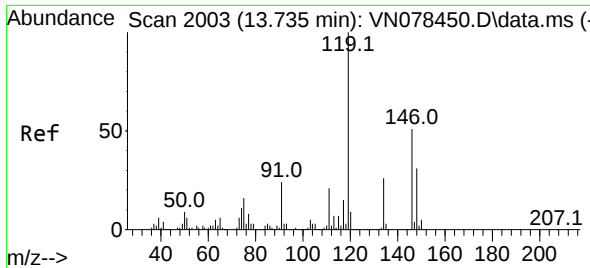
Reviewed By :John Carlone 07/27/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023



#86
 p-Isopropyltoluene
 Concen: 19.090 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078656.D
 Acq: 27 Jul 2023 12:21

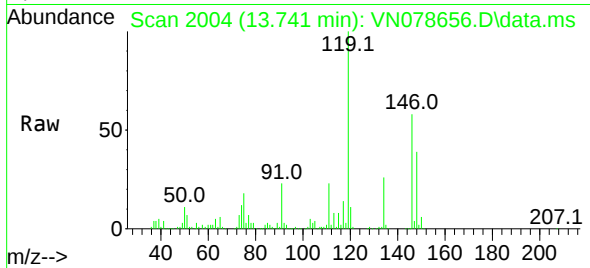
Tgt Ion:119 Resp: 364807
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 23.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.726 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

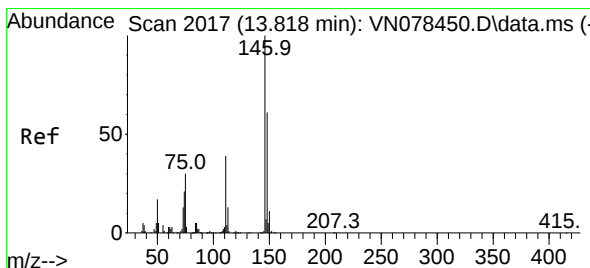
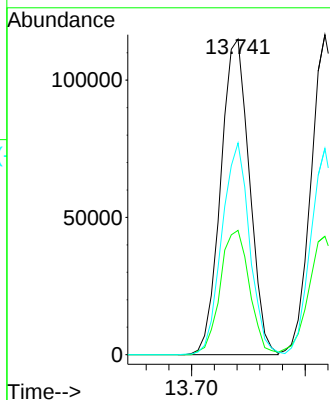
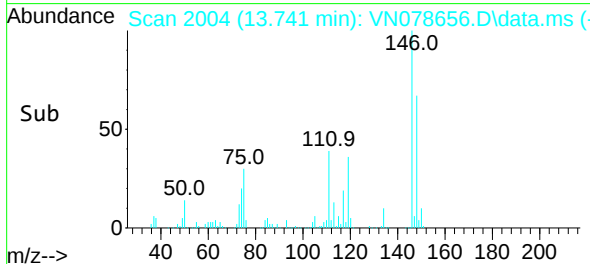
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



Tgt Ion:146 Resp: 20177
Ion Ratio Lower Upper
146 100
111 40.3 22.1 66.3
148 64.9 32.0 96.0

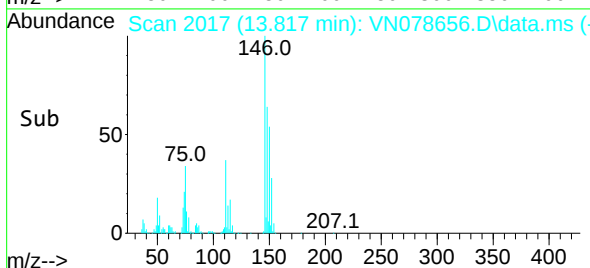
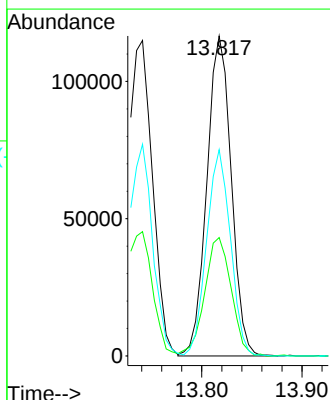
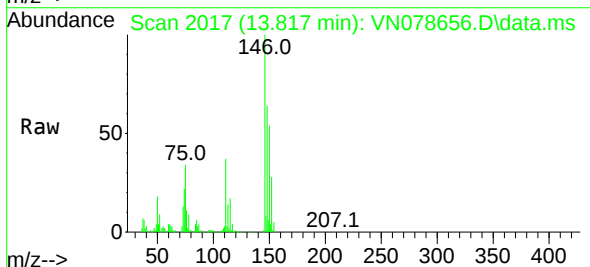
Manual Integrations
APPROVED

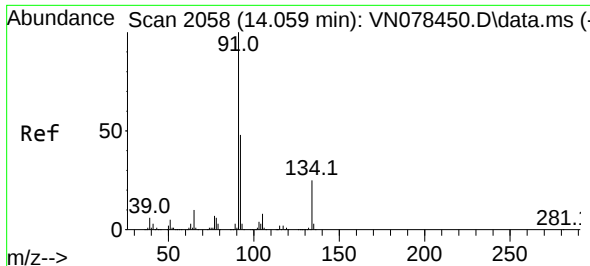
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#88
1,4-Dichlorobenzene
Concen: 18.189 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

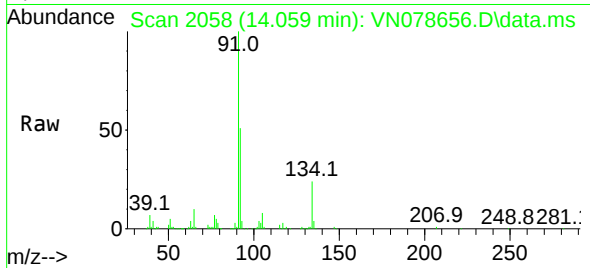
Tgt Ion:146 Resp: 197405
Ion Ratio Lower Upper
146 100
111 40.2 20.6 61.8
148 63.0 31.6 94.8





#89
n-Butylbenzene
Concen: 19.097 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

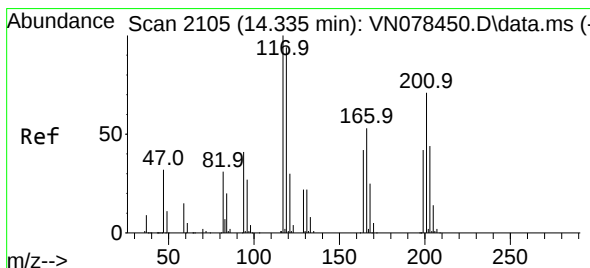
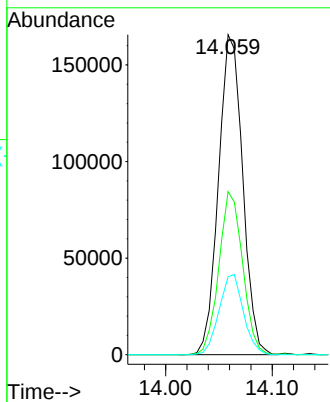
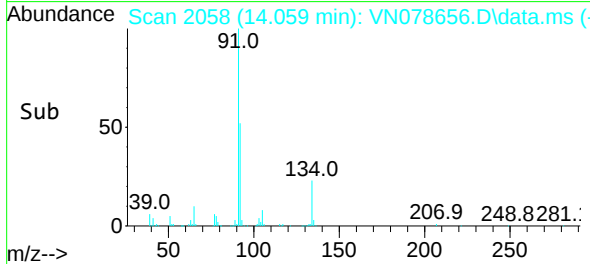
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



Tgt Ion: 91 Resp: 26110
Ion Ratio Lower Upper
91 100
92 50.1 26.4 79.0
134 25.1 12.6 37.6

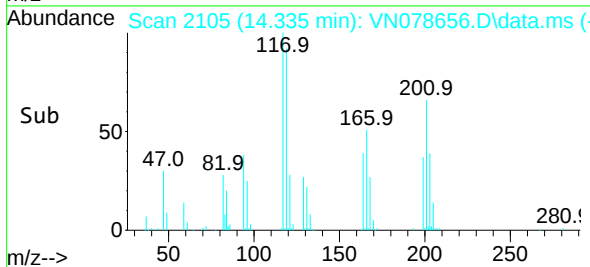
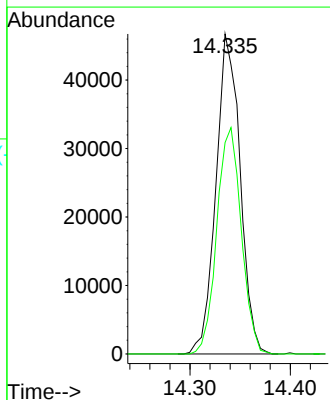
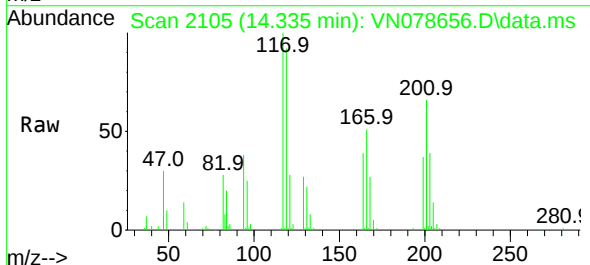
Manual Integrations
APPROVED

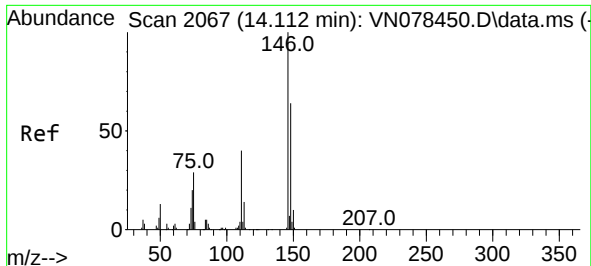
Reviewed By :John Carlone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#90
Hexachloroethane
Concen: 21.769 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

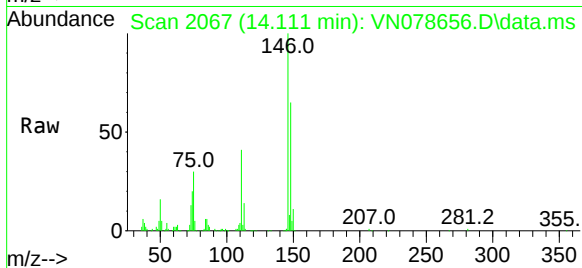
Tgt Ion:117 Resp: 78076
Ion Ratio Lower Upper
117 100
201 71.7 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 18.799 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

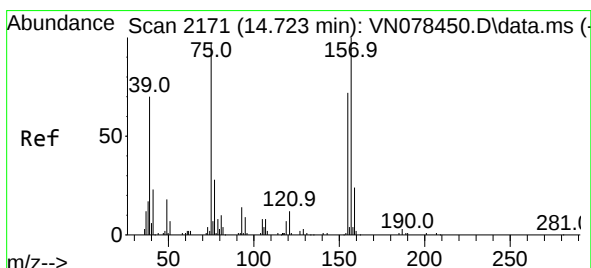
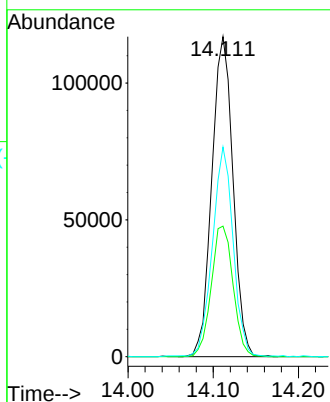
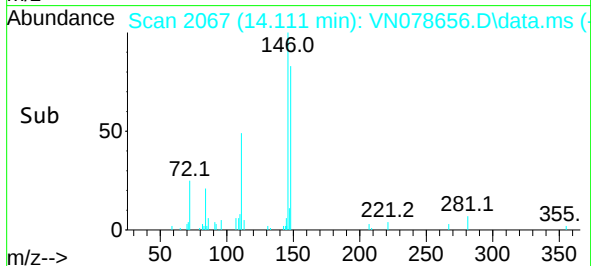
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



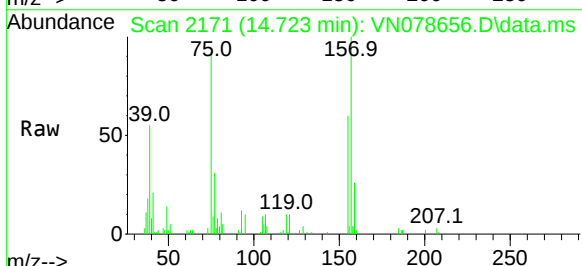
Tgt Ion:146 Resp: 201574
Ion Ratio Lower Upper
146 100
111 42.1 22.0 66.0
148 64.5 31.8 95.3

Manual Integrations
APPROVED

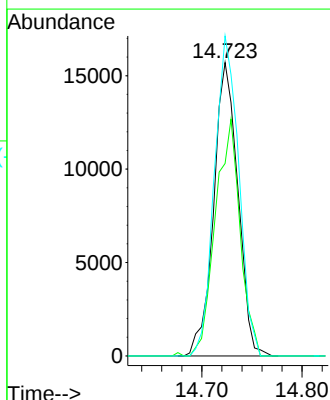
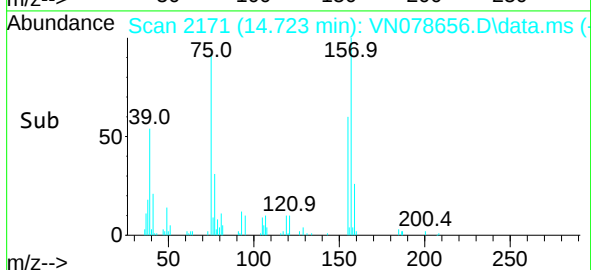
Reviewed By :John Carbone 07/27/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

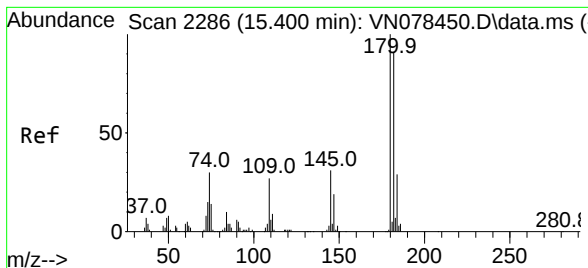


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.420 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21



Tgt Ion: 75 Resp: 26380
Ion Ratio Lower Upper
75 100
155 82.3 39.1 117.2
157 109.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.008 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078656.D

Acq: 27 Jul 2023 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0727MBS01

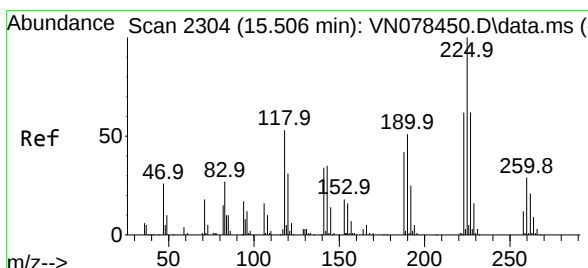
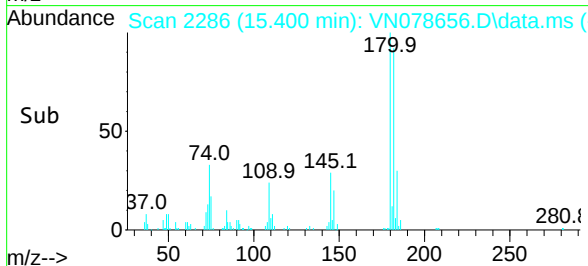
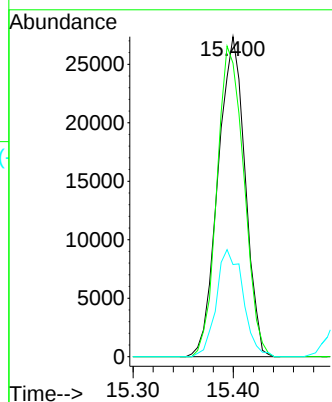
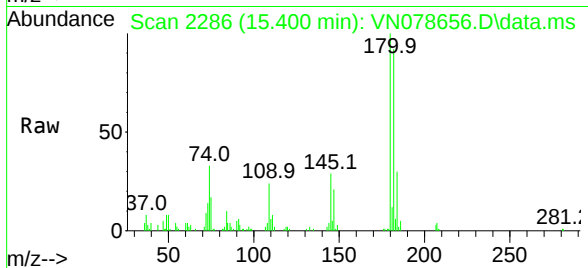
Tgt Ion:	180	Resp:	5136
Ion Ratio	Lower	Upper	
180	100		
182	96.5	46.1	138.2
145	33.0	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/27/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#94

Hexachlorobutadiene

Concen: 19.213 ug/l

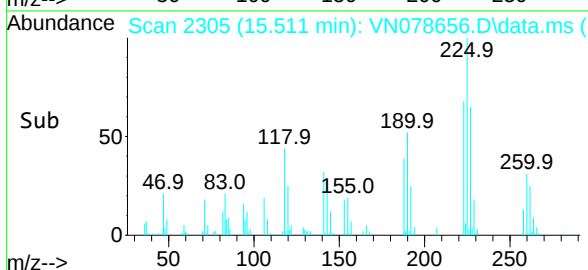
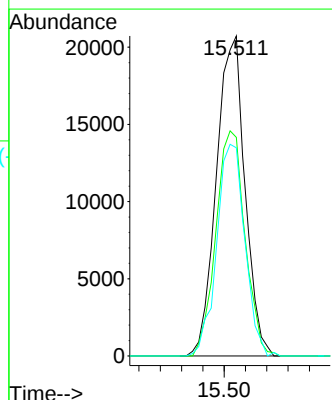
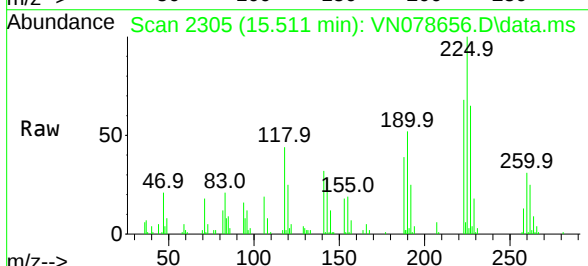
RT: 15.511 min Scan# 2305

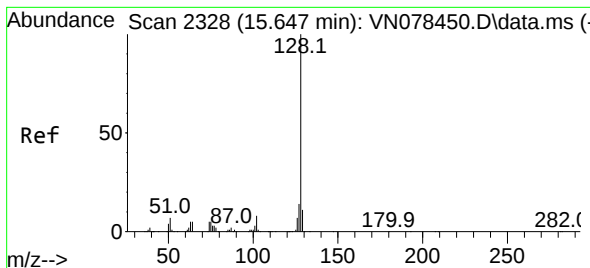
Delta R.T. 0.005 min

Lab File: VN078656.D

Acq: 27 Jul 2023 12:21

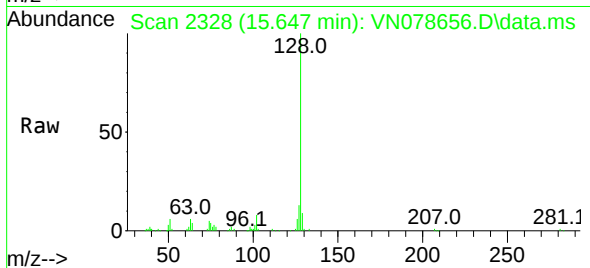
Tgt Ion:	225	Resp:	38526
Ion Ratio	Lower	Upper	
225	100		
223	71.8	31.3	93.8
227	65.2	31.9	95.9





#95
Naphthalene
Concen: 12.606 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21

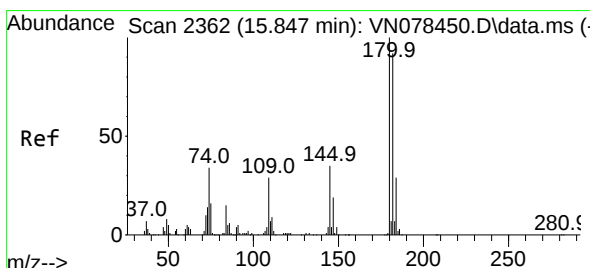
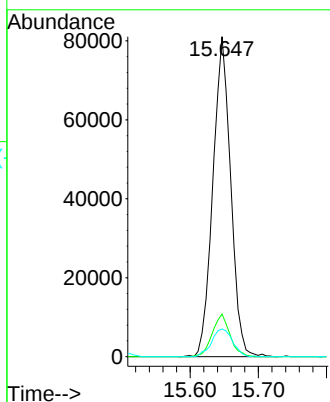
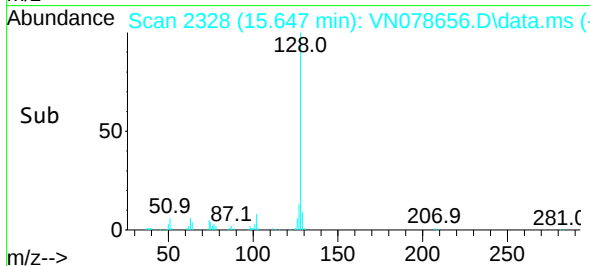
Instrument :
MSVOA_N
ClientSampleId :
VN0727MBS01



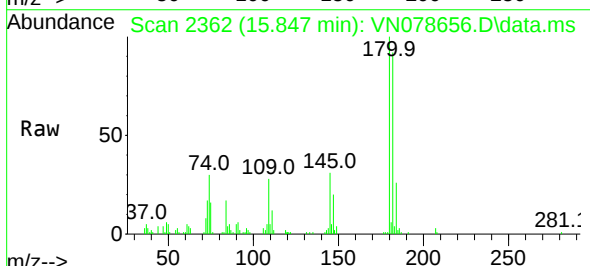
Tgt Ion:128 Resp: 147480
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.2 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 15.130 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078656.D
Acq: 27 Jul 2023 12:21



Tgt Ion:180 Resp: 59537
Ion Ratio Lower Upper
180 100
182 98.9 46.2 138.6
145 31.6 17.5 52.6

