

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080223\
 Data File : VN078729.D
 Acq On : 02 Aug 2023 12:23
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/03/2023
 Supervised By : Semsettin Yesilyurt 08/03/2023

Quant Time: Aug 03 05:31:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	101177	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	556841	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	493907	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	226154	29.819	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.400%		
60) 4-Bromofluorobenzene	12.853	95	212051	28.648	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.500%		
63) Toluene-d8	10.571	98	723882	29.669	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	118208	18.522	ug/l	100
3) Chloromethane	2.371	50	220462	28.064	ug/l	94
4) Vinyl Chloride	2.524	62	221079	20.708	ug/l	95
5) Bromomethane	2.965	94	154364	19.343	ug/l	96
6) Chloroethane	3.136	64	150578	21.657	ug/l	97
7) Trichlorofluoromethane	3.506	101	242837	22.174	ug/l	91
8) Diethyl Ether	3.971	74	81043	22.667	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.383	101	141999	24.156	ug/l	97
10) 1,1-Dichloroethene	4.359	96	128858	22.860	ug/l	98
11) Methyl Iodide	4.600	142	184534	23.290	ug/l	97
12) Methyl Acetate	5.036	43	169775	18.569	ug/l	99
13) Acrolein	4.195	56	93459	95.992	ug/l	99
14) Acrylonitrile	5.736	53	258446	96.534	ug/l	95
15) Acetone	4.442	58	96351	124.213	ug/l	97
16) Carbon Disulfide	4.718	76	300545	18.875	ug/l	97
17) Allyl chloride	5.030	41	155829	20.247	ug/l	96
18) Methylene Chloride	5.289	84	136325	20.158	ug/l	95
19) trans-1,2-Dichloroethene	5.794	96	120338	18.465	ug/l	95
20) Diisopropyl ether	6.683	45	347629	20.060	ug/l	97
21) 1,1-Dichloroethane	6.571	63	227793	19.852	ug/l	98
22) cis-1,2-Dichloroethene	7.494	96	146356	19.996	ug/l	97
23) tert-Butyl Alcohol	5.530	59	99056m	90.544	ug/l	
24) Methyl tert-Butyl Ether	5.806	73	366583	19.340	ug/l	97
25) Chloroform	7.977	83	246001	20.250	ug/l	95
26) Cyclohexane	8.265	56	173110	20.480	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	184557	22.525	ug/l	98
30) 2-Butanone	7.494	43	336089	103.764	ug/l	99
31) 2,2-Dichloropropane	7.500	77	205616	21.869	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	224104	21.618	ug/l	99
33) Carbon Tetrachloride	8.371	117	204210	22.179	ug/l	97
34) Benzene	8.612	78	536328	21.791	ug/l	97
35) Methacrylonitrile	7.788	41	69440	19.523	ug/l	86
36) 1,2-Dichloroethane	8.677	62	189625	21.937	ug/l	99
37) Trichloroethene	9.359	130	143241	20.739	ug/l	98
38) Methylcyclohexane	9.606	83	172355	20.473	ug/l	98
39) 1,2-Dichloropropane	9.630	63	136758	20.727	ug/l	97
40) Dibromomethane	9.718	93	95985	21.019	ug/l	96
41) Bromodichloromethane	9.894	83	195402	21.403	ug/l	97
42) Vinyl Acetate	6.612	43	1098207	105.462	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080223\
 Data File : VN078729.D
 Acq On : 02 Aug 2023 12:23
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

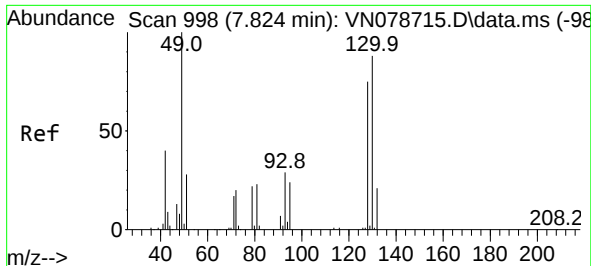
Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/03/2023
 Supervised By : Semsettin Yesilyurt 08/03/2023

Quant Time: Aug 03 05:31:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 2023
 Response via : Initial Calibration

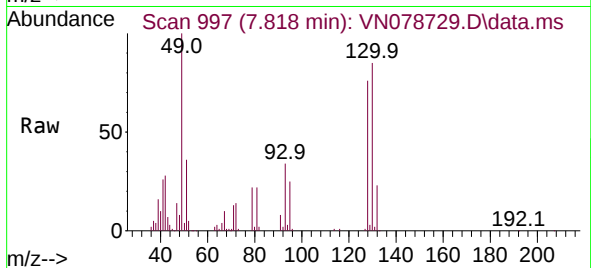
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	130174	19.440	ug/l	97
44) Isopropyl Acetate	8.694	43	240055	20.433	ug/l	99
45) 1,4-Dioxane	9.700	88	41039	379.745	ug/l	94
46) Methyl methacrylate	9.688	41	110015	20.449	ug/l	97
47) n-amyl Acetate	12.500	43	178255	19.701	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	197802	20.300	ug/l	100
49) cis-1,3-Dichloropropene	10.318	75	224207	21.664	ug/l	94
50) 1,1,2-Trichloroethane	11.024	97	132428	20.486	ug/l	98
51) Ethyl methacrylate	10.877	69	174738	19.744	ug/l	87
52) 1,3-Dichloropropane	11.165	76	218306	18.789	ug/l	99
53) Dibromochloromethane	11.365	129	151057	20.685	ug/l	97
54) 1,2-Dibromoethane	11.476	107	139139	21.435	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	303897	107.759	ug/l	100
56) Bromoform	12.582	173	97562	20.418	ug/l	100
58) 4-Methyl-2-Pentanone	10.447	43	700474	94.752	ug/l	99
59) 2-Hexanone	11.200	43	503280	89.911	ug/l	99
61) Tetrachloroethene	11.106	164	132244	20.362	ug/l	94
62) Toluene	10.635	91	606054	20.400	ug/l	100
64) Chlorobenzene	11.894	112	362545	20.902	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	140636	20.559	ug/l	98
66) Ethyl Benzene	11.971	91	618408	20.654	ug/l	98
67) m/p-Xylenes	12.076	106	474859	41.518	ug/l	99
68) o-Xylene	12.406	106	227398	19.540	ug/l	99
69) Styrene	12.418	104	360364	19.245	ug/l	99
70) Isopropylbenzene	12.700	105	586102	20.358	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	176770	18.902	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	139009m	17.719	ug/l	
73) Bromobenzene	12.988	156	138266	19.594	ug/l	97
74) n-propylbenzene	13.041	91	636908	19.960	ug/l	100
75) 2-Chlorotoluene	13.129	91	402169	18.250	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	477330	18.570	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	49754	18.146	ug/l	85
78) 4-Chlorotoluene	13.229	91	375384	17.642	ug/l	100
79) tert-butylbenzene	13.441	119	388632	17.566	ug/l	97
80) 1,2,4-Trimethylbenzene	13.488	105	457346	18.630	ug/l	99
81) sec-Butylbenzene	13.623	105	509878	17.980	ug/l	99
82) p-Isopropyltoluene	13.735	119	418474	17.975	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	226268	18.082	ug/l	98
84) 1,4-Dichlorobenzene	13.818	146	213435	18.219	ug/l	98
85) n-Butylbenzene	14.059	91	284000	17.592	ug/l	99
86) Hexachloroethane	14.335	117	78760	18.568	ug/l	90
87) 1,2-Dichlorobenzene	14.112	146	222777	19.022	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.717	75	27945	17.595	ug/l	95
89) 1,2,4-Trichlorobenzene	15.394	180	57996	17.356	ug/l	96
90) Hexachlorobutadiene	15.506	225	48593	19.089	ug/l	99
91) Naphthalene	15.647	128	158879	15.695	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	68020	17.887	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

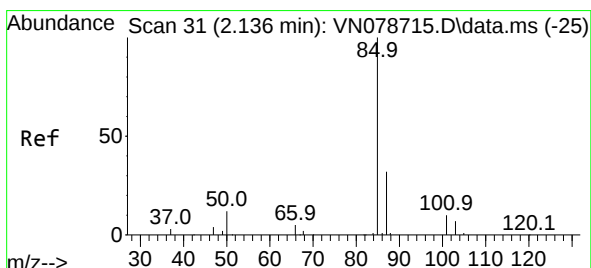
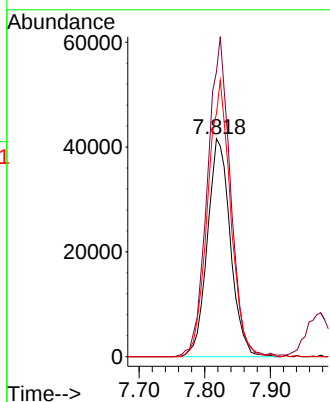
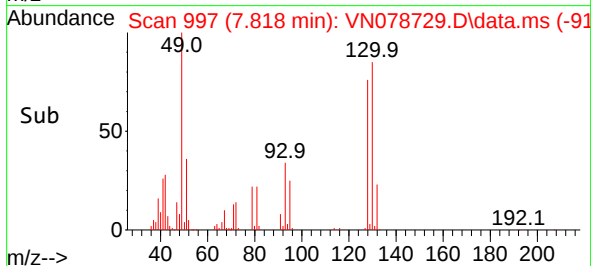
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 10117
Ion Ratio Lower Upper
128 100
49 146.4 0.0 370.8
130 126.6 0.0 307.0

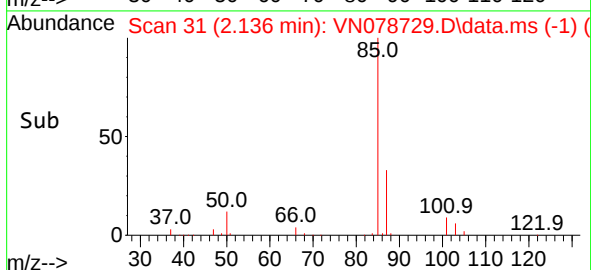
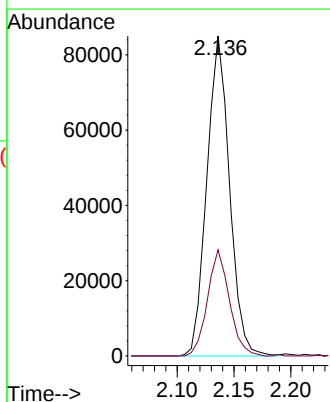
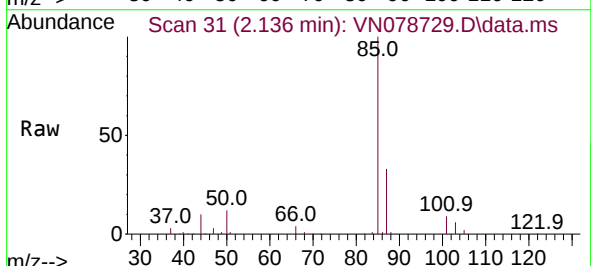
Manual Integrations
APPROVED

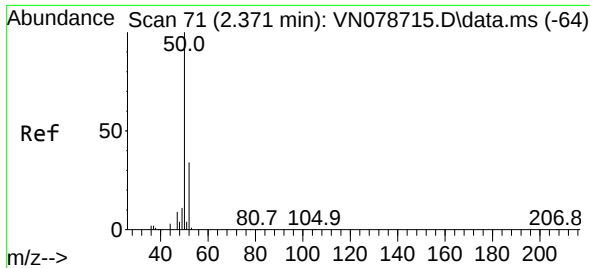
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#2
Dichlorodifluoromethane
Concen: 18.522 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

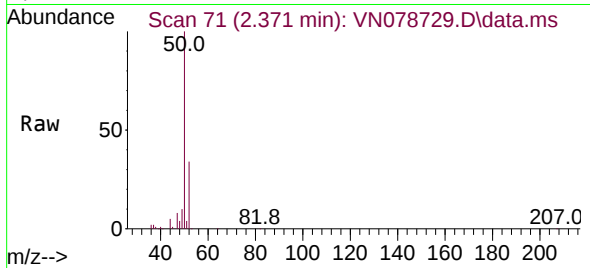
Tgt Ion: 85 Resp: 118208
Ion Ratio Lower Upper
85 100
87 33.1 16.4 49.4





#3
Chloromethane
Concen: 28.064 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

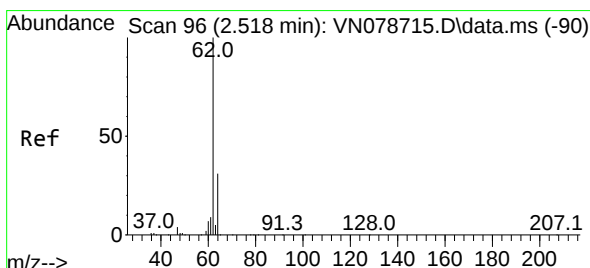
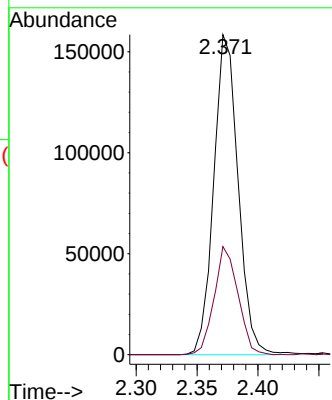
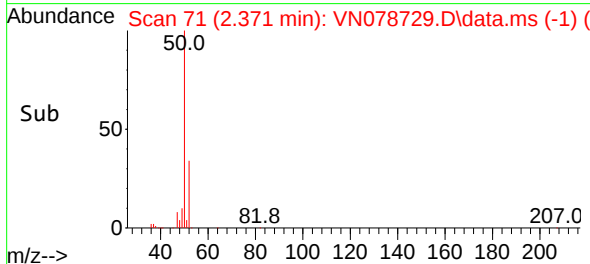
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



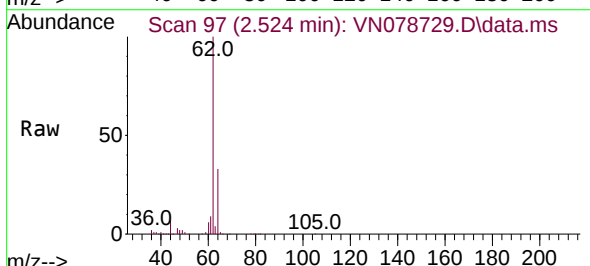
Tgt Ion: 50 Resp: 220462
Ion Ratio Lower Upper
50 100
52 33.8 24.6 36.8

Manual Integrations
APPROVED

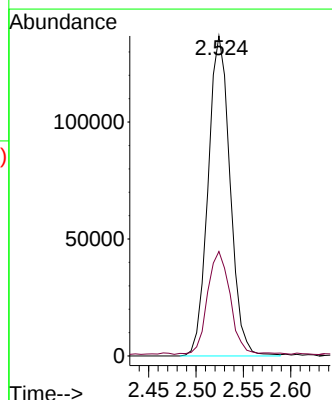
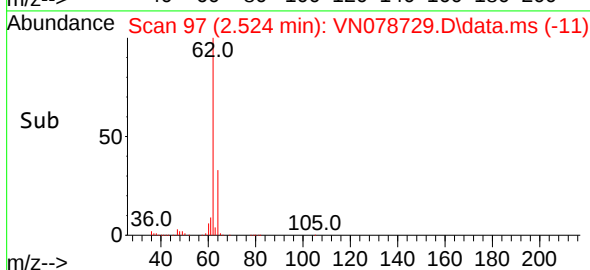
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

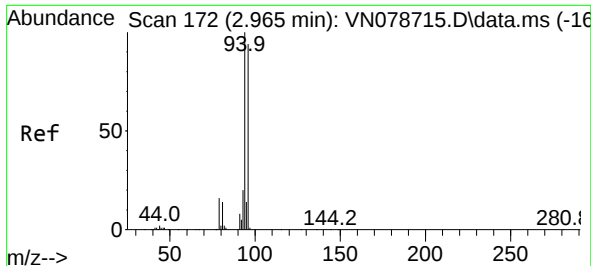


#4
Vinyl Chloride
Concen: 20.708 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23



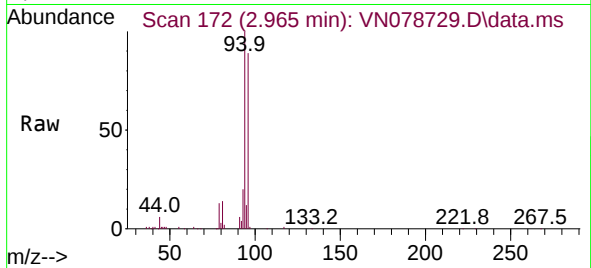
Tgt Ion: 62 Resp: 221079
Ion Ratio Lower Upper
62 100
64 31.9 23.3 34.9





#5
Bromomethane
Concen: 19.343 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

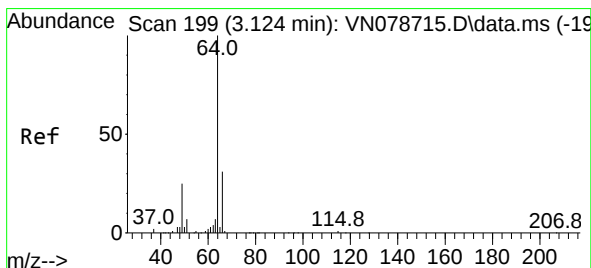
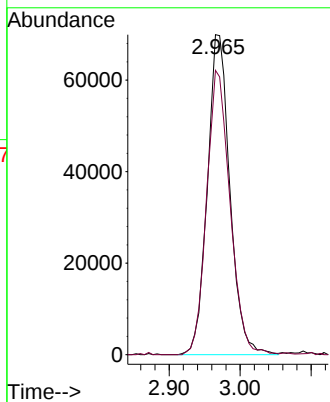
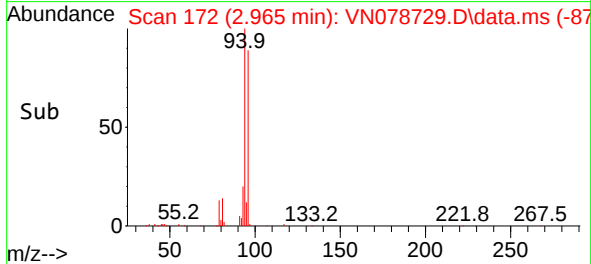
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



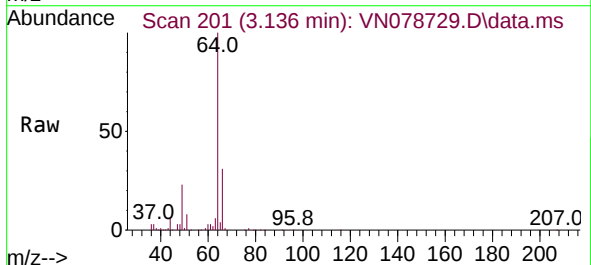
Tgt Ion: 94 Resp: 154364
Ion Ratio Lower Upper
94 100
96 88.8 73.9 110.9

Manual Integrations
APPROVED

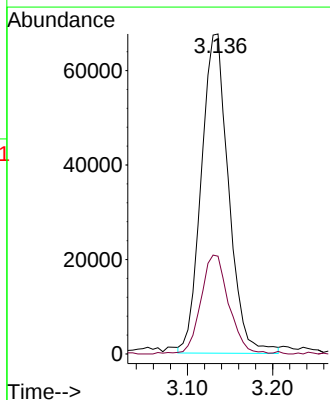
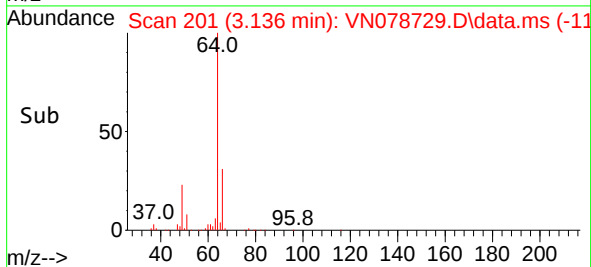
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

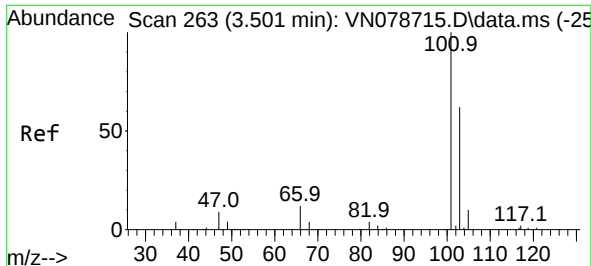


#6
Chloroethane
Concen: 21.657 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23



Tgt Ion: 64 Resp: 150578
Ion Ratio Lower Upper
64 100
66 30.7 25.7 38.5





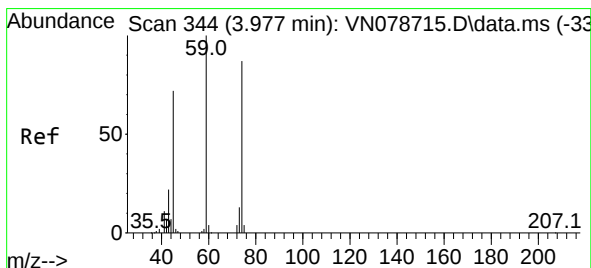
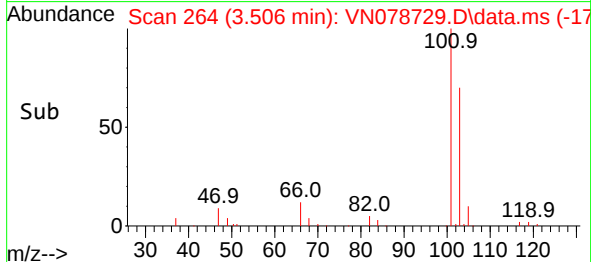
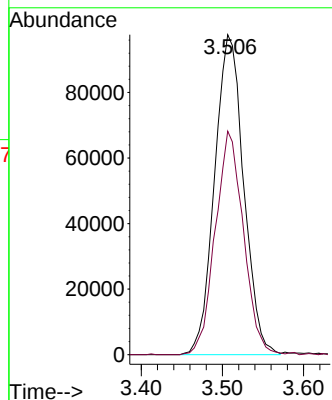
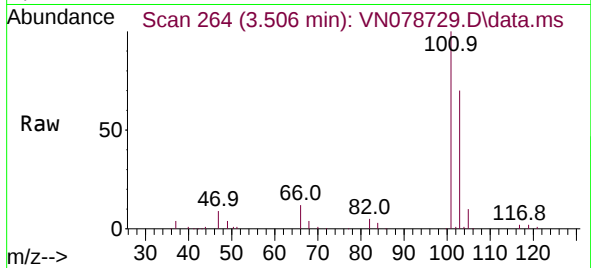
#7
Trichlorofluoromethane
Concen: 22.174 ug/l
RT: 3.506 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 24283
Ion Ratio Lower Upper
101 100
103 69.8 50.4 75.6

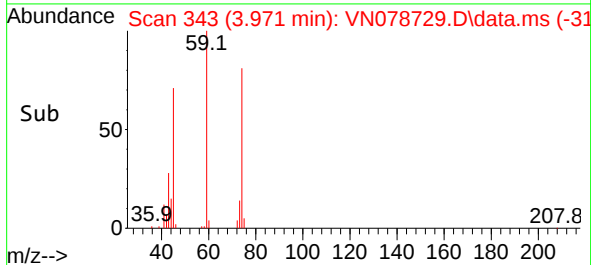
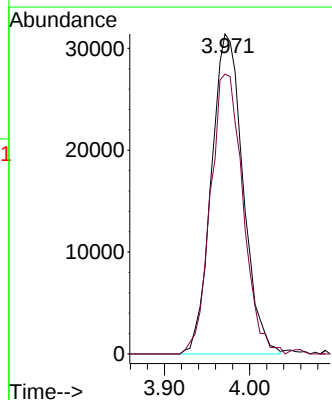
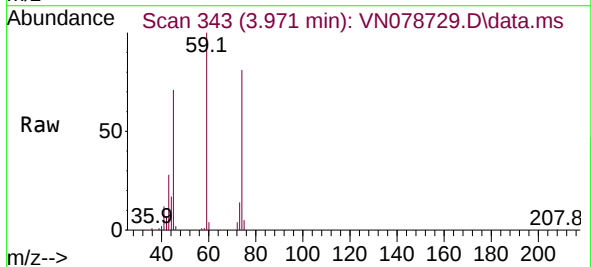
Manual Integrations
APPROVED

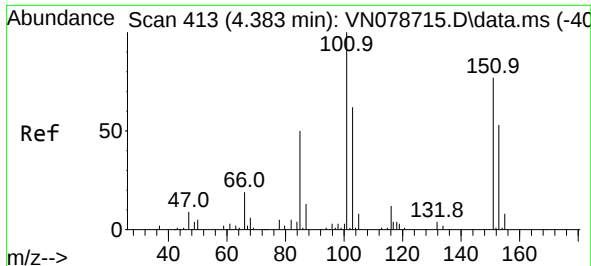
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#8
Diethyl Ether
Concen: 22.667 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.006 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

Tgt Ion: 74 Resp: 81043
Ion Ratio Lower Upper
74 100
45 89.3 16.3 146.5





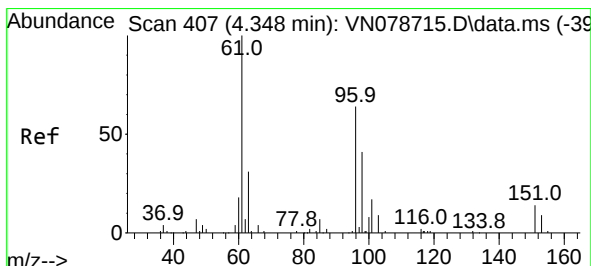
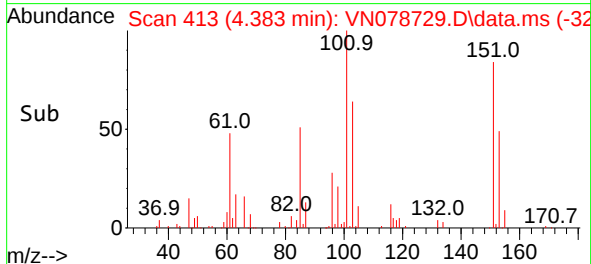
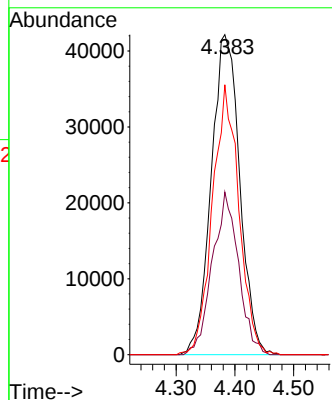
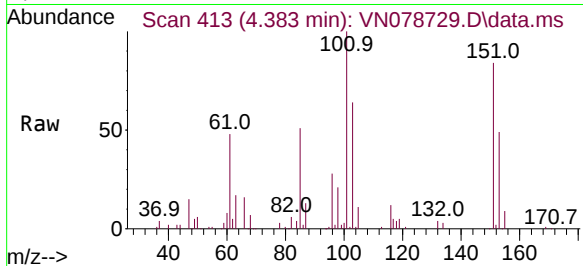
#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.156 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 141995
Ion Ratio Lower Upper
101 100
85 46.2 0.0 89.2
151 77.8 0.0 148.8

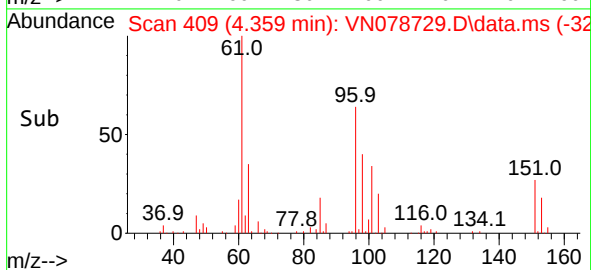
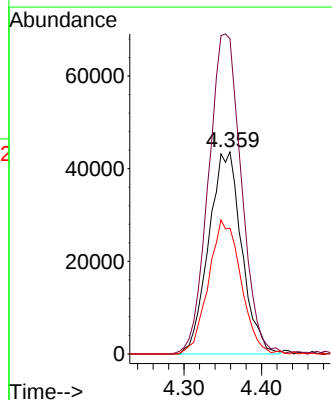
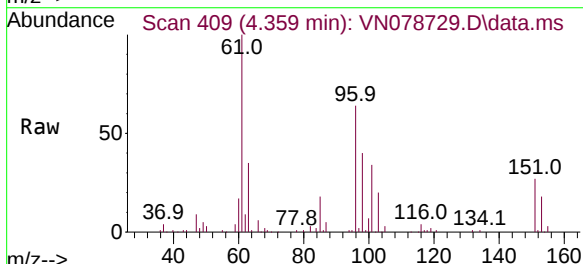
Manual Integrations
APPROVED

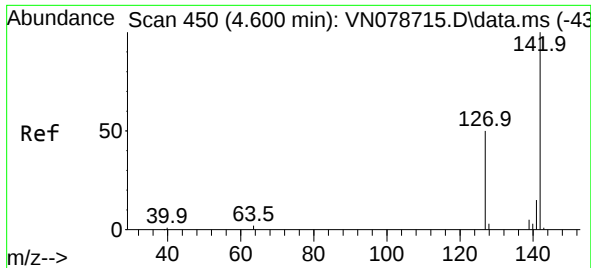
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#10
1,1-Dichloroethene
Concen: 22.860 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.012 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

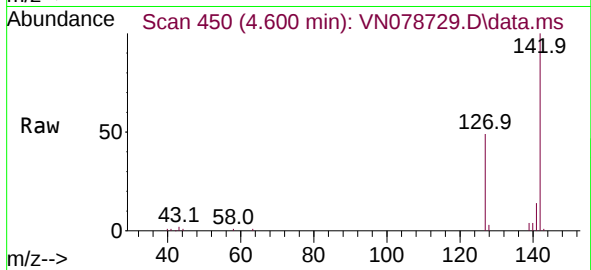
Tgt Ion: 96 Resp: 128858
Ion Ratio Lower Upper
96 100
61 154.5 123.4 185.2
98 61.8 53.7 80.5





#11
Methyl Iodide
Concen: 23.290 ug/l
RT: 4.600 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

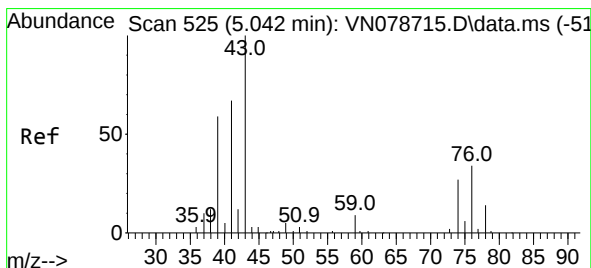
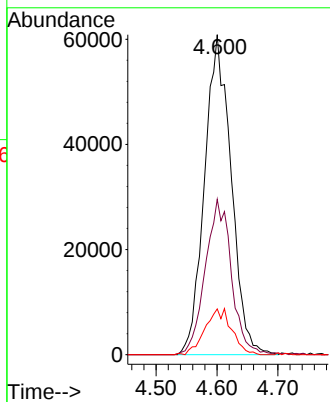
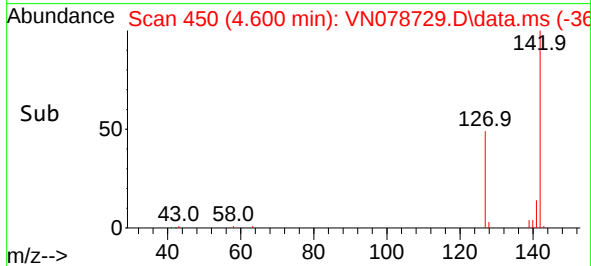
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 184534
Ion Ratio Lower Upper
142 100
127 48.2 23.2 69.5
141 13.8 7.2 21.7

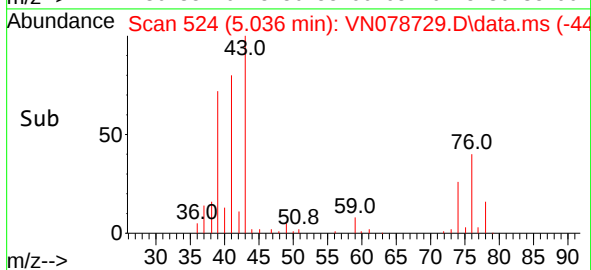
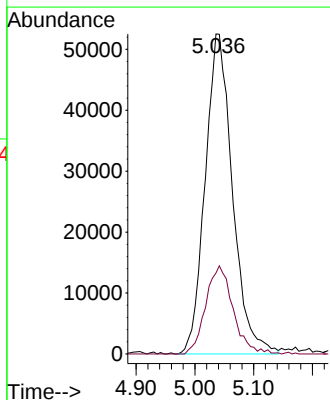
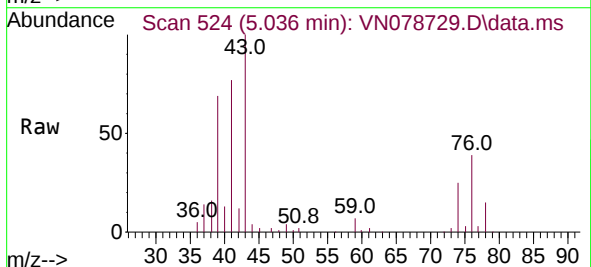
Manual Integrations
APPROVED

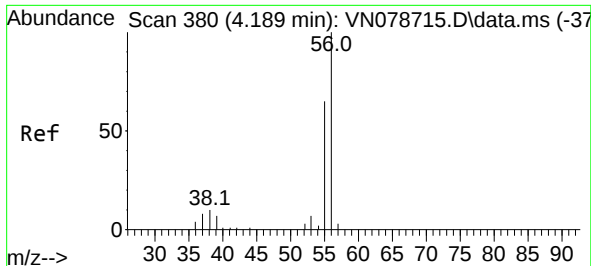
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#12
Methyl Acetate
Concen: 18.569 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

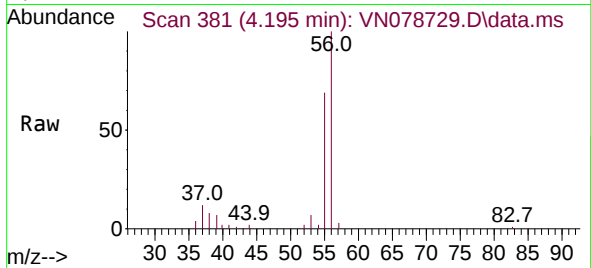
Tgt Ion: 43 Resp: 169775
Ion Ratio Lower Upper
43 100
74 25.3 20.5 30.7





#13
Acrolein
Concen: 95.992 ug/l
RT: 4.195 min Scan# 380
Delta R.T. 0.006 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

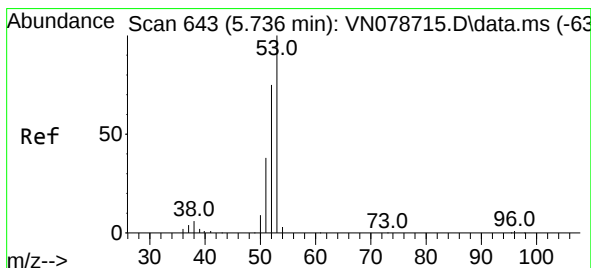
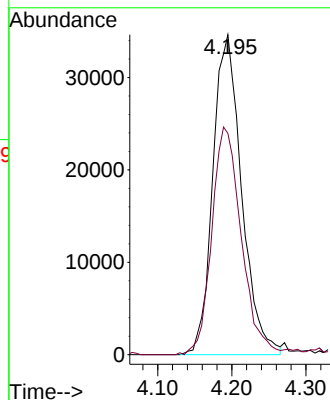
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 93459
Ion Ratio Lower Upper
56 100
55 72.6 59.0 88.4

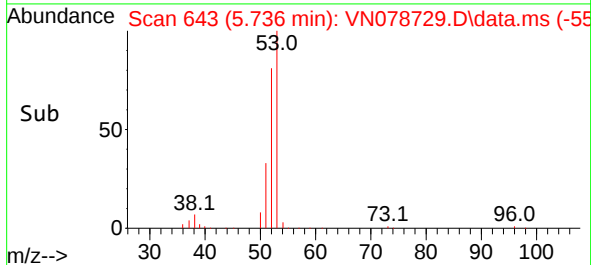
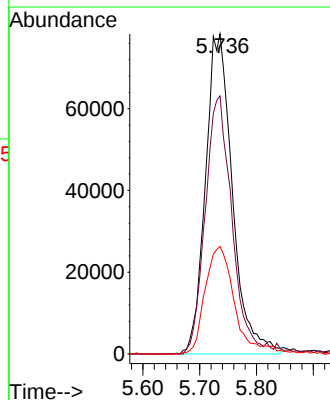
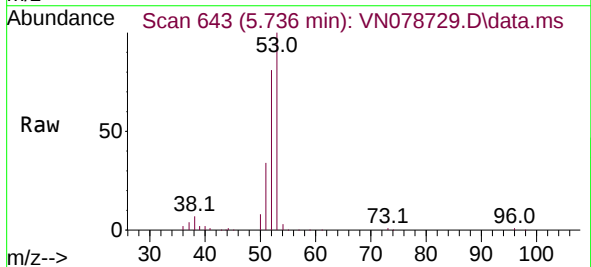
Manual Integrations
APPROVED

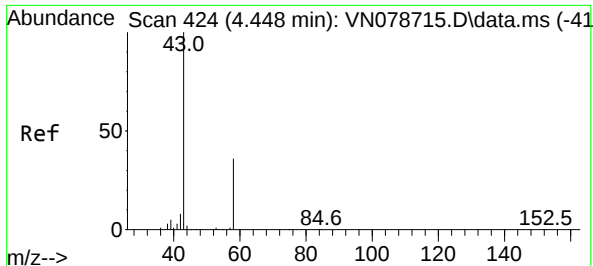
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#14
Acrylonitrile
Concen: 96.534 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

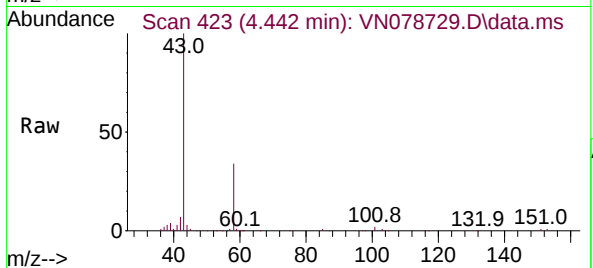
Tgt Ion: 53 Resp: 258446
Ion Ratio Lower Upper
53 100
52 79.0 42.3 126.9
51 35.1 18.4 55.4





#15
Acetone
Concen: 124.213 ug/l
RT: 4.442 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

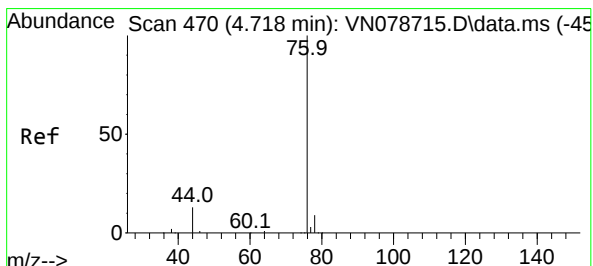
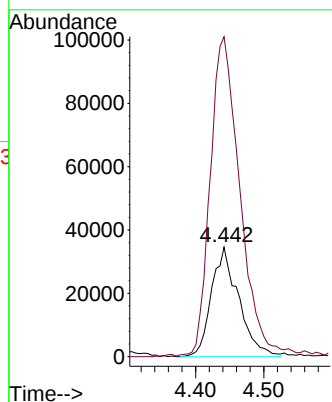
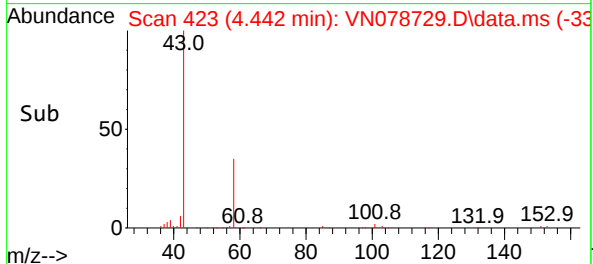
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 9635
Ion Ratio Lower Upper
58 100
43 290.7 227.5 341.3

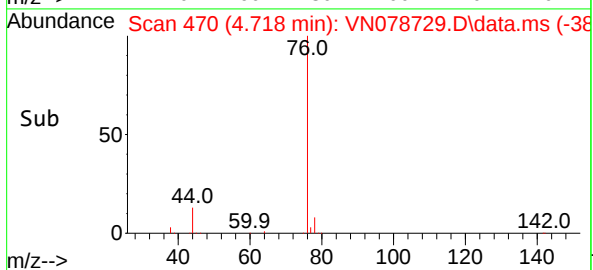
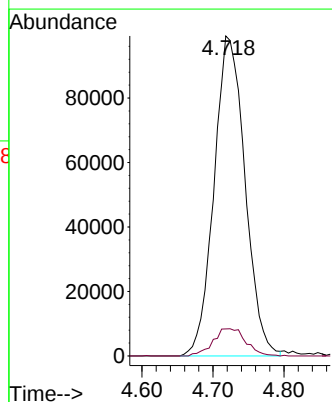
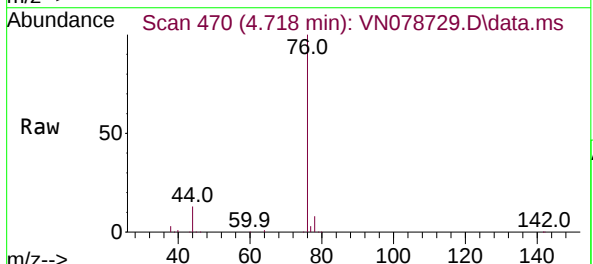
Manual Integrations
APPROVED

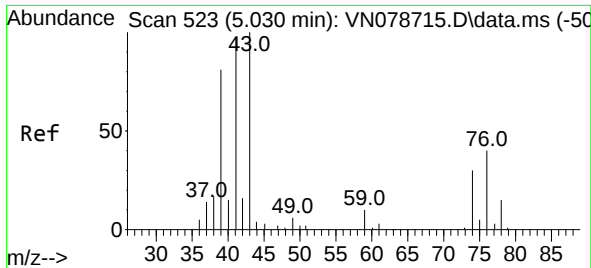
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#16
Carbon Disulfide
Concen: 18.875 ug/l
RT: 4.718 min Scan# 470
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

Tgt Ion: 76 Resp: 300545
Ion Ratio Lower Upper
76 100
78 8.5 7.7 11.5





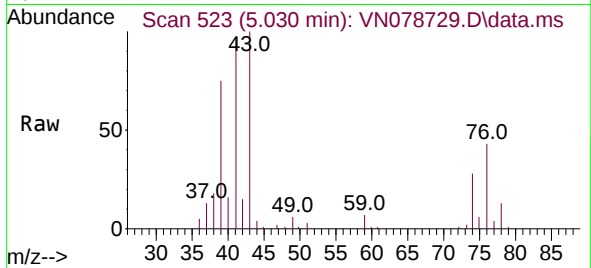
#17
 Allyl chloride
 Concen: 20.247 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN078729.D
 Acq: 02 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

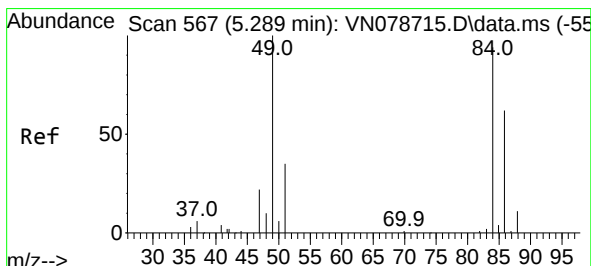
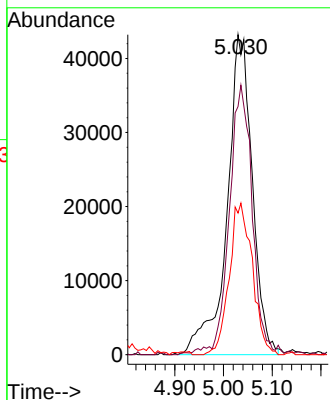
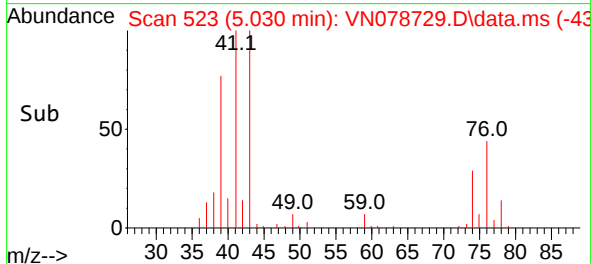


Tgt Ion: 41 Resp: 155829
 Ion Ratio Lower Upper
 41 100
 39 77.6 37.6 112.8
 76 44.3 23.8 71.4

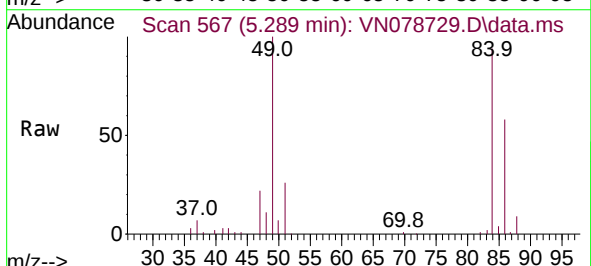
Manual Integrations

APPROVED

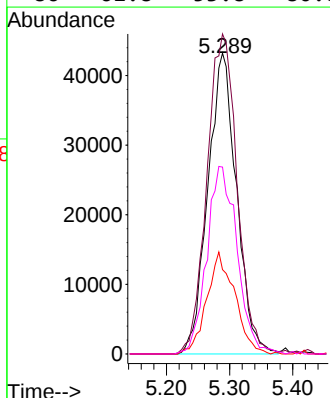
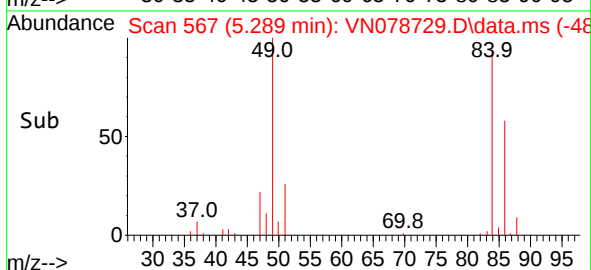
Reviewed By :John Carlone 08/03/2023
 Supervised By :Semsettin Yesilyurt 08/03/2023

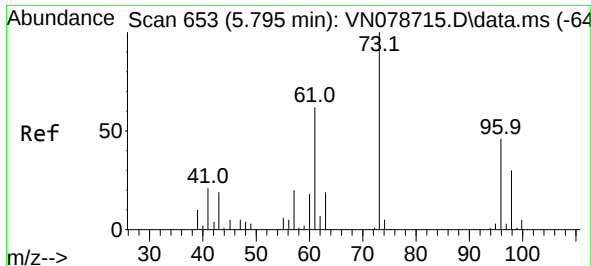


#18
 Methylene Chloride
 Concen: 20.158 ug/l
 RT: 5.289 min Scan# 567
 Delta R.T. -0.000 min
 Lab File: VN078729.D
 Acq: 02 Aug 2023 12:23



Tgt Ion: 84 Resp: 136325
 Ion Ratio Lower Upper
 84 100
 49 106.0 88.1 132.1
 51 28.0 24.0 36.0
 86 61.8 53.8 80.8





#19

trans-1,2-Dichloroethene

Concen: 18.465 ug/l

RT: 5.794 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN078729.D

Acq: 02 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 96 Resp: 120338

Ion Ratio Lower Upper

96 100

61 138.9 105.2 157.8

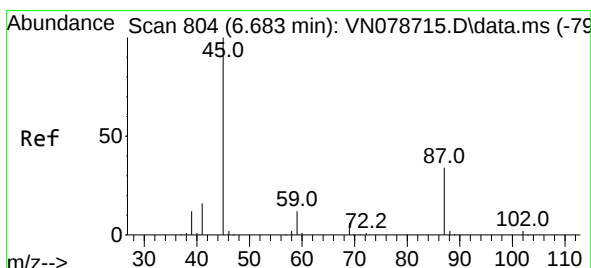
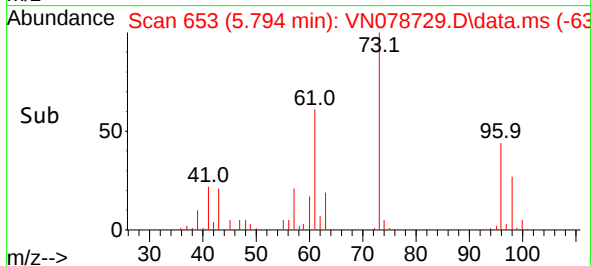
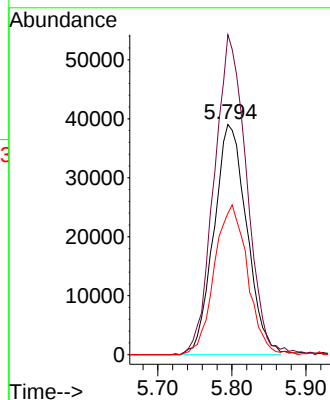
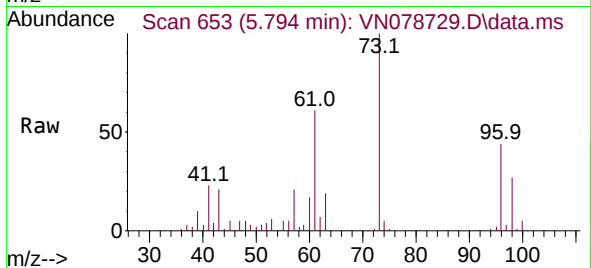
98 61.4 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#20

Diisopropyl ether

Concen: 20.060 ug/l

RT: 6.683 min Scan# 804

Delta R.T. -0.000 min

Lab File: VN078729.D

Acq: 02 Aug 2023 12:23

Tgt Ion: 45 Resp: 347629

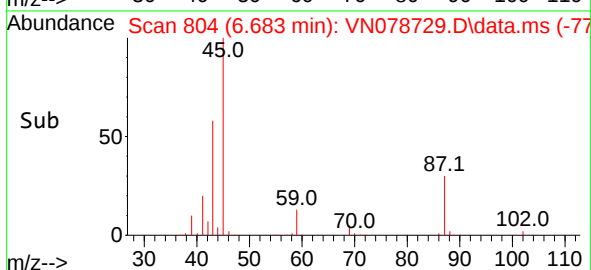
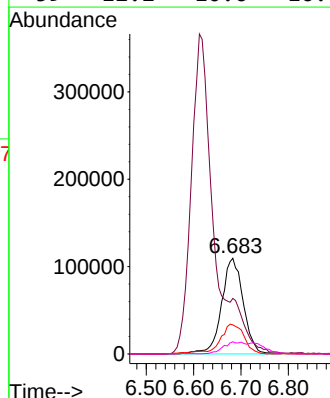
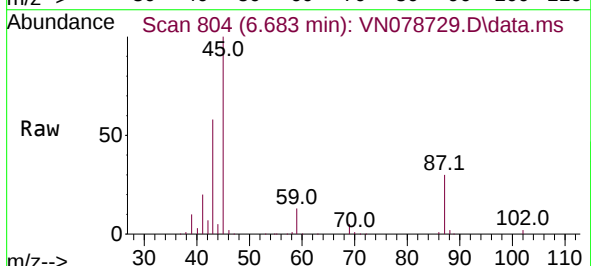
Ion Ratio Lower Upper

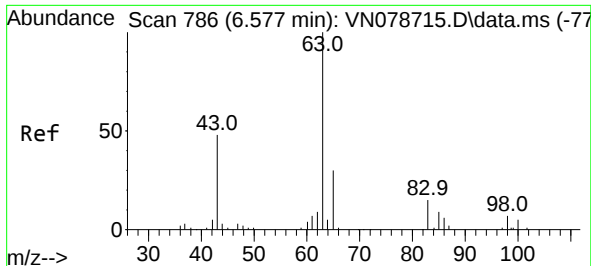
45 100

43 56.8 43.6 65.4

87 30.5 25.8 38.6

59 12.2 10.6 16.0





#21

1,1-Dichloroethane

Concen: 19.852 ug/l

RT: 6.571 min Scan# 786

Delta R.T. -0.006 min

Lab File: VN078729.D

Acq: 02 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 22779

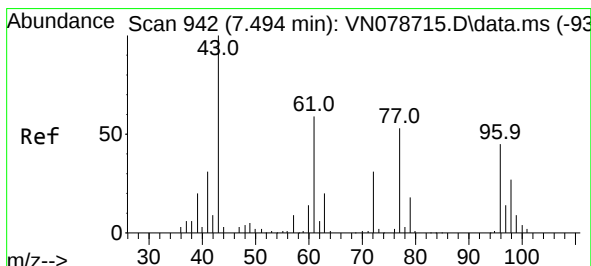
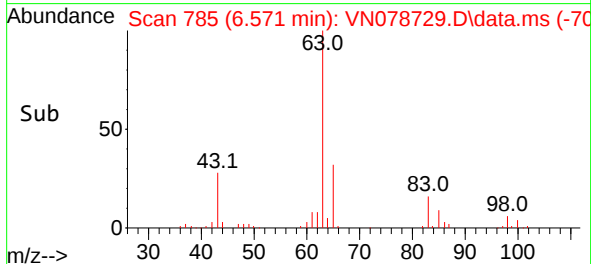
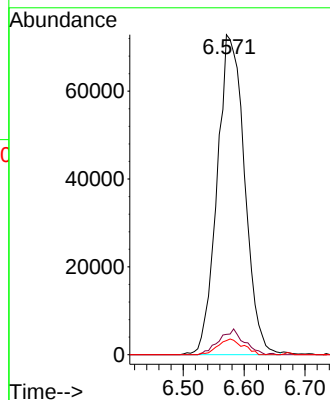
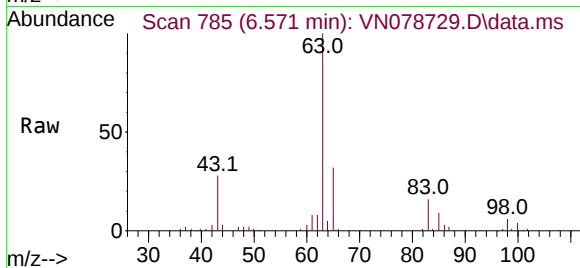
Ion	Ratio	Lower	Upper
63	100		
98	6.4	2.7	8.1
100	4.4	2.5	7.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#22

cis-1,2-Dichloroethene

Concen: 19.996 ug/l

RT: 7.494 min Scan# 942

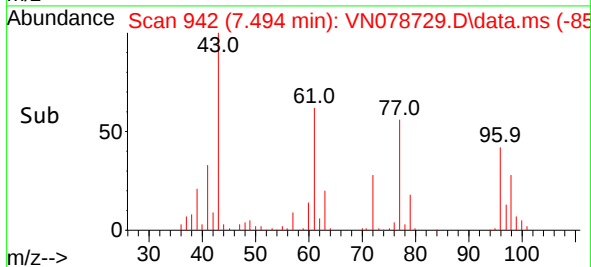
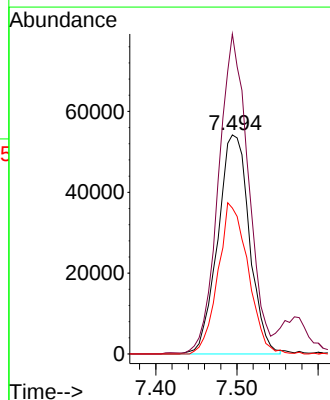
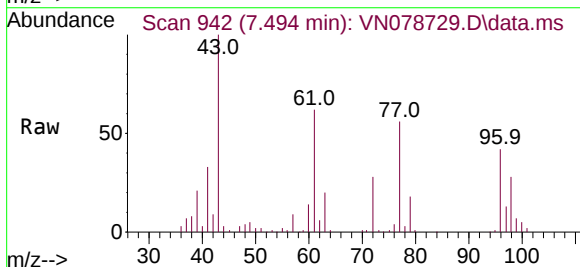
Delta R.T. -0.000 min

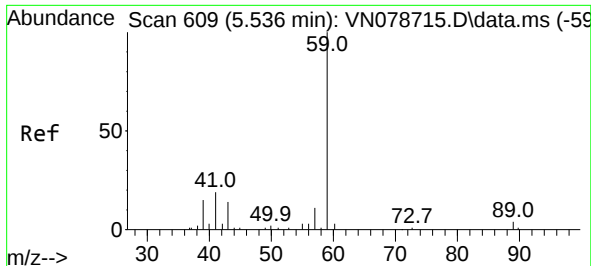
Lab File: VN078729.D

Acq: 02 Aug 2023 12:23

Tgt Ion: 96 Resp: 146356

Ion	Ratio	Lower	Upper
96	100		
61	137.7	113.8	170.6
98	65.7	52.2	78.4





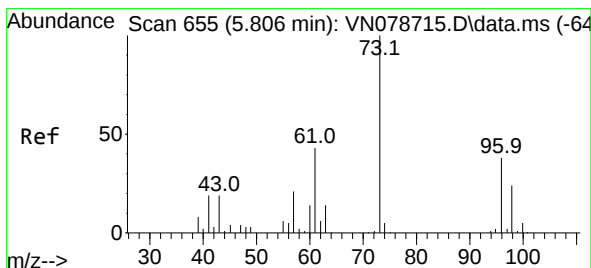
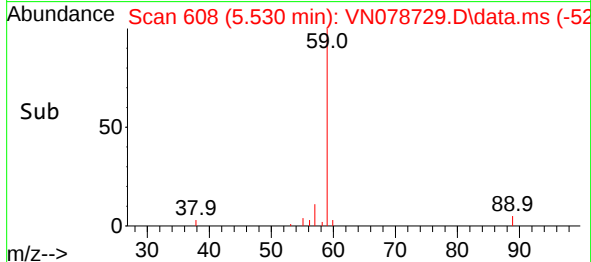
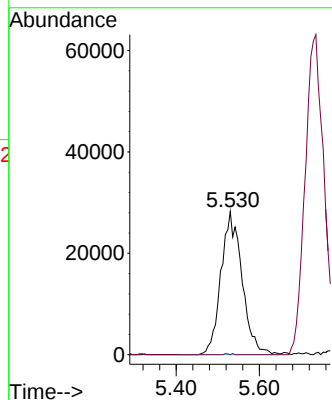
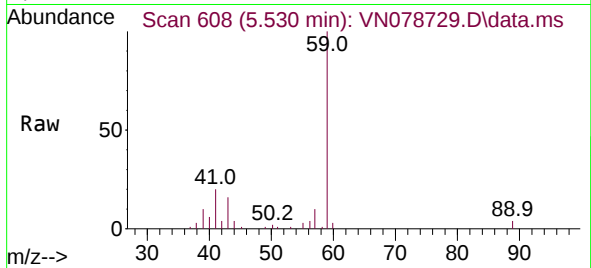
#23
tert-Butyl Alcohol
Concen: 90.544 ug/l m
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 99050
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1

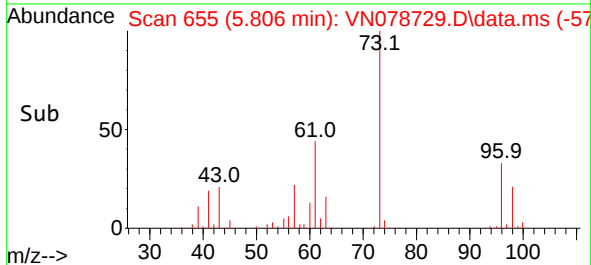
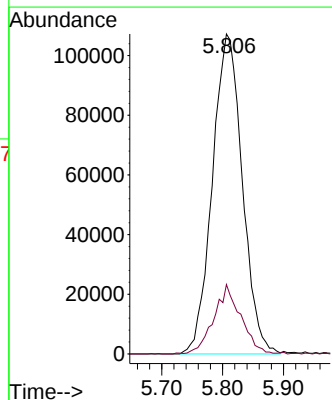
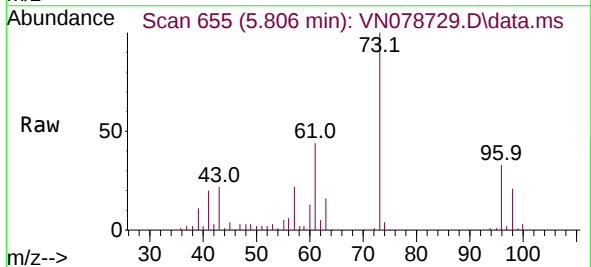
Manual Integrations
APPROVED

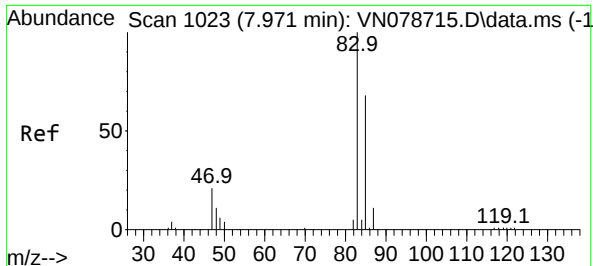
Reviewed By :John Carbone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#24
Methyl tert-Butyl Ether
Concen: 19.340 ug/l
RT: 5.806 min Scan# 655
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

Tgt Ion: 73 Resp: 366583
Ion Ratio Lower Upper
73 100
43 19.5 14.5 21.7





#25

Chloroform

Concen: 20.250 ug/l

RT: 7.977 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN078729.D

Acq: 02 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 24600

Ion Ratio Lower Upper

83 100

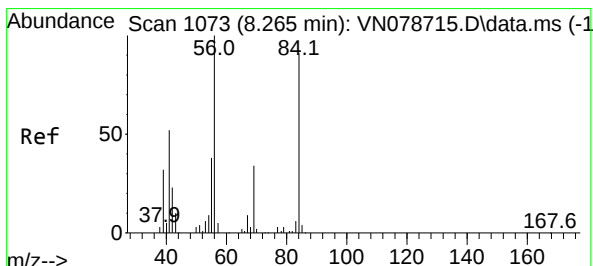
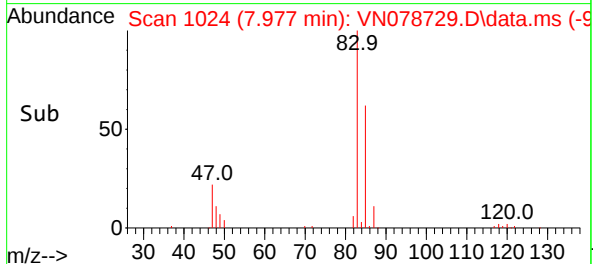
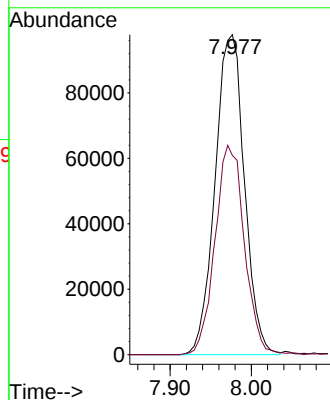
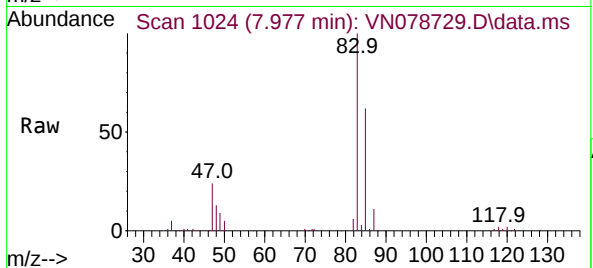
85 62.3 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#26

Cyclohexane

Concen: 20.480 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078729.D

Acq: 02 Aug 2023 12:23

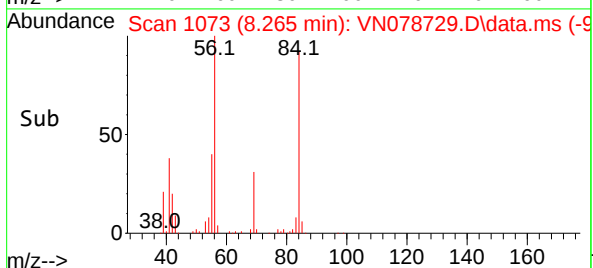
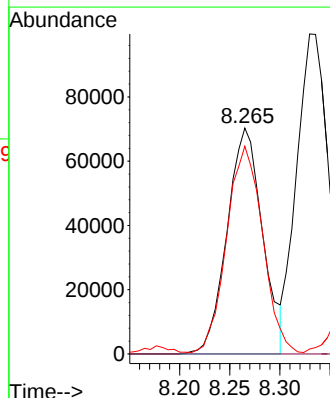
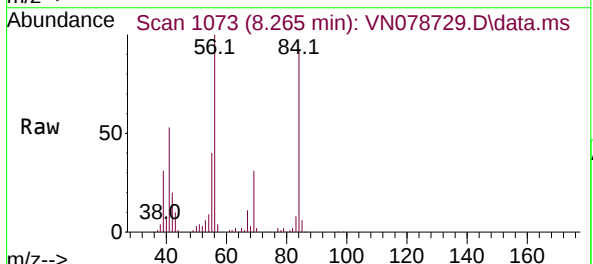
Tgt Ion: 56 Resp: 173110

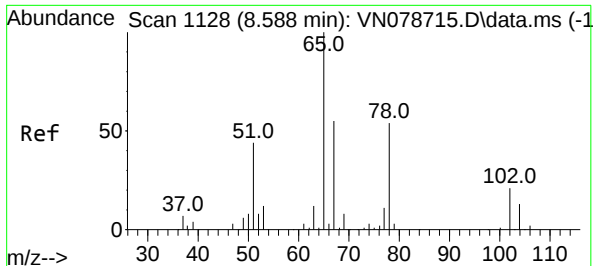
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 93.8 74.2 111.4





#27

1,2-Dichloroethane-d4

Concen: 29.819 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN078729.D

Acq: 02 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 226154

Ion Ratio Lower Upper

65 100

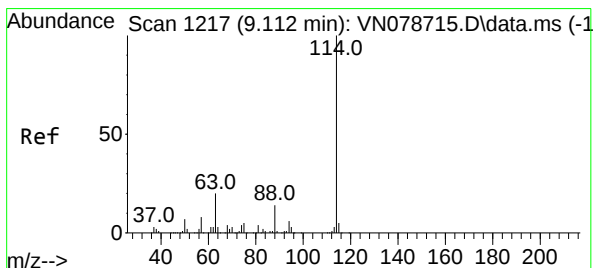
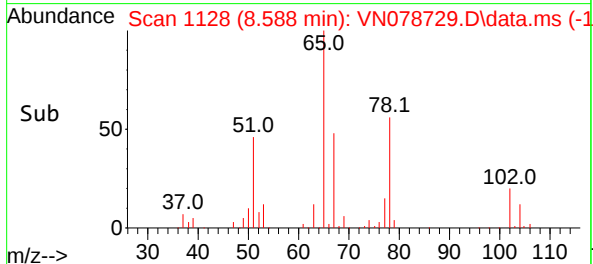
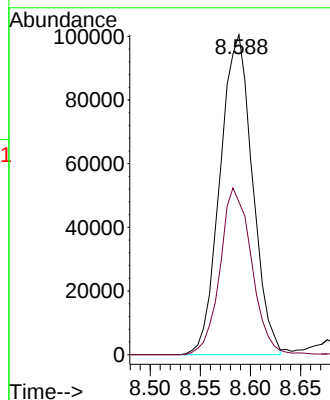
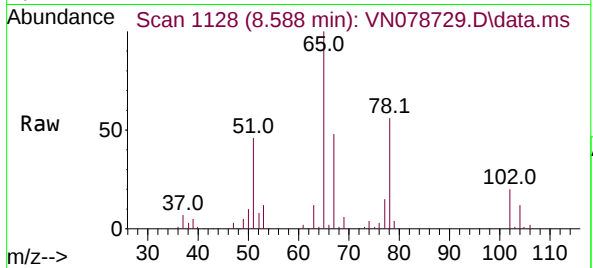
67 50.6 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VN078729.D

Acq: 02 Aug 2023 12:23

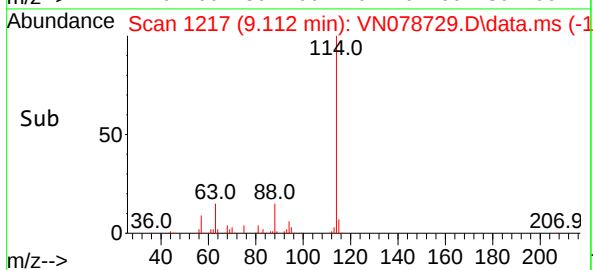
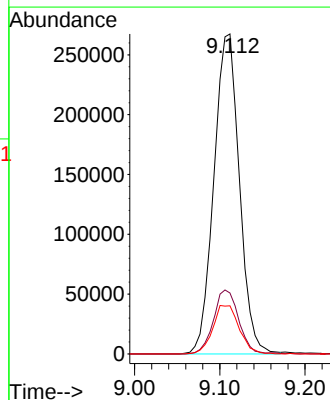
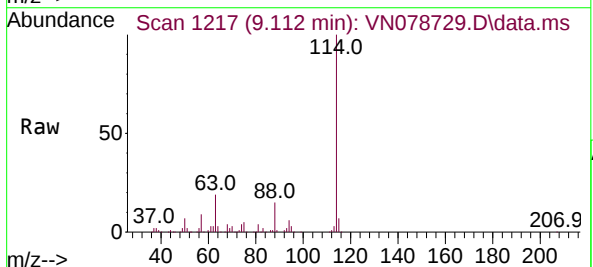
Tgt Ion:114 Resp: 556841

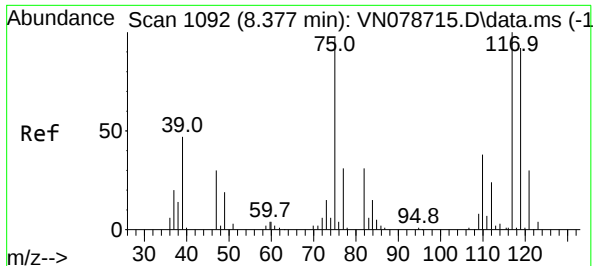
Ion Ratio Lower Upper

114 100

63 19.6 15.2 22.8

88 15.7 12.5 18.7





#29
1,1-Dichloropropene
Concen: 22.525 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

Instrument :

MSVOA_N

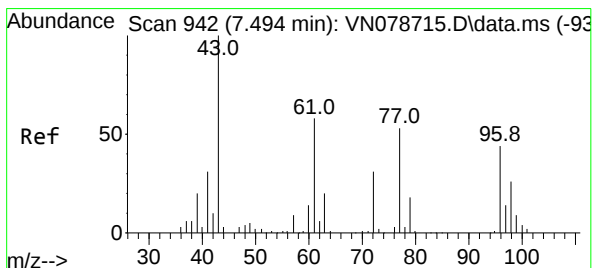
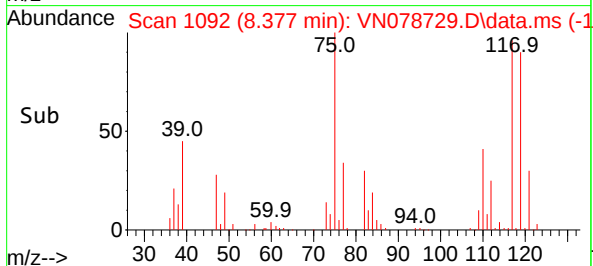
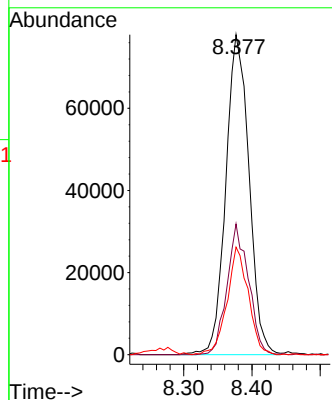
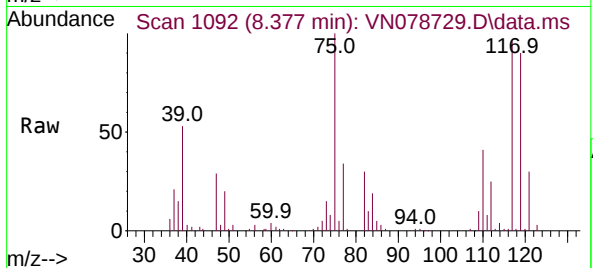
ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 18455
Ion Ratio Lower Upper
75 100
110 37.8 0.0 72.2
77 30.8 0.0 62.8

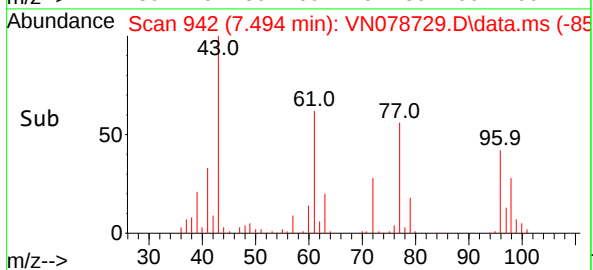
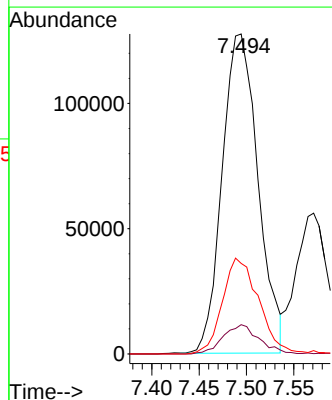
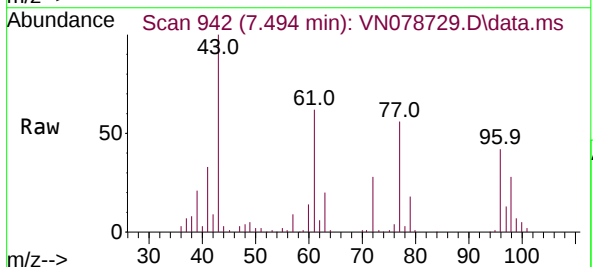
Manual Integrations
APPROVED

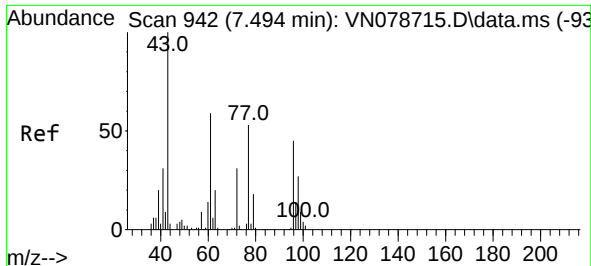
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#30
2-Butanone
Concen: 103.764 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

Tgt Ion: 43 Resp: 336089
Ion Ratio Lower Upper
43 100
57 9.2 6.8 10.2
72 30.3 23.8 35.6





#31

2,2-Dichloropropane

Concen: 21.869 ug/l

RT: 7.500 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN078729.D

Acq: 02 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 77 Resp: 205610

Ion Ratio Lower Upper

77 100

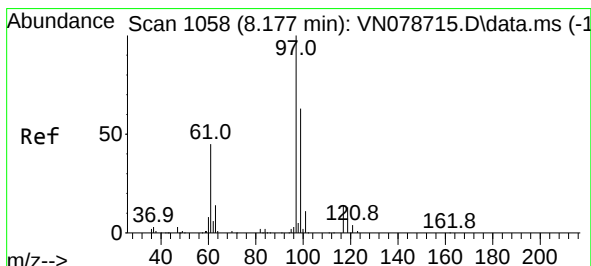
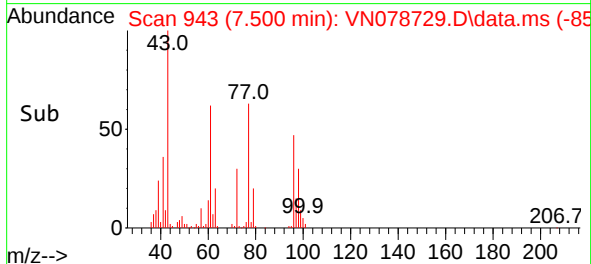
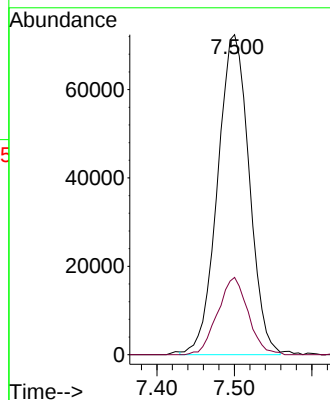
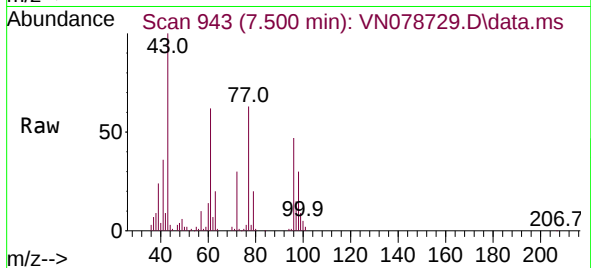
97 23.2 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#32

1,1,1-Trichloroethane

Concen: 21.618 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078729.D

Acq: 02 Aug 2023 12:23

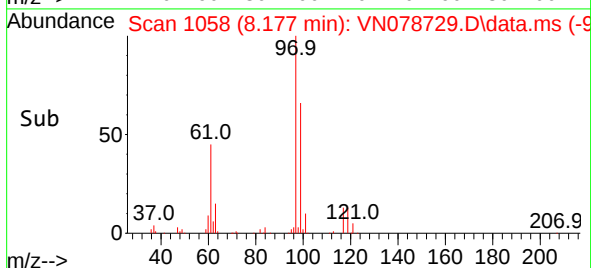
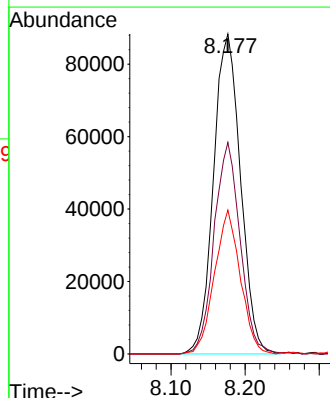
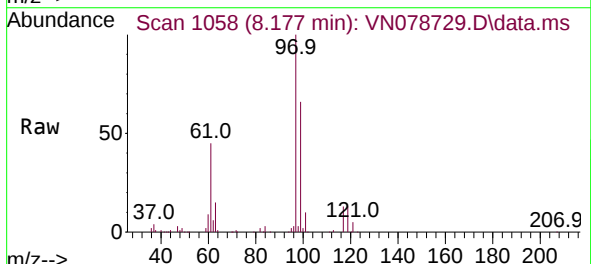
Tgt Ion: 97 Resp: 224104

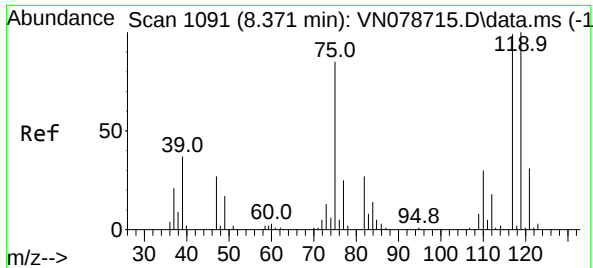
Ion Ratio Lower Upper

97 100

99 63.7 51.3 76.9

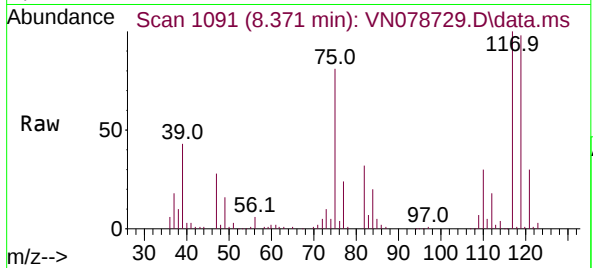
61 43.0 34.6 52.0





#33
Carbon Tetrachloride
Concen: 22.179 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

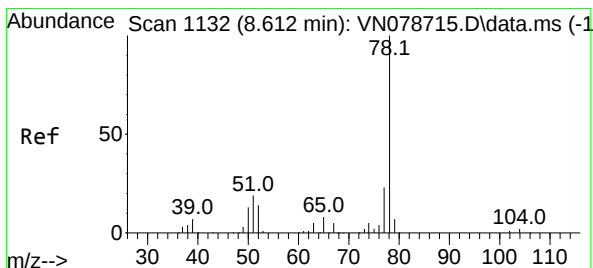
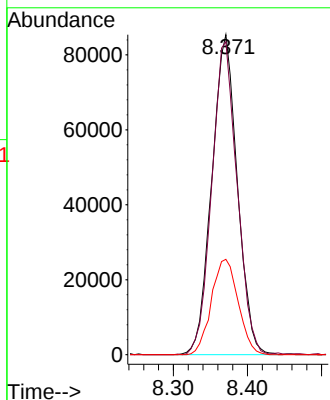
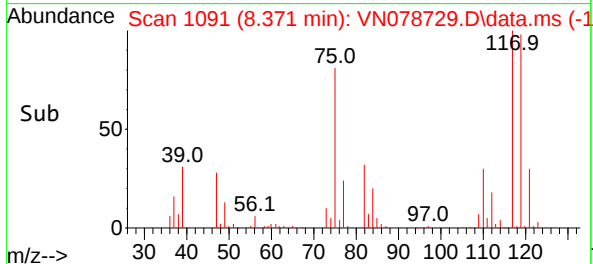
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:117 Resp: 204210
Ion Ratio Lower Upper
117 100
119 97.6 81.4 122.0
121 29.8 23.6 35.4

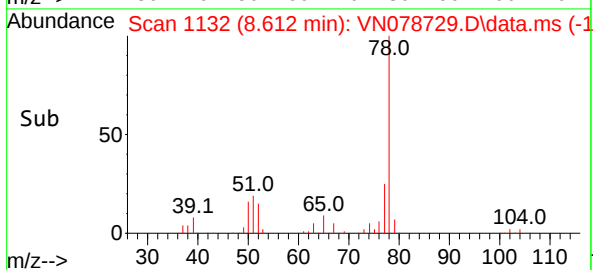
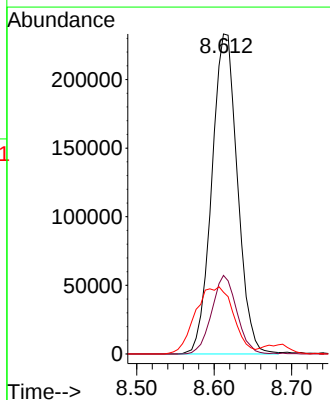
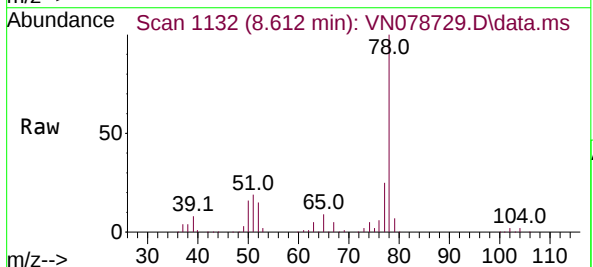
Manual Integrations
APPROVED

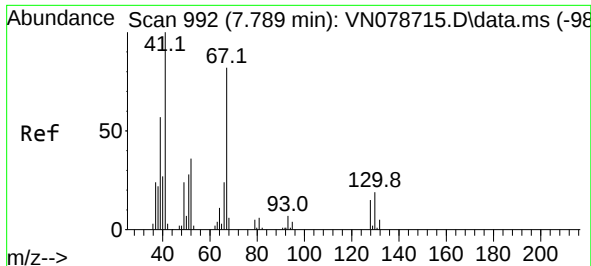
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#34
Benzene
Concen: 21.791 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

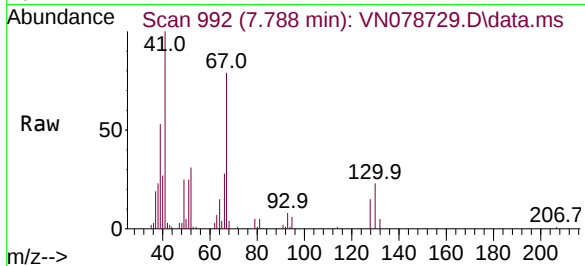
Tgt Ion: 78 Resp: 536328
Ion Ratio Lower Upper
78 100
77 24.6 18.3 27.5
51 17.9 13.7 20.5





#35
Methacrylonitrile
Concen: 19.523 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

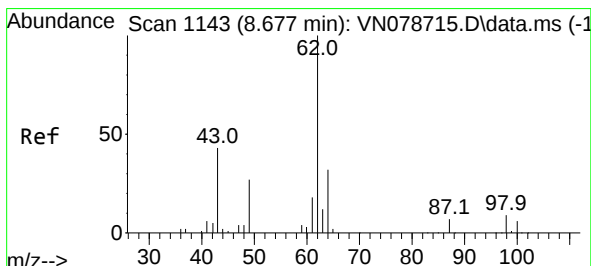
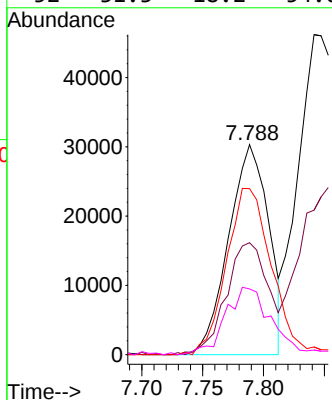
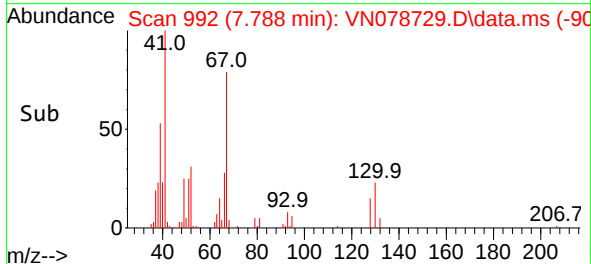
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC020



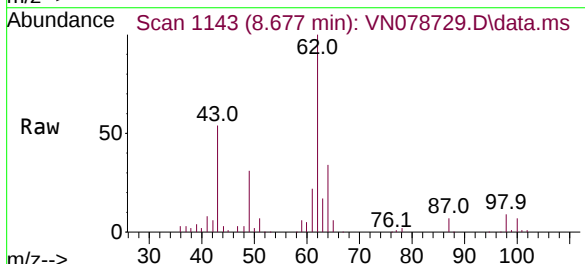
Tgt Ion: 41 Resp: 69440
Ion Ratio Lower Upper
41 100
39 52.4 33.9 101.6
67 79.0 45.9 137.6
52 31.3 18.2 54.6

Manual Integrations
APPROVED

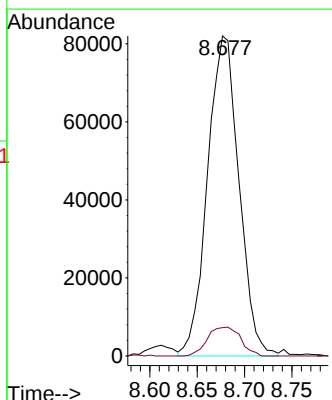
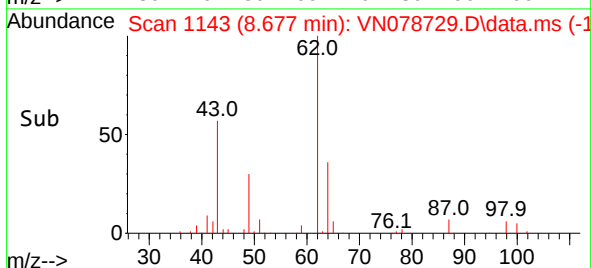
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

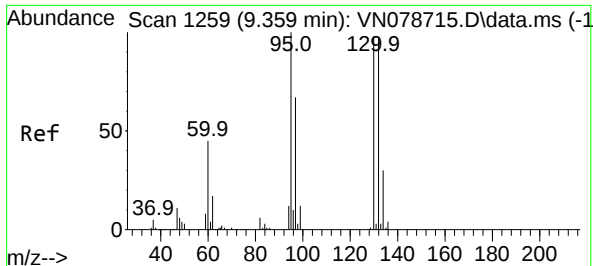


#36
1,2-Dichloroethane
Concen: 21.937 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23



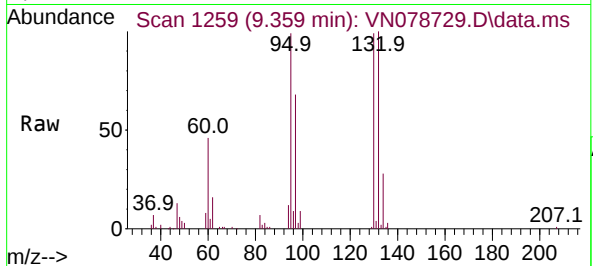
Tgt Ion: 62 Resp: 189625
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.0





#37
Trichloroethene
Concen: 20.739 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

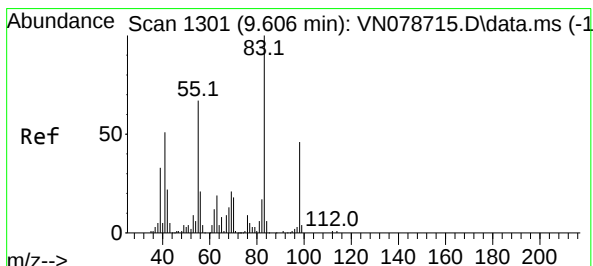
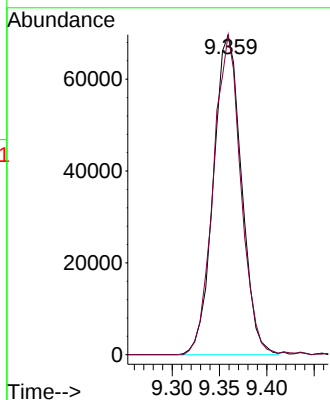
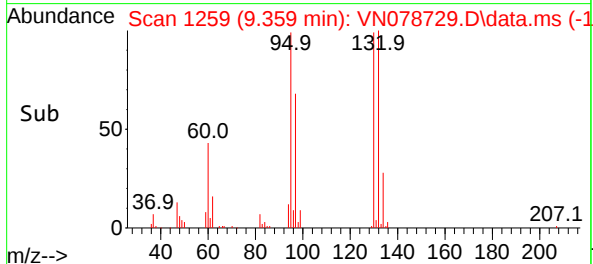
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:130 Resp: 14324
Ion Ratio Lower Upper
130 100
95 100.2 78.2 117.4

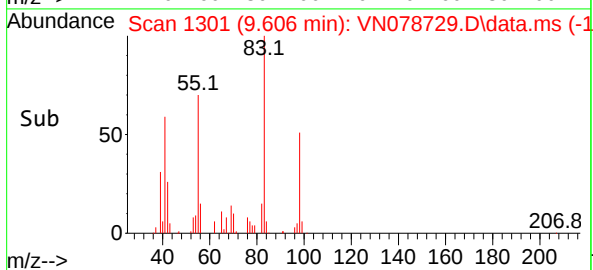
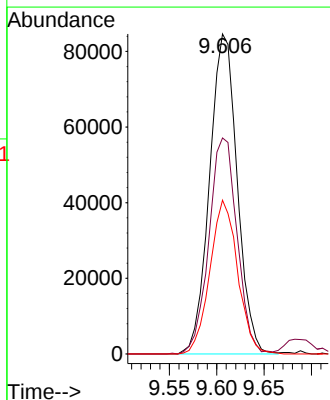
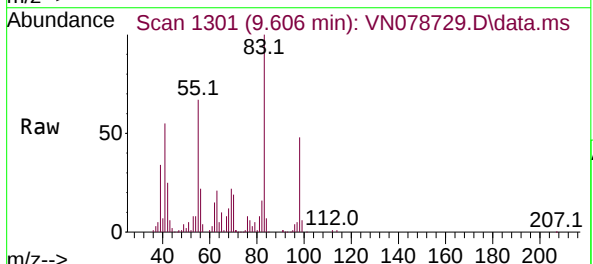
Manual Integrations
APPROVED

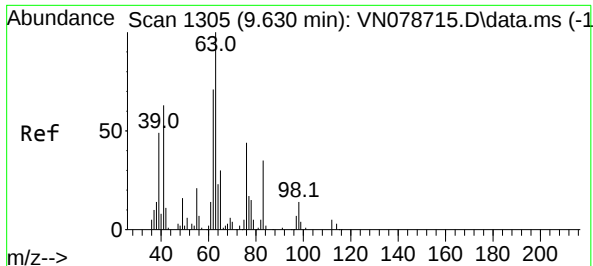
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#38
Methylcyclohexane
Concen: 20.473 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

Tgt Ion: 83 Resp: 172355
Ion Ratio Lower Upper
83 100
55 68.5 34.0 102.0
98 48.1 23.0 69.0





#39

1,2-Dichloropropane

Concen: 20.727 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN078729.D

Acq: 02 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 136758

Ion Ratio Lower Upper

63 100

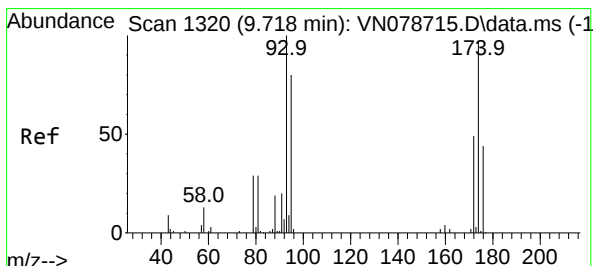
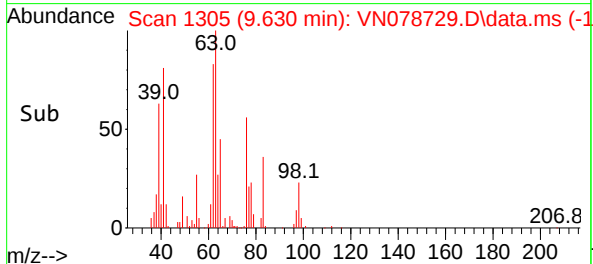
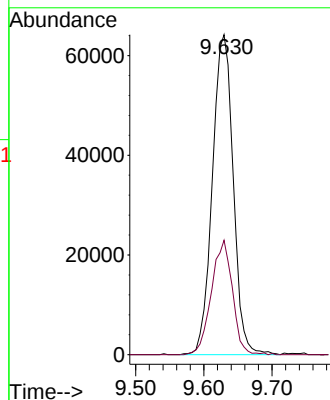
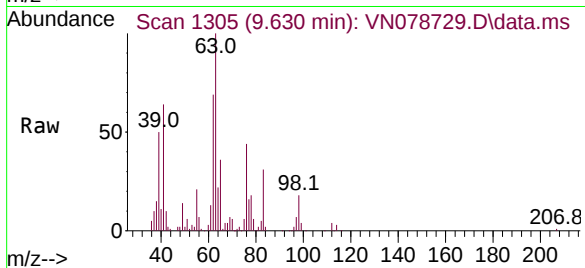
65 35.8 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#40

Dibromomethane

Concen: 21.019 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078729.D

Acq: 02 Aug 2023 12:23

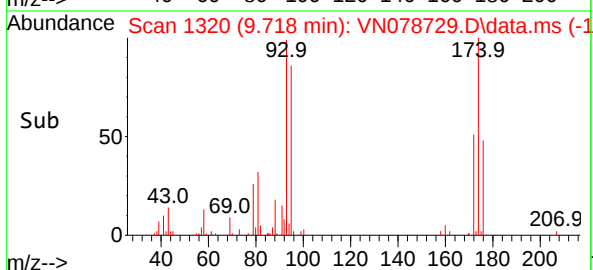
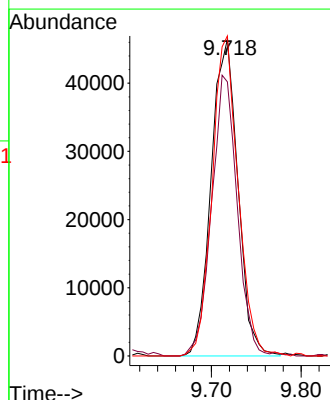
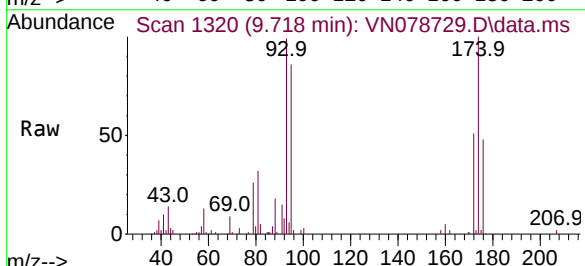
Tgt Ion: 93 Resp: 95985

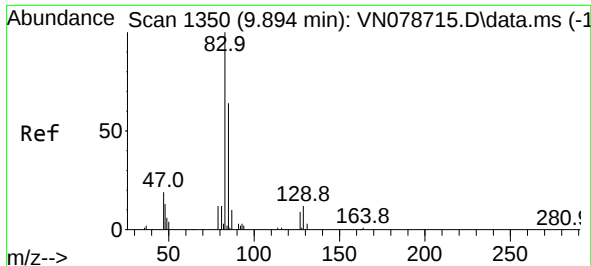
Ion Ratio Lower Upper

93 100

95 84.7 0.0 167.8

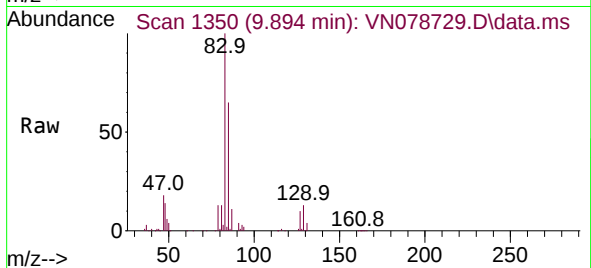
174 97.8 0.0 180.8





#41
Bromodichloromethane
Concen: 21.403 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

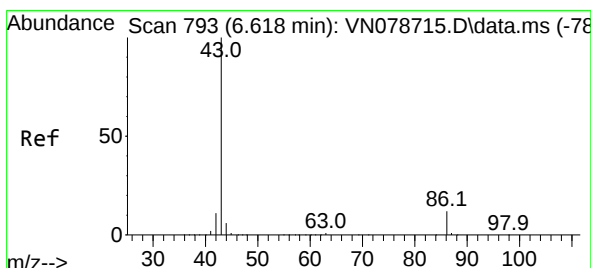
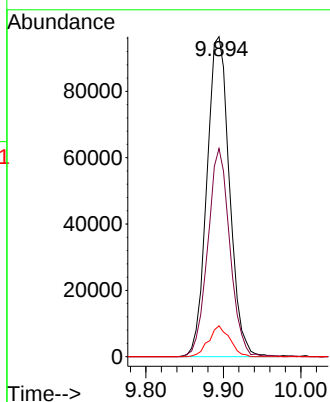
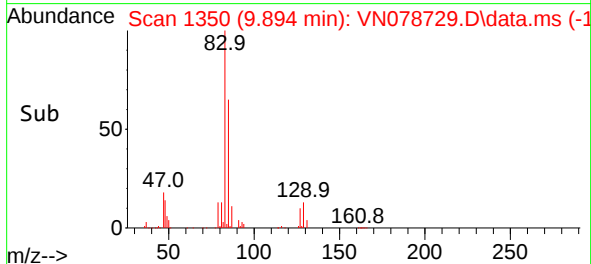
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 195402
Ion Ratio Lower Upper
83 100
85 65.1 54.1 81.1
127 9.6 7.8 11.6

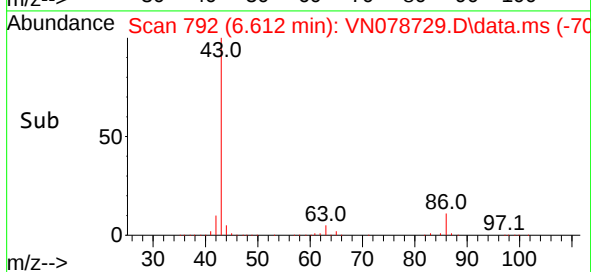
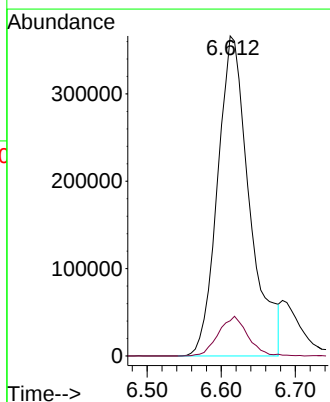
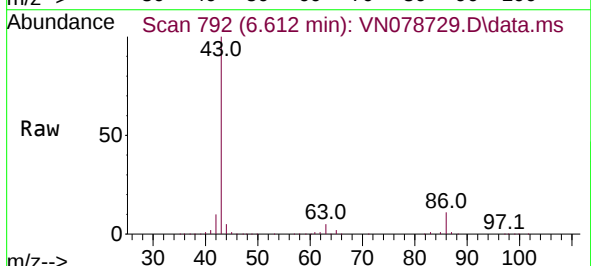
Manual Integrations
APPROVED

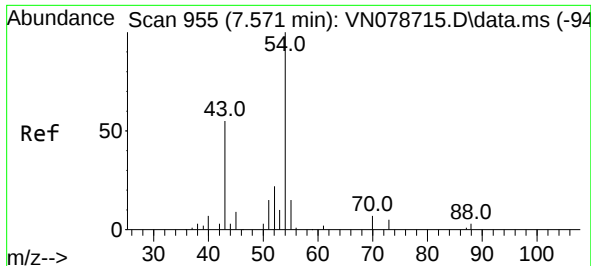
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#42
Vinyl Acetate
Concen: 105.462 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.006 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

Tgt Ion: 43 Resp: 1098207
Ion Ratio Lower Upper
43 100
86 11.2 9.4 14.0





#43

Ethyl Acetate

Concen: 19.440 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN078729.D

Acq: 02 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 130174

Ion Ratio Lower Upper

43 100

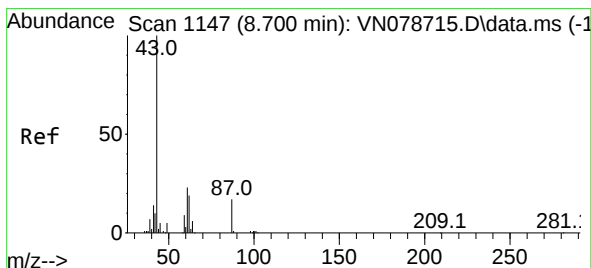
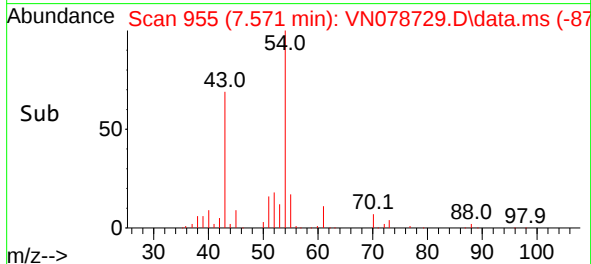
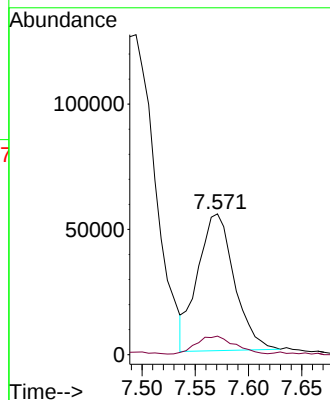
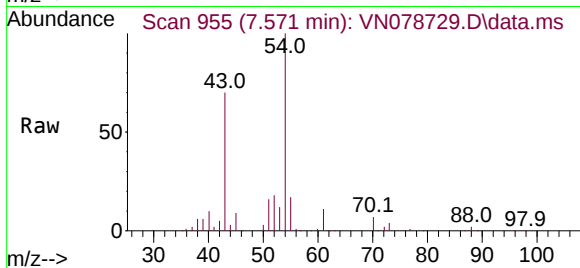
45 14.7 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#44

Isopropyl Acetate

Concen: 20.433 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.006 min

Lab File: VN078729.D

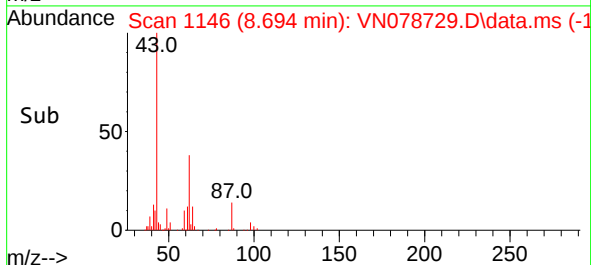
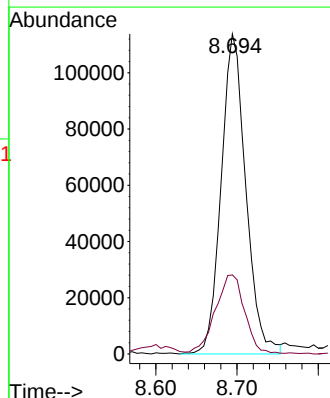
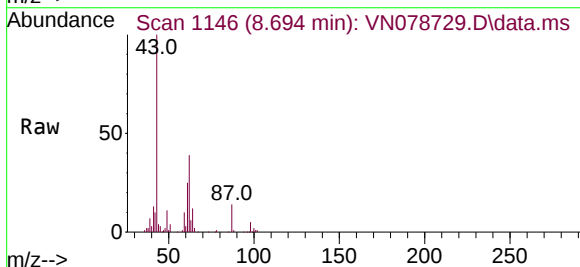
Acq: 02 Aug 2023 12:23

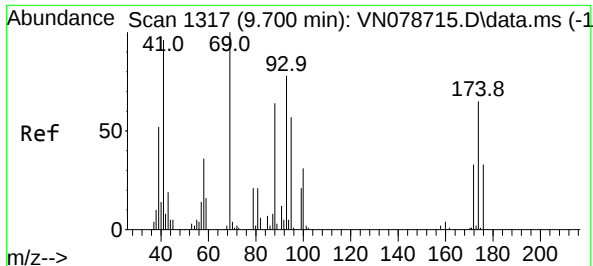
Tgt Ion: 43 Resp: 240055

Ion Ratio Lower Upper

43 100

61 29.6 23.0 34.6





#45

1,4-Dioxane

Concen: 379.745 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN078729.D

Acq: 02 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

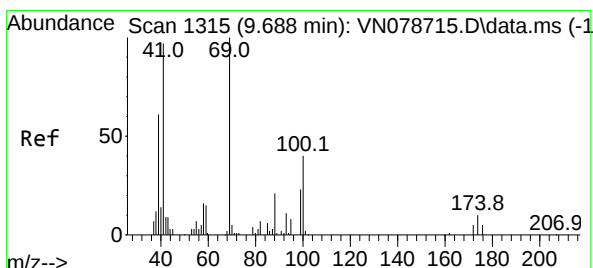
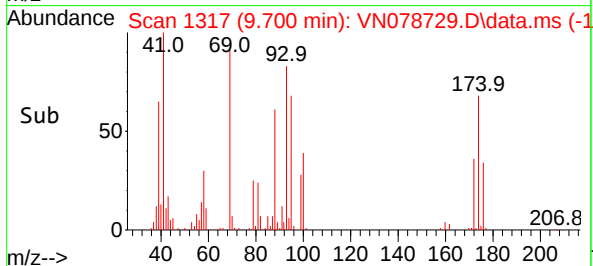
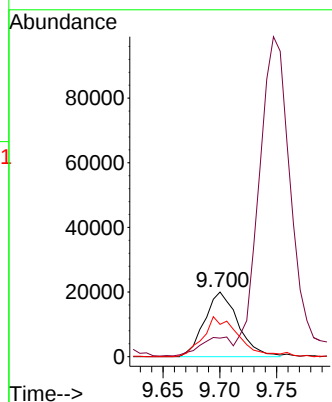
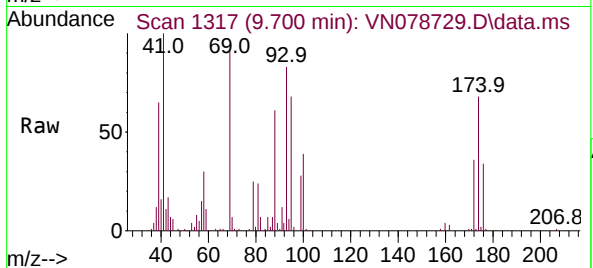
Tgt Ion:	88	Resp:	41039
Ion	Ratio	Lower	Upper
88	100		
43	26.7	19.0	28.6
58	64.4	48.2	72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#46

Methyl methacrylate

Concen: 20.449 ug/l

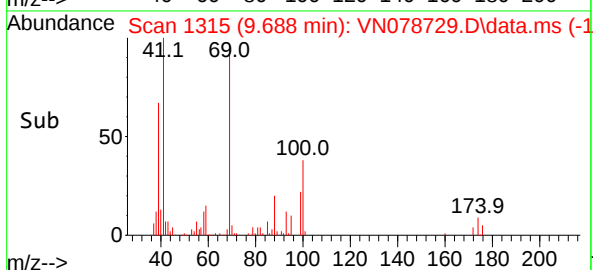
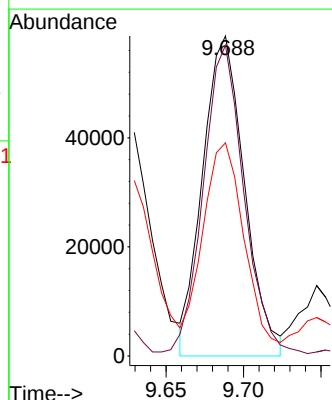
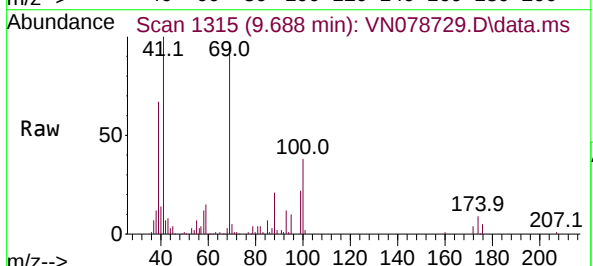
RT: 9.688 min Scan# 1315

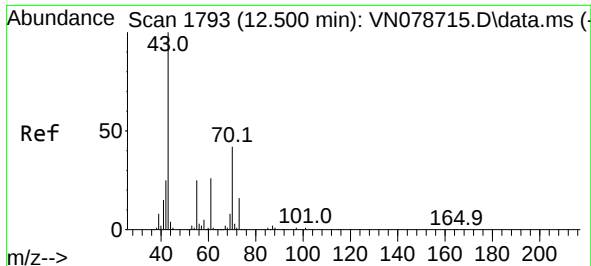
Delta R.T. -0.000 min

Lab File: VN078729.D

Acq: 02 Aug 2023 12:23

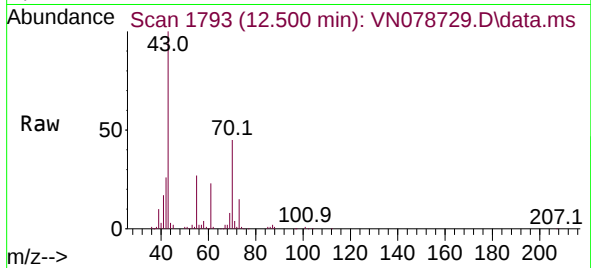
Tgt Ion:	41	Resp:	110015
Ion	Ratio	Lower	Upper
41	100		
69	99.9	49.0	147.0
39	66.5	31.6	94.8





#47
n-amy1 Acetate
Concen: 19.701 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

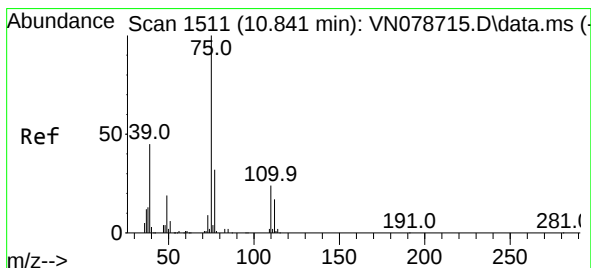
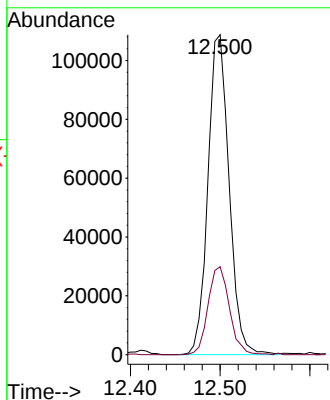
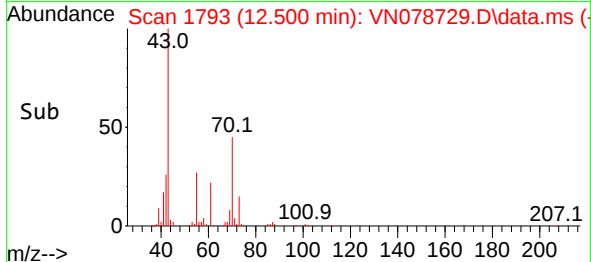
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 17825
Ion Ratio Lower Upper
43 100
55 27.7 21.5 32.3

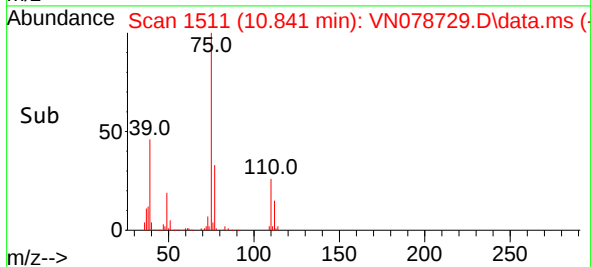
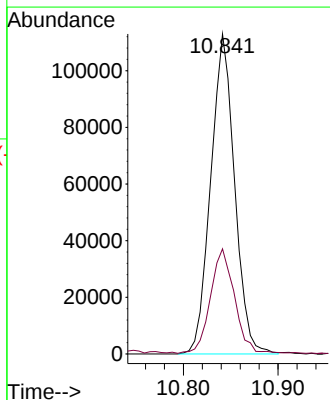
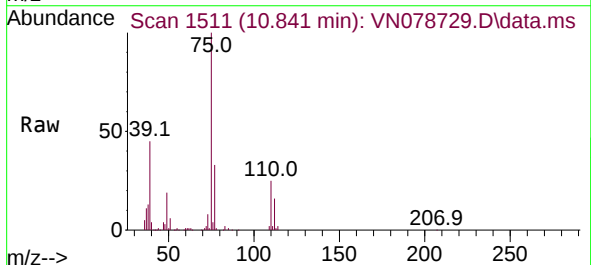
Manual Integrations
APPROVED

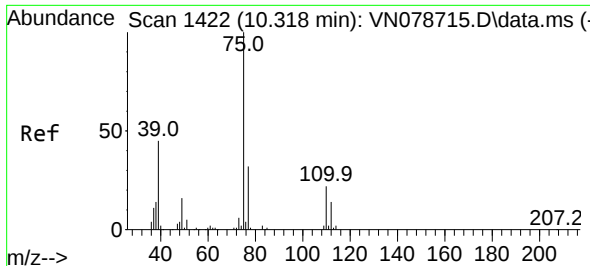
Reviewed By :John Carbone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#48
t-1,3-Dichloropropene
Concen: 20.300 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

Tgt Ion: 75 Resp: 197802
Ion Ratio Lower Upper
75 100
77 32.7 26.1 39.1





#49

cis-1,3-Dichloropropene

Concen: 21.664 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. -0.000 min

Lab File: VN078729.D

Acq: 02 Aug 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

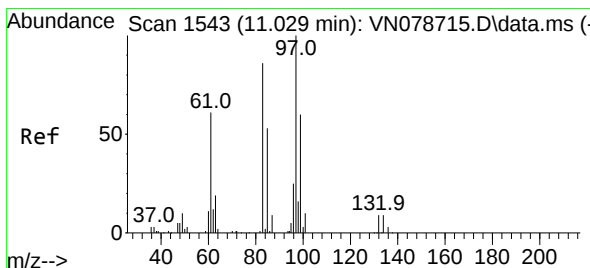
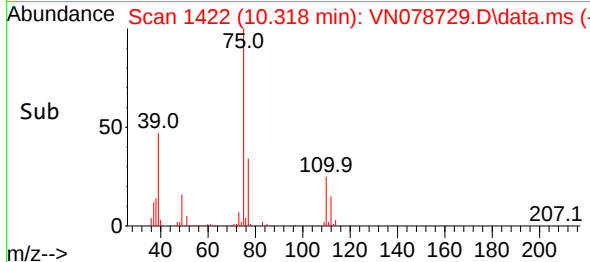
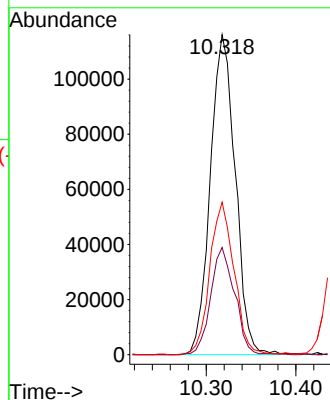
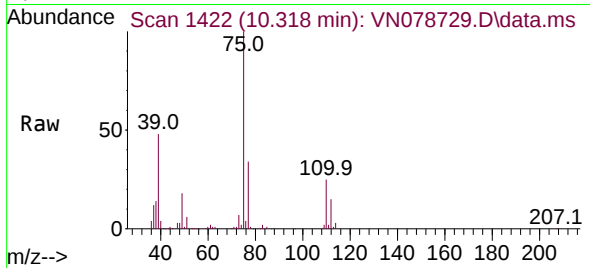
Tgt Ion:	75	Resp:	22420
Ion Ratio	Lower	Upper	
75	100		
77	33.5	24.0	36.0
39	47.5	35.1	52.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#50

1,1,2-Trichloroethane

Concen: 20.486 ug/l

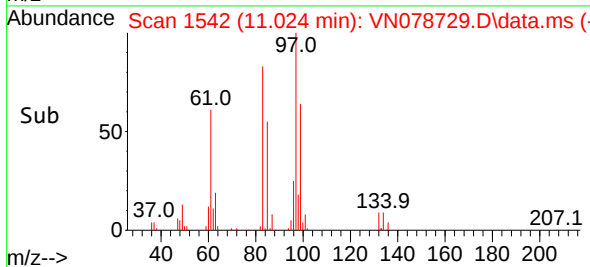
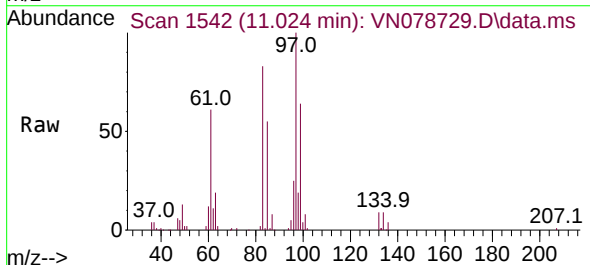
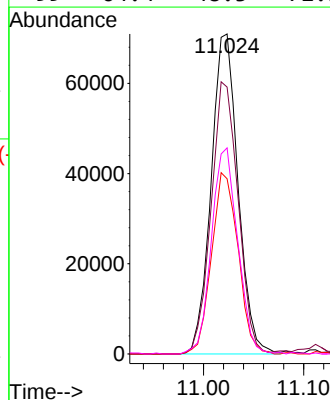
RT: 11.024 min Scan# 1542

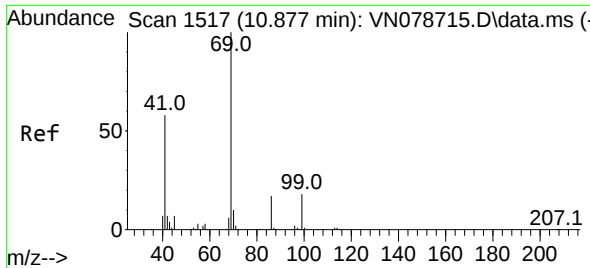
Delta R.T. -0.006 min

Lab File: VN078729.D

Acq: 02 Aug 2023 12:23

Tgt Ion:	97	Resp:	132428
Ion Ratio	Lower	Upper	
97	100		
83	83.4	66.8	100.2
85	54.7	42.5	63.7
99	64.4	48.3	72.5





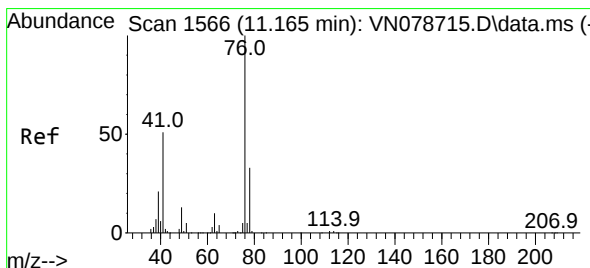
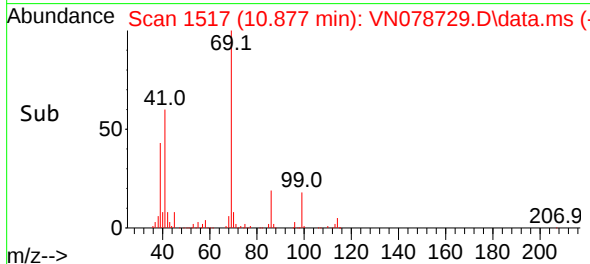
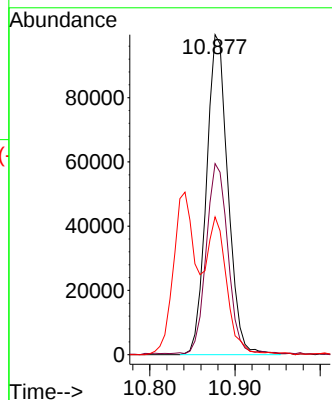
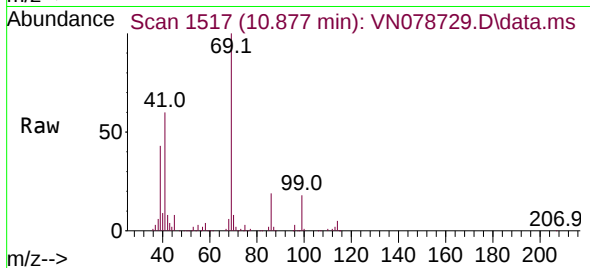
#51
Ethyl methacrylate
Concen: 19.744 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 69 Resp: 174738
Ion Ratio Lower Upper
69 100
41 59.3 26.0 78.0
39 42.5 16.3 48.9

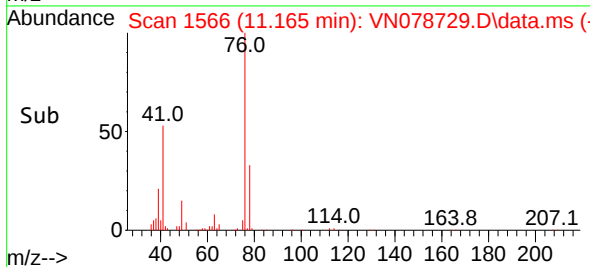
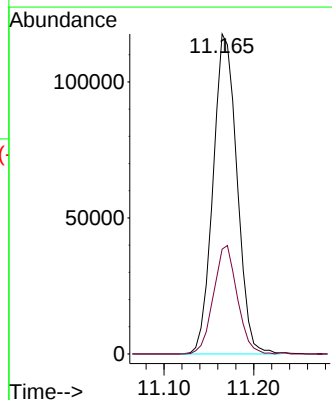
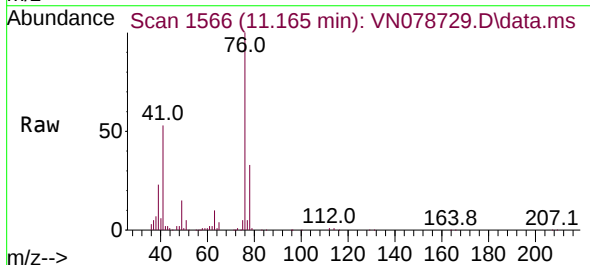
Manual Integrations
APPROVED

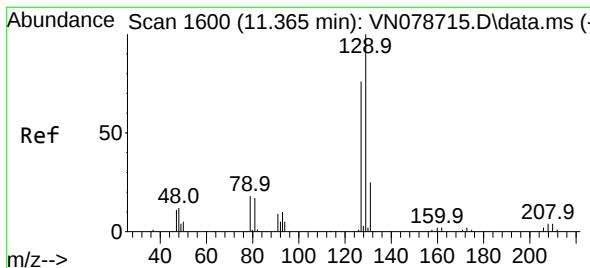
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#52
1,3-Dichloropropane
Concen: 18.789 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

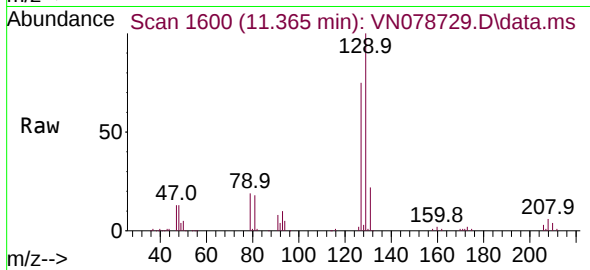
Tgt Ion: 76 Resp: 218306
Ion Ratio Lower Upper
76 100
78 33.6 0.0 66.2





#53
Dibromochloromethane
Concen: 20.685 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

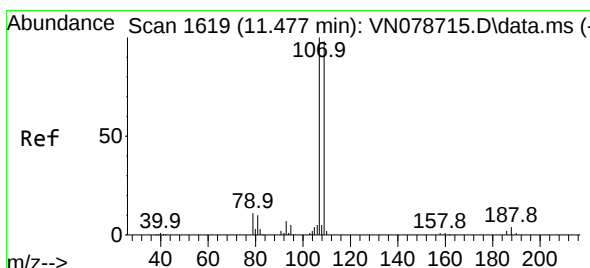
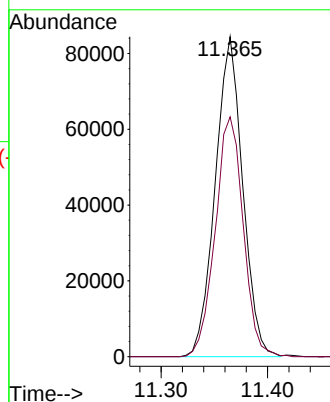
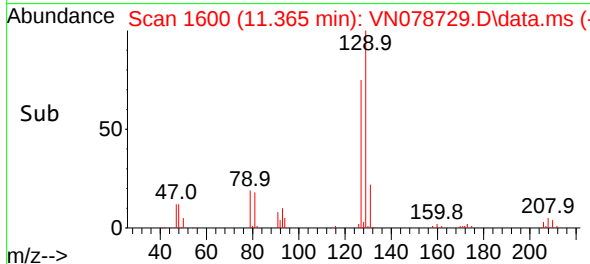
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



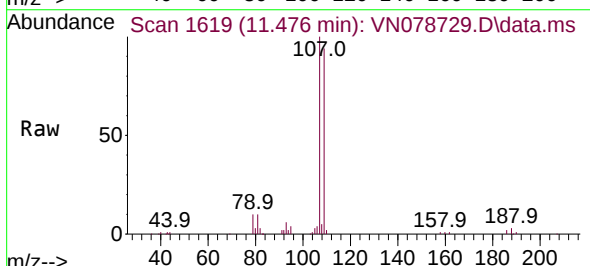
Tgt Ion:129 Resp: 15105
Ion Ratio Lower Upper
129 100
127 76.4 39.4 118.1

Manual Integrations
APPROVED

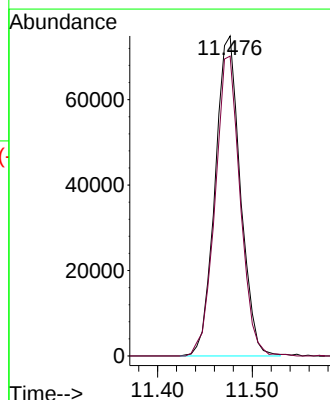
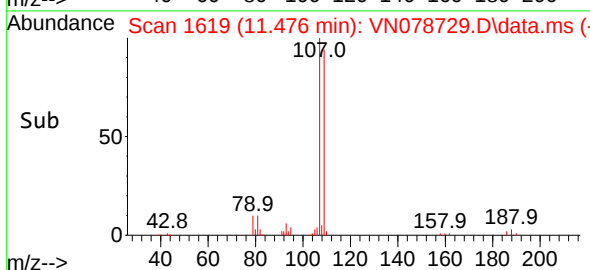
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

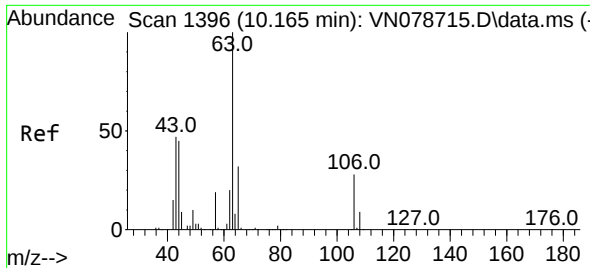


#54
1,2-Dibromoethane
Concen: 21.435 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23



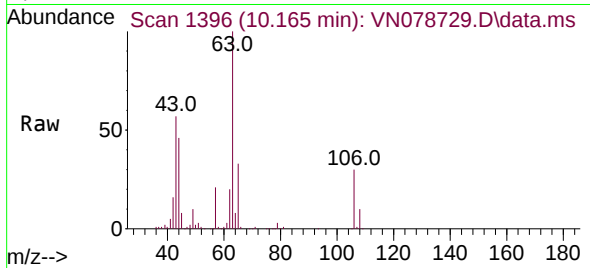
Tgt Ion:107 Resp: 139139
Ion Ratio Lower Upper
107 100
109 92.4 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 107.759 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

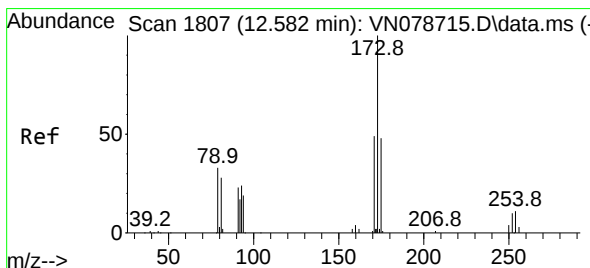
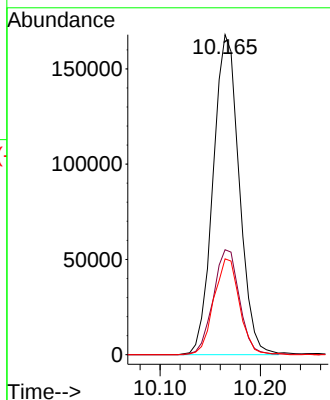
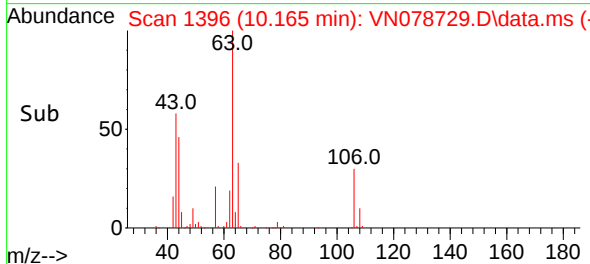
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



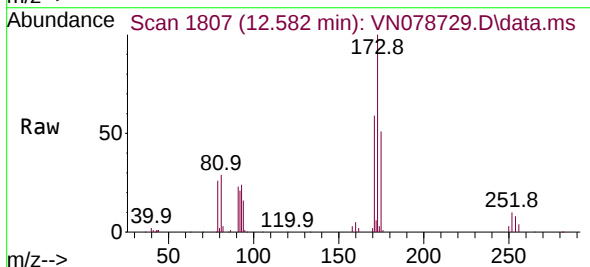
Tgt Ion: 63 Resp: 30389
Ion Ratio Lower Upper
63 100
65 32.8 26.3 39.5
106 29.5 23.8 35.6

Manual Integrations
APPROVED

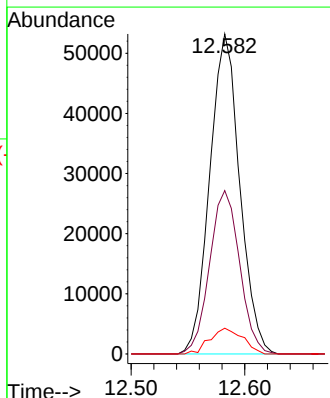
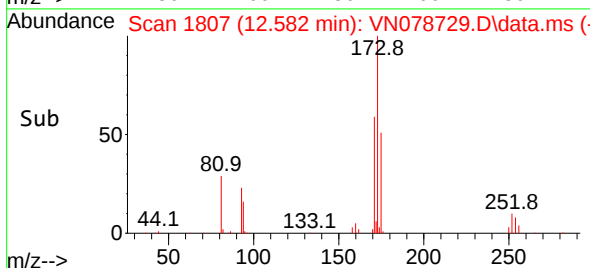
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

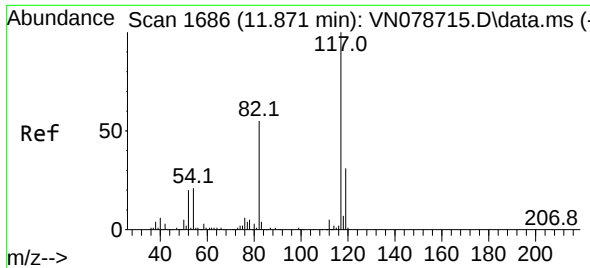


#56
Bromoform
Concen: 20.418 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23



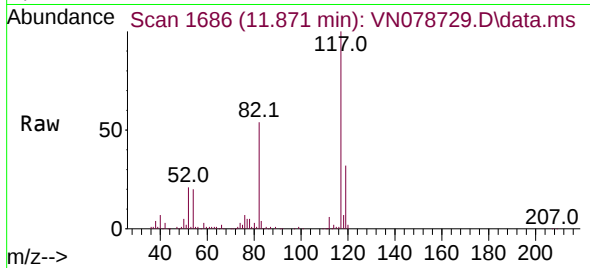
Tgt Ion:173 Resp: 97562
Ion Ratio Lower Upper
173 100
175 51.1 40.7 61.1
254 8.6 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

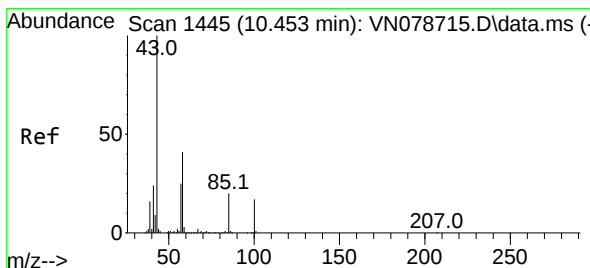
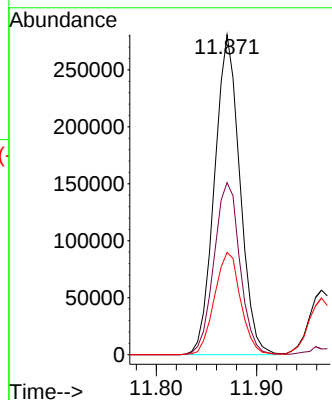
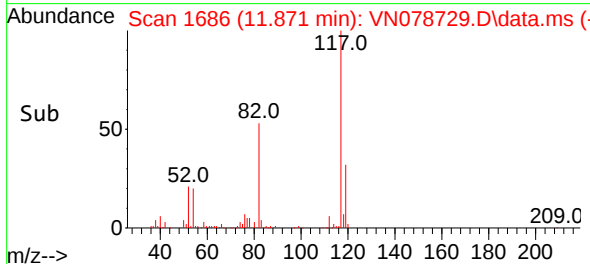
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



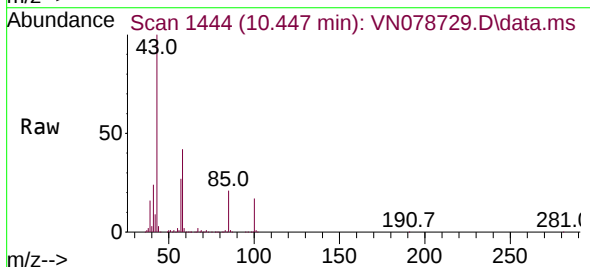
Tgt Ion:117 Resp: 49390
Ion Ratio Lower Upper
117 100
82 55.1 43.9 65.9
119 33.0 26.2 39.4

Manual Integrations
APPROVED

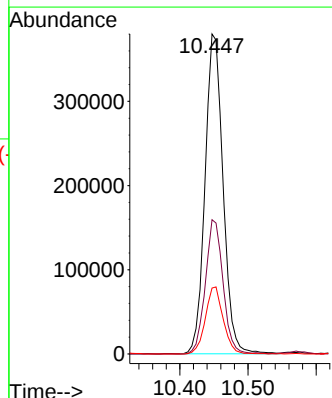
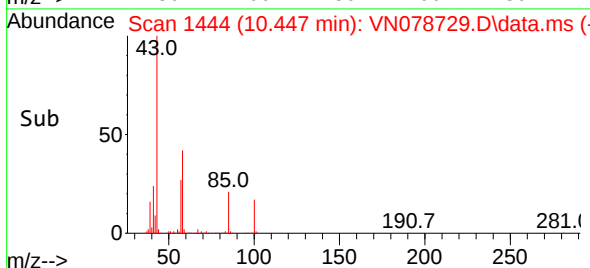
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

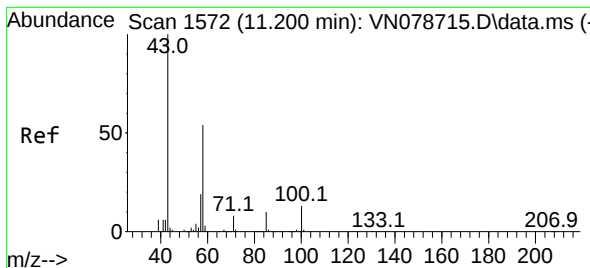


#58
4-Methyl-2-Pentanone
Concen: 94.752 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23



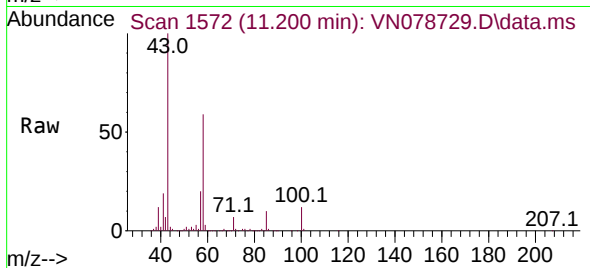
Tgt Ion: 43 Resp: 700474
Ion Ratio Lower Upper
43 100
58 41.0 32.6 48.8
85 20.6 16.2 24.2





#59
2-Hexanone
Concen: 89.911 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

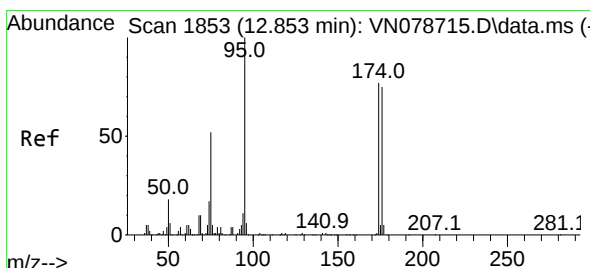
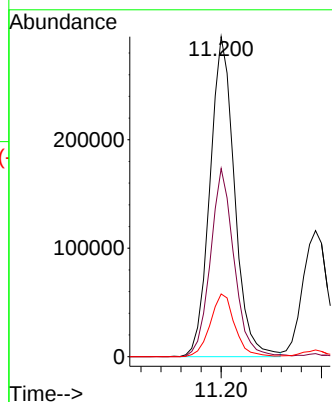
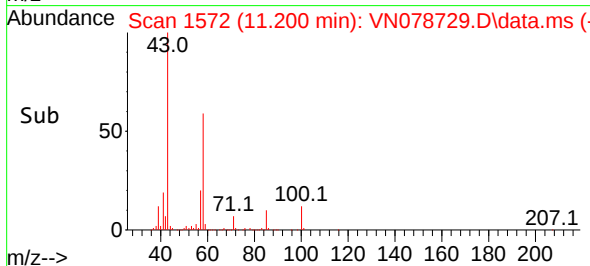
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 503280
Ion Ratio Lower Upper
43 100
58 56.6 45.9 68.9
57 19.5 15.8 23.6

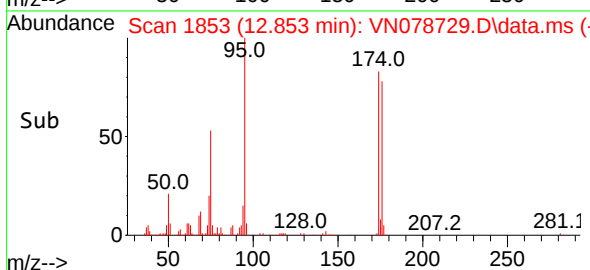
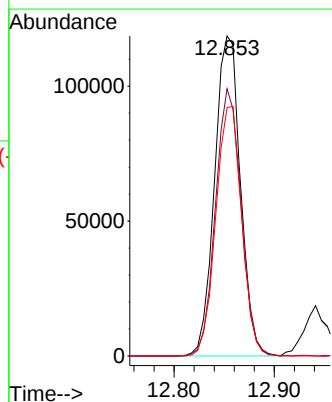
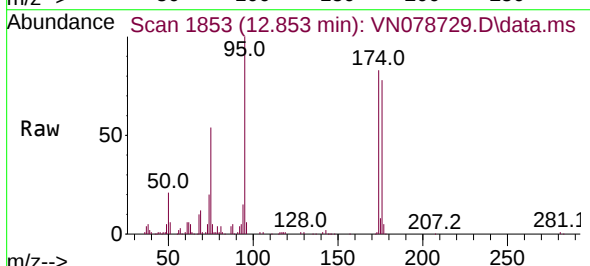
Manual Integrations
APPROVED

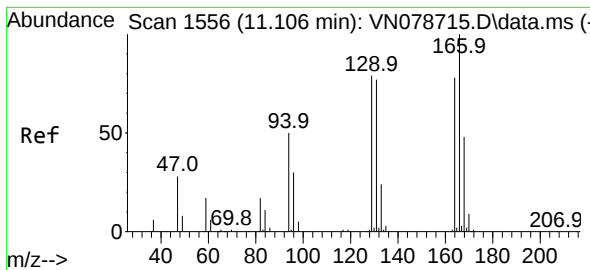
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#60
4-Bromofluorobenzene
Concen: 28.648 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

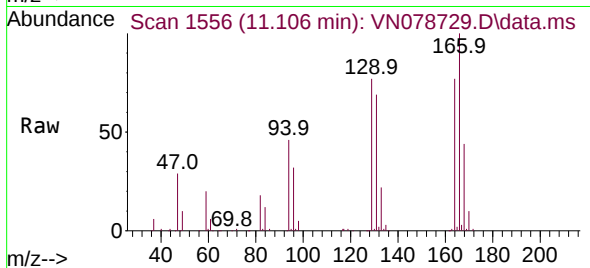
Tgt Ion: 95 Resp: 212051
Ion Ratio Lower Upper
95 100
174 82.5 61.7 92.5
176 78.5 58.1 87.1





#61
Tetrachloroethene
Concen: 20.362 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

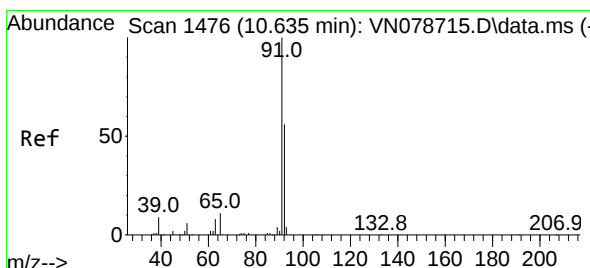
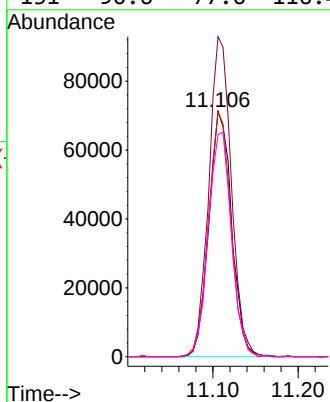
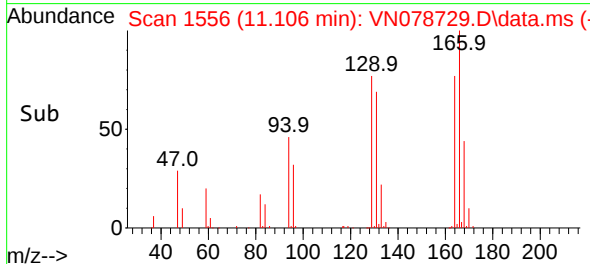
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



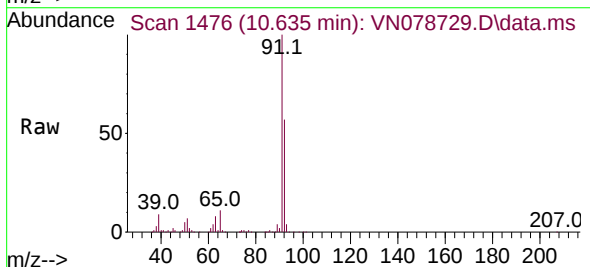
Tgt Ion:164 Resp: 132244
Ion Ratio Lower Upper
164 100
166 130.5 99.1 148.7
129 99.9 85.6 128.4
131 90.6 77.6 116.4

Manual Integrations
APPROVED

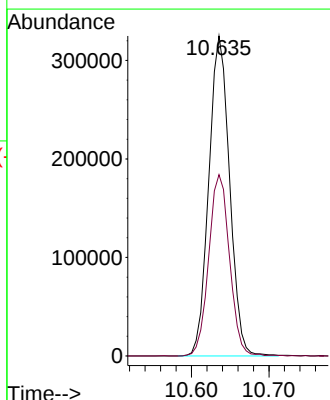
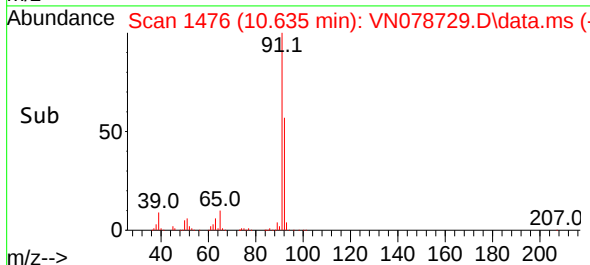
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

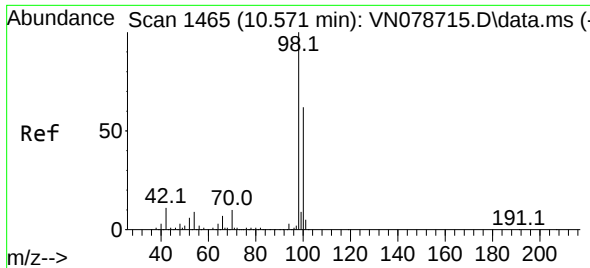


#62
Toluene
Concen: 20.400 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23



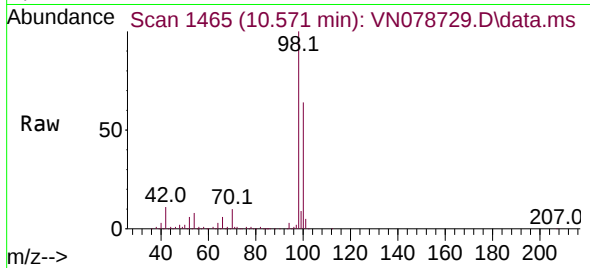
Tgt Ion: 91 Resp: 606054
Ion Ratio Lower Upper
91 100
92 56.4 45.2 67.8





#63
Toluene-d8
Concen: 29.669 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

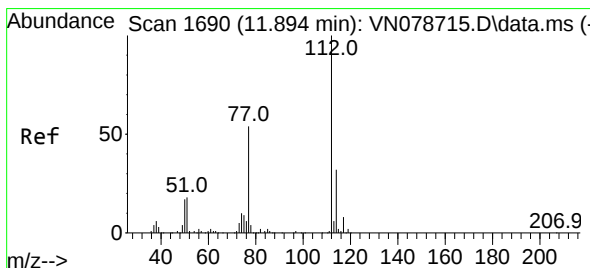
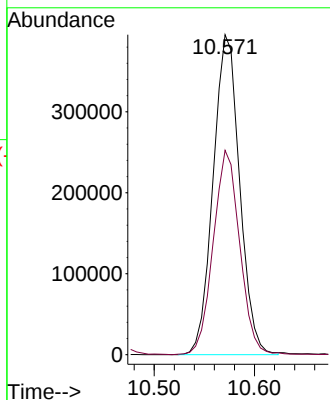
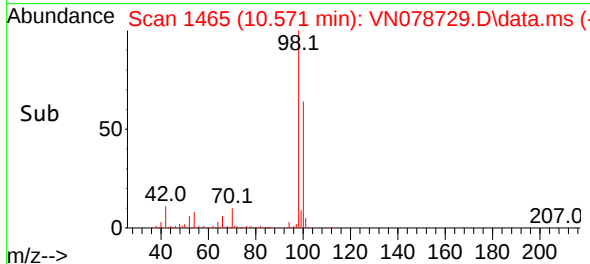
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 98 Resp: 72388
Ion Ratio Lower Upper
98 100
100 64.0 49.7 74.5

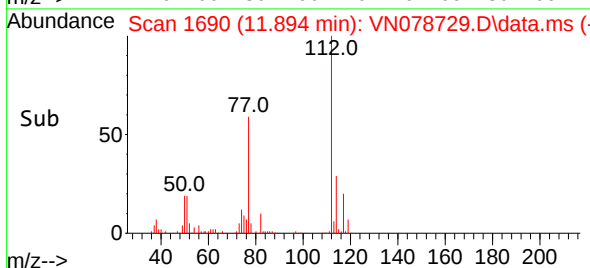
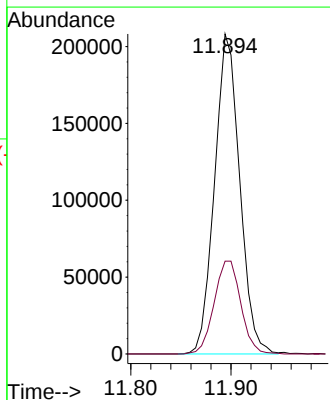
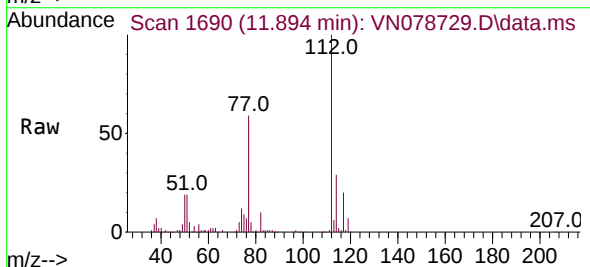
Manual Integrations
APPROVED

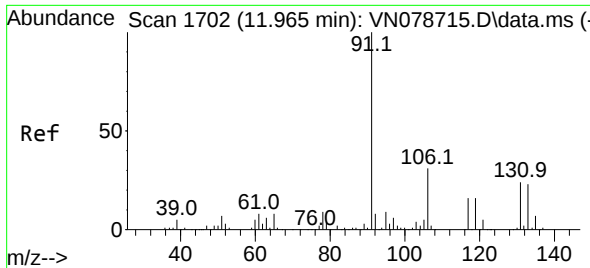
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#64
Chlorobenzene
Concen: 20.902 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

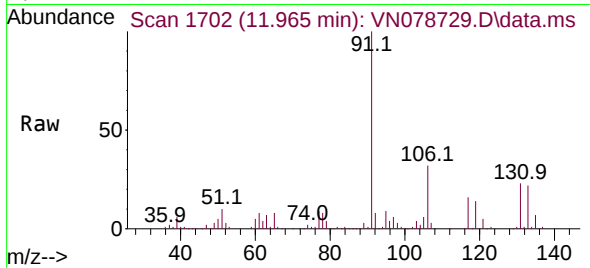
Tgt Ion:112 Resp: 362545
Ion Ratio Lower Upper
112 100
114 29.0 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 20.559 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

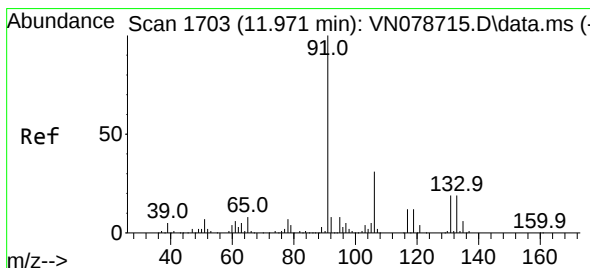
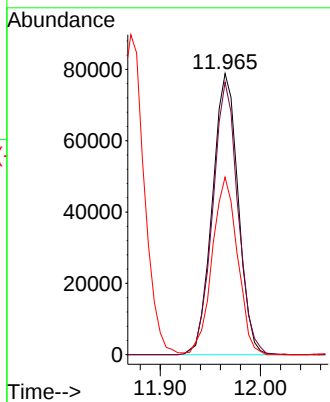
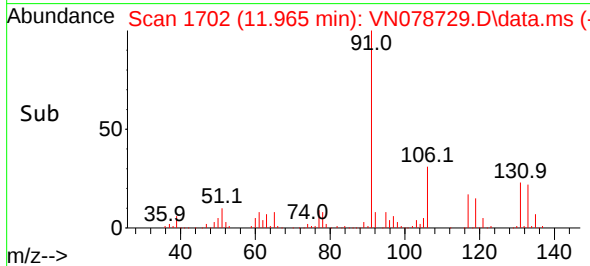
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 140630
Ion Ratio Lower Upper
131 100
133 95.3 0.0 191.8
119 62.3 0.0 132.0

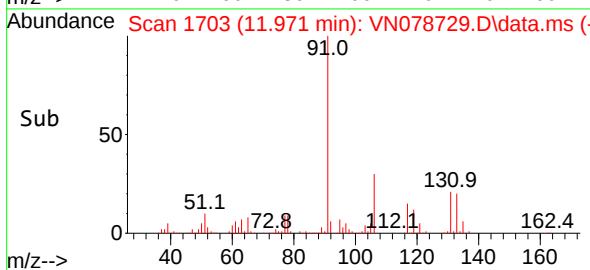
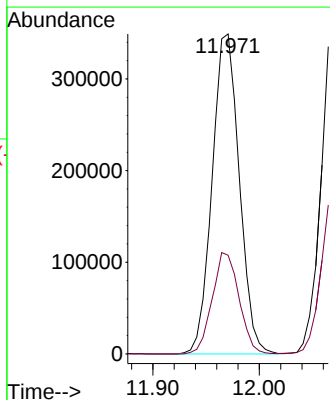
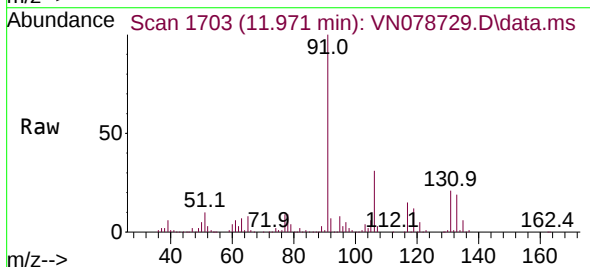
Manual Integrations
APPROVED

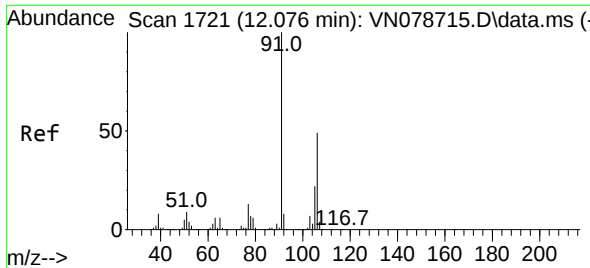
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#66
Ethyl Benzene
Concen: 20.654 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

Tgt Ion: 91 Resp: 618408
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4





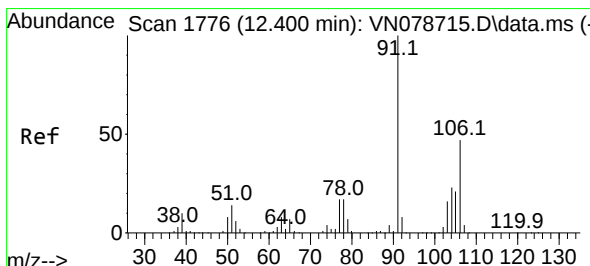
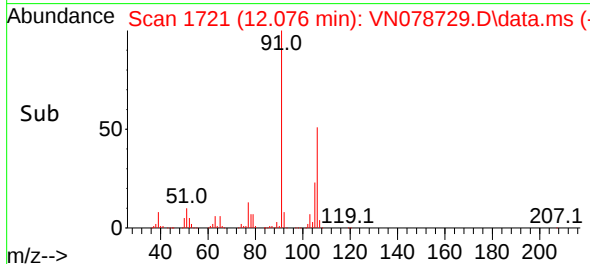
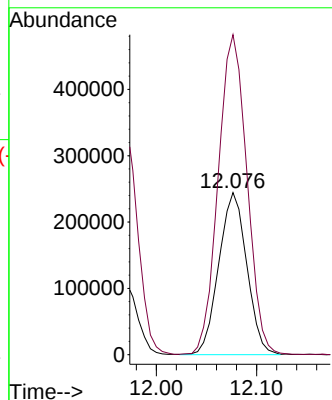
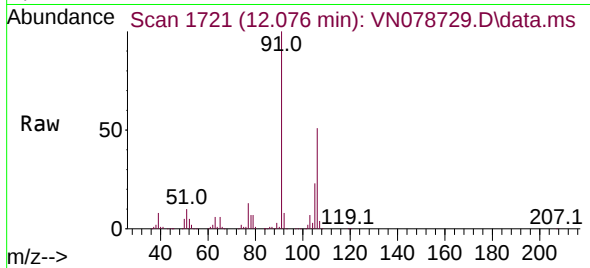
#67
m/p-Xylenes
Concen: 41.518 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 474859
Ion Ratio Lower Upper
106 100
91 202.3 162.5 243.7

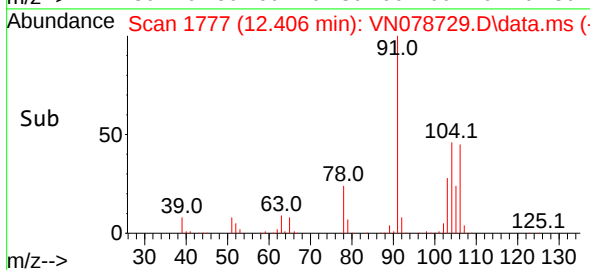
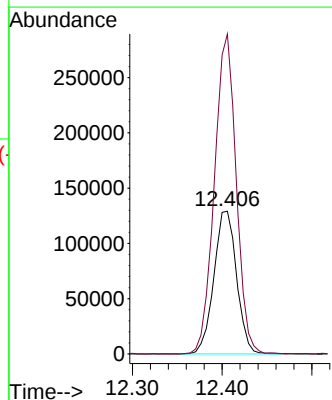
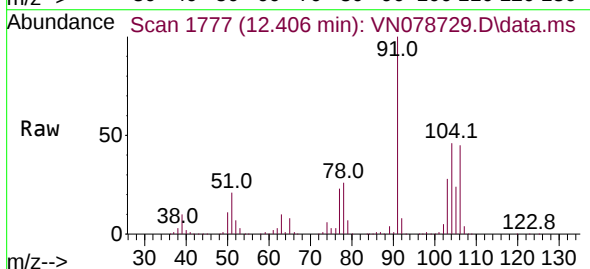
Manual Integrations
APPROVED

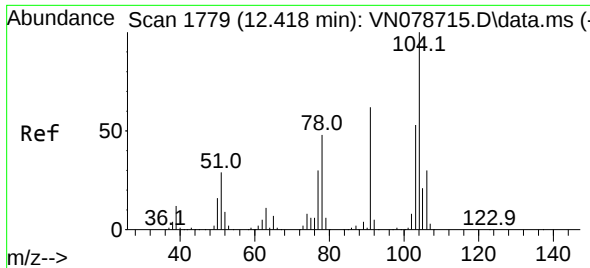
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#68
o-Xylene
Concen: 19.540 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

Tgt Ion:106 Resp: 227398
Ion Ratio Lower Upper
106 100
91 214.5 106.1 318.3





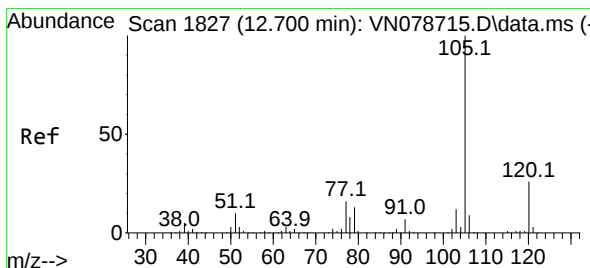
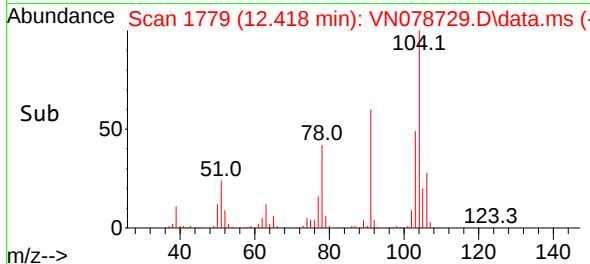
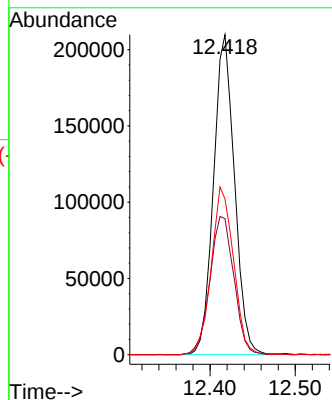
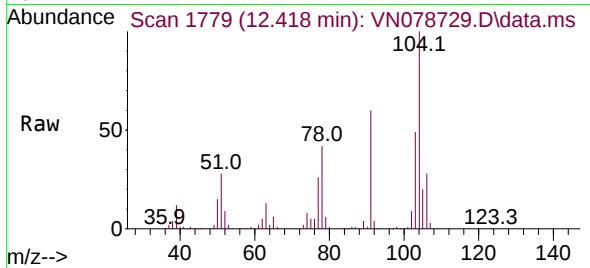
#69
Styrene
Concen: 19.245 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 360364
Ion Ratio Lower Upper
104 100
78 49.1 40.1 60.1
103 55.5 45.1 67.7

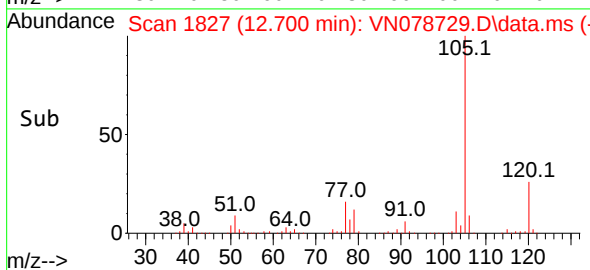
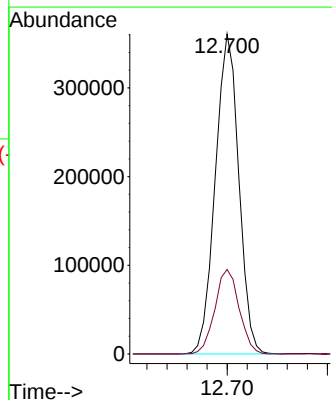
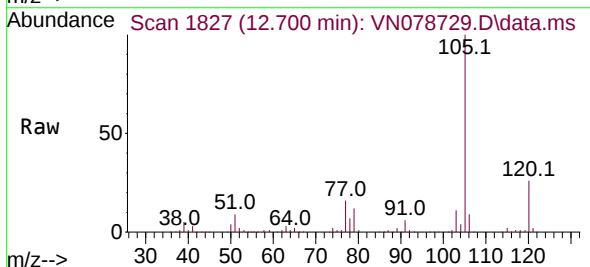
Manual Integrations
APPROVED

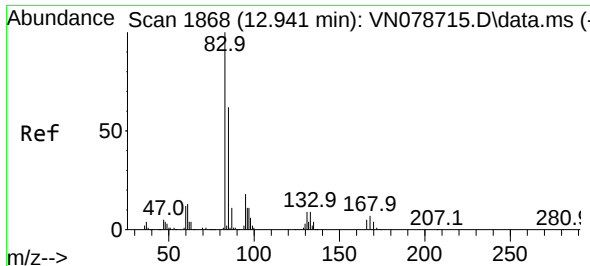
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#70
Isopropylbenzene
Concen: 20.358 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

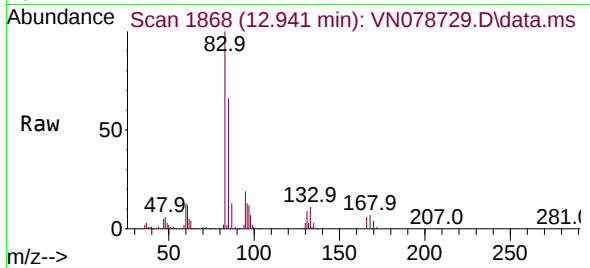
Tgt Ion:105 Resp: 586102
Ion Ratio Lower Upper
105 100
120 27.3 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 18.902 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

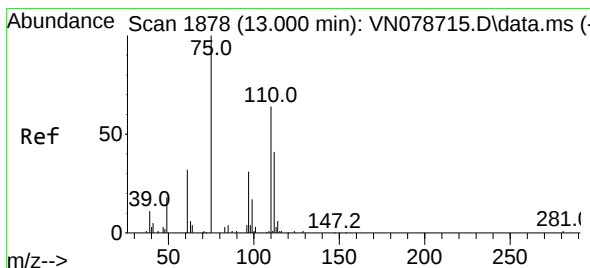
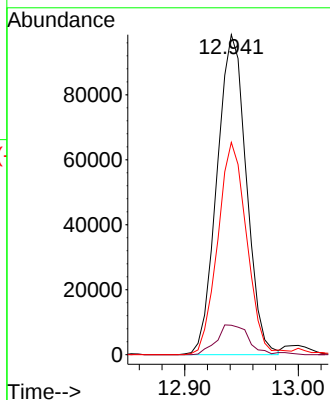
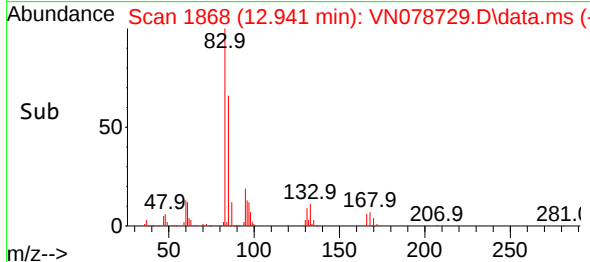
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



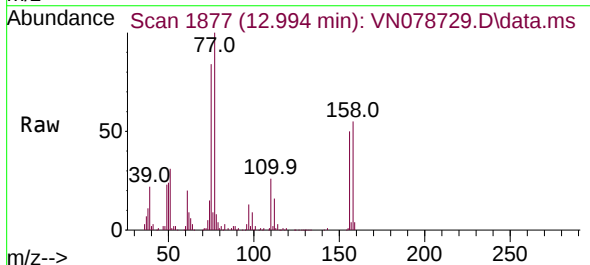
Tgt Ion: 83 Resp: 176770
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 65.0 32.6 98.0

Manual Integrations
APPROVED

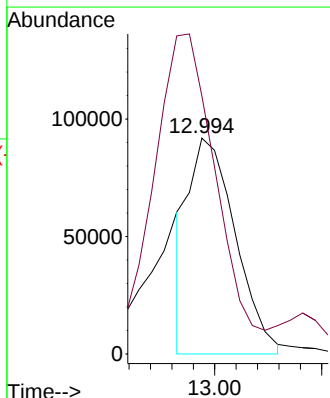
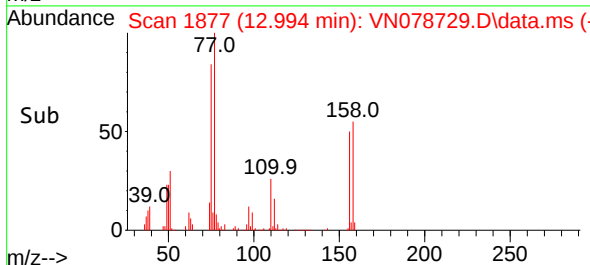
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

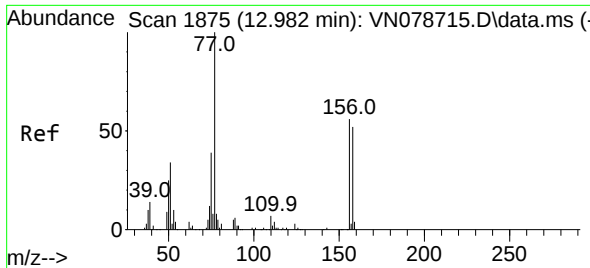


#72
1,2,3-Trichloropropane
Concen: 17.719 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23



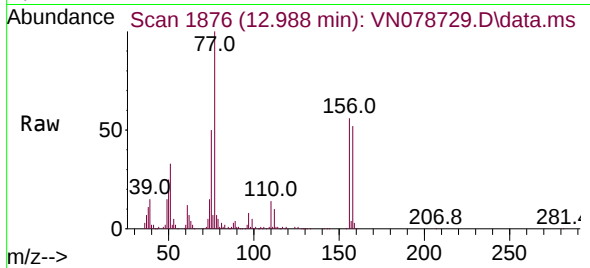
Tgt Ion: 75 Resp: 139009
Ion Ratio Lower Upper
75 100
77 201.6 0.0 387.4





#73
Bromobenzene
Concen: 19.594 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

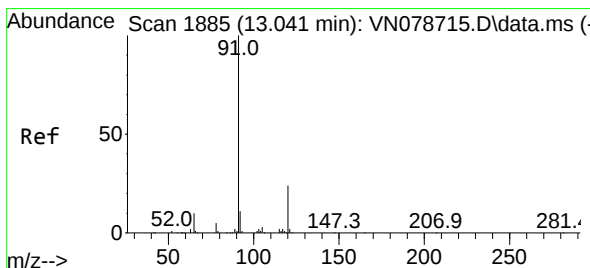
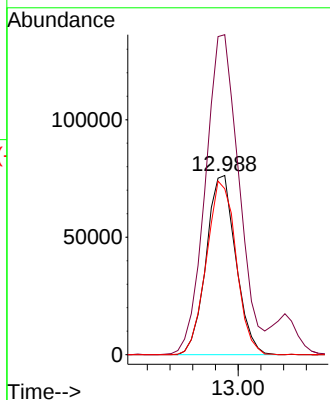
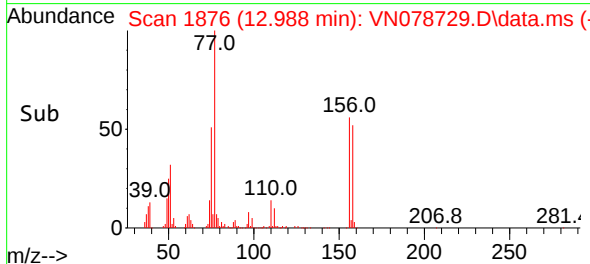
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



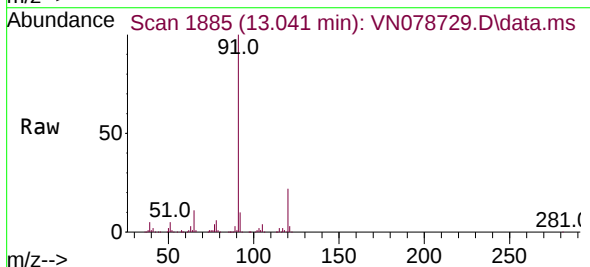
Tgt Ion:156 Resp: 138260
Ion Ratio Lower Upper
156 100
77 202.7 0.0 420.8
158 96.9 0.0 193.2

Manual Integrations
APPROVED

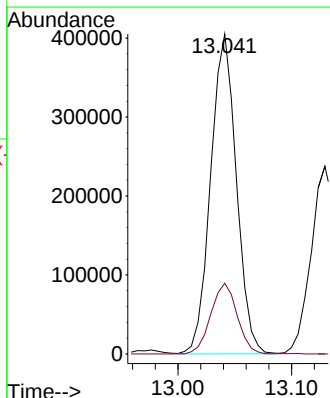
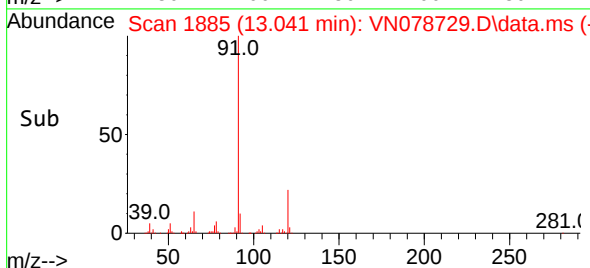
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

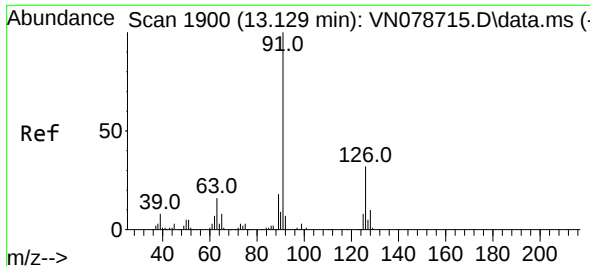


#74
n-propylbenzene
Concen: 19.960 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23



Tgt Ion: 91 Resp: 636908
Ion Ratio Lower Upper
91 100
120 22.5 0.0 44.6





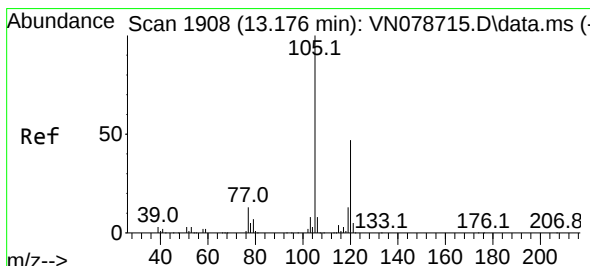
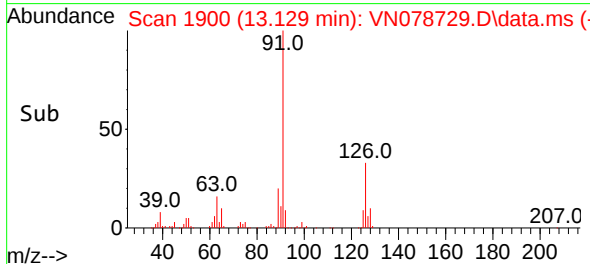
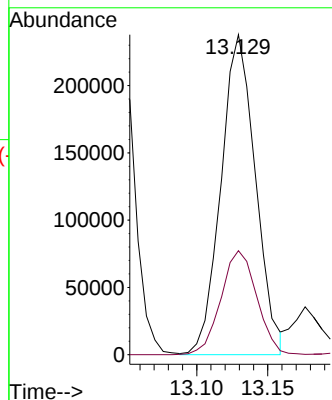
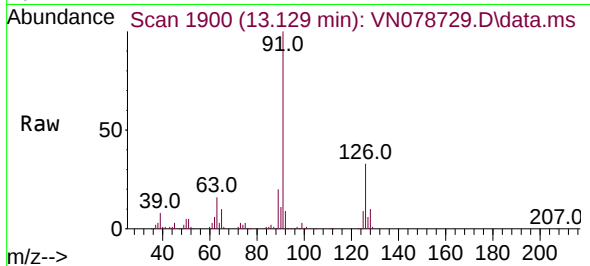
#75
2-Chlorotoluene
Concen: 18.250 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 402169
Ion Ratio Lower Upper
91 100
126 33.7 0.0 67.2

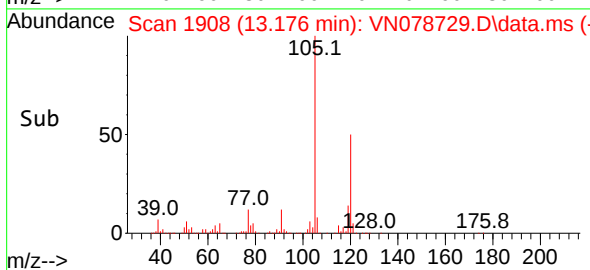
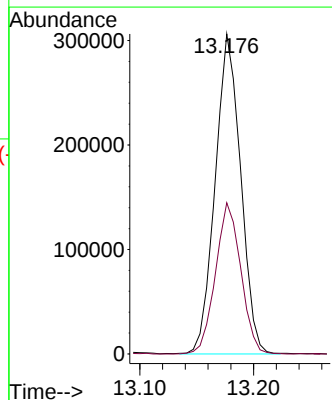
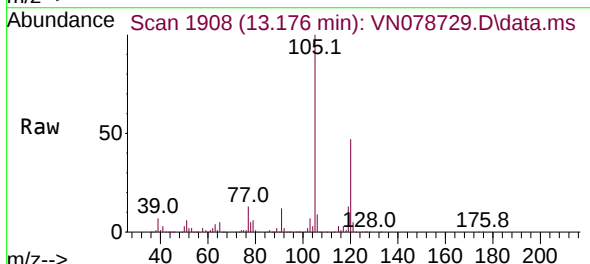
Manual Integrations
APPROVED

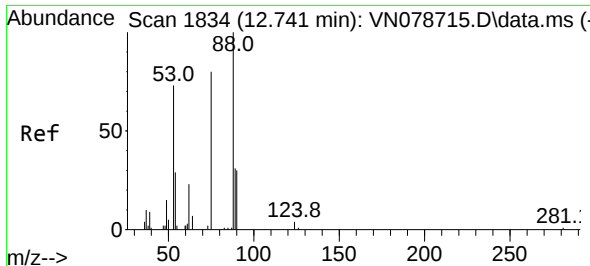
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.570 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

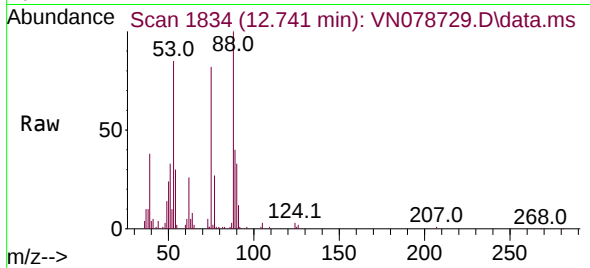
Tgt Ion:105 Resp: 477330
Ion Ratio Lower Upper
105 100
120 46.9 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 18.146 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

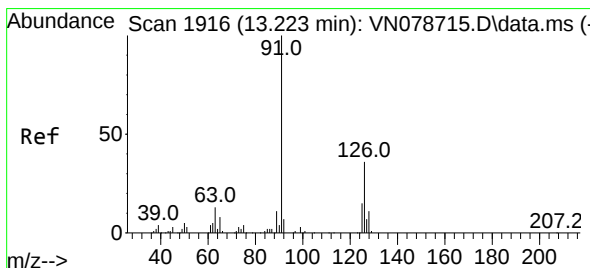
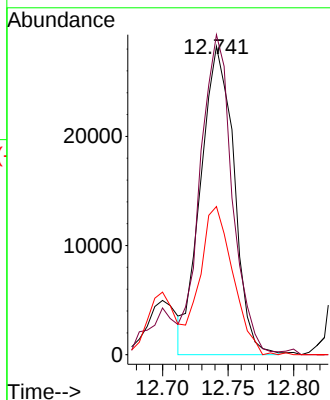
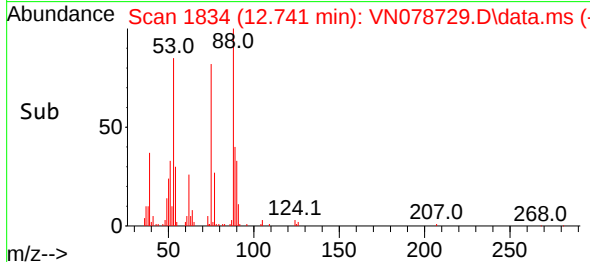
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



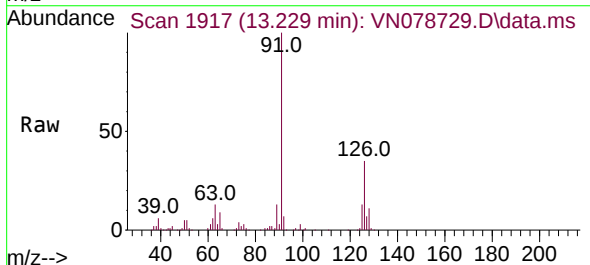
Tgt Ion: 75 Resp: 49754
Ion Ratio Lower Upper
75 100
53 103.4 41.6 124.9
89 48.3 25.1 75.4

Manual Integrations
APPROVED

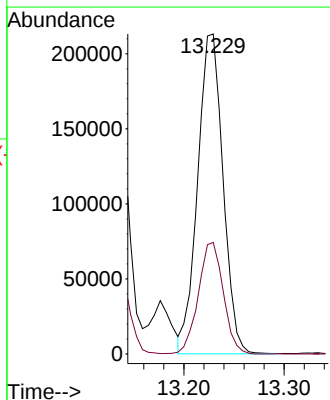
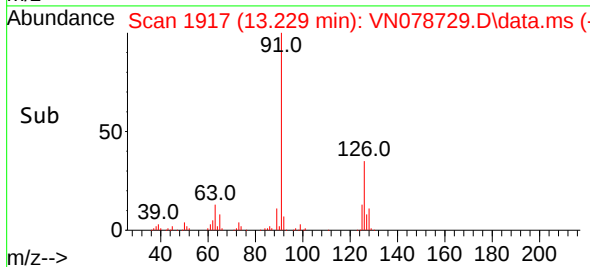
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

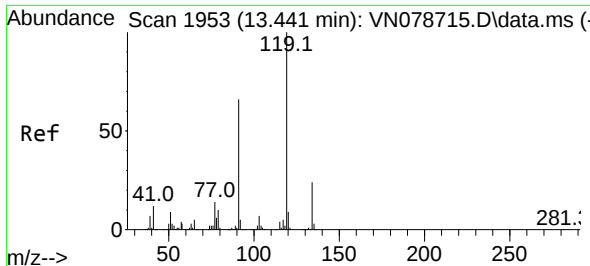


#78
4-Chlorotoluene
Concen: 17.642 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23



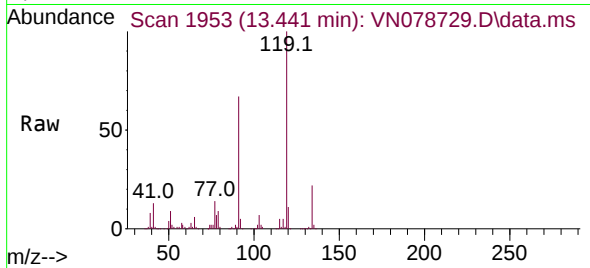
Tgt Ion: 91 Resp: 375384
Ion Ratio Lower Upper
91 100
126 34.3 0.0 68.8





#79
tert-butylbenzene
Concen: 17.566 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

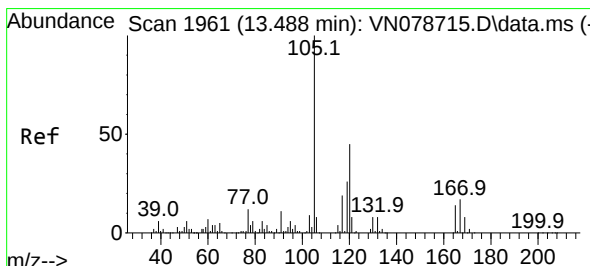
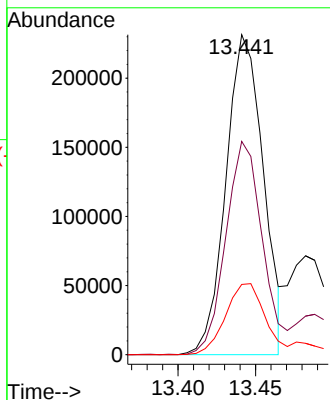
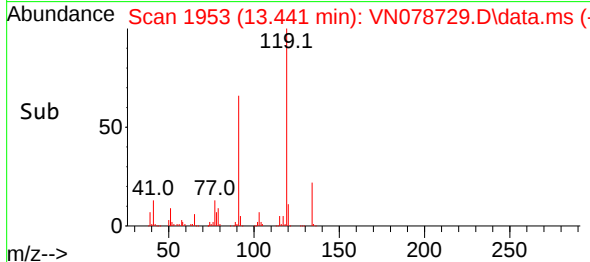
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



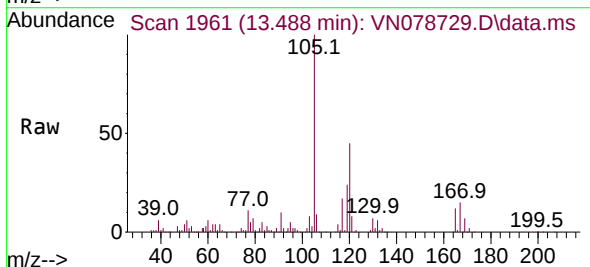
Tgt Ion:119 Resp: 388632
Ion Ratio Lower Upper
119 100
91 65.5 0.0 126.6
134 23.4 0.0 44.0

Manual Integrations
APPROVED

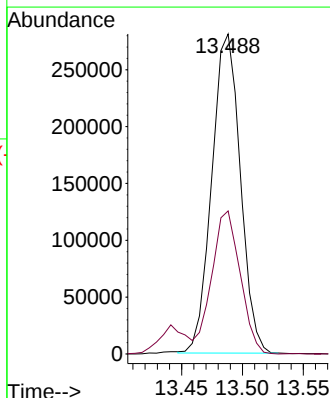
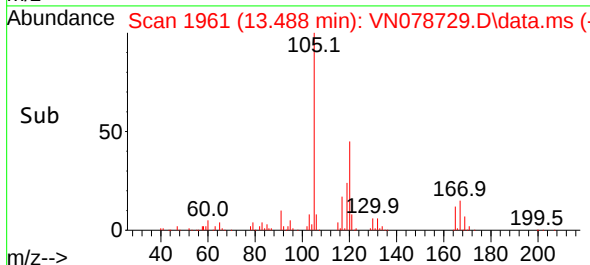
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

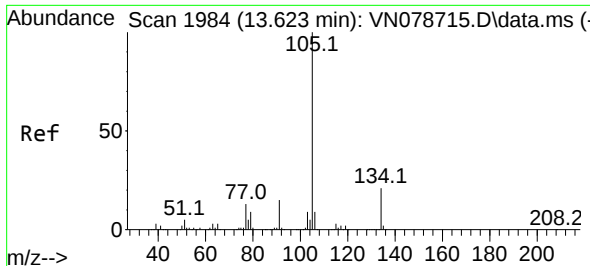


#80
1,2,4-Trimethylbenzene
Concen: 18.630 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23



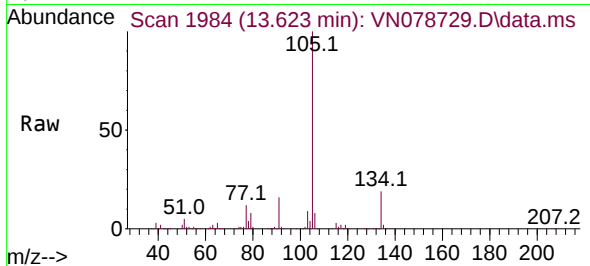
Tgt Ion:105 Resp: 457346
Ion Ratio Lower Upper
105 100
120 44.8 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 17.980 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078729.D
 Acq: 02 Aug 2023 12:23

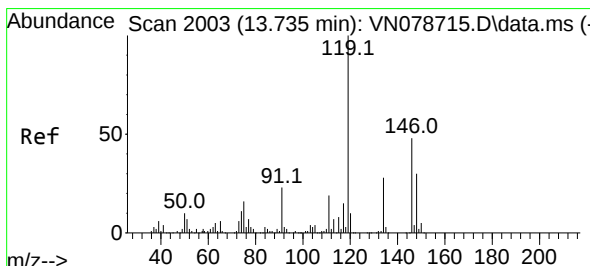
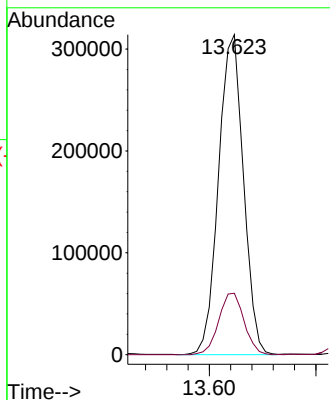
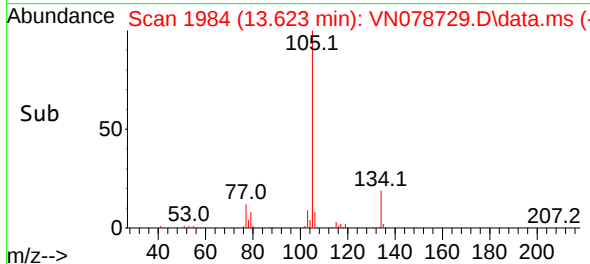
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



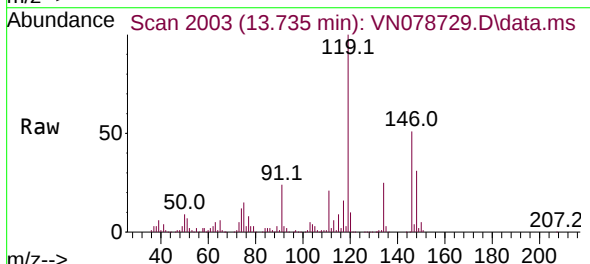
Tgt Ion:105 Resp: 509878
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.6

Manual Integrations
 APPROVED

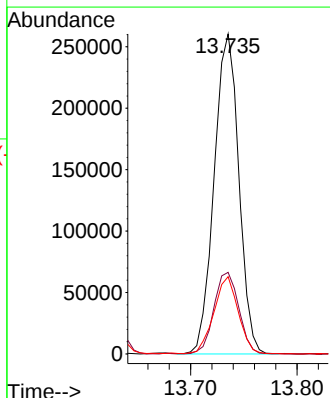
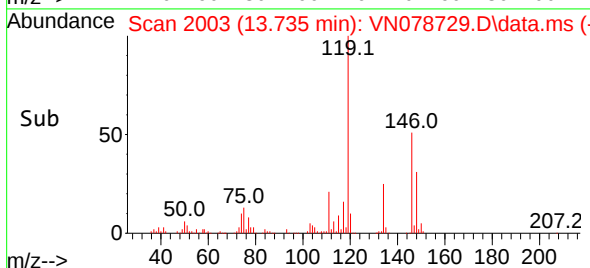
Reviewed By :John Carlone 08/03/2023
 Supervised By :Semsettin Yesilyurt 08/03/2023

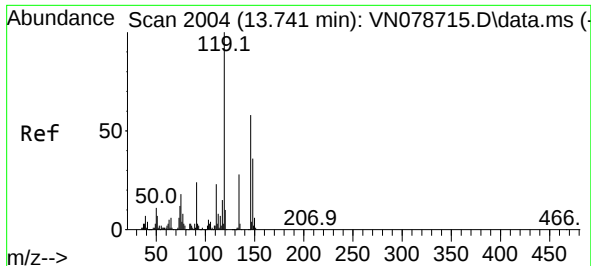


#82
 p-Isopropyltoluene
 Concen: 17.975 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078729.D
 Acq: 02 Aug 2023 12:23



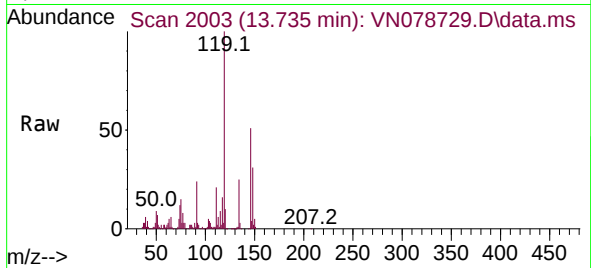
Tgt Ion:119 Resp: 418474
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.4
 91 23.9 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 18.082 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

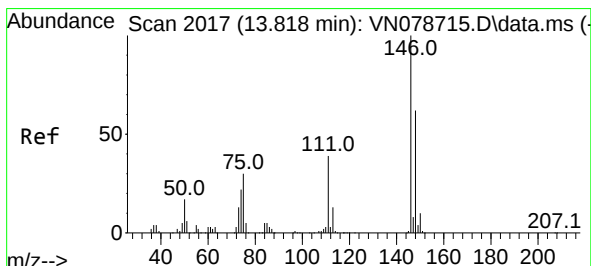
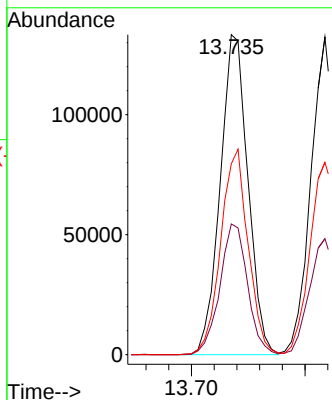
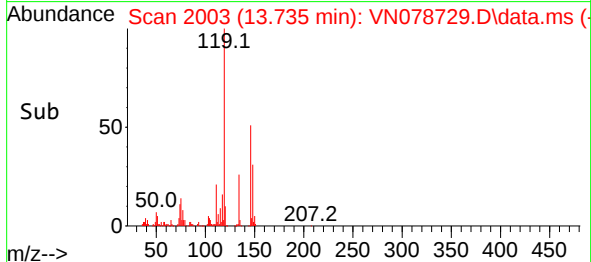
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:146 Resp: 226268
Ion Ratio Lower Upper
146 100
111 40.7 21.6 64.6
148 63.5 31.9 95.5

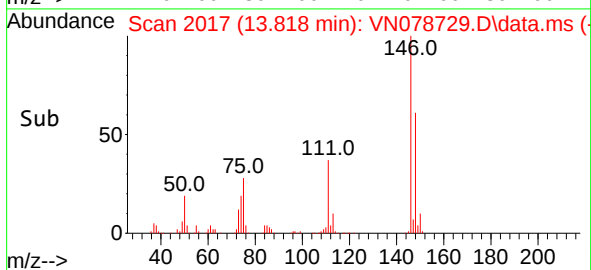
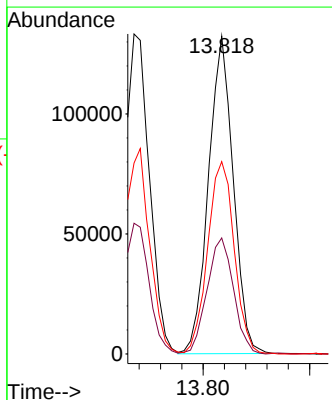
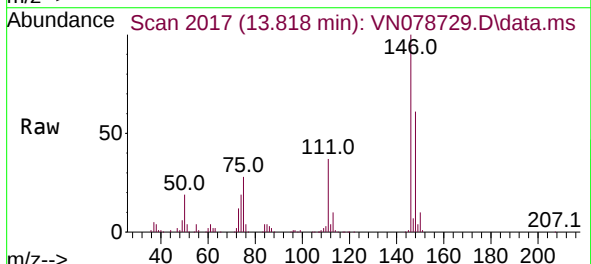
Manual Integrations
APPROVED

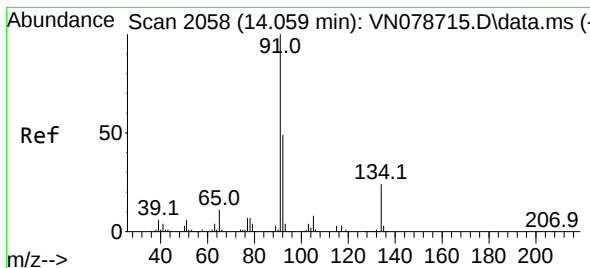
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#84
1,4-Dichlorobenzene
Concen: 18.219 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

Tgt Ion:146 Resp: 213435
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.2
148 65.1 31.4 94.3





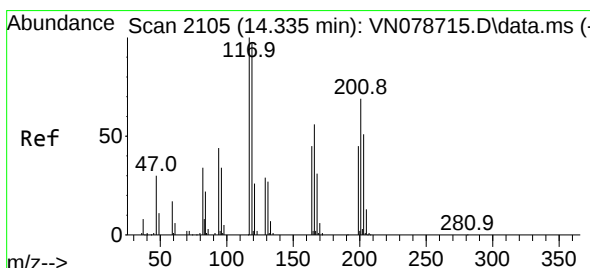
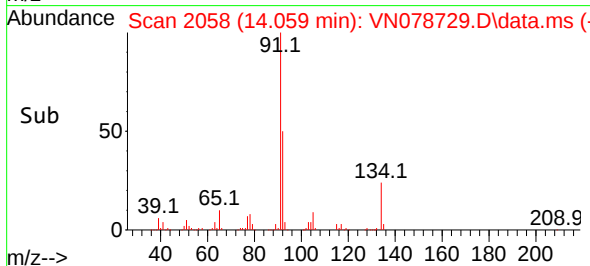
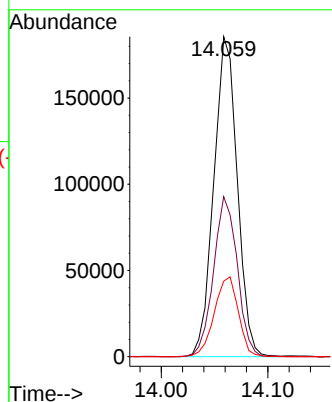
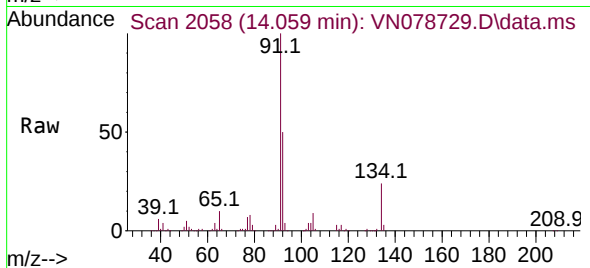
#85
n-Butylbenzene
Concen: 17.592 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 284000
Ion Ratio Lower Upper
91 100
92 50.5 0.0 99.6
134 25.6 0.0 50.0

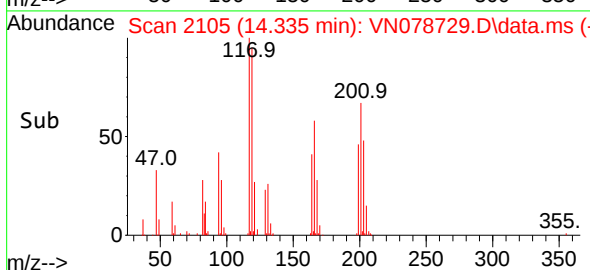
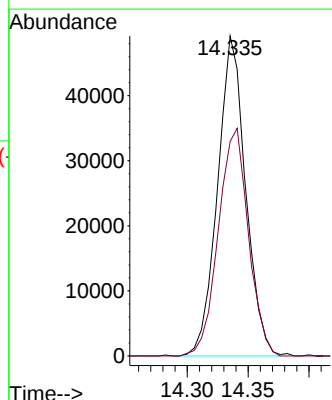
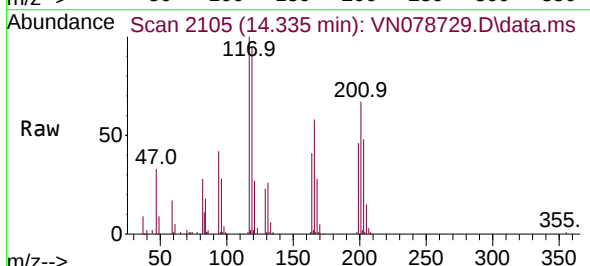
Manual Integrations
APPROVED

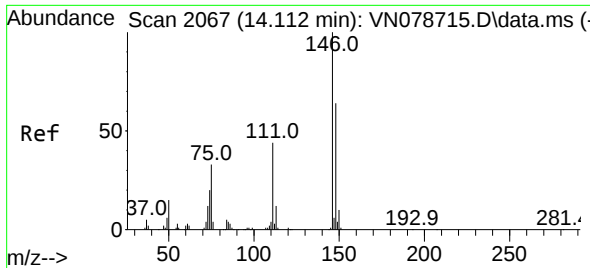
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#86
Hexachloroethane
Concen: 18.568 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

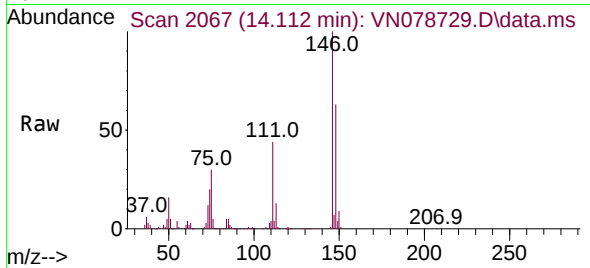
Tgt Ion:117 Resp: 78760
Ion Ratio Lower Upper
117 100
201 76.3 34.2 102.6





#87
1,2-Dichlorobenzene
Concen: 19.022 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

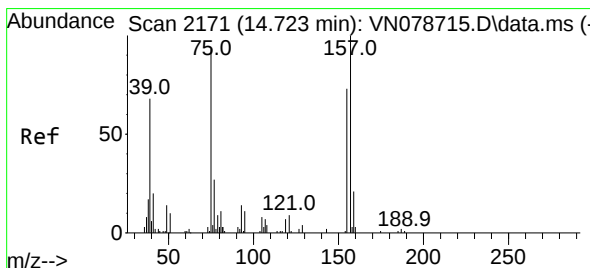
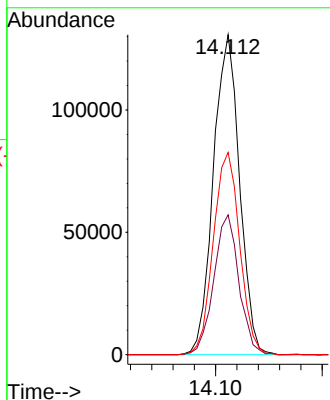
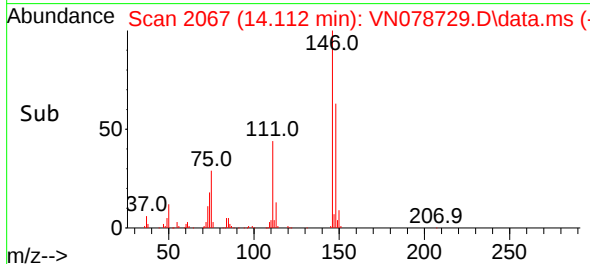
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:146 Resp: 222777
Ion Ratio Lower Upper
146 100
111 42.1 22.4 67.3
148 63.7 33.4 100.1

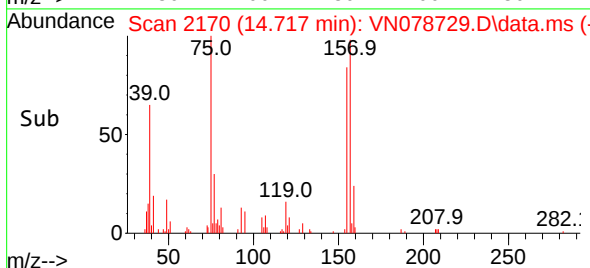
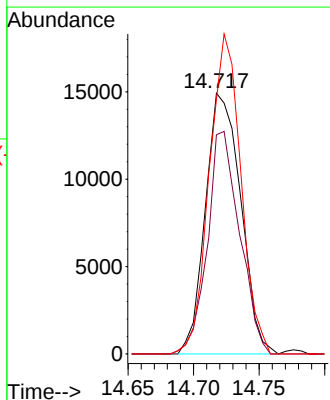
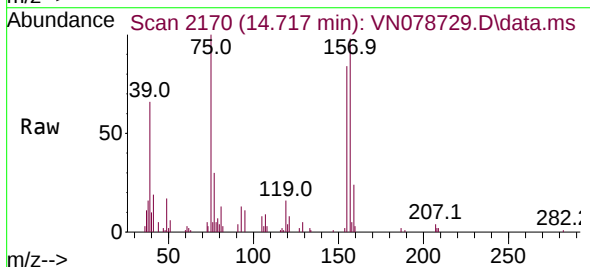
Manual Integrations
APPROVED

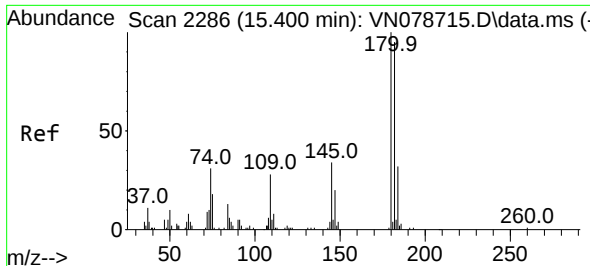
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.595 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

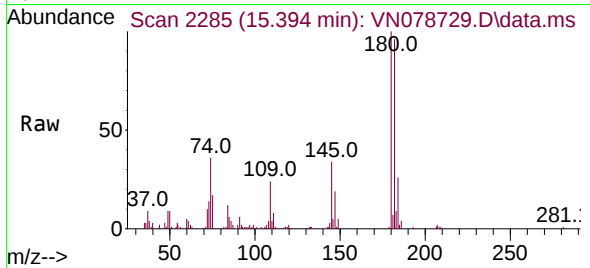
Tgt Ion: 75 Resp: 27945
Ion Ratio Lower Upper
75 100
155 77.9 68.2 102.2
157 109.4 84.7 127.1





#89
1,2,4-Trichlorobenzene
Concen: 17.356 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

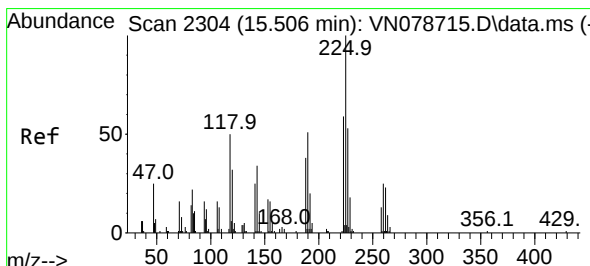
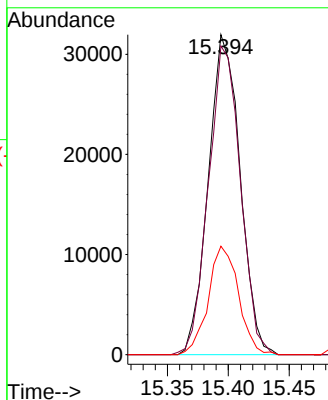
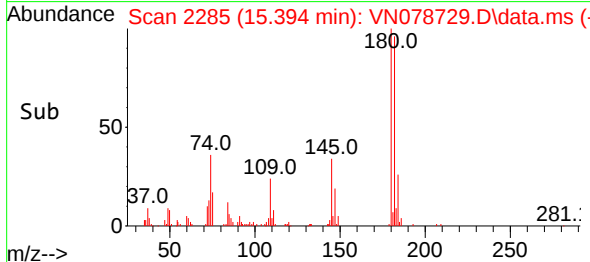
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:180 Resp: 57990
Ion Ratio Lower Upper
180 100
182 96.7 73.7 110.5
145 32.3 25.0 37.6

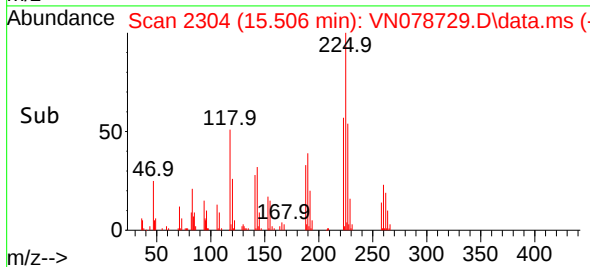
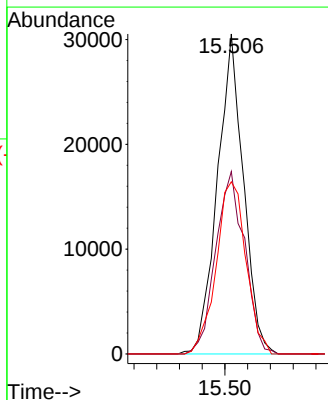
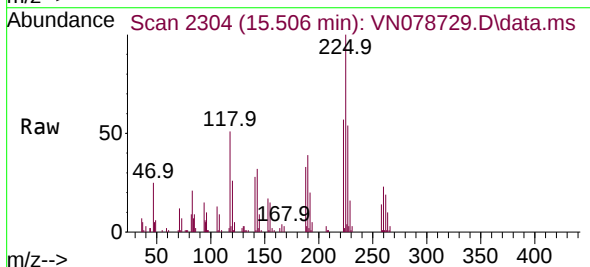
Manual Integrations
APPROVED

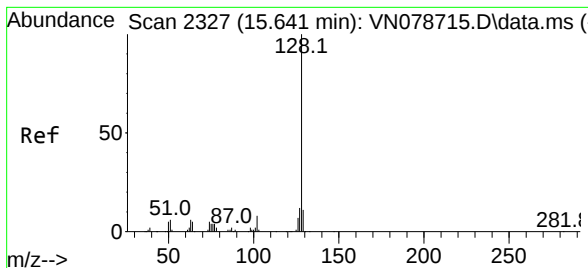
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#90
Hexachlorobutadiene
Concen: 19.089 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

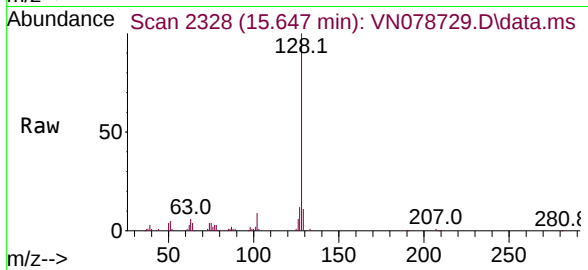
Tgt Ion:225 Resp: 48593
Ion Ratio Lower Upper
225 100
223 63.3 0.0 130.0
227 61.8 0.0 124.0





#91
Naphthalene
Concen: 15.695 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23

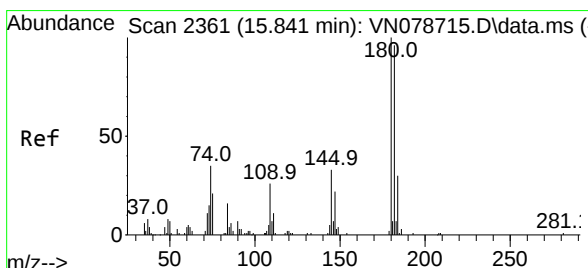
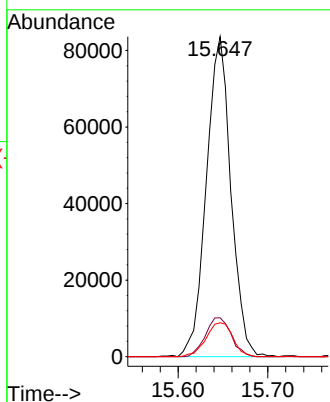
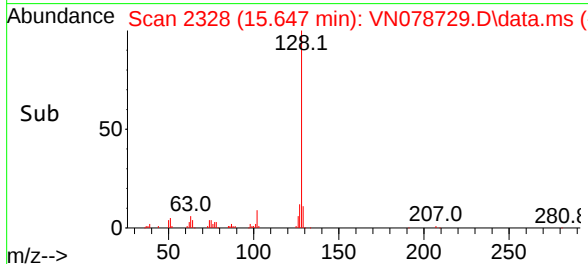
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



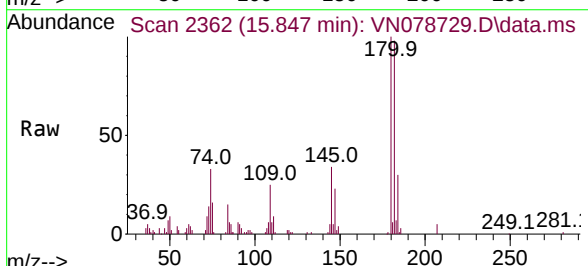
Tgt Ion:128 Resp: 158879
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.6 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#92
1,2,3-Trichlorobenzene
Concen: 17.887 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078729.D
Acq: 02 Aug 2023 12:23



Tgt Ion:180 Resp: 68020
Ion Ratio Lower Upper
180 100
182 98.5 0.0 196.4
145 35.7 0.0 71.0

