

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081723\
 Data File : VN078918.D
 Acq On : 17 Aug 2023 11:50
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 18 05:02:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:01:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/18/2023
 Supervised By : Semsettin Yesilyurt 08/18/2023

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

Internal Standards						
1) Bromochloromethane	7.824	128	46688	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	262095	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	238370	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	111269	29.417	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.067%		
60) 4-Bromofluorobenzene	12.853	95	110004	31.636	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	105.467%		
63) Toluene-d8	10.571	98	328784	29.536	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.467%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	288918	98.068	ug/l	99
3) Chloromethane	2.365	50	331544	93.902	ug/l	96
4) Vinyl Chloride	2.512	62	339619	97.187	ug/l	99
5) Bromomethane	2.936	94	198678	92.108	ug/l	100
6) Chloroethane	3.106	64	210935	92.888	ug/l	98
7) Trichlorofluoromethane	3.489	101	457859	97.280	ug/l	99
8) Diethyl Ether	3.959	74	181000	102.248	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	240259	97.847	ug/l	92
10) 1,1-Dichloroethene	4.336	96	246772	99.091	ug/l #	88
11) Methyl Iodide	4.589	142	325838	109.187	ug/l	94
12) Methyl Acetate	5.030	43	555069	95.758	ug/l	100
13) Acrolein	4.183	56	164948	408.258	ug/l	97
14) Acrylonitrile	5.724	53	755284	495.673	ug/l #	92
15) Acetone	4.430	58	312999	668.873	ug/l	93
16) Carbon Disulfide	4.712	76	689783	97.076	ug/l	96
17) Allyl chloride	5.024	41	451319	101.593	ug/l	96
18) Methylene Chloride	5.277	84	287074	97.103	ug/l #	88
19) trans-1,2-Dichloroethene	5.783	96	272867	98.038	ug/l	97
20) Diisopropyl ether	6.677	45	1044661	105.951	ug/l	91
21) 1,1-Dichloroethane	6.571	63	547506	100.071	ug/l	95
22) cis-1,2-Dichloroethene	7.494	96	320792	100.703	ug/l	98
23) tert-Butyl Alcohol	5.530	59	270047	475.115	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	898577	102.312	ug/l	99
25) Chloroform	7.971	83	543759	98.656	ug/l	95
26) Cyclohexane	8.265	56	405621	101.350	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	418346	104.926	ug/l	99
30) 2-Butanone	7.488	43	1317908	564.643	ug/l	99
31) 2,2-Dichloropropane	7.494	77	477752	108.422	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	473353	99.441	ug/l	99
33) Carbon Tetrachloride	8.365	117	421275	102.174	ug/l	98
34) Benzene	8.612	78	1199946	100.430	ug/l	99
35) Methacrylonitrile	7.782	41	238980	96.065	ug/l	96
36) 1,2-Dichloroethane	8.677	62	450347	100.652	ug/l	96
37) Trichloroethene	9.359	130	301381	101.335	ug/l	93
38) Methylcyclohexane	9.606	83	340223	96.925	ug/l	97
39) 1,2-Dichloropropane	9.624	63	324423	100.804	ug/l	99
40) Dibromomethane	9.712	93	209938	97.315	ug/l	98
41) Bromodichloromethane	9.894	83	442915	102.092	ug/l	98
42) Vinyl Acetate	6.606	43	3435804	522.103	ug/l	99

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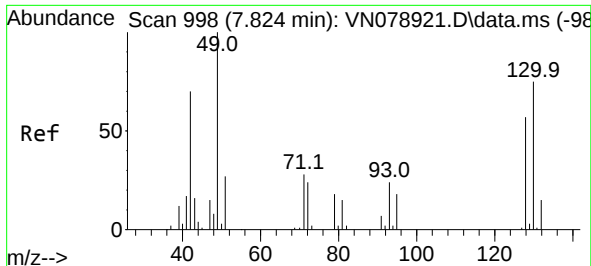
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	434181	97.818	ug/l	97
44) Isopropyl Acetate	8.694	43	784234	98.291	ug/l	100
45) 1,4-Dioxane	9.700	88	117719	1960.649	ug/l	97
46) Methyl methacrylate	9.688	41	374338	106.487	ug/l	90
47) n-amyl Acetate	12.500	43	692388	113.086	ug/l	100
48) t-1,3-Dichloropropene	10.841	75	503842	109.042	ug/l	100
49) cis-1,3-Dichloropropene	10.318	75	526149	106.193	ug/l	97
50) 1,1,2-Trichloroethane	11.018	97	287414	98.588	ug/l	97
51) Ethyl methacrylate	10.876	69	487064	107.943	ug/l	97
52) 1,3-Dichloropropane	11.165	76	525567	100.652	ug/l	100
53) Dibromochloromethane	11.365	129	329650	103.314	ug/l	97
54) 1,2-Dibromoethane	11.476	107	303014	101.240	ug/l	94
55) 2-Chloroethyl vinyl ether	10.165	63	1040755	499.017	ug/l	99
56) Bromoform	12.582	173	241830	107.421	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	2325716	491.763	ug/l	99
59) 2-Hexanone	11.200	43	1863488	537.786	ug/l	100
61) Tetrachloroethene	11.106	164	228854	99.156	ug/l	98
62) Toluene	10.635	91	1305328	100.303	ug/l	98
64) Chlorobenzene	11.894	112	781252	99.845	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	300748	100.522	ug/l	97
66) Ethyl Benzene	11.970	91	1428239	104.921	ug/l	98
67) m/p-Xylenes	12.076	106	1078417	212.473	ug/l	99
68) o-Xylene	12.400	106	529903	105.886	ug/l	99
69) Styrene	12.417	104	899846	110.659	ug/l	98
70) Isopropylbenzene	12.700	105	1272450	104.938	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	439057	96.590	ug/l	100
72) 1,2,3-Trichloropropane	13.000	75	362759m	91.071	ug/l	
73) Bromobenzene	12.982	156	322405	104.439	ug/l	98
74) n-propylbenzene	13.041	91	1473704	107.238	ug/l	100
75) 2-Chlorotoluene	13.129	91	913532	104.786	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	998674	103.896	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	156162	112.686	ug/l	88
78) 4-Chlorotoluene	13.229	91	929410	111.276	ug/l	100
79) tert-butylbenzene	13.441	119	834248	102.707	ug/l	97
80) 1,2,4-Trimethylbenzene	13.488	105	1016910	107.591	ug/l	100
81) sec-Butylbenzene	13.623	105	1094106	102.064	ug/l	98
82) p-Isopropyltoluene	13.735	119	914853	104.529	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	558331	112.071	ug/l	97
84) 1,4-Dichlorobenzene	13.817	146	564033	115.315	ug/l	98
85) n-Butylbenzene	14.059	91	773163	112.319	ug/l	99
86) Hexachloroethane	14.341	117	180404	100.739	ug/l	94
87) 1,2-Dichlorobenzene	14.111	146	548220	107.439	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	83475	102.315	ug/l	93
89) 1,2,4-Trichlorobenzene	15.847	180	225975	112.108	ug/l	99
90) Hexachlorobutadiene	15.505	225	95343	90.875	ug/l	97
91) Naphthalene	15.647	128	763092	131.290	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	225975	112.137	ug/l	99

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



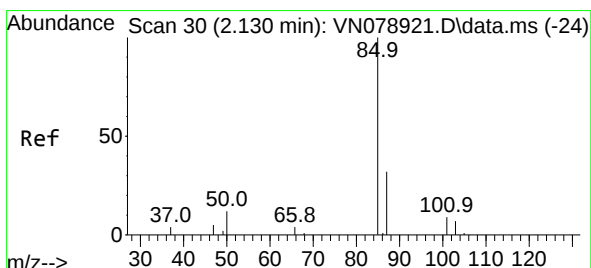
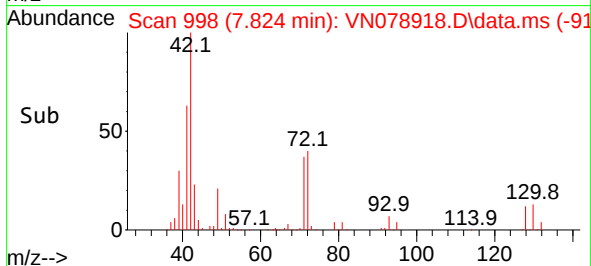
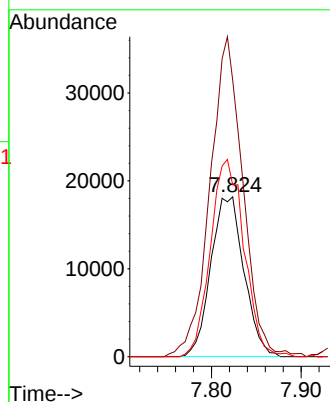
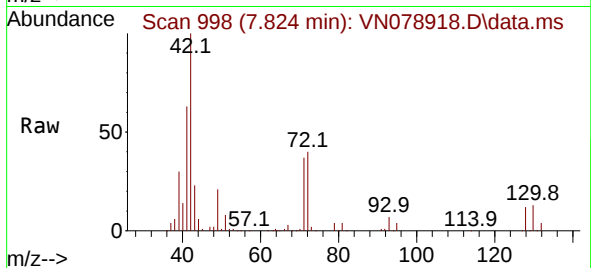
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 46688
Ion Ratio Lower Upper
128 100
49 197.0 0.0 481.8
130 125.1 0.0 320.5

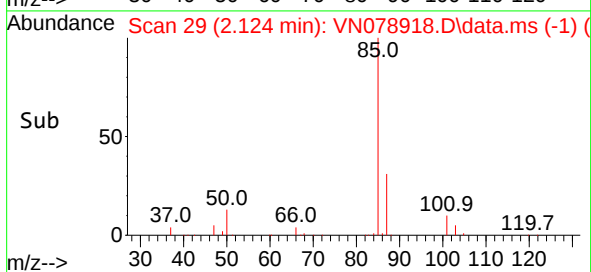
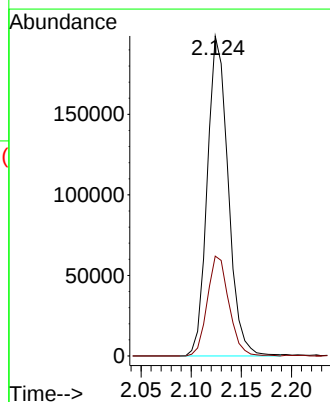
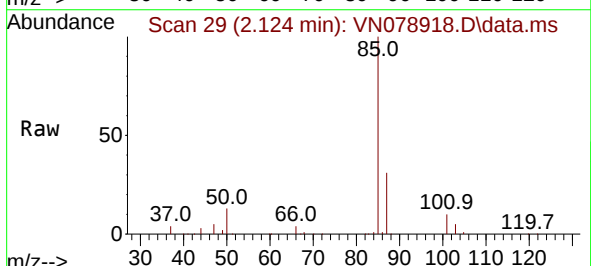
Manual Integrations
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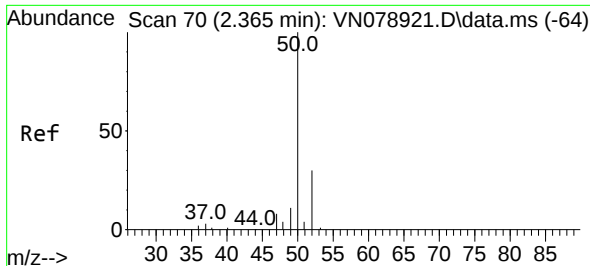
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#2
Dichlorodifluoromethane
Concen: 98.068 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 85 Resp: 288918
Ion Ratio Lower Upper
85 100
87 31.2 15.9 47.7





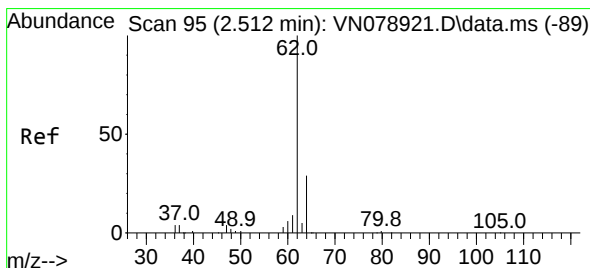
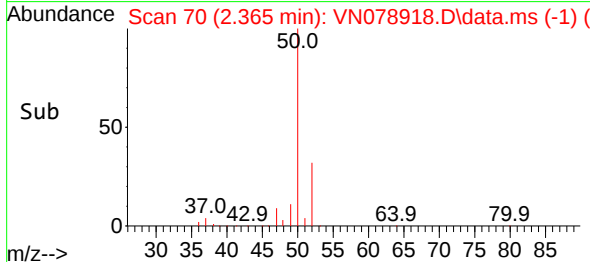
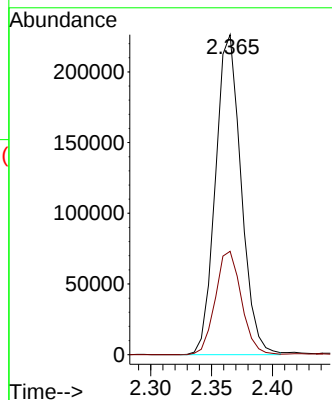
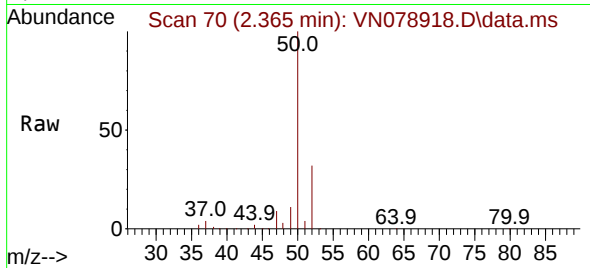
#3
Chloromethane
Concen: 93.902 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 331544
Ion Ratio Lower Upper
50 100
52 32.3 24.2 36.4

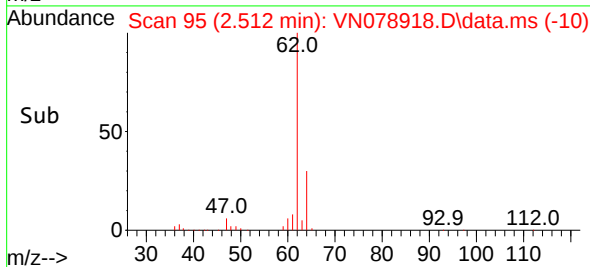
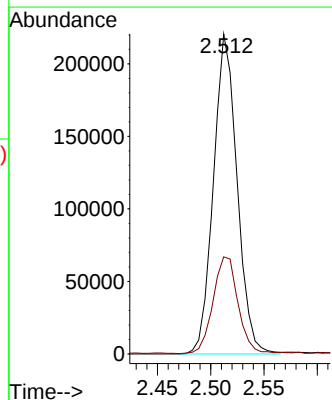
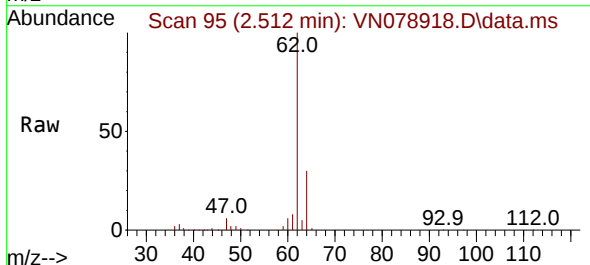
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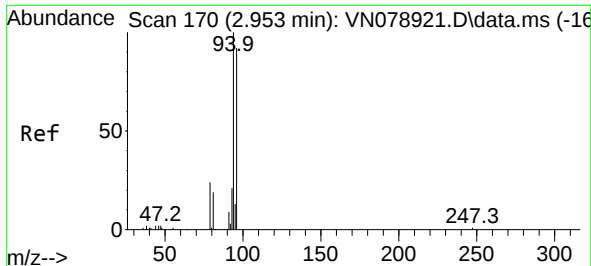
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#4
Vinyl Chloride
Concen: 97.187 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

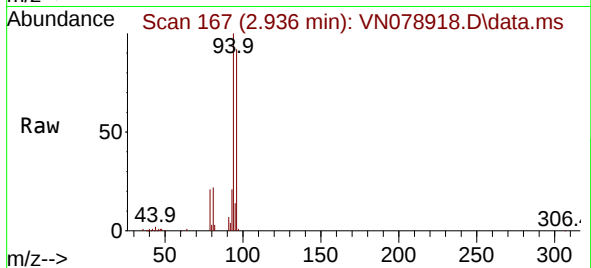
Tgt Ion: 62 Resp: 339619
Ion Ratio Lower Upper
62 100
64 30.2 23.8 35.8





#5
Bromomethane
Concen: 92.108 ug/l
RT: 2.936 min Scan# 10
Delta R.T. -0.018 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

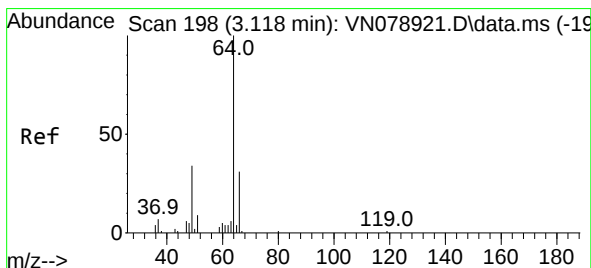
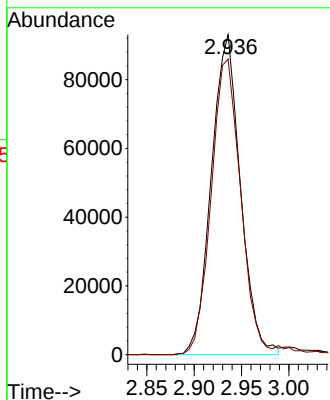
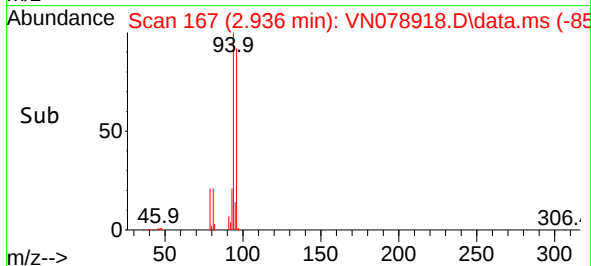
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 94 Resp: 198678
Ion Ratio Lower Upper
94 100
96 92.0 73.6 110.4

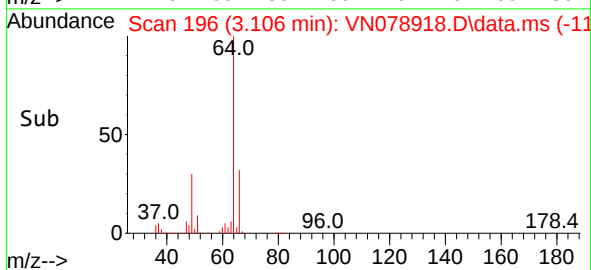
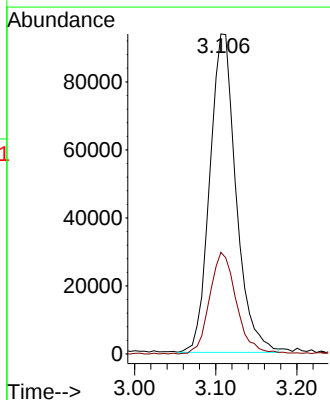
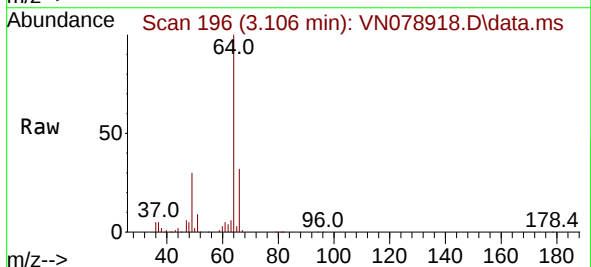
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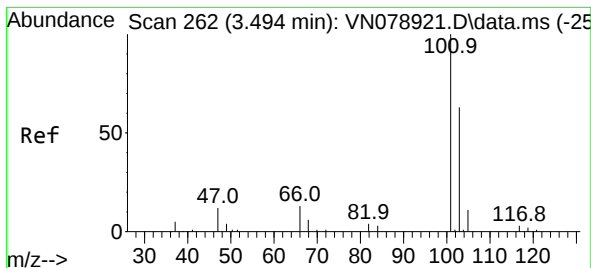
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#6
Chloroethane
Concen: 92.888 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 64 Resp: 210935
Ion Ratio Lower Upper
64 100
66 31.9 24.9 37.3





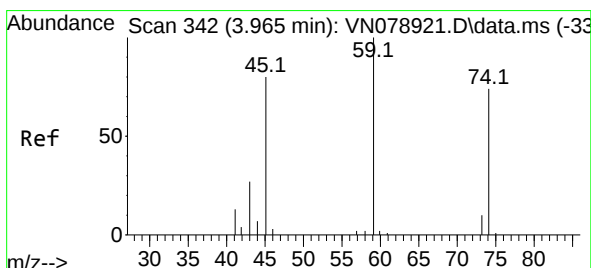
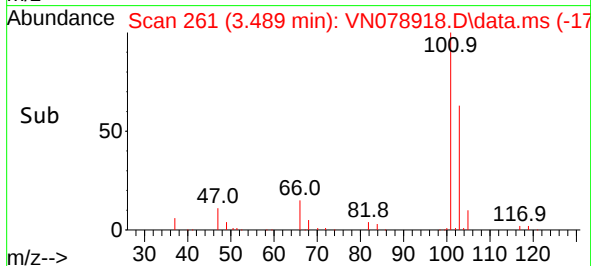
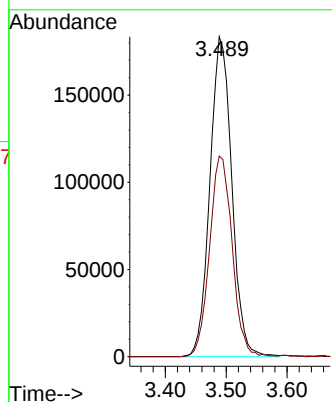
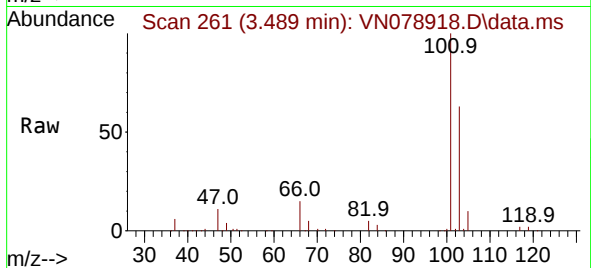
#7
Trichlorofluoromethane
Concen: 97.280 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Instrument :
MSVOA_N
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VSTDICC100

Tgt Ion:101 Resp: 45785
Ion Ratio Lower Upper
101 100
103 62.7 50.9 76.3

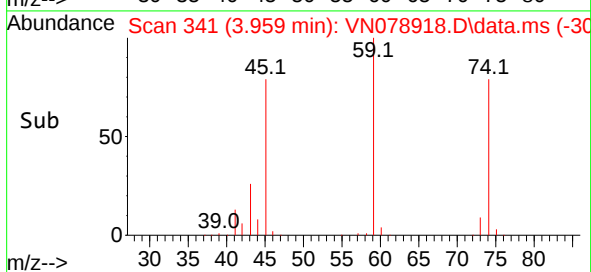
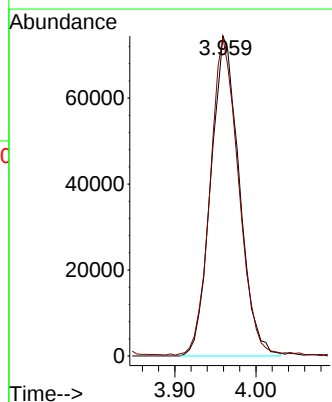
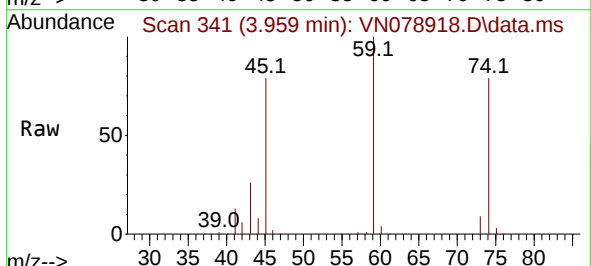
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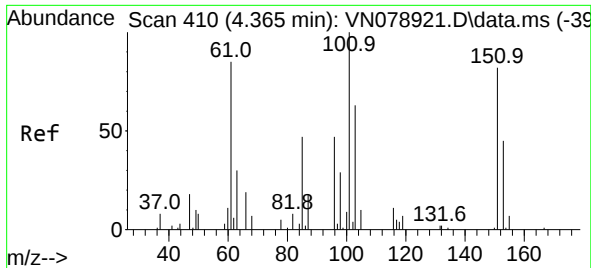
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#8
Diethyl Ether
Concen: 102.248 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 74 Resp: 181000
Ion Ratio Lower Upper
74 100
45 99.8 21.3 191.9





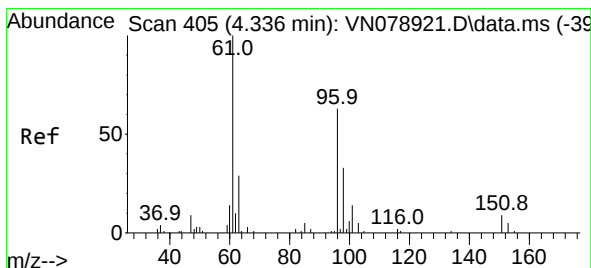
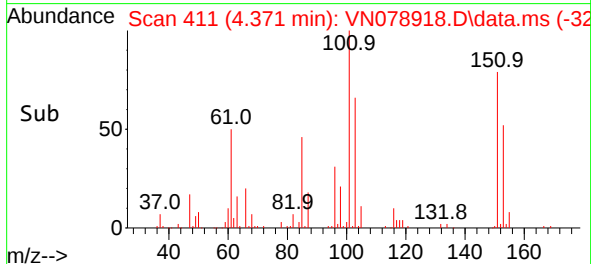
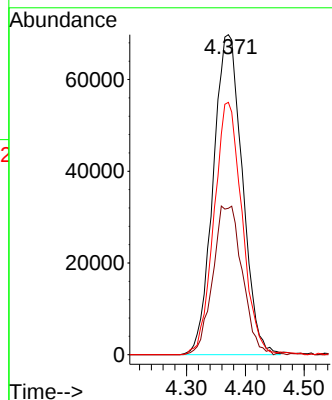
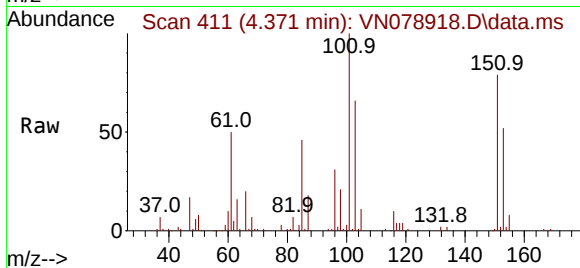
#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.847 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC100

Tgt Ion: 101 Resp: 240258
Ion Ratio Lower Upper
101 100
85 21.8 0.0 65.4
151 75.8 0.0 156.8

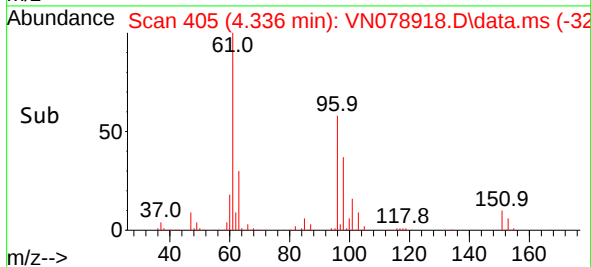
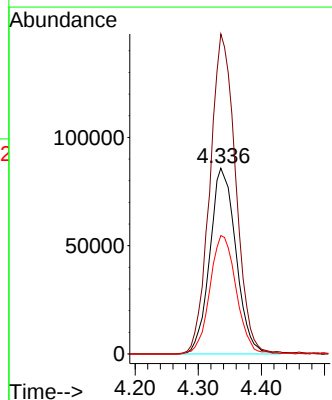
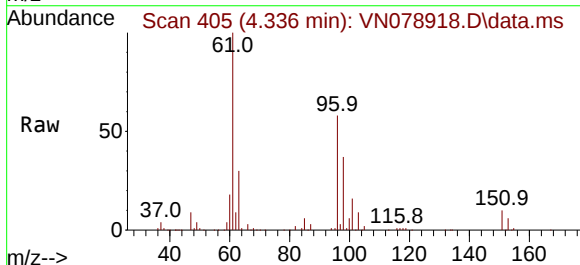
Manual Integrations
APPROVED

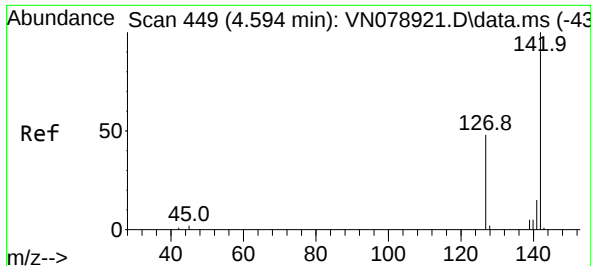
Reviewed By : John Carlone 08/18/2023
Supervised By : Semsettin Yesilyurt 08/18/2023



#10
1,1-Dichloroethene
Concen: 99.091 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

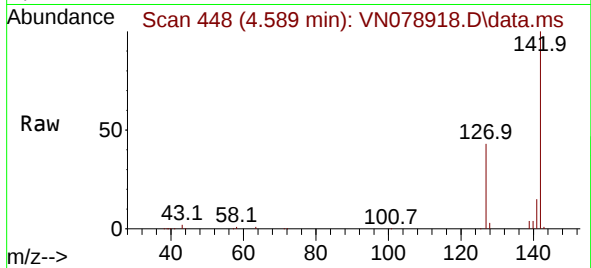
Tgt Ion: 96 Resp: 246772
Ion Ratio Lower Upper
96 100
61 172.0 126.2 189.4
98 63.7 41.7 62.5





#11
Methyl Iodide
Concen: 109.187 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

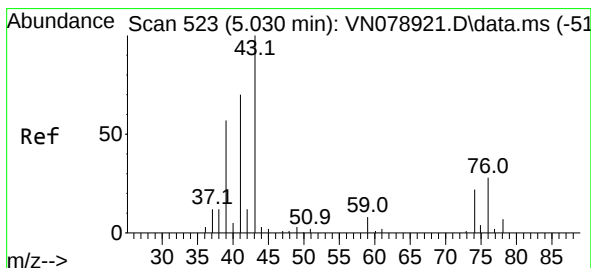
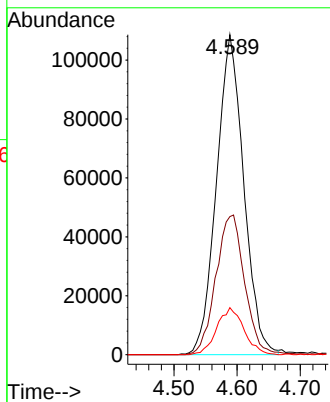
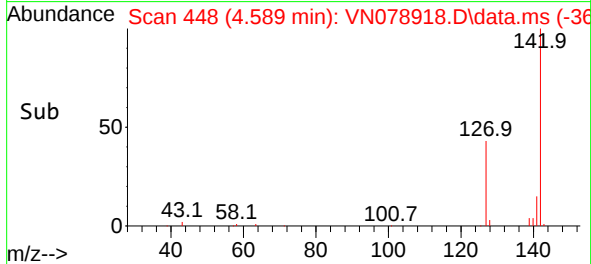
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



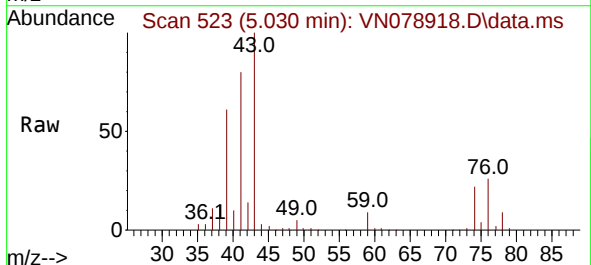
Tgt Ion:142 Resp: 325838
Ion Ratio Lower Upper
142 100
127 43.0 24.3 72.9
141 14.8 7.3 22.0

Manual Integrations
APPROVED

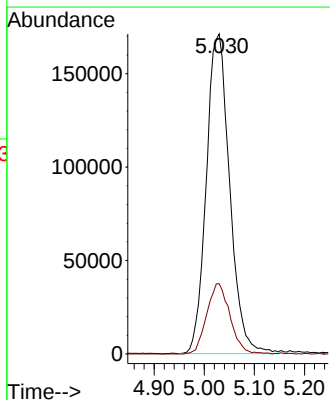
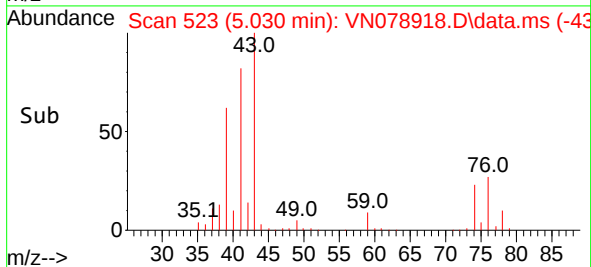
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

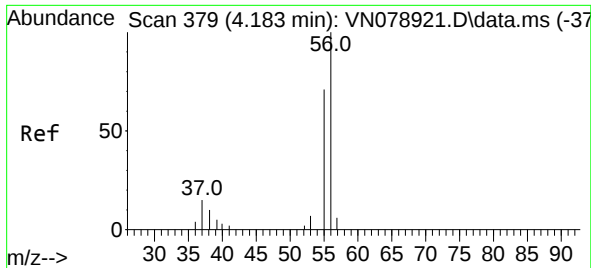


#12
Methyl Acetate
Concen: 95.758 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50



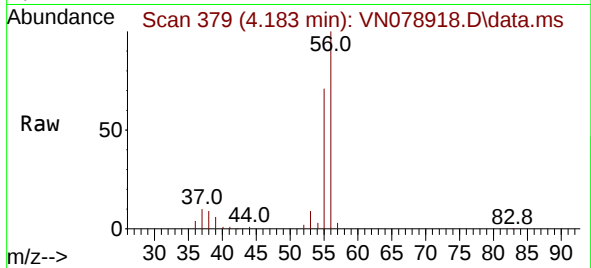
Tgt Ion: 43 Resp: 555069
Ion Ratio Lower Upper
43 100
74 22.0 17.5 26.3





#13
Acrolein
Concen: 408.258 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

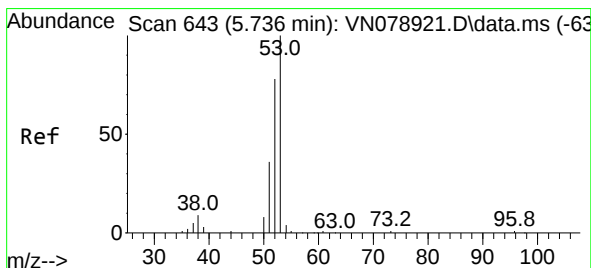
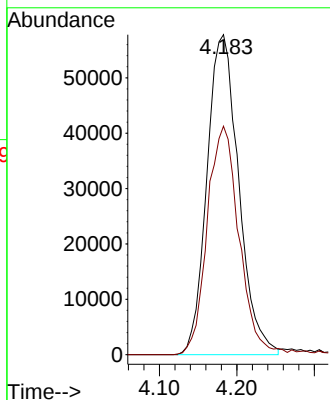
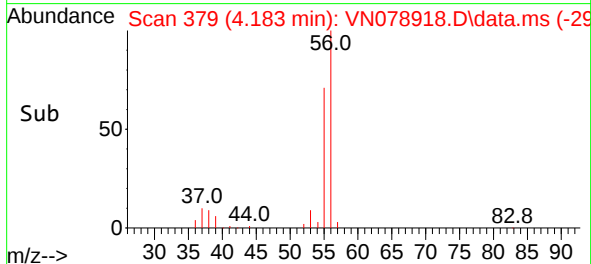
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 164948
Ion Ratio Lower Upper
56 100
55 70.7 54.5 81.7

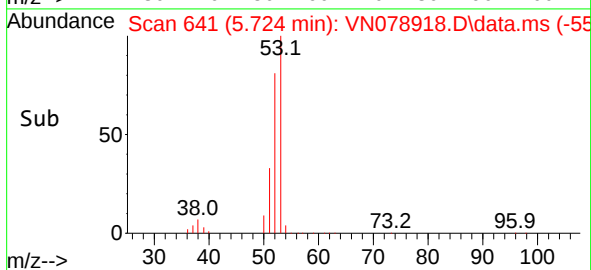
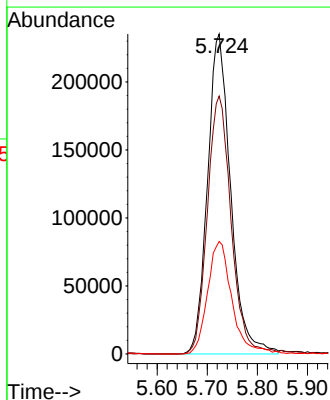
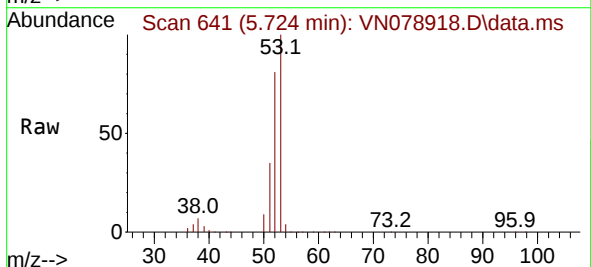
Manual Integrations
APPROVED

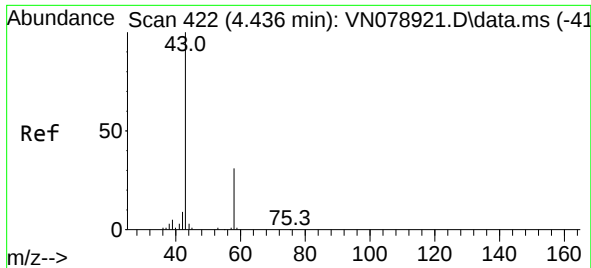
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#14
Acrylonitrile
Concen: 495.673 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.012 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 53 Resp: 755284
Ion Ratio Lower Upper
53 100
52 82.6 41.9 125.6
51 36.7 10.1 30.1#





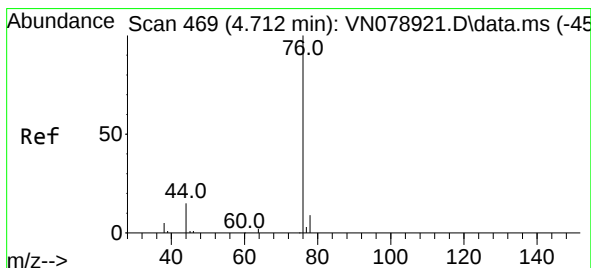
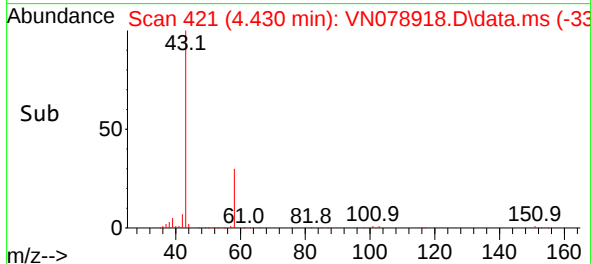
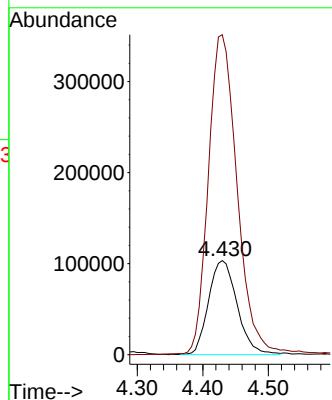
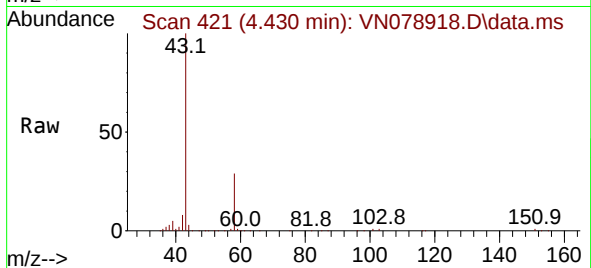
#15
Acetone
Concen: 668.873 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 58 Resp: 312995
Ion Ratio Lower Upper
58 100
43 339.3 260.6 390.8

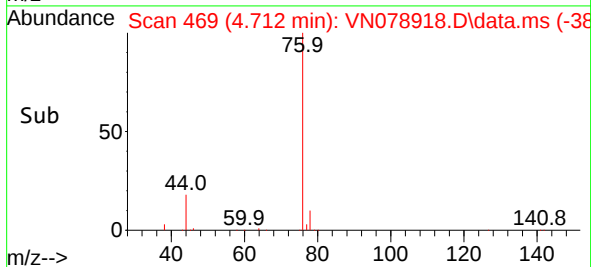
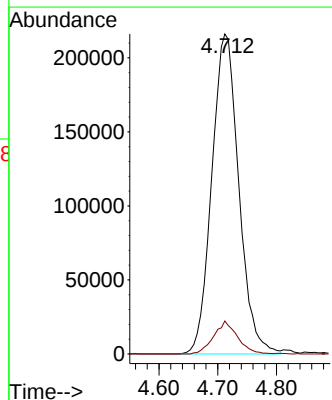
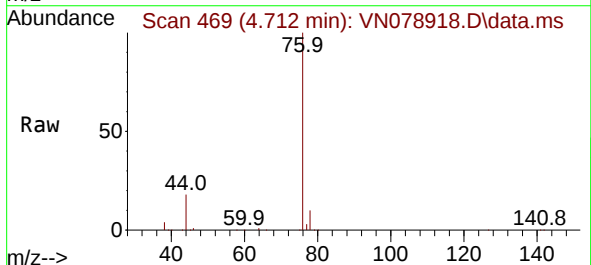
Manual Integrations
APPROVED

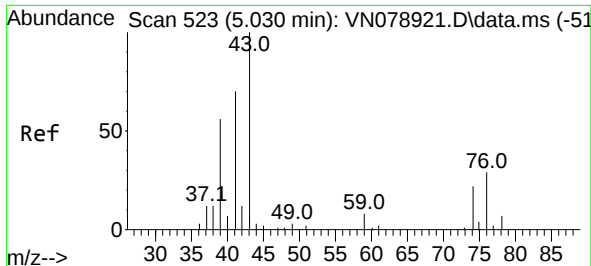
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#16
Carbon Disulfide
Concen: 97.076 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 76 Resp: 689783
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.6





#17

Allyl chloride

Concen: 101.593 ug/l

RT: 5.024 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

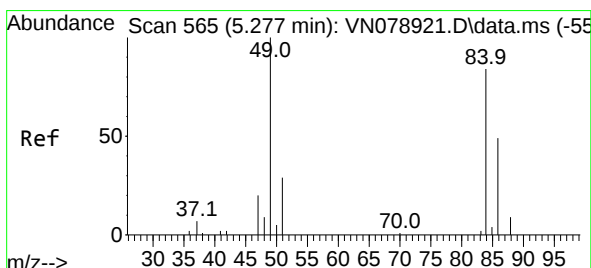
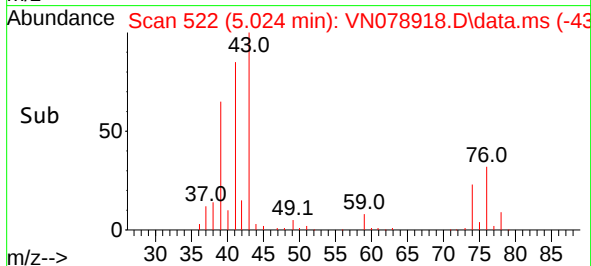
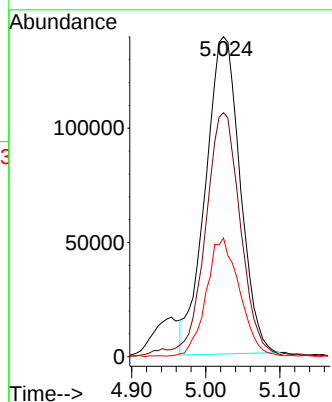
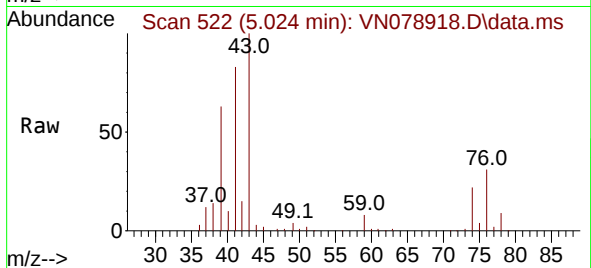
Tgt Ion: 41	Resp: 451319
Ion Ratio	Lower Upper
41 100	
39 76.6	36.9 110.7
76 37.2	17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#18

Methylene Chloride

Concen: 97.103 ug/l

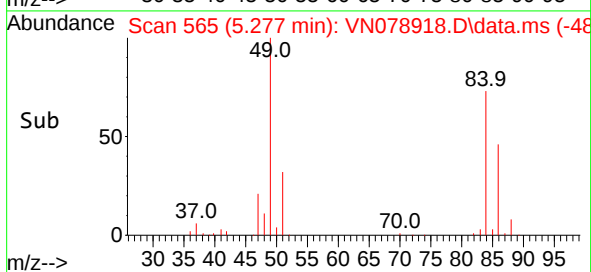
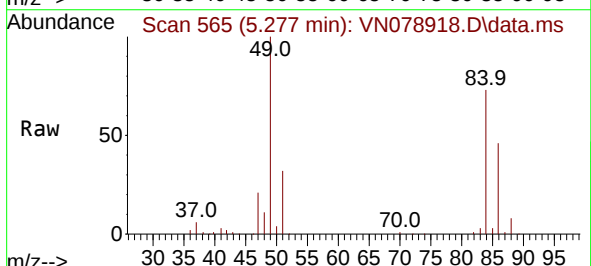
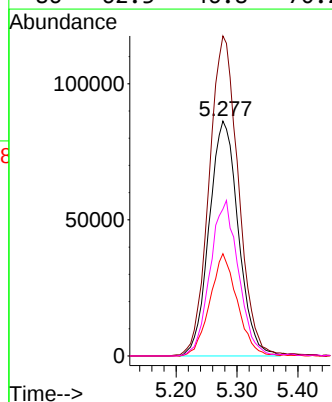
RT: 5.277 min Scan# 565

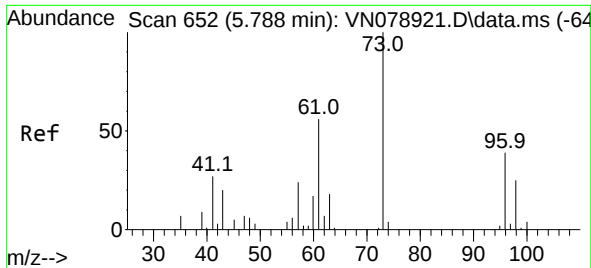
Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

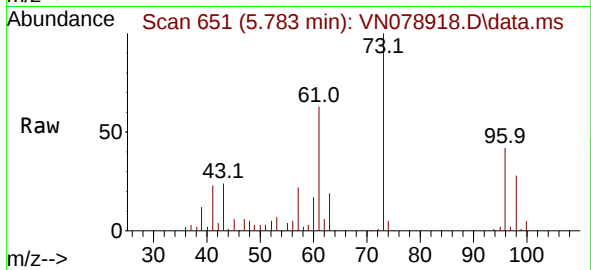
Tgt Ion: 84	Resp: 287074
Ion Ratio	Lower Upper
84 100	
49 135.7	95.8 143.6
51 43.5	28.6 43.0#
86 62.3	46.8 70.2





#19
trans-1,2-Dichloroethene
Concen: 98.038 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

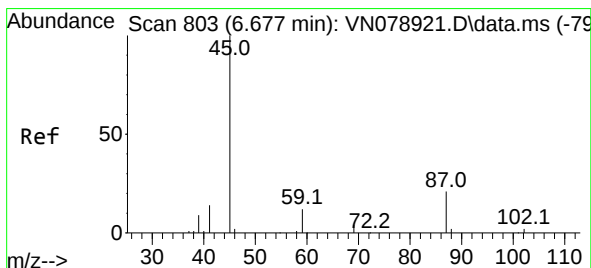
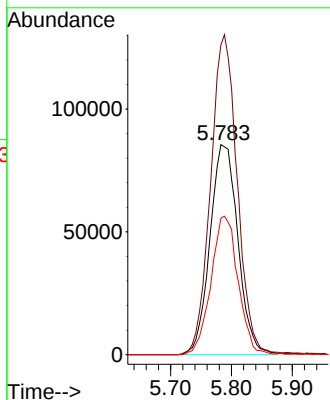
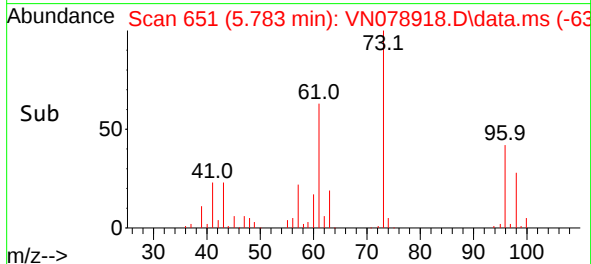
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 27286
Ion Ratio Lower Upper
96 100
61 147.5 114.0 171.0
98 64.9 50.6 76.0

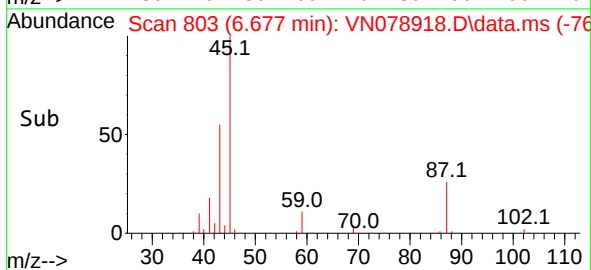
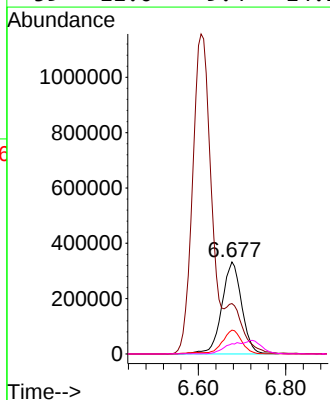
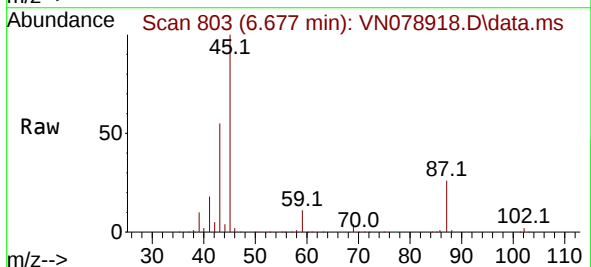
Manual Integrations
APPROVED

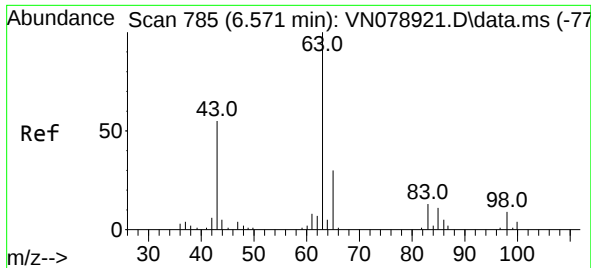
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#20
Diisopropyl ether
Concen: 105.951 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 45 Resp: 1044661
Ion Ratio Lower Upper
45 100
43 54.0 37.4 56.2
87 25.7 17.3 25.9
59 11.0 9.4 14.2





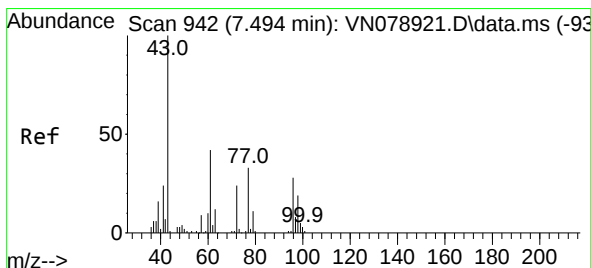
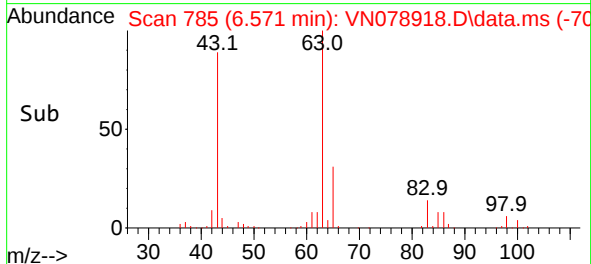
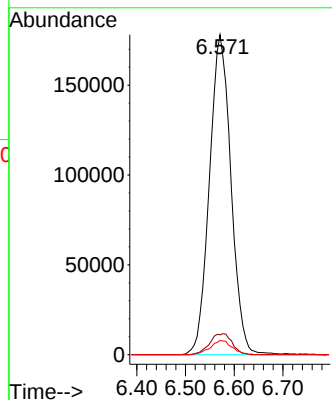
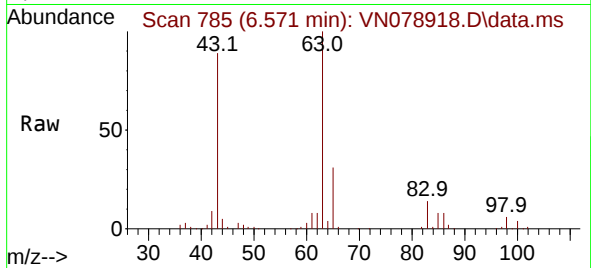
#21
1,1-Dichloroethane
Concen: 100.071 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 547500
Ion Ratio Lower Upper
63 100
98 6.2 4.4 13.2
100 4.5 2.1 6.5

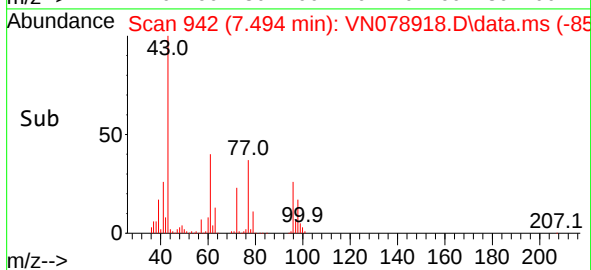
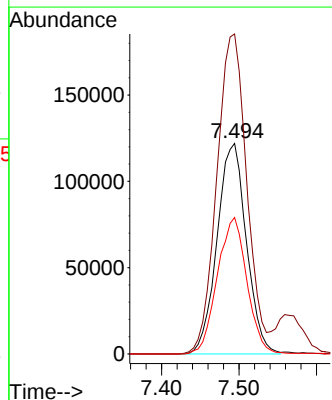
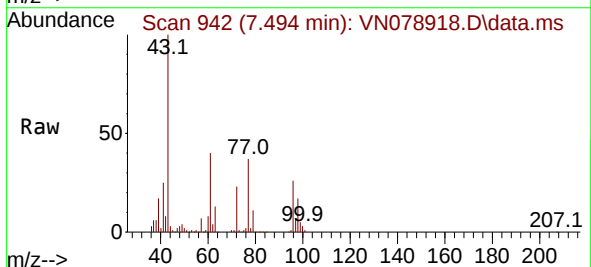
Manual Integrations
APPROVED

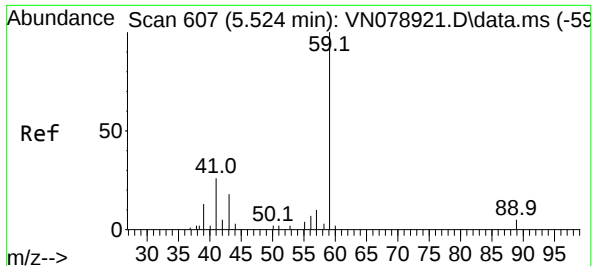
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#22
cis-1,2-Dichloroethene
Concen: 100.703 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 96 Resp: 320792
Ion Ratio Lower Upper
96 100
61 154.7 121.8 182.6
98 65.3 50.7 76.1





#23

tert-Butyl Alcohol

Concen: 475.115 ug/l

RT: 5.530 min Scan# 607

Delta R.T. 0.006 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 59 Resp: 27004

Ion Ratio Lower Upper

59 100

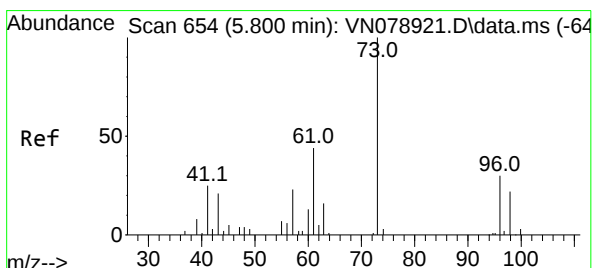
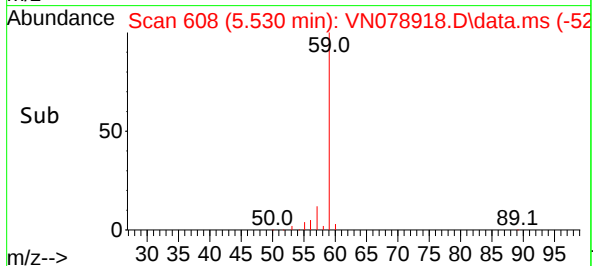
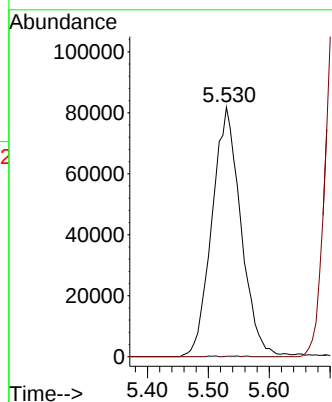
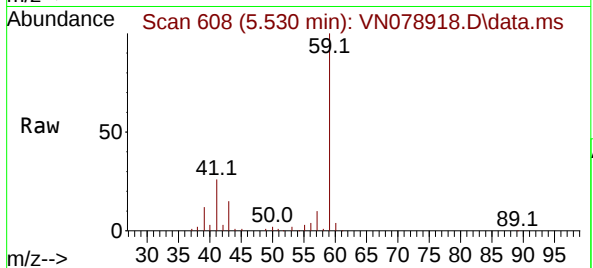
52 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#24

Methyl tert-Butyl Ether

Concen: 102.312 ug/l

RT: 5.794 min Scan# 653

Delta R.T. -0.006 min

Lab File: VN078918.D

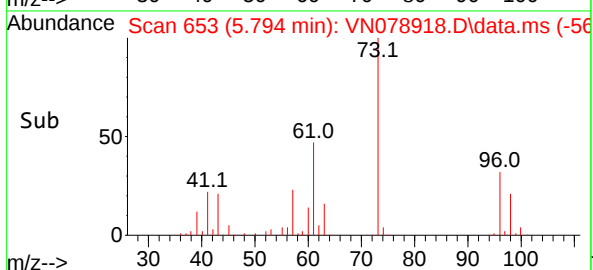
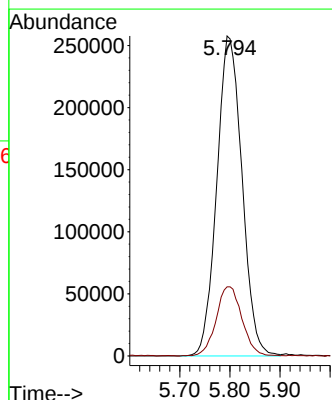
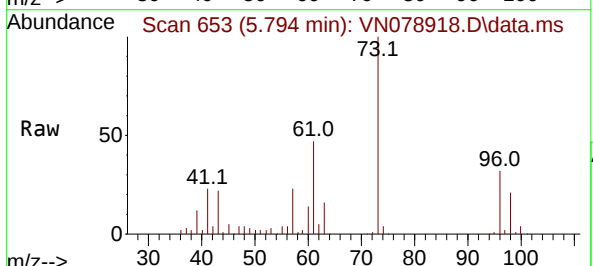
Acq: 17 Aug 2023 11:50

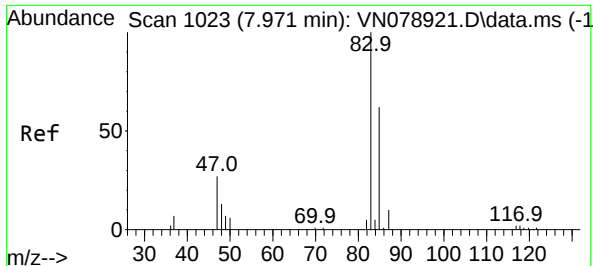
Tgt Ion: 73 Resp: 898577

Ion Ratio Lower Upper

73 100

43 22.0 17.3 25.9





#25

Chloroform

Concen: 98.656 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 543759

Ion Ratio Lower Upper

83 100

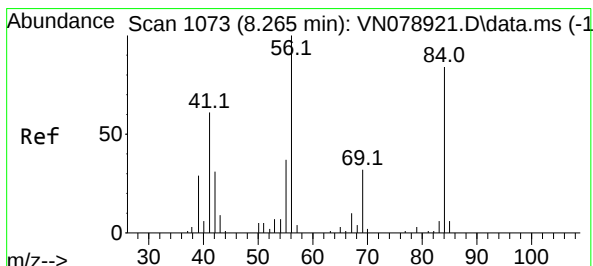
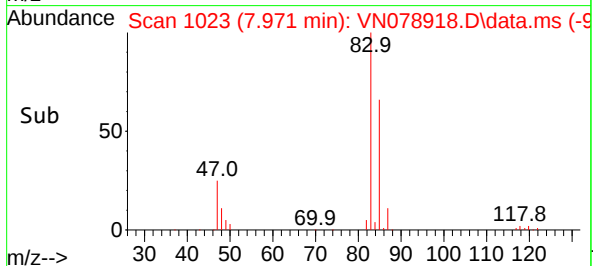
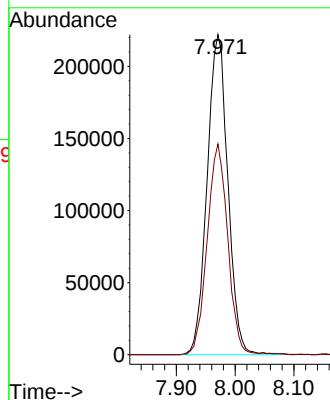
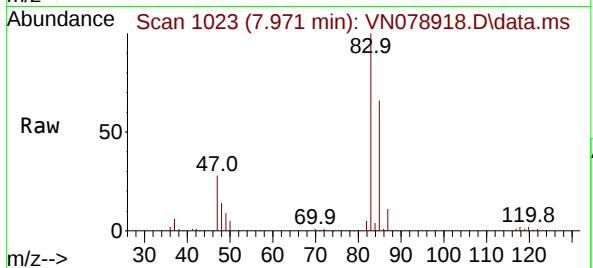
85 65.8 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#26

Cyclohexane

Concen: 101.350 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

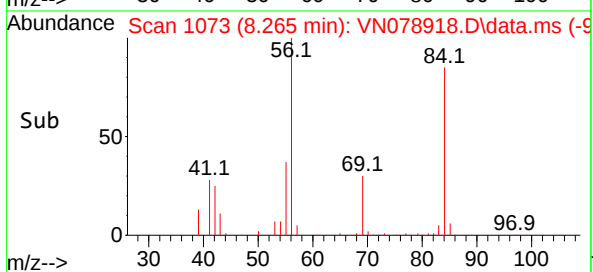
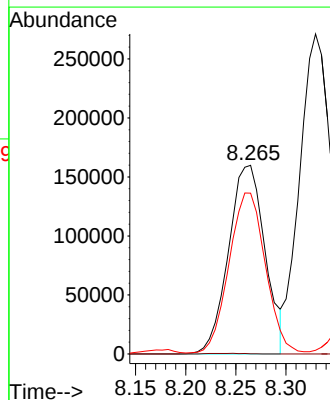
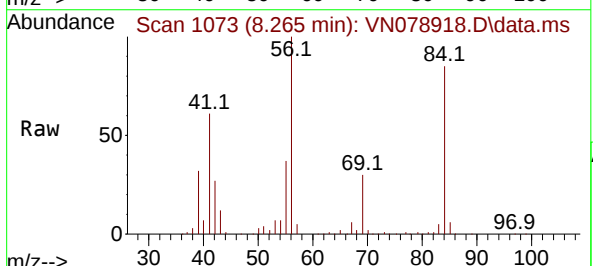
Tgt Ion: 56 Resp: 405621

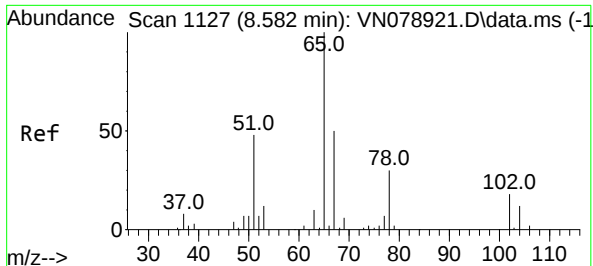
Ion Ratio Lower Upper

56 100

89 0.2 0.0 0.0#

84 85.8 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 29.417 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 111269

Ion Ratio Lower Upper

65 100

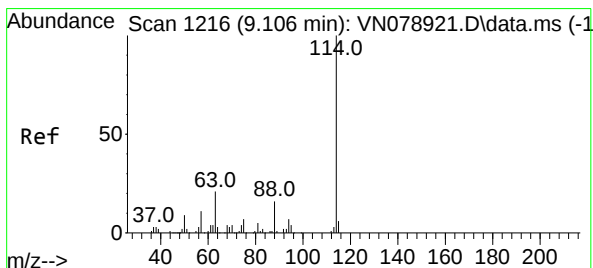
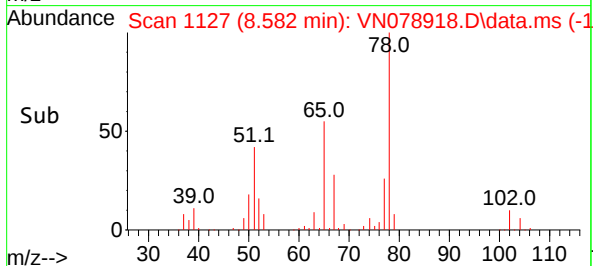
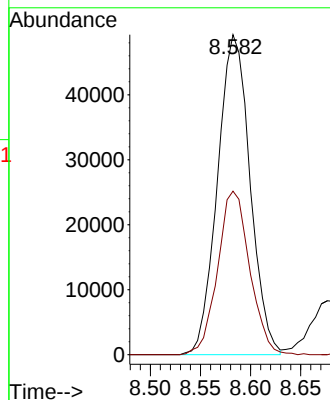
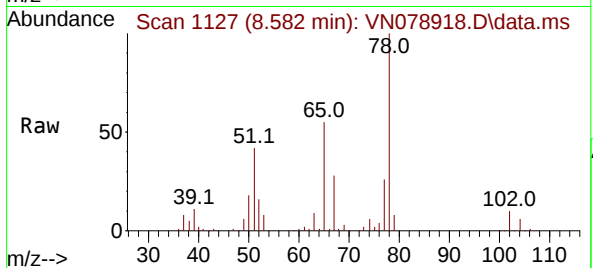
67 50.4 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

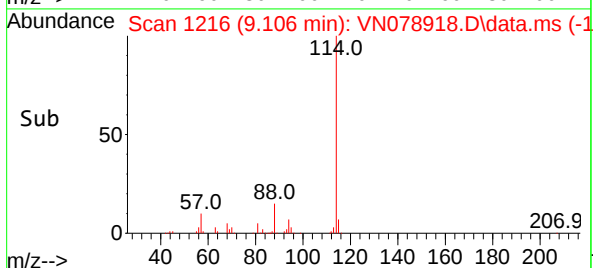
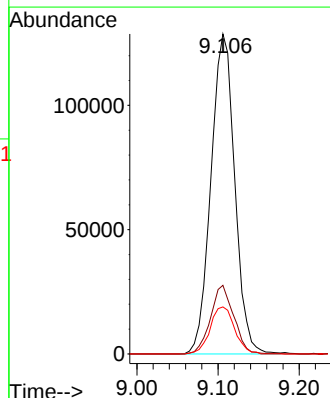
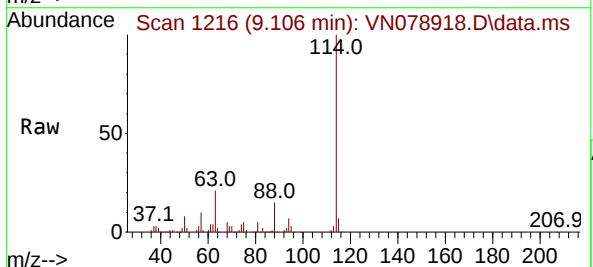
Tgt Ion:114 Resp: 262095

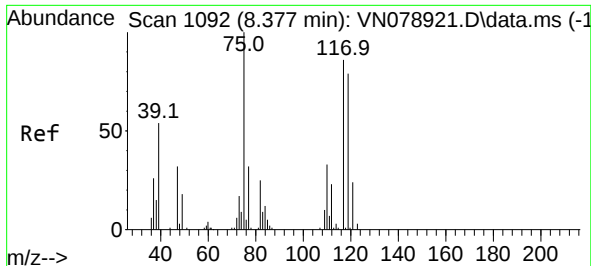
Ion Ratio Lower Upper

114 100

63 20.9 17.4 26.2

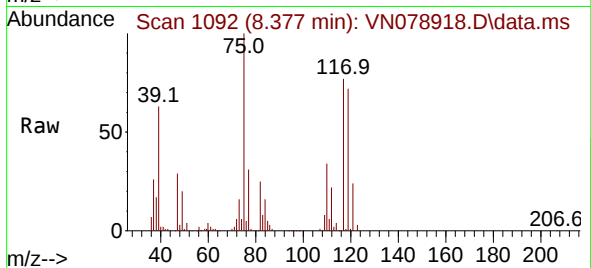
88 15.1 12.0 18.0





#29
1,1-Dichloropropene
Concen: 104.926 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

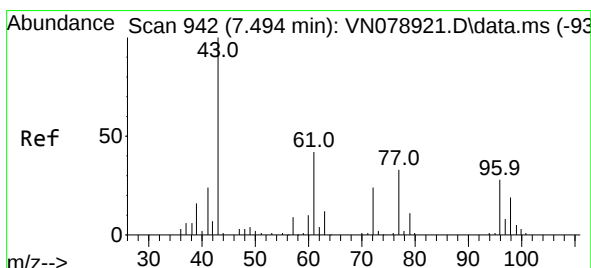
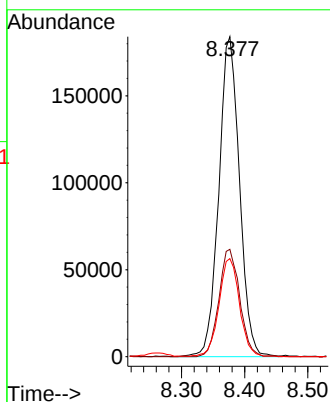
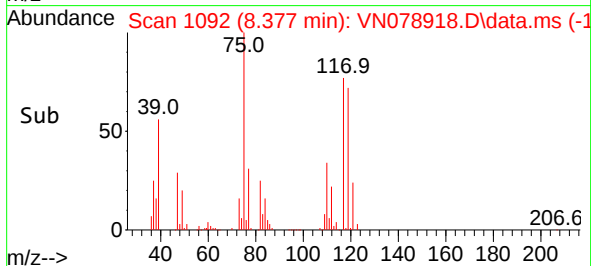
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



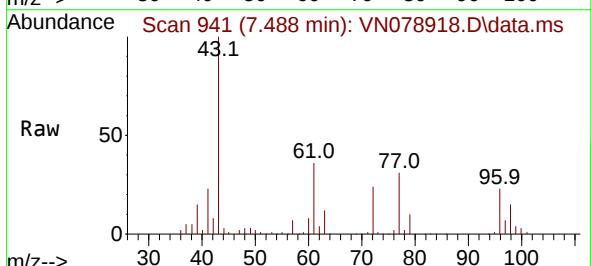
Tgt Ion: 75 Resp: 418340
Ion Ratio Lower Upper
75 100
110 33.7 0.0 65.8
77 30.5 0.0 60.4

Manual Integrations
APPROVED

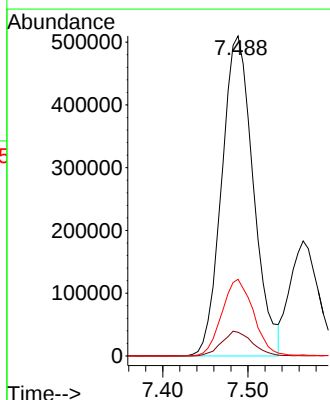
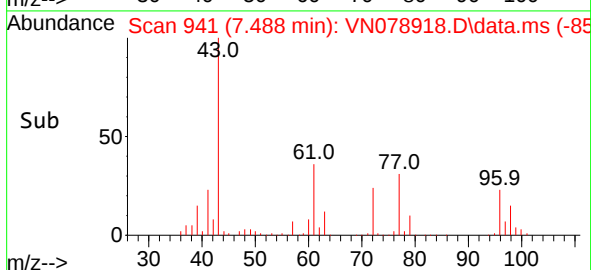
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

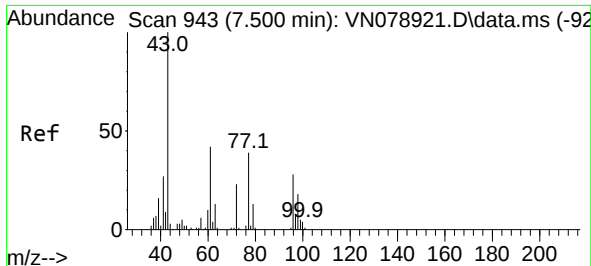


#30
2-Butanone
Concen: 564.643 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50



Tgt Ion: 43 Resp: 1317908
Ion Ratio Lower Upper
43 100
57 7.5 6.2 9.4
72 23.9 19.4 29.2





#31

2,2-Dichloropropane

Concen: 108.422 ug/l

RT: 7.494 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 77 Resp: 477752

Ion Ratio Lower Upper

77 100

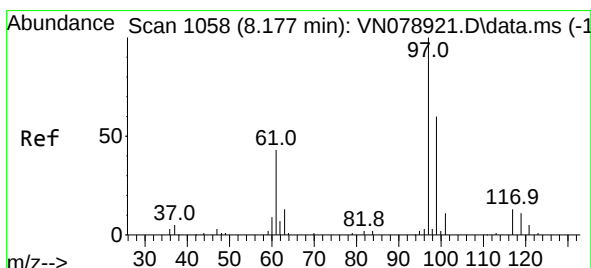
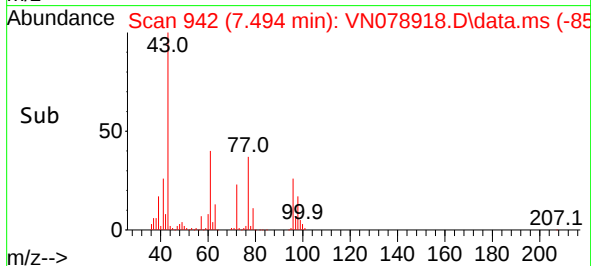
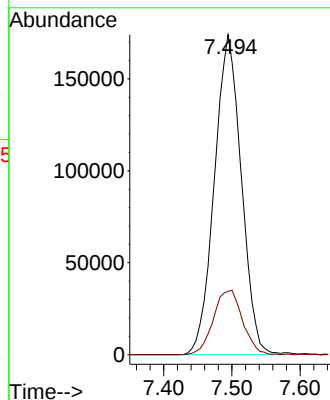
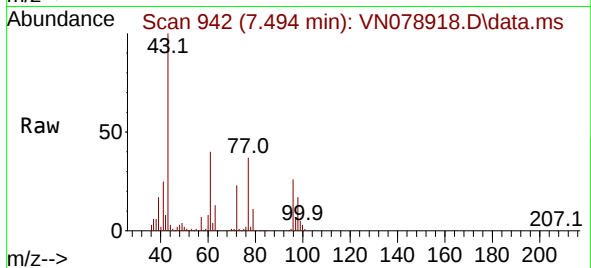
97 21.8 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#32

1,1,1-Trichloroethane

Concen: 99.441 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

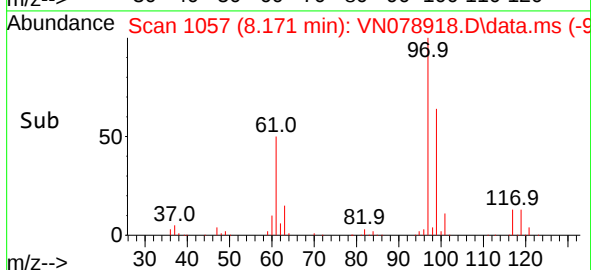
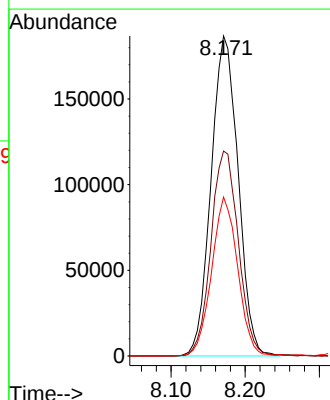
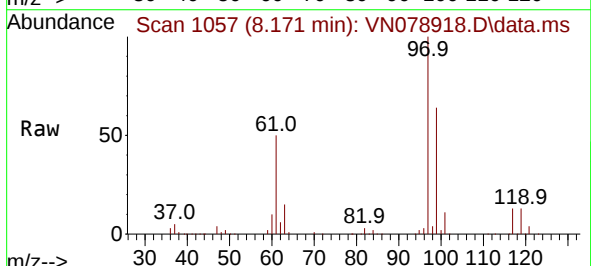
Tgt Ion: 97 Resp: 473353

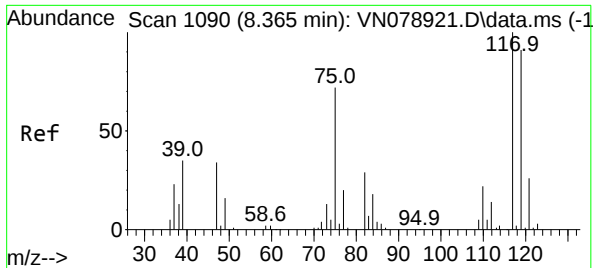
Ion Ratio Lower Upper

97 100

99 64.9 52.0 78.0

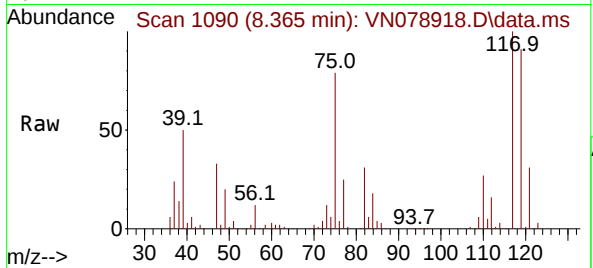
61 47.9 37.0 55.6





#33
Carbon Tetrachloride
Concen: 102.174 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

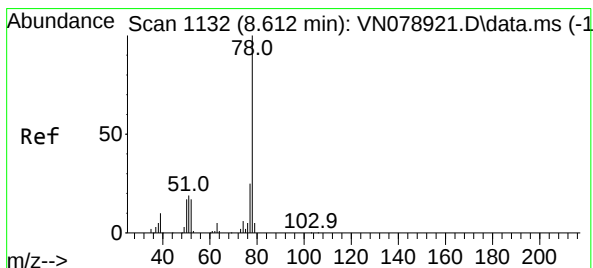
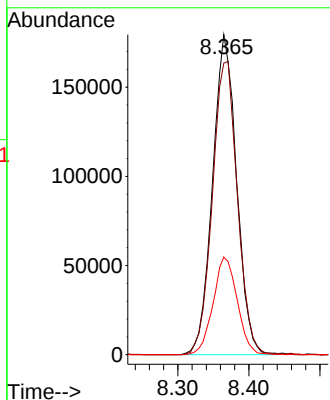
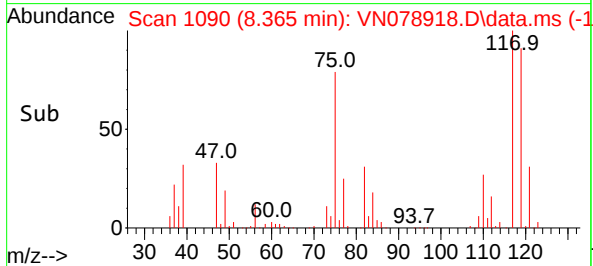
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 421275
Ion Ratio Lower Upper
117 100
119 91.1 72.6 108.8
121 30.5 20.7 31.1

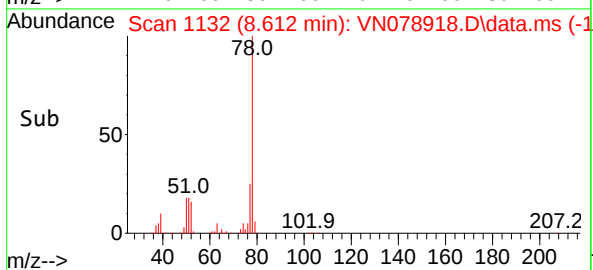
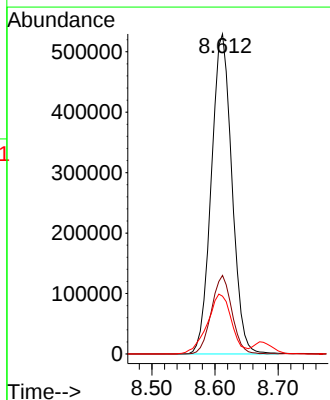
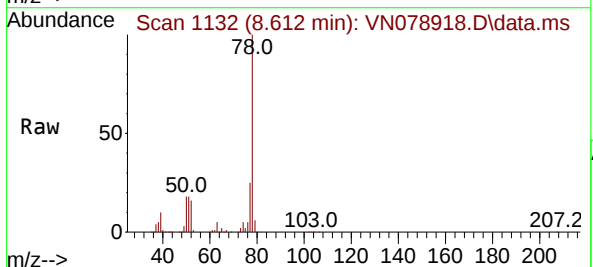
Manual Integrations
APPROVED

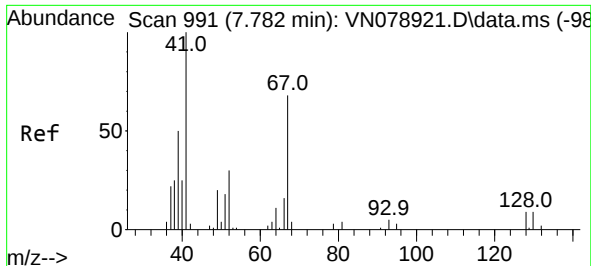
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#34
Benzene
Concen: 100.430 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

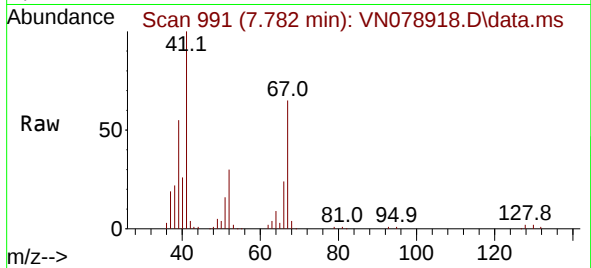
Tgt Ion: 78 Resp: 1199946
Ion Ratio Lower Upper
78 100
77 24.6 19.9 29.9
51 18.0 14.8 22.2





#35
Methacrylonitrile
Concen: 96.065 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

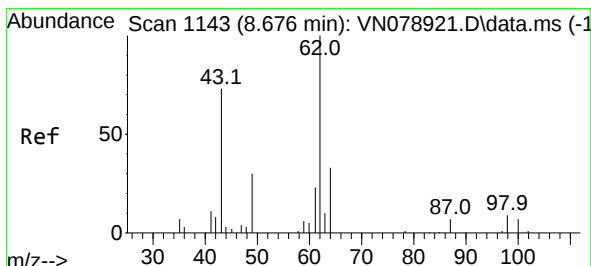
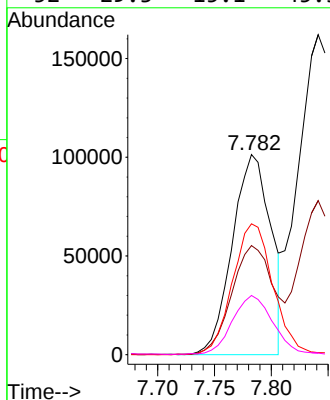
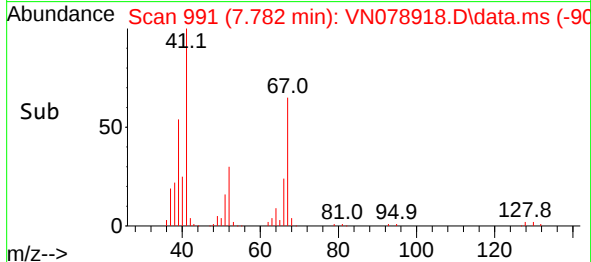
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 238980
Ion Ratio Lower Upper
41 100
39 54.2 25.0 75.0
67 65.2 34.0 102.0
52 29.3 15.1 45.3

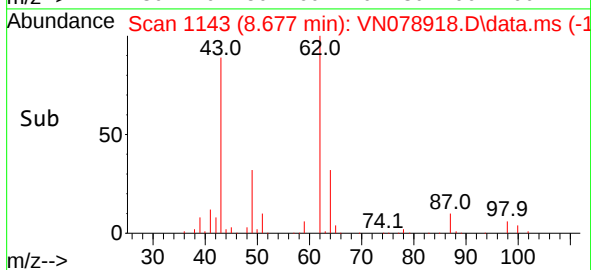
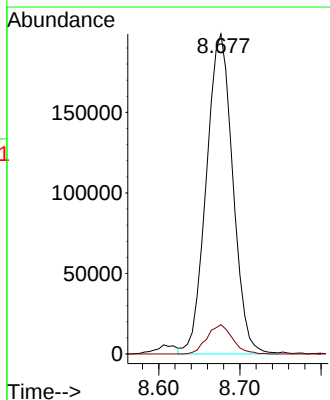
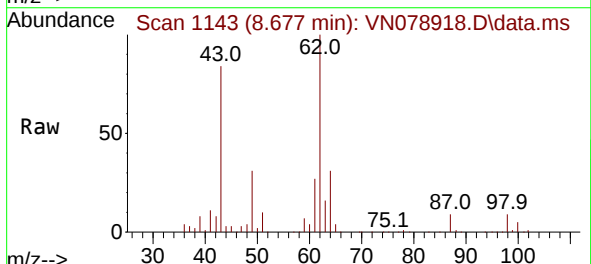
Manual Integrations
APPROVED

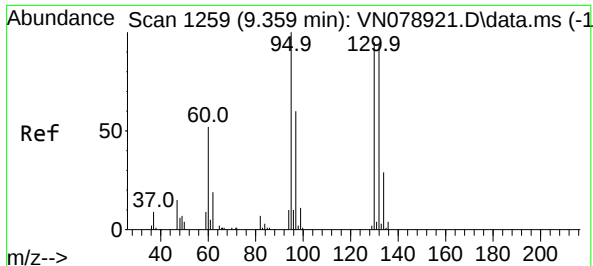
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#36
1,2-Dichloroethane
Concen: 100.652 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

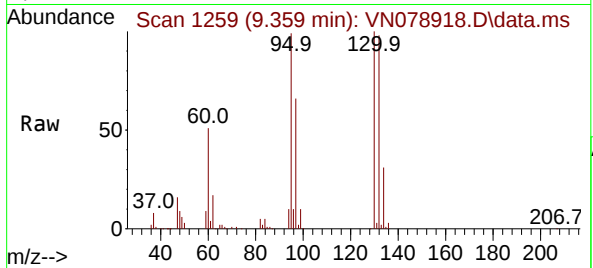
Tgt Ion: 62 Resp: 450347
Ion Ratio Lower Upper
62 100
98 8.8 8.1 12.1





#37
Trichloroethene
Concen: 101.335 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

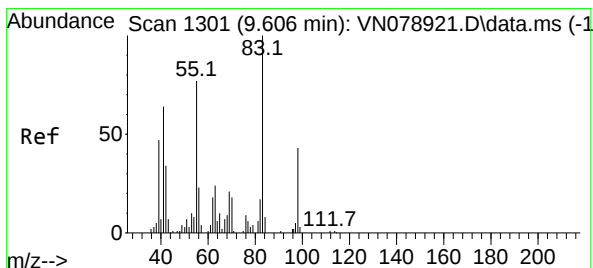
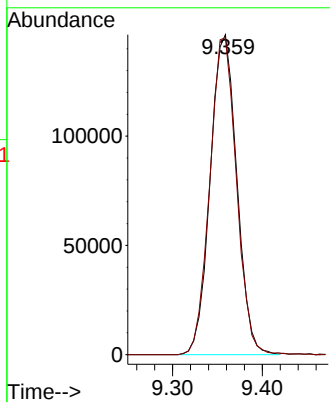
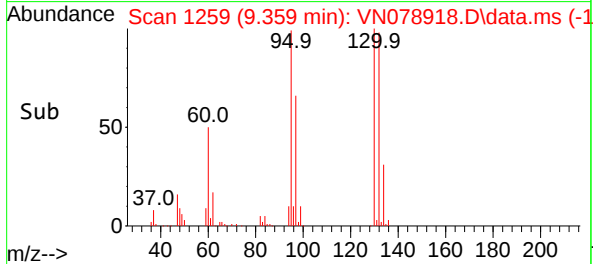
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



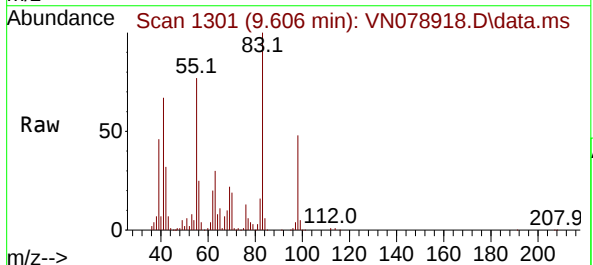
Tgt Ion:130 Resp: 30138
Ion Ratio Lower Upper
130 100
95 99.0 84.6 127.0

Manual Integrations
APPROVED

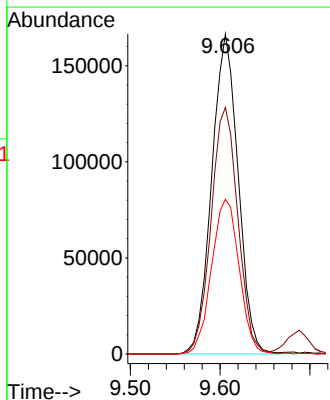
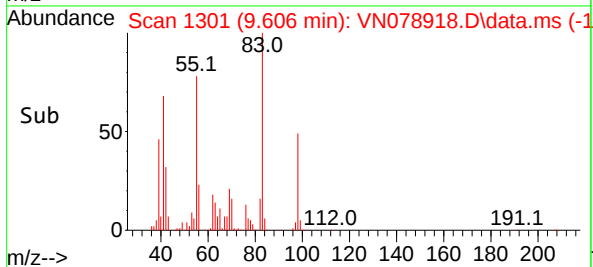
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

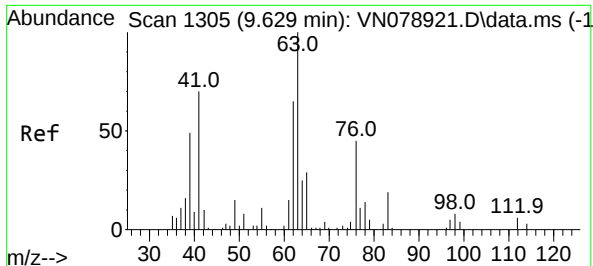


#38
Methylcyclohexane
Concen: 96.925 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50



Tgt Ion: 83 Resp: 340223
Ion Ratio Lower Upper
83 100
55 78.2 40.2 120.6
98 50.5 24.1 72.3





#39

1,2-Dichloropropane

Concen: 100.804 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 32442

Ion Ratio Lower Upper

63 100

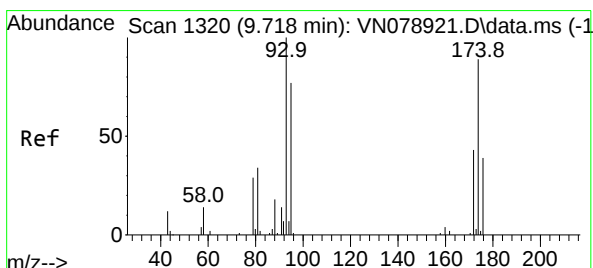
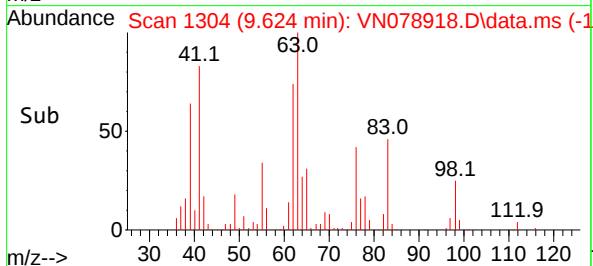
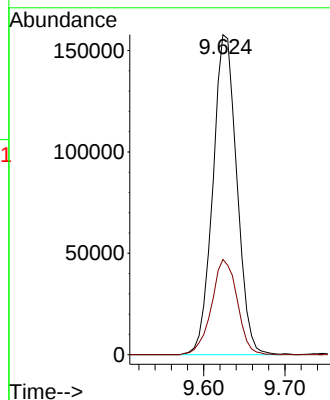
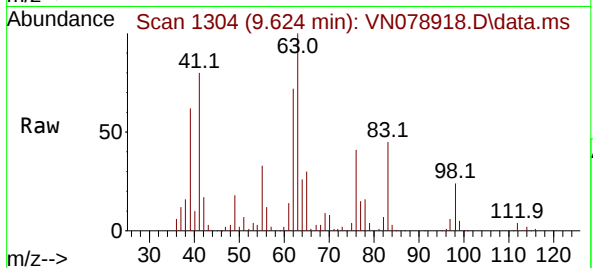
65 29.8 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#40

Dibromomethane

Concen: 97.315 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

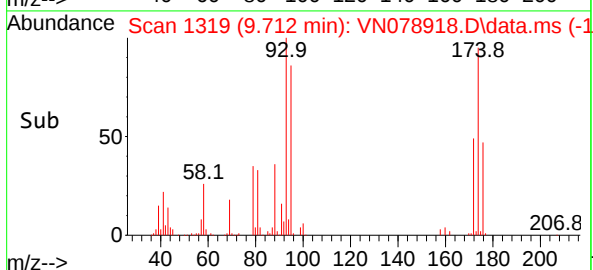
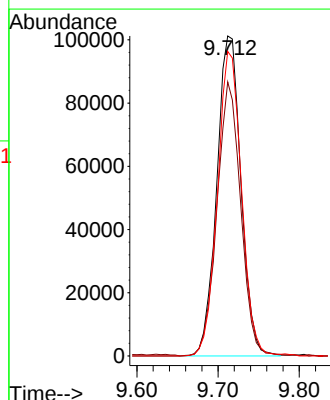
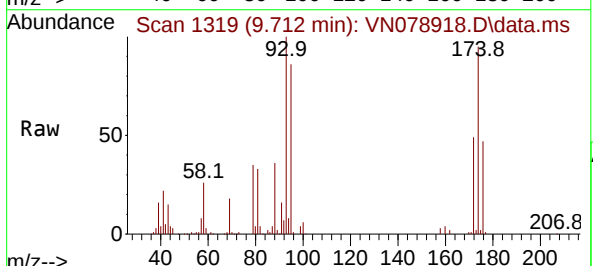
Tgt Ion: 93 Resp: 209938

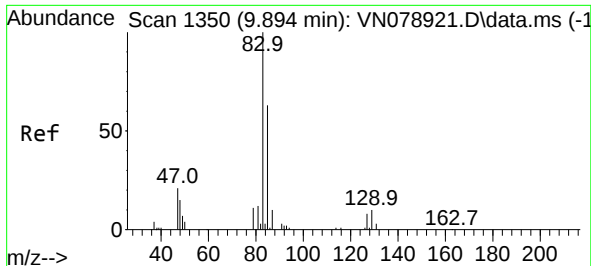
Ion Ratio Lower Upper

93 100

95 83.9 0.0 162.0

174 94.5 0.0 188.6





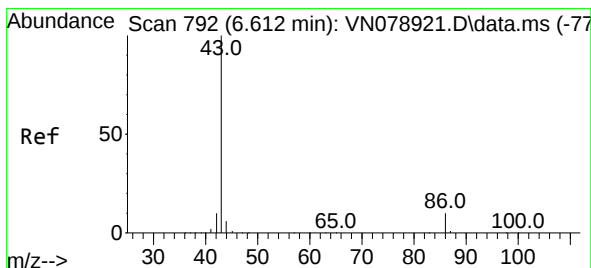
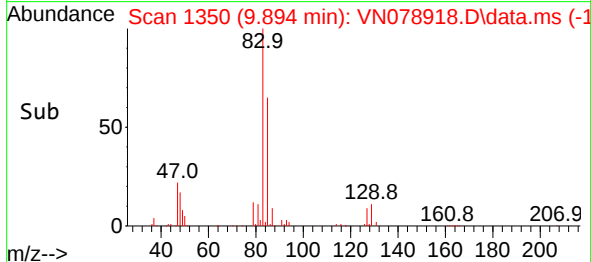
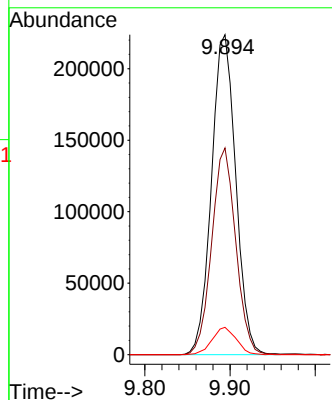
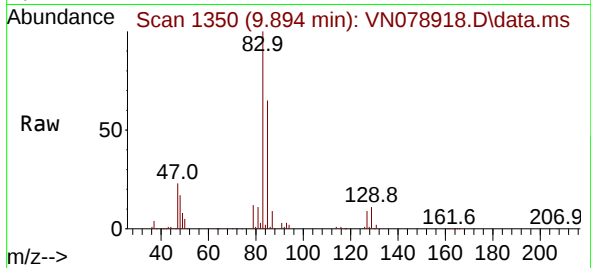
#41
Bromodichloromethane
Concen: 102.092 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 442915
Ion Ratio Lower Upper
83 100
85 64.6 50.2 75.2
127 8.5 6.2 9.4

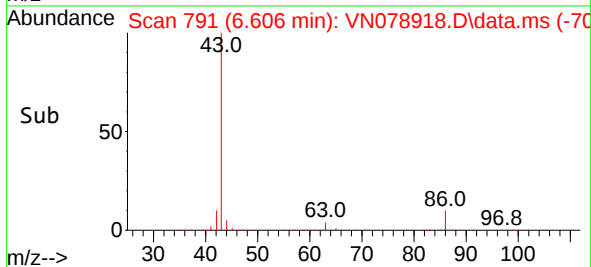
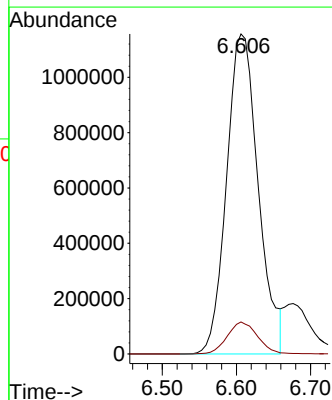
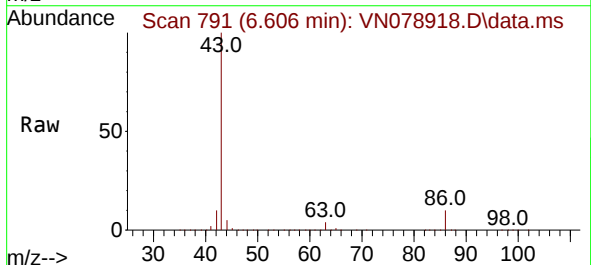
Manual Integrations
APPROVED

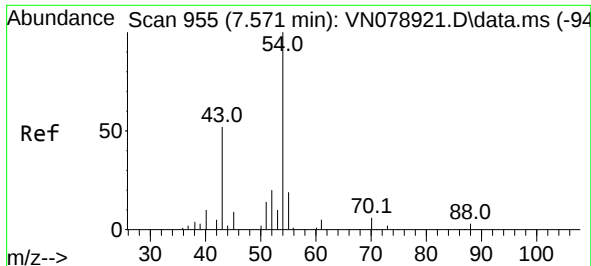
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#42
Vinyl Acetate
Concen: 522.103 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 43 Resp: 3435804
Ion Ratio Lower Upper
43 100
86 9.6 7.4 11.0





#43

Ethyl Acetate

Concen: 97.818 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 43418

Ion Ratio Lower Upper

43 100

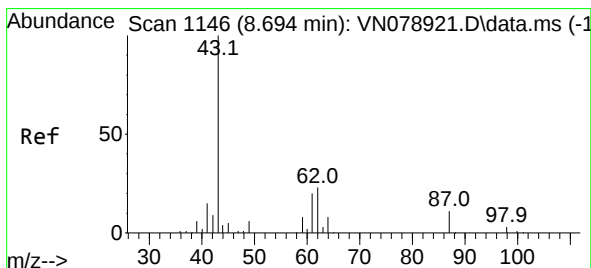
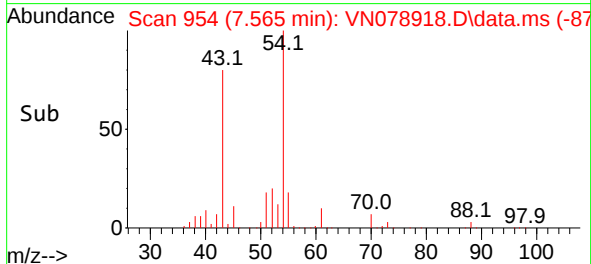
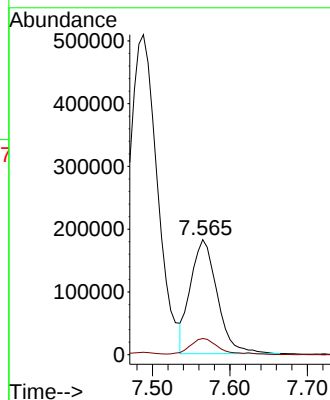
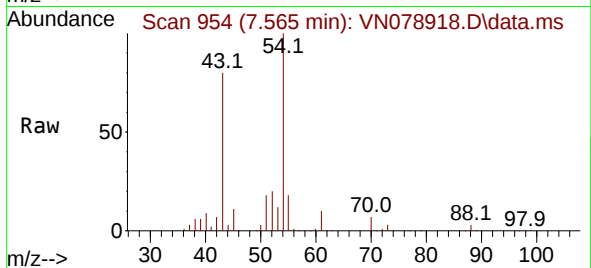
45 13.3 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#44

Isopropyl Acetate

Concen: 98.291 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078918.D

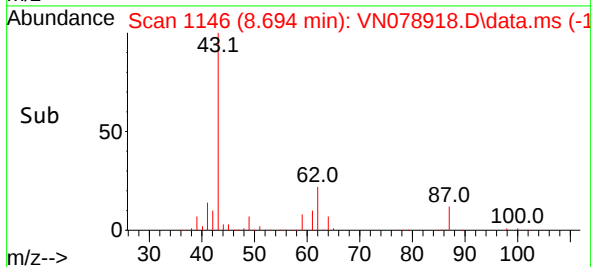
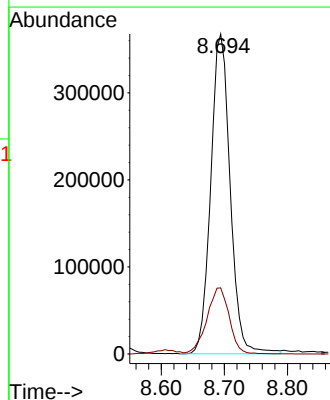
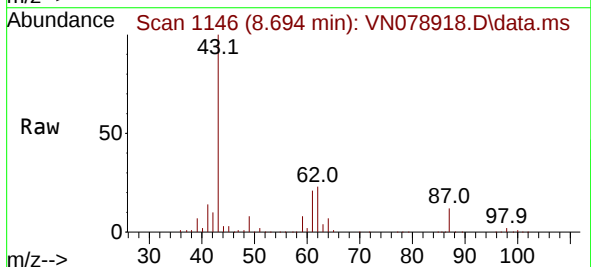
Acq: 17 Aug 2023 11:50

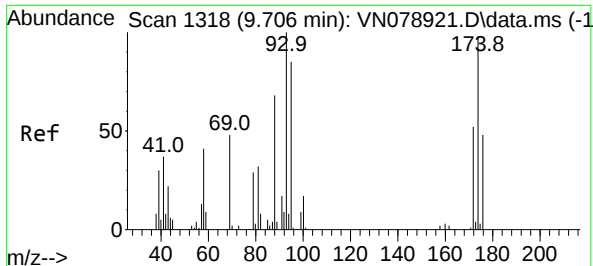
Tgt Ion: 43 Resp: 784234

Ion Ratio Lower Upper

43 100

61 23.8 19.0 28.4





#45

1,4-Dioxane

Concen: 1960.649 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 117719

Ion Ratio Lower Upper

88 100

43 33.0 28.1 42.1

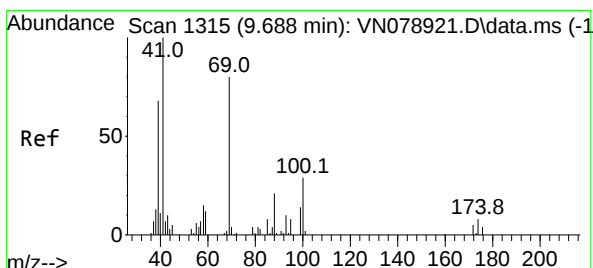
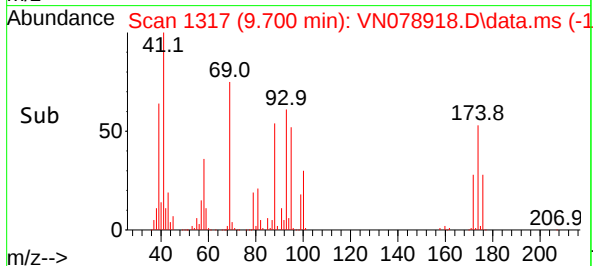
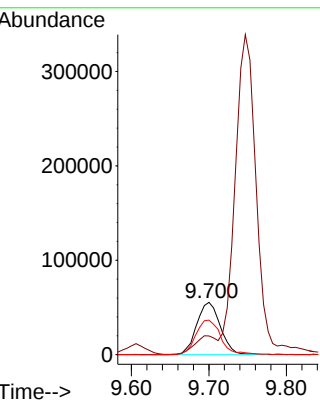
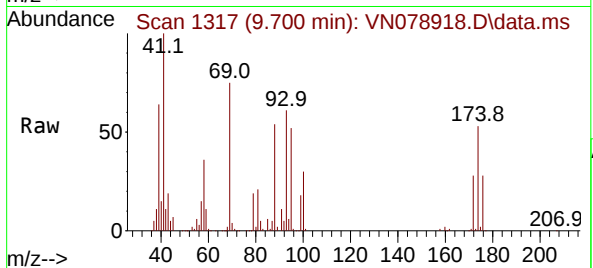
58 69.4 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#46

Methyl methacrylate

Concen: 106.487 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

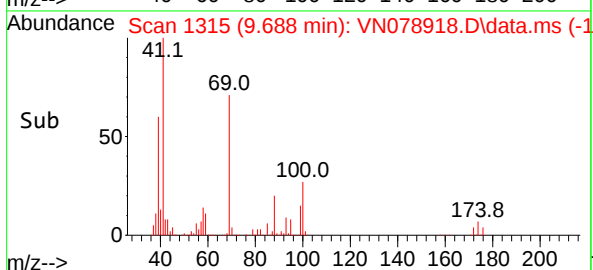
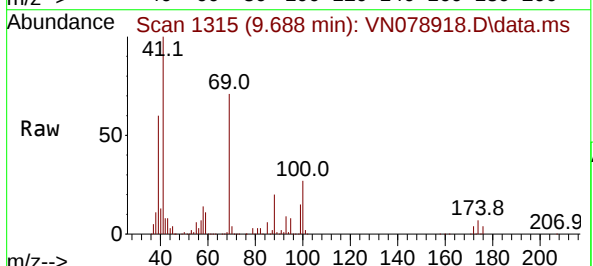
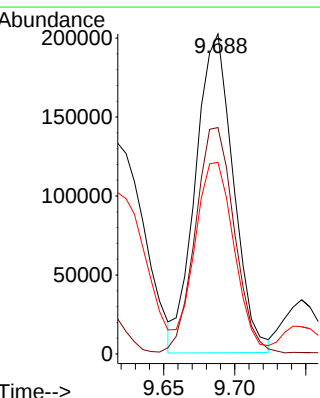
Tgt Ion: 41 Resp: 374338

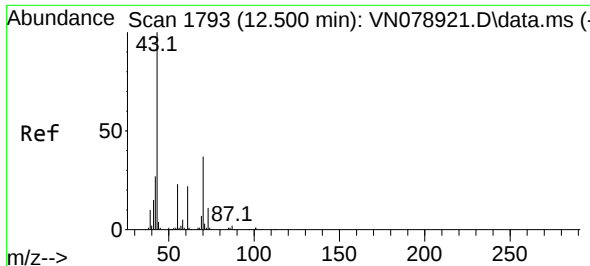
Ion Ratio Lower Upper

41 100

69 72.4 38.5 115.5

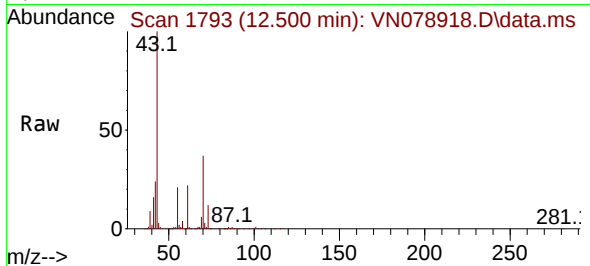
39 60.0 35.9 107.8





#47
n-amy1 Acetate
Concen: 113.086 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

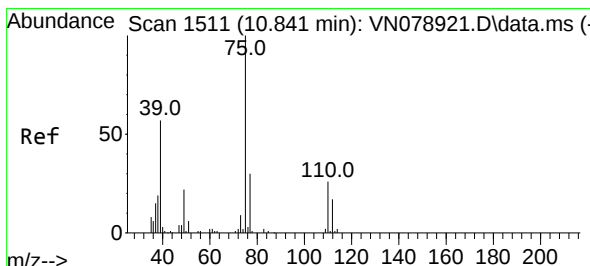
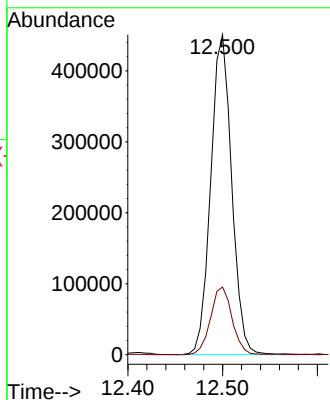
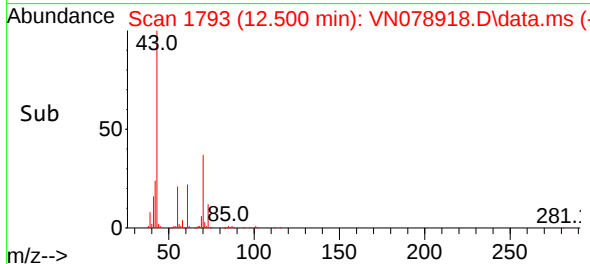
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 692388
Ion Ratio Lower Upper
43 100
55 21.8 17.5 26.3

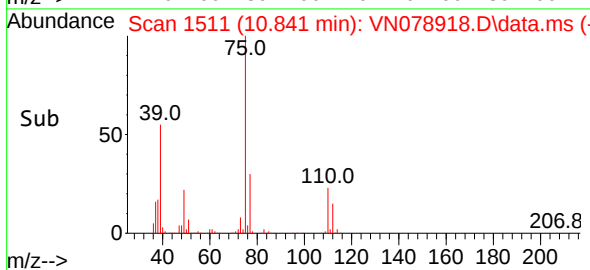
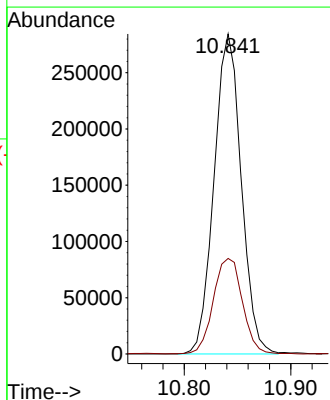
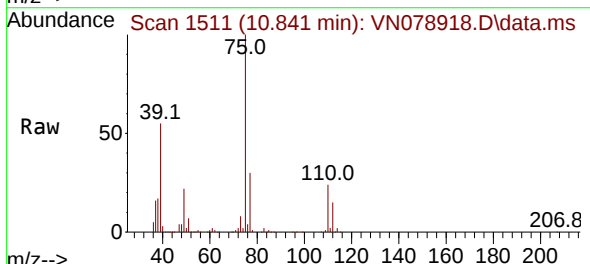
Manual Integrations
APPROVED

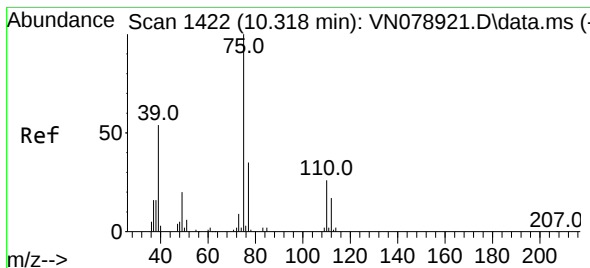
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#48
t-1,3-Dichloropropene
Concen: 109.042 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

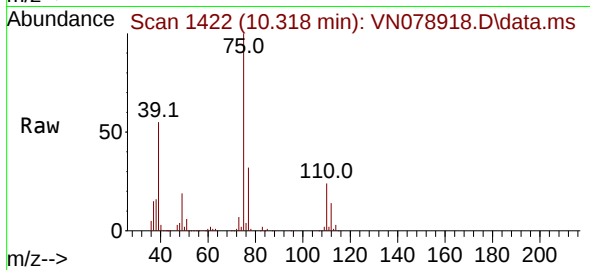
Tgt Ion: 75 Resp: 503842
Ion Ratio Lower Upper
75 100
77 29.7 23.7 35.5





#49
 cis-1,3-Dichloropropene
 Concen: 106.193 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078918.D
 Acq: 17 Aug 2023 11:50

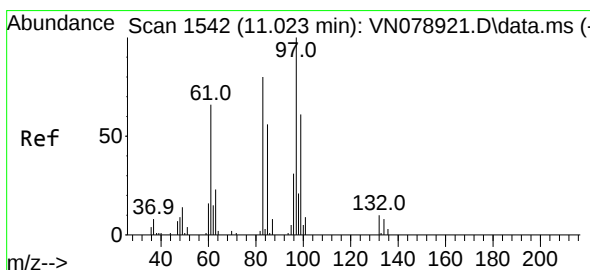
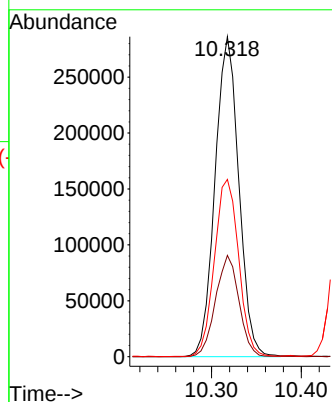
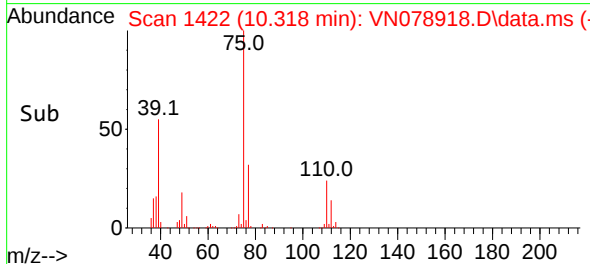
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 75 Resp: 526149
 Ion Ratio Lower Upper
 75 100
 77 31.6 27.8 41.8
 39 55.3 43.5 65.3

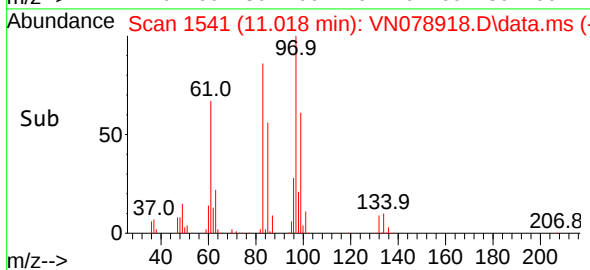
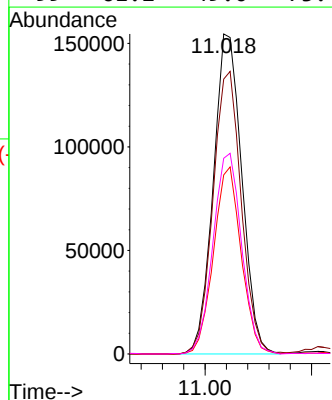
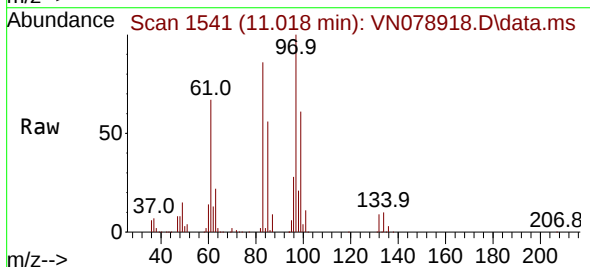
Manual Integrations
 APPROVED

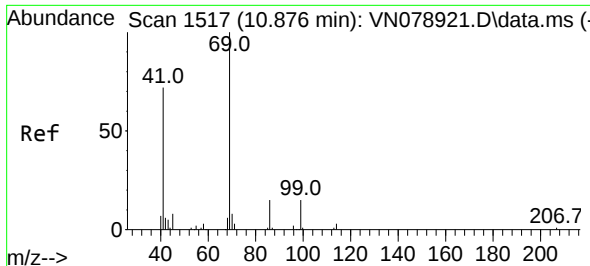
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023



#50
 1,1,2-Trichloroethane
 Concen: 98.588 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.006 min
 Lab File: VN078918.D
 Acq: 17 Aug 2023 11:50

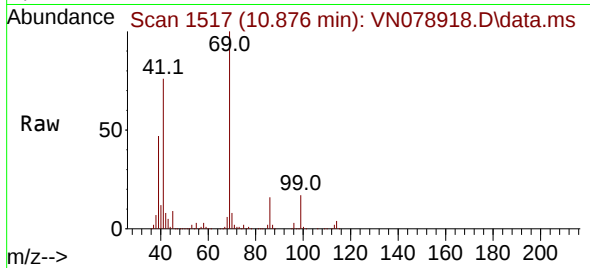
Tgt Ion: 97 Resp: 287414
 Ion Ratio Lower Upper
 97 100
 83 85.8 63.7 95.5
 85 55.9 44.9 67.3
 99 61.2 49.0 73.4





#51
Ethyl methacrylate
Concen: 107.943 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

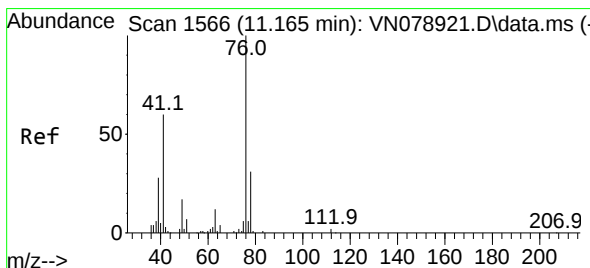
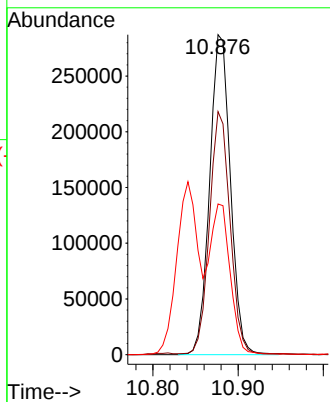
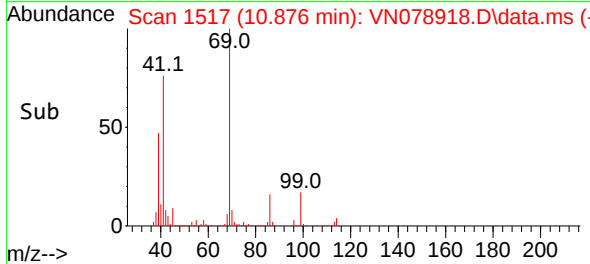
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 69 Resp: 487064
Ion Ratio Lower Upper
69 100
41 75.7 35.9 107.8
39 46.9 23.5 70.5

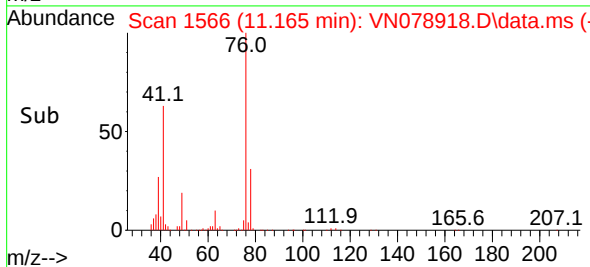
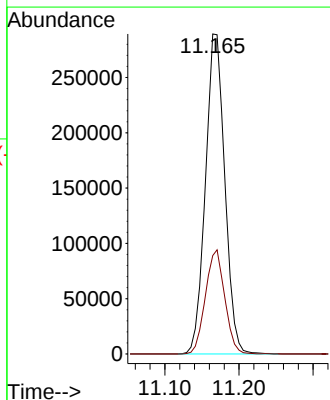
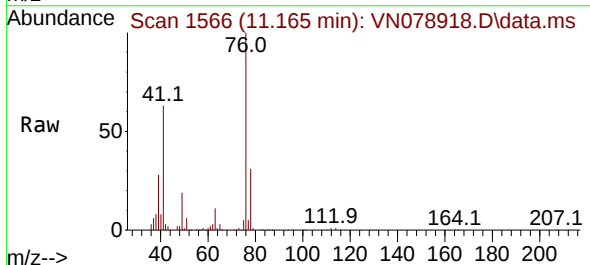
Manual Integrations
APPROVED

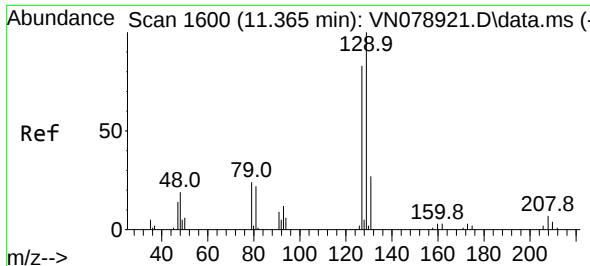
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#52
1,3-Dichloropropane
Concen: 100.652 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

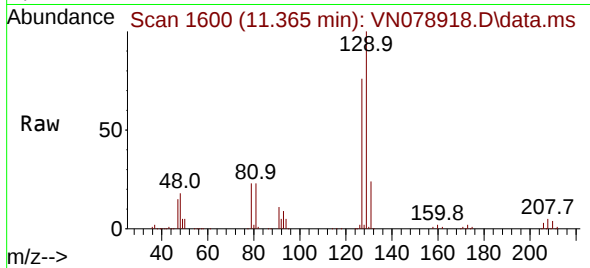
Tgt Ion: 76 Resp: 525567
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.6





#53
Dibromochloromethane
Concen: 103.314 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

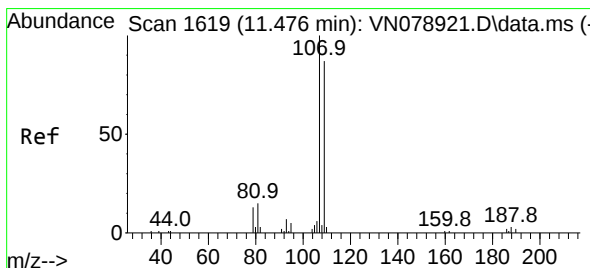
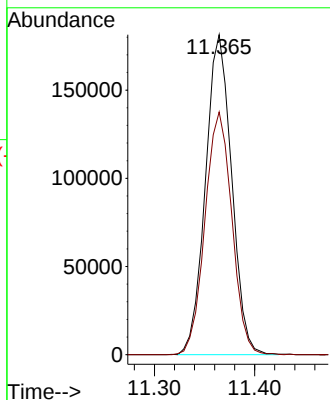
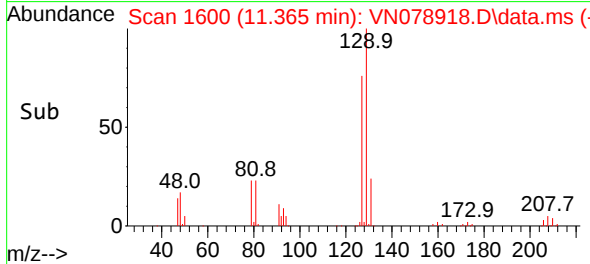
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



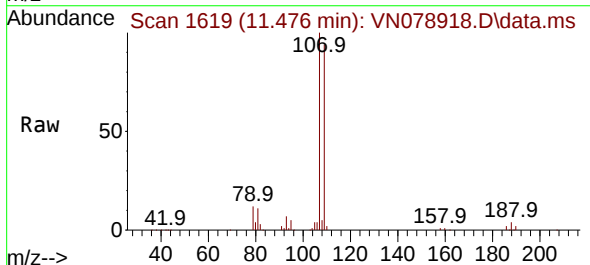
Tgt Ion:129 Resp: 329650
Ion Ratio Lower Upper
129 100
127 77.9 40.1 120.2

Manual Integrations
APPROVED

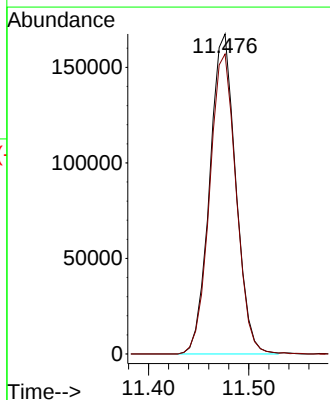
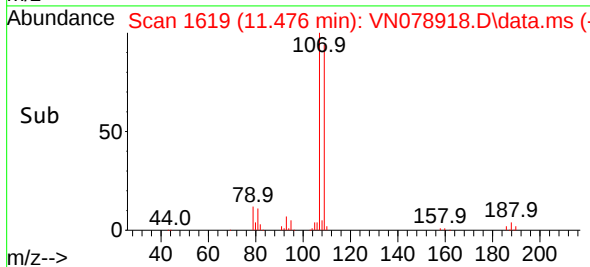
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

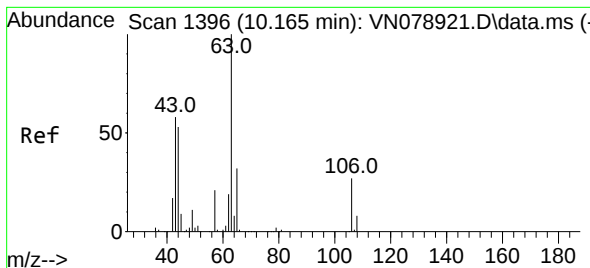


#54
1,2-Dibromoethane
Concen: 101.240 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50



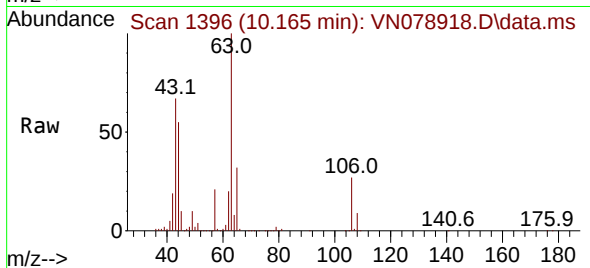
Tgt Ion:107 Resp: 303014
Ion Ratio Lower Upper
107 100
109 95.1 71.7 107.5





#55
2-Chloroethyl vinyl ether
Concen: 499.017 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

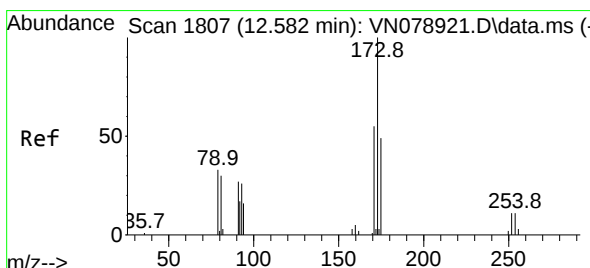
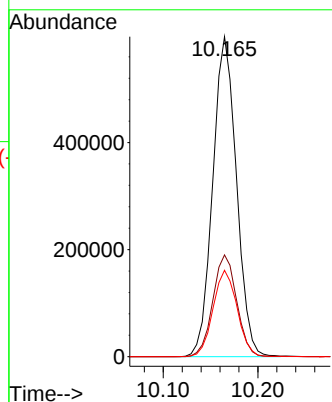
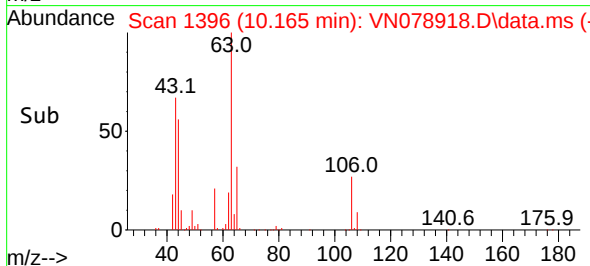
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



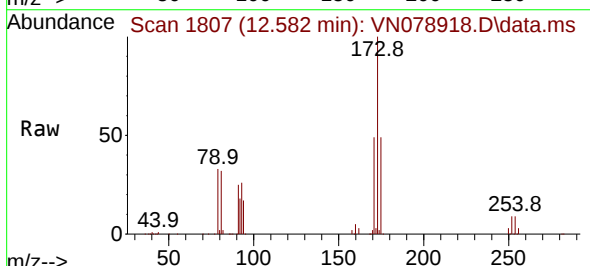
Tgt Ion: 63 Resp: 104075
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.2
106 27.4 22.3 33.5

Manual Integrations
APPROVED

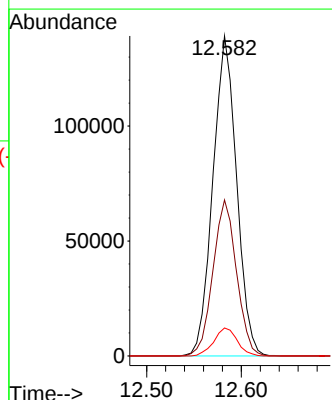
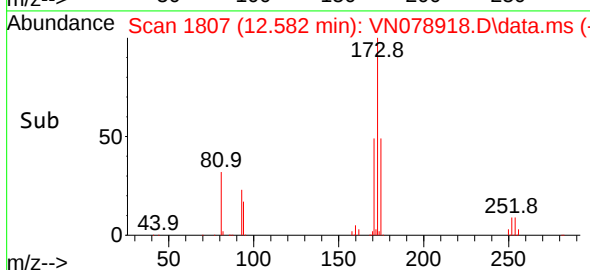
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

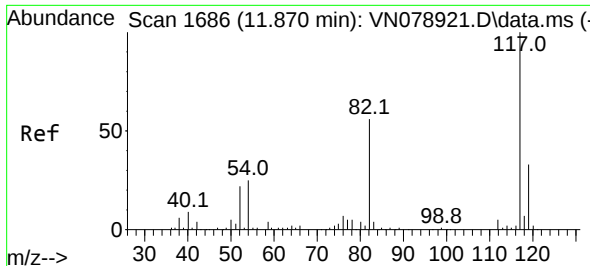


#56
Bromoform
Concen: 107.421 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50



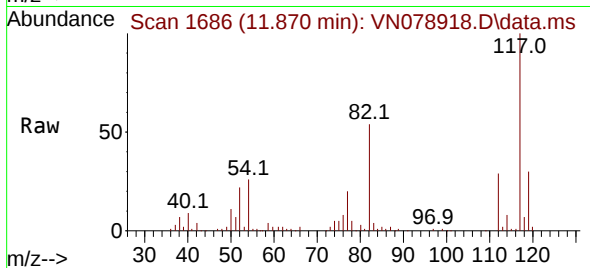
Tgt Ion:173 Resp: 241830
Ion Ratio Lower Upper
173 100
175 48.4 38.8 58.2
254 8.6 7.6 11.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

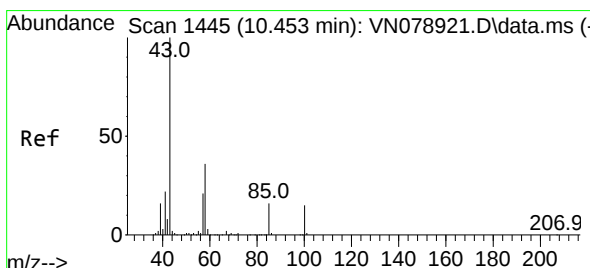
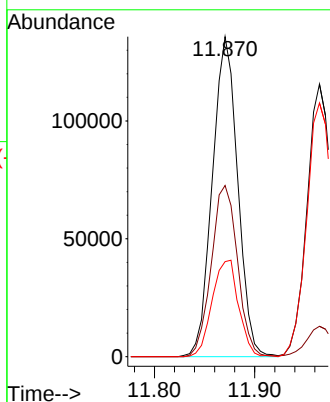
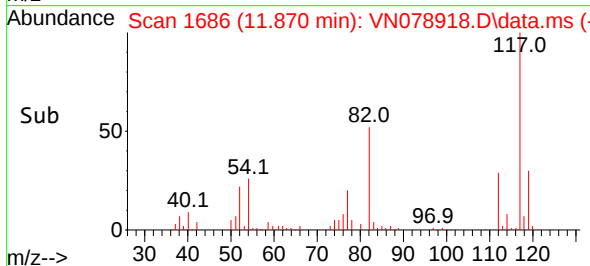
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



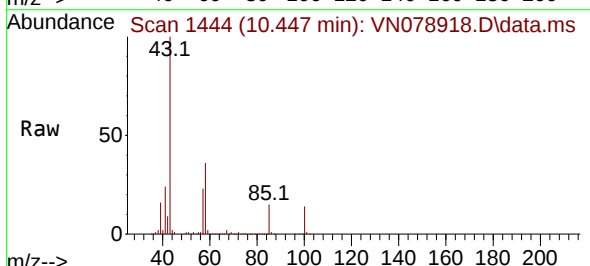
Tgt Ion:117 Resp: 238370
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.0
119 31.3 25.5 38.3

Manual Integrations
APPROVED

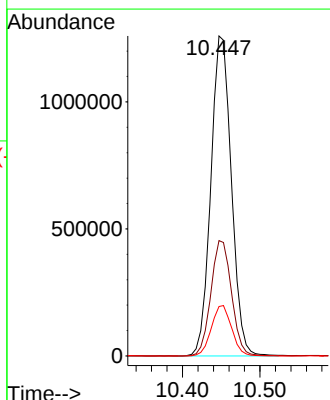
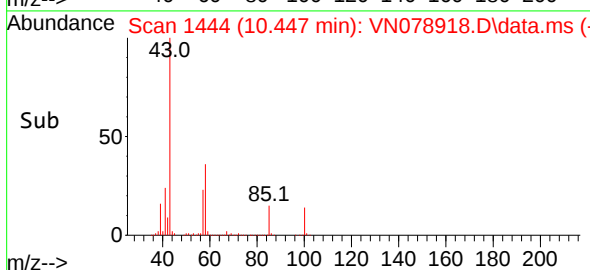
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

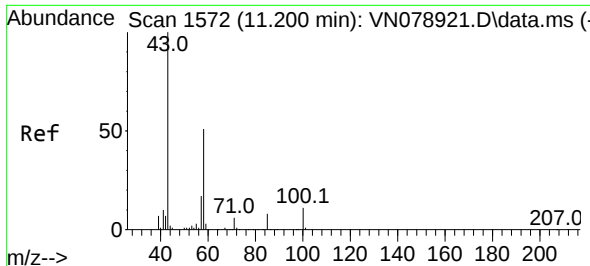


#58
4-Methyl-2-Pentanone
Concen: 491.763 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50



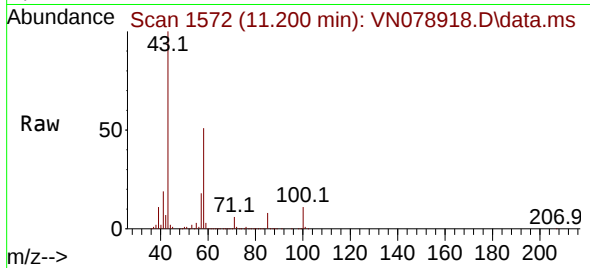
Tgt Ion: 43 Resp: 2325716
Ion Ratio Lower Upper
43 100
58 36.2 28.8 43.2
85 15.6 12.7 19.1





#59
2-Hexanone
Concen: 537.786 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

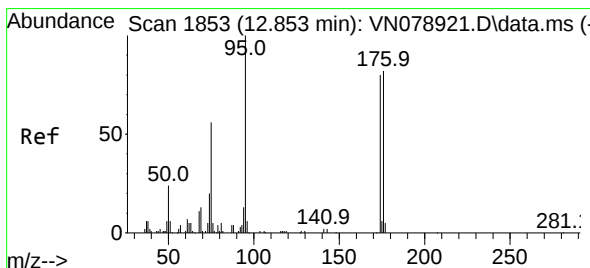
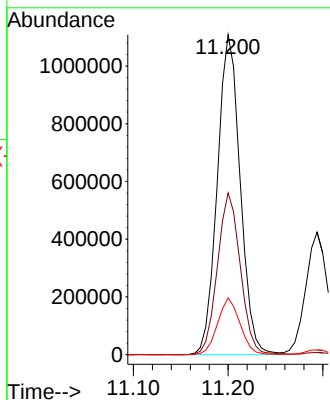
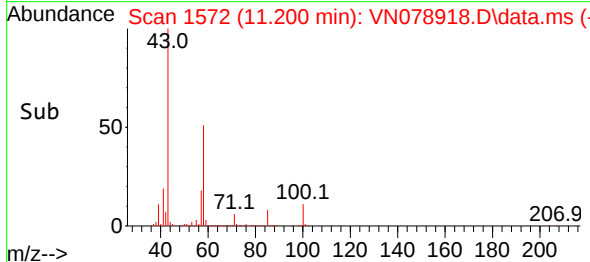
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 186348
Ion Ratio Lower Upper
43 100
58 50.5 40.6 60.8
57 17.4 13.6 20.4

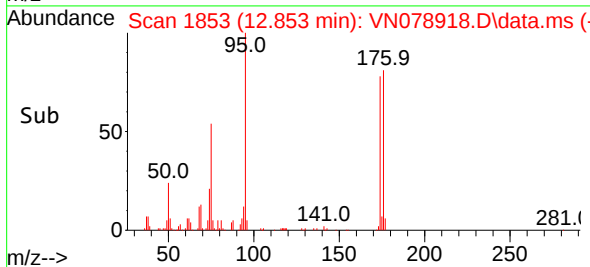
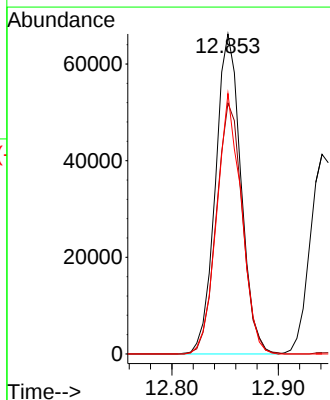
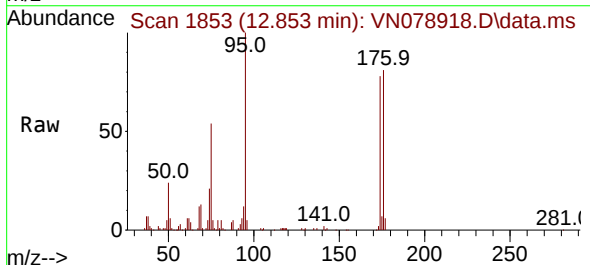
Manual Integrations
APPROVED

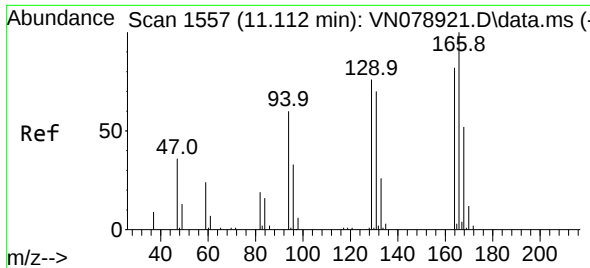
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#60
4-Bromofluorobenzene
Concen: 31.636 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

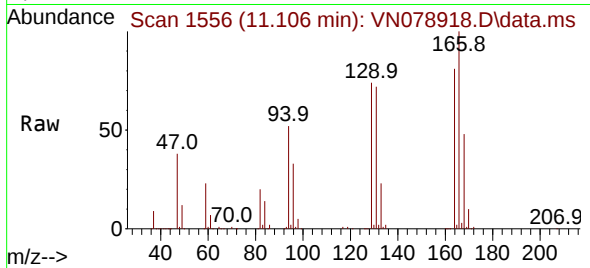
Tgt Ion: 95 Resp: 110004
Ion Ratio Lower Upper
95 100
174 80.1 64.8 97.2
176 78.7 63.0 94.6





#61
Tetrachloroethene
Concen: 99.156 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

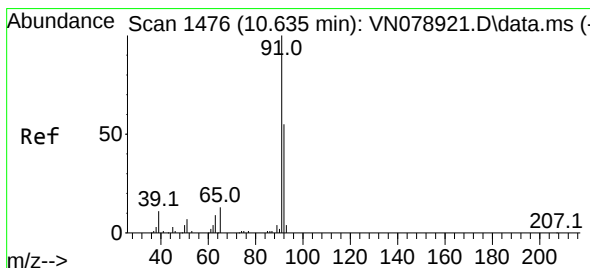
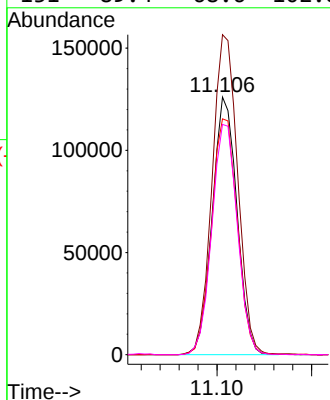
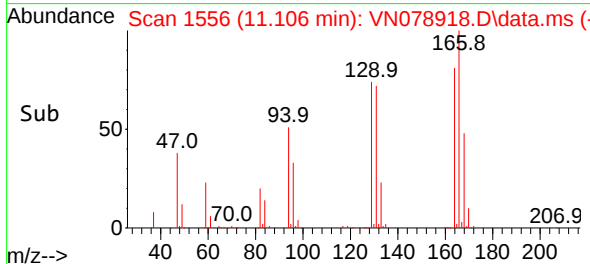
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



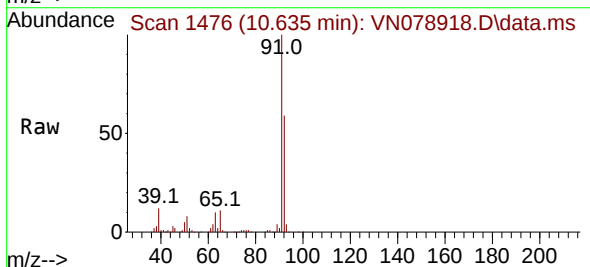
Tgt Ion:164 Resp: 228854
Ion Ratio Lower Upper
164 100
166 124.2 97.6 146.4
129 91.5 74.1 111.1
131 89.4 68.6 102.8

Manual Integrations
APPROVED

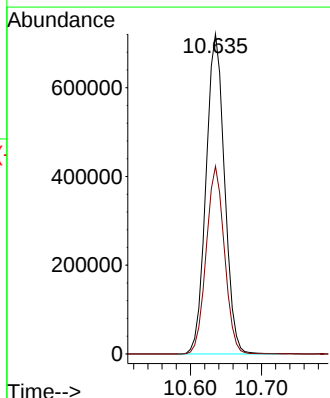
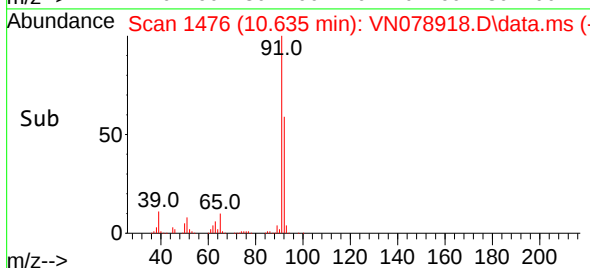
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

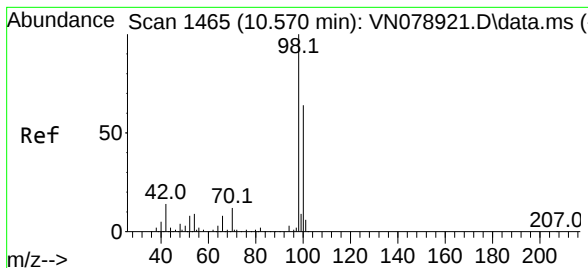


#62
Toluene
Concen: 100.303 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50



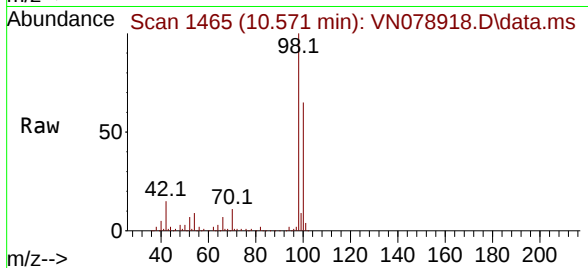
Tgt Ion: 91 Resp: 1305328
Ion Ratio Lower Upper
91 100
92 57.7 44.7 67.1





#63
Toluene-d8
Concen: 29.536 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

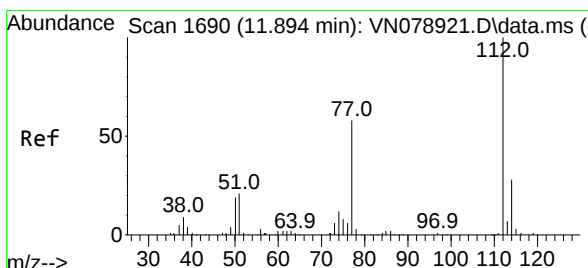
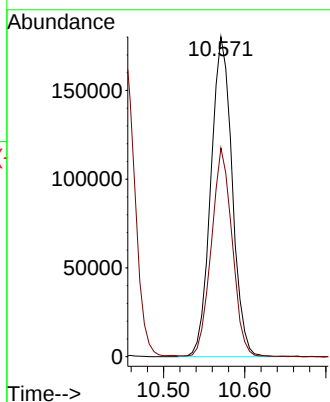
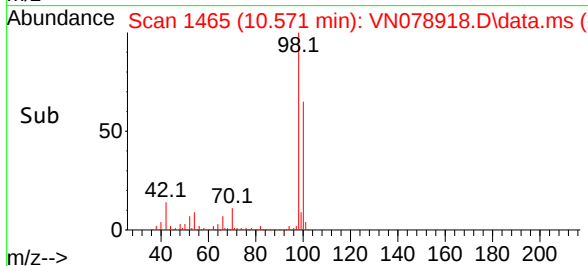
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 98 Resp: 328784
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7

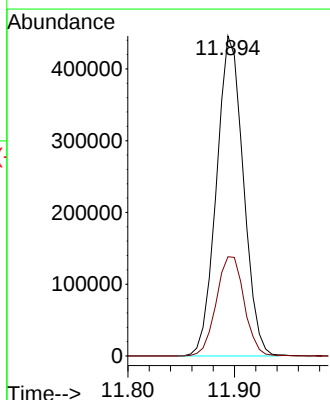
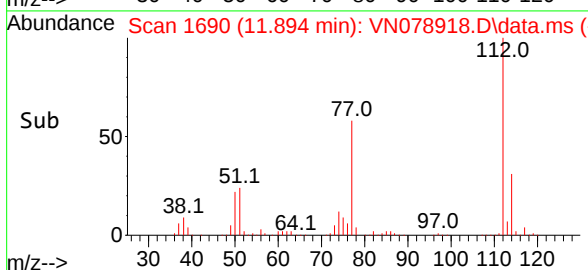
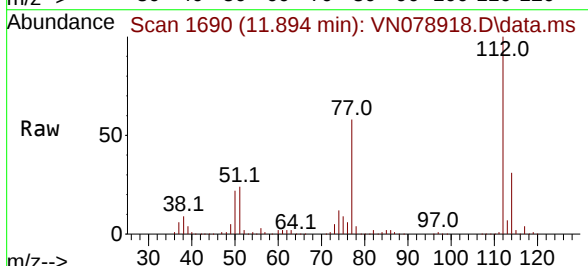
Manual Integrations
APPROVED

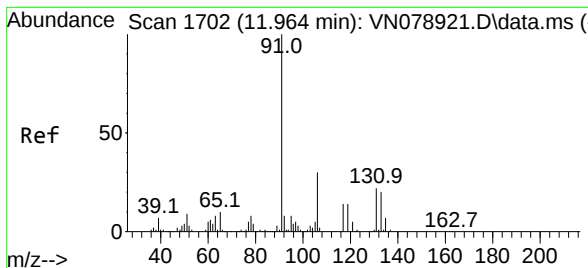
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#64
Chlorobenzene
Concen: 99.845 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion:112 Resp: 781252
Ion Ratio Lower Upper
112 100
114 31.0 22.4 33.6





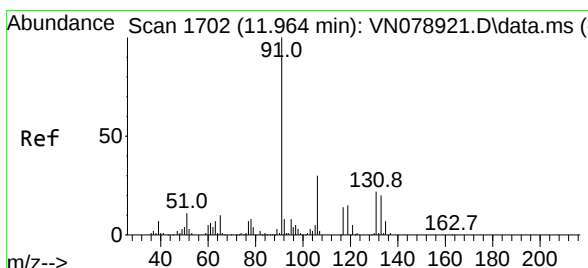
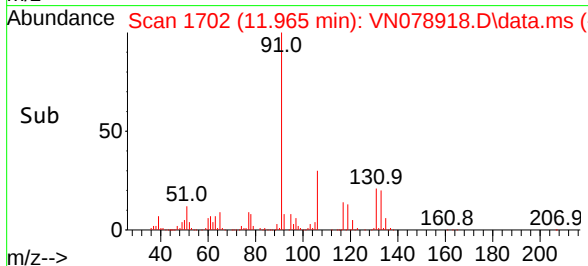
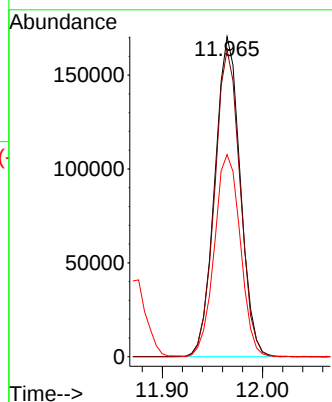
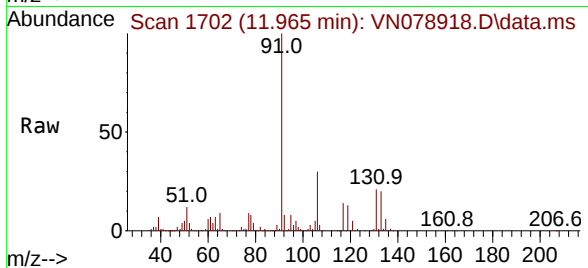
#65
1,1,1,2-Tetrachloroethane
Concen: 100.522 ug/l
RT: 11.965 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:131 Resp: 300748
Ion Ratio Lower Upper
131 100
133 96.0 0.0 184.8
119 64.4 0.0 133.4

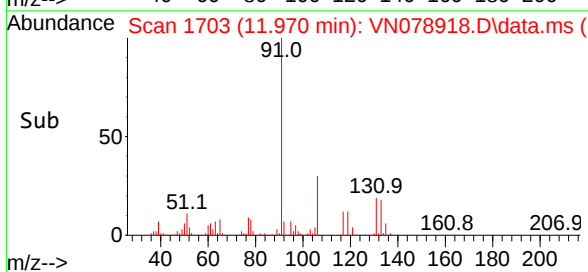
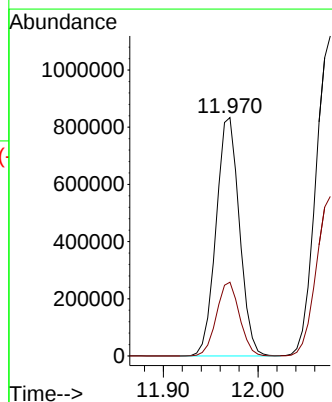
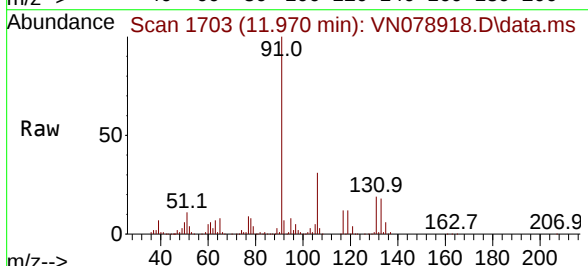
Manual Integrations
APPROVED

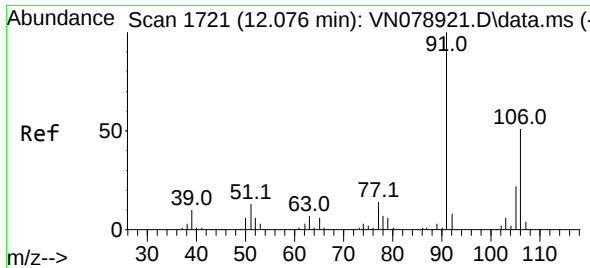
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#66
Ethyl Benzene
Concen: 104.921 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 91 Resp: 1428239
Ion Ratio Lower Upper
91 100
106 31.0 24.1 36.1





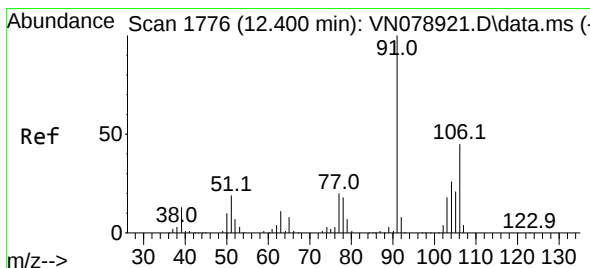
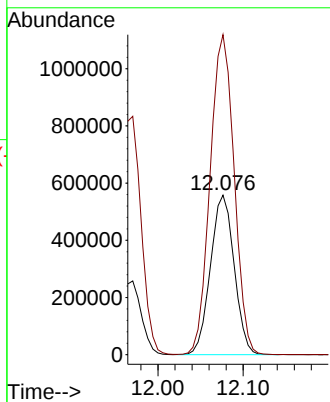
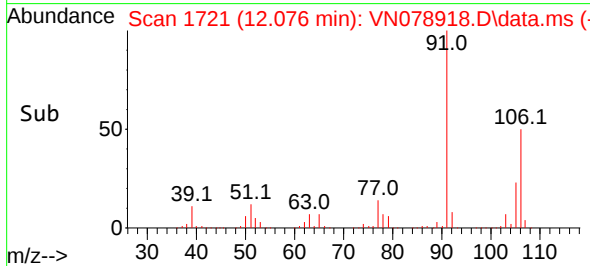
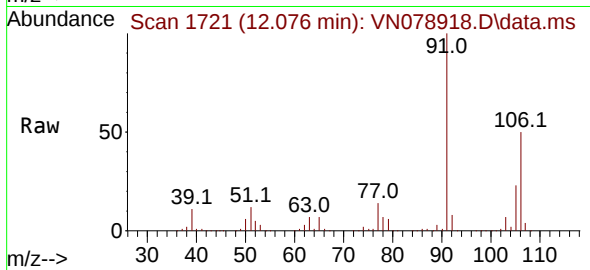
#67
m/p-Xylenes
Concen: 212.473 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 107841
Ion Ratio Lower Upper
106 100
91 203.8 161.2 241.8

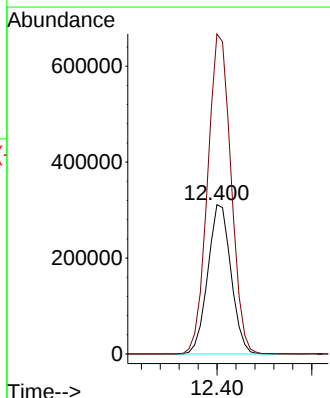
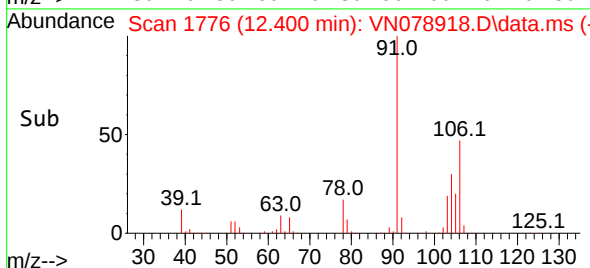
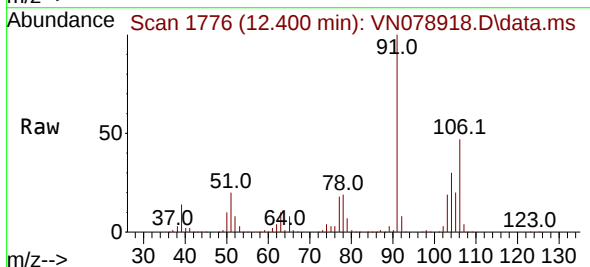
Manual Integrations
APPROVED

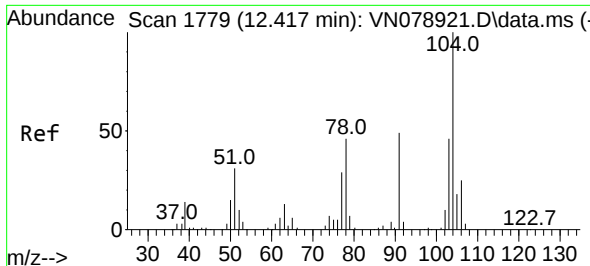
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#68
o-Xylene
Concen: 105.886 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion:106 Resp: 529903
Ion Ratio Lower Upper
106 100
91 216.4 109.0 327.0





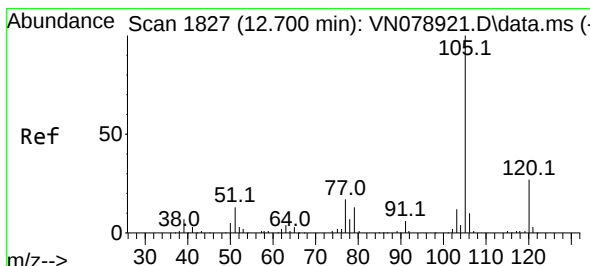
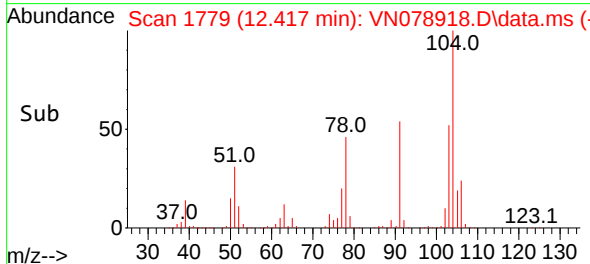
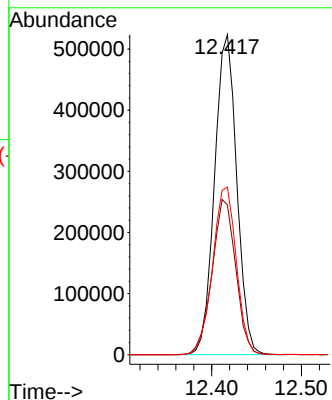
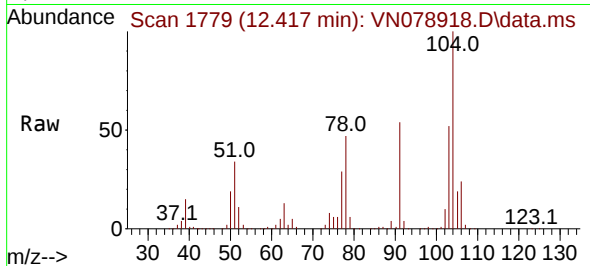
#69
Styrene
Concen: 110.659 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:104 Resp: 899840
Ion Ratio Lower Upper
104 100
78 51.8 40.2 60.4
103 55.9 43.2 64.8

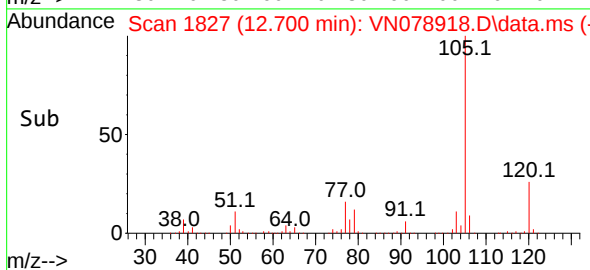
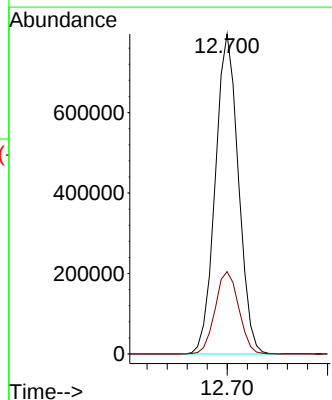
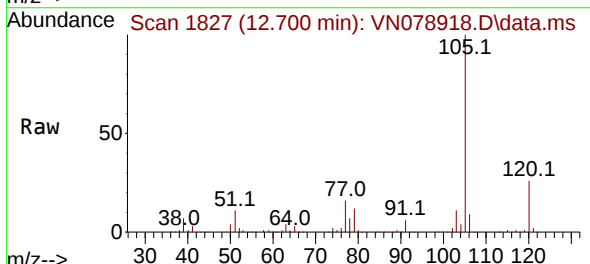
Manual Integrations
APPROVED

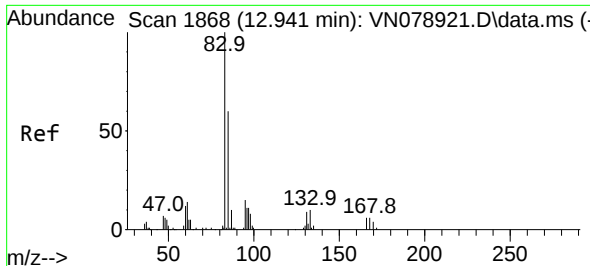
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#70
Isopropylbenzene
Concen: 104.938 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

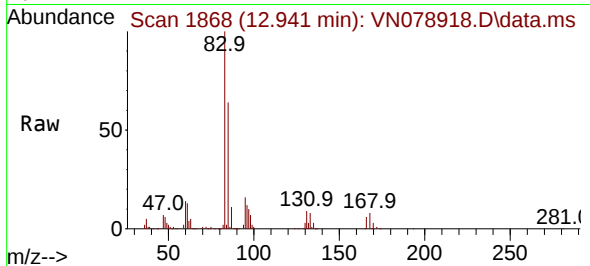
Tgt Ion:105 Resp: 1272450
Ion Ratio Lower Upper
105 100
120 26.3 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 96.590 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

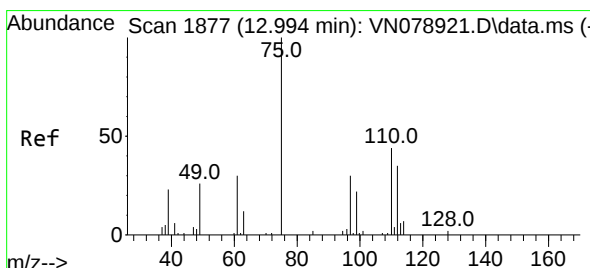
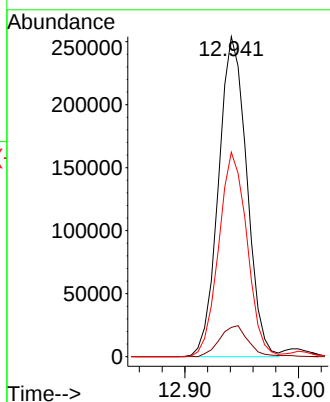
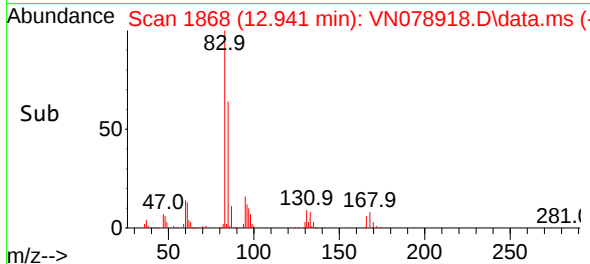
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



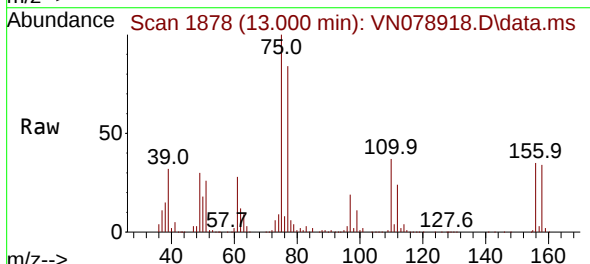
Tgt Ion: 83 Resp: 43905
Ion Ratio Lower Upper
83 100
131 9.7 4.7 14.0
85 63.9 31.9 95.7

Manual Integrations
APPROVED

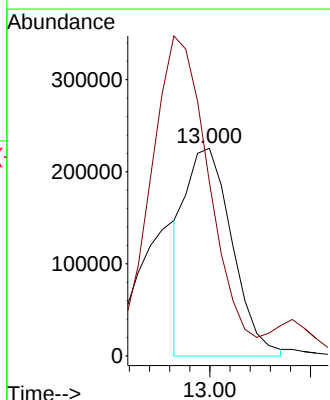
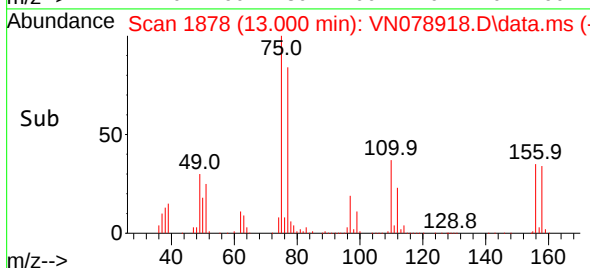
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

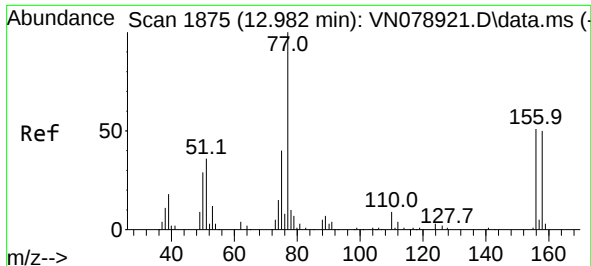


#72
1,2,3-Trichloropropane
Concen: 91.071 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50



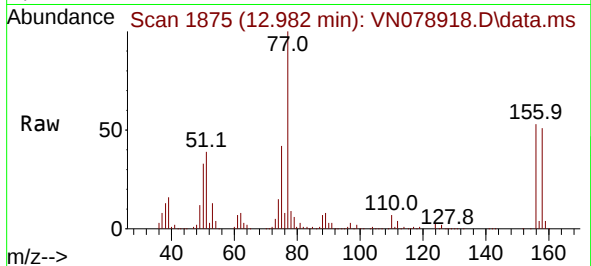
Tgt Ion: 75 Resp: 362759
Ion Ratio Lower Upper
75 100
77 195.0 0.0 367.4





#73
Bromobenzene
Concen: 104.439 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

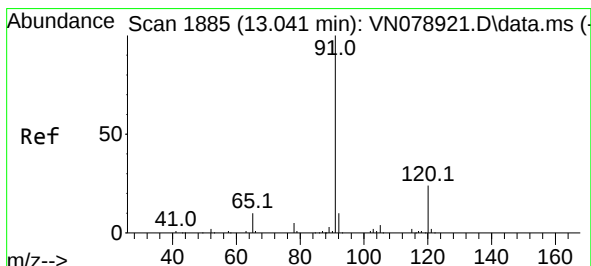
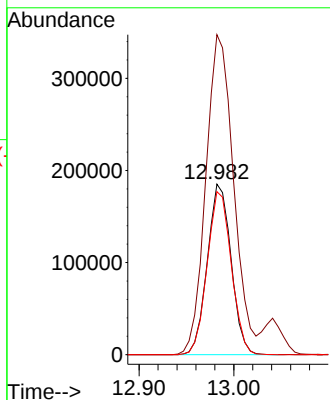
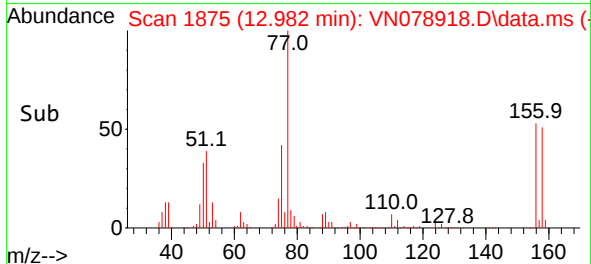
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:156 Resp: 32240
Ion Ratio Lower Upper
156 100
77 219.4 0.0 431.0
158 97.1 0.0 196.8

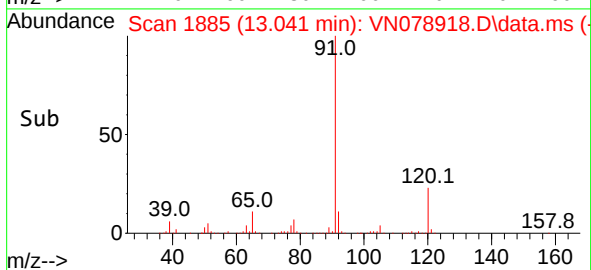
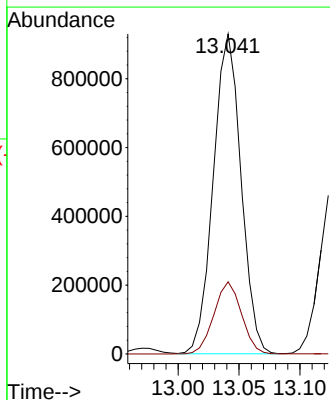
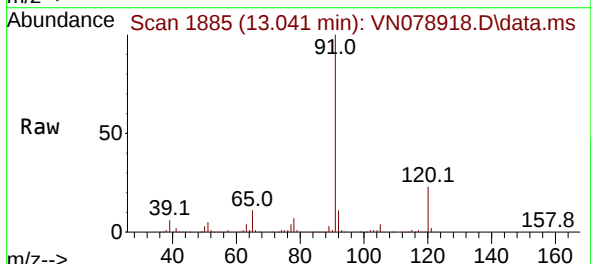
Manual Integrations
APPROVED

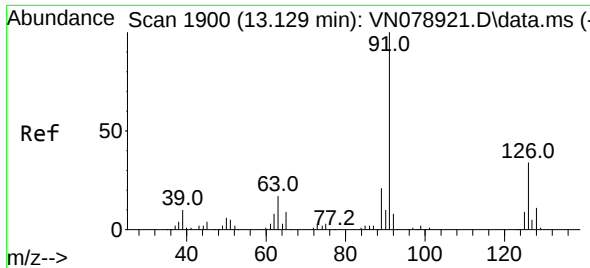
Reviewed By :John Carbone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#74
n-propylbenzene
Concen: 107.238 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Tgt Ion: 91 Resp: 1473704
Ion Ratio Lower Upper
91 100
120 22.3 0.0 44.4





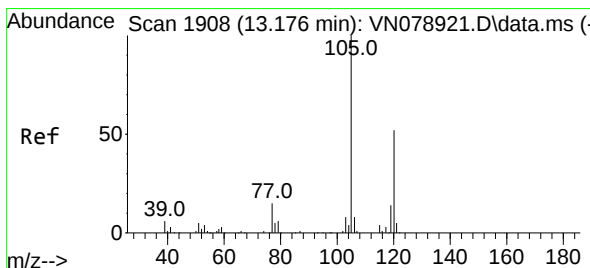
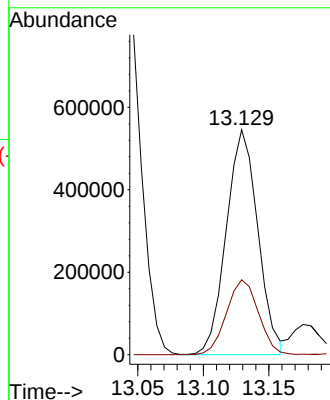
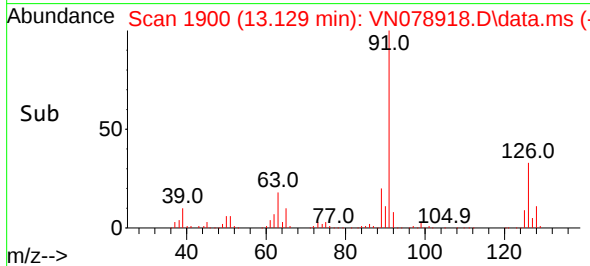
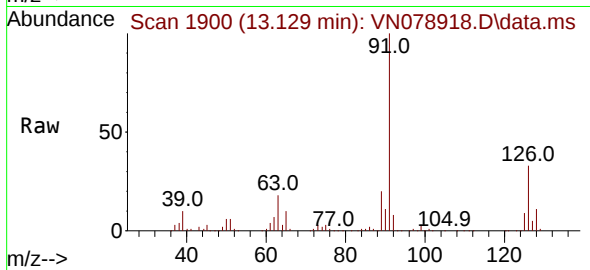
#75
2-Chlorotoluene
Concen: 104.786 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 91353
Ion Ratio Lower Upper
91 100
126 33.8 0.0 67.2

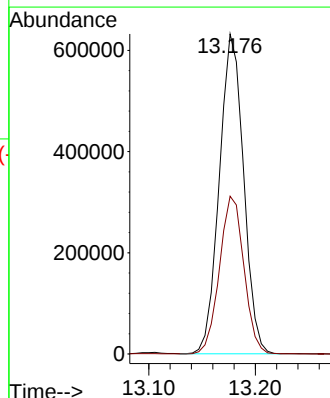
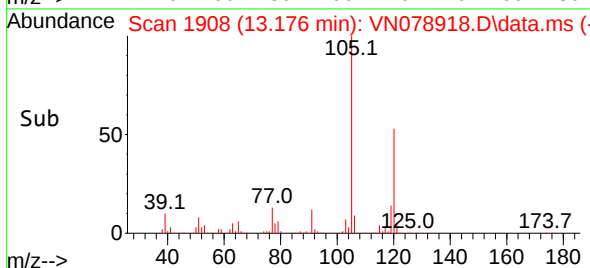
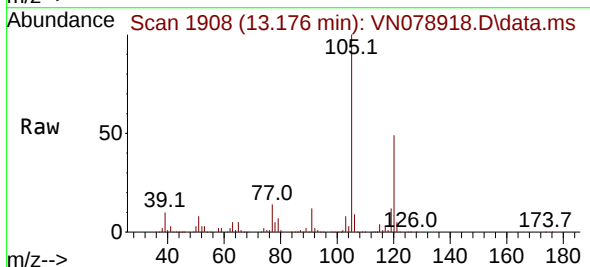
Manual Integrations
APPROVED

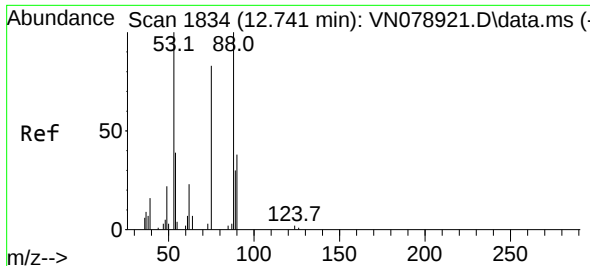
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#76
1,3,5-Trimethylbenzene
Concen: 103.896 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

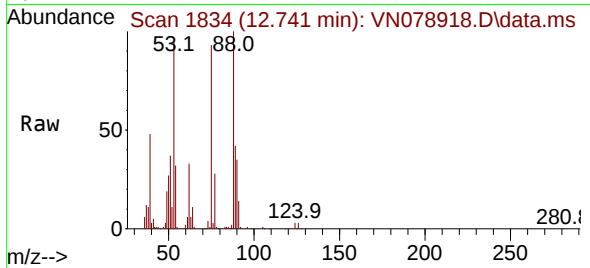
Tgt Ion:105 Resp: 998674
Ion Ratio Lower Upper
105 100
120 49.6 0.0 98.8





#77
t-1,4-Dichloro-2-butene
Concen: 112.686 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

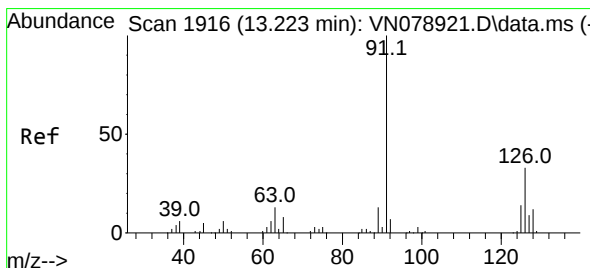
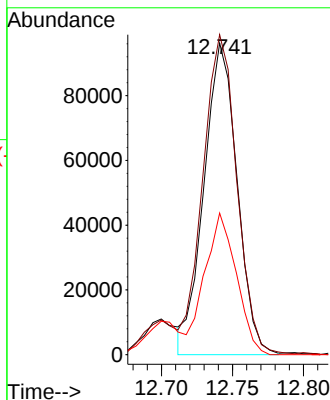
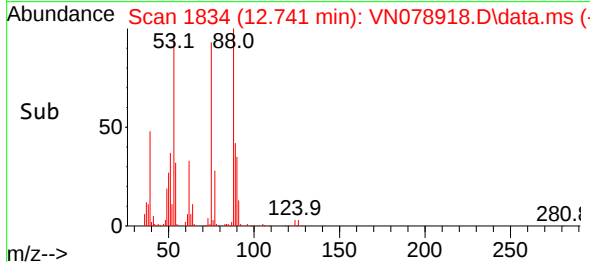
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 156162
Ion Ratio Lower Upper
75 100
53 102.3 60.1 180.3
89 45.6 22.9 68.8

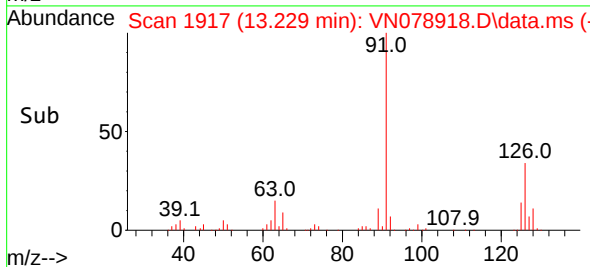
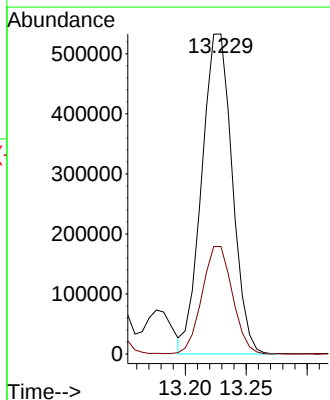
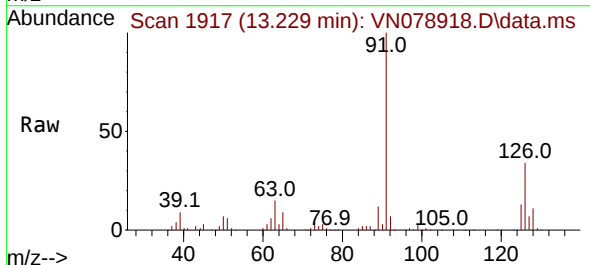
Manual Integrations
APPROVED

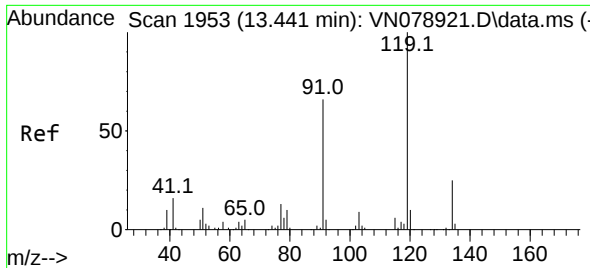
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#78
4-Chlorotoluene
Concen: 111.276 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

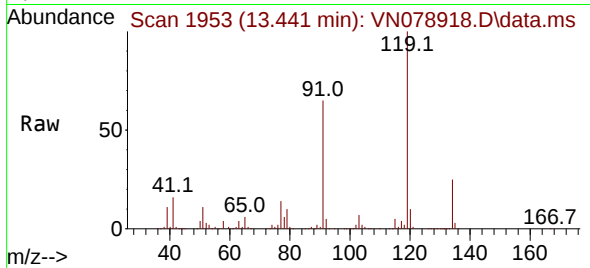
Tgt Ion: 91 Resp: 929410
Ion Ratio Lower Upper
91 100
126 33.5 0.0 67.4





#79
tert-butylbenzene
Concen: 102.707 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

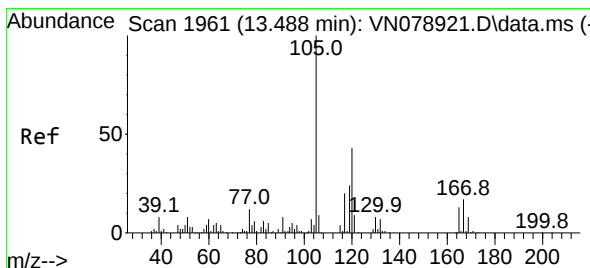
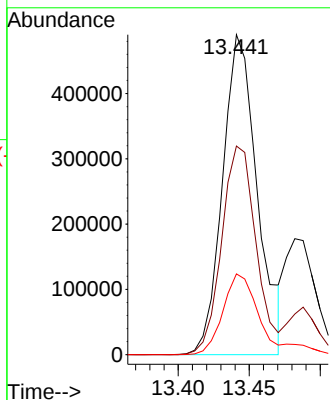
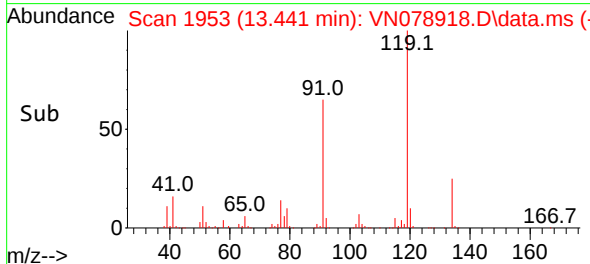
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



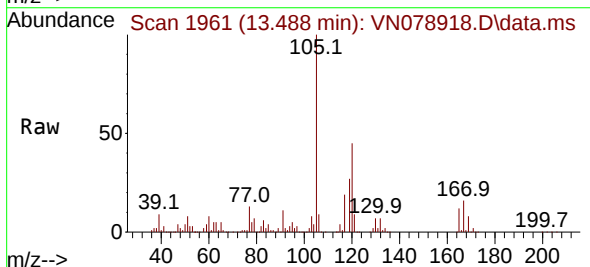
Tgt Ion:119 Resp: 834248
Ion Ratio Lower Upper
119 100
91 64.5 0.0 135.6
134 24.7 0.0 51.4

Manual Integrations
APPROVED

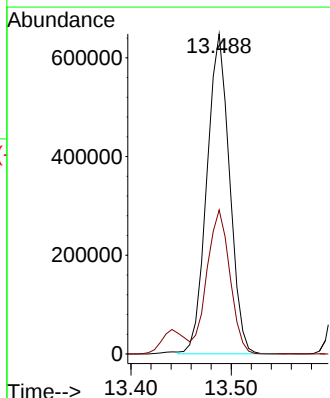
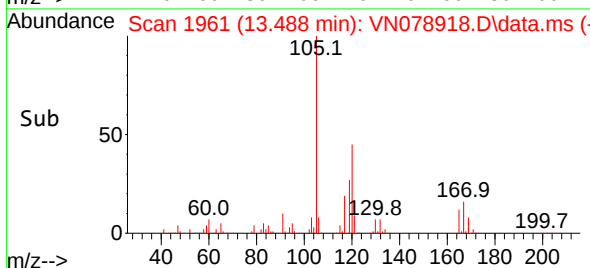
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

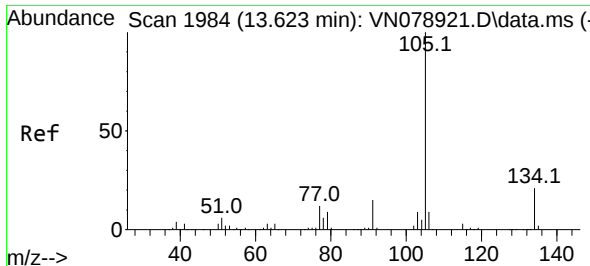


#80
1,2,4-Trimethylbenzene
Concen: 107.591 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50



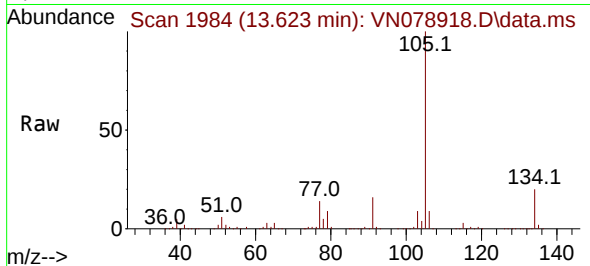
Tgt Ion:105 Resp: 1016910
Ion Ratio Lower Upper
105 100
120 45.6 0.0 91.6





#81
 sec-Butylbenzene
 Concen: 102.064 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078918.D
 Acq: 17 Aug 2023 11:50

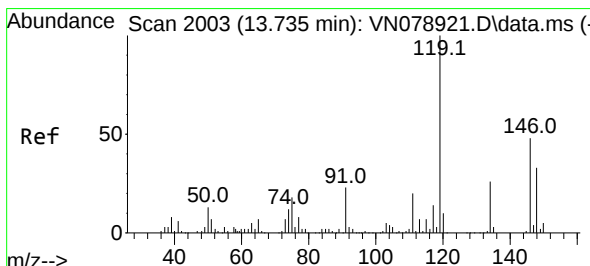
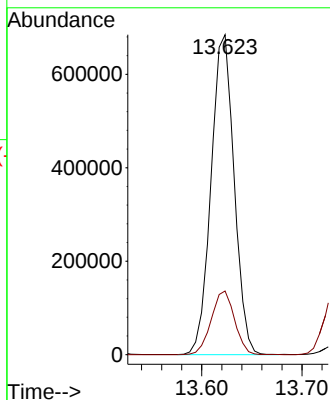
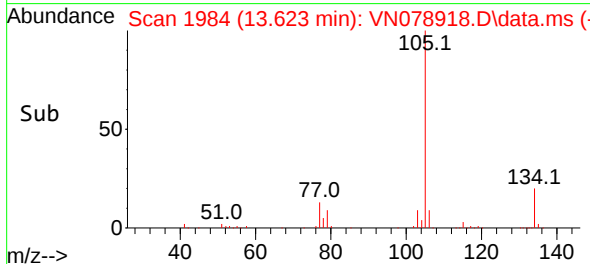
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



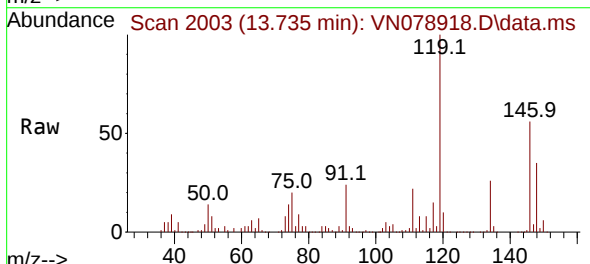
Tgt Ion:105 Resp: 1094100
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 41.6

Manual Integrations
 APPROVED

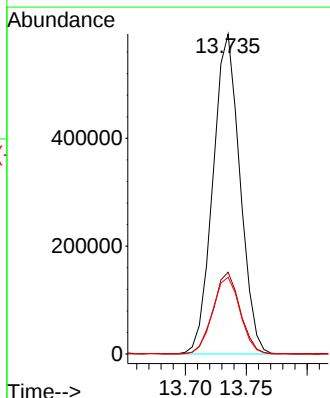
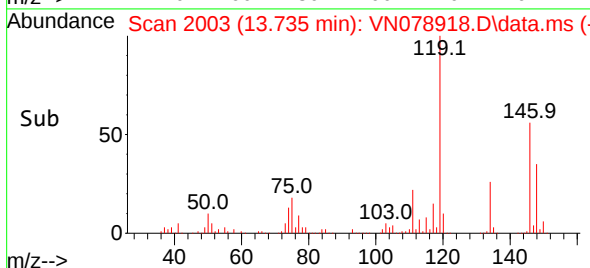
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023

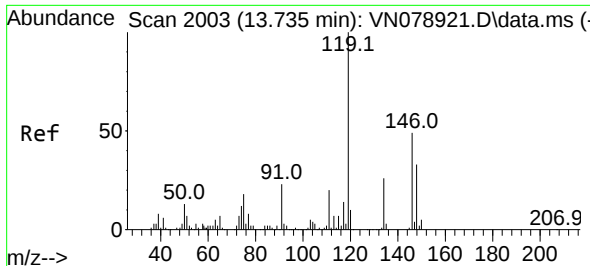


#82
 p-Isopropyltoluene
 Concen: 104.529 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078918.D
 Acq: 17 Aug 2023 11:50



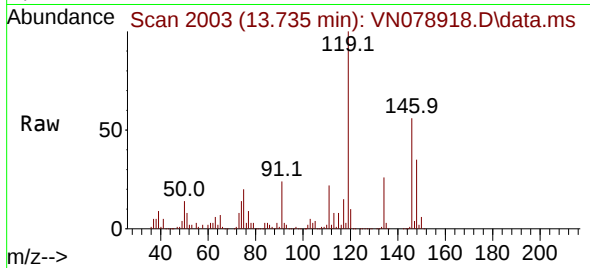
Tgt Ion:119 Resp: 914853
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.4
 91 24.4 0.0 47.4





#83
1,3-Dichlorobenzene
Concen: 112.071 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

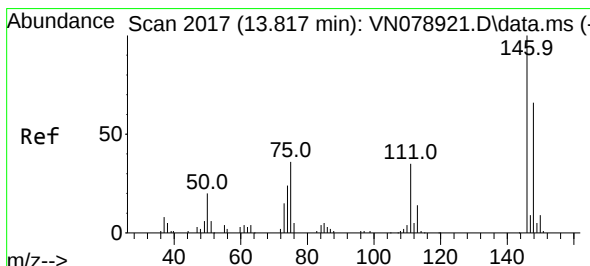
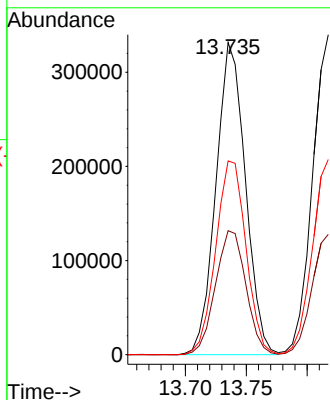
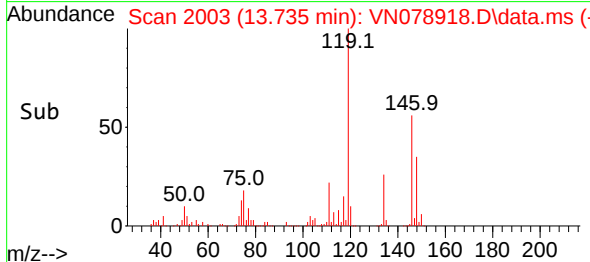
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



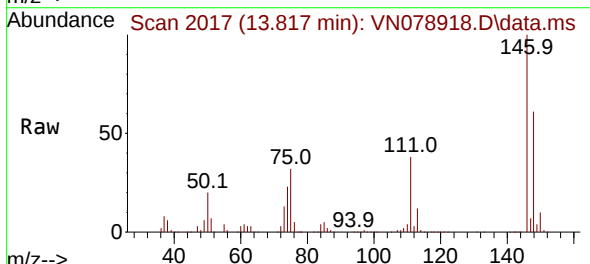
Tgt Ion:146 Resp: 55833
Ion Ratio Lower Upper
146 100
111 41.1 21.2 63.6
148 63.8 33.1 99.5

Manual Integrations
APPROVED

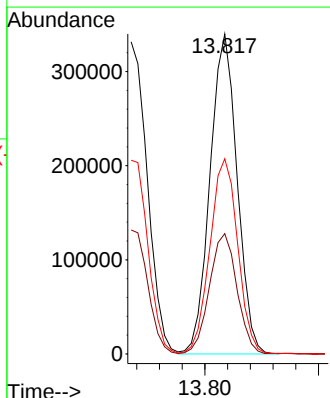
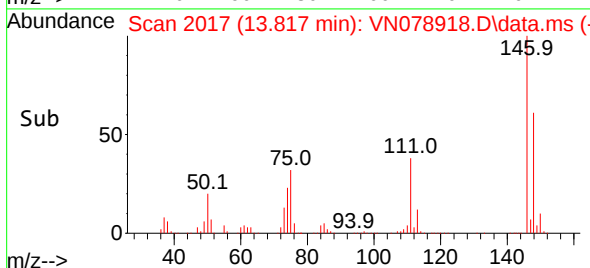
Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

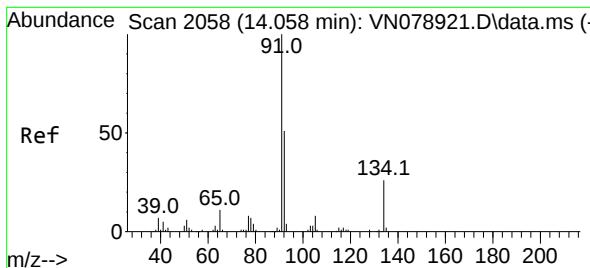


#84
1,4-Dichlorobenzene
Concen: 115.315 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50



Tgt Ion:146 Resp: 564033
Ion Ratio Lower Upper
146 100
111 37.9 18.6 56.0
148 62.6 32.0 96.2





#85

n-Butylbenzene

Concen: 112.319 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

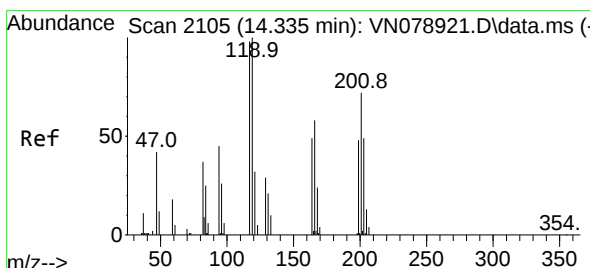
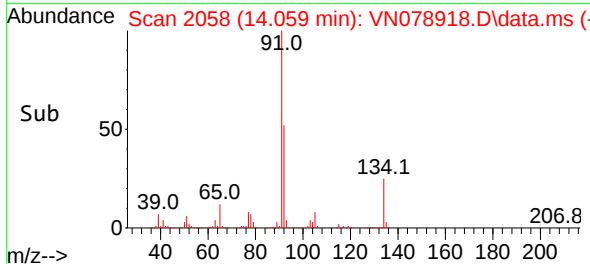
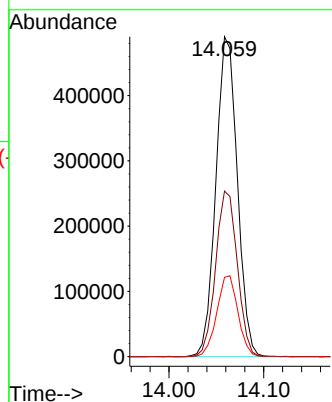
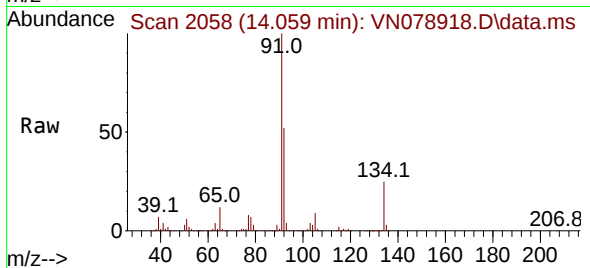
Tgt Ion:	91	Resp:	77316
Ion Ratio	Lower	Upper	
91	100		
92	52.3	0.0	102.8
134	25.0	0.0	48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#86

Hexachloroethane

Concen: 100.739 ug/l

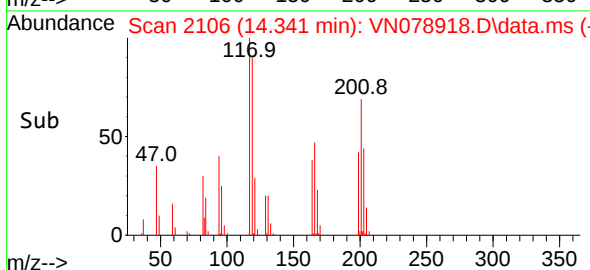
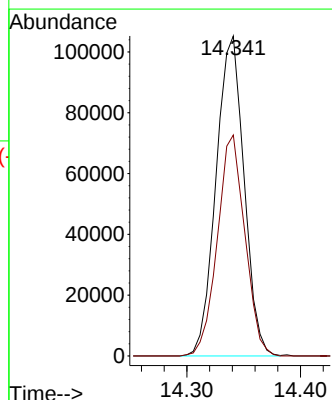
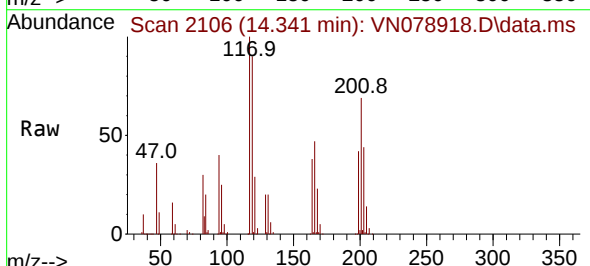
RT: 14.341 min Scan# 2106

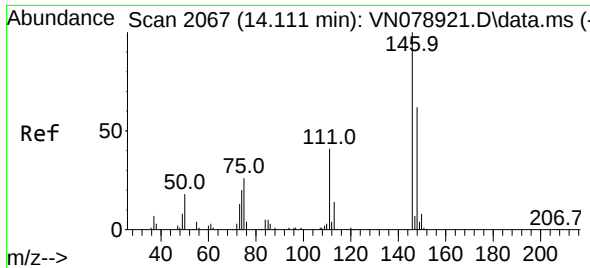
Delta R.T. 0.006 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

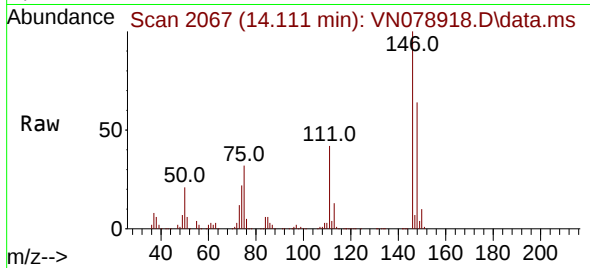
Tgt Ion:	117	Resp:	180404
Ion Ratio	Lower	Upper	
117	100		
201	67.9	36.6	109.8





#87
 1,2-Dichlorobenzene
 Concen: 107.439 ug/l
 RT: 14.111 min Scan# 2067
 Delta R.T. 0.000 min
 Lab File: VN078918.D
 Acq: 17 Aug 2023 11:50

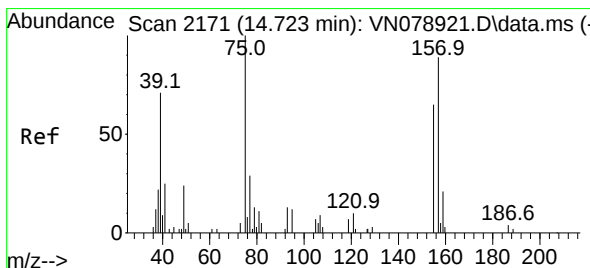
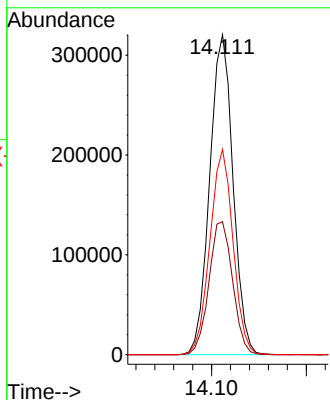
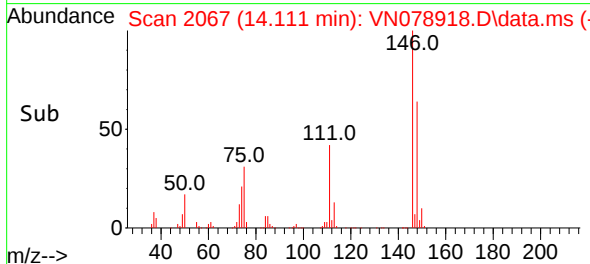
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion:146 Resp: 548220
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.3 60.8
 148 63.7 32.0 96.2

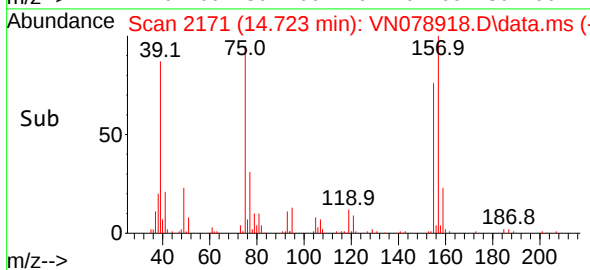
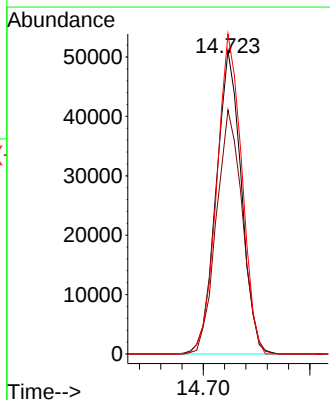
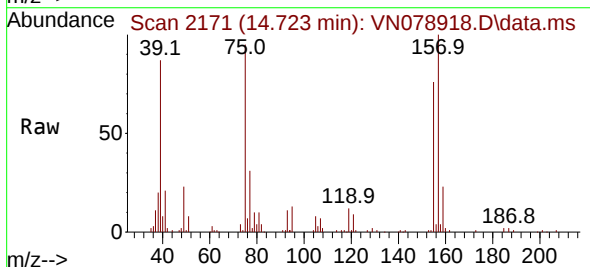
Manual Integrations
 APPROVED

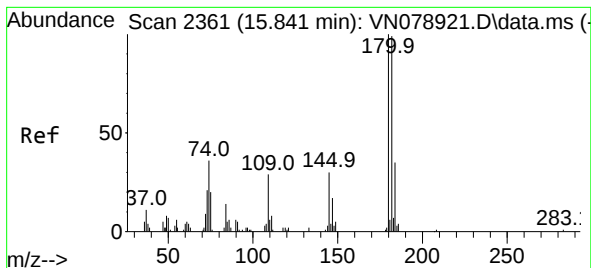
Reviewed By :John Carlone 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 102.315 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078918.D
 Acq: 17 Aug 2023 11:50

Tgt Ion: 75 Resp: 83475
 Ion Ratio Lower Upper
 75 100
 155 83.5 61.1 91.7
 157 105.0 79.8 119.6





#89

1,2,4-Trichlorobenzene

Concen: 112.108 ug/l

RT: 15.847 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

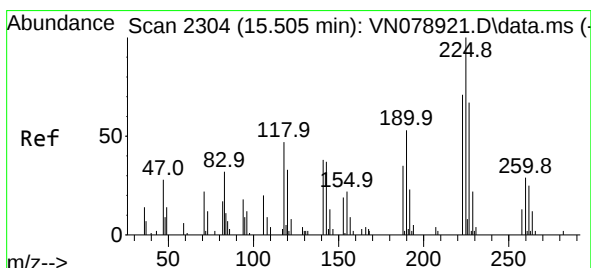
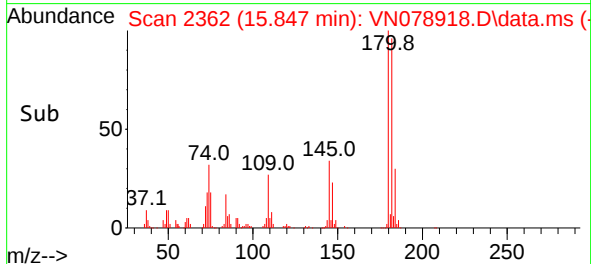
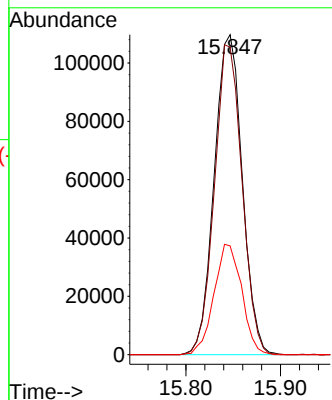
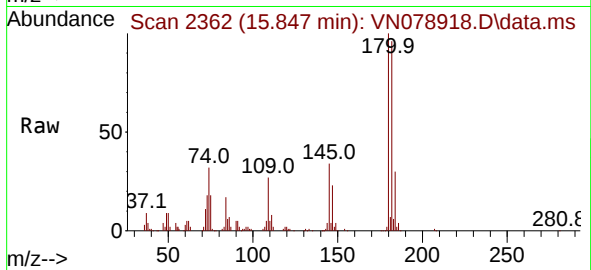
Tgt Ion:	180	Resp:	22597
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.1	114.1
145	34.1	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2023

Supervised By :Semsettin Yesilyurt 08/18/2023



#90

Hexachlorobutadiene

Concen: 90.875 ug/l

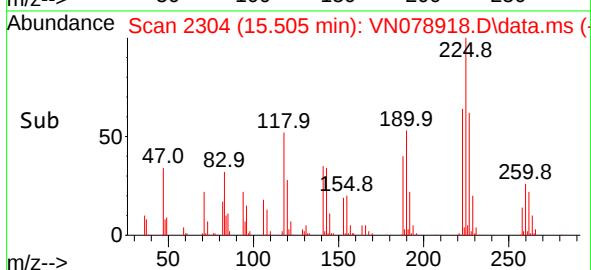
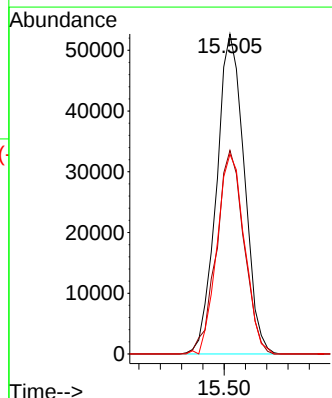
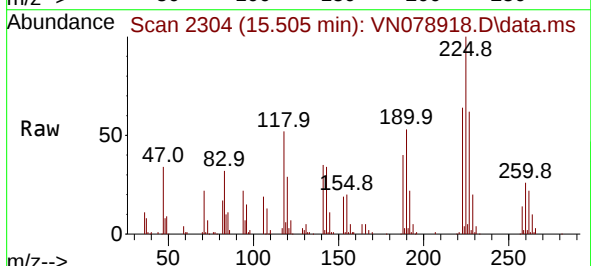
RT: 15.505 min Scan# 2304

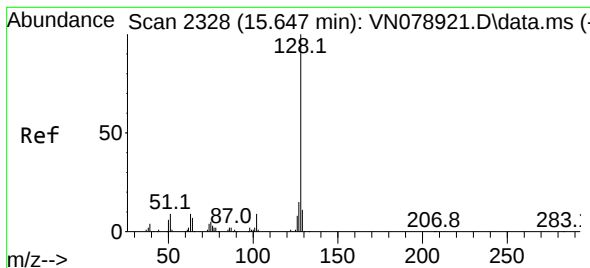
Delta R.T. 0.000 min

Lab File: VN078918.D

Acq: 17 Aug 2023 11:50

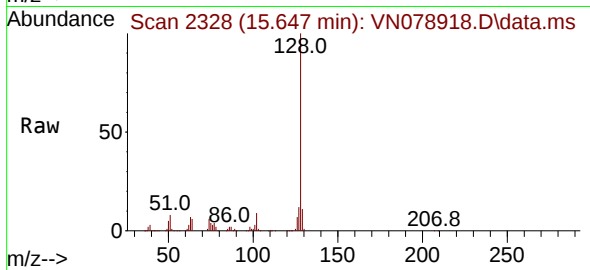
Tgt Ion:	225	Resp:	95343
Ion Ratio	Lower	Upper	
225	100		
223	63.1	0.0	124.0
227	61.5	0.0	117.4





#91
Naphthalene
Concen: 131.290 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50

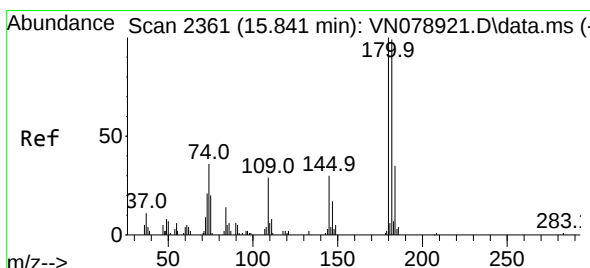
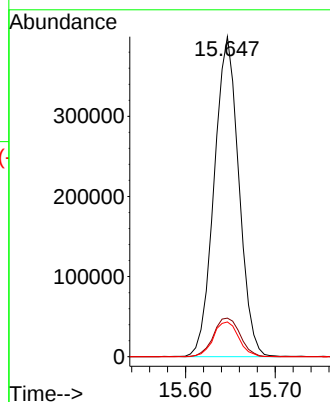
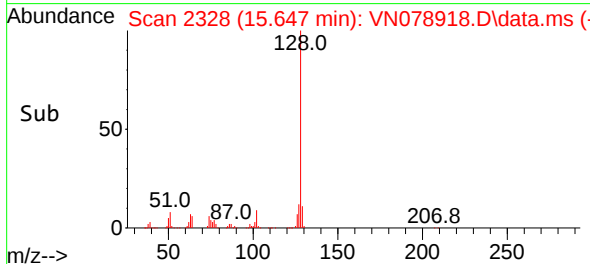
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



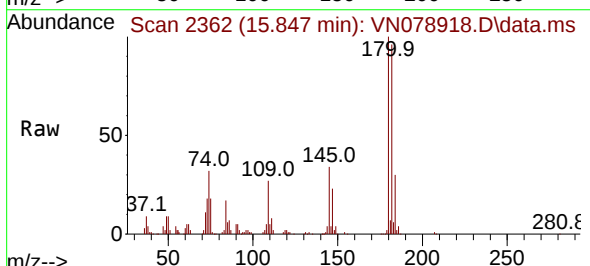
Tgt Ion:128 Resp: 763092
Ion Ratio Lower Upper
128 100
127 13.1 11.1 16.7
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023



#92
1,2,3-Trichlorobenzene
Concen: 112.137 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078918.D
Acq: 17 Aug 2023 11:50



Tgt Ion:180 Resp: 225975
Ion Ratio Lower Upper
180 100
182 95.2 0.0 190.2
145 34.1 0.0 66.2

