

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080223\
 Data File : VN078735.D
 Acq On : 02 Aug 2023 17:14
 Operator : JC\MD
 Sample : 03572-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

Quant Time: Aug 03 05:33:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

08/03/2023
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Bromochloromethane	7.824	128	94908	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	511630	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	435672	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	210419	29.577	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.600%
60) 4-Bromofluorobenzene	12.853	95	163267	25.006	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.367%
63) Toluene-d8	10.570	98	644339	29.939	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	32466	5.423	ug/l	99
3) Chloromethane	2.371	50	47924	6.503	ug/l	98
4) Vinyl Chloride	2.524	62	59401	5.932	ug/l #	87
5) Bromomethane	2.959	94	36007	4.810	ug/l	97
6) Chloroethane	3.124	64	30824	4.726	ug/l	99
7) Trichlorofluoromethane	3.500	101	54342	5.290	ug/l	99
8) Diethyl Ether	3.983	74	15969	4.761	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	28946m	5.249	ug/l	
10) 1,1-Dichloroethene	4.341	96	26799	5.068	ug/l	83
11) Methyl Iodide	4.594	142	36843m	4.957	ug/l	
12) Methyl Acetate	5.047	43	42510m	4.957	ug/l	
13) Acrolein	4.194	56	23209	25.412	ug/l #	70
14) Acrylonitrile	5.730	53	63427m	25.256	ug/l	
15) Acetone	4.441	58	17246	23.702	ug/l	88
16) Carbon Disulfide	4.718	76	73142	4.897	ug/l #	94
17) Allyl chloride	5.030	41	35612m	4.933	ug/l	
18) Methylene Chloride	5.288	84	35960	5.669	ug/l #	82
19) trans-1,2-Dichloroethene	5.800	96	29550	4.834	ug/l	90
20) Diisopropyl ether	6.688	45	75397	4.638	ug/l	95
21) 1,1-Dichloroethane	6.583	63	54963	5.106	ug/l	98
22) cis-1,2-Dichloroethene	7.494	96	31964	4.656	ug/l	96
23) tert-Butyl Alcohol	5.547	59	27234	26.538	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	82573	4.644	ug/l	93
25) Chloroform	7.977	83	56488	4.957	ug/l	100
26) Cyclohexane	8.265	56	36560	4.611	ug/l #	99
29) 1,1-Dichloropropene	8.382	75	37169	4.937	ug/l	95
30) 2-Butanone	7.500	43	79251	26.630	ug/l	95
31) 2,2-Dichloropropane	7.506	77	43707	5.060	ug/l #	83
32) 1,1,1-Trichloroethane	8.182	97	53481	5.615	ug/l	97
33) Carbon Tetrachloride	8.365	117	45757	5.409	ug/l	91
34) Benzene	8.618	78	121958	5.393	ug/l #	93
35) Methacrylonitrile	7.794	41	16016	4.901	ug/l	83
36) 1,2-Dichloroethane	8.677	62	43808	5.516	ug/l #	87
37) Trichloroethene	9.359	130	33431	5.268	ug/l	99
38) Methylcyclohexane	9.606	83	35386	4.575	ug/l	94
39) 1,2-Dichloropropane	9.629	63	31050	5.122	ug/l	94
40) Dibromomethane	9.718	93	22940	5.467	ug/l	98
41) Bromodichloromethane	9.894	83	44007	5.246	ug/l #	92
42) Vinyl Acetate	6.618	43	226313	23.654	ug/l #	86

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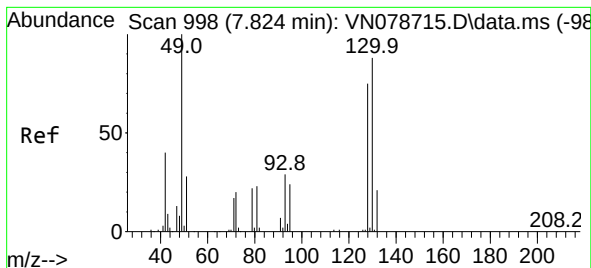
Manual Integrations APPROVED

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 Yesilyurt

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.582	43	28380	4.613	ug/l	#	75
44) Isopropyl Acetate	8.700	43	55157	5.110	ug/l		99
45) 1,4-Dioxane	9.712	88	10580	106.551	ug/l	#	85
46) Methyl methacrylate	9.688	41	24291	4.914	ug/l		85
47) n-amyl Acetate	12.500	43	34506	4.151	ug/l		97
48) t-1,3-Dichloropropene	10.847	75	41865	4.676	ug/l	#	85
49) cis-1,3-Dichloropropene	10.318	75	47238	4.968	ug/l		95
50) 1,1,2-Trichloroethane	11.023	97	31544	5.311	ug/l		97
51) Ethyl methacrylate	10.882	69	35473	4.362	ug/l		87
52) 1,3-Dichloropropane	11.170	76	49982	4.682	ug/l		99
53) Dibromochloromethane	11.365	129	33161	4.942	ug/l		98
54) 1,2-Dibromoethane	11.476	107	29318	4.916	ug/l		93
55) 2-Chloroethyl vinyl ether	10.165	63	55543	21.435	ug/l		99
56) Bromoform	12.582	173	20118	4.582	ug/l	#	35
58) 4-Methyl-2-Pentanone	10.453	43	158361	24.284	ug/l		100
59) 2-Hexanone	11.206	43	108884	22.052	ug/l		98
61) Tetrachloroethene	11.112	164	29093	5.078	ug/l		94
62) Toluene	10.635	91	132777	5.067	ug/l		98
64) Chlorobenzene	11.900	112	76153	4.977	ug/l		99
65) 1,1,1,2-Tetrachloroethane	11.965	131	32084	5.317	ug/l		98
66) Ethyl Benzene	11.970	91	125730	4.760	ug/l		94
67) m/p-Xylenes	12.076	106	91286	9.048	ug/l		97
68) o-Xylene	12.406	106	41876	4.079	ug/l		93
69) Styrene	12.417	104	61897	3.747	ug/l		98
70) Isopropylbenzene	12.700	105	109536	4.313	ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.941	83	42033	5.095	ug/l		98
72) 1,2,3-Trichloropropane	13.000	75	29471m	4.259	ug/l		
73) Bromobenzene	12.988	156	27835	4.472	ug/l		95
74) n-propylbenzene	13.041	91	113681	4.039	ug/l		99
75) 2-Chlorotoluene	13.129	91	77167	3.970	ug/l		99
76) 1,3,5-Trimethylbenzene	13.176	105	85003	3.749	ug/l		99
77) t-1,4-Dichloro-2-butene	12.747	75	10137	4.191	ug/l		95
78) 4-Chlorotoluene	13.223	91	70415	3.752	ug/l		98
79) tert-butylbenzene	13.447	119	87515	4.484	ug/l		95
80) 1,2,4-Trimethylbenzene	13.488	105	86262	3.983	ug/l		97
81) sec-Butylbenzene	13.617	105	96272	3.849	ug/l		98
82) p-Isopropyltoluene	13.735	119	71922	3.502	ug/l		97
83) 1,3-Dichlorobenzene	13.741	146	34895	3.161	ug/l		98
84) 1,4-Dichlorobenzene	13.817	146	30436	2.945	ug/l		96
85) n-Butylbenzene	14.059	91	45035	3.162	ug/l		96
86) Hexachloroethane	14.341	117	17315	4.628	ug/l		91
87) 1,2-Dichlorobenzene	14.111	146	35542	3.440	ug/l		94
88) 1,2-Dibromo-3-Chloropr...	14.717	75	4639	3.311	ug/l	#	73
89) 1,2,4-Trichlorobenzene	15.400	180	6532	2.216	ug/l		87
90) Hexachlorobutadiene	15.505	225	10172	4.530	ug/l		79
91) Naphthalene	15.647	128	21108	2.364	ug/l		96
92) 1,2,3-Trichlorobenzene	15.847	180	8045	2.398	ug/l		91

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

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MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion:	128	Resp:	94908
Ion Ratio	Lower	Upper	
128	100		
49	144.9	0.0	370.8
130	128.9	0.0	307.0

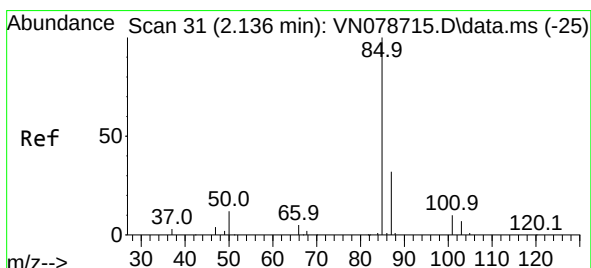
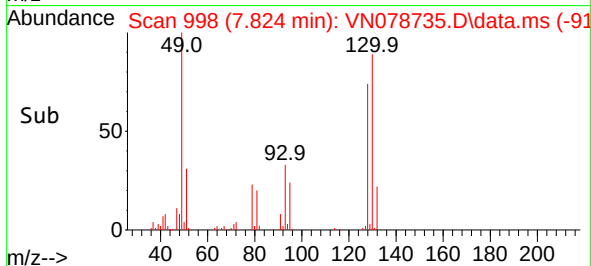
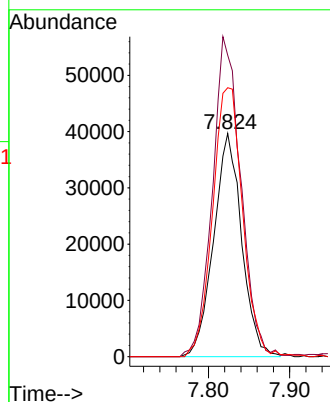
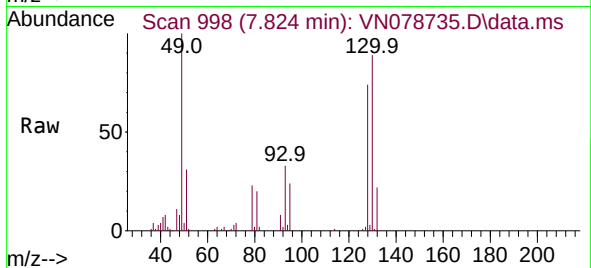
Manual Integrations
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Yesilyurt

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#2

Dichlorodifluoromethane

Concen: 5.423 ug/l

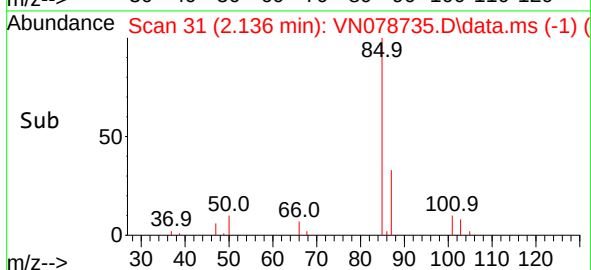
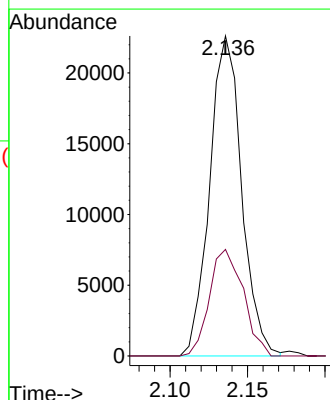
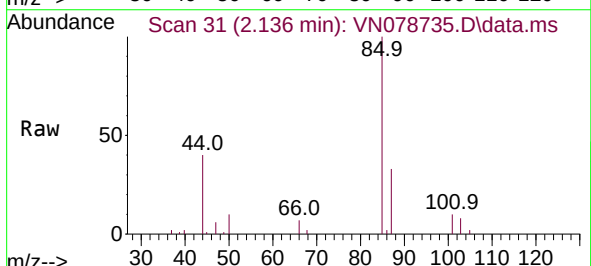
RT: 2.136 min Scan# 31

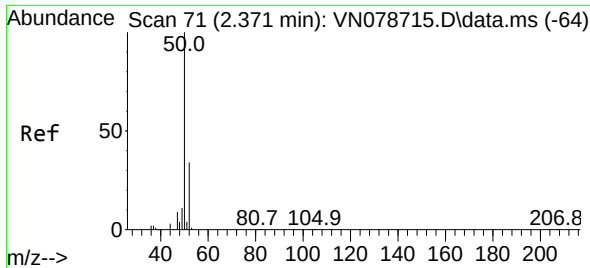
Delta R.T. -0.000 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

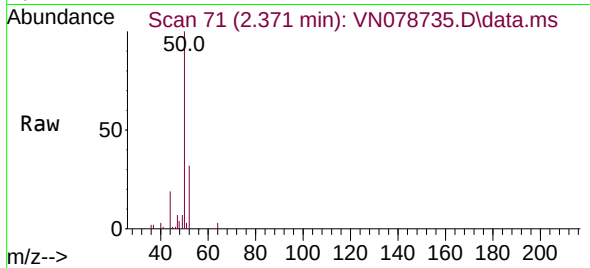
Tgt Ion:	85	Resp:	32466
Ion Ratio	Lower	Upper	
85	100		
87	33.3	16.4	49.4





#3
Chloromethane
Concen: 6.503 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023



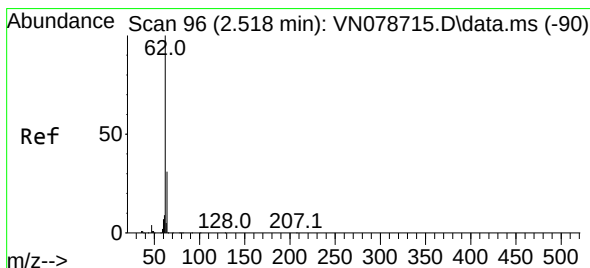
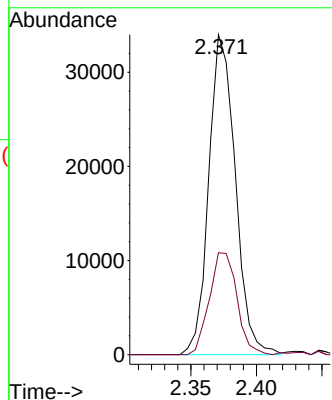
Tgt Ion: 50 Resp: 47924
Ion Ratio Lower Upper
50 100
52 31.9 24.6 36.8

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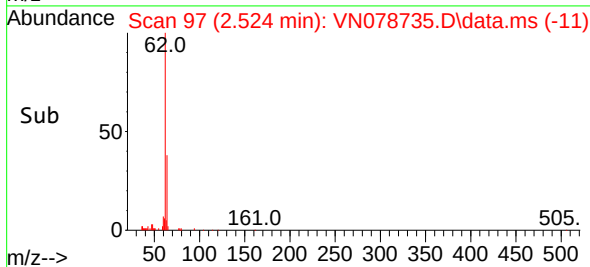
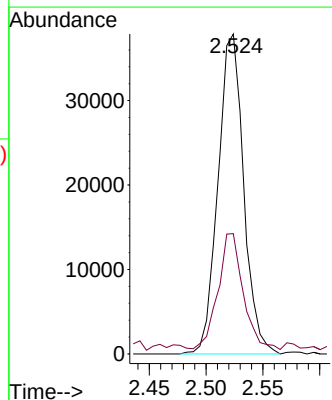
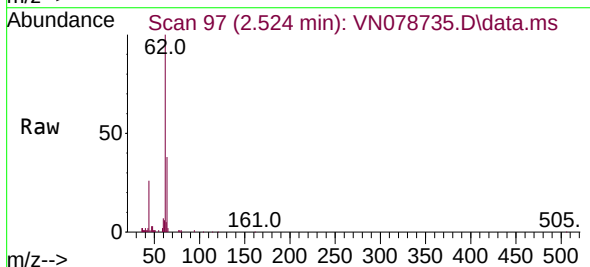
08/03/2023
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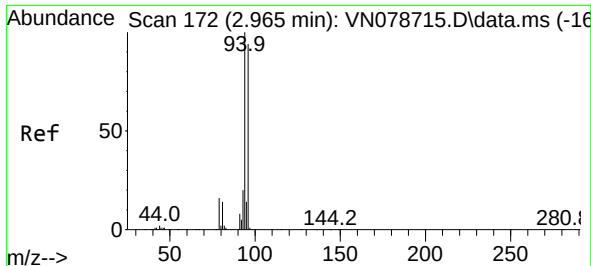
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#4
Vinyl Chloride
Concen: 5.932 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

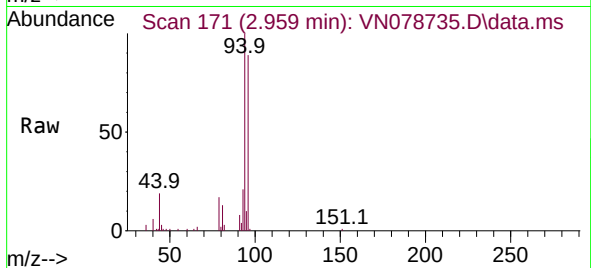
Tgt Ion: 62 Resp: 59401
Ion Ratio Lower Upper
62 100
64 36.2 23.3 34.9





#5
Bromomethane
Concen: 4.810 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023



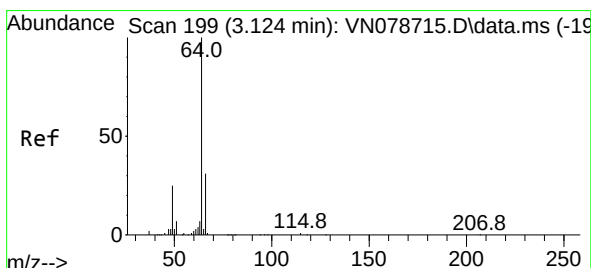
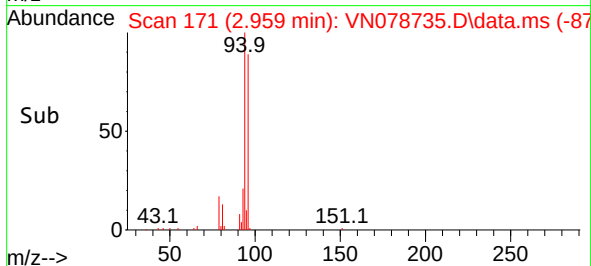
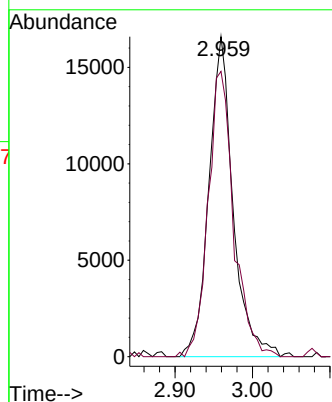
Tgt Ion: 94 Resp: 3600
Ion Ratio Lower Upper
94 100
96 89.2 73.9 110.9

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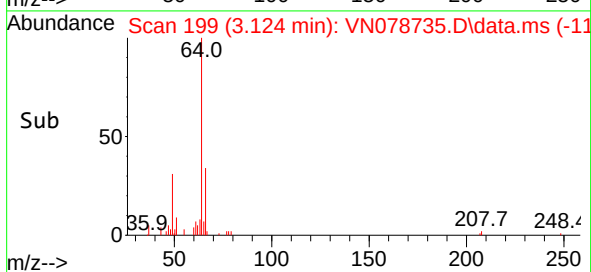
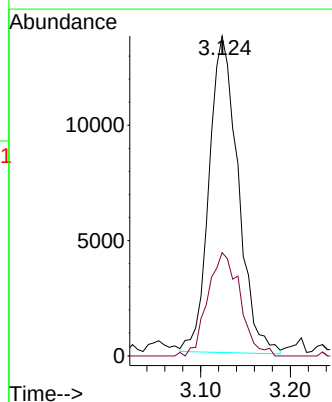
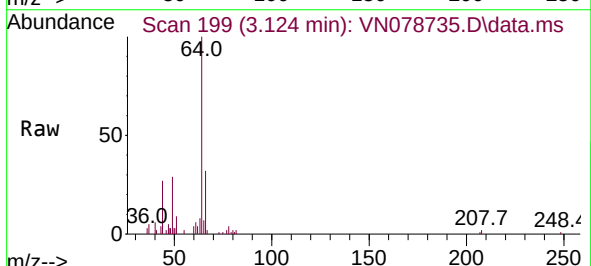
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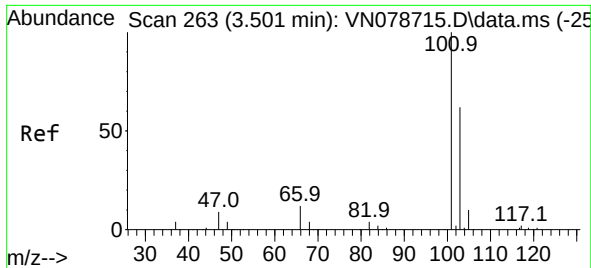
08/03/2023



#6
Chloroethane
Concen: 4.726 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

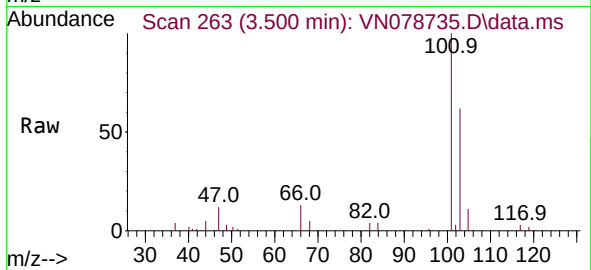
Tgt Ion: 64 Resp: 30824
Ion Ratio Lower Upper
64 100
66 32.9 25.7 38.5





#7
Trichlorofluoromethane
Concen: 5.290 ug/l
RT: 3.500 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN078735.D
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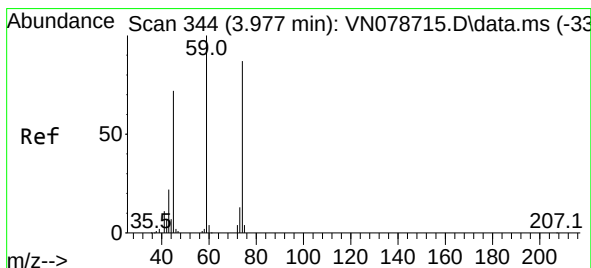
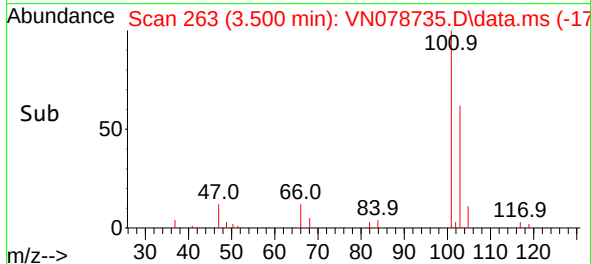
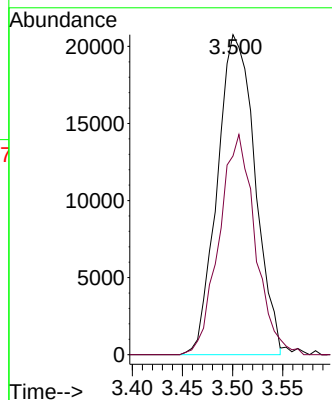
Tgt Ion:101 Resp: 5434
Ion Ratio Lower Upper
101 100
103 62.1 50.4 75.6

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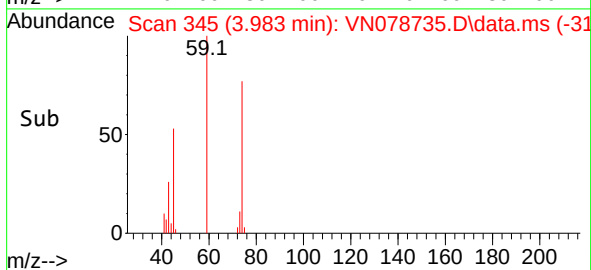
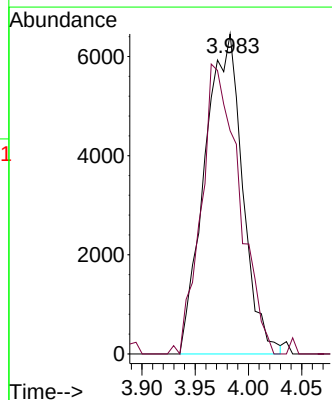
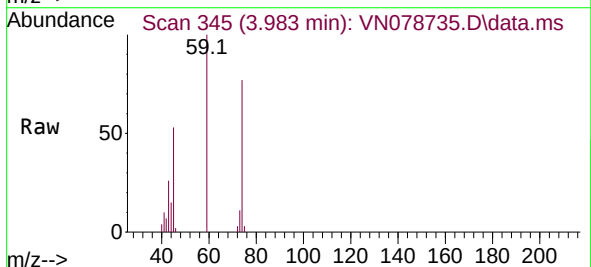
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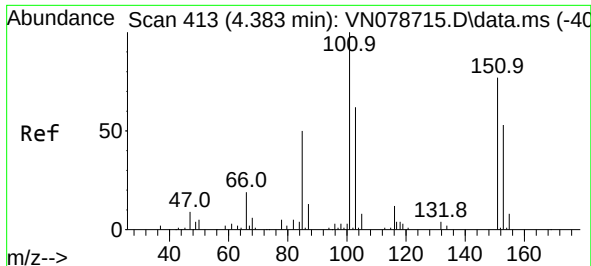
08/03/2023



#8
Diethyl Ether
Concen: 4.761 ug/l
RT: 3.983 min Scan# 345
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

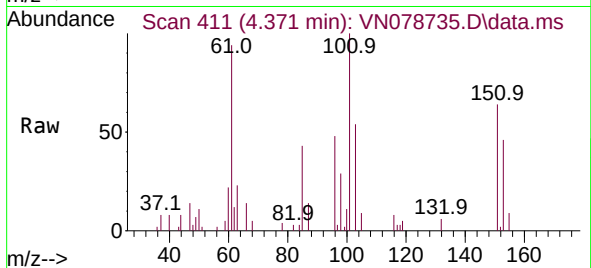
Tgt Ion: 74 Resp: 15969
Ion Ratio Lower Upper
74 100
45 90.4 16.3 146.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.249 ug/l m
RT: 4.371 min Scan# 413
Delta R.T. -0.012 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument :
MSVOA_N
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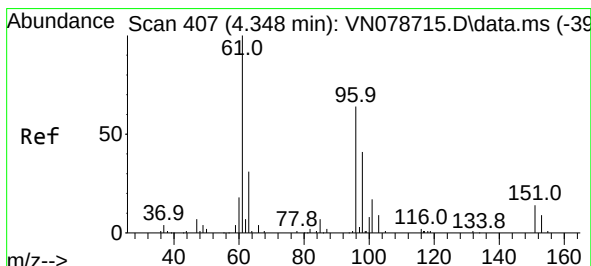
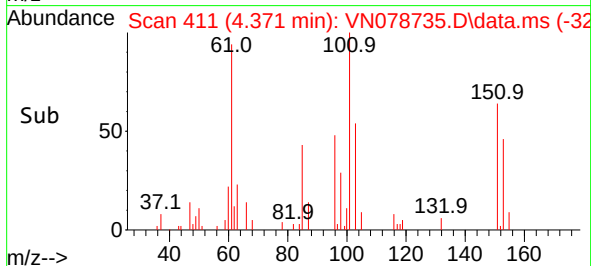
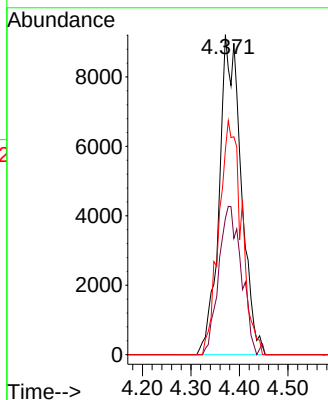
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Ion Ratio Lower Upper
101 100
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151 43.0 0.0 148.8

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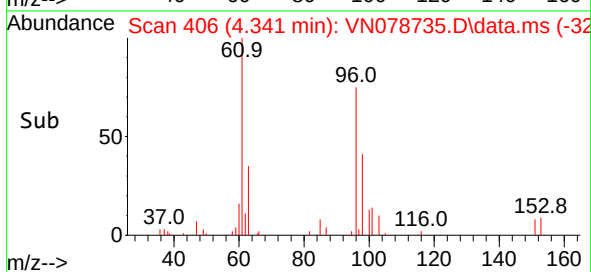
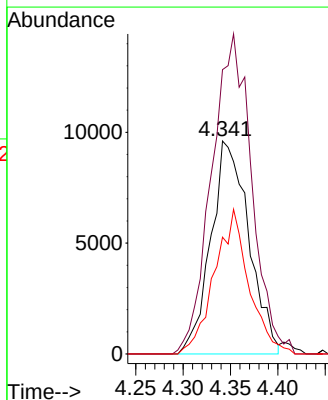
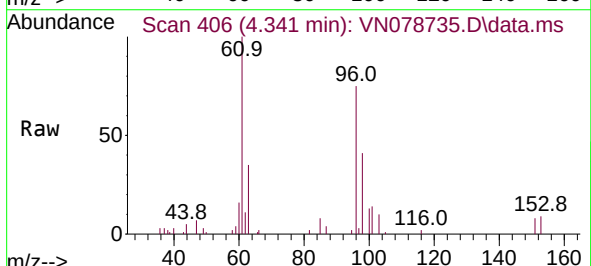
08/03/2023
Supervised By :Semsettin
Yesilyurt

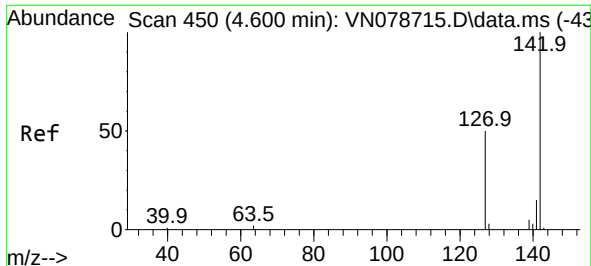
08/03/2023



#10
1,1-Dichloroethene
Concen: 5.068 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

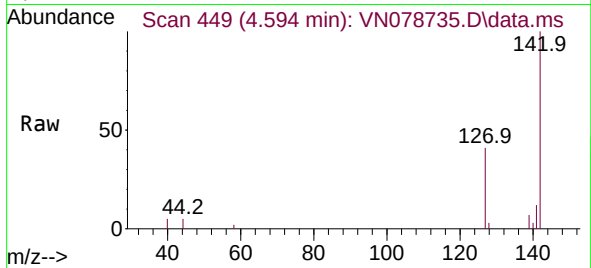
Tgt Ion: 96 Resp: 26799
Ion Ratio Lower Upper
96 100
61 131.6 123.4 185.2
98 54.9 53.7 80.5





#11
Methyl Iodide
Concen: 4.957 ug/l m
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023



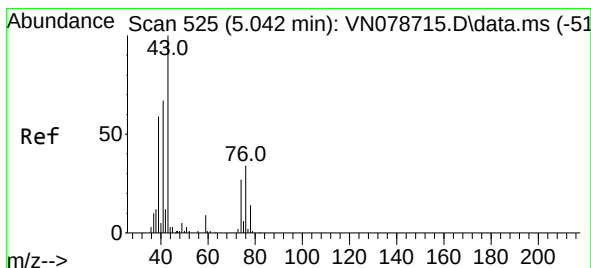
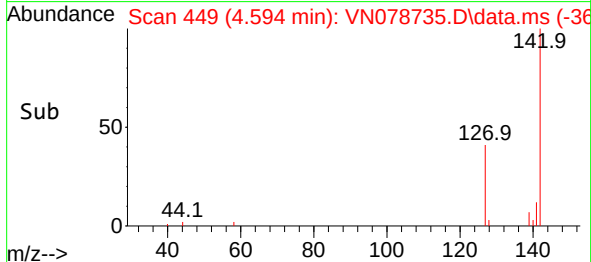
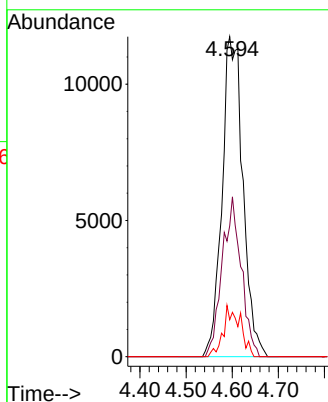
Tgt Ion:142 Resp: 3684
Ion Ratio Lower Upper
142 100
127 40.9 23.2 69.5
141 11.5 7.2 21.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

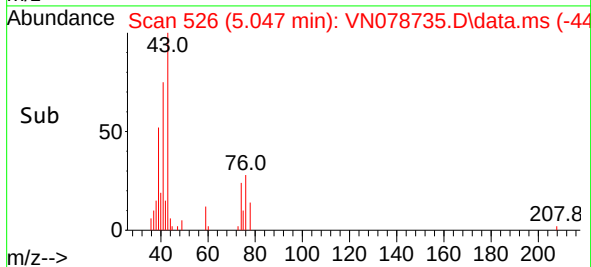
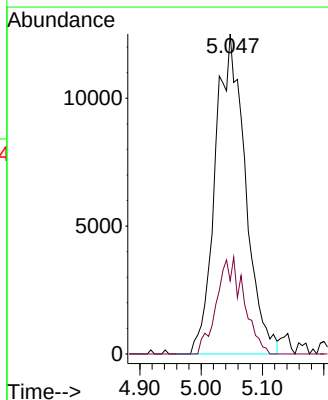
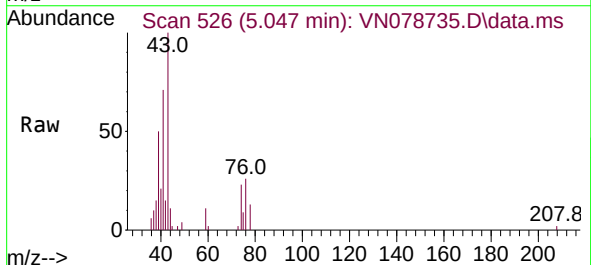
08/03/2023
Supervised By :Semsettin
Yesilyurt

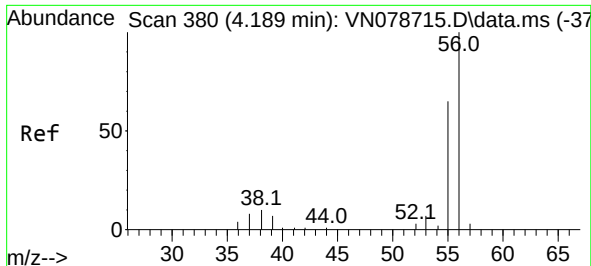
08/03/2023



#12
Methyl Acetate
Concen: 4.957 ug/l m
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 43 Resp: 42510
Ion Ratio Lower Upper
43 100
74 22.8 20.5 30.7





#13

Acrolein

Concen: 25.412 ug/l

RT: 4.194 min Scan# 381

Delta R.T. 0.006 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion: 56 Resp: 23209

Ion Ratio Lower Upper

56 100

55 48.2 59.0 88.4

Manual Integrations

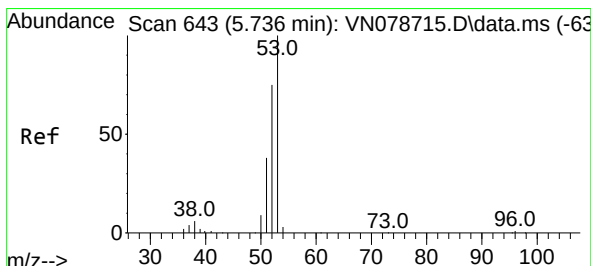
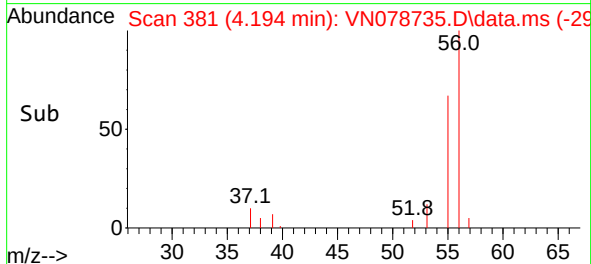
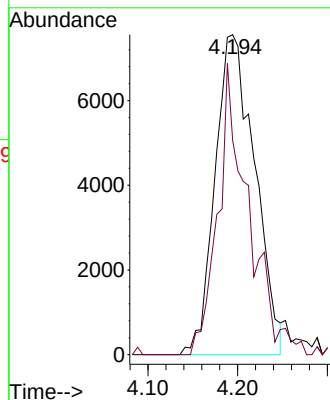
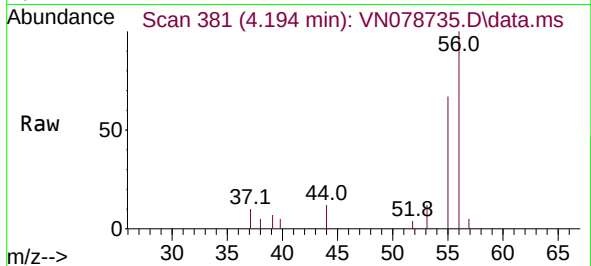
APPROVED

Reviewed By :John
Carlone

08/03/2023

Supervised By :Semsettin
Yesilyurt

08/03/2023



#14

Acrylonitrile

Concen: 25.256 ug/l m

RT: 5.730 min Scan# 642

Delta R.T. -0.006 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

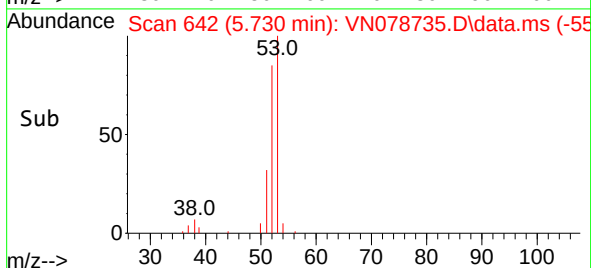
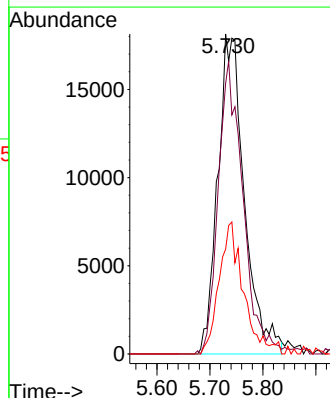
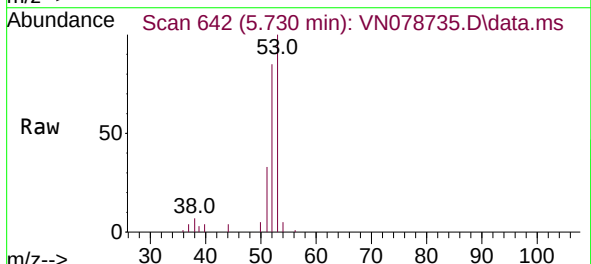
Tgt Ion: 53 Resp: 63427

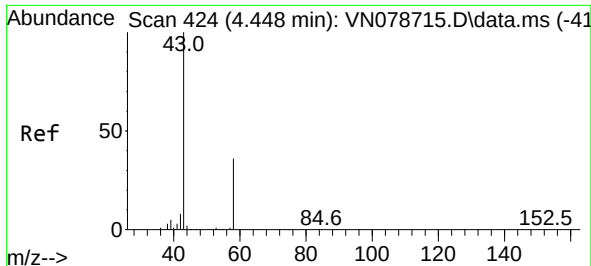
Ion Ratio Lower Upper

53 100

52 82.7 42.3 126.9

51 35.5 18.4 55.4





#15

Acetone

Concen: 23.702 ug/l

RT: 4.441 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN078735.D

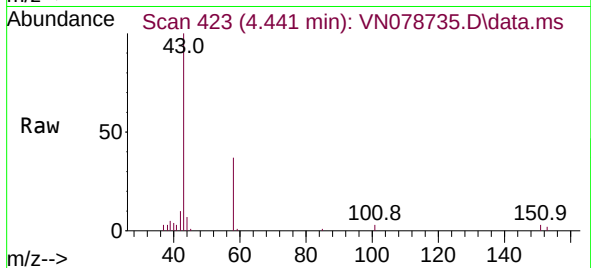
Acq: 02 Aug 2023 17:14

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023



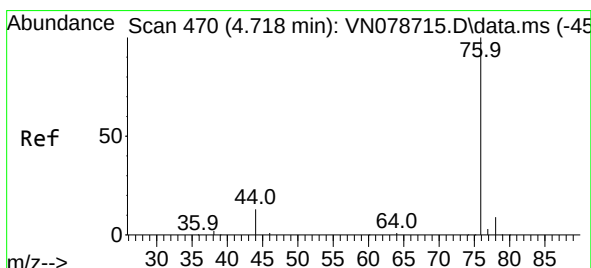
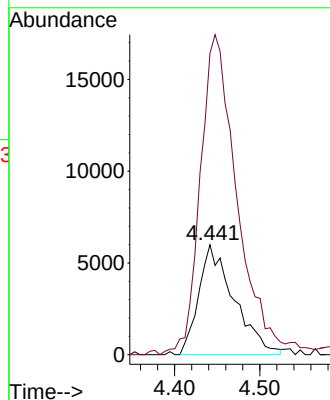
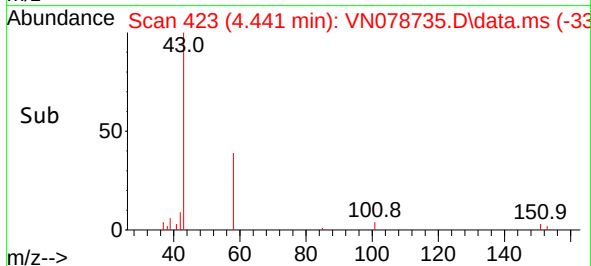
Tgt Ion: 58 Resp: 17240
 Ion Ratio Lower Upper
 58 100
 43 262.3 227.5 341.3

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

08/03/2023
 Supervised By :Semsettin
 Yesilyurt

08/03/2023



#16

Carbon Disulfide

Concen: 4.897 ug/l

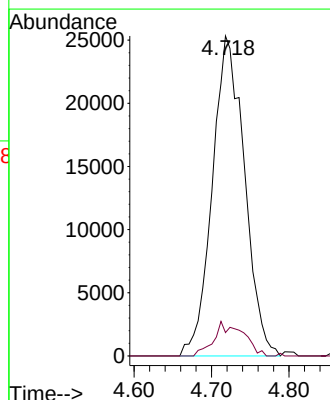
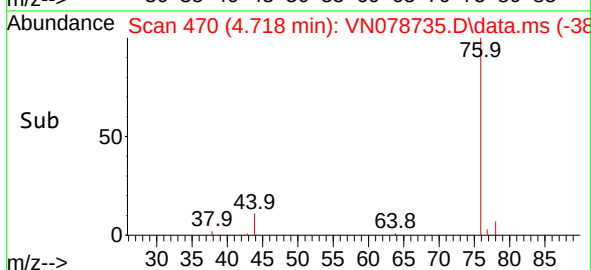
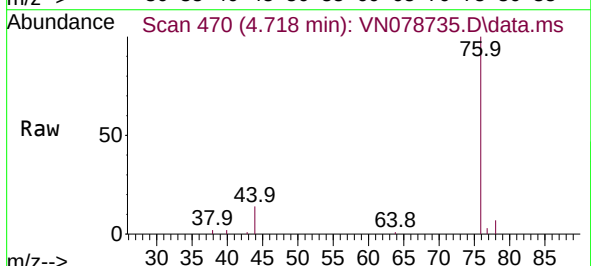
RT: 4.718 min Scan# 470

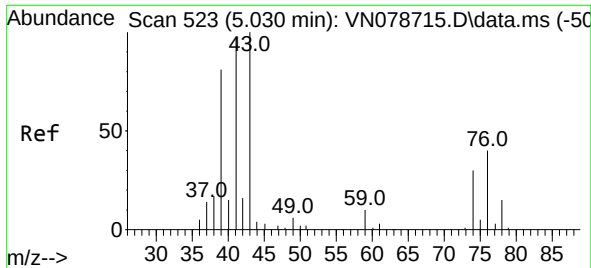
Delta R.T. -0.000 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

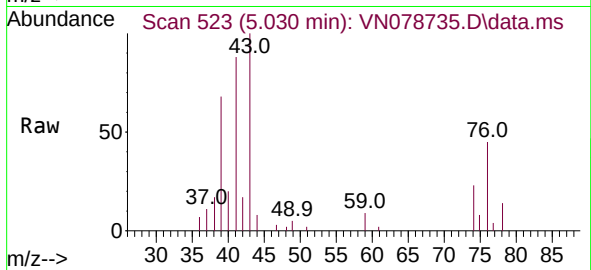
Tgt Ion: 76 Resp: 73142
 Ion Ratio Lower Upper
 76 100
 78 7.3 7.7 11.5#





#17
 Allyl chloride
 Concen: 4.933 ug/l m
 RT: 5.030 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN078735.D
 Acq: 02 Aug 2023 17:14

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2023



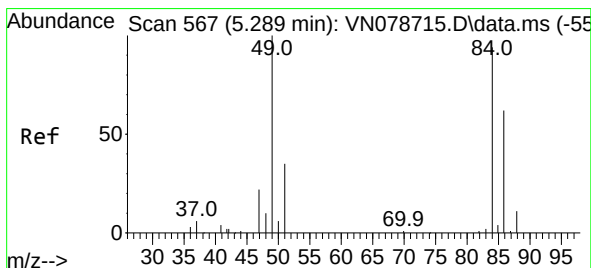
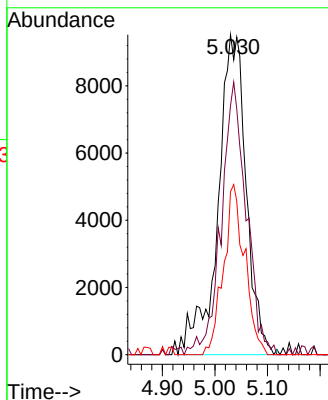
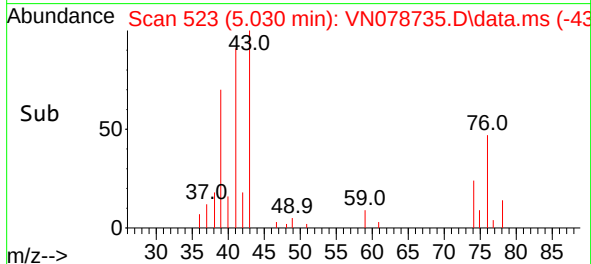
Tgt Ion: 41 Resp: 35612
 Ion Ratio Lower Upper
 41 100
 39 77.9 37.6 112.8
 76 51.0 23.8 71.4

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

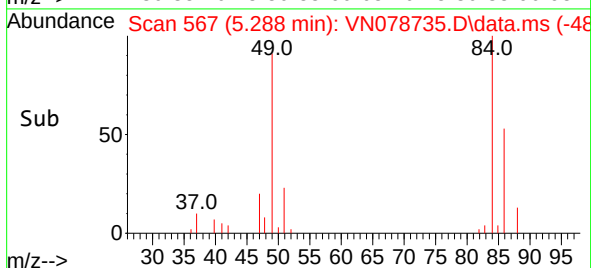
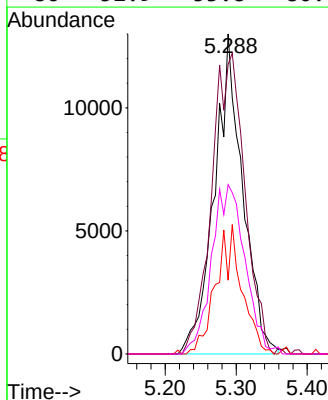
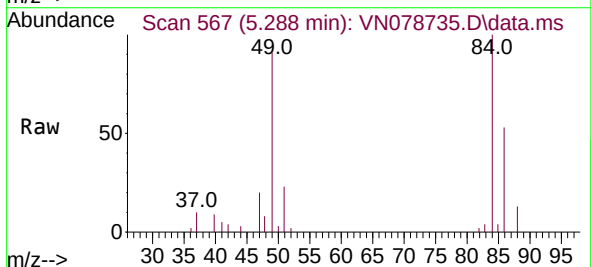
08/03/2023
 Supervised By :Semsettin
 Yesilyurt

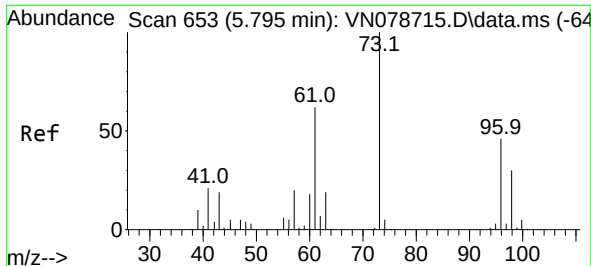
08/03/2023



#18
 Methylene Chloride
 Concen: 5.669 ug/l
 RT: 5.288 min Scan# 567
 Delta R.T. -0.000 min
 Lab File: VN078735.D
 Acq: 02 Aug 2023 17:14

Tgt Ion: 84 Resp: 35960
 Ion Ratio Lower Upper
 84 100
 49 90.5 88.1 132.1
 51 23.1 24.0 36.0#
 86 52.9 53.8 80.8#





#19

trans-1,2-Dichloroethene

Concen: 4.834 ug/l

RT: 5.800 min Scan# 653

Delta R.T. 0.006 min

Lab File: VN078735.D

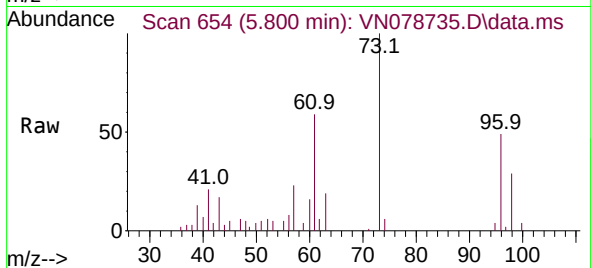
Acq: 02 Aug 2023 17:14

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023



Tgt Ion: 96 Resp: 29550

Ion	Ratio	Lower	Upper
96	100		
61	116.6	105.2	157.8
98	59.0	50.5	75.7

Manual Integrations

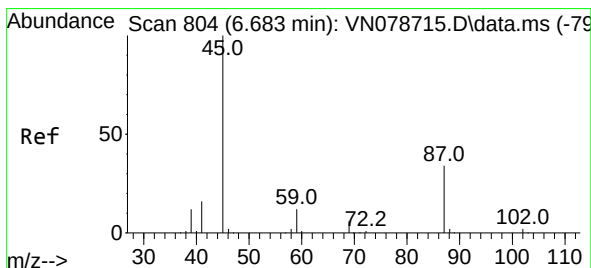
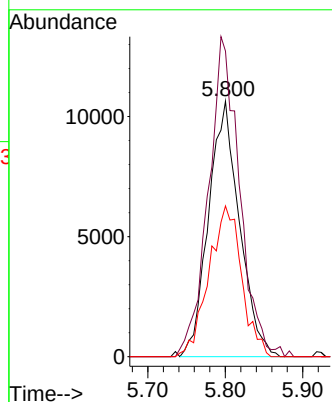
APPROVED

Reviewed By :John
Carlone

08/03/2023

Supervised By :Semsettin
Yesilyurt

08/03/2023



#20

Diisopropyl ether

Concen: 4.638 ug/l

RT: 6.688 min Scan# 805

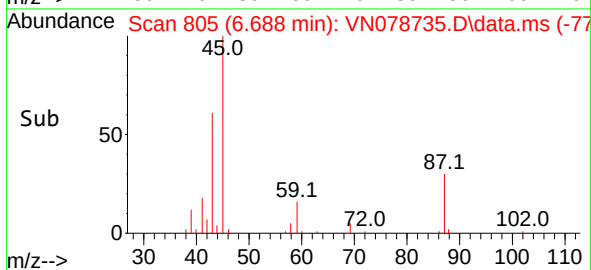
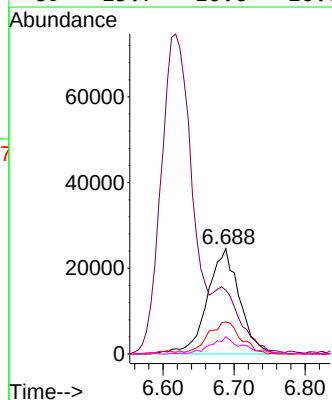
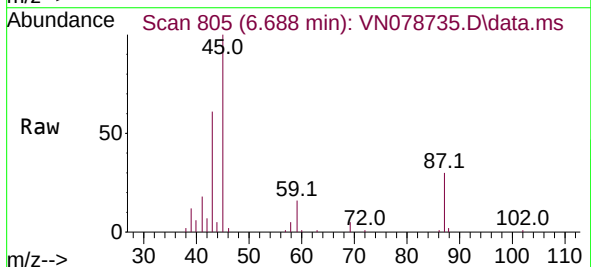
Delta R.T. 0.006 min

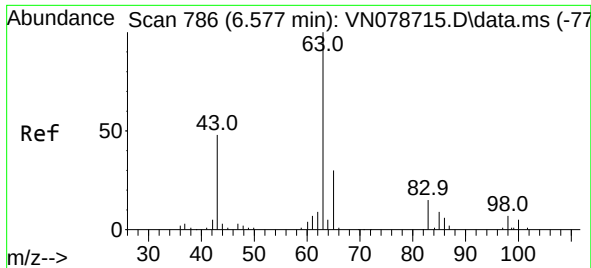
Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

Tgt Ion: 45 Resp: 75397

Ion	Ratio	Lower	Upper
45	100		
43	58.6	43.6	65.4
87	30.6	25.8	38.6
59	15.7	10.6	16.0





#21
1,1-Dichloroethane
Concen: 5.106 ug/l
RT: 6.583 min Scan# 786
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

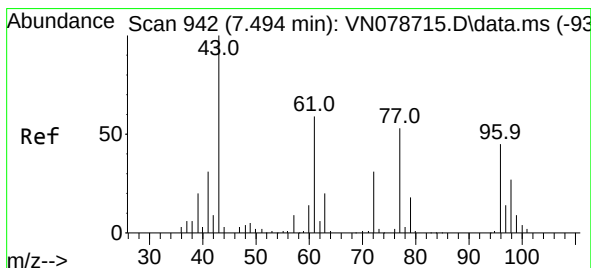
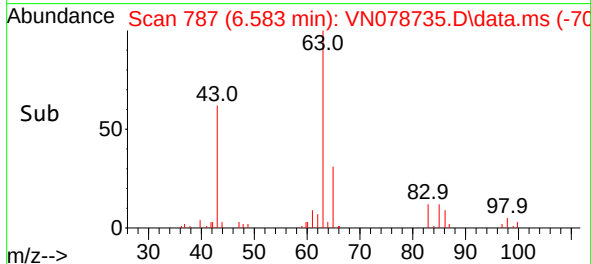
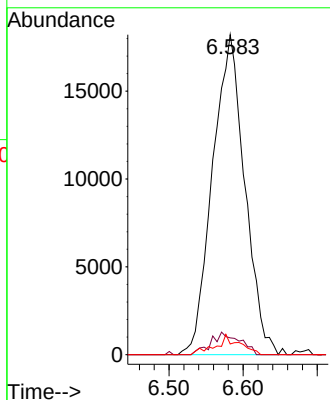
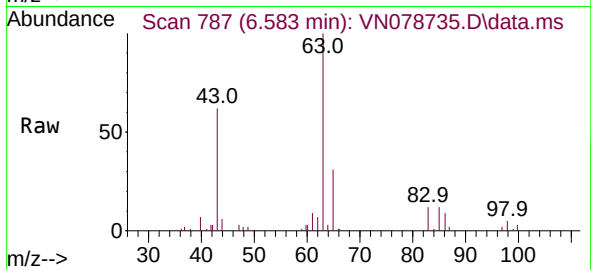
Tgt Ion: 63 Resp: 5496
Ion Ratio Lower Upper
63 100
98 5.2 2.7 8.1
100 3.4 2.5 7.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

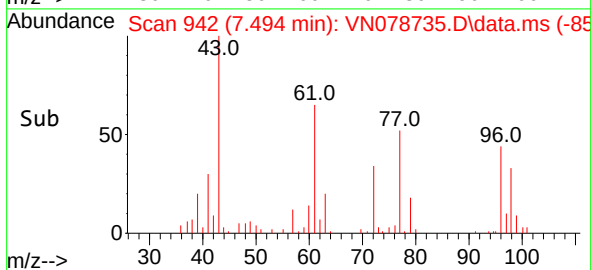
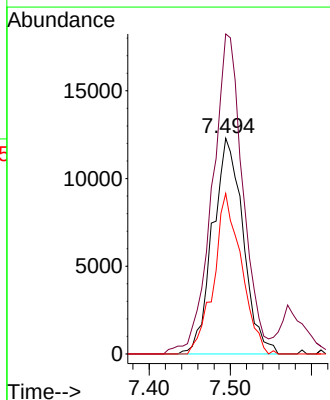
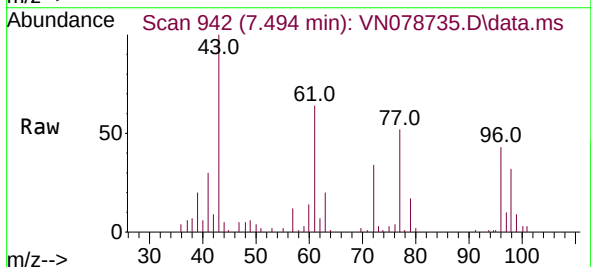
08/03/2023
Supervised By :Semsettin
Yesilyurt

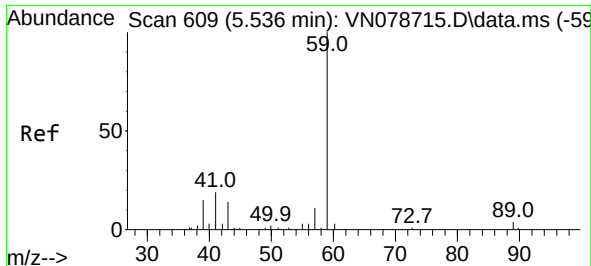
08/03/2023



#22
cis-1,2-Dichloroethene
Concen: 4.656 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 96 Resp: 31964
Ion Ratio Lower Upper
96 100
61 148.0 113.8 170.6
98 67.0 52.2 78.4





#23
tert-Butyl Alcohol
Concen: 26.538 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

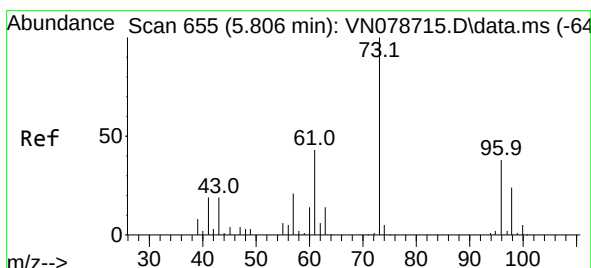
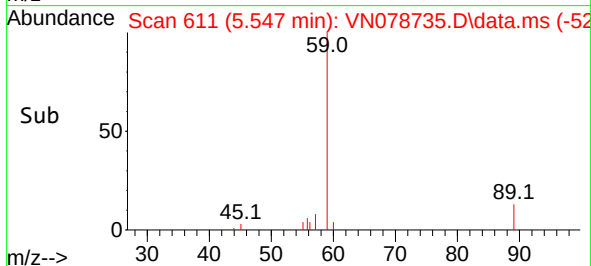
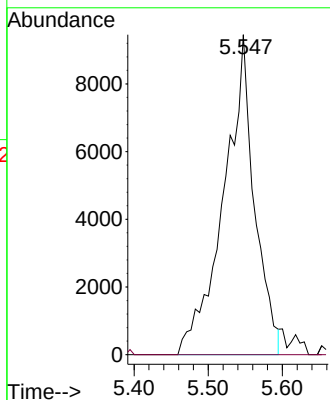
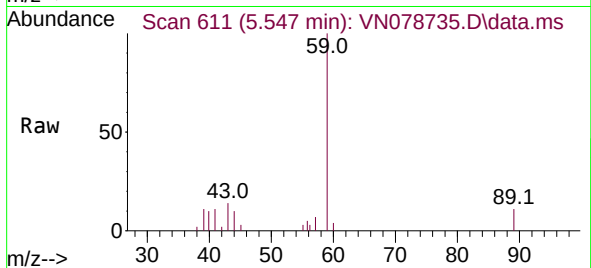
Tgt Ion: 59 Resp: 27234
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

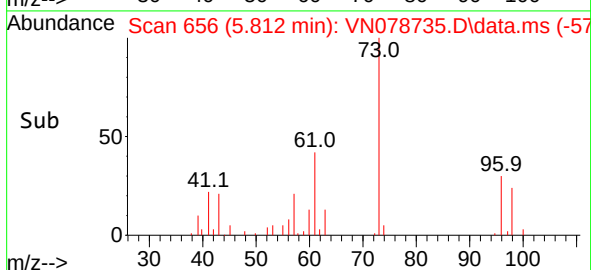
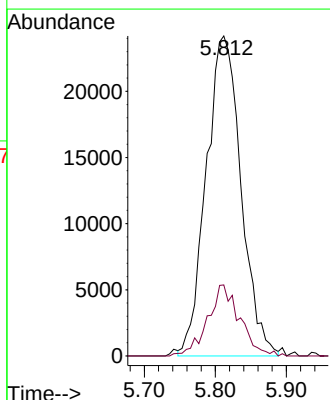
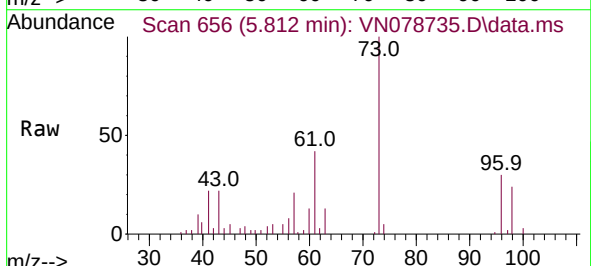
08/03/2023
Supervised By :Semsettin
Yesilyurt

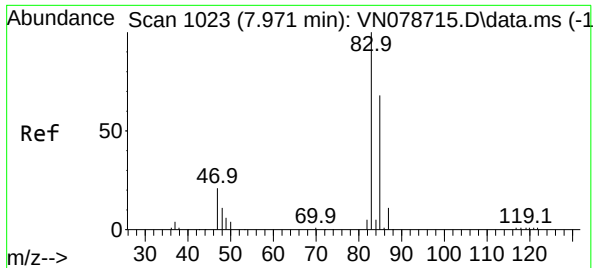
08/03/2023



#24
Methyl tert-Butyl Ether
Concen: 4.644 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 73 Resp: 82573
Ion Ratio Lower Upper
73 100
43 14.8 14.5 21.7





#25

Chloroform

Concen: 4.957 ug/l

RT: 7.977 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion: 83 Resp: 5648

Ion	Ratio	Lower	Upper
83	100		
85	66.7	53.4	80.0

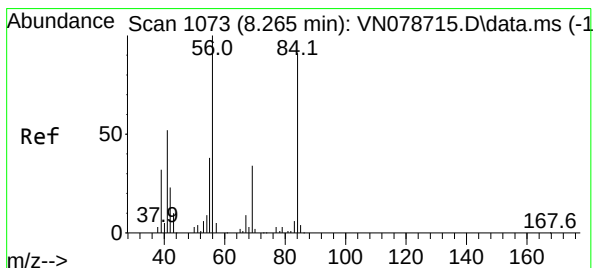
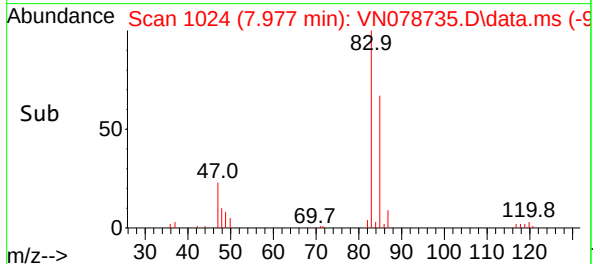
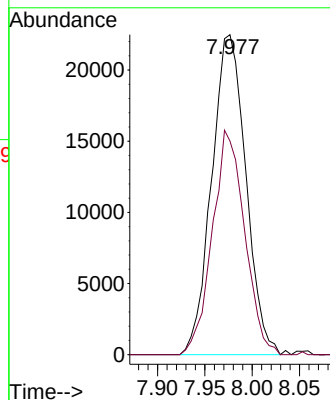
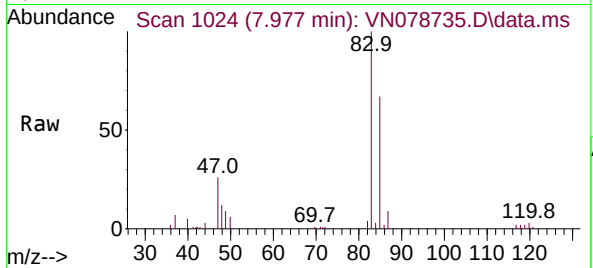
Manual Integrations
APPROVED

Reviewed By :John
Carlone

08/03/2023

Supervised By :Semsettin
Yesilyurt

08/03/2023



#26

Cyclohexane

Concen: 4.611 ug/l

RT: 8.265 min Scan# 1073

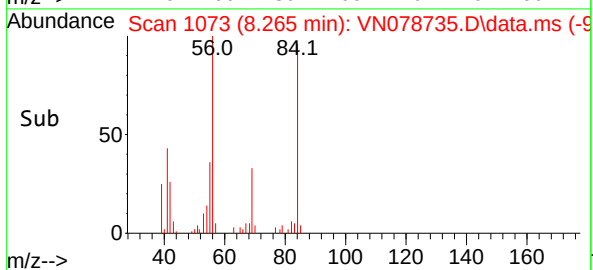
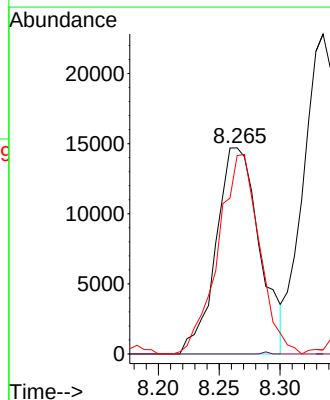
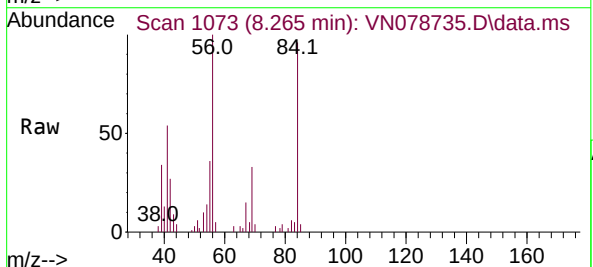
Delta R.T. -0.000 min

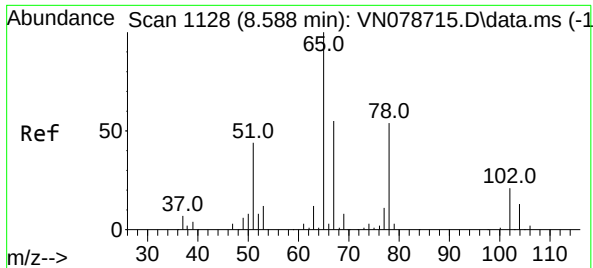
Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

Tgt Ion: 56 Resp: 36560

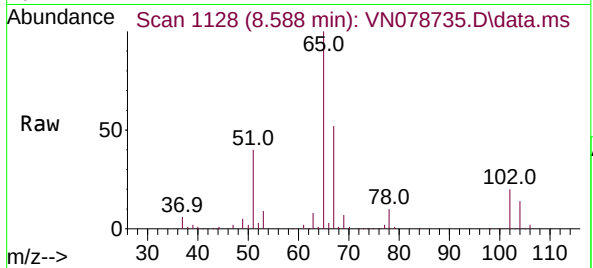
Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	91.8	74.2	111.4





#27
1,2-Dichloroethane-d4
Concen: 29.577 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023



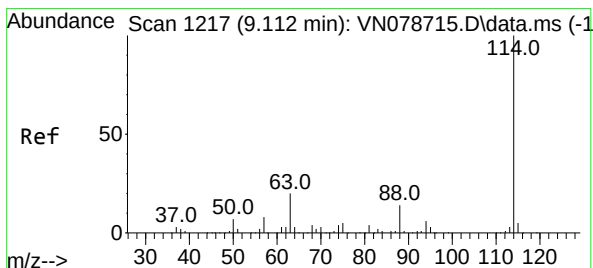
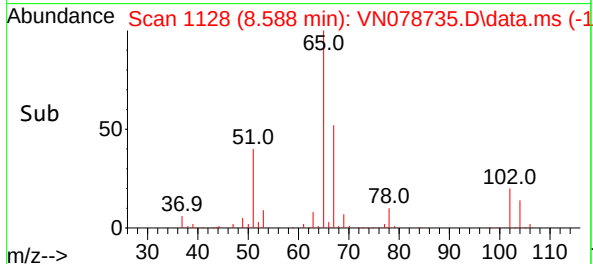
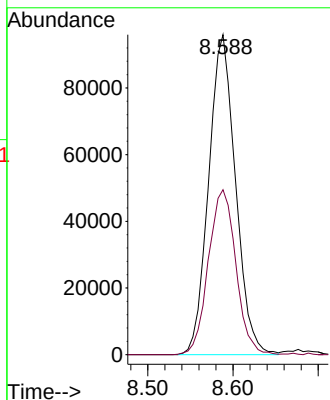
Tgt Ion: 65 Resp: 210419
Ion Ratio Lower Upper
65 100
67 52.8 42.9 64.3

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Reviewed By :John
Carlone

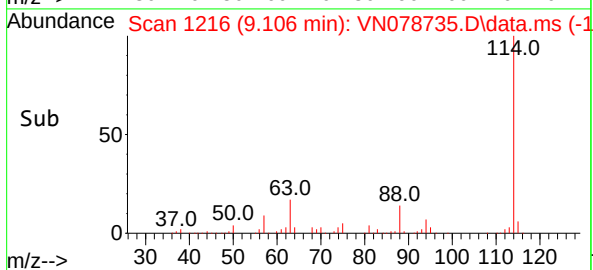
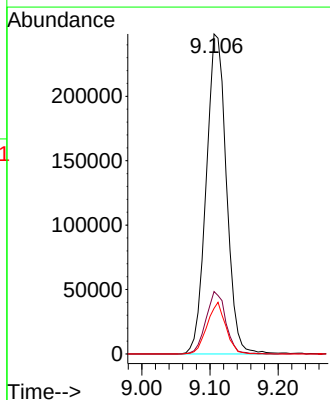
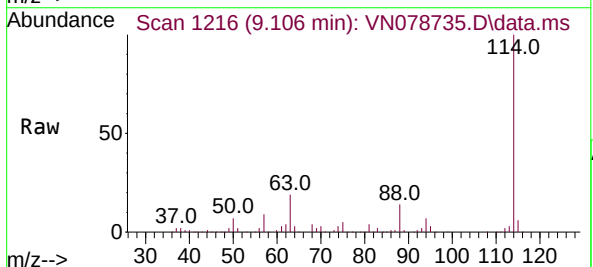
08/03/2023
Supervised By :Semsettin
Yesilyurt

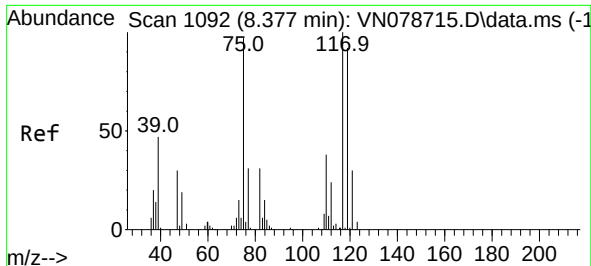
08/03/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

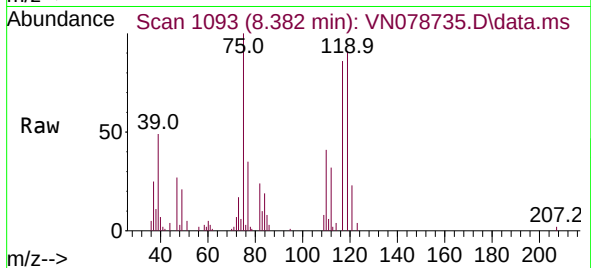
Tgt Ion:114 Resp: 511630
Ion Ratio Lower Upper
114 100
63 19.2 15.2 22.8
88 15.0 12.5 18.7





#29
1,1-Dichloropropene
Concen: 4.937 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023



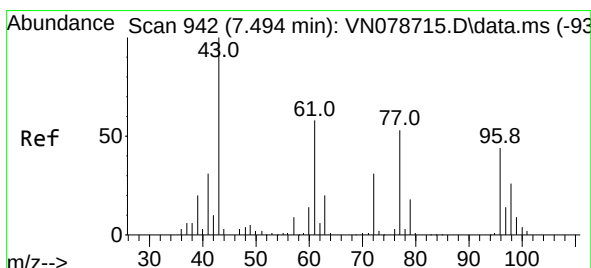
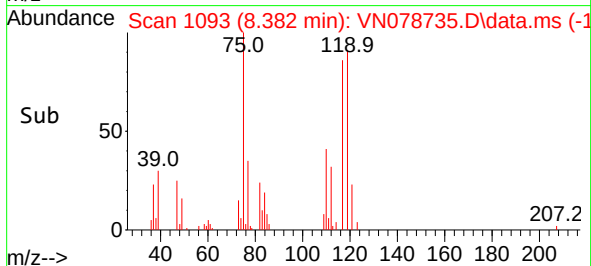
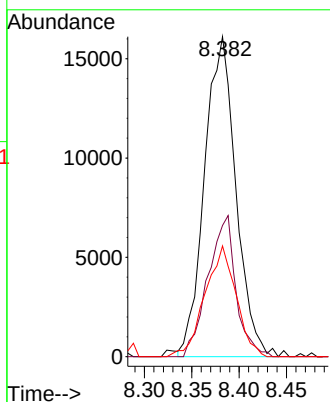
Tgt Ion: 75 Resp: 37169
Ion Ratio Lower Upper
75 100
110 39.2 0.0 72.2
77 34.2 0.0 62.8

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Reviewed By :John
Carlone

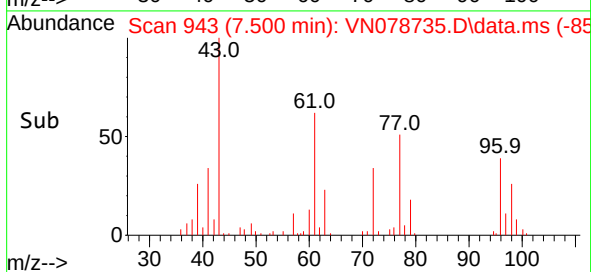
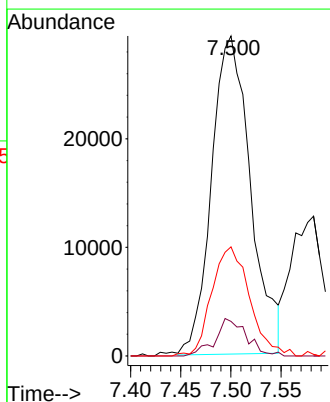
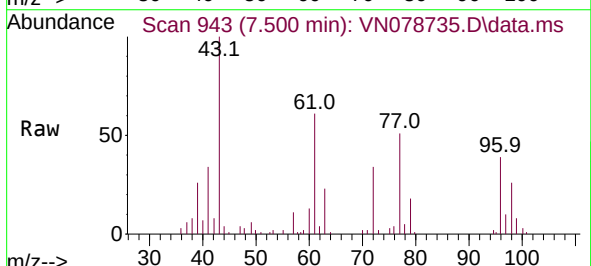
08/03/2023
Supervised By :Semsettin
Yesilyurt

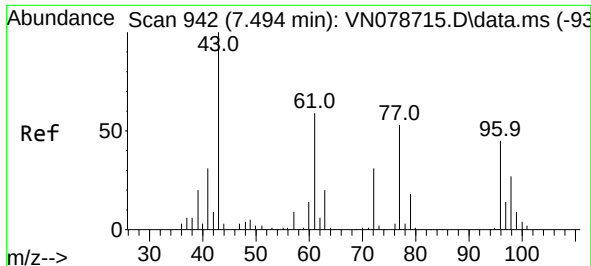
08/03/2023



#30
2-Butanone
Concen: 26.630 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

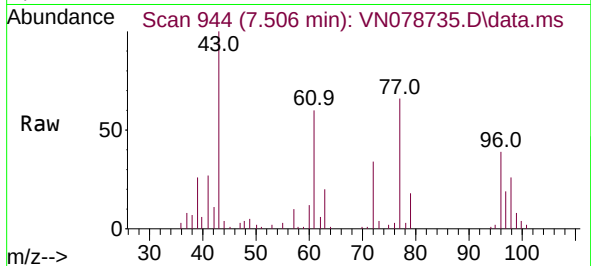
Tgt Ion: 43 Resp: 79251
Ion Ratio Lower Upper
43 100
57 7.9 6.8 10.2
72 33.0 23.8 35.6





#31
2,2-Dichloropropane
Concen: 5.060 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023



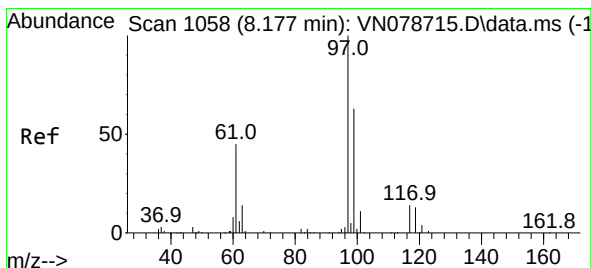
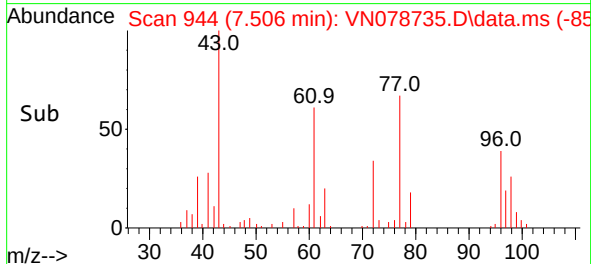
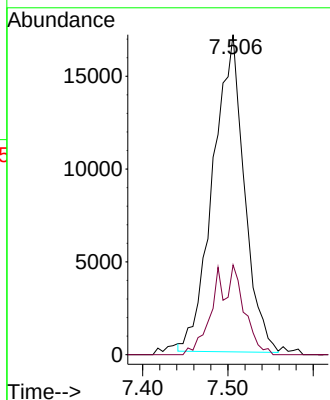
Tgt Ion: 77 Resp: 4370
Ion Ratio Lower Upper
77 100
97 15.0 18.8 28.2

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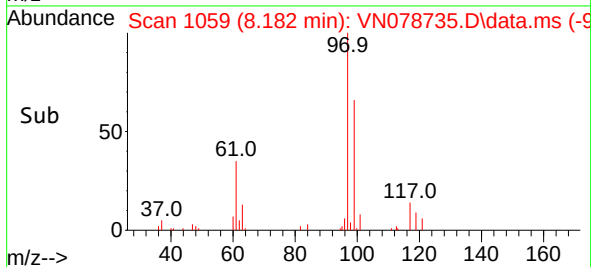
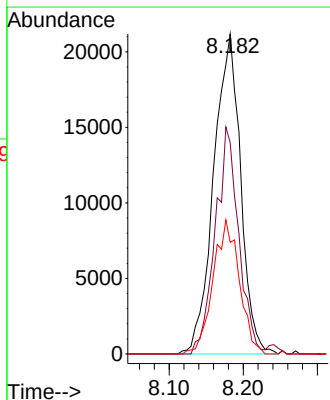
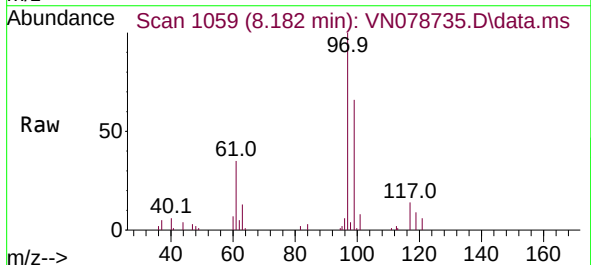
08/03/2023
Supervised By :Semsettin
Yesilyurt

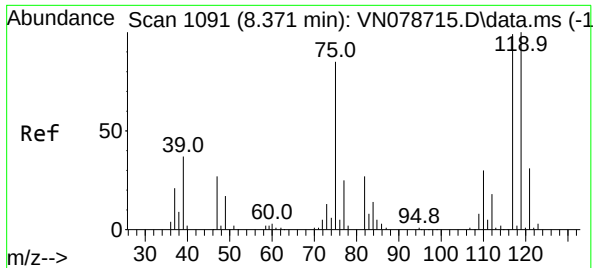
08/03/2023



#32
1,1,1-Trichloroethane
Concen: 5.615 ug/l
RT: 8.182 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

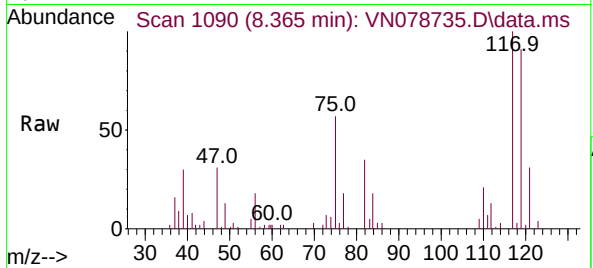
Tgt Ion: 97 Resp: 53481
Ion Ratio Lower Upper
97 100
99 61.6 51.3 76.9
61 40.8 34.6 52.0





#33
Carbon Tetrachloride
Concen: 5.409 ug/l
RT: 8.365 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023



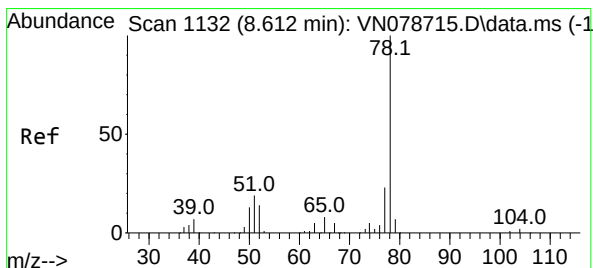
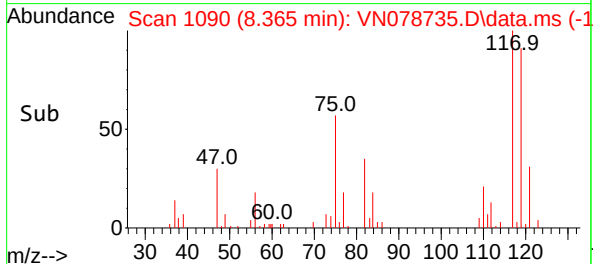
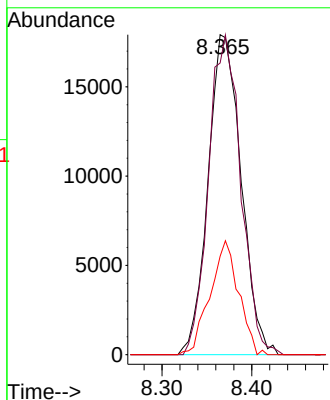
Tgt Ion: 117 Resp: 4575
Ion Ratio Lower Upper
117 100
119 91.2 81.4 122.0
121 30.8 23.6 35.4

Manual Integrations
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Reviewed By :John
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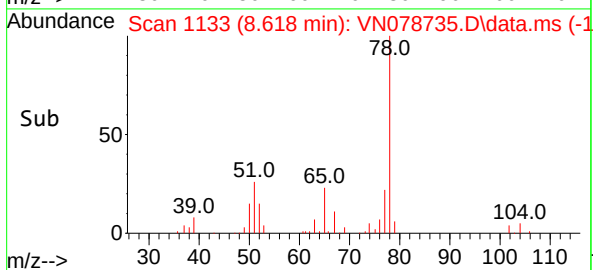
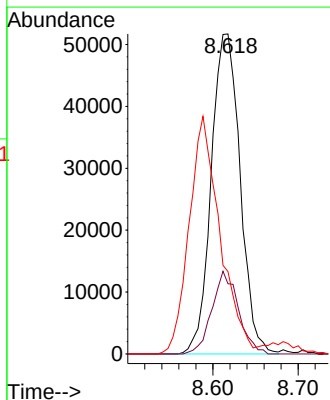
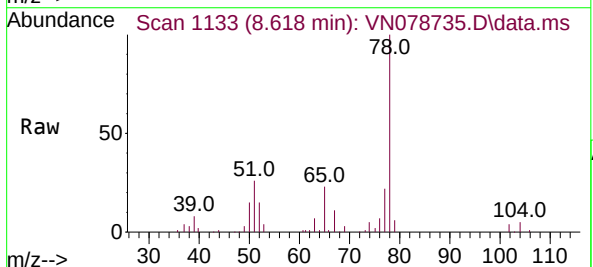
08/03/2023
Supervised By :Semsettin
Yesilyurt

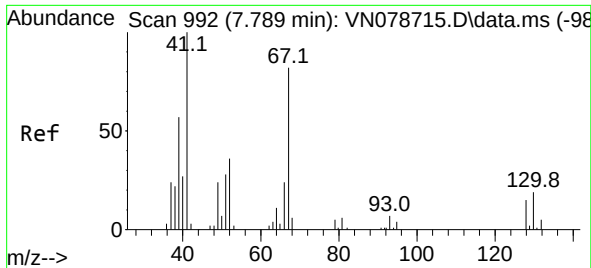
08/03/2023



#34
Benzene
Concen: 5.393 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

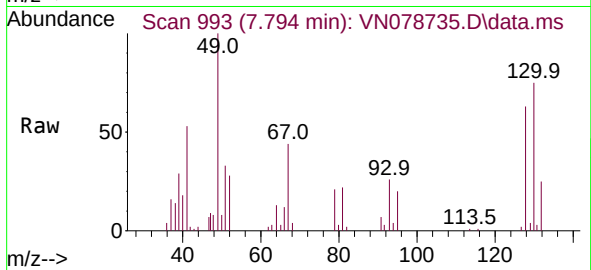
Tgt Ion: 78 Resp: 121958
Ion Ratio Lower Upper
78 100
77 21.9 18.3 27.5
51 22.9 13.7 20.5





#35
Methacrylonitrile
Concen: 4.901 ug/l
RT: 7.794 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023



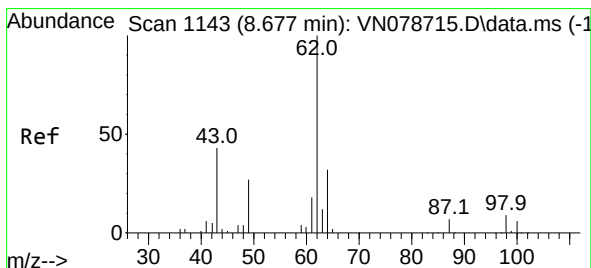
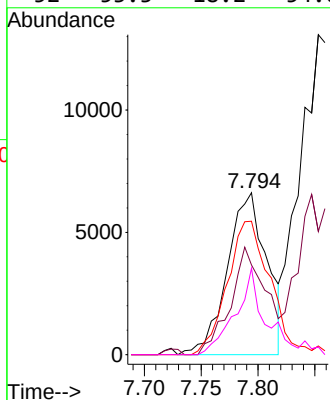
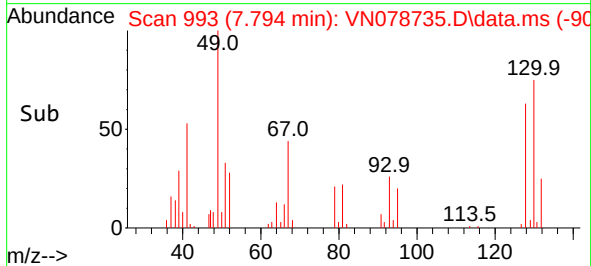
Tgt Ion: 41 Resp: 16010
Ion Ratio Lower Upper
41 100
39 52.1 33.9 101.6
67 82.4 45.9 137.6
52 53.3 18.2 54.6

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Reviewed By :John
Carlone

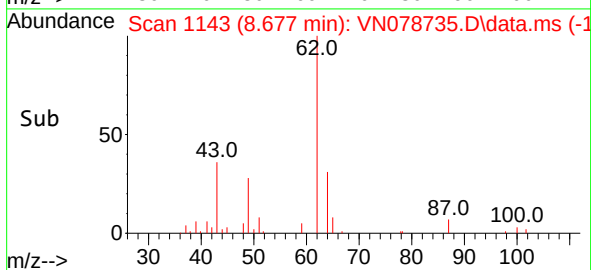
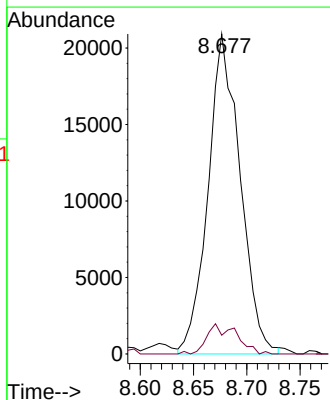
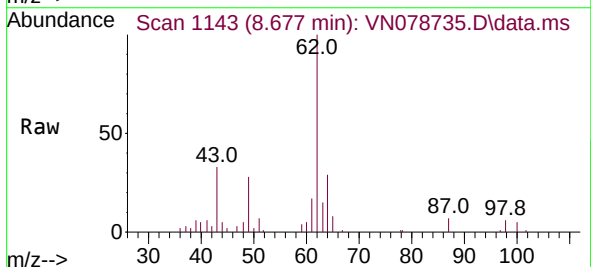
08/03/2023
Supervised By :Semsettin
Yesilyurt

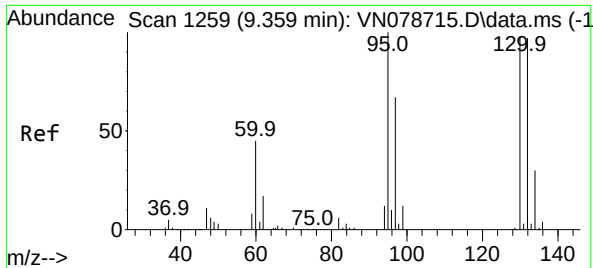
08/03/2023



#36
1,2-Dichloroethane
Concen: 5.516 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

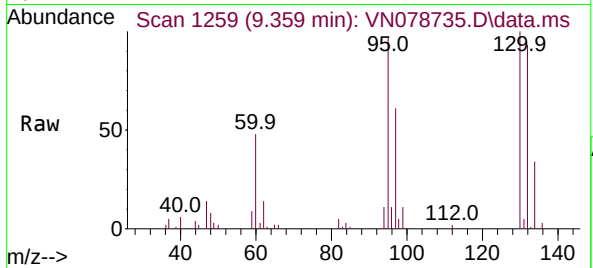
Tgt Ion: 62 Resp: 43808
Ion Ratio Lower Upper
62 100
98 4.4 7.4 11.0#





#37
Trichloroethene
Concen: 5.268 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023



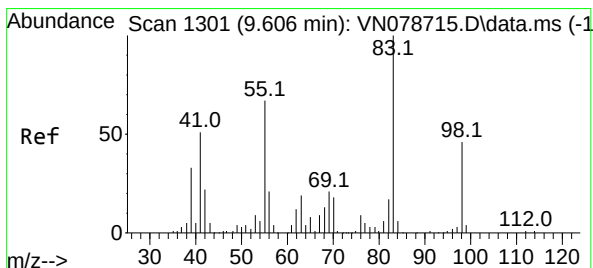
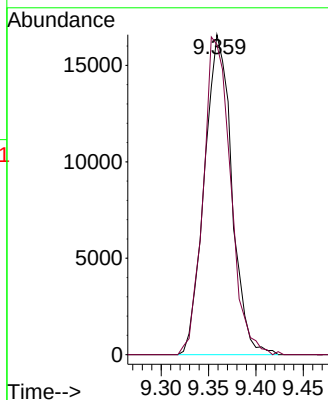
Tgt Ion:130 Resp: 3343
Ion Ratio Lower Upper
130 100
95 96.9 78.2 117.4

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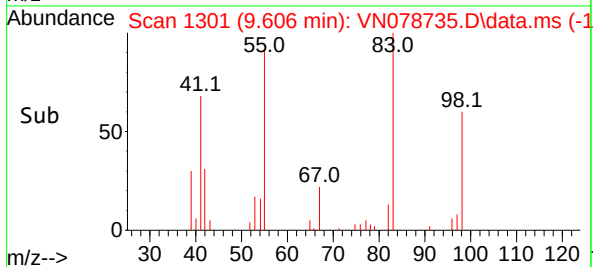
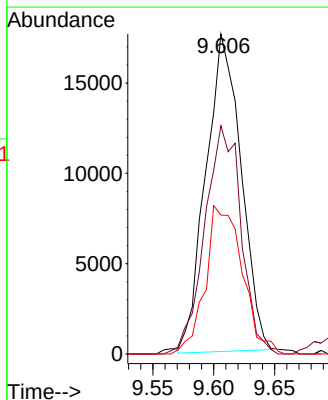
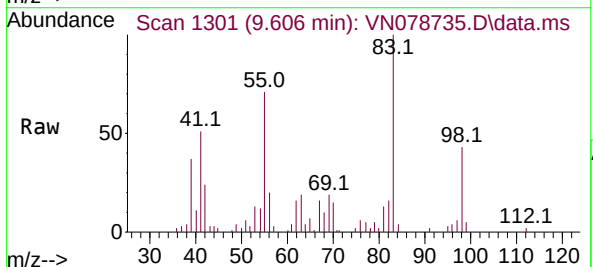
08/03/2023
Supervised By :Semsettin
Yesilyurt

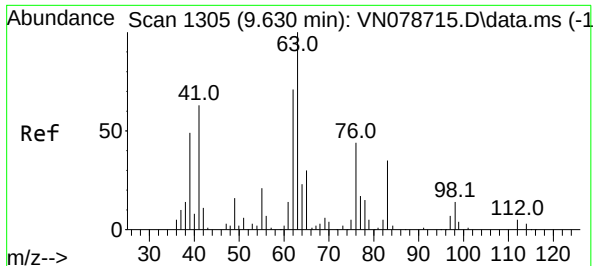
08/03/2023



#38
Methylcyclohexane
Concen: 4.575 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

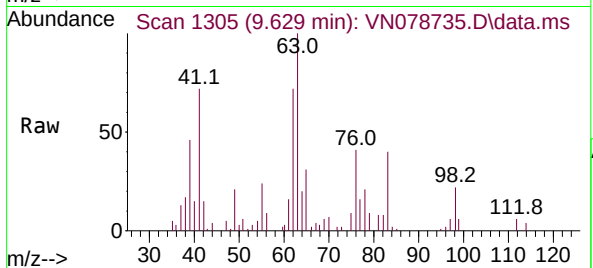
Tgt Ion: 83 Resp: 35386
Ion Ratio Lower Upper
83 100
55 73.9 34.0 102.0
98 48.1 23.0 69.0





#39
1,2-Dichloropropane
Concen: 5.122 ug/l
RT: 9.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023



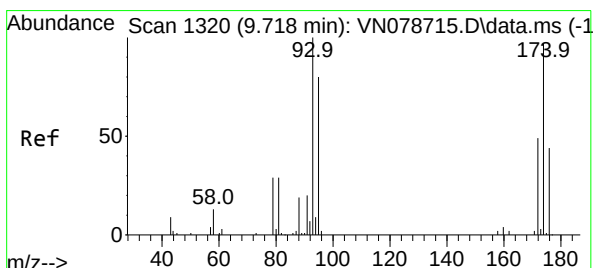
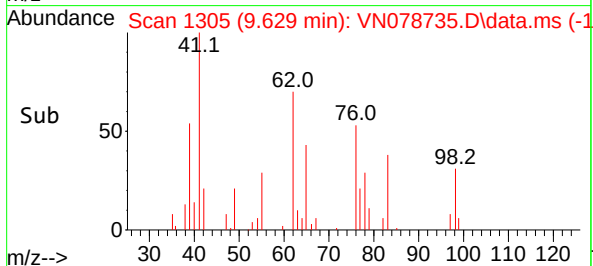
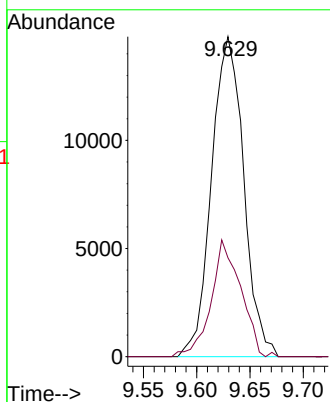
Tgt Ion: 63 Resp: 31050
Ion Ratio Lower Upper
63 100
65 30.9 27.4 41.2

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Reviewed By :John
Carlone

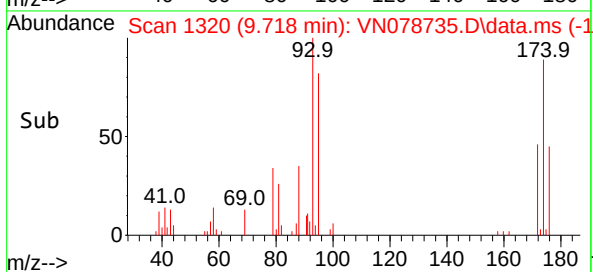
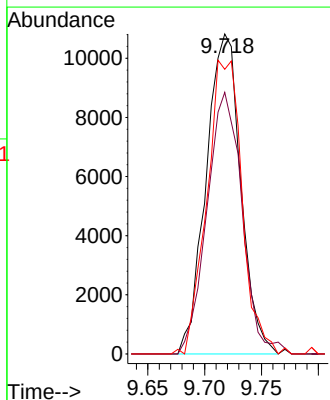
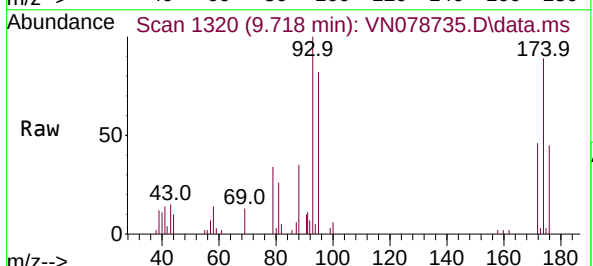
08/03/2023
Supervised By :Semsettin
Yesilyurt

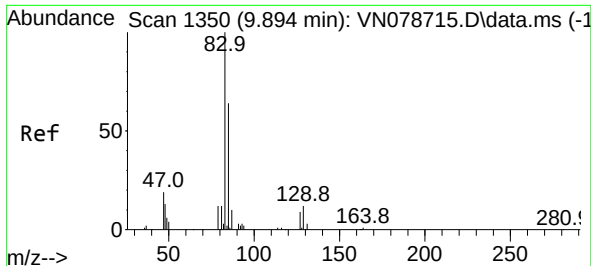
08/03/2023



#40
Dibromomethane
Concen: 5.467 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

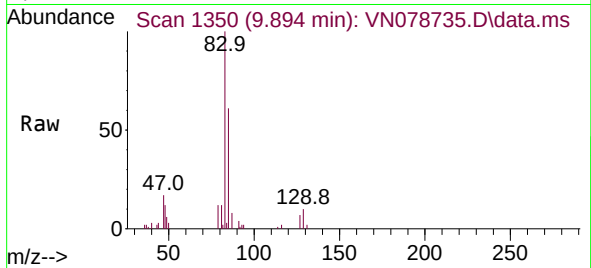
Tgt Ion: 93 Resp: 22940
Ion Ratio Lower Upper
93 100
95 81.8 0.0 167.8
174 92.3 0.0 180.8





#41
Bromodichloromethane
Concen: 5.246 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023



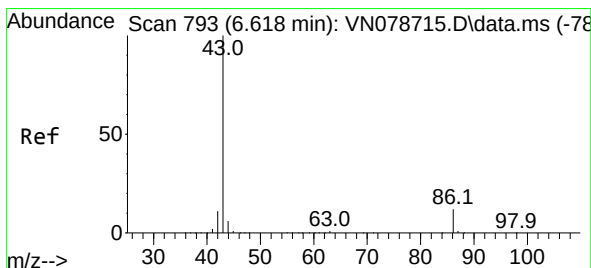
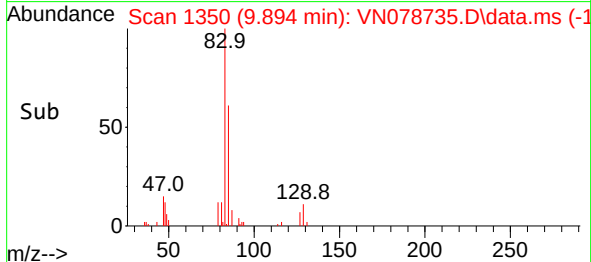
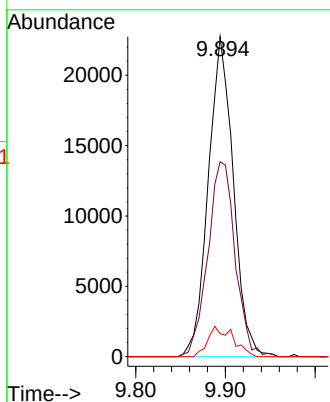
Tgt Ion: 83 Resp: 4400
Ion Ratio Lower Upper
83 100
85 60.9 54.1 81.1
127 7.2 7.8 11.6

Manual Integrations
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Reviewed By :John
Carlone

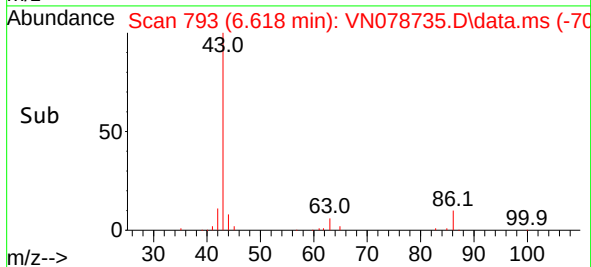
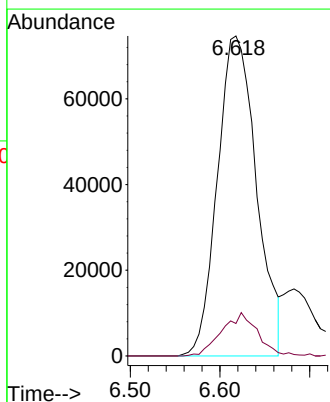
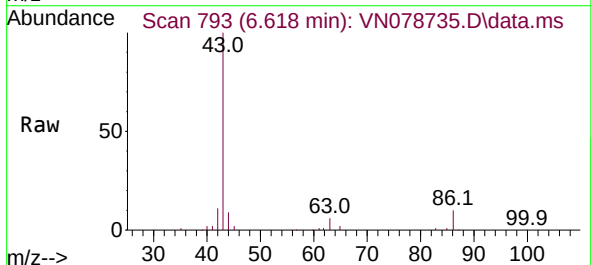
08/03/2023
Supervised By :Semsettin
Yesilyurt

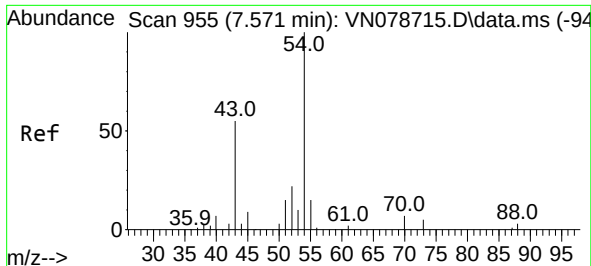
08/03/2023



#42
Vinyl Acetate
Concen: 23.654 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 43 Resp: 226313
Ion Ratio Lower Upper
43 100
86 6.4 9.4 14.0





#43

Ethyl Acetate

Concen: 4.613 ug/l

RT: 7.582 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

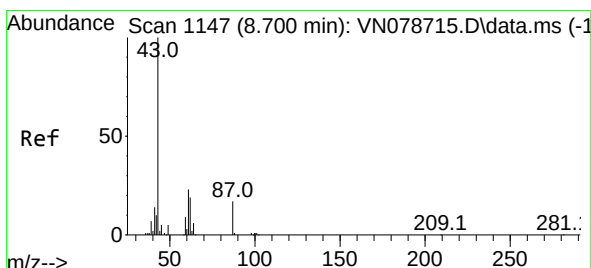
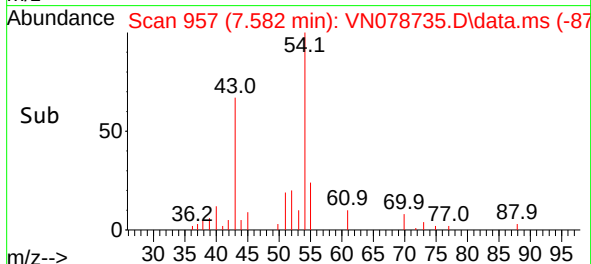
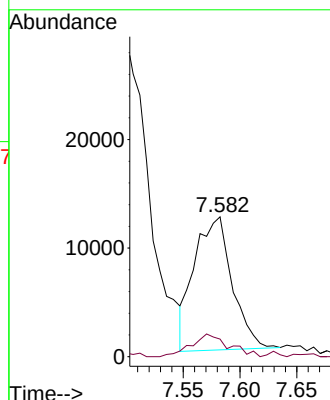
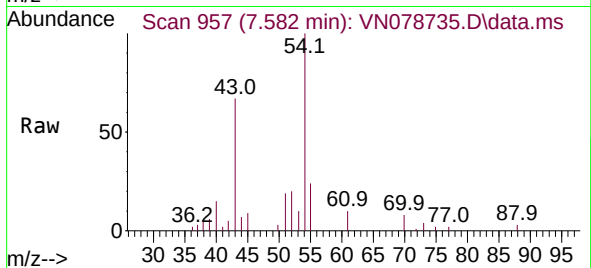
Tgt Ion: 43 Resp: 28380
 Ion Ratio Lower Upper
 43 100
 45 3.4 10.9 16.3

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

08/03/2023
 Supervised By :Semsettin
 Yesilyurt

08/03/2023



#44

Isopropyl Acetate

Concen: 5.110 ug/l

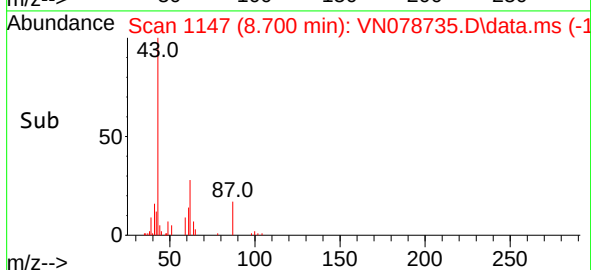
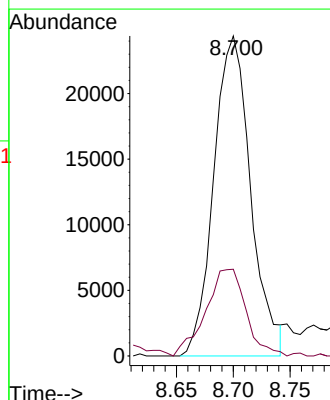
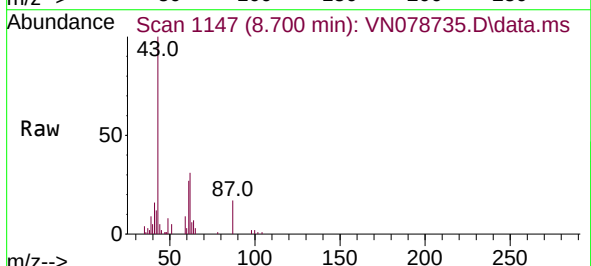
RT: 8.700 min Scan# 1147

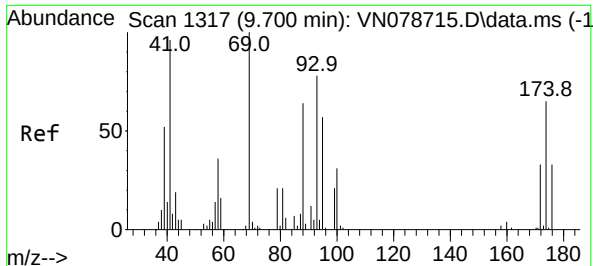
Delta R.T. -0.000 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

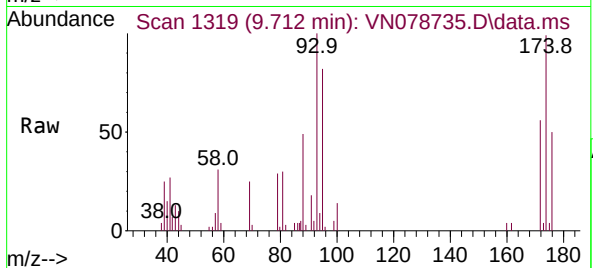
Tgt Ion: 43 Resp: 55157
 Ion Ratio Lower Upper
 43 100
 61 29.4 23.0 34.6





#45
1,4-Dioxane
Concen: 106.551 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023



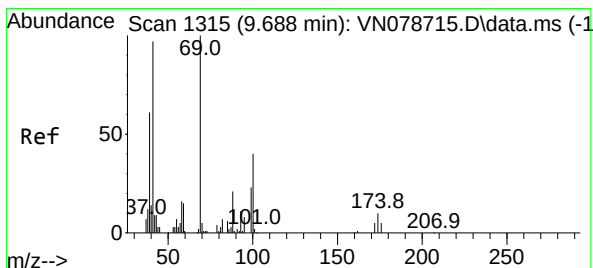
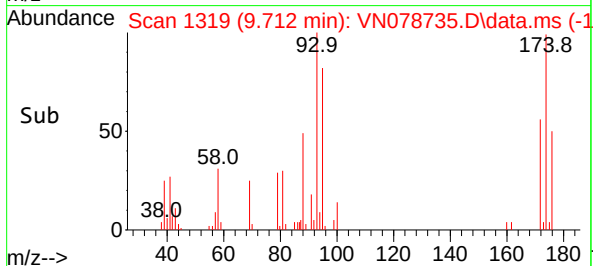
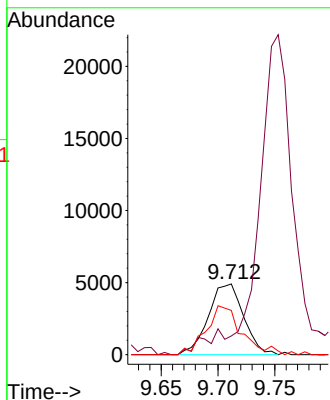
Tgt Ion: 88 Resp: 10580
Ion Ratio Lower Upper
88 100
43 8.2 19.0 28.6
58 66.5 48.2 72.2

Manual Integrations
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Reviewed By :John
Carlone

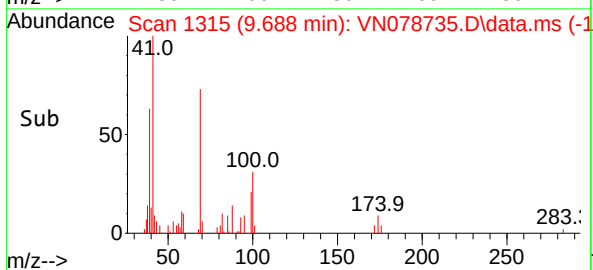
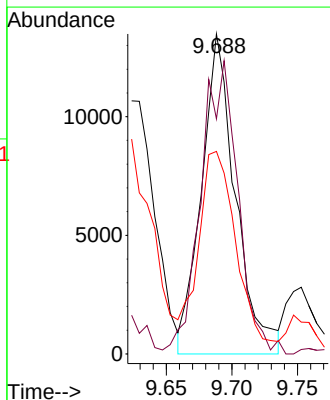
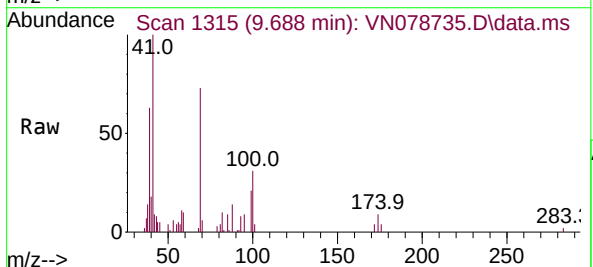
08/03/2023
Supervised By :Semsettin
Yesilyurt

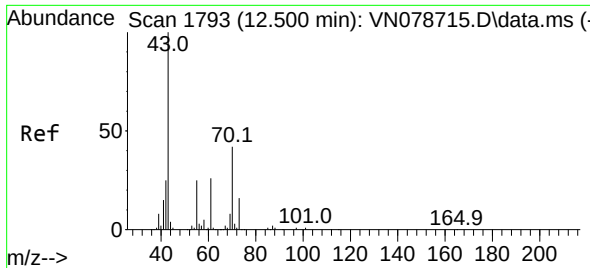
08/03/2023



#46
Methyl methacrylate
Concen: 4.914 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

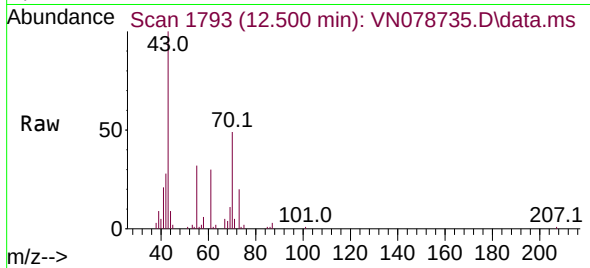
Tgt Ion: 41 Resp: 24291
Ion Ratio Lower Upper
41 100
69 74.1 49.0 147.0
39 63.6 31.6 94.8





#47
n-amy1 Acetate
Concen: 4.151 ug/l
RT: 12.500 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023



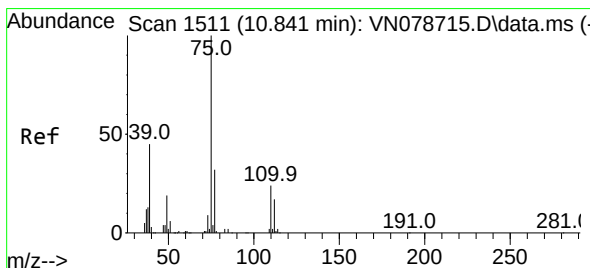
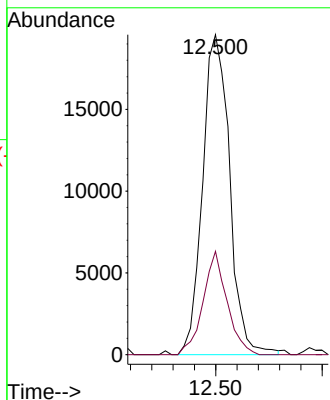
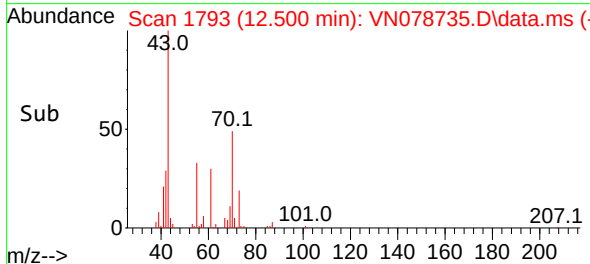
Tgt Ion: 43 Resp: 34500
Ion Ratio Lower Upper
43 100
55 28.7 21.5 32.3

Manual Integrations
APPROVED

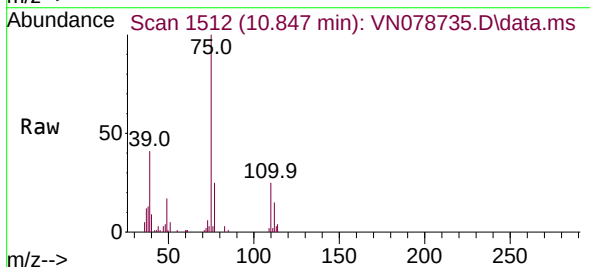
Reviewed By :John
Carlone

08/03/2023
Supervised By :Semsettin
Yesilyurt

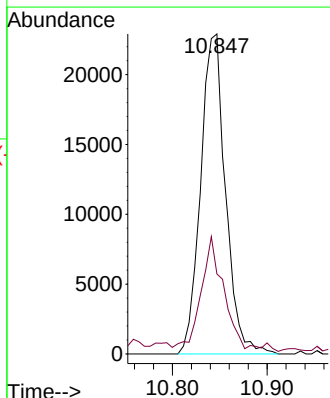
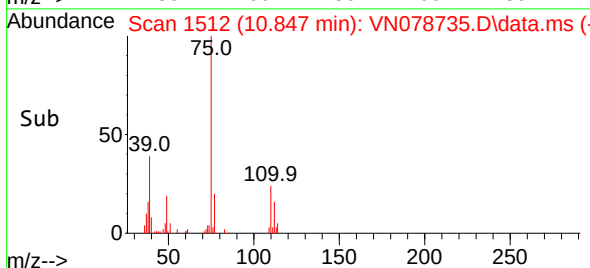
08/03/2023

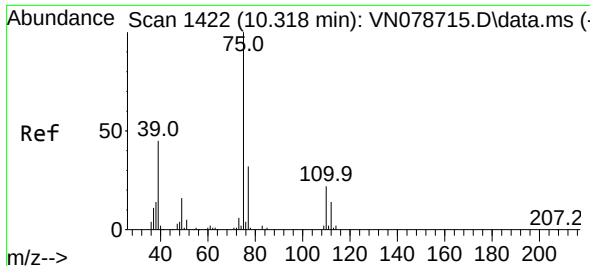


#48
t-1,3-Dichloropropene
Concen: 4.676 ug/l
RT: 10.847 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14



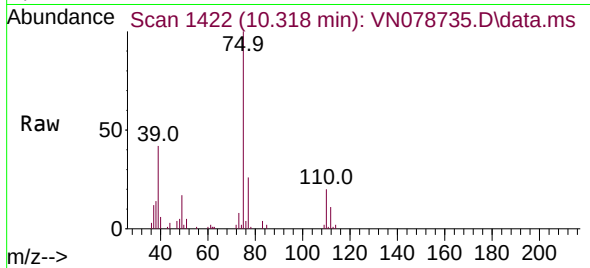
Tgt Ion: 75 Resp: 41865
Ion Ratio Lower Upper
75 100
77 24.2 26.1 39.1#





#49
cis-1,3-Dichloropropene
Concen: 4.968 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023



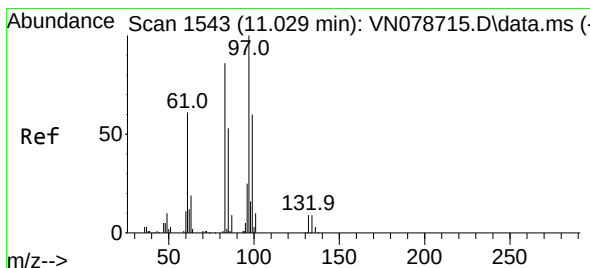
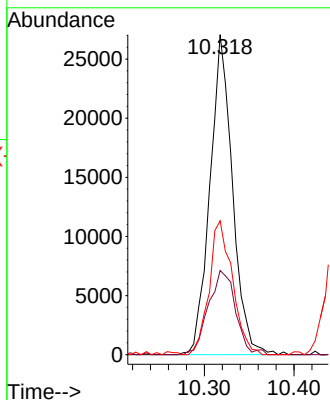
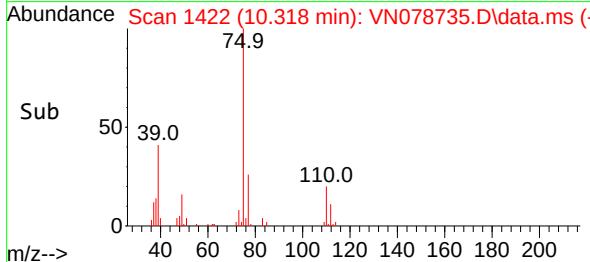
Tgt Ion: 75 Resp: 47238
Ion Ratio Lower Upper
75 100
77 26.3 24.0 36.0
39 41.9 35.1 52.7

Manual Integrations
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Reviewed By :John
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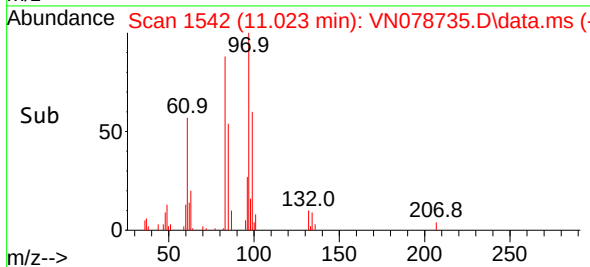
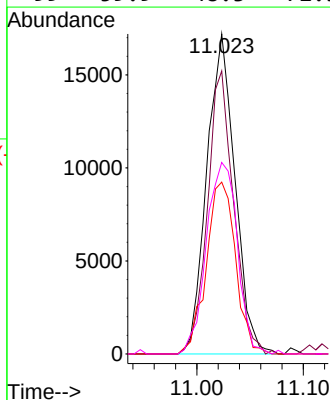
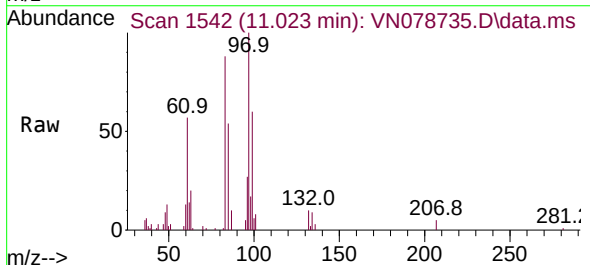
08/03/2023
Supervised By :Semsettin
Yesilyurt

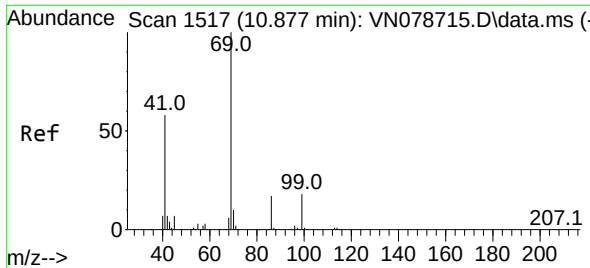
08/03/2023



#50
1,1,2-Trichloroethane
Concen: 5.311 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

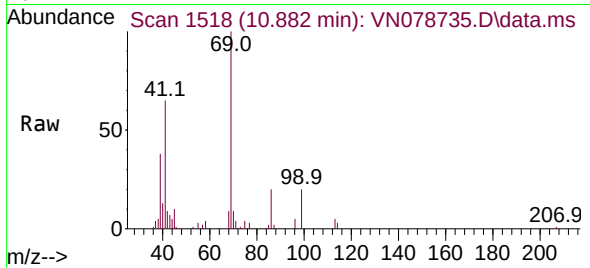
Tgt Ion: 97 Resp: 31544
Ion Ratio Lower Upper
97 100
83 88.4 66.8 100.2
85 53.7 42.5 63.7
99 59.9 48.3 72.5





#51
Ethyl methacrylate
Concen: 4.362 ug/l
RT: 10.882 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023



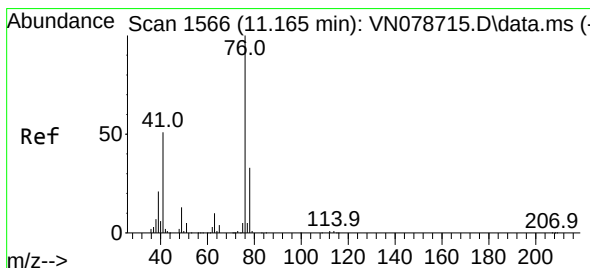
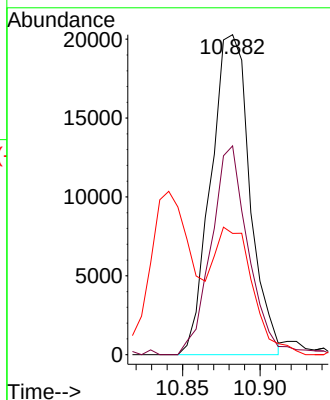
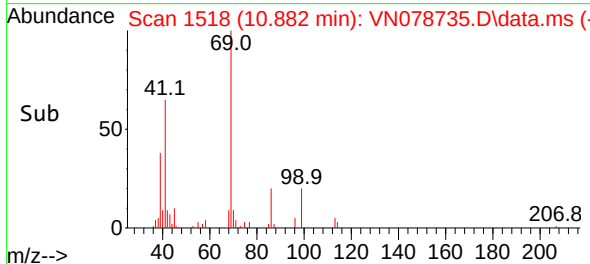
Tgt Ion: 69 Resp: 3547
Ion Ratio Lower Upper
69 100
41 65.3 26.0 78.0
39 34.4 16.3 48.9

Manual Integrations
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Reviewed By :John
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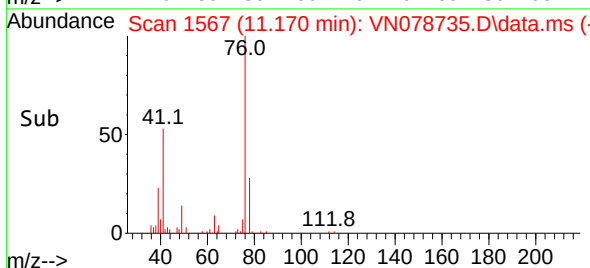
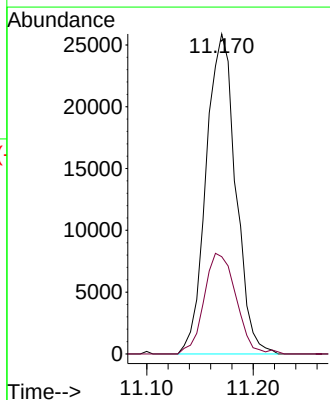
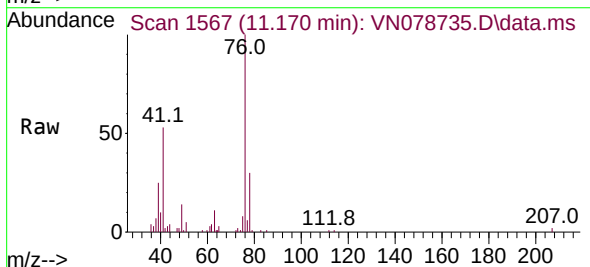
08/03/2023
Supervised By :Semsettin
Yesilyurt

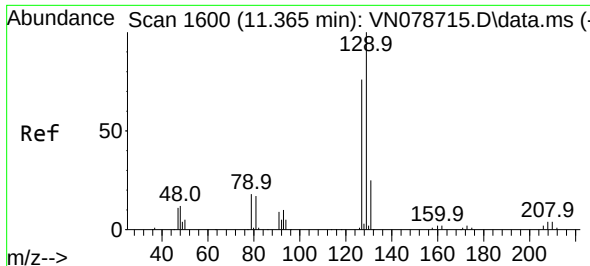
08/03/2023



#52
1,3-Dichloropropane
Concen: 4.682 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

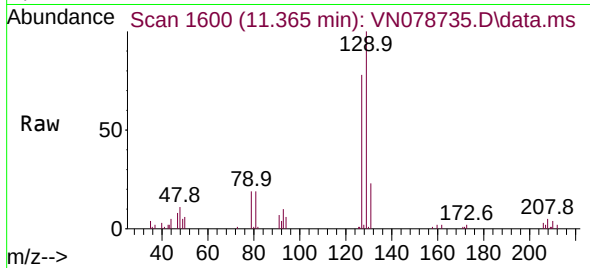
Tgt Ion: 76 Resp: 49982
Ion Ratio Lower Upper
76 100
78 33.6 0.0 66.2





#53
Dibromochloromethane
Concen: 4.942 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023



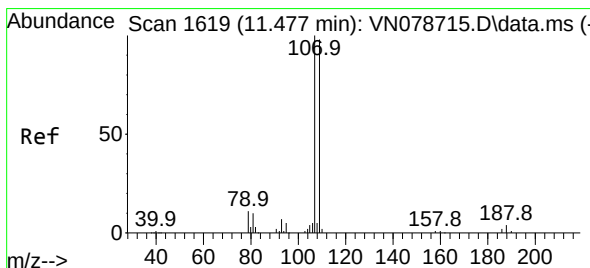
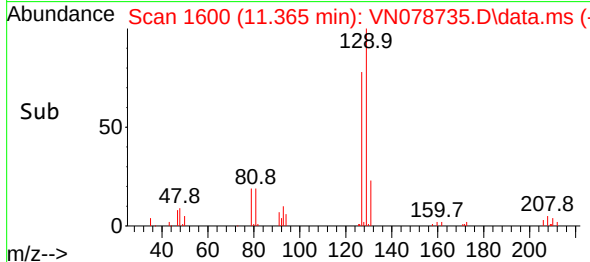
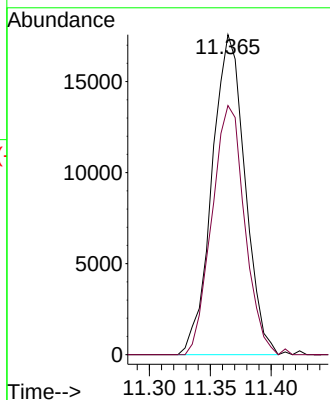
Tgt Ion:129 Resp: 3316
Ion Ratio Lower Upper
129 100
127 77.1 39.4 118.1

Manual Integrations
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Reviewed By :John
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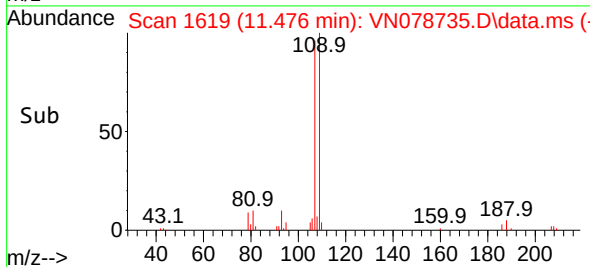
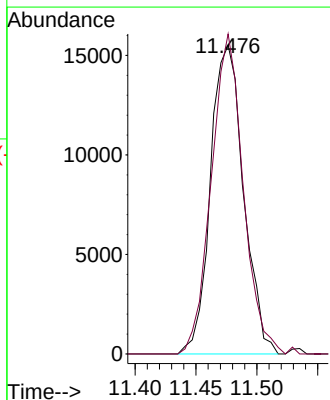
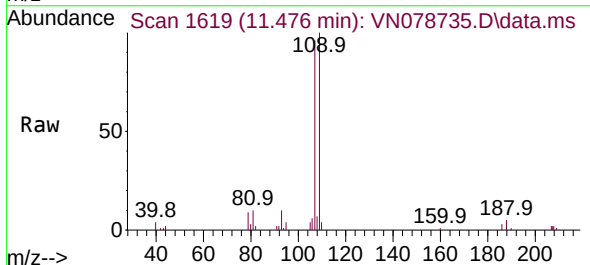
08/03/2023
Supervised By :Semsettin
Yesilyurt

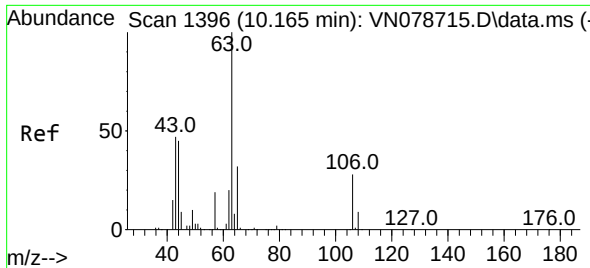
08/03/2023



#54
1,2-Dibromoethane
Concen: 4.916 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

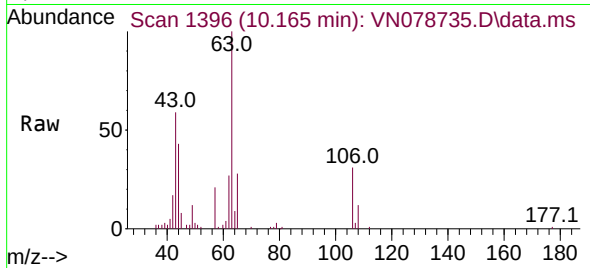
Tgt Ion:107 Resp: 29318
Ion Ratio Lower Upper
107 100
109 100.1 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 21.435 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023



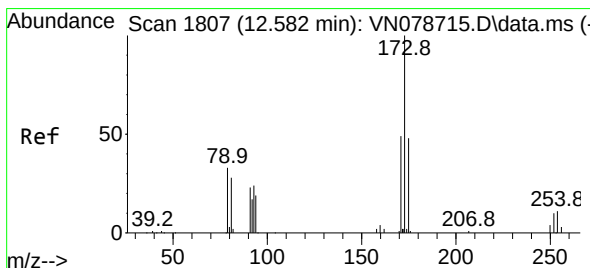
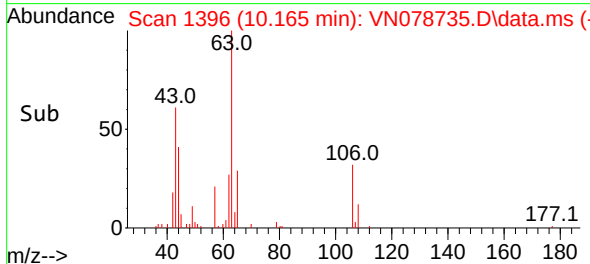
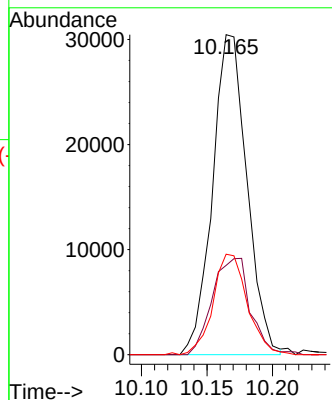
Tgt Ion: 63 Resp: 5554
Ion Ratio Lower Upper
63 100
65 33.0 26.3 39.5
106 31.3 23.8 35.6

Manual Integrations
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Reviewed By :John
Carlone

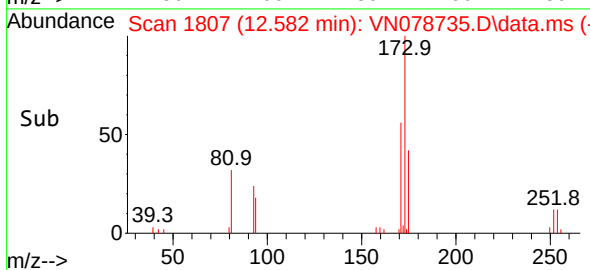
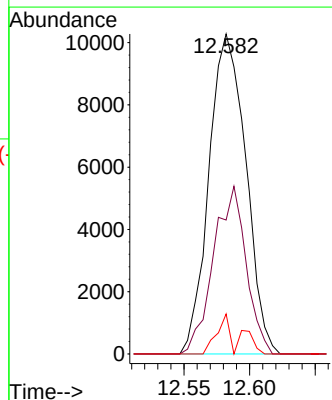
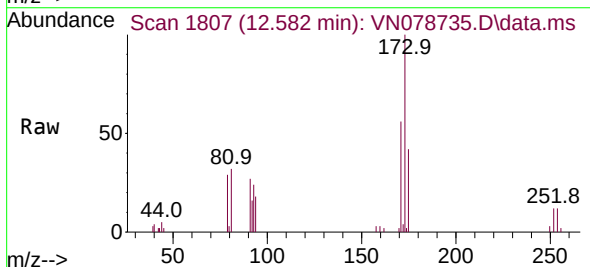
08/03/2023
Supervised By :Semsettin
Yesilyurt

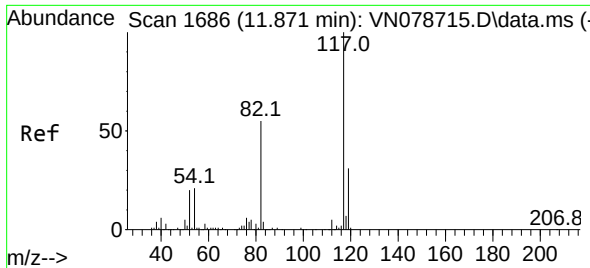
08/03/2023



#56
Bromoform
Concen: 4.582 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

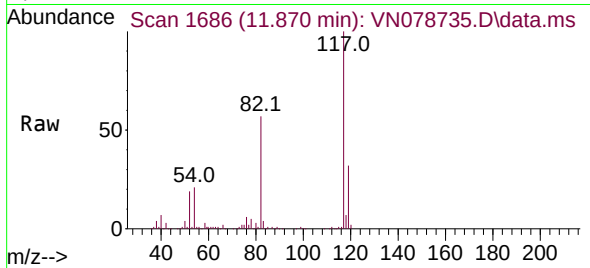
Tgt Ion:173 Resp: 20118
Ion Ratio Lower Upper
173 100
175 0.0 40.7 61.1#
254 4.2 6.5 9.7#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023



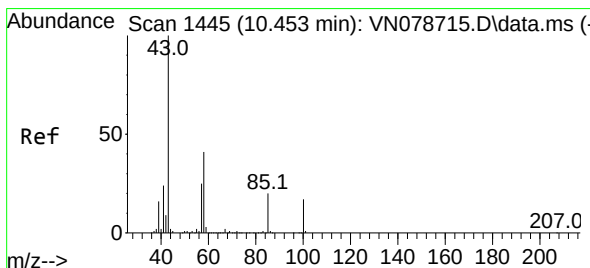
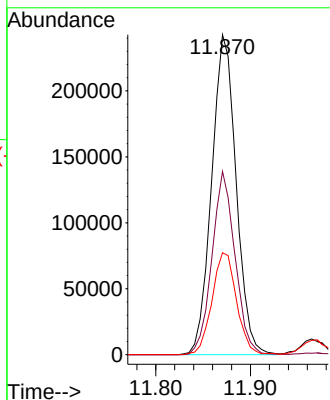
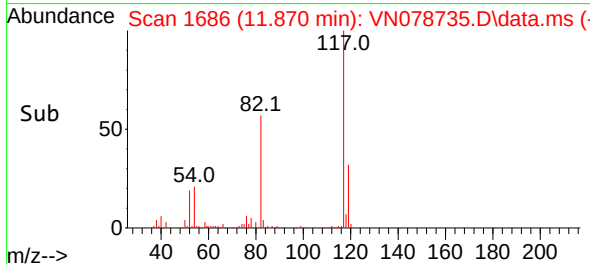
Tgt Ion: 117 Resp: 435672
Ion Ratio Lower Upper
117 100
82 53.8 43.9 65.9
119 31.8 26.2 39.4

Manual Integrations
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Reviewed By :John
Carlone

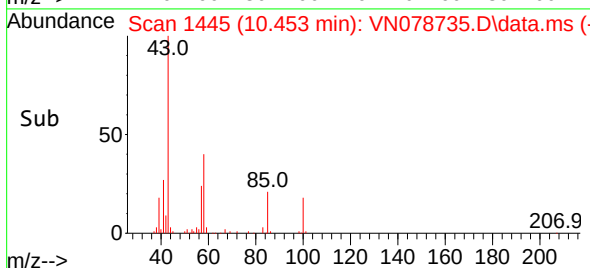
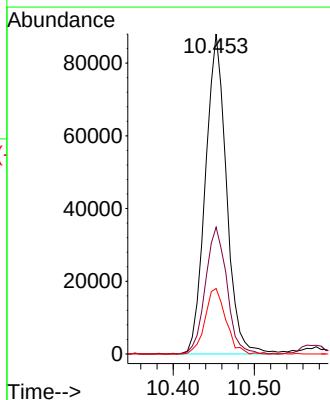
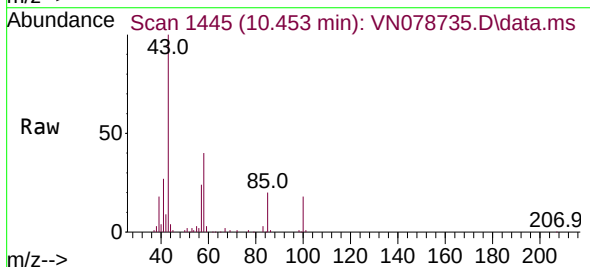
08/03/2023
Supervised By :Semsettin
Yesilyurt

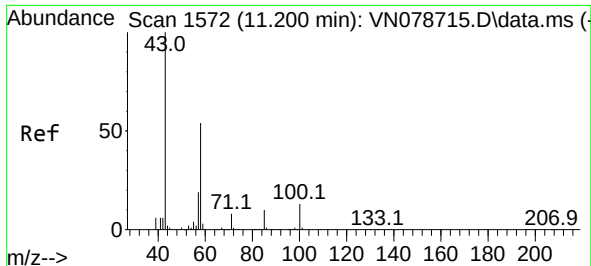
08/03/2023



#58
4-Methyl-2-Pentanone
Concen: 24.284 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

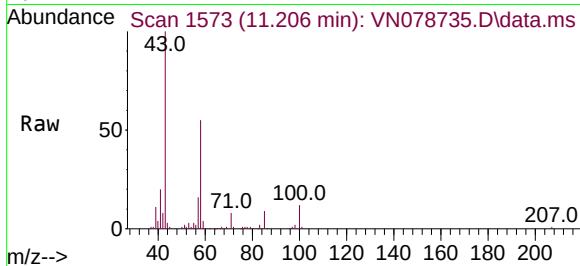
Tgt Ion: 43 Resp: 158361
Ion Ratio Lower Upper
43 100
58 40.5 32.6 48.8
85 20.2 16.2 24.2





#59
2-Hexanone
Concen: 22.052 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023



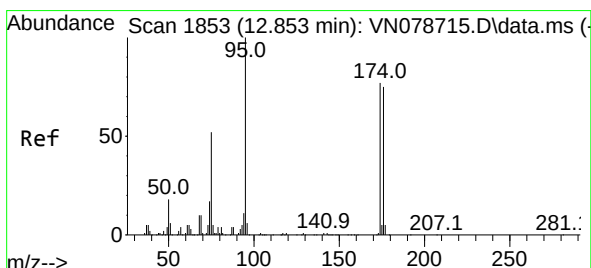
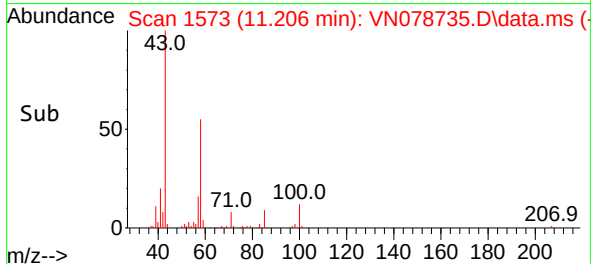
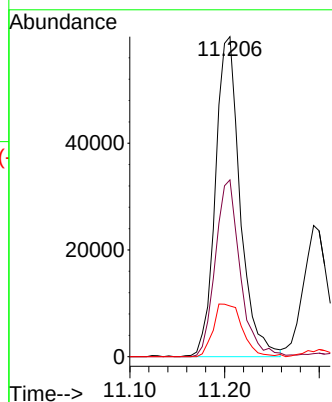
Tgt Ion: 43 Resp: 108884
Ion Ratio Lower Upper
43 100
58 55.3 45.9 68.9
57 19.1 15.8 23.6

Manual Integrations
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Reviewed By :John
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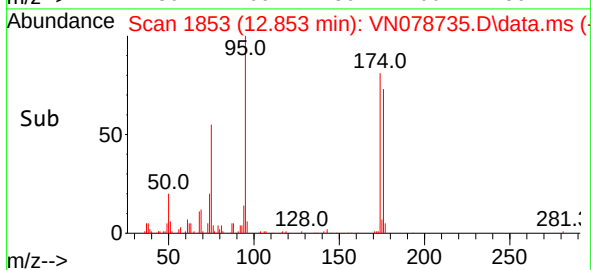
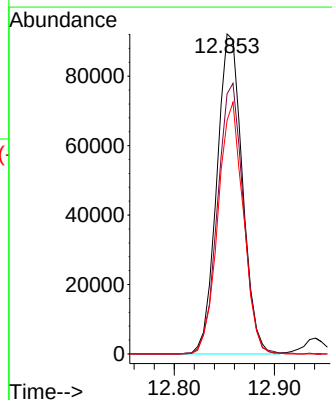
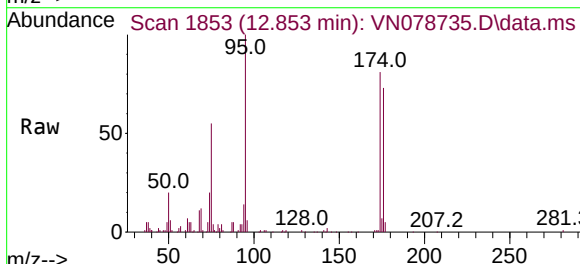
08/03/2023
Supervised By :Semsettin
Yesilyurt

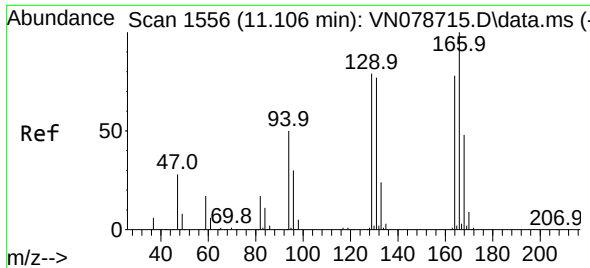
08/03/2023



#60
4-Bromofluorobenzene
Concen: 25.006 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

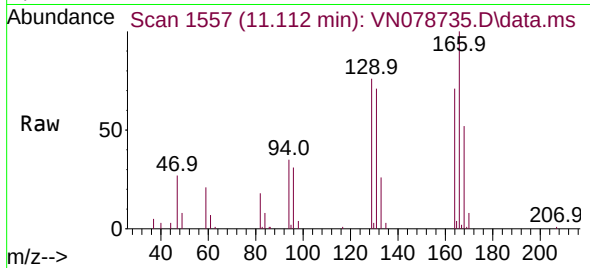
Tgt Ion: 95 Resp: 163267
Ion Ratio Lower Upper
95 100
174 84.8 61.7 92.5
176 77.9 58.1 87.1





#61
Tetrachloroethene
Concen: 5.078 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023



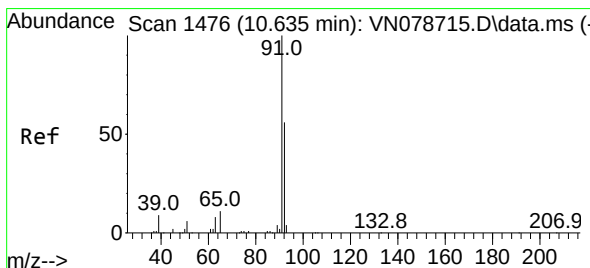
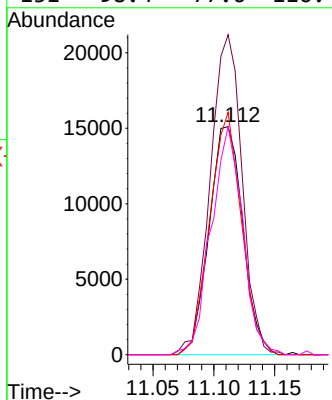
Tgt Ion:164 Resp: 2909
Ion Ratio Lower Upper
164 100
166 139.2 99.1 148.7
129 106.4 85.6 128.4
131 98.4 77.6 116.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

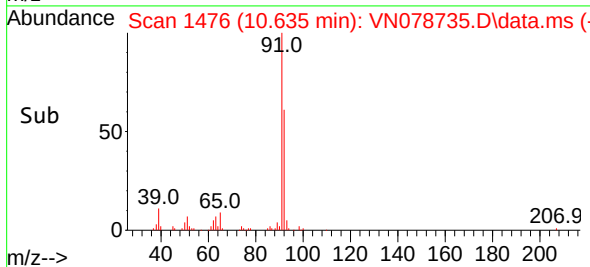
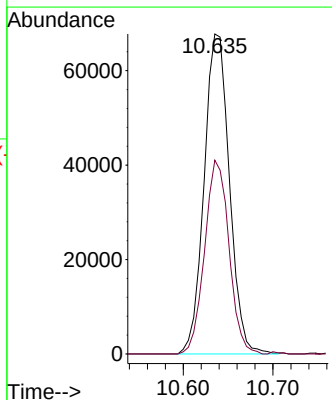
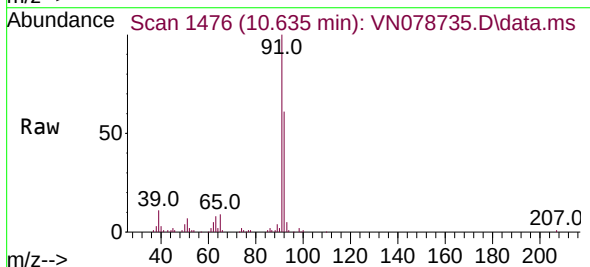
08/03/2023
Supervised By :Semsettin
Yesilyurt

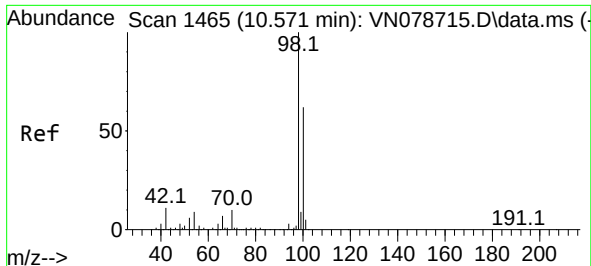
08/03/2023



#62
Toluene
Concen: 5.067 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

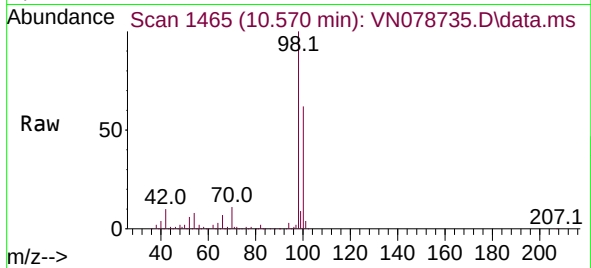
Tgt Ion: 91 Resp: 132777
Ion Ratio Lower Upper
91 100
92 58.3 45.2 67.8





#63
Toluene-d8
Concen: 29.939 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023



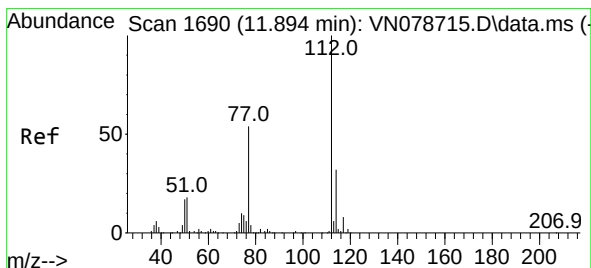
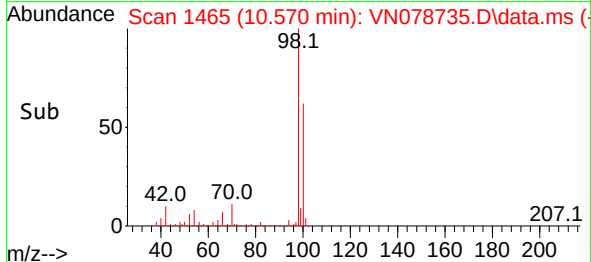
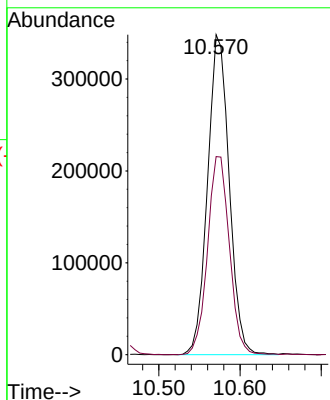
Tgt Ion: 98 Resp: 644339
Ion Ratio Lower Upper
98 100
100 62.5 49.7 74.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

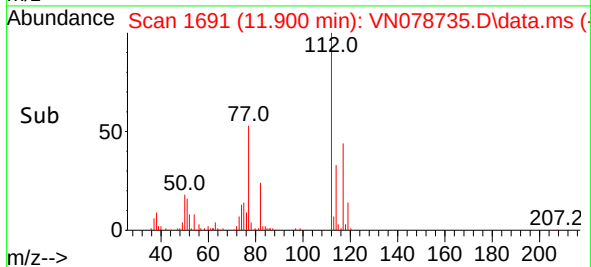
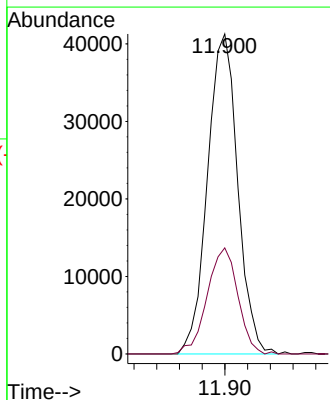
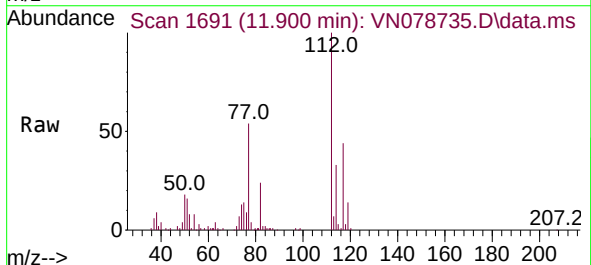
08/03/2023
Supervised By :Semsettin
Yesilyurt

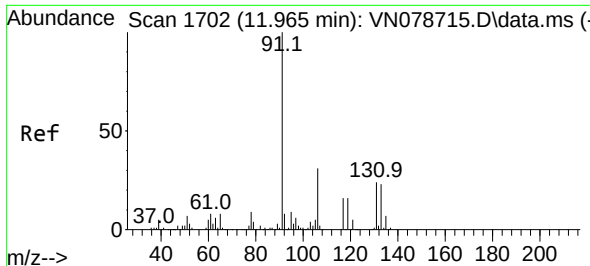
08/03/2023



#64
Chlorobenzene
Concen: 4.977 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

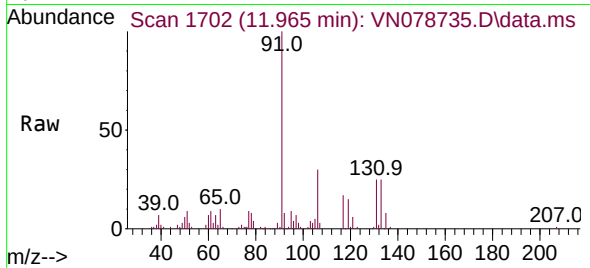
Tgt Ion:112 Resp: 76153
Ion Ratio Lower Upper
112 100
114 33.1 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 5.317 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023



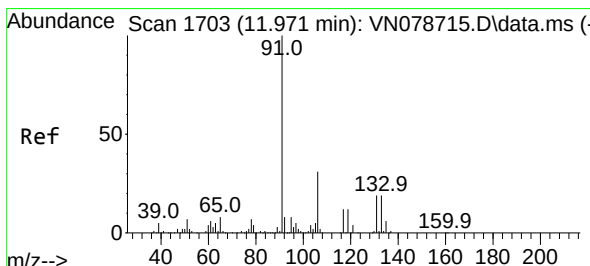
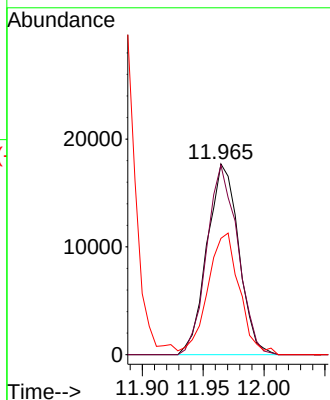
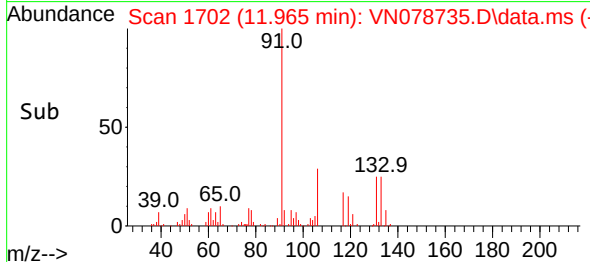
Tgt Ion:131 Resp: 32084
Ion Ratio Lower Upper
131 100
133 97.4 0.0 191.8
119 63.8 0.0 132.0

Manual Integrations
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Reviewed By :John
Carlone

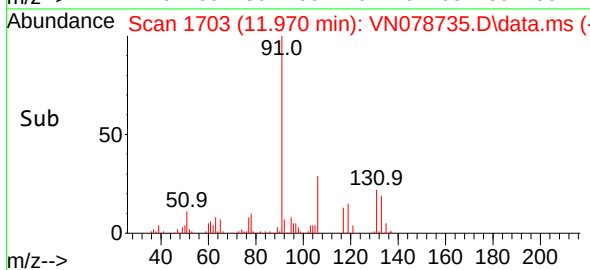
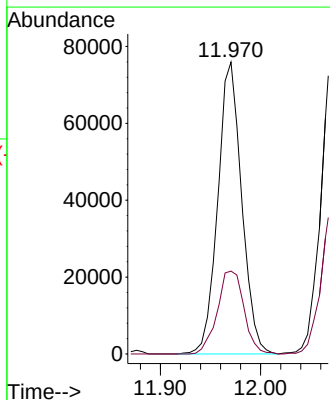
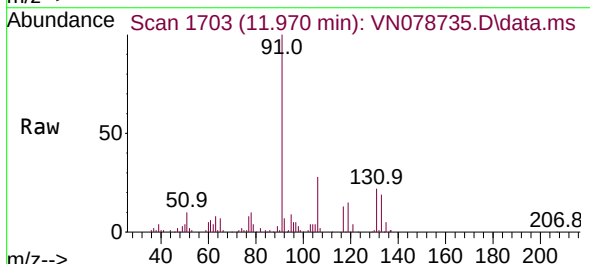
08/03/2023
Supervised By :Semsettin
Yesilyurt

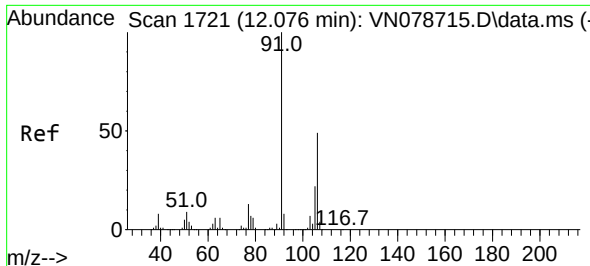
08/03/2023



#66
Ethyl Benzene
Concen: 4.760 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 91 Resp: 125730
Ion Ratio Lower Upper
91 100
106 28.4 25.6 38.4





#67

m/p-Xylenes

Concen: 9.048 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. -0.000 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion:106 Resp: 91280

Ion Ratio Lower Upper

106 100

91 199.2 162.5 243.7

Manual Integrations

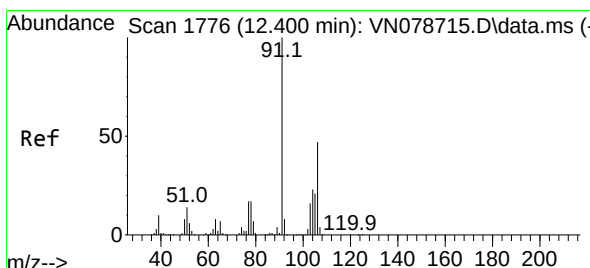
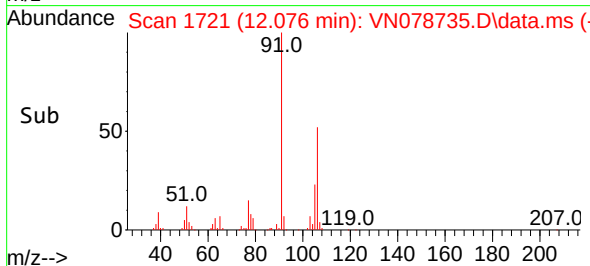
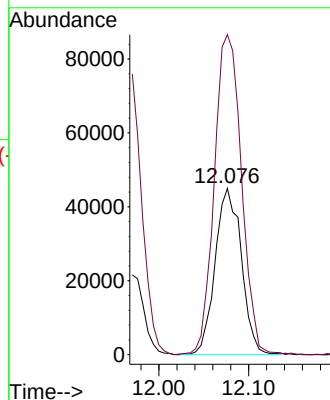
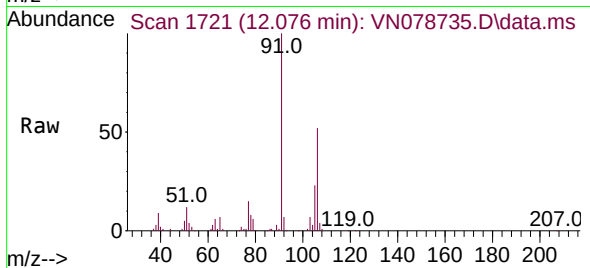
APPROVED

Reviewed By :John
Carlone

08/03/2023

Supervised By :Semsettin
Yesilyurt

08/03/2023



#68

o-Xylene

Concen: 4.079 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VN078735.D

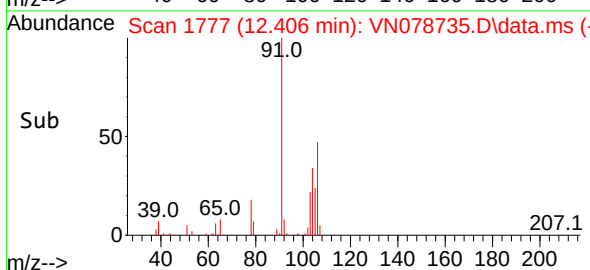
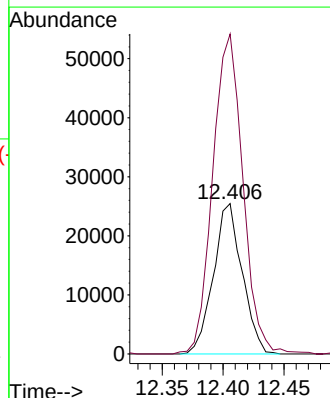
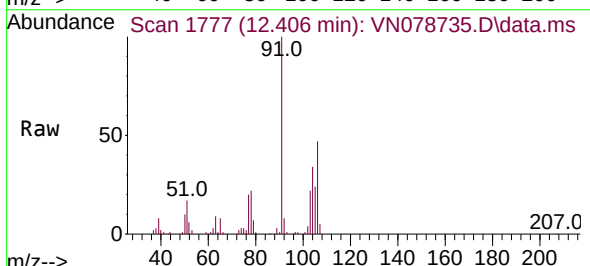
Acq: 02 Aug 2023 17:14

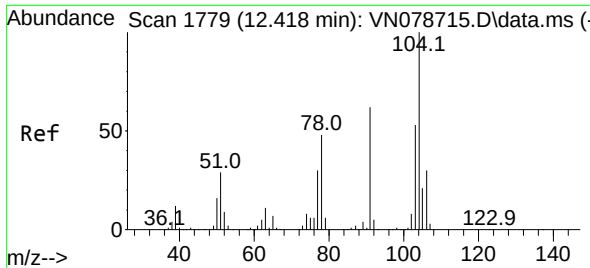
Tgt Ion:106 Resp: 41876

Ion Ratio Lower Upper

106 100

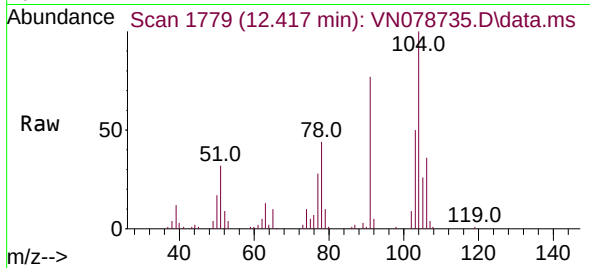
91 223.1 106.1 318.3





#69
Styrene
Concen: 3.747 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023



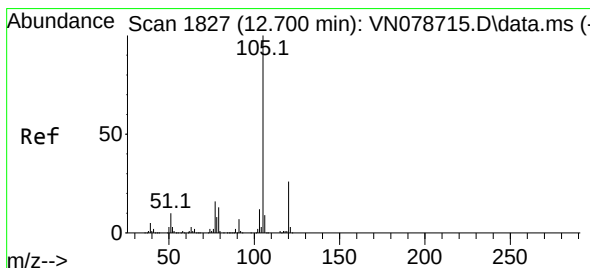
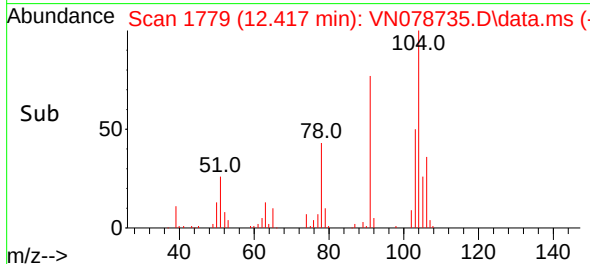
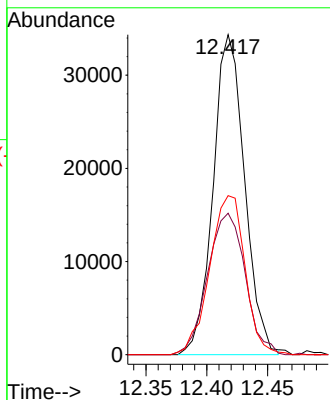
Tgt Ion:104 Resp: 6189
Ion Ratio Lower Upper
104 100
78 52.7 40.1 60.1
103 55.7 45.1 67.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

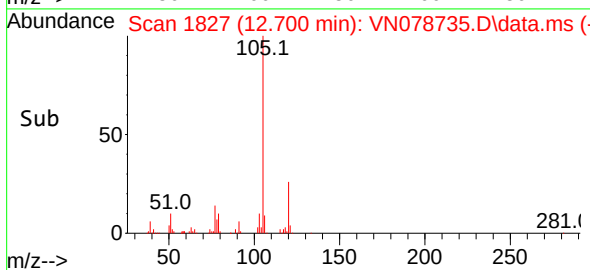
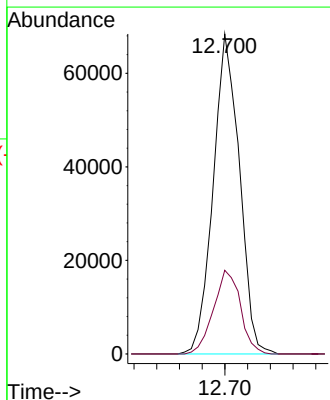
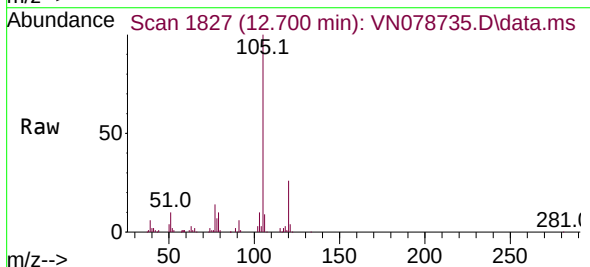
08/03/2023
Supervised By :Semsettin
Yesilyurt

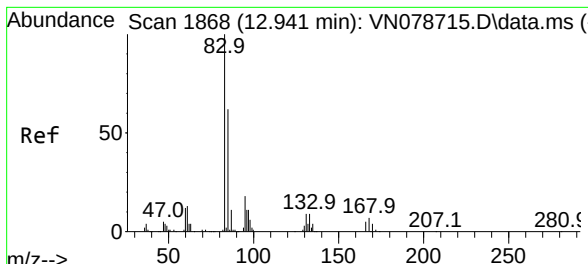
08/03/2023



#70
Isopropylbenzene
Concen: 4.313 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion:105 Resp: 109536
Ion Ratio Lower Upper
105 100
120 26.9 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 5.095 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

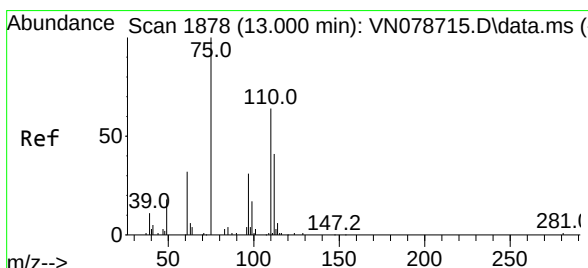
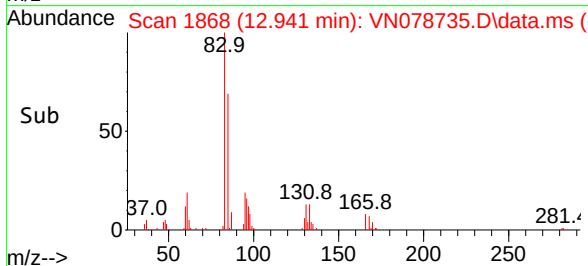
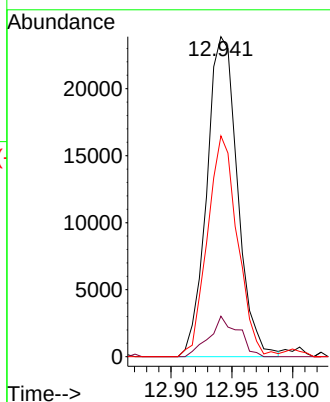
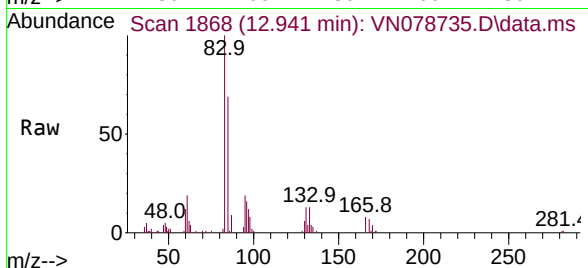
Tgt Ion: 83 Resp: 4203
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.4
85 67.0 32.6 98.0

Manual Integrations
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Reviewed By :John
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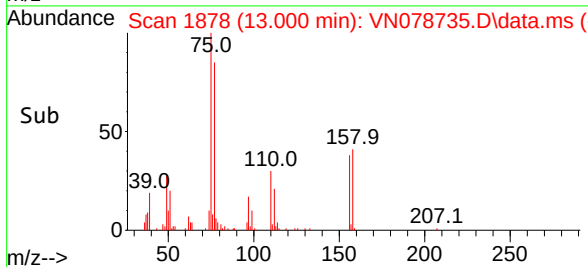
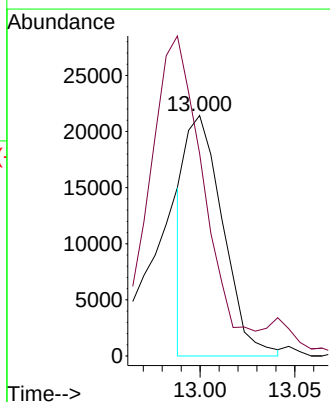
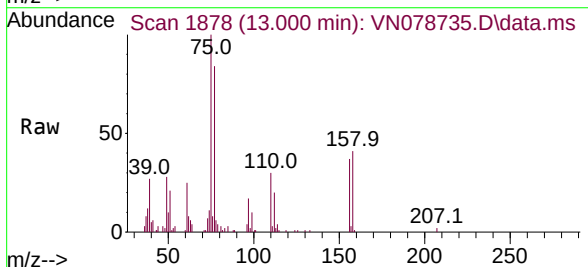
08/03/2023
Supervised By :Semsettin
Yesilyurt

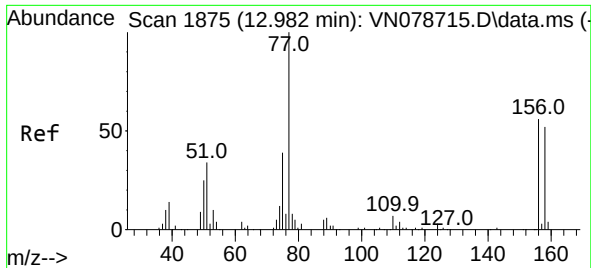
08/03/2023



#72
1,2,3-Trichloropropane
Concen: 4.259 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

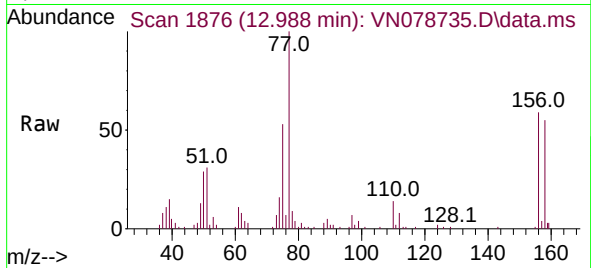
Tgt Ion: 75 Resp: 29471
Ion Ratio Lower Upper
75 100
77 188.8 0.0 387.4





#73
Bromobenzene
Concen: 4.472 ug/l
RT: 12.988 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023



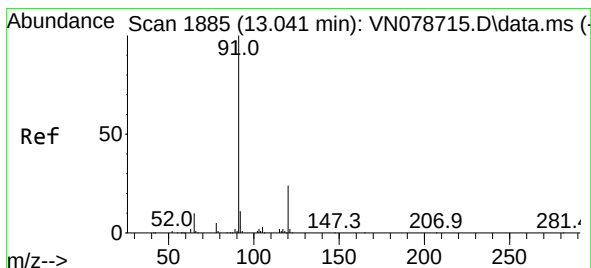
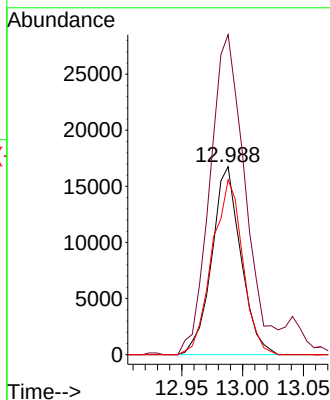
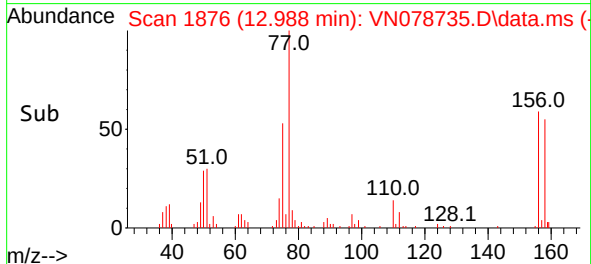
Tgt Ion:156 Resp: 27835
Ion Ratio Lower Upper
156 100
77 199.9 0.0 420.8
158 98.0 0.0 193.2

Manual Integrations
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Reviewed By :John
Carlone

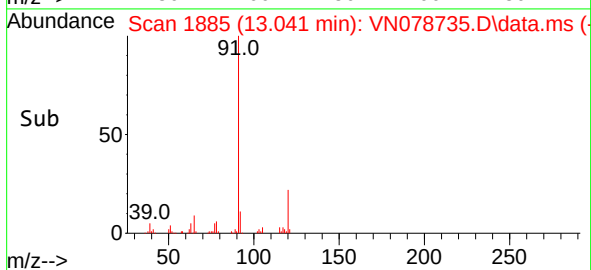
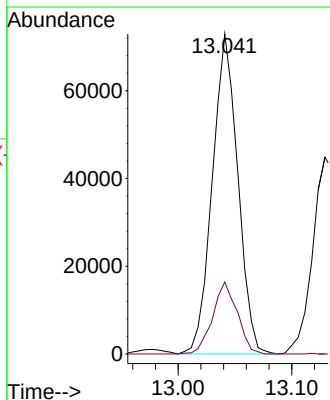
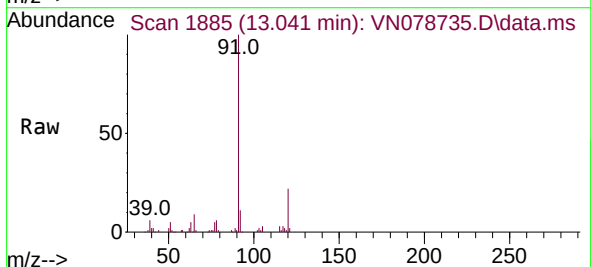
08/03/2023
Supervised By :Semsettin
Yesilyurt

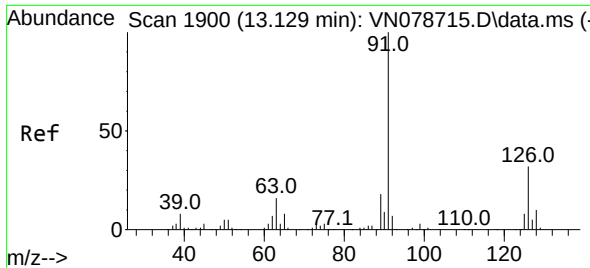
08/03/2023



#74
n-propylbenzene
Concen: 4.039 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion: 91 Resp: 113681
Ion Ratio Lower Upper
91 100
120 21.7 0.0 44.6





#75
2-Chlorotoluene
Concen: 3.970 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023

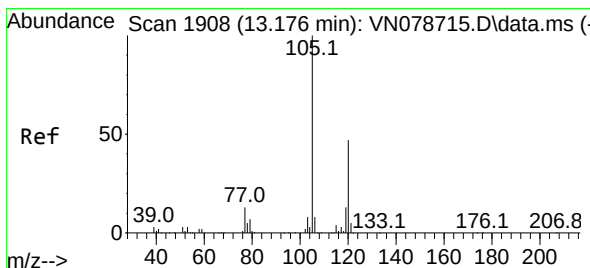
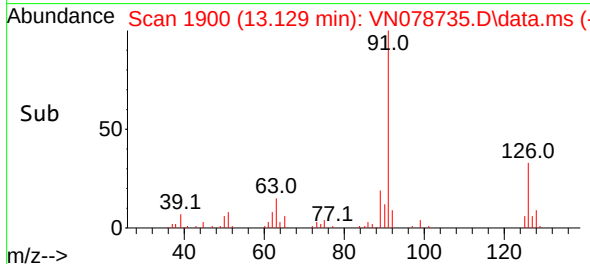
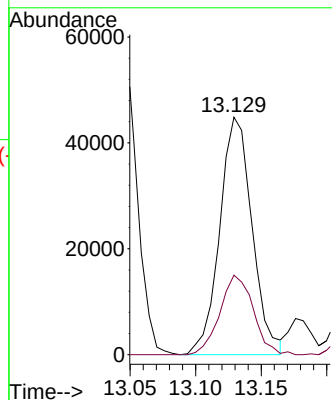
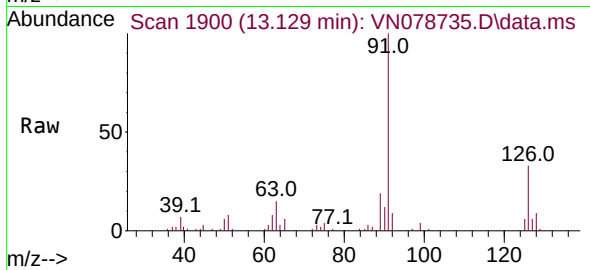
Tgt Ion: 91 Resp: 7716
Ion Ratio Lower Upper
91 100
126 34.4 0.0 67.2

Manual Integrations
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Reviewed By :John
Carlone

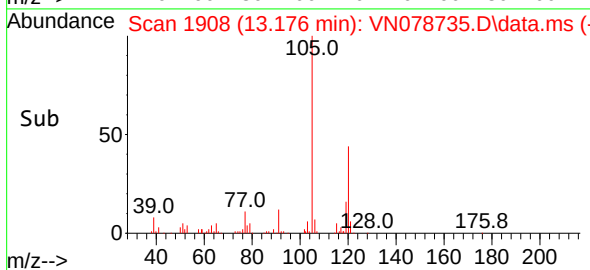
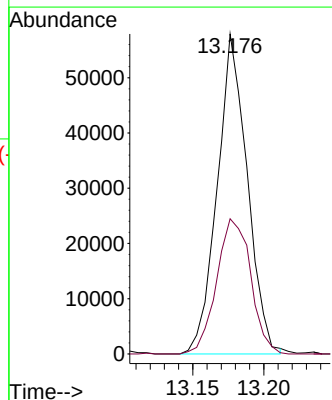
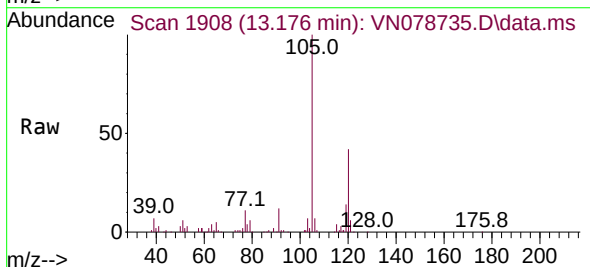
08/03/2023
Supervised By :Semsettin
Yesilyurt

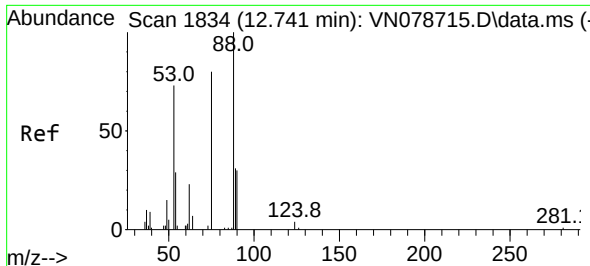
08/03/2023



#76
1,3,5-Trimethylbenzene
Concen: 3.749 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion:105 Resp: 85003
Ion Ratio Lower Upper
105 100
120 47.9 0.0 97.2





#77

t-1,4-Dichloro-2-butene

Concen: 4.191 ug/l

RT: 12.747 min Scan# 1834

Delta R.T. 0.006 min

Lab File: VN078735.D

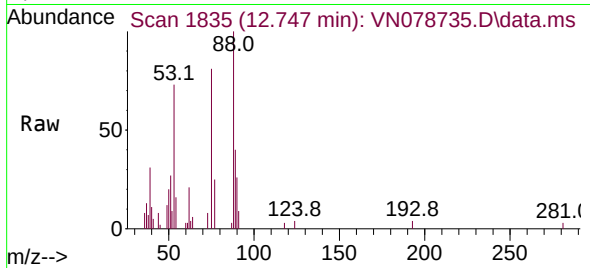
Acq: 02 Aug 2023 17:14

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2023



Tgt Ion:	75	Resp:	1013
Ion	Ratio	Lower	Upper
75	100		
53	89.8	41.6	124.9
89	49.9	25.1	75.4

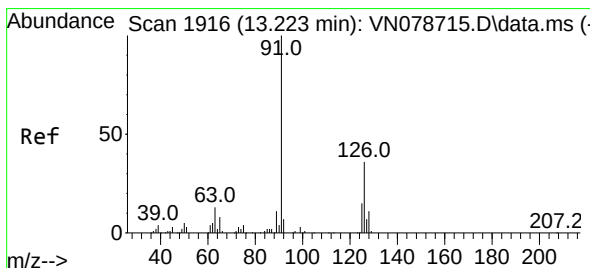
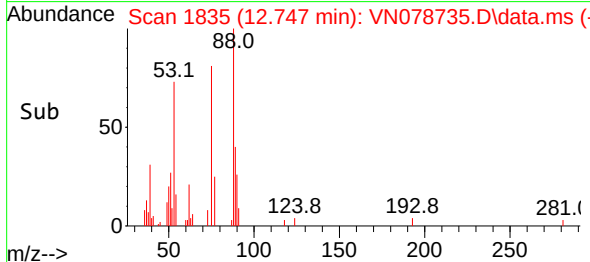
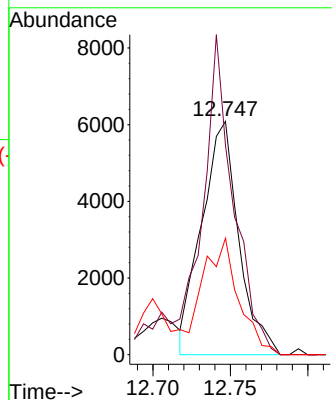
Manual Integrations
APPROVED

Reviewed By :John
Carlone

08/03/2023

Supervised By :Semsettin
Yesilyurt

08/03/2023



#78

4-Chlorotoluene

Concen: 3.752 ug/l

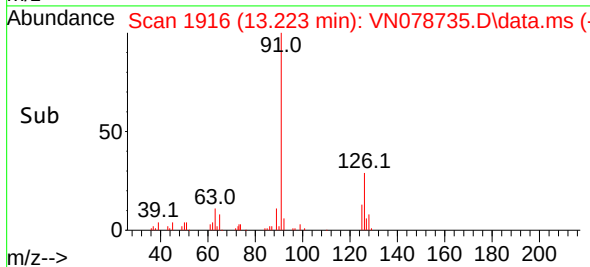
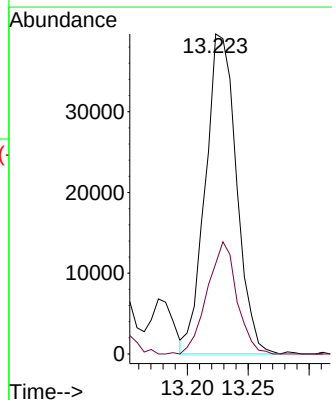
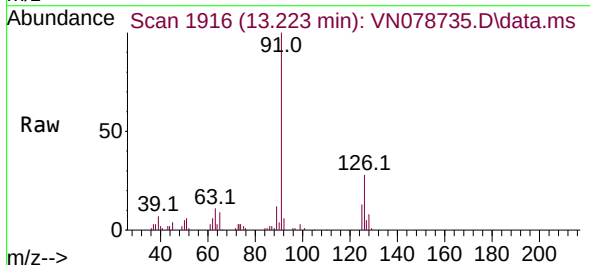
RT: 13.223 min Scan# 1916

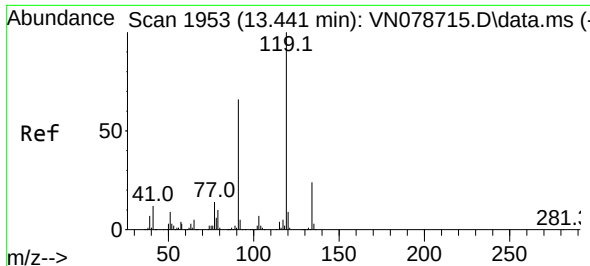
Delta R.T. -0.000 min

Lab File: VN078735.D

Acq: 02 Aug 2023 17:14

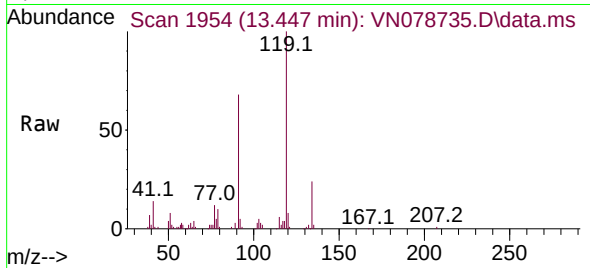
Tgt Ion:	91	Resp:	70415
Ion	Ratio	Lower	Upper
91	100		
126	33.3	0.0	68.8





#79
tert-butylbenzene
Concen: 4.484 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023



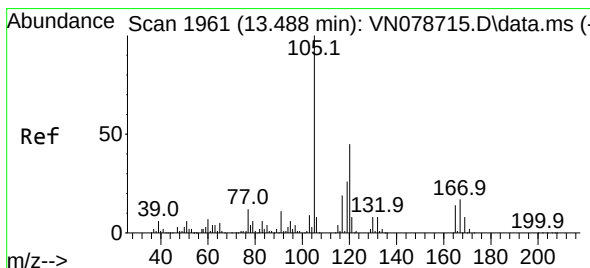
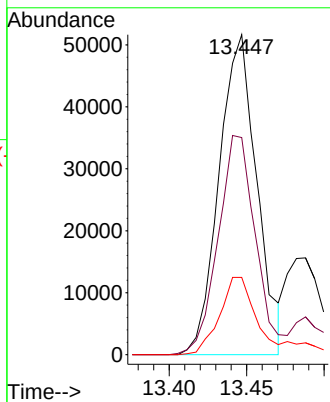
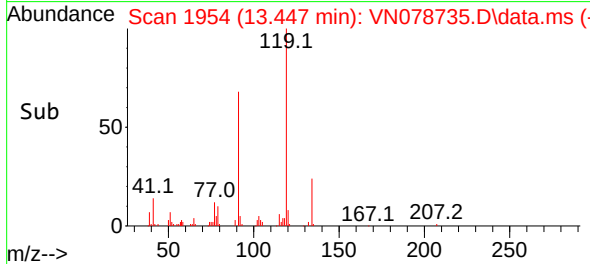
Tgt Ion:119 Resp: 8751
Ion Ratio Lower Upper
119 100
91 68.6 0.0 126.6
134 22.8 0.0 44.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

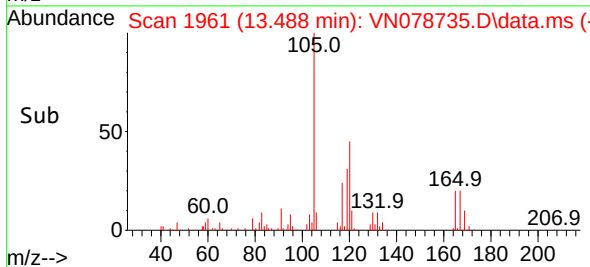
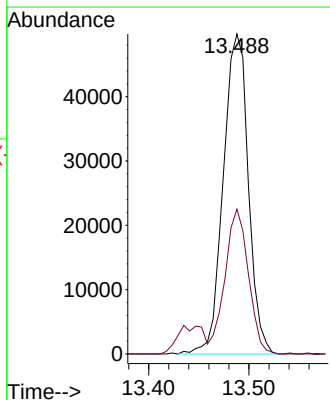
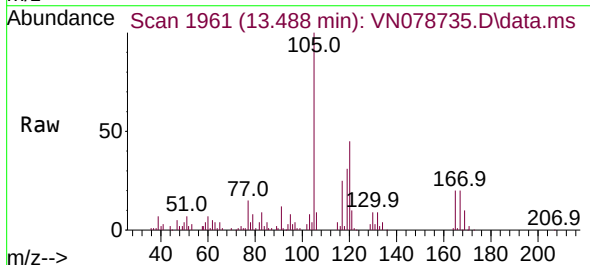
08/03/2023
Supervised By :Semsettin
Yesilyurt

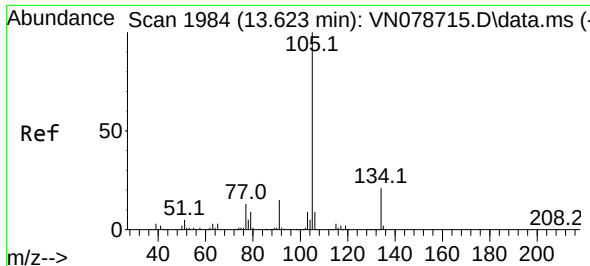
08/03/2023



#80
1,2,4-Trimethylbenzene
Concen: 3.983 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Tgt Ion:105 Resp: 86262
Ion Ratio Lower Upper
105 100
120 42.4 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 3.849 ug/l
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN078735.D
 Acq: 02 Aug 2023 17:14

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

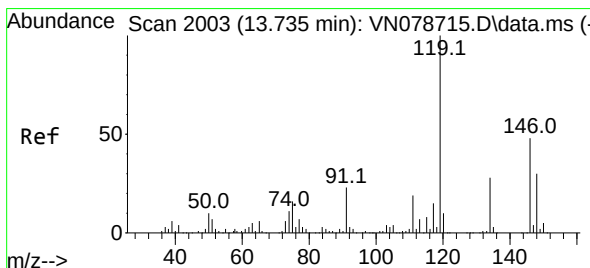
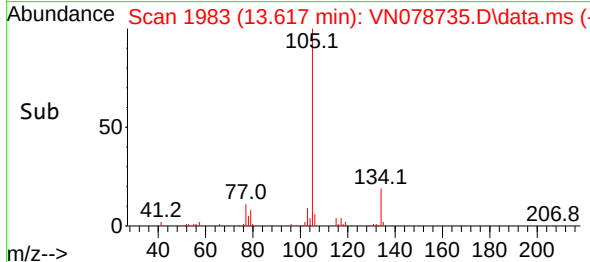
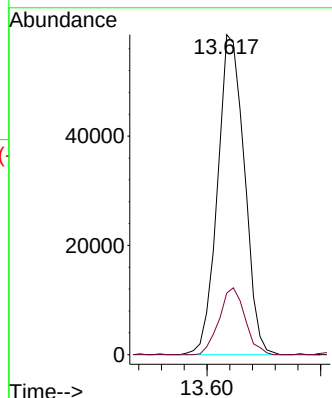
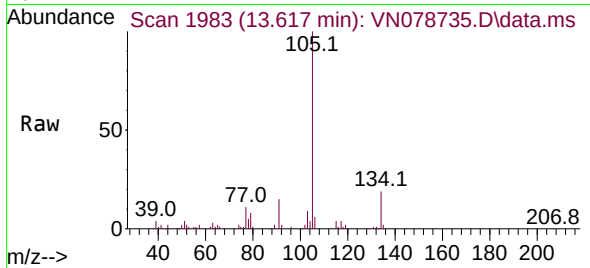
Tgt Ion:105 Resp: 96272
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 38.6

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

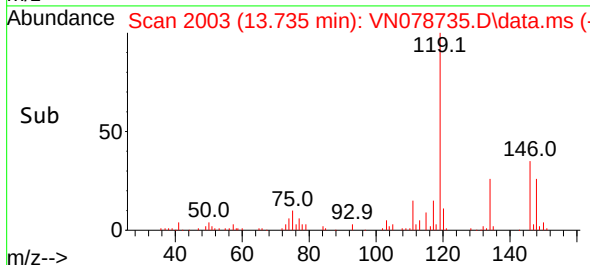
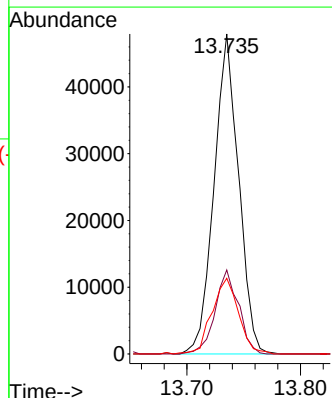
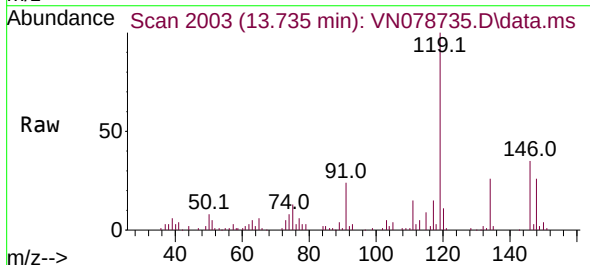
08/03/2023
 Supervised By :Semsettin
 Yesilyurt

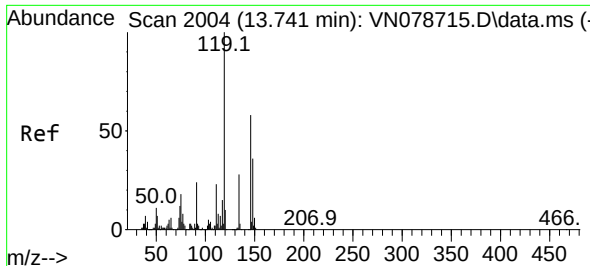
08/03/2023



#82
 p-Isopropyltoluene
 Concen: 3.502 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078735.D
 Acq: 02 Aug 2023 17:14

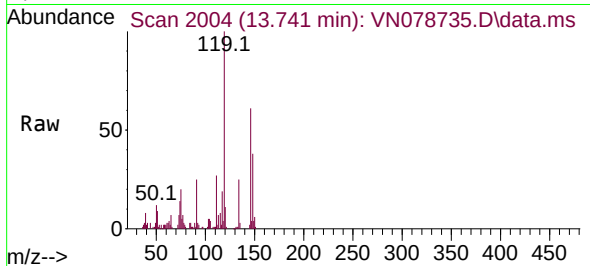
Tgt Ion:119 Resp: 71922
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 52.4
 91 25.7 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 3.161 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023



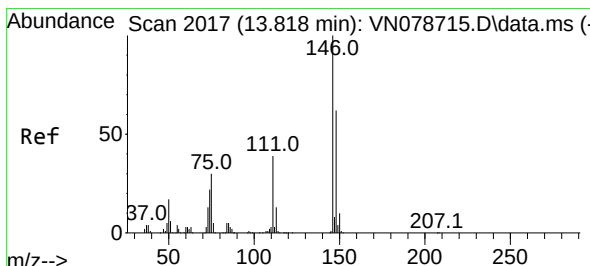
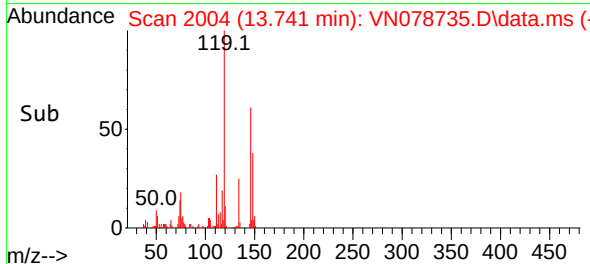
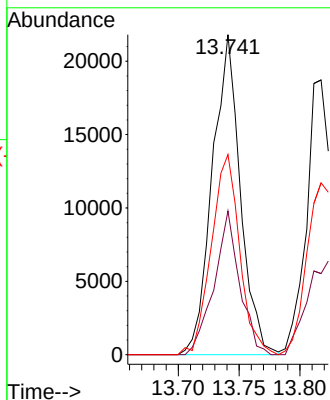
Tgt Ion:146 Resp: 3489
Ion Ratio Lower Upper
146 100
111 41.0 21.6 64.6
148 63.4 31.9 95.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

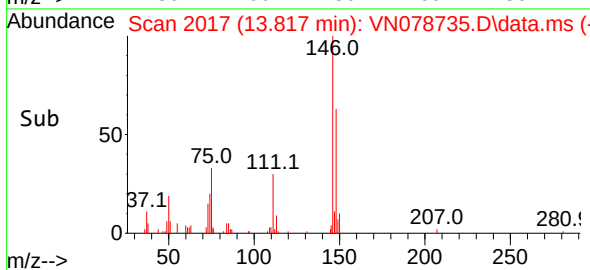
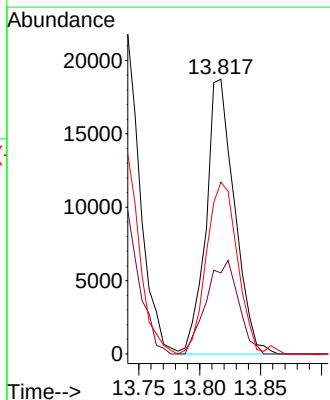
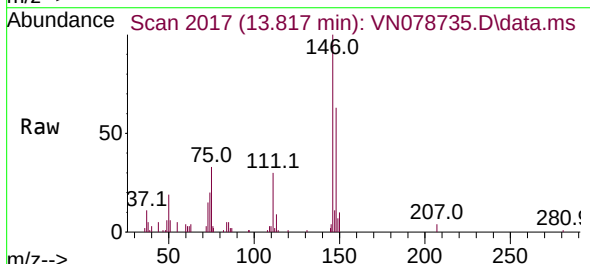
08/03/2023
Supervised By :Semsettin
Yesilyurt

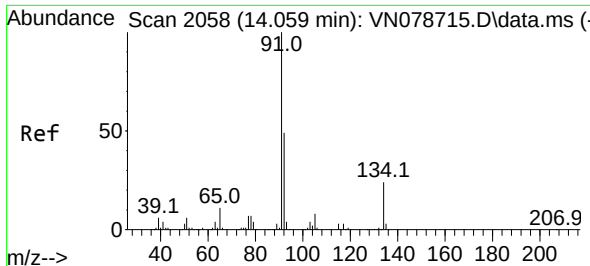
08/03/2023



#84
1,4-Dichlorobenzene
Concen: 2.945 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

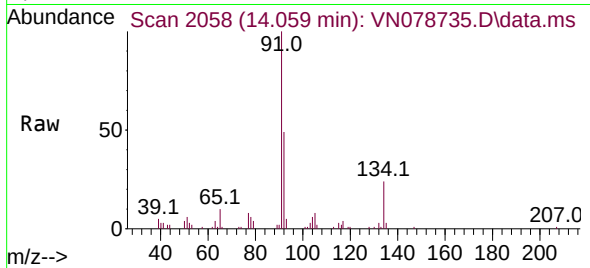
Tgt Ion:146 Resp: 30436
Ion Ratio Lower Upper
146 100
111 38.5 19.4 58.2
148 67.9 31.4 94.3





#85
n-Butylbenzene
Concen: 3.162 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023



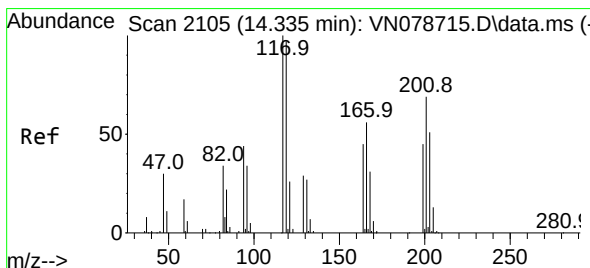
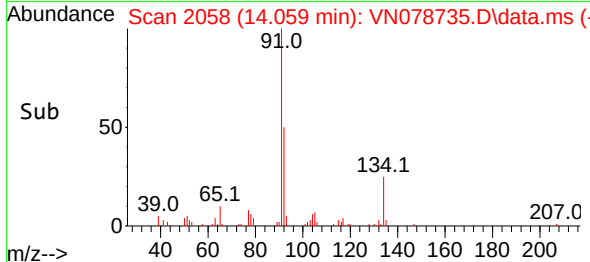
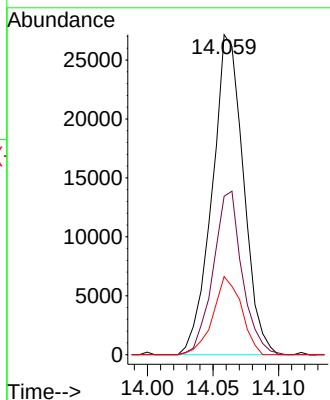
Tgt Ion: 91 Resp: 4503
Ion Ratio Lower Upper
91 100
92 47.3 0.0 99.6
134 22.2 0.0 50.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

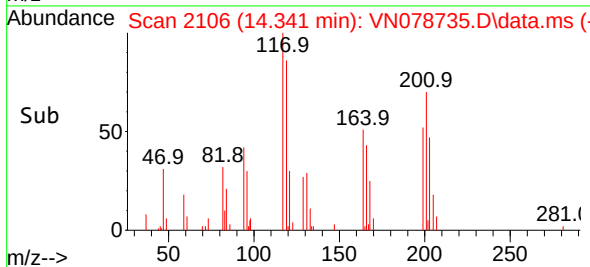
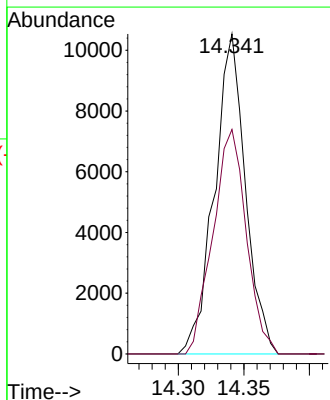
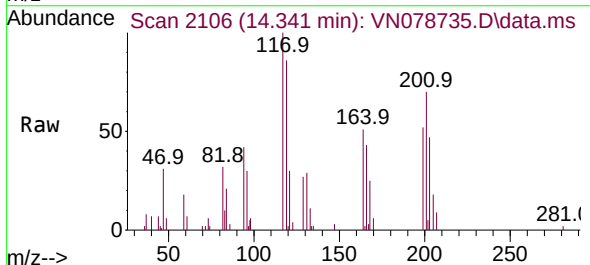
08/03/2023
Supervised By :Semsettin
Yesilyurt

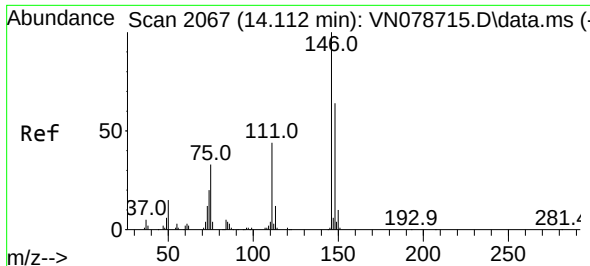
08/03/2023



#86
Hexachloroethane
Concen: 4.628 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

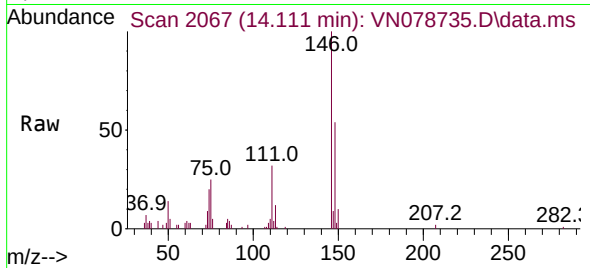
Tgt Ion:117 Resp: 17315
Ion Ratio Lower Upper
117 100
201 75.5 34.2 102.6





#87
1,2-Dichlorobenzene
Concen: 3.440 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023



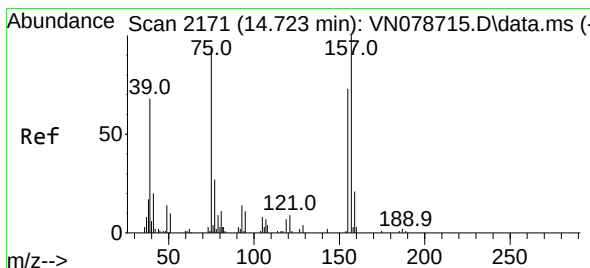
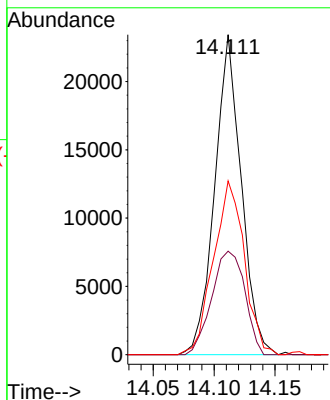
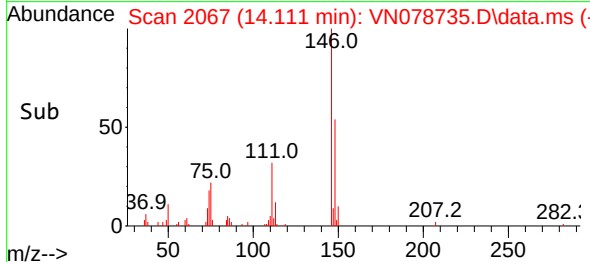
Tgt Ion:146 Resp: 3554
Ion Ratio Lower Upper
146 100
111 40.2 22.4 67.3
148 63.0 33.4 100.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

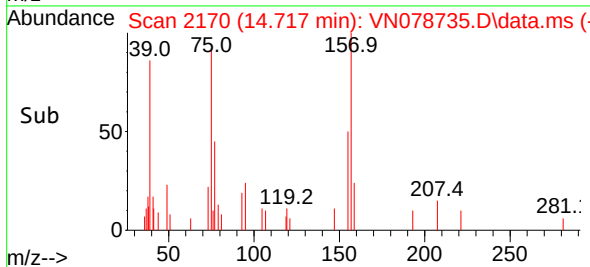
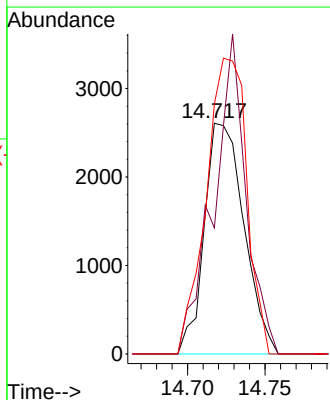
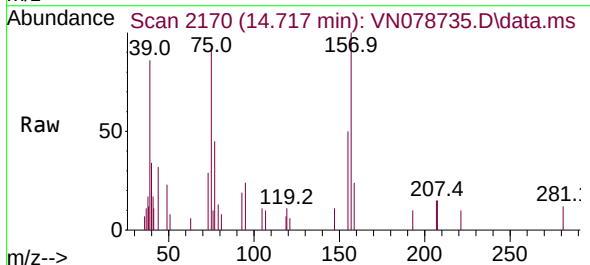
08/03/2023
Supervised By :Semsettin
Yesilyurt

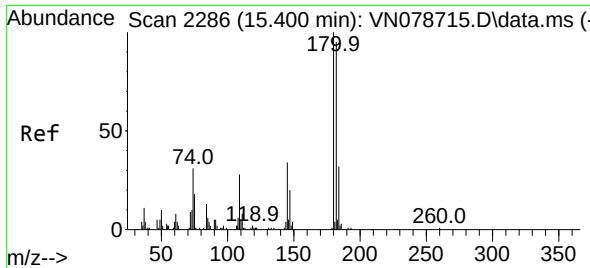
08/03/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 3.311 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

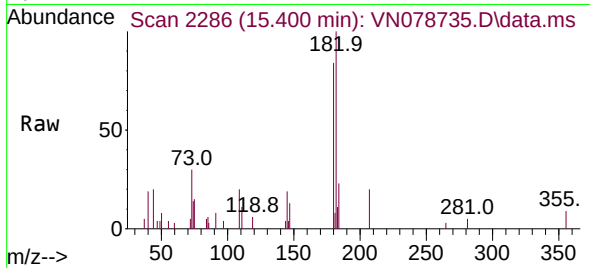
Tgt Ion: 75 Resp: 4639
Ion Ratio Lower Upper
75 100
155 114.0 68.2 102.2#
157 131.0 84.7 127.1#





#89
1,2,4-Trichlorobenzene
Concen: 2.216 ug/l
RT: 15.400 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT3-2023



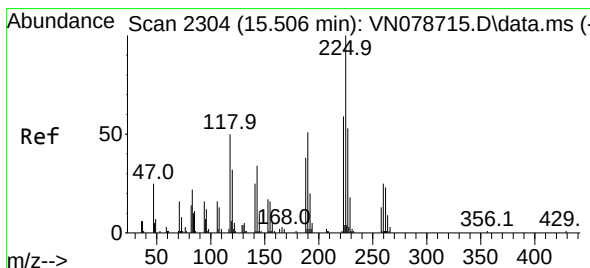
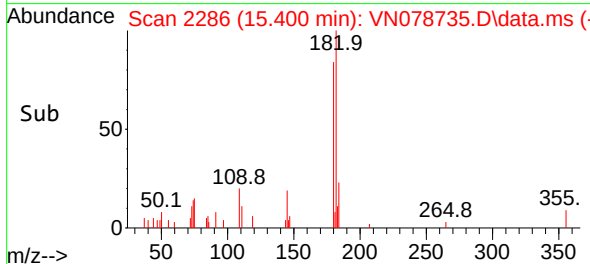
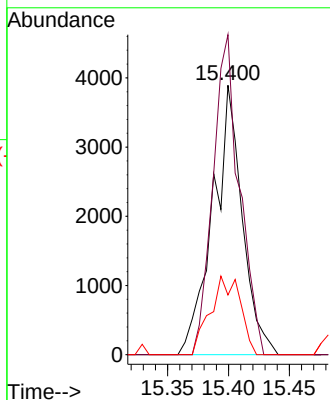
Tgt Ion:180 Resp: 6532
Ion Ratio Lower Upper
180 100
182 107.4 73.7 110.5
145 29.7 25.0 37.6

Manual Integrations
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Reviewed By :John
Carlone

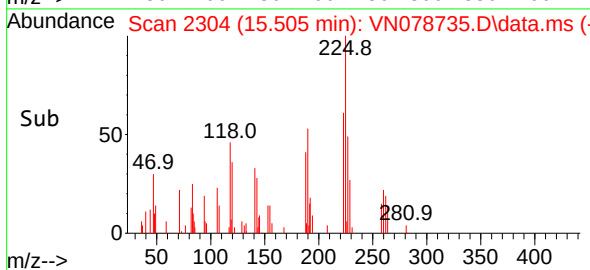
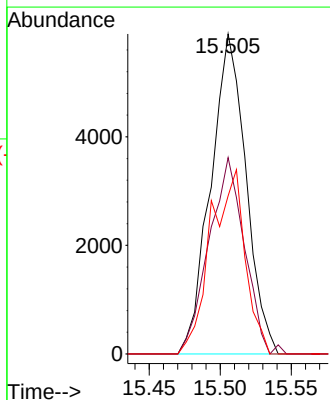
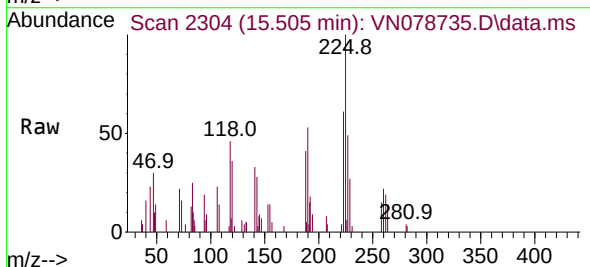
08/03/2023
Supervised By :Semsettin
Yesilyurt

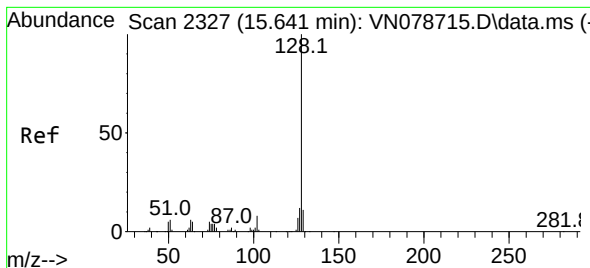
08/03/2023



#90
Hexachlorobutadiene
Concen: 4.530 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

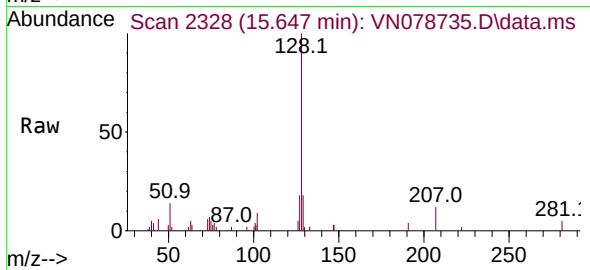
Tgt Ion:225 Resp: 10172
Ion Ratio Lower Upper
225 100
223 61.4 0.0 130.0
227 32.4 0.0 124.0





#91
Naphthalene
Concen: 2.364 ug/l
RT: 15.647 min Scan# 2110
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2023



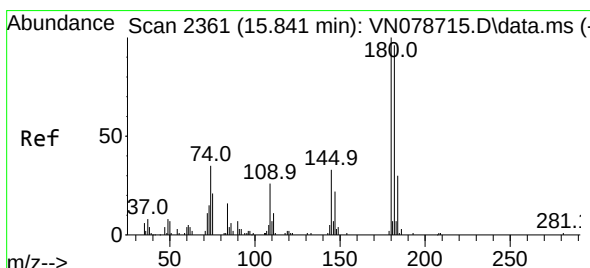
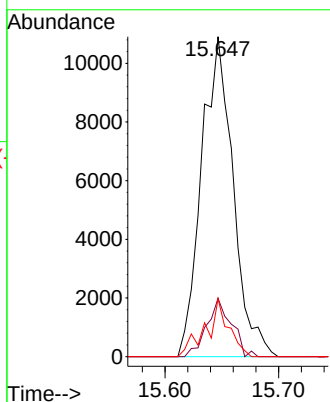
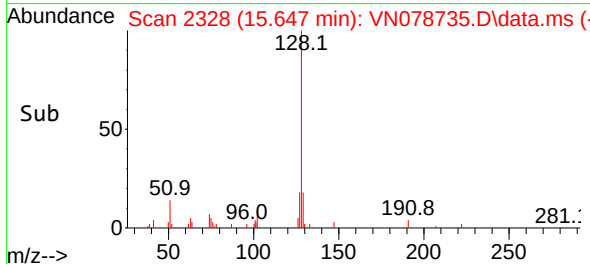
Tgt Ion:128 Resp: 2110
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.2
129 13.1 9.0 13.4

Manual Integrations
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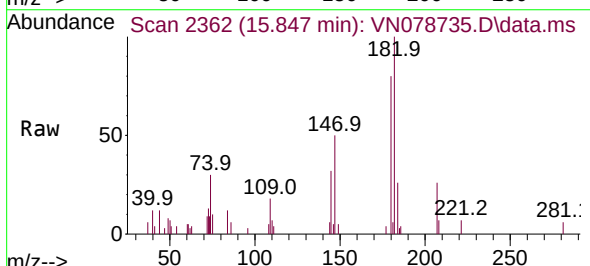
Reviewed By :John
Carlone

08/03/2023
Supervised By :Semsettin
Yesilyurt

08/03/2023



#92
1,2,3-Trichlorobenzene
Concen: 2.398 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078735.D
Acq: 02 Aug 2023 17:14



Tgt Ion:180 Resp: 8045
Ion Ratio Lower Upper
180 100
182 108.5 0.0 196.4
145 32.9 0.0 71.0

