

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080223\
 Data File : VN078734.D
 Acq On : 02 Aug 2023 16:50
 Operator : JC\MD
 Sample : 03572-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Quant Time: Aug 03 05:32:49 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 08/03/2023

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

Internal Standards						
1) Bromochloromethane	7.818	128	99828	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	525322	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	450723	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	222612	29.749	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.167%		
60) 4-Bromofluorobenzene	12.859	95	159883	23.670	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	78.900%		
63) Toluene-d8	10.571	98	667689	29.988	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.967%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	17726	2.815	ug/l	91
3) Chloromethane	2.371	50	25805	3.329	ug/l	99
4) Vinyl Chloride	2.518	62	31534	2.994	ug/l	97
5) Bromomethane	2.971	94	21251	2.699	ug/l	98
6) Chloroethane	3.124	64	18403	2.683	ug/l	98
7) Trichlorofluoromethane	3.506	101	28924	2.677	ug/l	97
8) Diethyl Ether	3.977	74	8706m	2.468	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.377	101	14340m	2.472	ug/l	
10) 1,1-Dichloroethene	4.359	96	14961m	2.690	ug/l	
11) Methyl Iodide	4.600	142	17927m	2.293	ug/l	
12) Methyl Acetate	5.053	43	21276	2.359	ug/l	99
13) Acrolein	4.200	56	12115	12.611	ug/l	90
14) Acrylonitrile	5.747	53	32163m	12.176	ug/l	
15) Acetone	4.447	58	9288	12.136	ug/l	91
16) Carbon Disulfide	4.724	76	40462	2.575	ug/l	95
17) Allyl chloride	5.047	41	19787m	2.606	ug/l	
18) Methylene Chloride	5.289	84	22083m	3.310	ug/l	
19) trans-1,2-Dichloroethene	5.806	96	15326m	2.383	ug/l	
20) Diisopropyl ether	6.683	45	38203	2.234	ug/l	94
21) 1,1-Dichloroethane	6.588	63	29455	2.602	ug/l	96
22) cis-1,2-Dichloroethene	7.500	96	18211	2.522	ug/l #	48
23) tert-Butyl Alcohol	5.542	59	15985m	14.809	ug/l	
24) Methyl tert-Butyl Ether	5.806	73	42636m	2.280	ug/l	
25) Chloroform	7.977	83	31607	2.637	ug/l	95
26) Cyclohexane	8.259	56	19058	2.285	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	20010	2.589	ug/l	86
30) 2-Butanone	7.500	43	40100	13.123	ug/l #	94
31) 2,2-Dichloropropane	7.500	77	25498	2.875	ug/l #	89
32) 1,1,1-Trichloroethane	8.177	97	26519	2.712	ug/l	95
33) Carbon Tetrachloride	8.365	117	23297	2.682	ug/l	95
34) Benzene	8.612	78	64635	2.784	ug/l #	64
35) Methacrylonitrile	7.794	41	8799	2.622	ug/l	74
36) 1,2-Dichloroethane	8.677	62	22616	2.773	ug/l	95
37) Trichloroethene	9.365	130	16701	2.563	ug/l	88
38) Methylcyclohexane	9.606	83	18962	2.388	ug/l	96
39) 1,2-Dichloropropane	9.629	63	15749	2.530	ug/l	92
40) Dibromomethane	9.718	93	11723	2.721	ug/l	88
41) Bromodichloromethane	9.894	83	23046	2.676	ug/l	93
42) Vinyl Acetate	6.618	43	112492	11.451	ug/l	99

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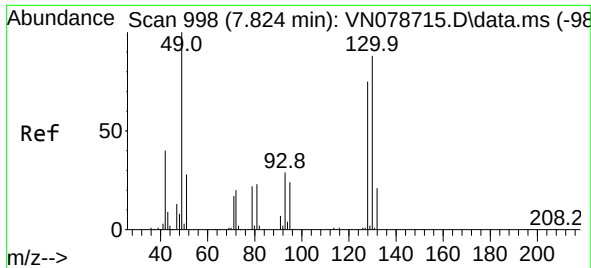
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	18343	2.904	ug/l	93
44) Isopropyl Acetate	8.700	43	27650	2.495	ug/l #	88
45) 1,4-Dioxane	9.706	88	4779	46.875	ug/l #	67
46) Methyl methacrylate	9.694	41	11983	2.361	ug/l	91
47) n-amyl Acetate	12.500	43	16513	1.934	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	21538	2.343	ug/l	94
49) cis-1,3-Dichloropropene	10.324	75	24587	2.518	ug/l #	91
50) 1,1,2-Trichloroethane	11.024	97	16202	2.657	ug/l	92
51) Ethyl methacrylate	10.876	69	17169	2.056	ug/l	90
52) 1,3-Dichloropropane	11.171	76	26370	2.406	ug/l	95
53) Dibromochloromethane	11.371	129	16671	2.420	ug/l	94
54) 1,2-Dibromoethane	11.476	107	15776	2.576	ug/l	97
55) 2-Chloroethyl vinyl ether	10.171	63	31223	11.736	ug/l	93
56) Bromoform	12.588	173	10854m	2.408	ug/l	
58) 4-Methyl-2-Pentanone	10.453	43	78045	11.568	ug/l	98
59) 2-Hexanone	11.200	43	52616	10.300	ug/l	94
61) Tetrachloroethene	11.112	164	14973	2.526	ug/l	94
62) Toluene	10.641	91	67344	2.484	ug/l	98
64) Chlorobenzene	11.894	112	40136	2.536	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	16320	2.614	ug/l	94
66) Ethyl Benzene	11.970	91	61206	2.240	ug/l	100
67) m/p-Xylenes	12.076	106	43671	4.184	ug/l	98
68) o-Xylene	12.406	106	23287	2.193	ug/l	91
69) Styrene	12.412	104	31087	1.819	ug/l	98
70) Isopropylbenzene	12.700	105	53605	2.040	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	19878	2.329	ug/l	95
72) 1,2,3-Trichloropropane	13.000	75	16707m	2.334	ug/l	
73) Bromobenzene	12.988	156	13697	2.127	ug/l	98
74) n-propylbenzene	13.041	91	55607	1.910	ug/l	99
75) 2-Chlorotoluene	13.135	91	35643	1.772	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	41771	1.781	ug/l	95
77) t-1,4-Dichloro-2-butene	12.747	75	5123	2.047	ug/l	88
78) 4-Chlorotoluene	13.229	91	30033	1.547	ug/l	99
79) tert-butylbenzene	13.441	119	36476	1.807	ug/l	95
80) 1,2,4-Trimethylbenzene	13.488	105	32908	1.469	ug/l	98
81) sec-Butylbenzene	13.617	105	44109	1.705	ug/l	99
82) p-Isopropyltoluene	13.735	119	32584	1.534	ug/l	92
83) 1,3-Dichlorobenzene	13.735	146	17504	1.533	ug/l	95
84) 1,4-Dichlorobenzene	13.817	146	14742	1.379	ug/l	97
85) n-Butylbenzene	14.059	91	19189	1.303	ug/l	97
86) Hexachloroethane	14.335	117	8808	2.275	ug/l	90
87) 1,2-Dichlorobenzene	14.112	146	17760	1.662	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.729	75	2589	1.786	ug/l #	70
89) 1,2,4-Trichlorobenzene	15.400	180	3077	1.009	ug/l #	70
90) Hexachlorobutadiene	15.506	225	4183m	1.801	ug/l	
91) Naphthalene	15.641	128	11343	1.228	ug/l #	81
92) 1,2,3-Trichlorobenzene	15.847	180	3789	1.092	ug/l	54

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



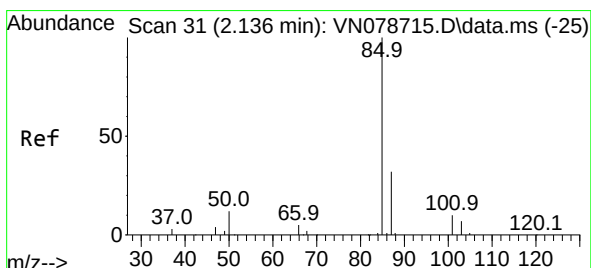
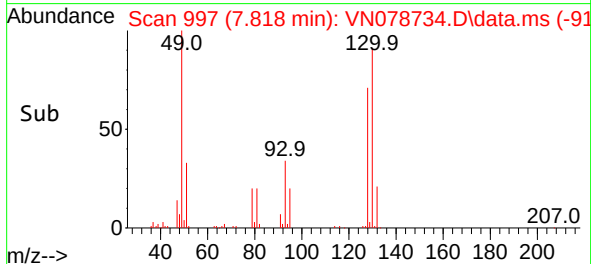
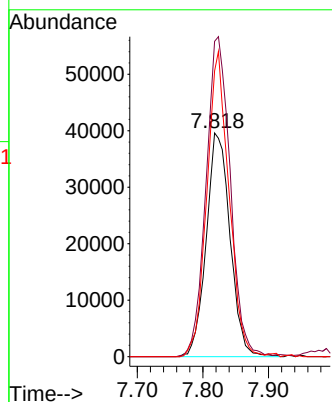
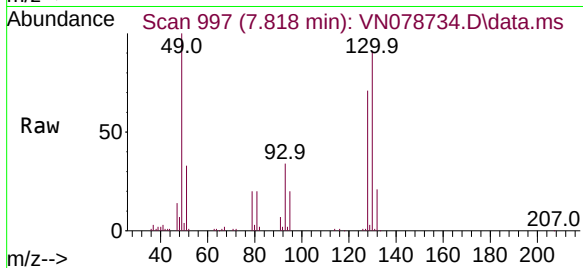
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

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Tgt Ion:128 Resp: 99828
Ion Ratio Lower Upper
128 100
49 145.7 0.0 370.8
130 127.0 0.0 307.0

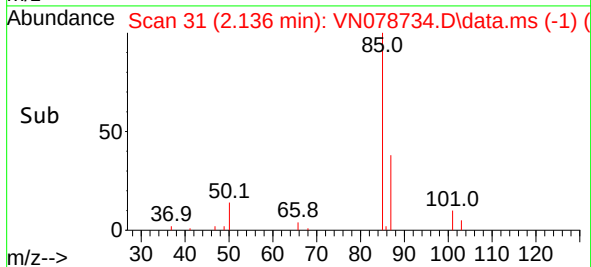
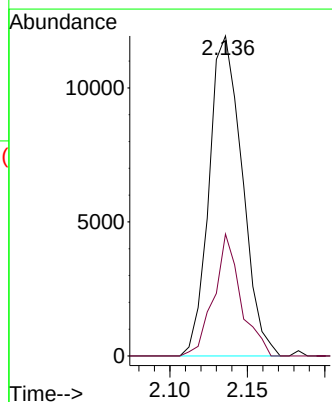
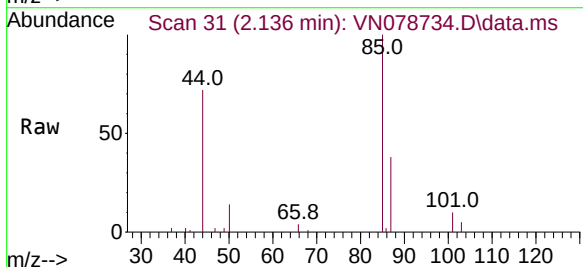
Manual Integrations
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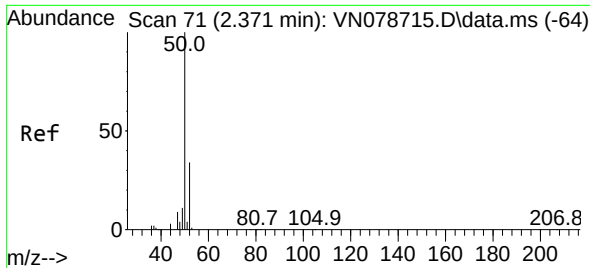
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#2
Dichlorodifluoromethane
Concen: 2.815 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

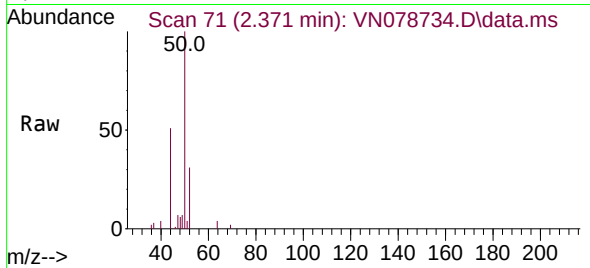
Tgt Ion: 85 Resp: 17726
Ion Ratio Lower Upper
85 100
87 38.1 16.4 49.4





#3
Chloromethane
Concen: 3.329 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

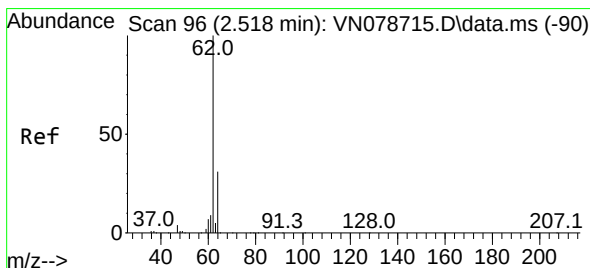
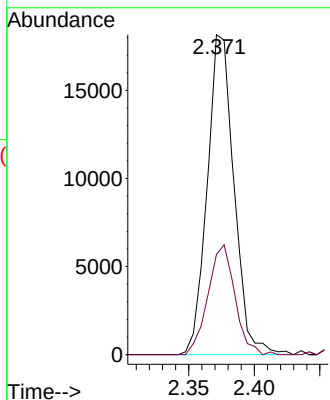
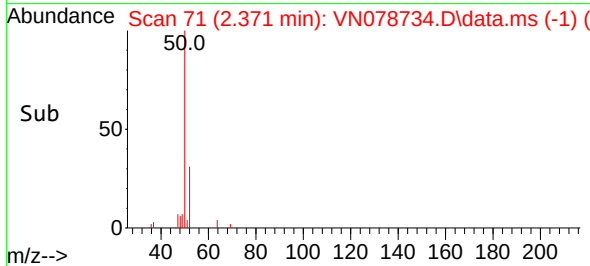
Instrument :
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ClientSampleId :
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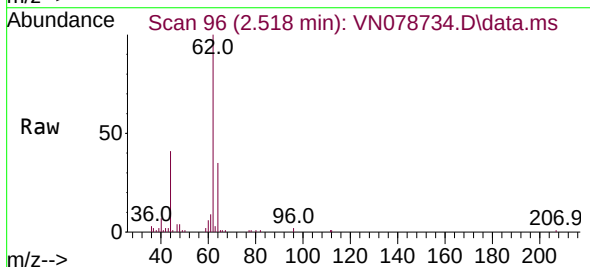
Tgt Ion: 50 Resp: 2580
Ion Ratio Lower Upper
50 100
52 31.3 24.6 36.8

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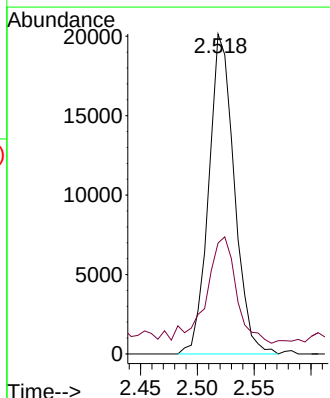
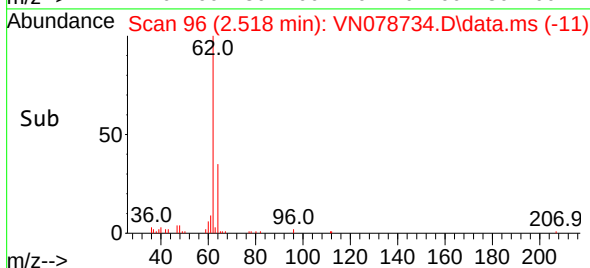
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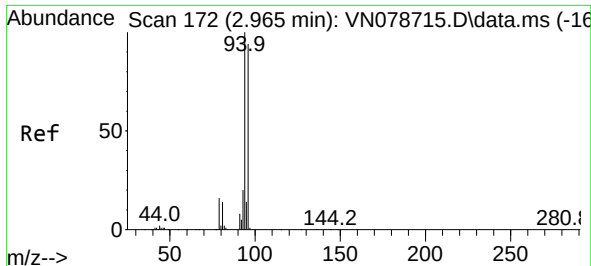


#4
Vinyl Chloride
Concen: 2.994 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50



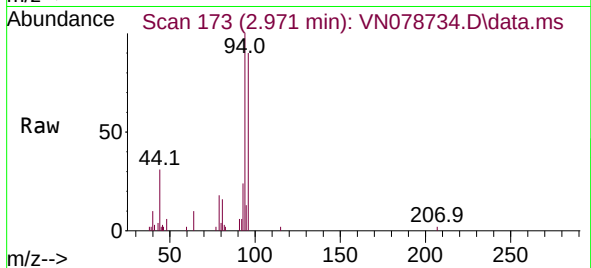
Tgt Ion: 62 Resp: 31534
Ion Ratio Lower Upper
62 100
64 30.5 23.3 34.9





#5
Bromomethane
Concen: 2.699 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

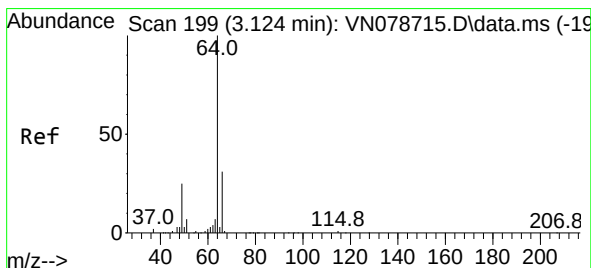
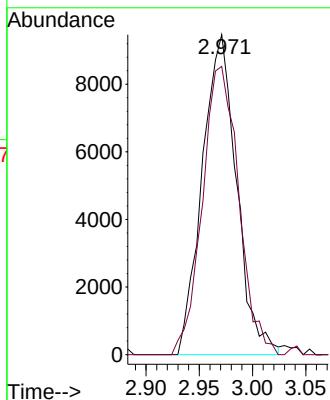
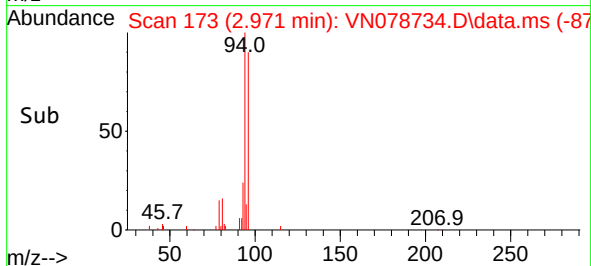
Instrument :
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LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 94 Resp: 2125
Ion Ratio Lower Upper
94 100
96 90.1 73.9 110.9

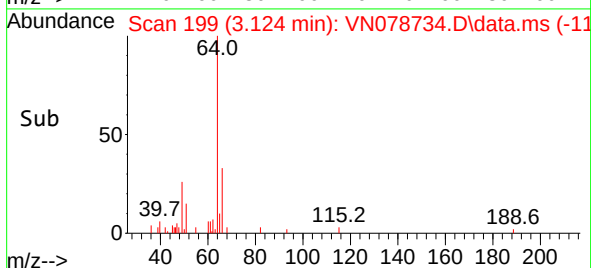
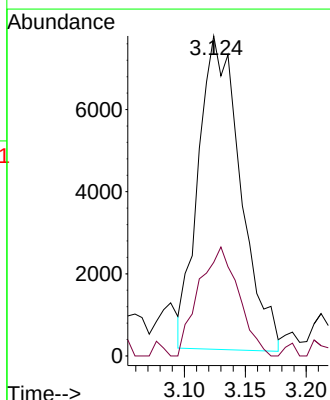
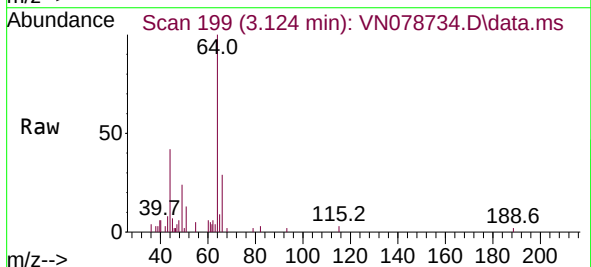
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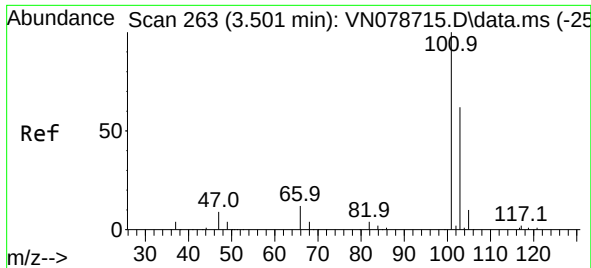
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#6
Chloroethane
Concen: 2.683 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN078734.D
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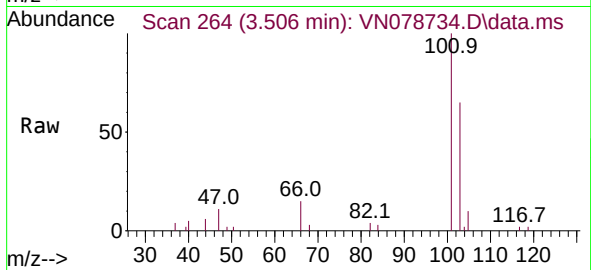
Tgt Ion: 64 Resp: 18403
Ion Ratio Lower Upper
64 100
66 30.8 25.7 38.5





#7
Trichlorofluoromethane
Concen: 2.677 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN078734.D
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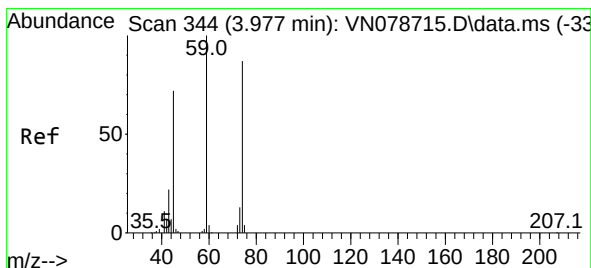
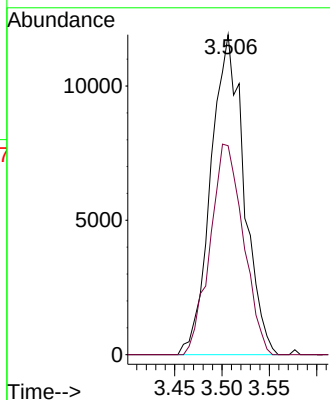
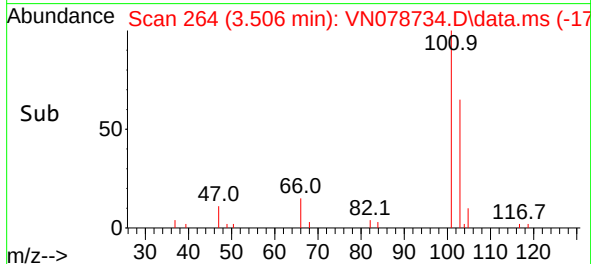
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Tgt Ion:101 Resp: 28924
Ion Ratio Lower Upper
101 100
103 65.3 50.4 75.6

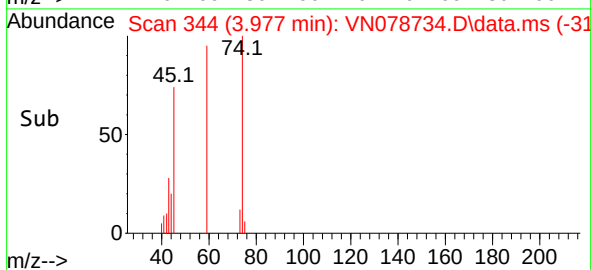
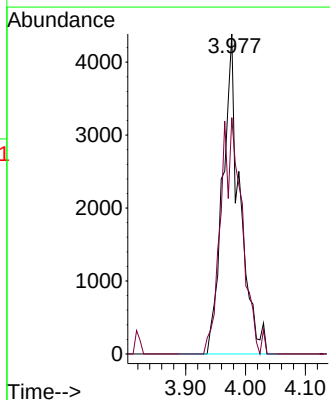
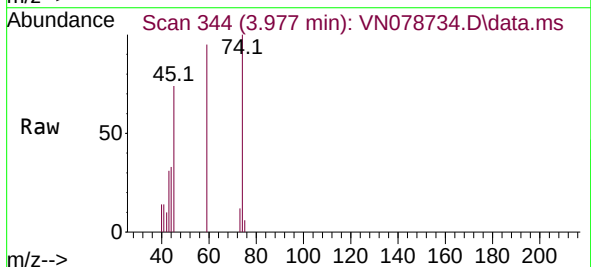
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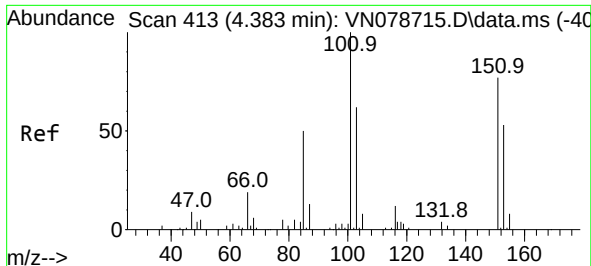
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#8
Diethyl Ether
Concen: 2.468 ug/l m
RT: 3.977 min Scan# 344
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Tgt Ion: 74 Resp: 8706
Ion Ratio Lower Upper
74 100
45 51.8 16.3 146.5





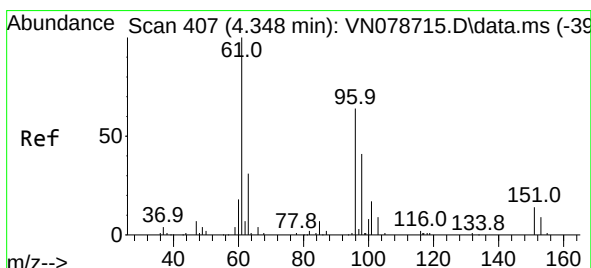
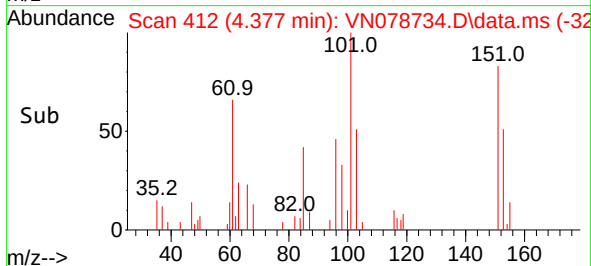
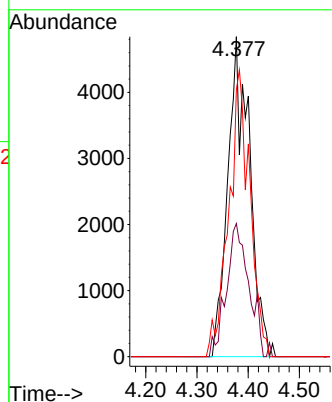
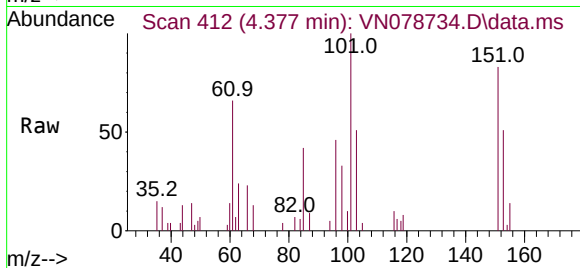
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1,1,2-Trichlorotrifluoroethane
Concen: 2.472 ug/l m
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion:101 Resp: 14340
Ion Ratio Lower Upper
101 100
85 33.6 0.0 89.2
151 0.0 0.0 148.8

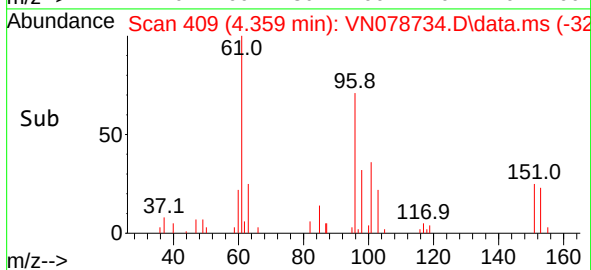
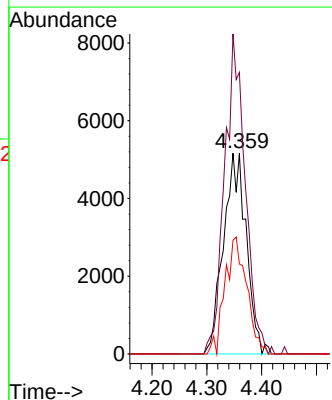
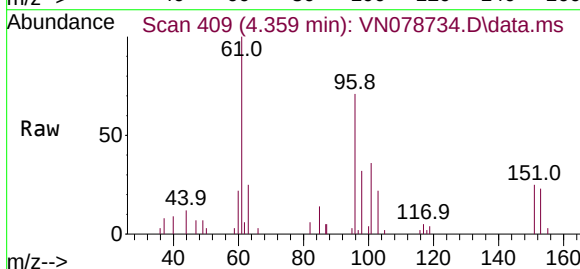
Manual Integrations
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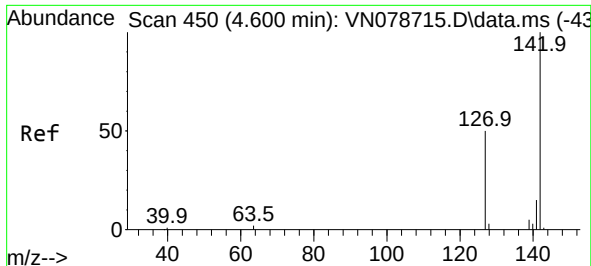
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#10
1,1-Dichloroethene
Concen: 2.690 ug/l m
RT: 4.359 min Scan# 409
Delta R.T. 0.012 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

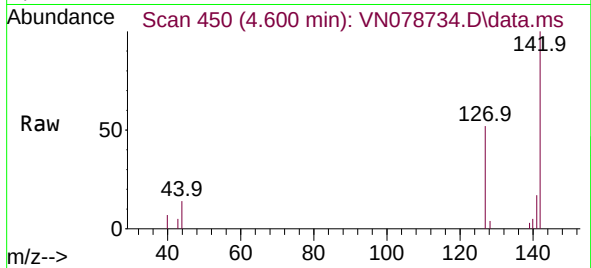
Tgt Ion: 96 Resp: 14961
Ion Ratio Lower Upper
96 100
61 140.3 123.4 185.2
98 44.8 53.7 80.5#





#11
Methyl Iodide
Concen: 2.293 ug/l m
RT: 4.600 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

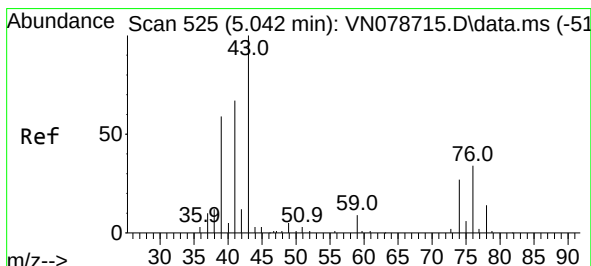
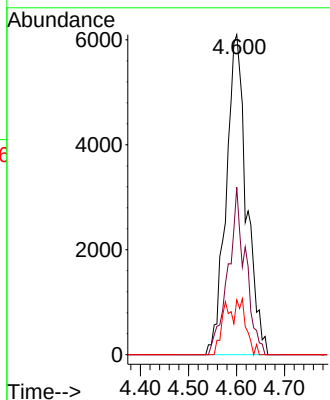
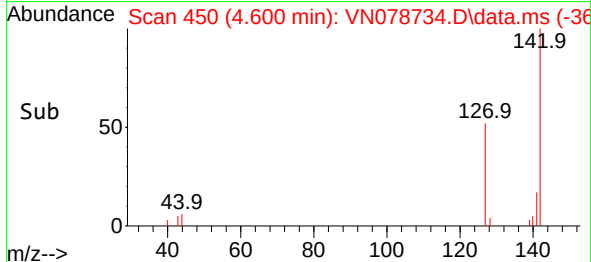
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



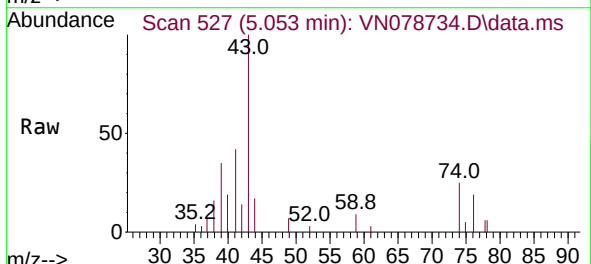
Tgt Ion:142 Resp: 1792
Ion Ratio Lower Upper
142 100
127 52.3 23.2 69.5
141 17.1 7.2 21.7

Manual Integrations
APPROVED

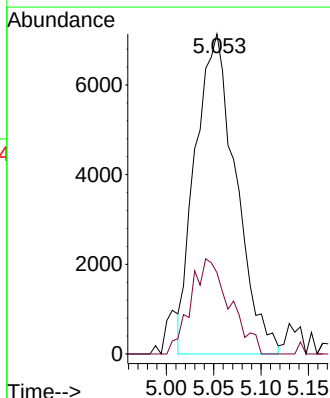
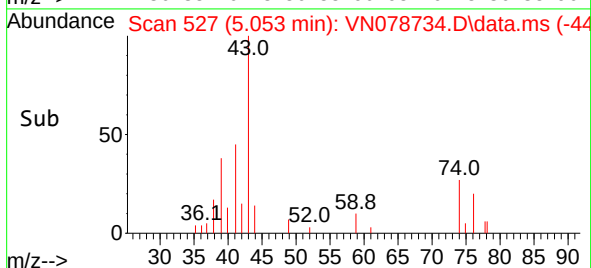
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

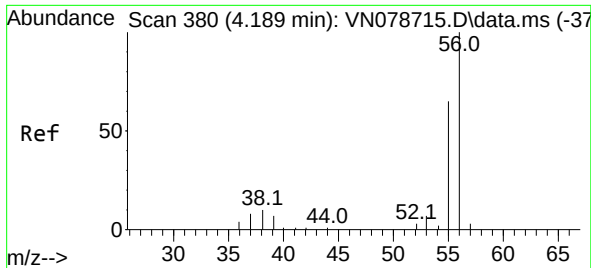


#12
Methyl Acetate
Concen: 2.359 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.012 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50



Tgt Ion: 43 Resp: 21276
Ion Ratio Lower Upper
43 100
74 24.9 20.5 30.7





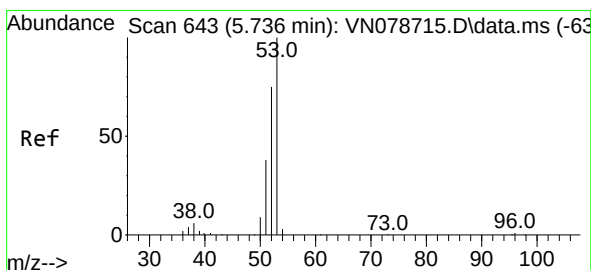
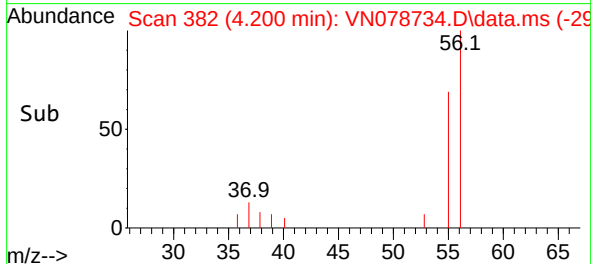
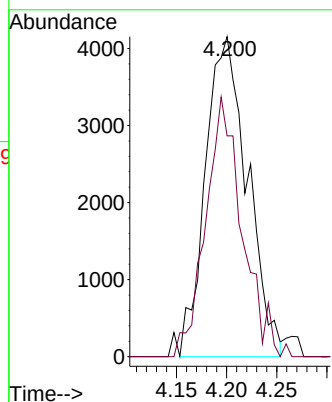
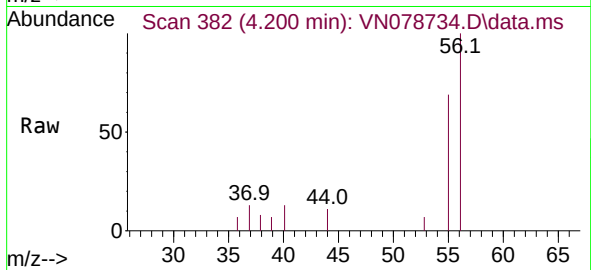
#13
Acrolein
Concen: 12.611 ug/l
RT: 4.200 min Scan# 381
Delta R.T. 0.012 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 56 Resp: 1211
Ion Ratio Lower Upper
56 100
55 65.7 59.0 88.4

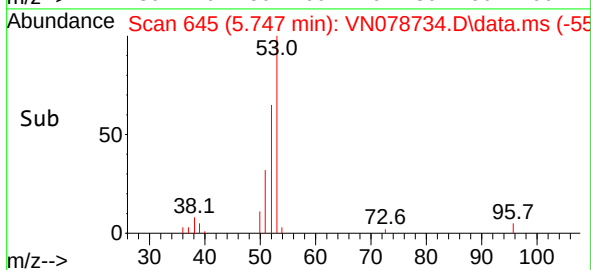
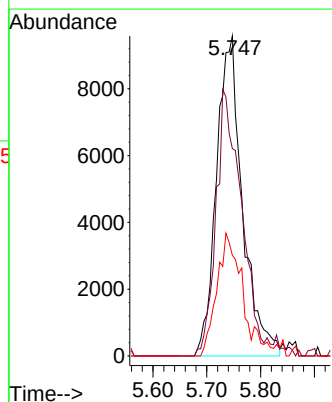
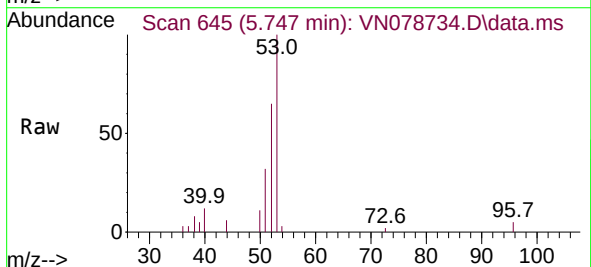
Manual Integrations
APPROVED

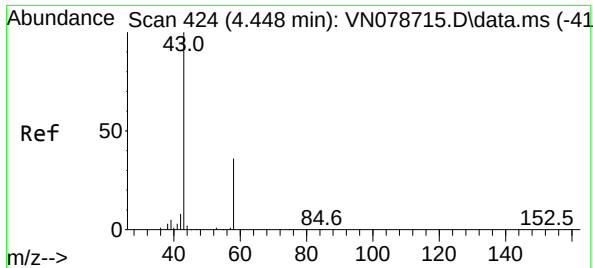
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#14
Acrylonitrile
Concen: 12.176 ug/l m
RT: 5.747 min Scan# 645
Delta R.T. 0.012 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Tgt Ion: 53 Resp: 32163
Ion Ratio Lower Upper
53 100
52 80.9 42.3 126.9
51 34.4 18.4 55.4





#15

Acetone

Concen: 12.136 ug/l

RT: 4.447 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN078734.D

Acq: 02 Aug 2023 16:50

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 58 Resp: 928

Ion Ratio Lower Upper

58 100

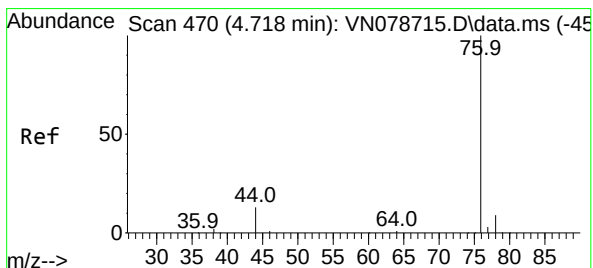
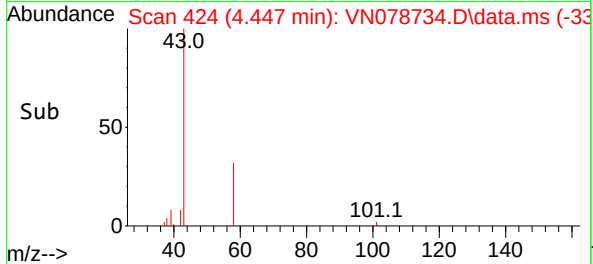
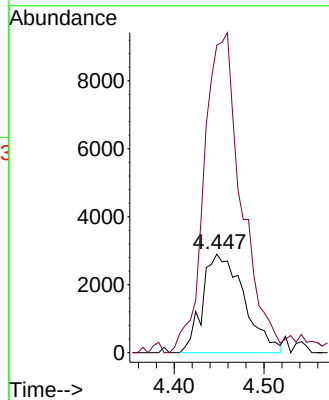
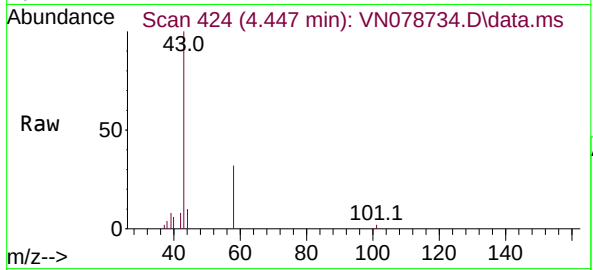
43 302.3 227.5 341.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#16

Carbon Disulfide

Concen: 2.575 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.006 min

Lab File: VN078734.D

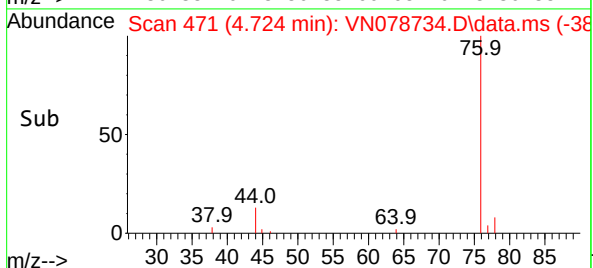
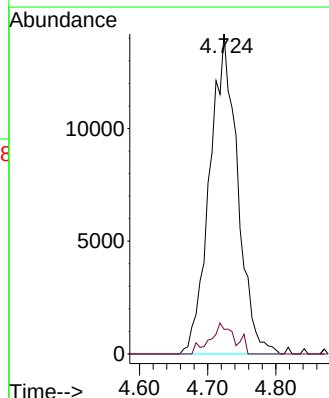
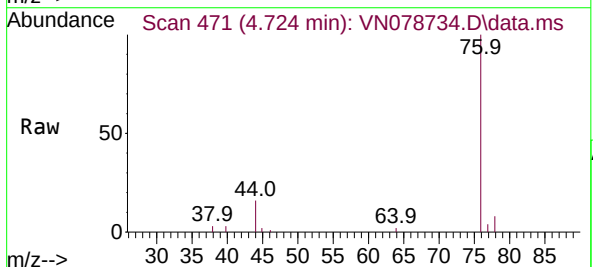
Acq: 02 Aug 2023 16:50

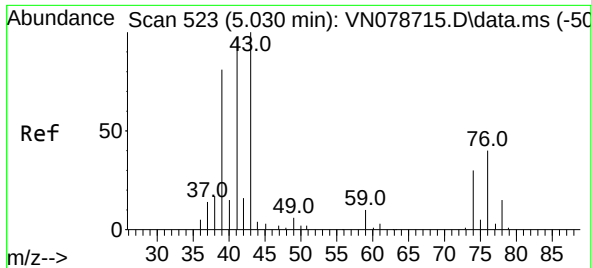
Tgt Ion: 76 Resp: 40462

Ion Ratio Lower Upper

76 100

78 7.7 7.7 11.5





#17

Allyl chloride

Concen: 2.606 ug/l m

RT: 5.047 min Scan# 51

Delta R.T. 0.018 min

Lab File: VN078734.D

Acq: 02 Aug 2023 16:50

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

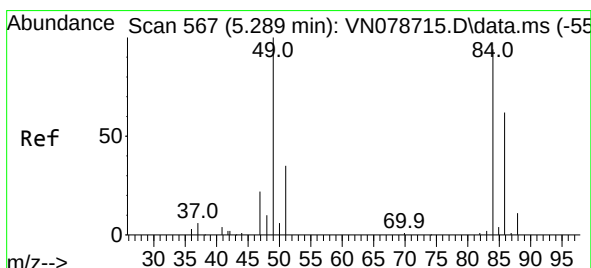
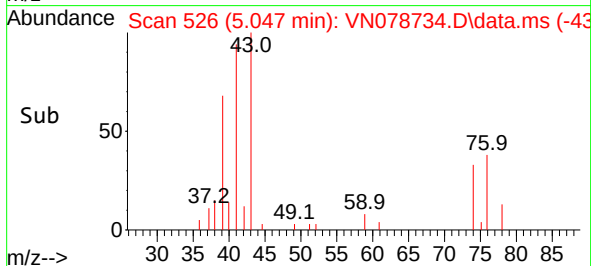
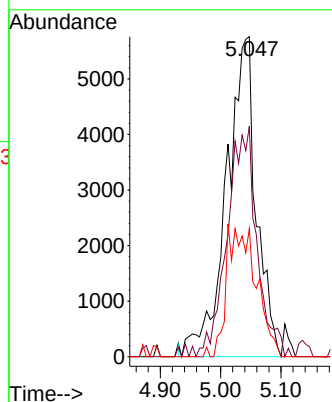
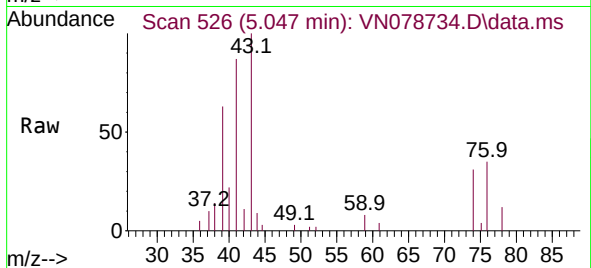
Tgt Ion:	41	Resp:	1978
Ion	Ratio	Lower	Upper
41	100		
39	72.1	37.6	112.8
76	40.0	23.8	71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#18

Methylene Chloride

Concen: 3.310 ug/l m

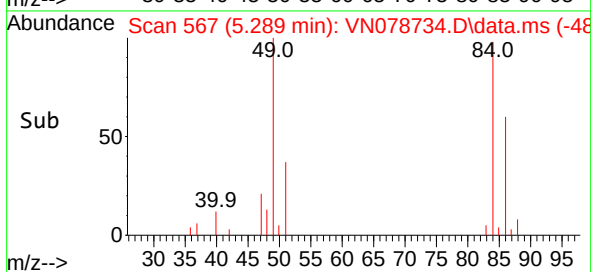
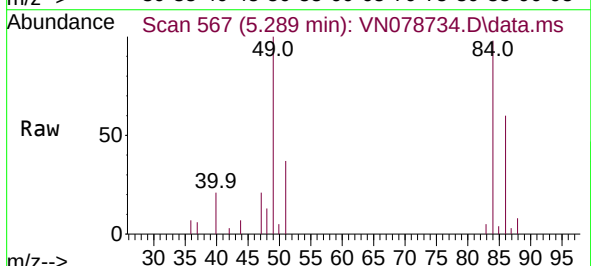
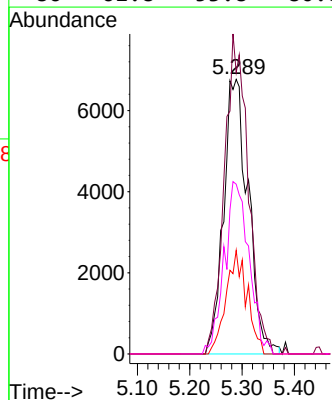
RT: 5.289 min Scan# 567

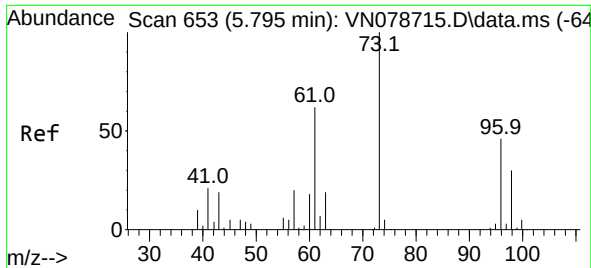
Delta R.T. -0.000 min

Lab File: VN078734.D

Acq: 02 Aug 2023 16:50

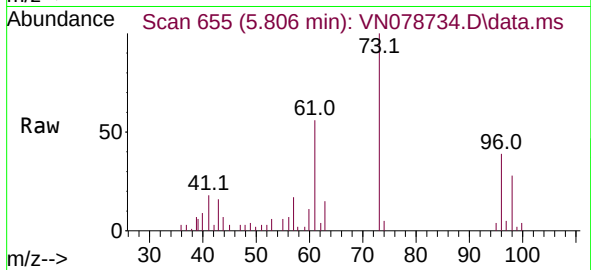
Tgt Ion:	84	Resp:	22083
Ion	Ratio	Lower	Upper
84	100		
49	102.5	88.1	132.1
51	37.7	24.0	36.0
86	61.8	53.8	80.8





#19
trans-1,2-Dichloroethene
Concen: 2.383 ug/l m
RT: 5.806 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

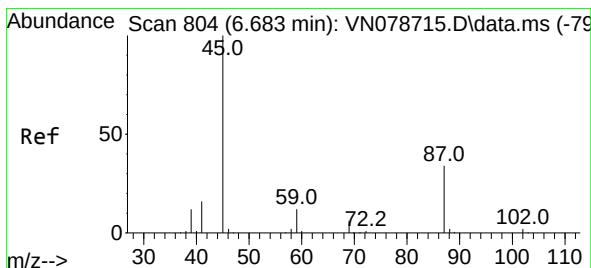
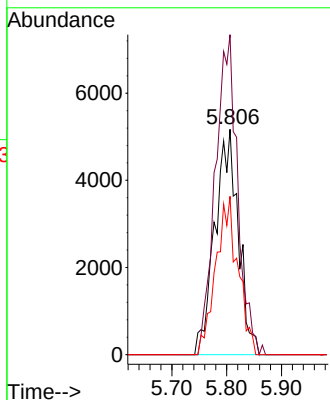
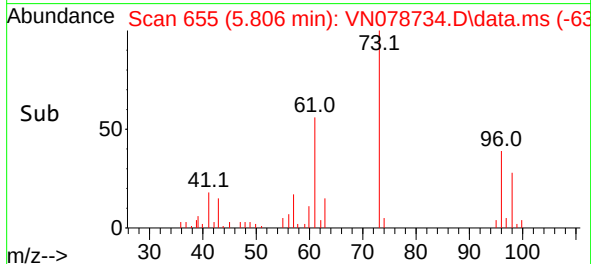
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 96 Resp: 15320
Ion Ratio Lower Upper
96 100
61 142.0 105.2 157.8
98 70.3 50.5 75.7

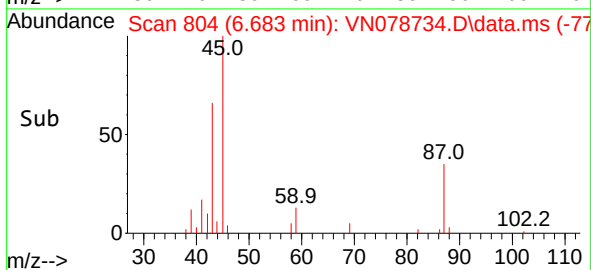
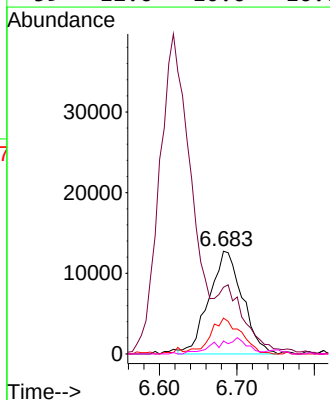
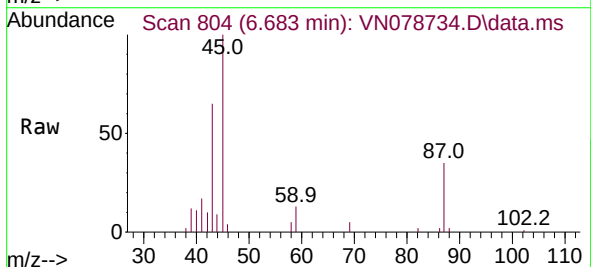
Manual Integrations
APPROVED

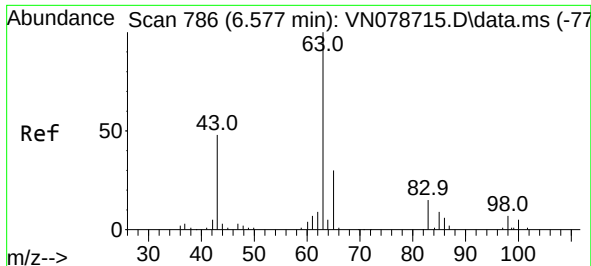
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#20
Diisopropyl ether
Concen: 2.234 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Tgt Ion: 45 Resp: 38203
Ion Ratio Lower Upper
45 100
43 60.1 43.6 65.4
87 34.9 25.8 38.6
59 12.6 10.6 16.0





#21

1,1-Dichloroethane

Concen: 2.602 ug/l

RT: 6.588 min Scan# 71

Delta R.T. 0.012 min

Lab File: VN078734.D

Acq: 02 Aug 2023 16:50

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

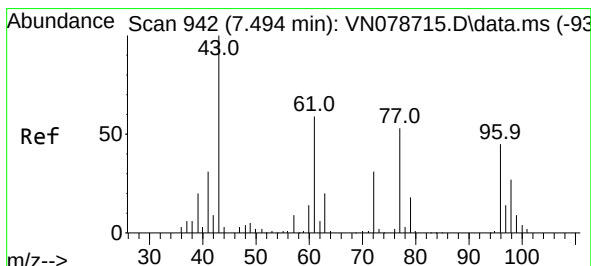
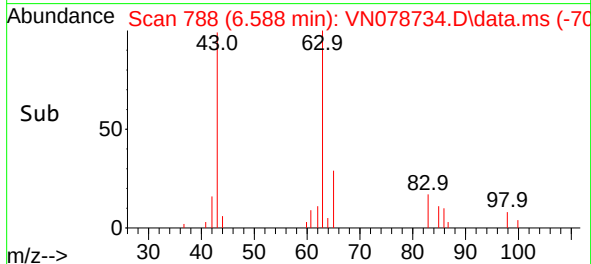
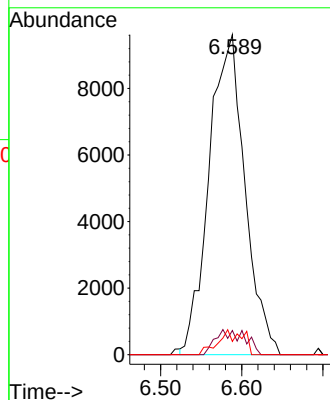
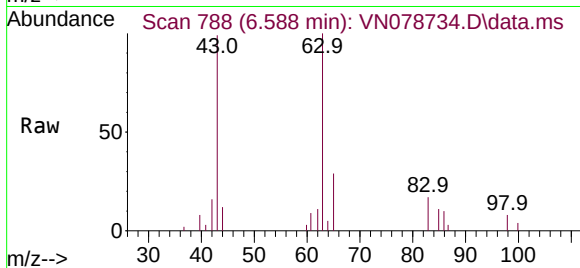
Tgt Ion: 63	Resp: 2945
Ion Ratio	Lower Upper
63 100	
98 7.6	2.7 8.1
100 4.2	2.5 7.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#22

cis-1,2-Dichloroethene

Concen: 2.522 ug/l

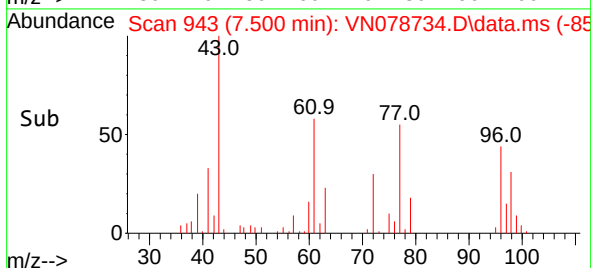
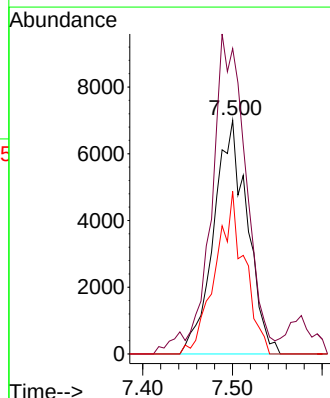
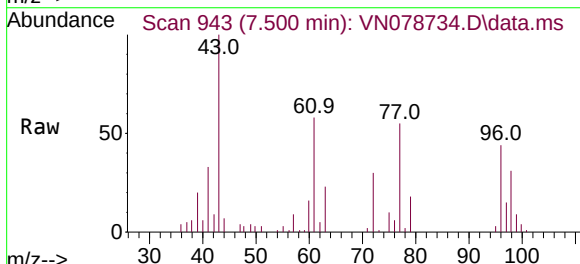
RT: 7.500 min Scan# 943

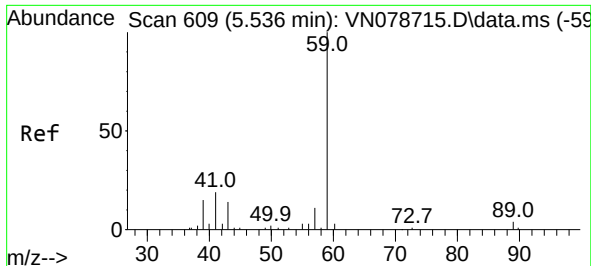
Delta R.T. 0.006 min

Lab File: VN078734.D

Acq: 02 Aug 2023 16:50

Tgt Ion: 96	Resp: 18211
Ion Ratio	Lower Upper
96 100	
61 62.9	113.8 170.6#
98 44.6	52.2 78.4#





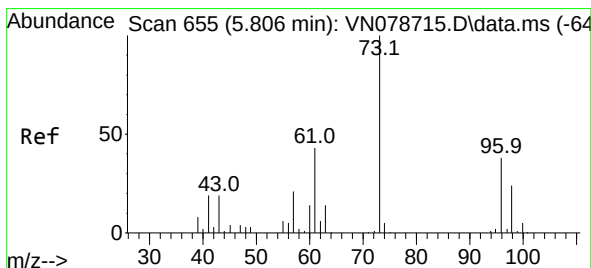
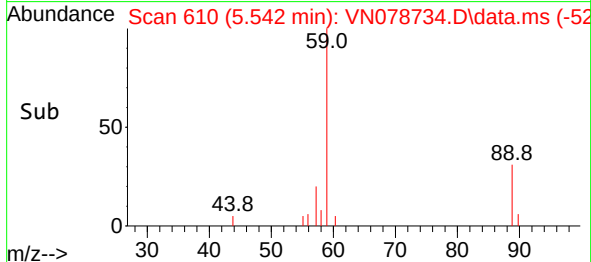
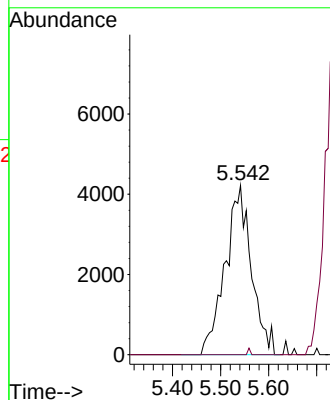
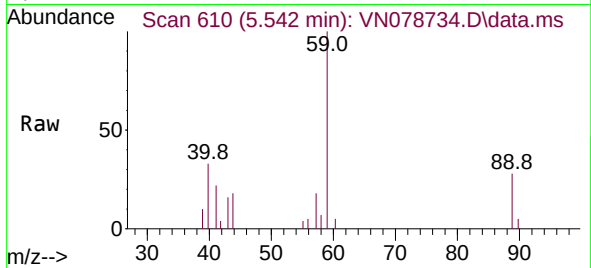
#23
tert-Butyl Alcohol
Concen: 14.809 ug/l m
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 59 Resp: 1598
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

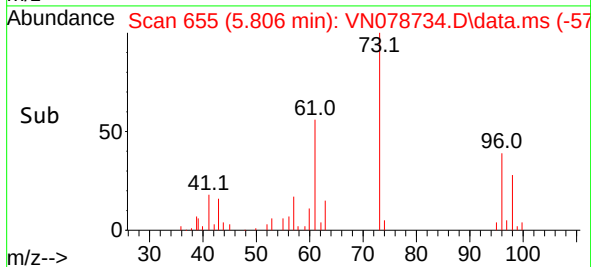
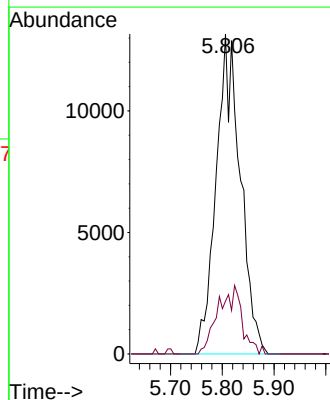
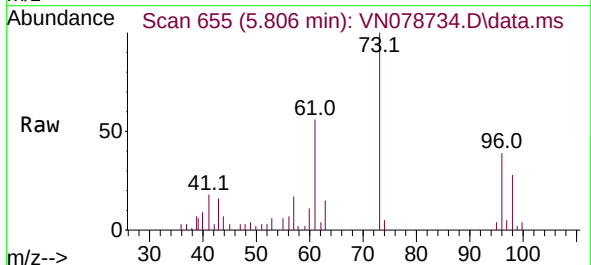
Manual Integrations
APPROVED

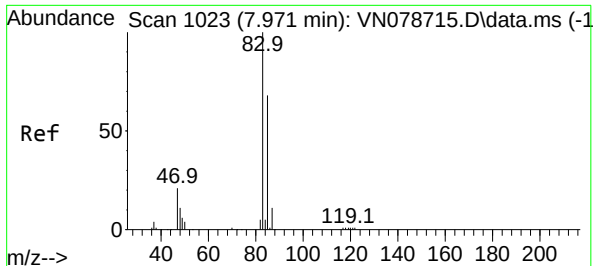
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#24
Methyl tert-Butyl Ether
Concen: 2.280 ug/l m
RT: 5.806 min Scan# 655
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Tgt Ion: 73 Resp: 42636
Ion Ratio Lower Upper
73 100
43 4.3 14.5 21.7#





#25

Chloroform

Concen: 2.637 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078734.D

Acq: 02 Aug 2023 16:50

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

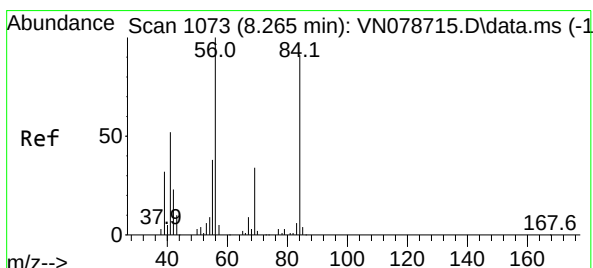
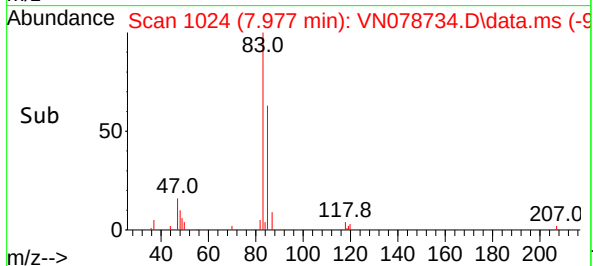
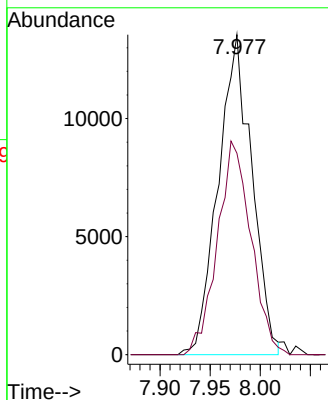
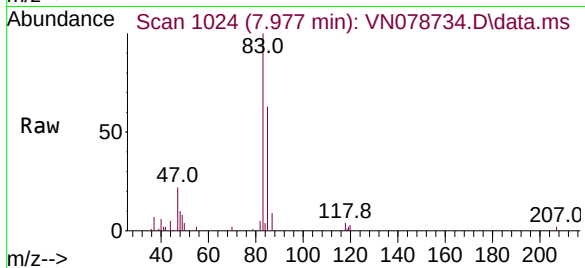
Tgt Ion: 83 Resp: 3160
 Ion Ratio Lower Upper
 83 100
 85 63.0 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#26

Cyclohexane

Concen: 2.285 ug/l

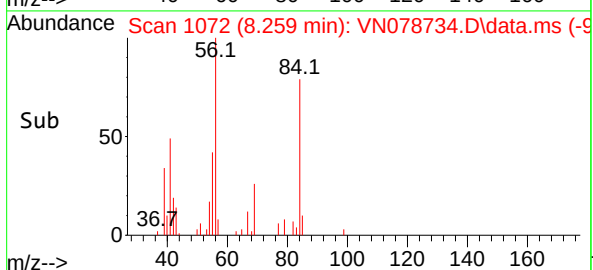
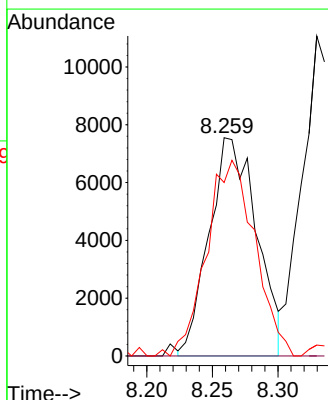
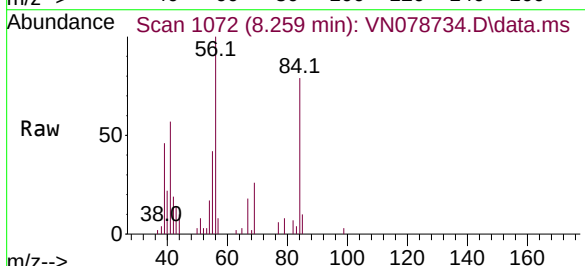
RT: 8.259 min Scan# 1072

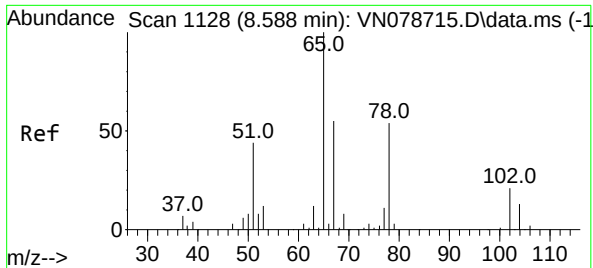
Delta R.T. -0.006 min

Lab File: VN078734.D

Acq: 02 Aug 2023 16:50

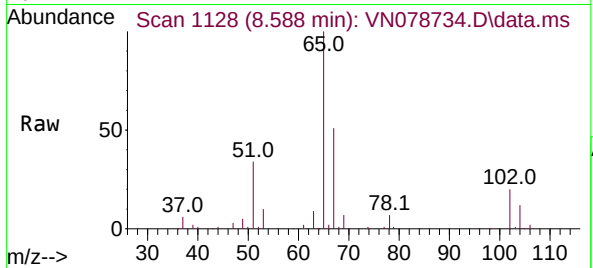
Tgt Ion: 56 Resp: 19058
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.0 0.0
 84 91.0 74.2 111.4





#27
1,2-Dichloroethane-d4
Concen: 29.749 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

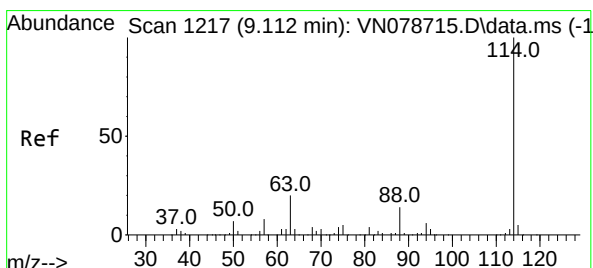
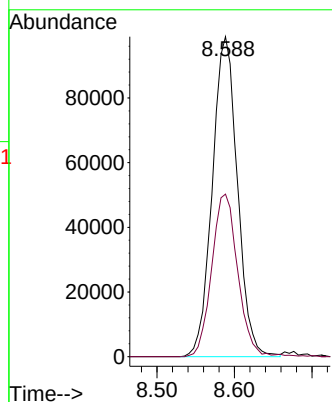
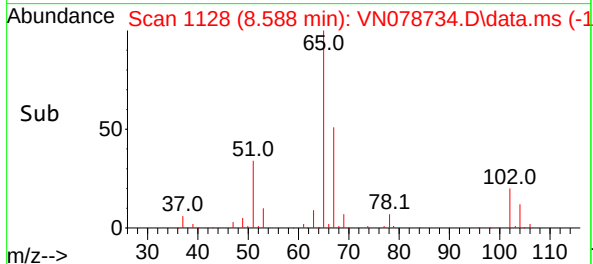
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



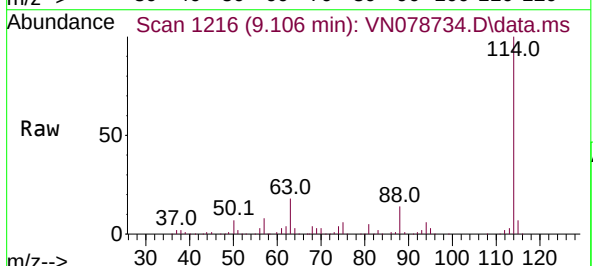
Tgt Ion: 65 Resp: 222612
Ion Ratio Lower Upper
65 100
67 52.3 42.9 64.3

Manual Integrations
APPROVED

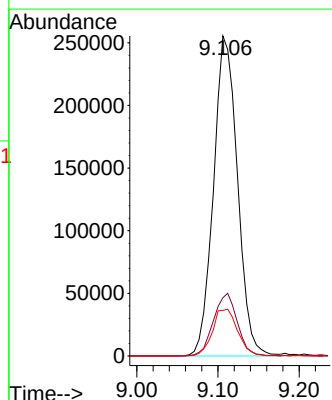
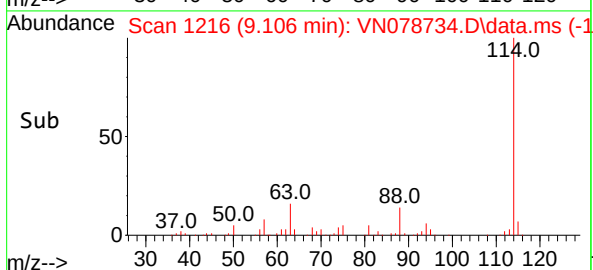
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

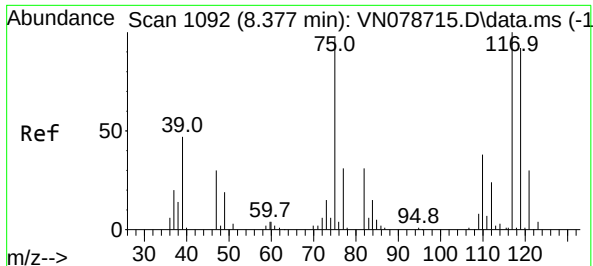


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50



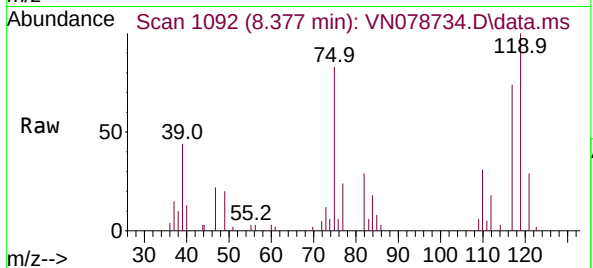
Tgt Ion:114 Resp: 525322
Ion Ratio Lower Upper
114 100
63 19.4 15.2 22.8
88 15.3 12.5 18.7





#29
1,1-Dichloropropene
Concen: 2.589 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

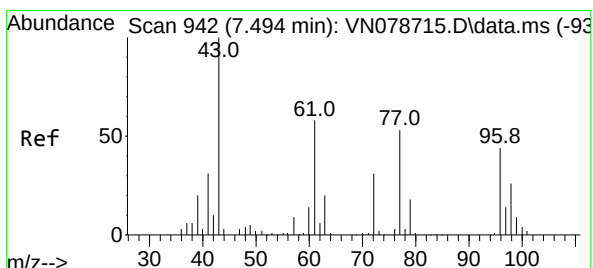
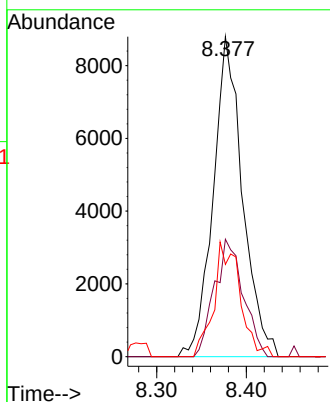
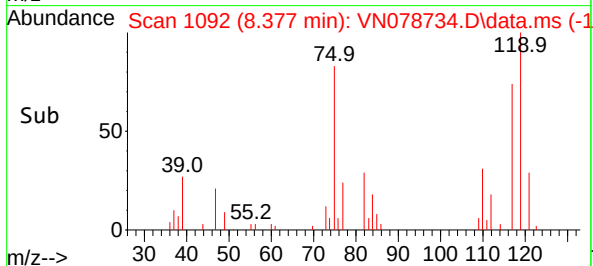
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



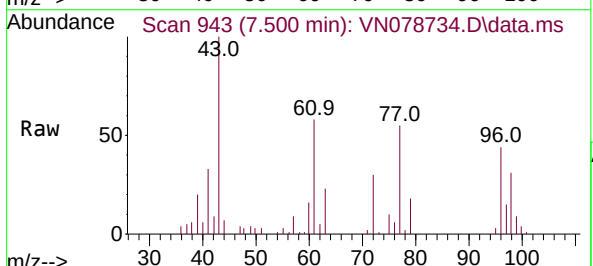
Tgt Ion: 75 Resp: 20010
Ion Ratio Lower Upper
75 100
110 36.0 0.0 72.2
77 15.2 0.0 62.8

Manual Integrations
APPROVED

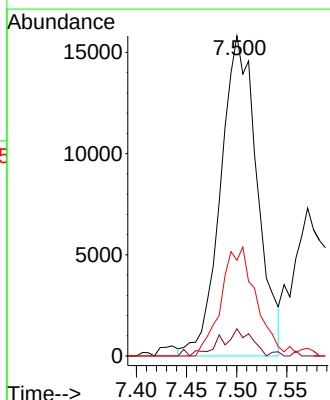
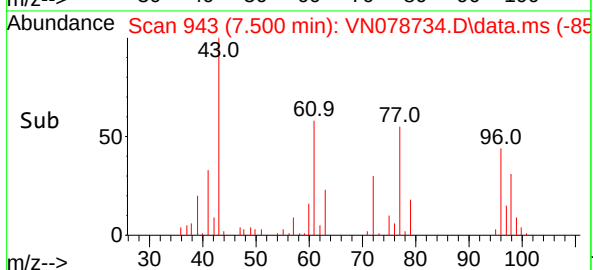
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

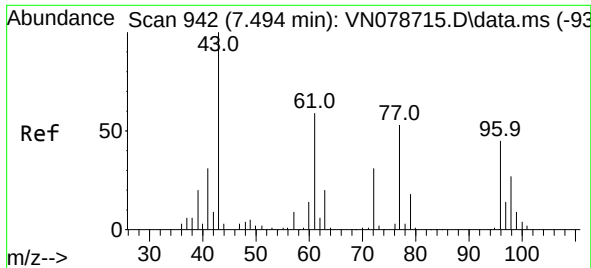


#30
2-Butanone
Concen: 13.123 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50



Tgt Ion: 43 Resp: 40100
Ion Ratio Lower Upper
43 100
57 4.6 6.8 10.2#
72 32.2 23.8 35.6





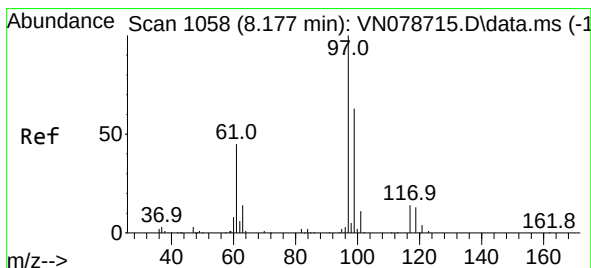
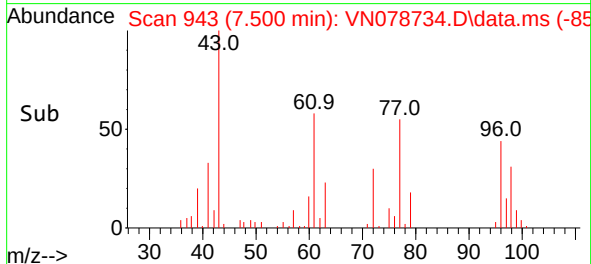
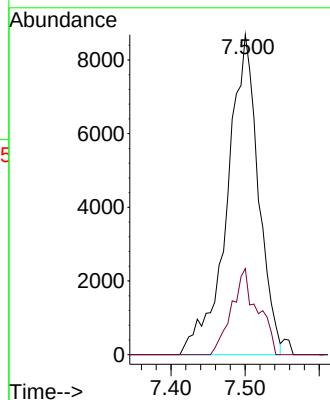
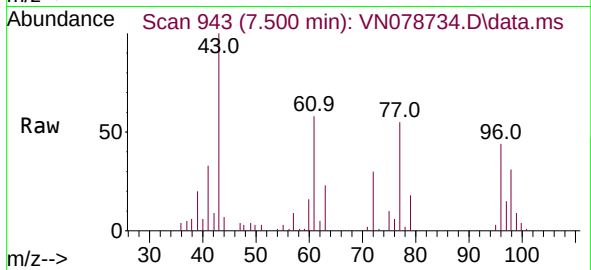
#31
2,2-Dichloropropane
Concen: 2.875 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 77 Resp: 25498
Ion Ratio Lower Upper
77 100
97 18.4 18.8 28.2

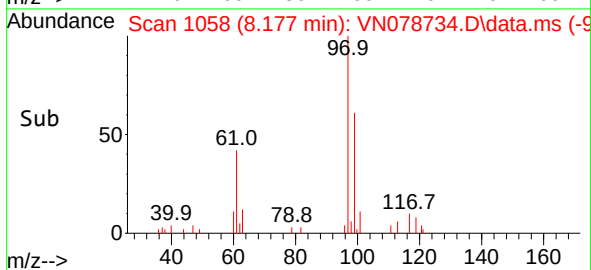
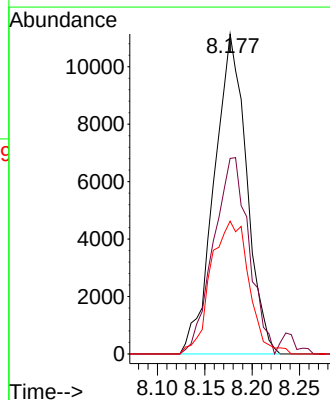
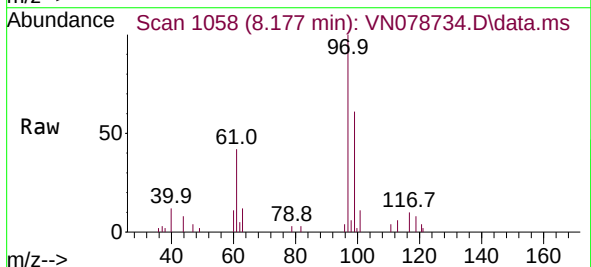
Manual Integrations
APPROVED

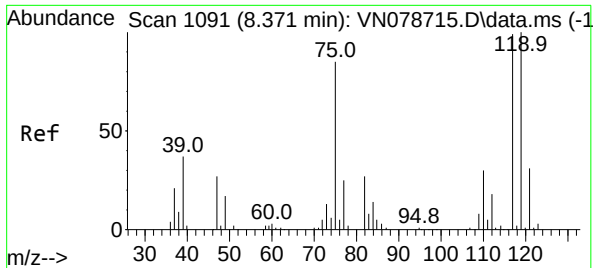
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#32
1,1,1-Trichloroethane
Concen: 2.712 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

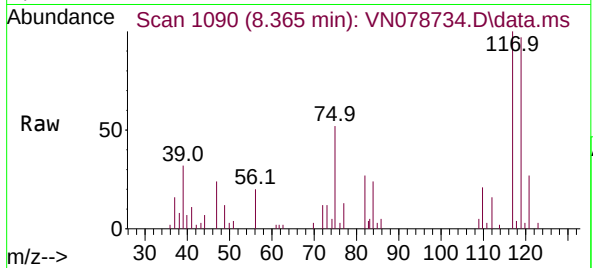
Tgt Ion: 97 Resp: 26519
Ion Ratio Lower Upper
97 100
99 67.0 51.3 76.9
61 48.2 34.6 52.0





#33
Carbon Tetrachloride
Concen: 2.682 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

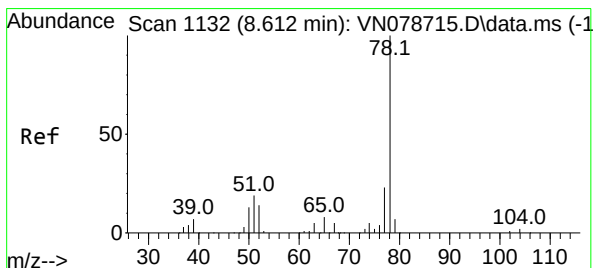
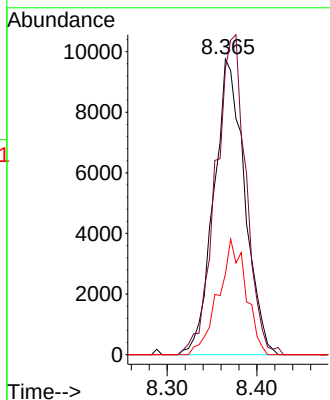
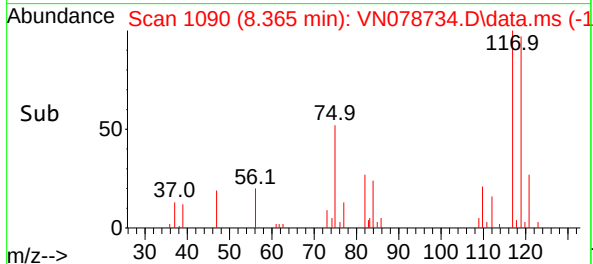
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 117 Resp: 2329
Ion Ratio Lower Upper
117 100
119 96.8 81.4 122.0
121 27.2 23.6 35.4

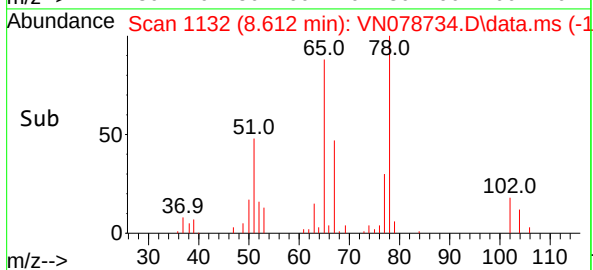
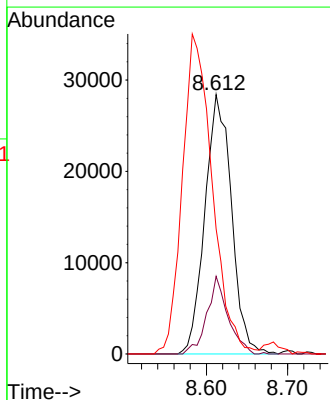
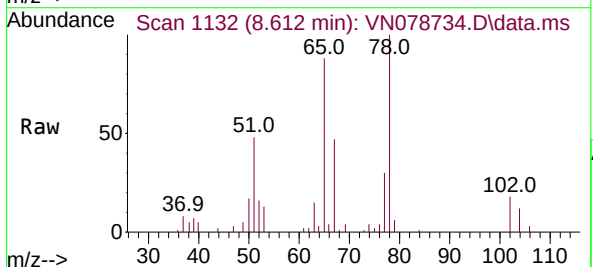
Manual Integrations
APPROVED

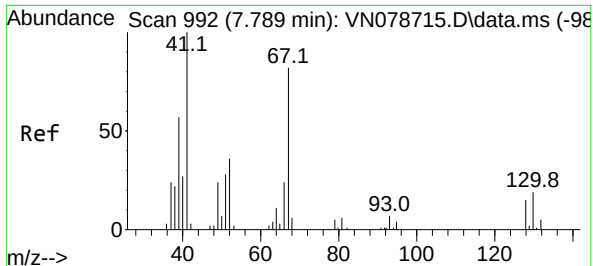
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#34
Benzene
Concen: 2.784 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

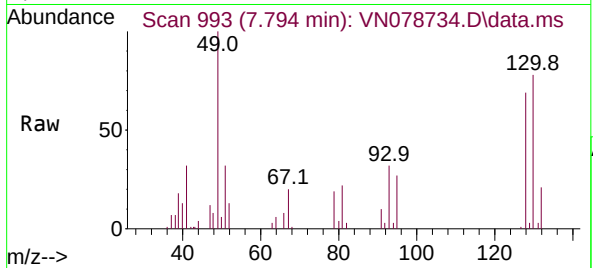
Tgt Ion: 78 Resp: 64635
Ion Ratio Lower Upper
78 100
77 29.9 18.3 27.5#
51 45.6 13.7 20.5#





#35
Methacrylonitrile
Concen: 2.622 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

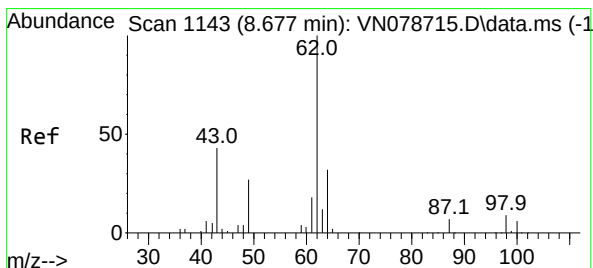
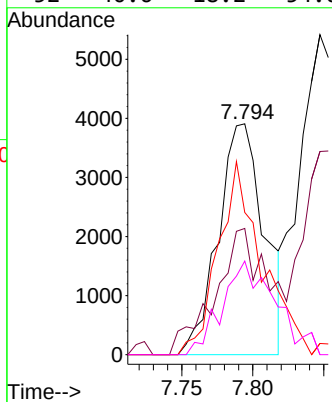
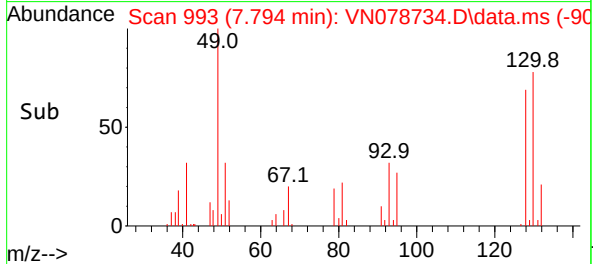
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 41 Resp: 8799
Ion Ratio Lower Upper
41 100
39 44.5 33.9 101.6
67 61.7 45.9 137.6
52 40.6 18.2 54.6

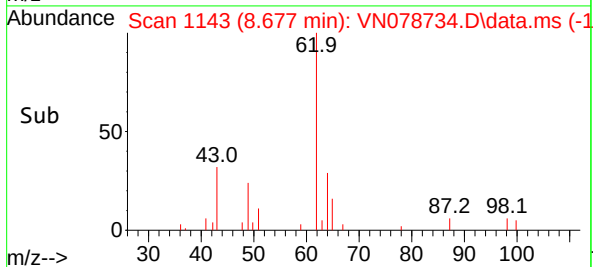
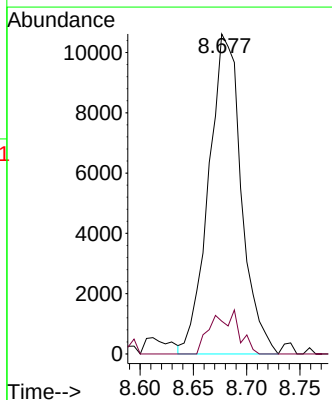
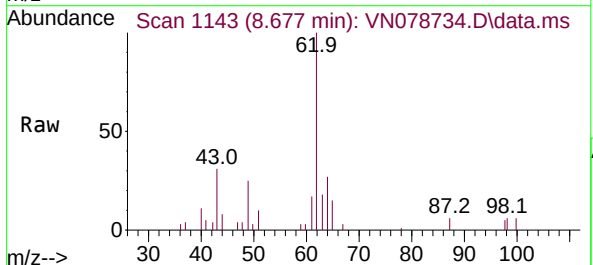
Manual Integrations
APPROVED

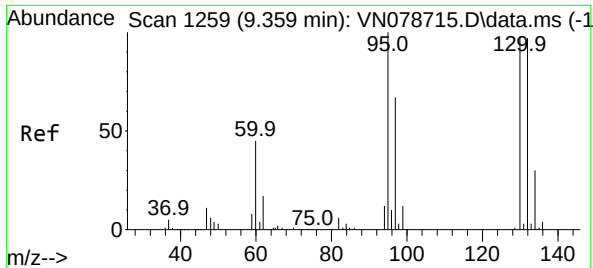
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#36
1,2-Dichloroethane
Concen: 2.773 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Tgt Ion: 62 Resp: 22616
Ion Ratio Lower Upper
62 100
98 7.4 7.4 11.0





#37

Trichloroethene

Concen: 2.563 ug/l

RT: 9.365 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VN078734.D

Acq: 02 Aug 2023 16:50

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion:130 Resp: 1670

Ion Ratio Lower Upper

130 100

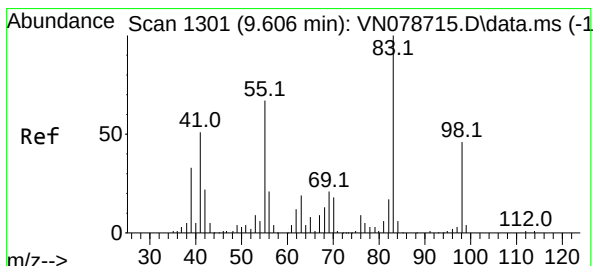
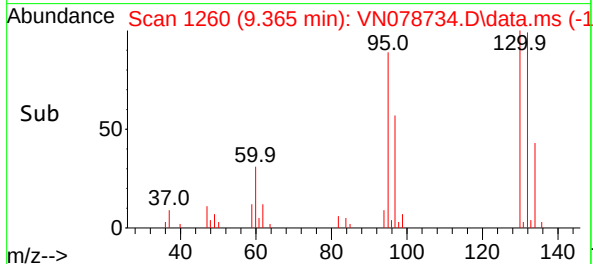
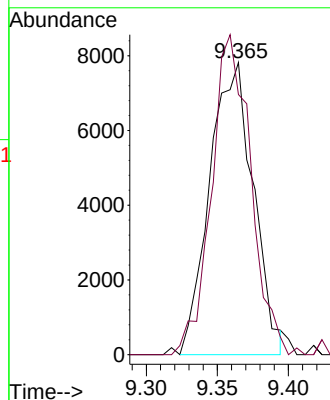
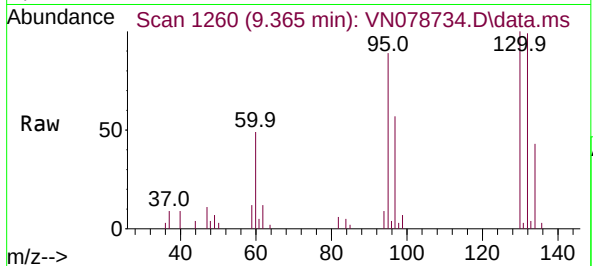
95 85.9 78.2 117.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#38

Methylcyclohexane

Concen: 2.388 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN078734.D

Acq: 02 Aug 2023 16:50

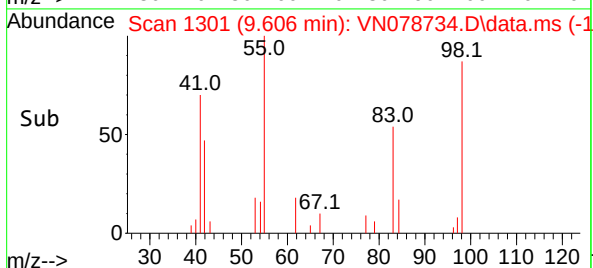
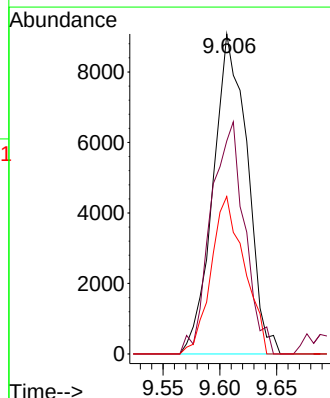
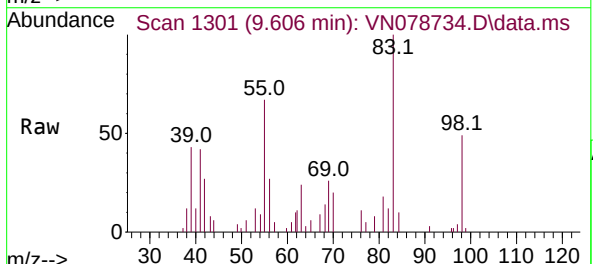
Tgt Ion: 83 Resp: 18962

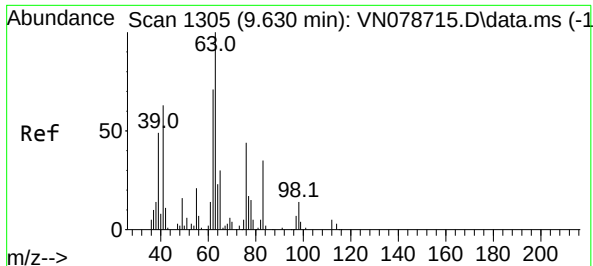
Ion Ratio Lower Upper

83 100

55 72.0 34.0 102.0

98 48.0 23.0 69.0





#39

1,2-Dichloropropane

Concen: 2.530 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078734.D

Acq: 02 Aug 2023 16:50

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 63 Resp: 15749

Ion Ratio Lower Upper

63 100

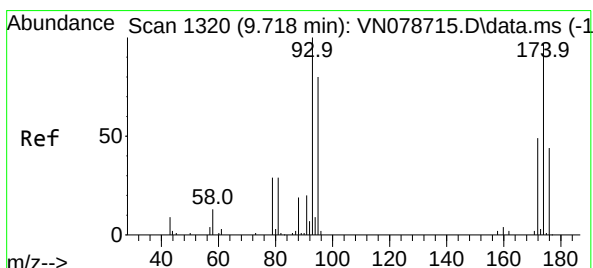
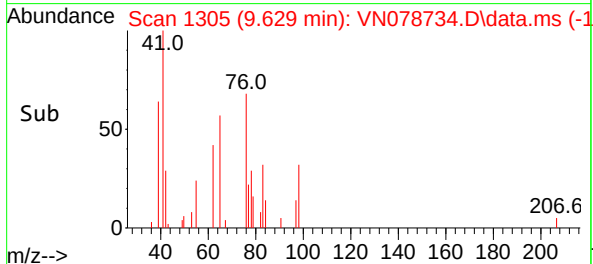
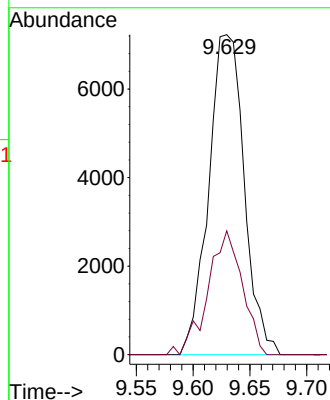
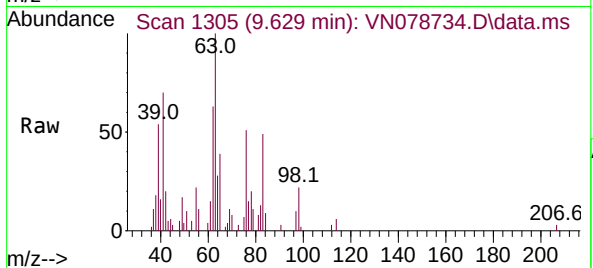
65 38.7 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#40

Dibromomethane

Concen: 2.721 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078734.D

Acq: 02 Aug 2023 16:50

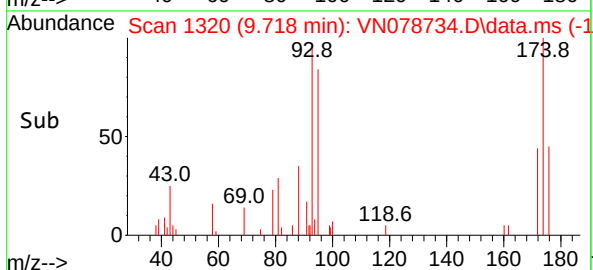
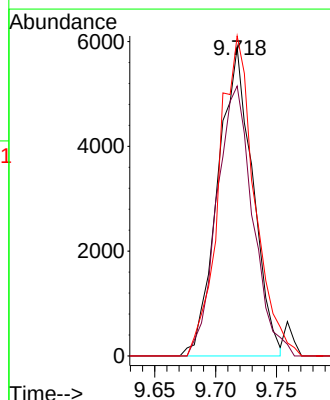
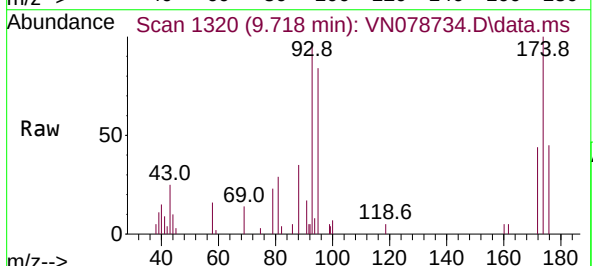
Tgt Ion: 93 Resp: 11723

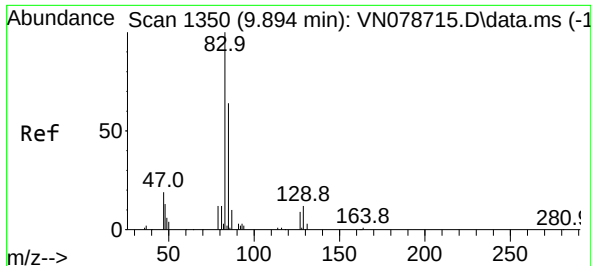
Ion Ratio Lower Upper

93 100

95 90.4 0.0 167.8

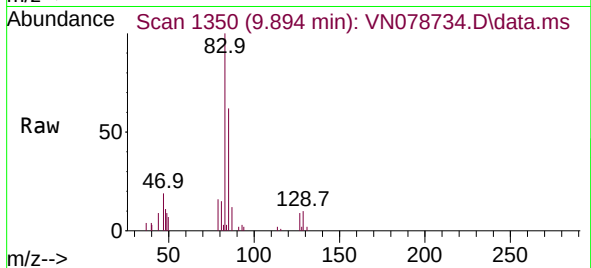
174 105.9 0.0 180.8





#41
Bromodichloromethane
Concen: 2.676 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

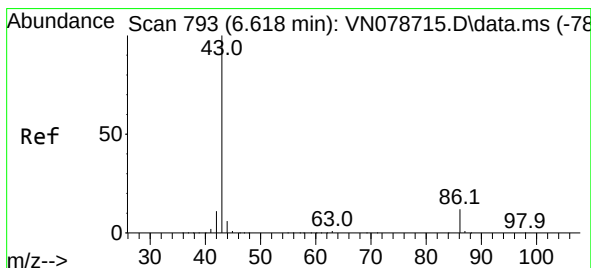
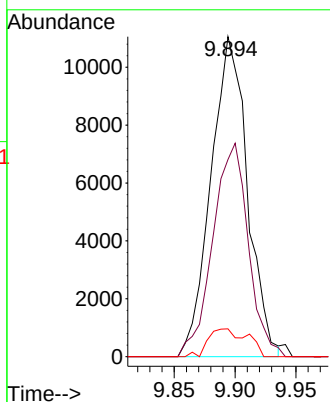
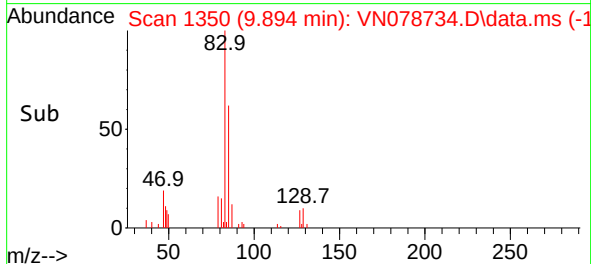
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 83 Resp: 23040
Ion Ratio Lower Upper
83 100
85 61.6 54.1 81.1
127 8.7 7.8 11.6

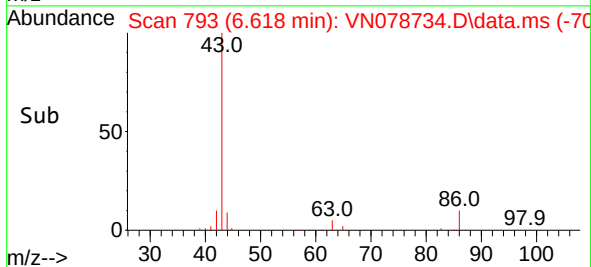
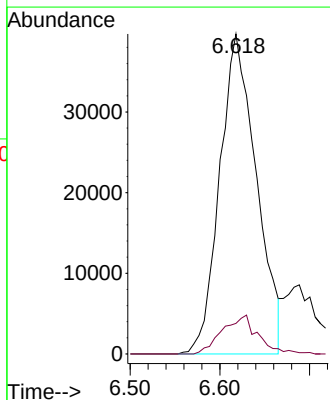
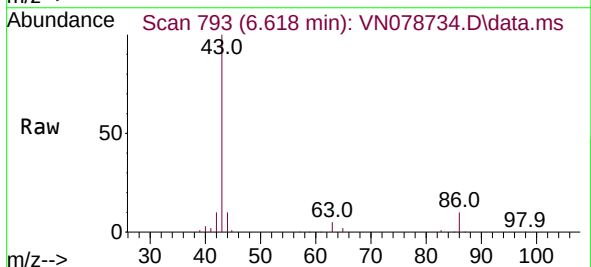
Manual Integrations
APPROVED

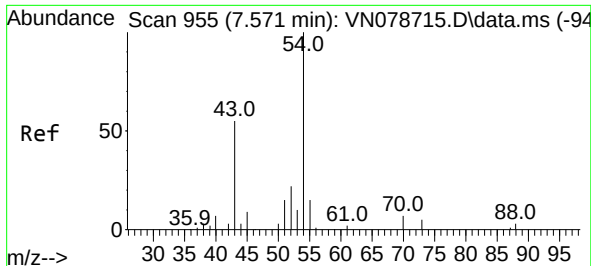
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#42
Vinyl Acetate
Concen: 11.451 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

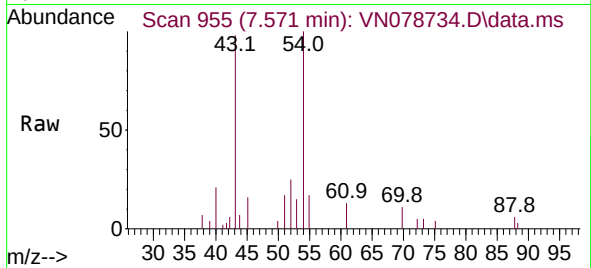
Tgt Ion: 43 Resp: 112492
Ion Ratio Lower Upper
43 100
86 11.4 9.4 14.0





#43
Ethyl Acetate
Concen: 2.904 ug/l
RT: 7.571 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

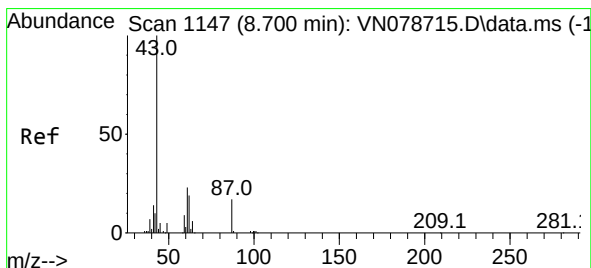
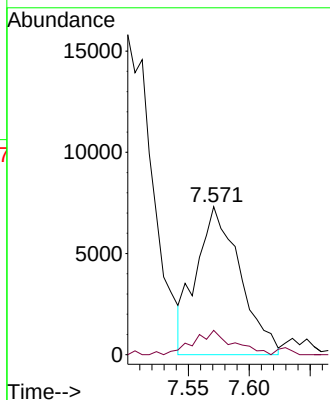
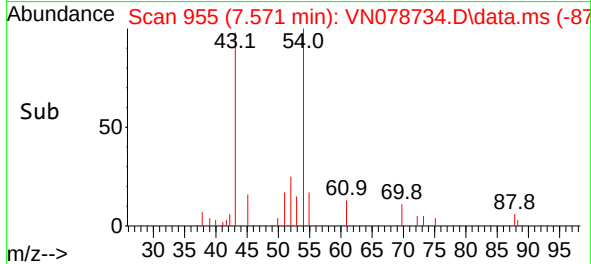
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



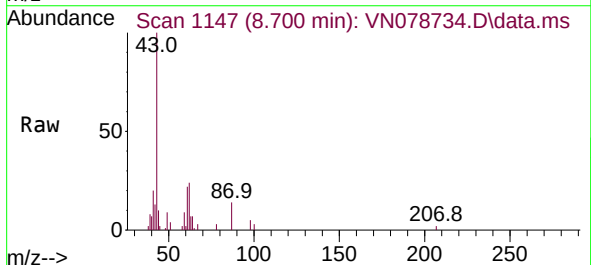
Tgt Ion: 43 Resp: 1834
Ion Ratio Lower Upper
43 100
45 11.0 10.9 16.3

Manual Integrations
APPROVED

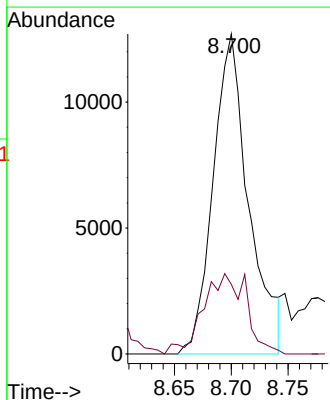
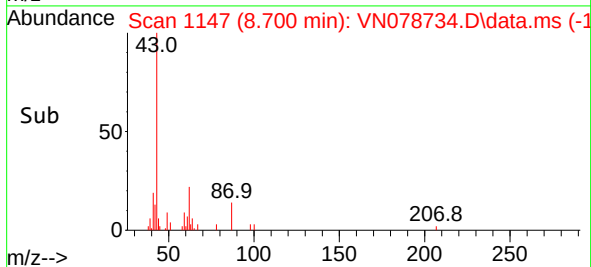
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

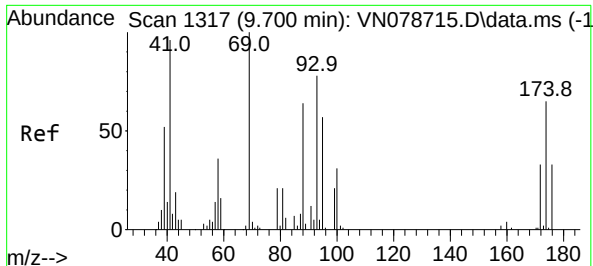


#44
Isopropyl Acetate
Concen: 2.495 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50



Tgt Ion: 43 Resp: 27650
Ion Ratio Lower Upper
43 100
61 22.2 23.0 34.6#





#45

1,4-Dioxane

Concen: 46.875 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN078734.D

Acq: 02 Aug 2023 16:50

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 88 Resp: 4779

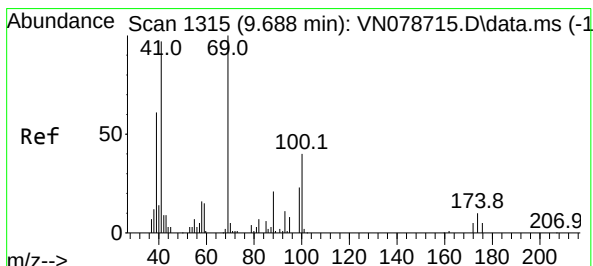
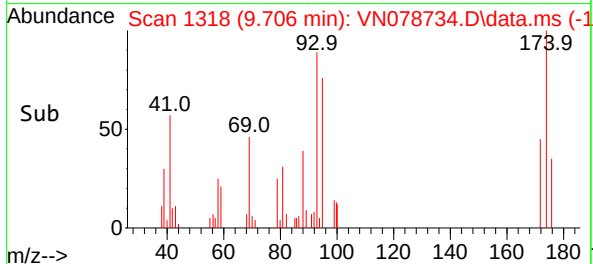
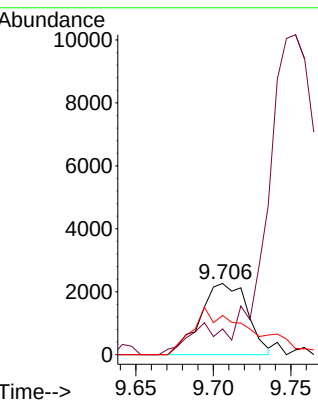
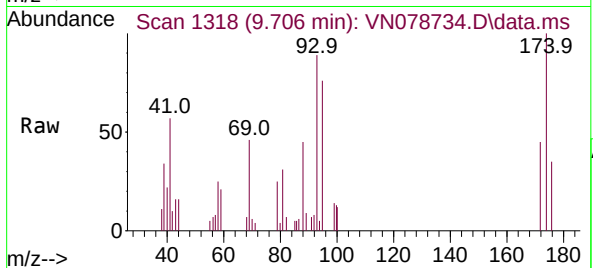
Ion	Ratio	Lower	Upper
88	100		
43	33.6	19.0	28.6
58	31.6	48.2	72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#46

Methyl methacrylate

Concen: 2.361 ug/l

RT: 9.694 min Scan# 1316

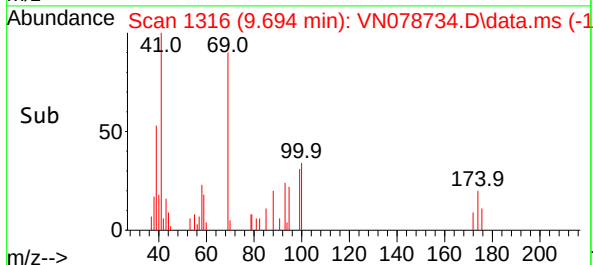
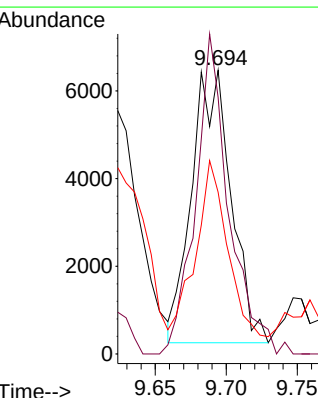
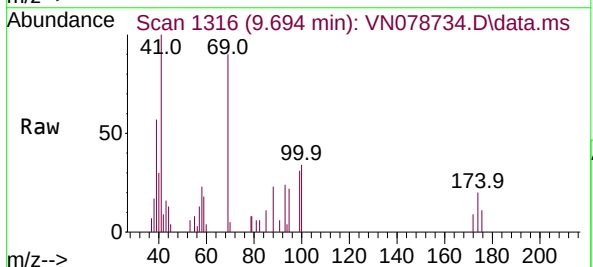
Delta R.T. 0.006 min

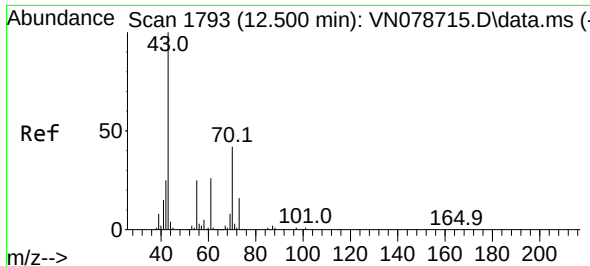
Lab File: VN078734.D

Acq: 02 Aug 2023 16:50

Tgt Ion: 41 Resp: 11983

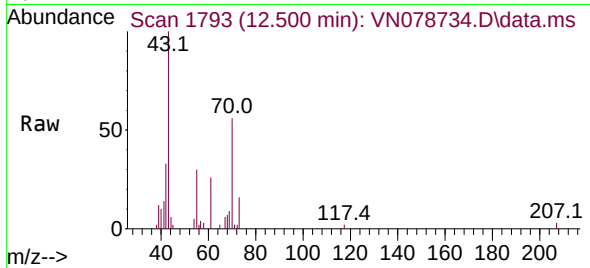
Ion	Ratio	Lower	Upper
41	100		
69	90.9	49.0	147.0
39	53.1	31.6	94.8





#47
n-amy1 Acetate
Concen: 1.934 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

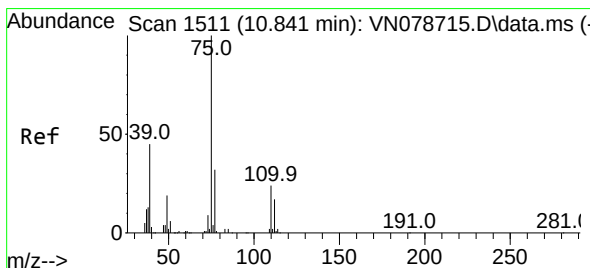
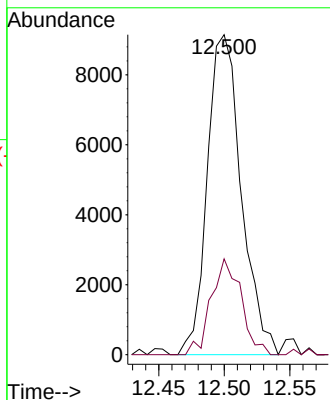
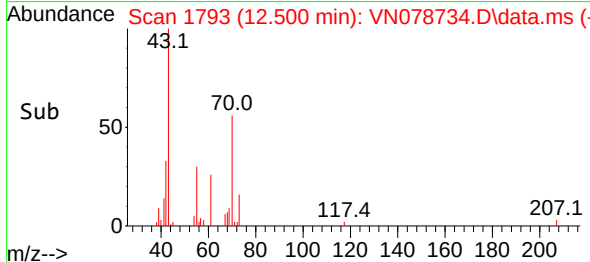
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



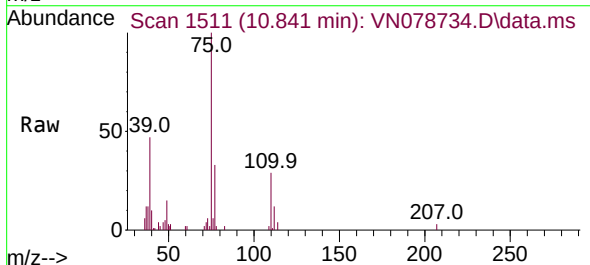
Tgt Ion: 43 Resp: 1651
Ion Ratio Lower Upper
43 100
55 25.2 21.5 32.3

Manual Integrations
APPROVED

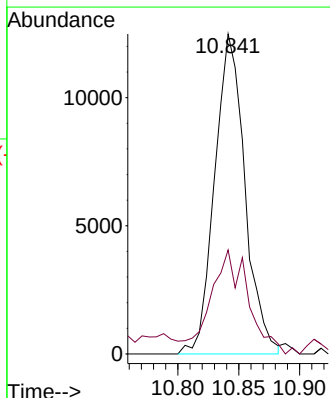
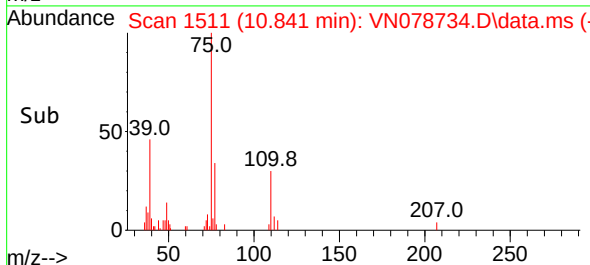
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

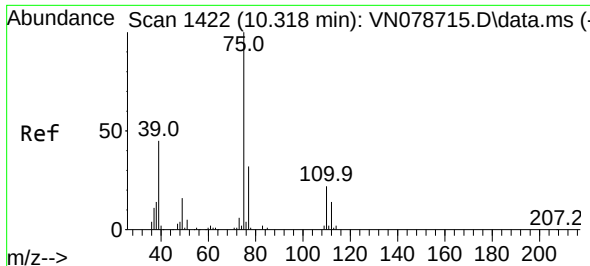


#48
t-1,3-Dichloropropene
Concen: 2.343 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50



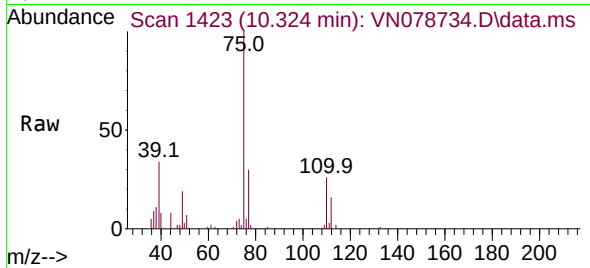
Tgt Ion: 75 Resp: 21538
Ion Ratio Lower Upper
75 100
77 29.4 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 2.518 ug/l
 RT: 10.324 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VN078734.D
 Acq: 02 Aug 2023 16:50

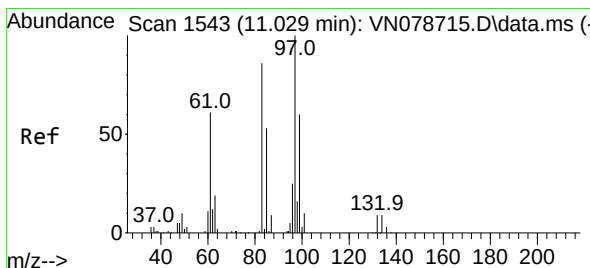
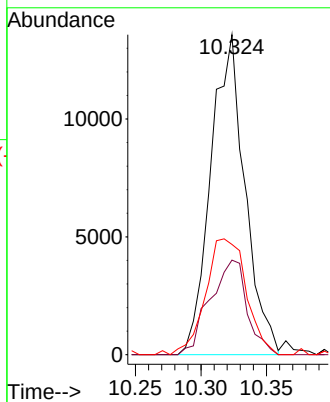
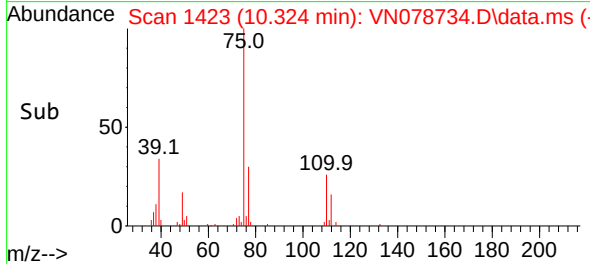
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 75 Resp: 2458
 Ion Ratio Lower Upper
 75 100
 77 29.5 24.0 36.0
 39 34.4 35.1 52.7

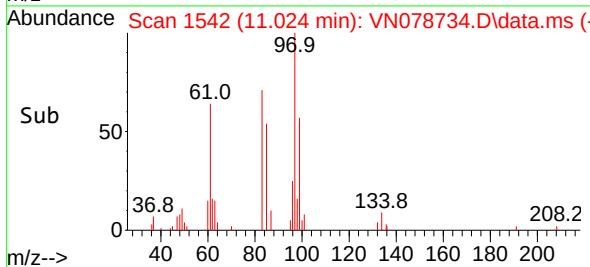
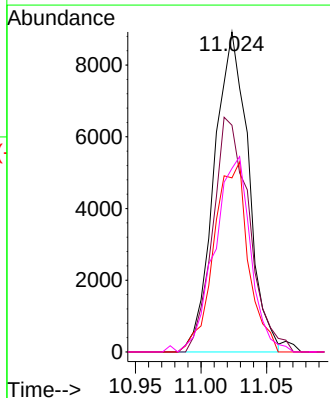
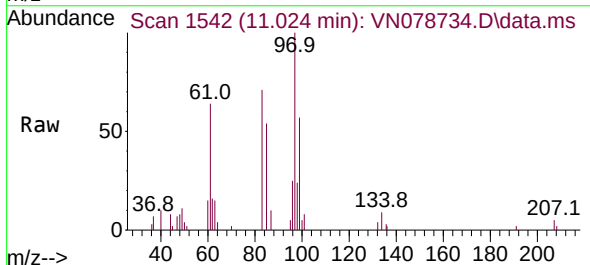
Manual Integrations
 APPROVED

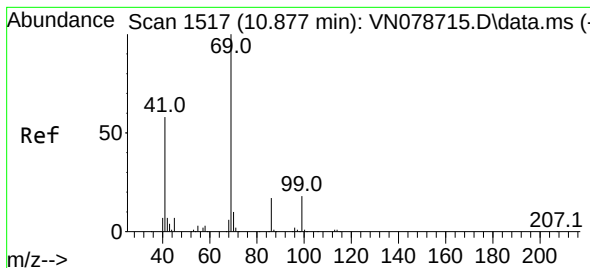
Reviewed By :John Carlone 08/03/2023
 Supervised By :Semsettin Yesilyurt 08/03/2023



#50
 1,1,2-Trichloroethane
 Concen: 2.657 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. -0.006 min
 Lab File: VN078734.D
 Acq: 02 Aug 2023 16:50

Tgt Ion: 97 Resp: 16202
 Ion Ratio Lower Upper
 97 100
 83 70.8 66.8 100.2
 85 54.4 42.5 63.7
 99 57.4 48.3 72.5





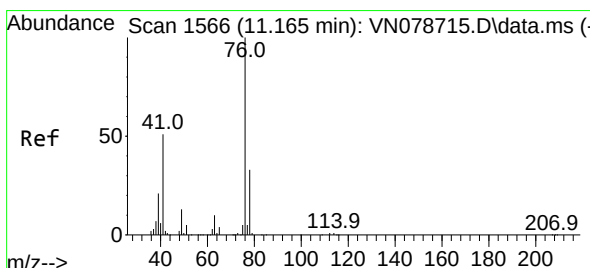
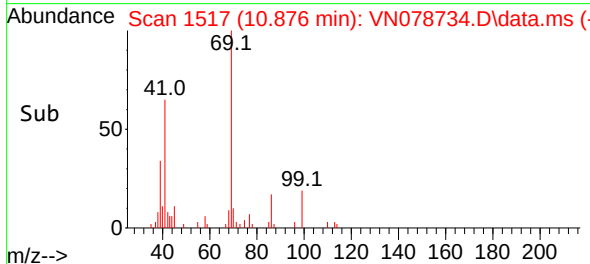
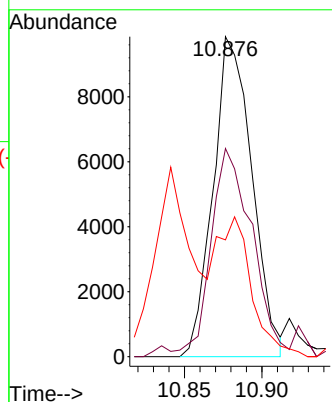
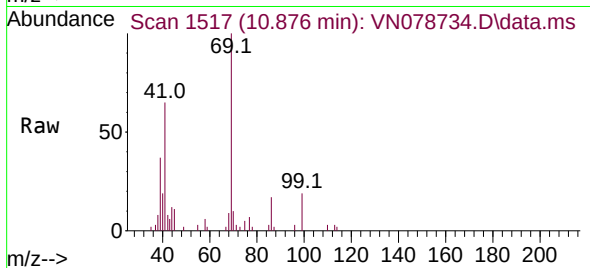
#51
Ethyl methacrylate
Concen: 2.056 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 69 Resp: 17169
Ion Ratio Lower Upper
69 100
41 63.0 26.0 78.0
39 33.2 16.3 48.9

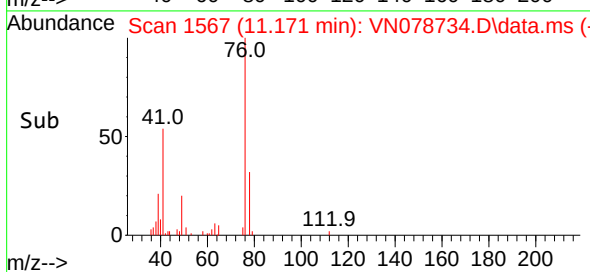
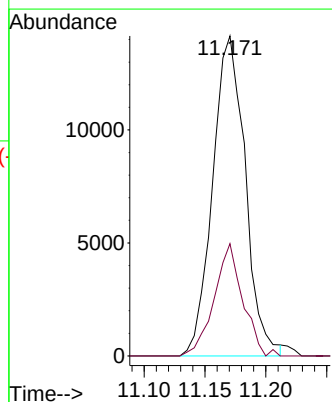
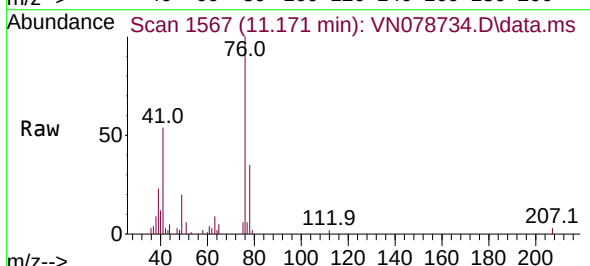
Manual Integrations
APPROVED

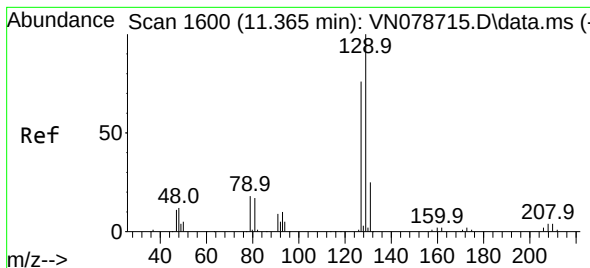
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#52
1,3-Dichloropropane
Concen: 2.406 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

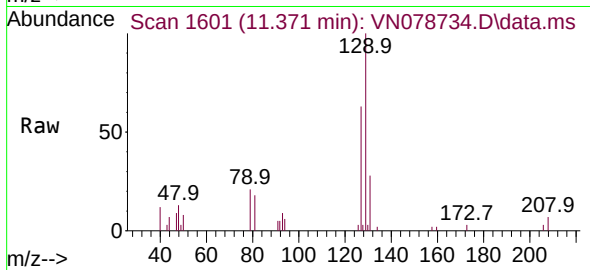
Tgt Ion: 76 Resp: 26370
Ion Ratio Lower Upper
76 100
78 30.4 0.0 66.2





#53
Dibromochloromethane
Concen: 2.420 ug/l
RT: 11.371 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

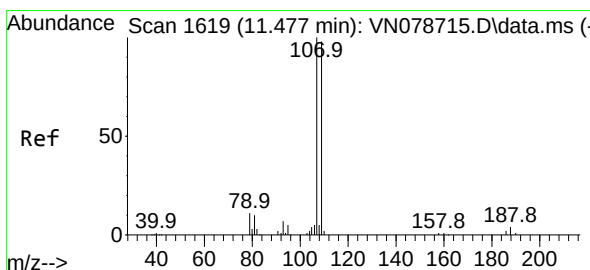
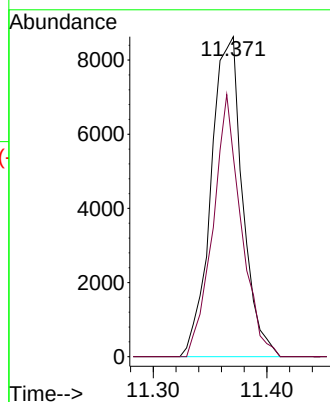
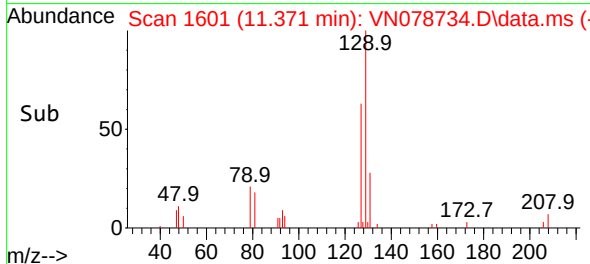
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



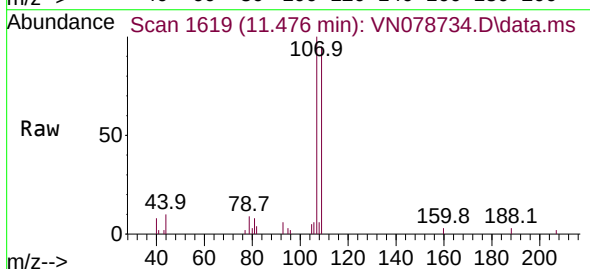
Tgt Ion:129 Resp: 1667
Ion Ratio Lower Upper
129 100
127 73.1 39.4 118.1

Manual Integrations
APPROVED

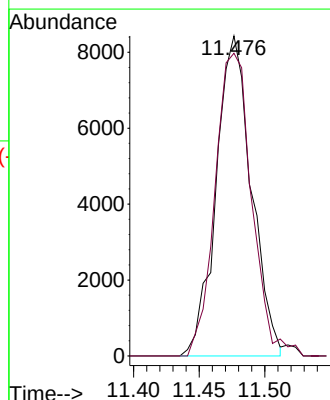
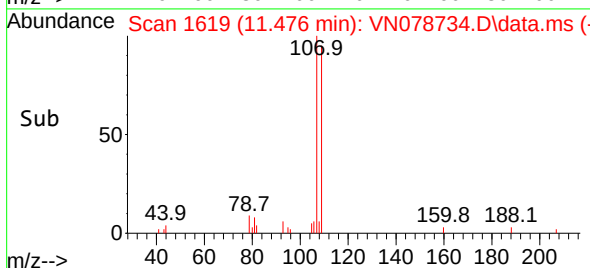
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

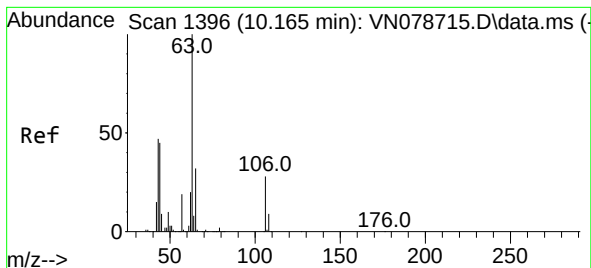


#54
1,2-Dibromoethane
Concen: 2.576 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50



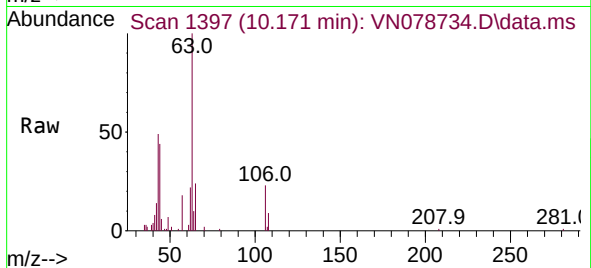
Tgt Ion:107 Resp: 15776
Ion Ratio Lower Upper
107 100
109 96.1 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 11.736 ug/l
RT: 10.171 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

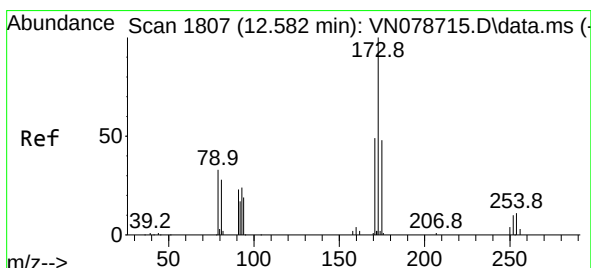
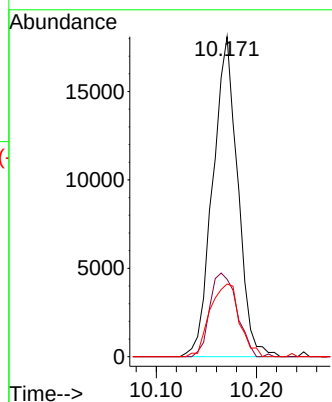
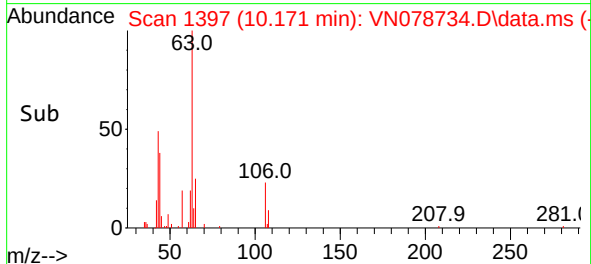
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 63 Resp: 3122
Ion Ratio Lower Upper
63 100
65 28.4 26.3 39.5
106 26.9 23.8 35.6

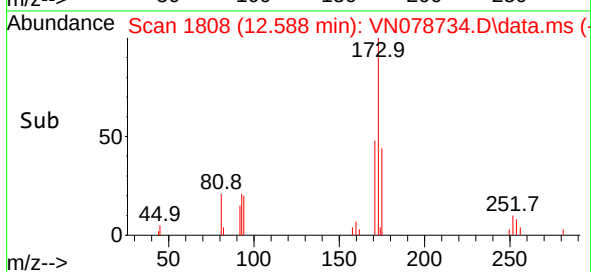
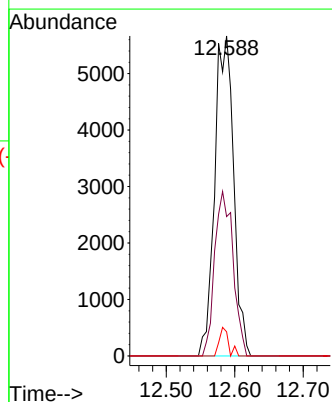
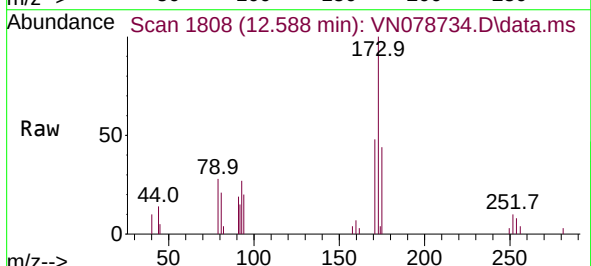
Manual Integrations
APPROVED

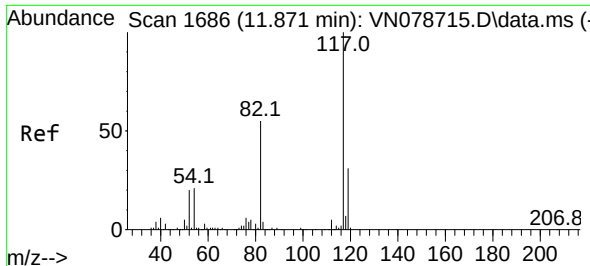
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#56
Bromoform
Concen: 2.408 ug/l m
RT: 12.588 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

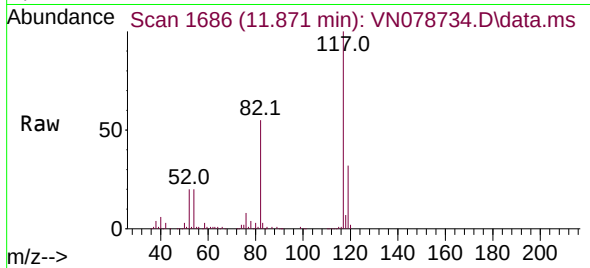
Tgt Ion:173 Resp: 10854
Ion Ratio Lower Upper
173 100
175 50.0 40.7 61.1
254 3.8 6.5 9.7#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

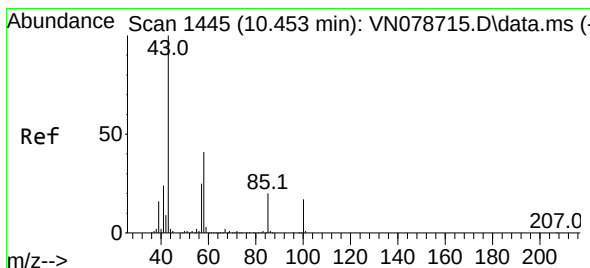
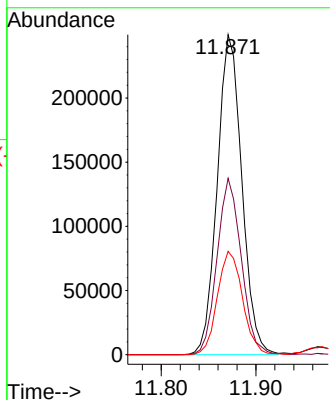
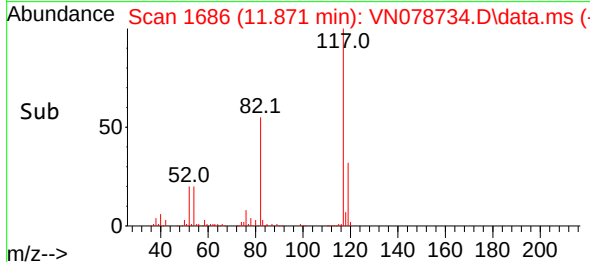
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 117 Resp: 450723
Ion Ratio Lower Upper
117 100
82 54.3 43.9 65.9
119 33.0 26.2 39.4

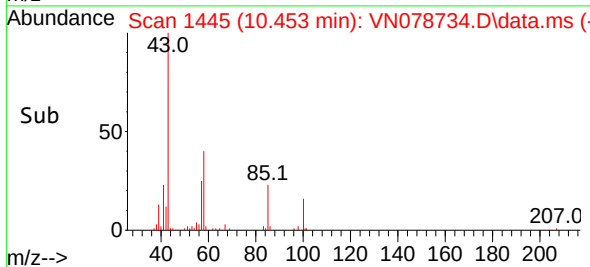
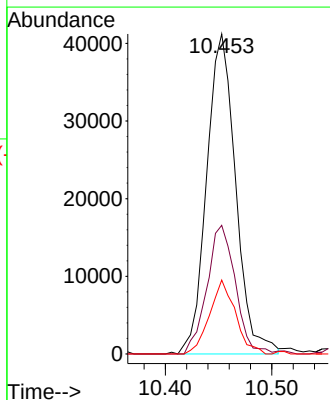
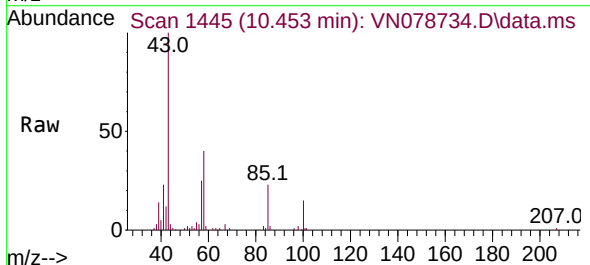
Manual Integrations
APPROVED

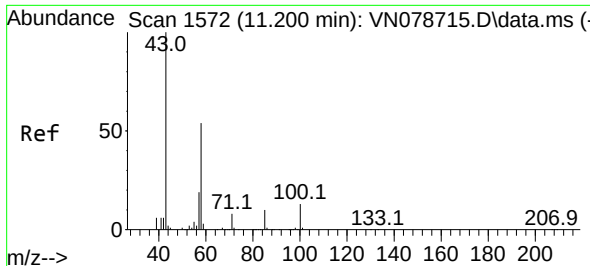
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#58
4-Methyl-2-Pentanone
Concen: 11.568 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

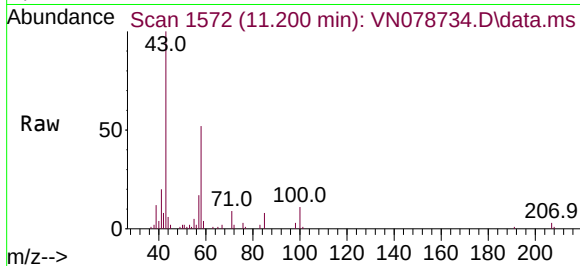
Tgt Ion: 43 Resp: 78045
Ion Ratio Lower Upper
43 100
58 38.9 32.6 48.8
85 20.6 16.2 24.2





#59
2-Hexanone
Concen: 10.300 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

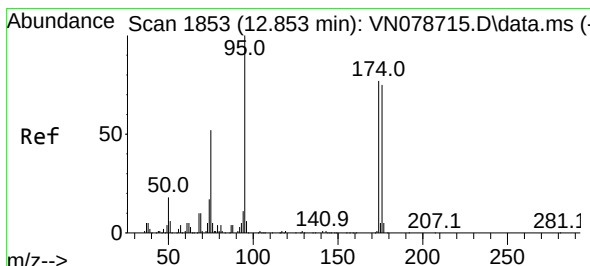
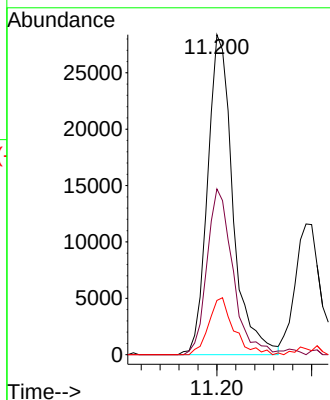
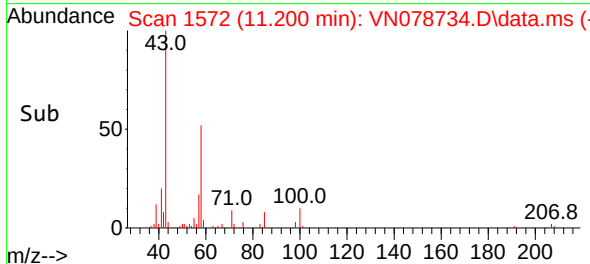
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 43 Resp: 52610
Ion Ratio Lower Upper
43 100
58 52.8 45.9 68.9
57 16.8 15.8 23.6

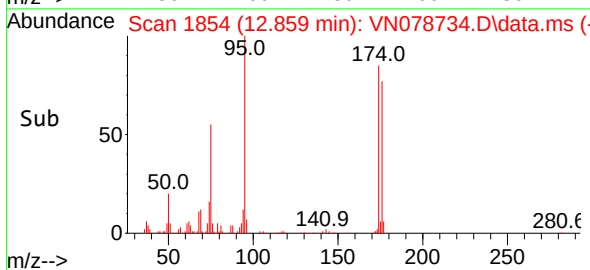
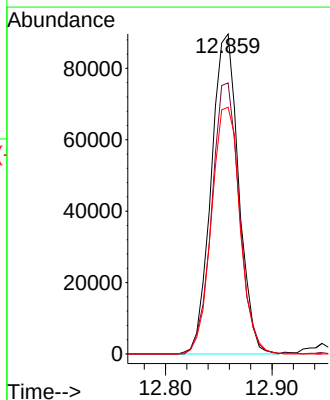
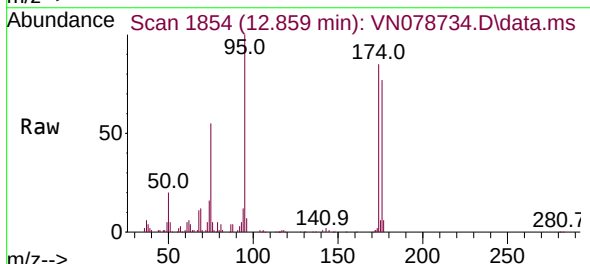
Manual Integrations
APPROVED

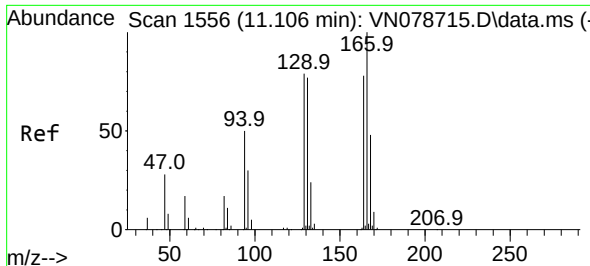
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#60
4-Bromofluorobenzene
Concen: 23.670 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

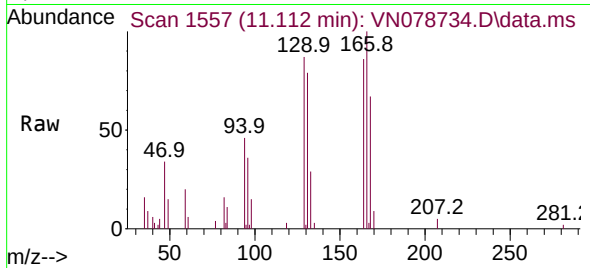
Tgt Ion: 95 Resp: 159883
Ion Ratio Lower Upper
95 100
174 84.7 61.7 92.5
176 80.3 58.1 87.1





#61
Tetrachloroethene
Concen: 2.526 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

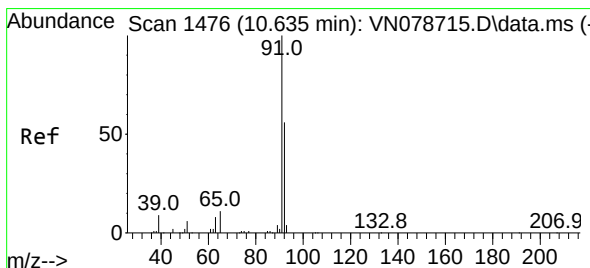
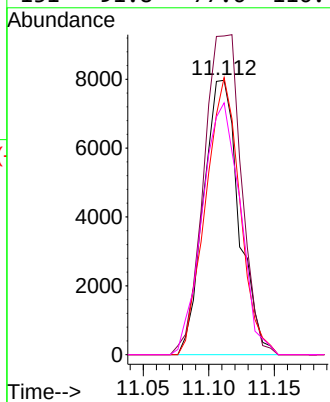
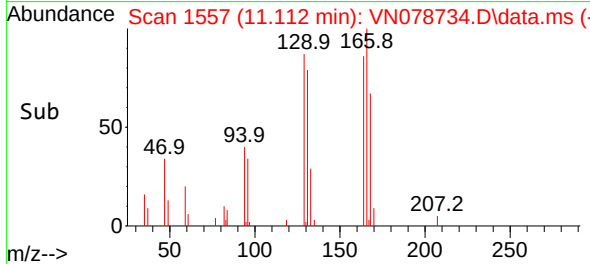
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



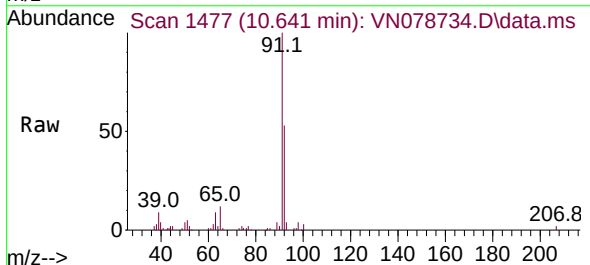
Tgt Ion:164 Resp: 1497
Ion Ratio Lower Upper
164 100
166 116.1 99.1 148.7
129 101.0 85.6 128.4
131 91.8 77.6 116.4

Manual Integrations
APPROVED

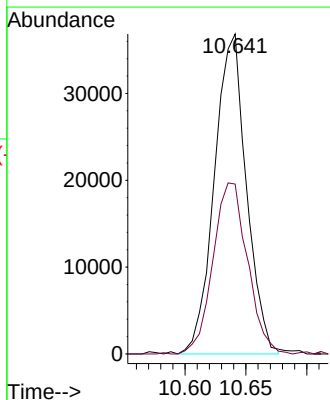
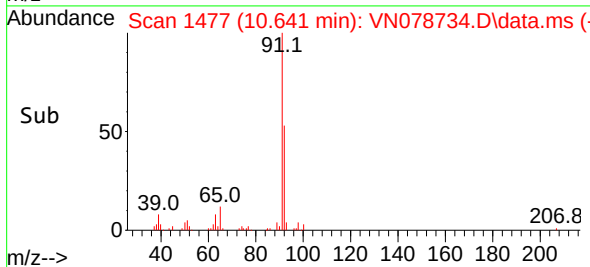
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

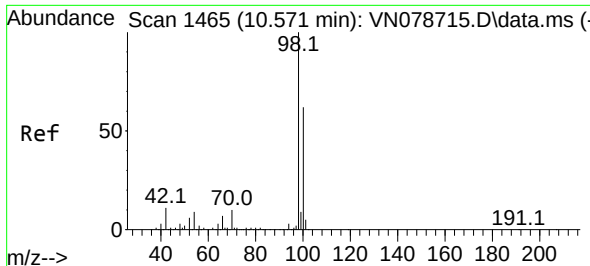


#62
Toluene
Concen: 2.484 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50



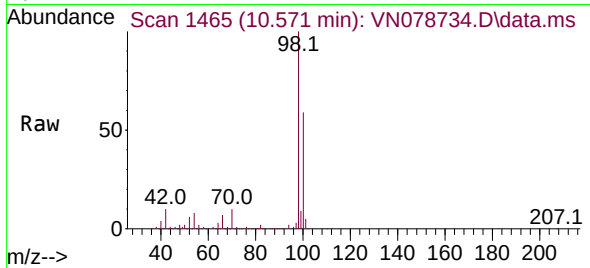
Tgt Ion: 91 Resp: 67344
Ion Ratio Lower Upper
91 100
92 57.7 45.2 67.8





#63
Toluene-d8
Concen: 29.988 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

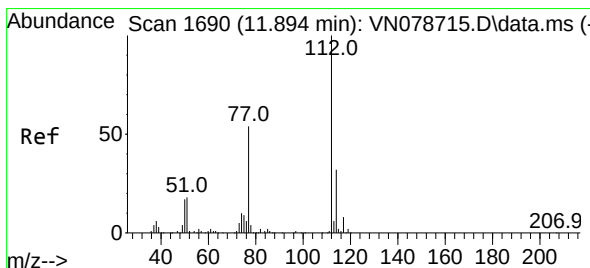
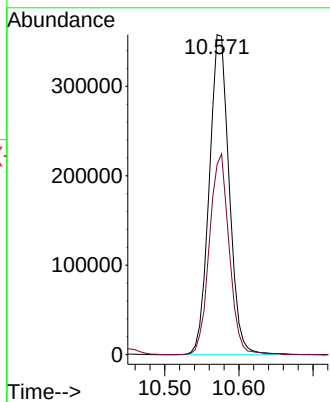
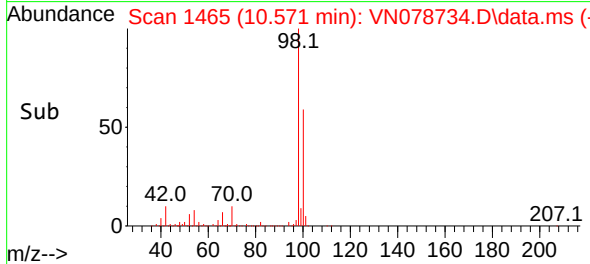
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 98 Resp: 667689
Ion Ratio Lower Upper
98 100
100 62.2 49.7 74.5

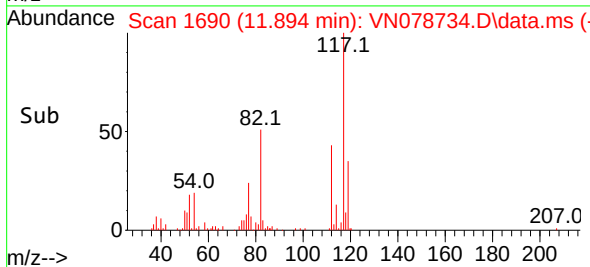
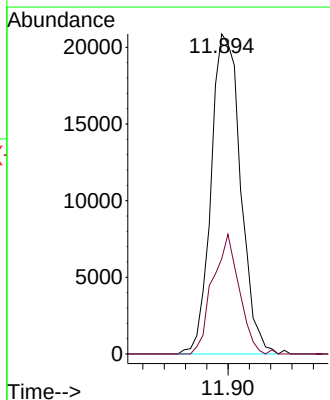
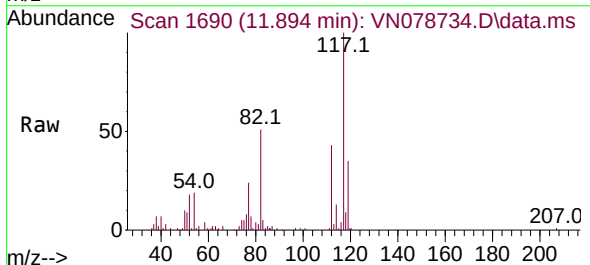
Manual Integrations
APPROVED

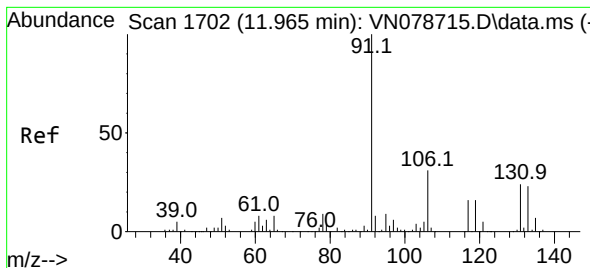
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#64
Chlorobenzene
Concen: 2.536 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Tgt Ion:112 Resp: 40136
Ion Ratio Lower Upper
112 100
114 29.7 25.9 38.9





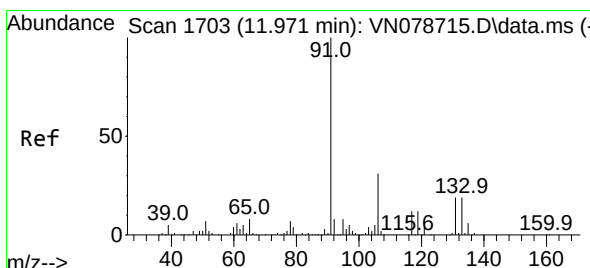
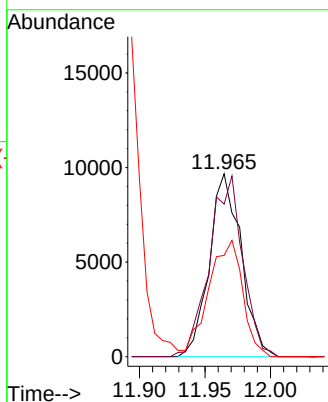
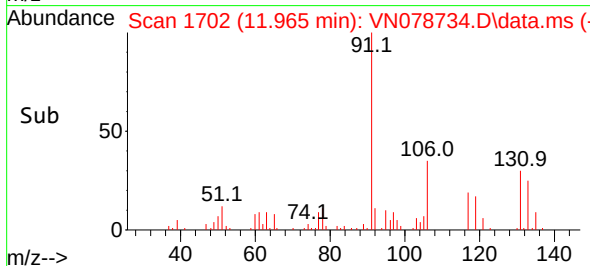
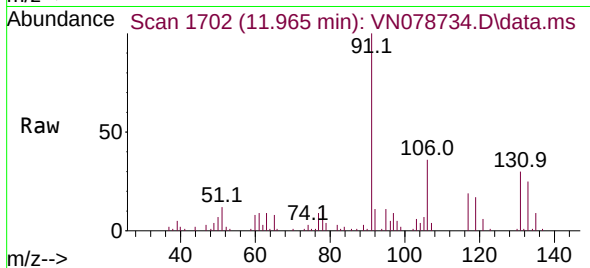
#65
1,1,1,2-Tetrachloroethane
Concen: 2.614 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion:131 Resp: 16320
Ion Ratio Lower Upper
131 100
133 103.4 0.0 191.8
119 68.3 0.0 132.0

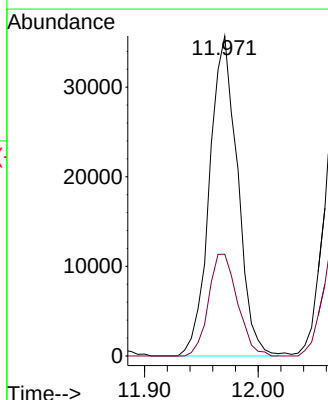
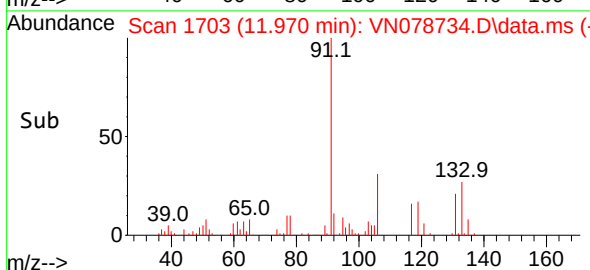
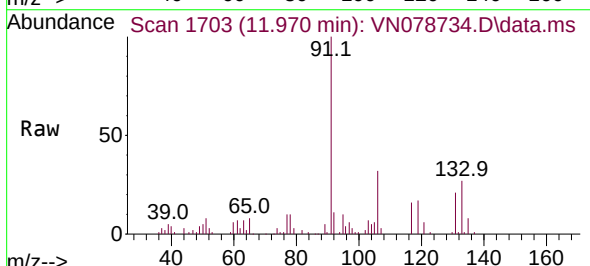
Manual Integrations
APPROVED

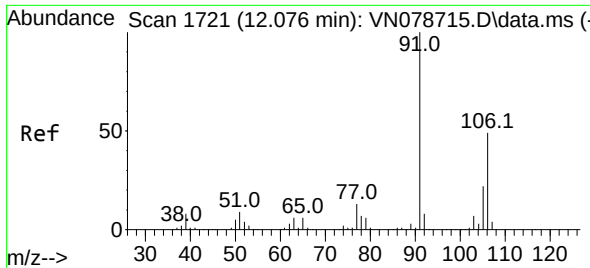
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#66
Ethyl Benzene
Concen: 2.240 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Tgt Ion: 91 Resp: 61206
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4





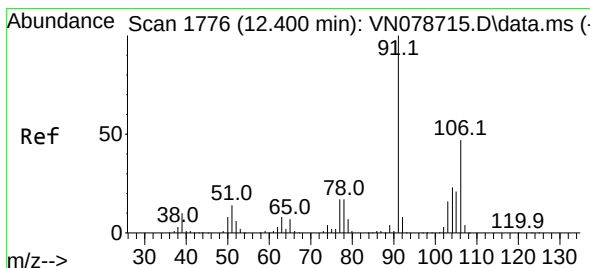
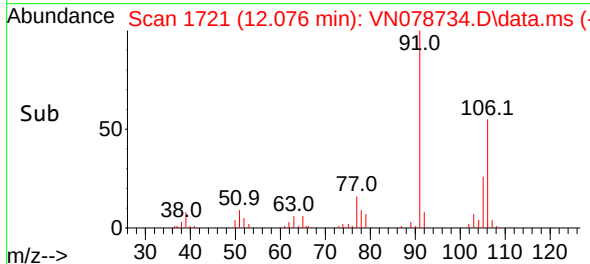
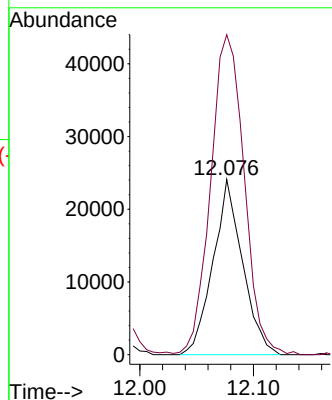
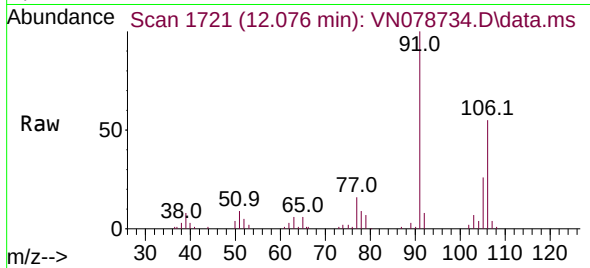
#67
m/p-Xylenes
Concen: 4.184 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion:106 Resp: 4367
Ion Ratio Lower Upper
106 100
91 206.8 162.5 243.7

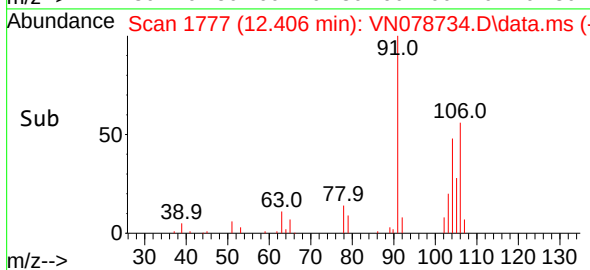
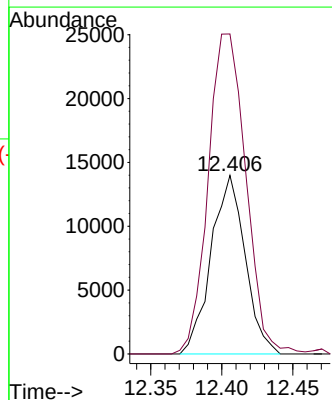
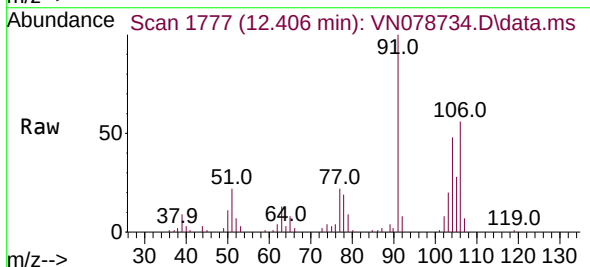
Manual Integrations
APPROVED

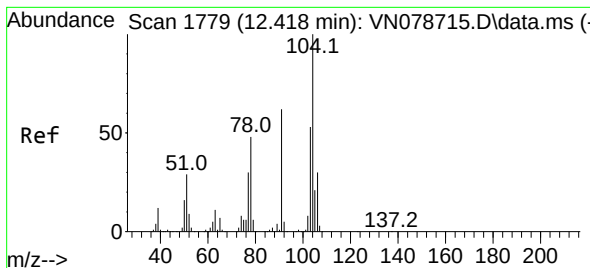
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#68
o-Xylene
Concen: 2.193 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Tgt Ion:106 Resp: 23287
Ion Ratio Lower Upper
106 100
91 198.7 106.1 318.3





#69

Styrene

Concen: 1.819 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078734.D

Acq: 02 Aug 2023 16:50

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

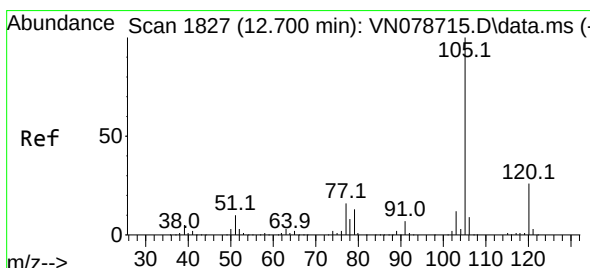
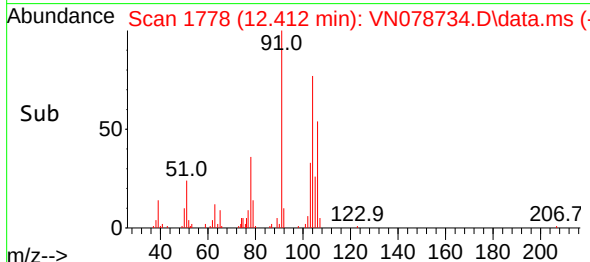
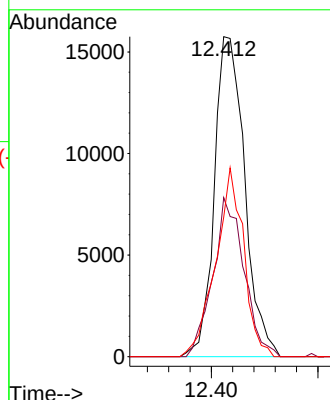
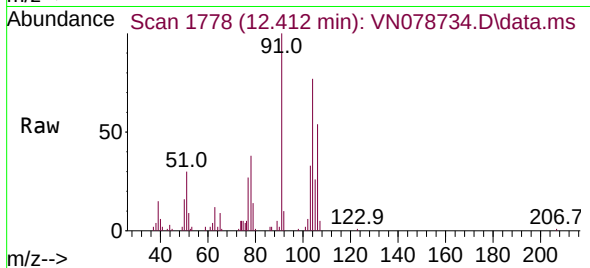
Tgt Ion:104	Resp:	3108
Ion Ratio	Lower	Upper
104	100	
78	51.1	40.1 60.1
103	54.5	45.1 67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/03/2023

Supervised By :Semsettin Yesilyurt 08/03/2023



#70

Isopropylbenzene

Concen: 2.040 ug/l

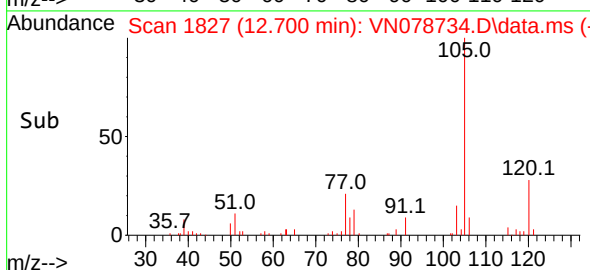
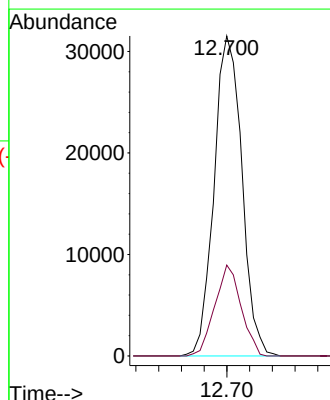
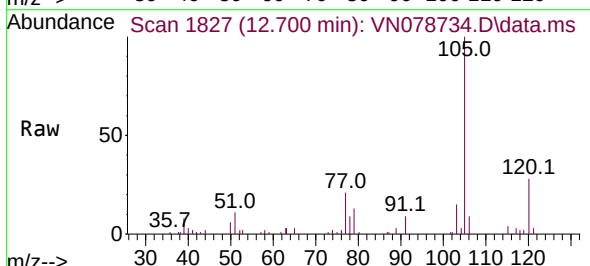
RT: 12.700 min Scan# 1827

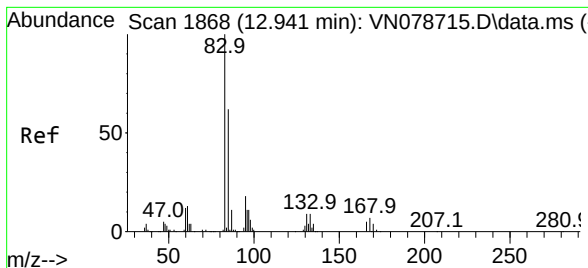
Delta R.T. -0.000 min

Lab File: VN078734.D

Acq: 02 Aug 2023 16:50

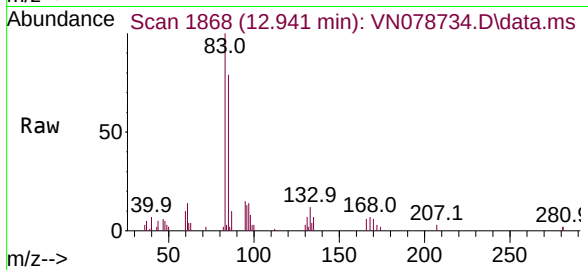
Tgt Ion:105	Resp:	53605
Ion Ratio	Lower	Upper
105	100	
120	26.9	18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 2.329 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

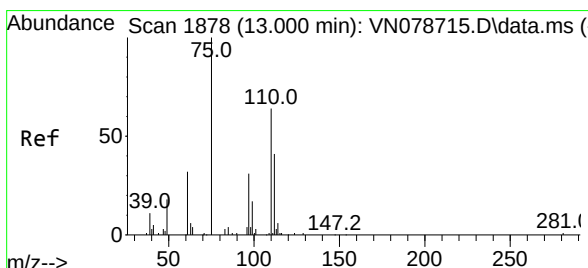
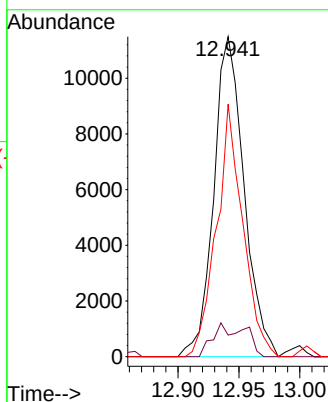
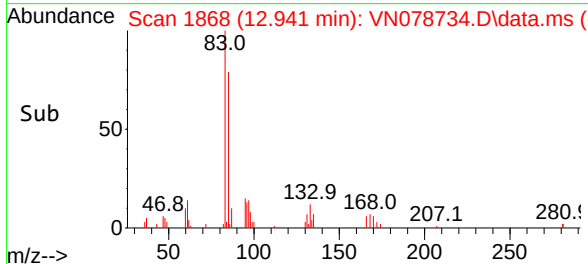
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 83 Resp: 19878
Ion Ratio Lower Upper
83 100
131 5.6 4.8 14.4
85 68.7 32.6 98.0

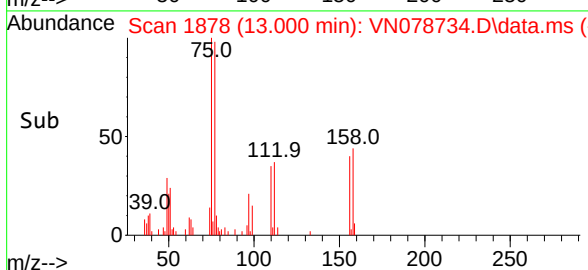
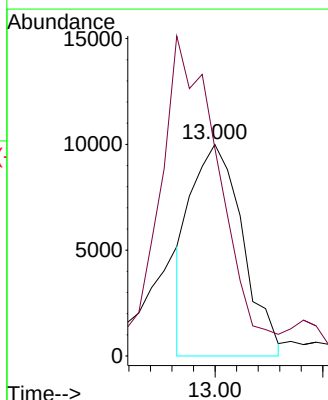
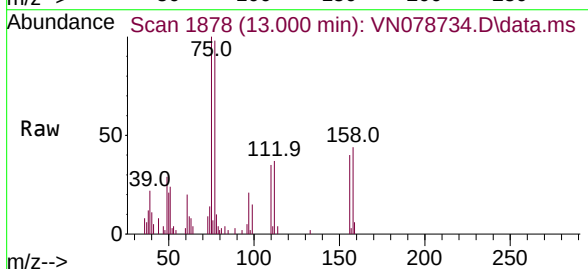
Manual Integrations
APPROVED

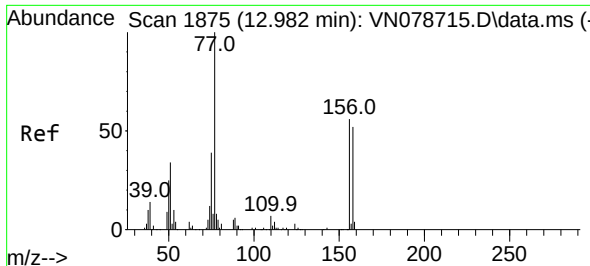
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#72
1,2,3-Trichloropropane
Concen: 2.334 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Tgt Ion: 75 Resp: 16707
Ion Ratio Lower Upper
75 100
77 175.1 0.0 387.4





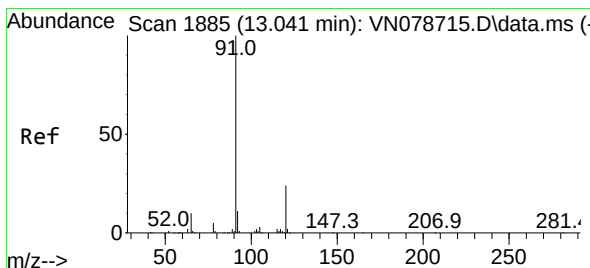
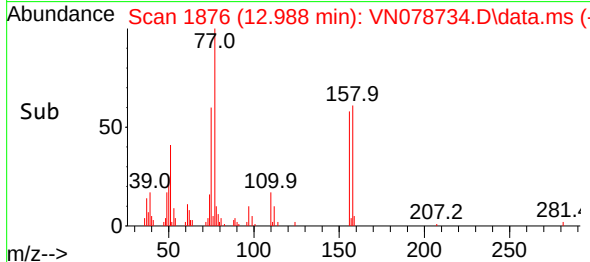
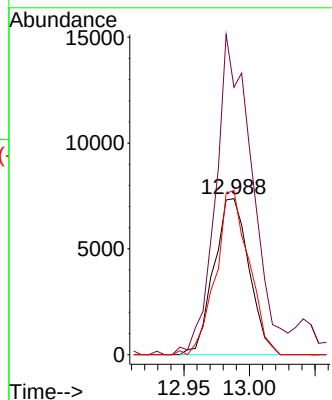
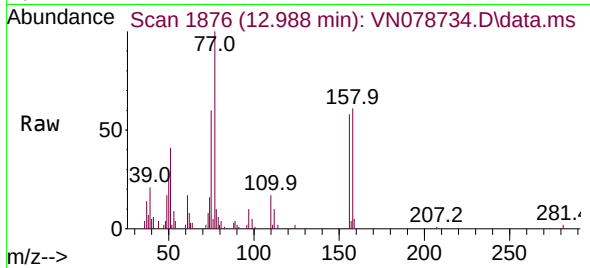
#73
Bromobenzene
Concen: 2.127 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion	Ratio	Lower	Upper
156	100		
77	213.6	0.0	420.8
158	99.2	0.0	193.2

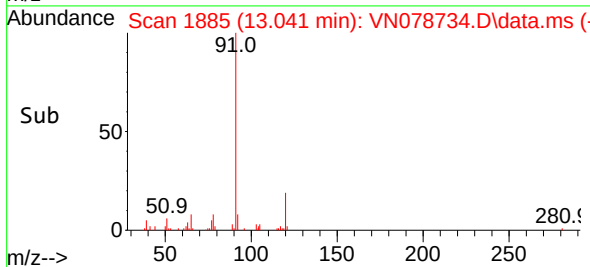
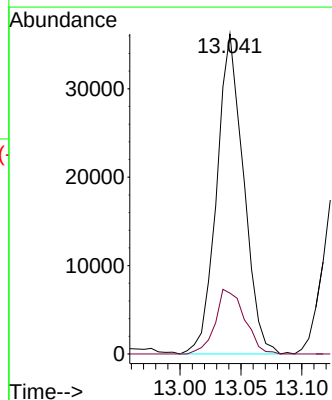
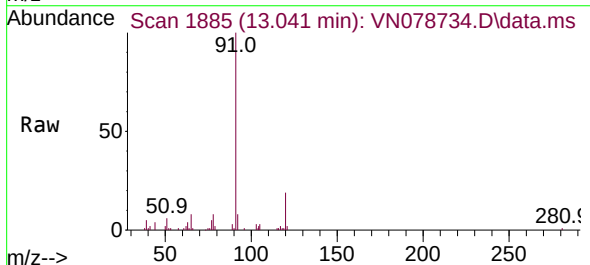
Manual Integrations
APPROVED

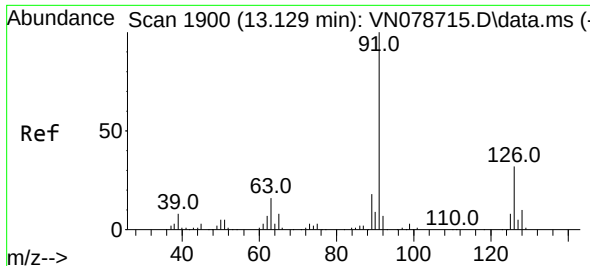
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#74
n-propylbenzene
Concen: 1.910 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	0.0	44.6





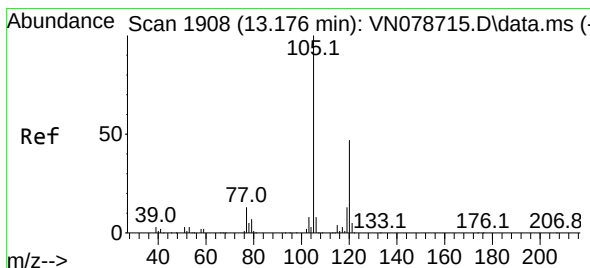
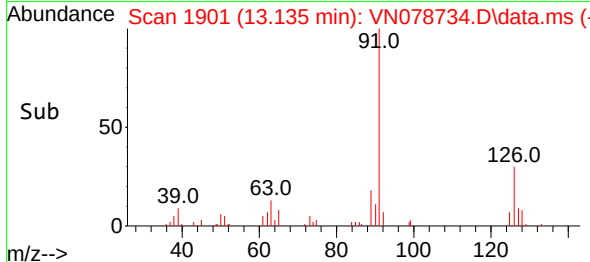
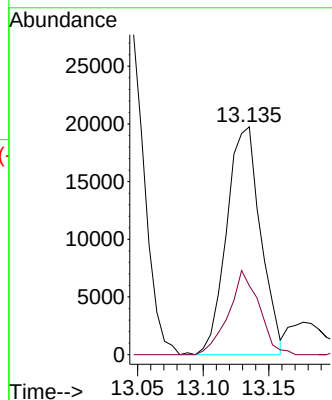
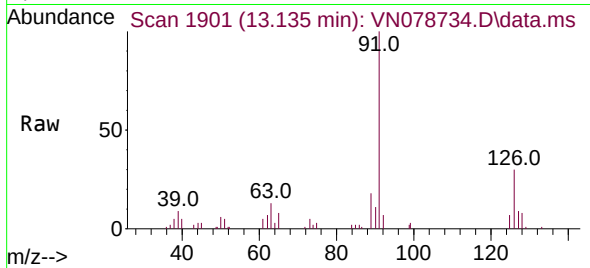
#75
2-Chlorotoluene
Concen: 1.772 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 91 Resp: 3564
Ion Ratio Lower Upper
91 100
126 33.2 0.0 67.2

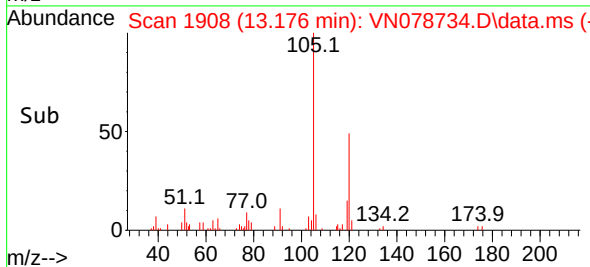
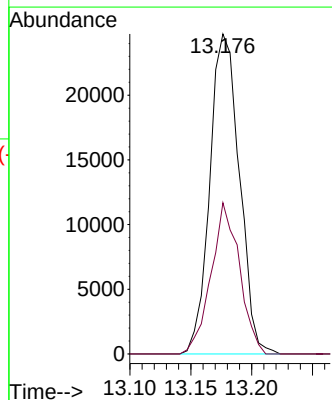
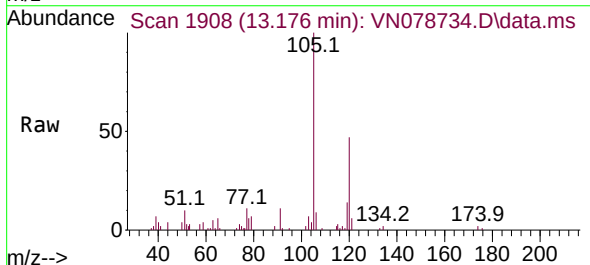
Manual Integrations
APPROVED

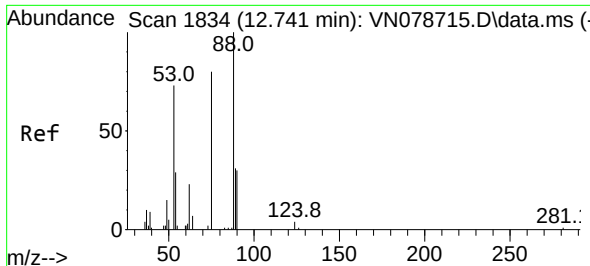
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#76
1,3,5-Trimethylbenzene
Concen: 1.781 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

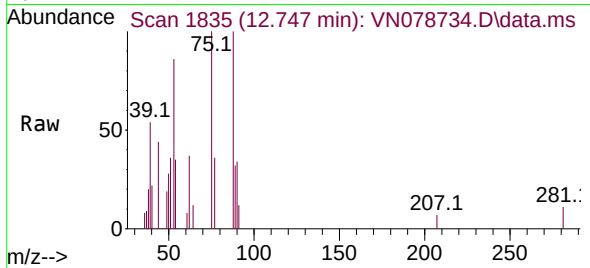
Tgt Ion:105 Resp: 41771
Ion Ratio Lower Upper
105 100
120 45.3 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 2.047 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

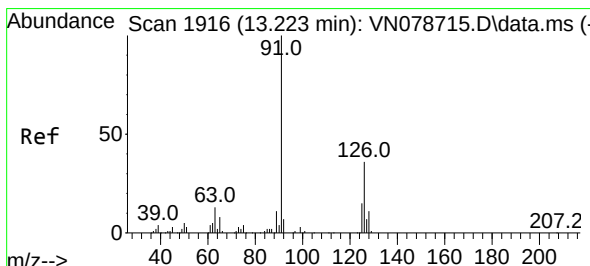
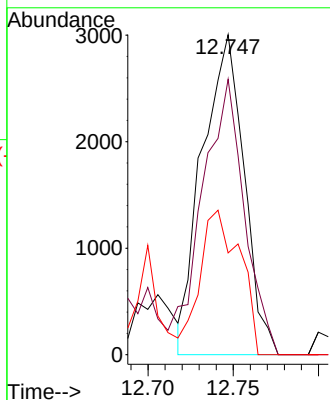
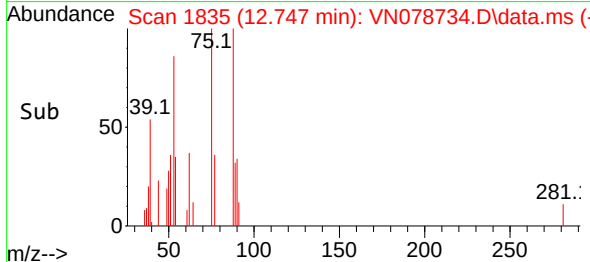
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 75 Resp: 512
Ion Ratio Lower Upper
75 100
53 86.1 41.6 124.9
89 31.8 25.1 75.4

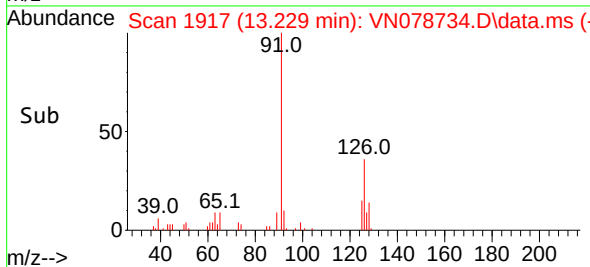
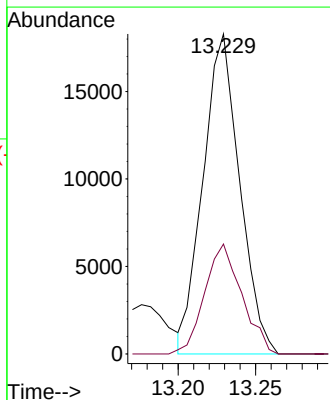
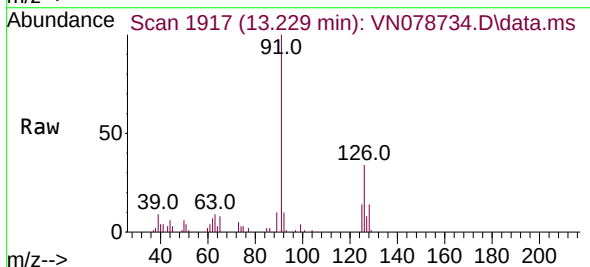
Manual Integrations
APPROVED

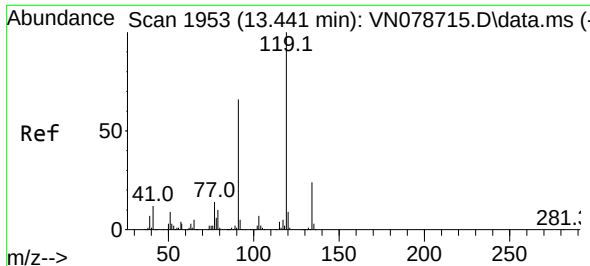
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#78
4-Chlorotoluene
Concen: 1.547 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

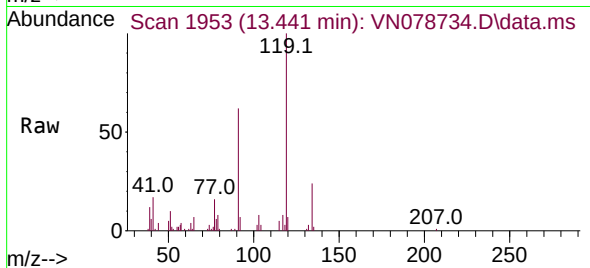
Tgt Ion: 91 Resp: 30033
Ion Ratio Lower Upper
91 100
126 34.8 0.0 68.8





#79
tert-butylbenzene
Concen: 1.807 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

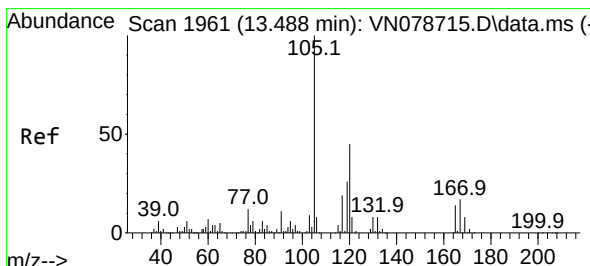
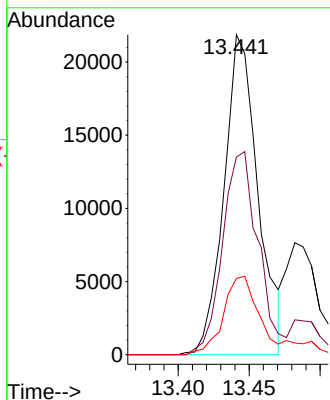
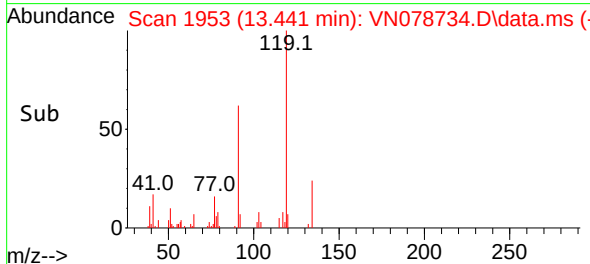
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



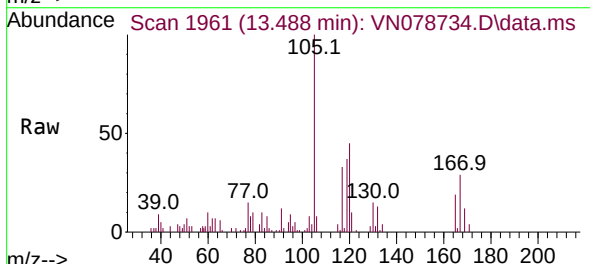
Tgt Ion:119 Resp: 36470
Ion Ratio Lower Upper
119 100
91 66.8 0.0 126.6
134 25.0 0.0 44.0

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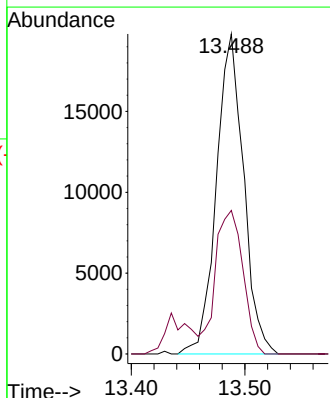
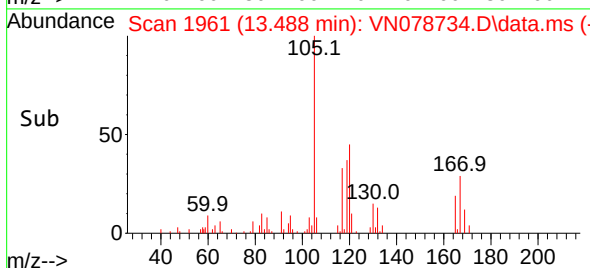
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023

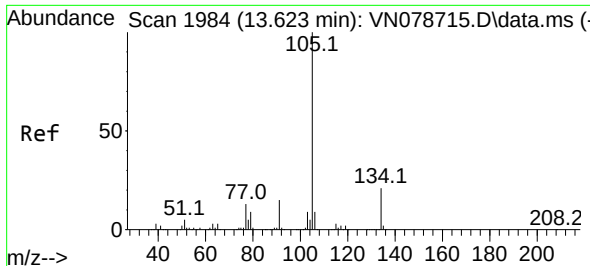


#80
1,2,4-Trimethylbenzene
Concen: 1.469 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50



Tgt Ion:105 Resp: 32908
Ion Ratio Lower Upper
105 100
120 45.5 0.0 88.2





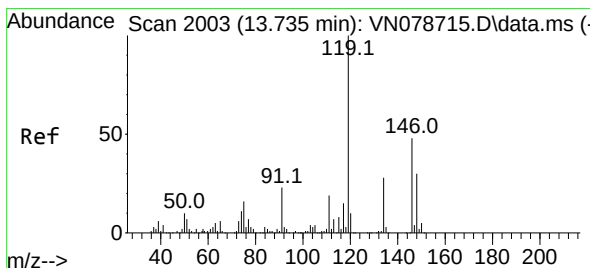
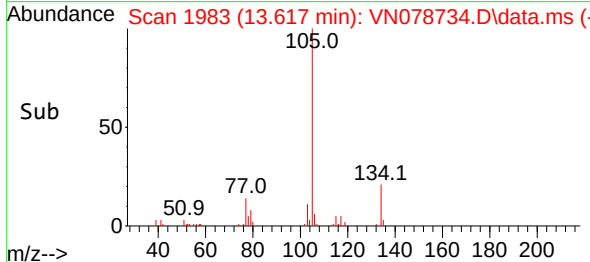
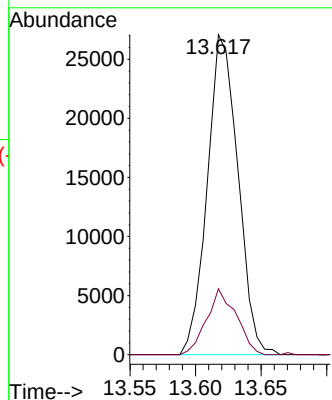
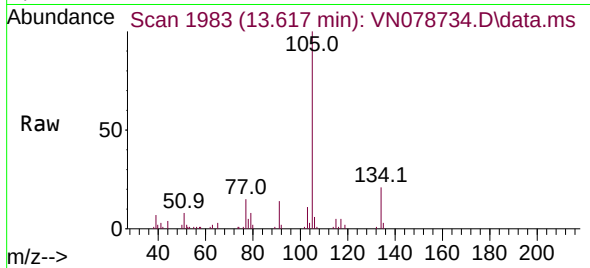
#81
 sec-Butylbenzene
 Concen: 1.705 ug/l
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN078734.D
 Acq: 02 Aug 2023 16:50

Instrument : MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Tgt Ion:105 Resp: 44109
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 38.6

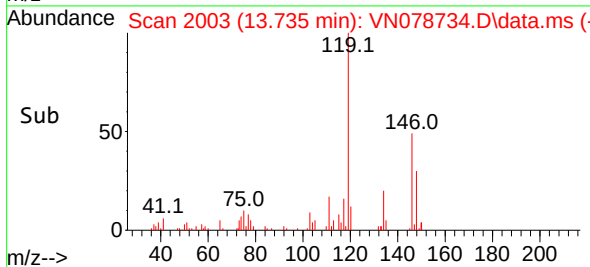
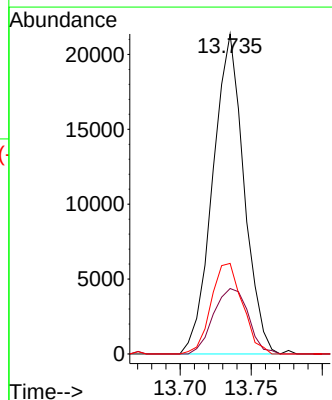
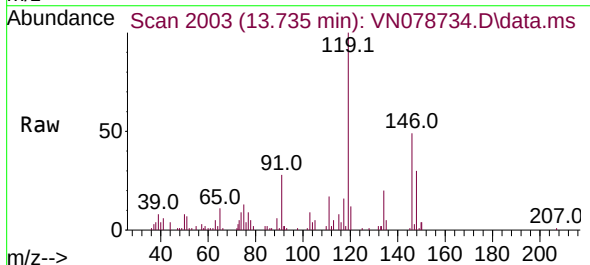
Manual Integrations
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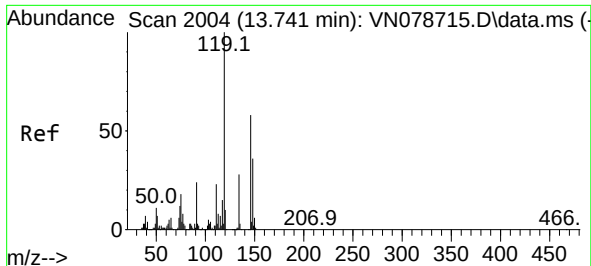
Reviewed By :John Carlone 08/03/2023
 Supervised By :Semsettin Yesilyurt 08/03/2023



#82
 p-Isopropyltoluene
 Concen: 1.534 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078734.D
 Acq: 02 Aug 2023 16:50

Tgt Ion:119 Resp: 32584
 Ion Ratio Lower Upper
 119 100
 134 22.9 0.0 52.4
 91 28.5 0.0 48.2





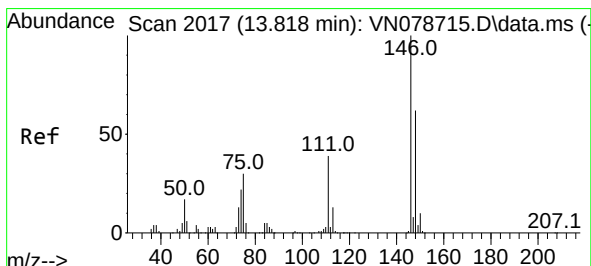
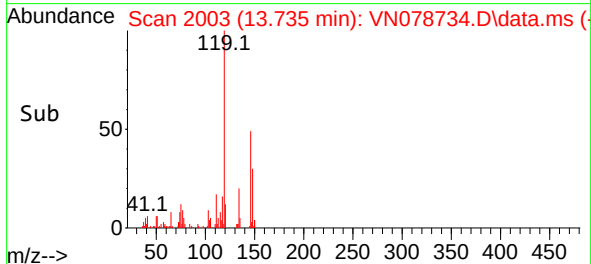
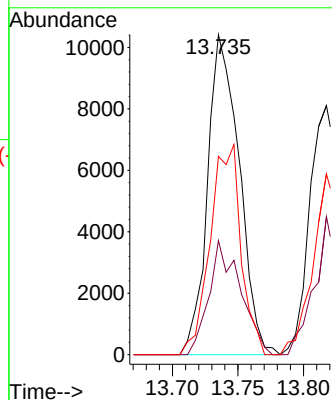
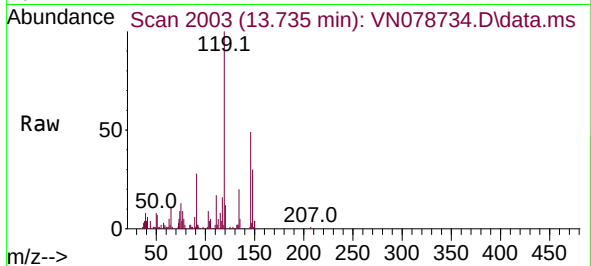
#83
1,3-Dichlorobenzene
Concen: 1.533 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion:146 Resp: 17504
Ion Ratio Lower Upper
146 100
111 35.5 21.6 64.6
148 63.7 31.9 95.5

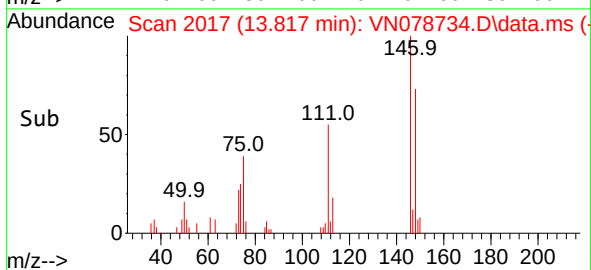
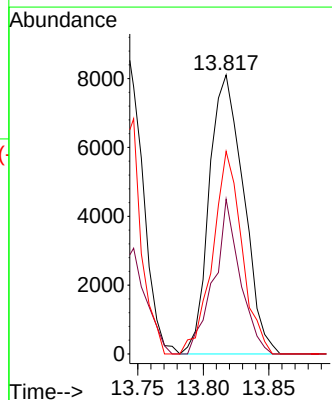
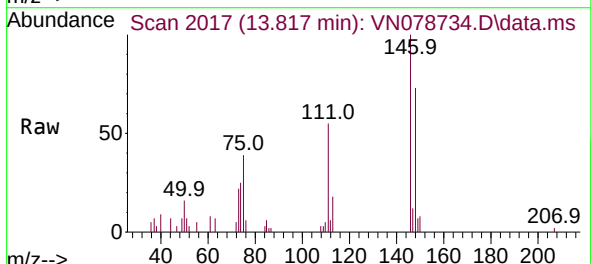
Manual Integrations
APPROVED

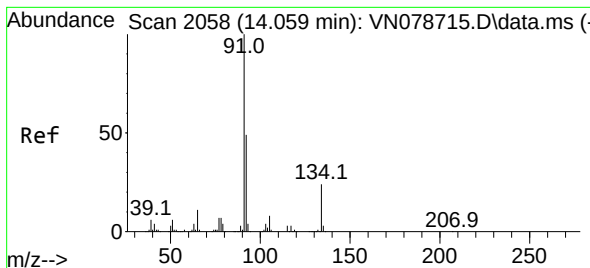
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#84
1,4-Dichlorobenzene
Concen: 1.379 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Tgt Ion:146 Resp: 14742
Ion Ratio Lower Upper
146 100
111 42.1 19.4 58.2
148 61.9 31.4 94.3





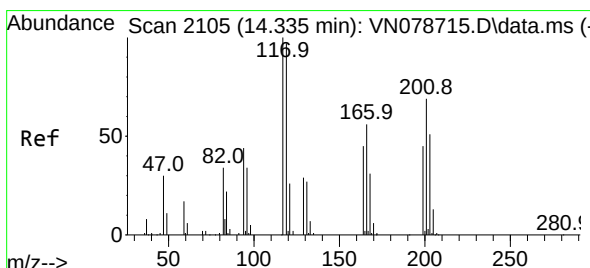
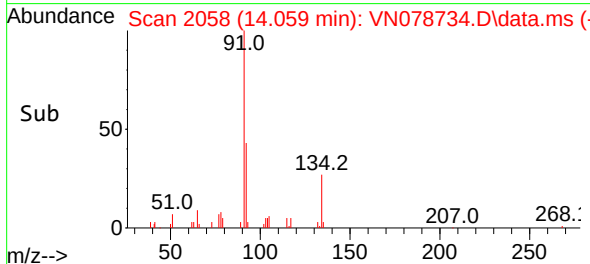
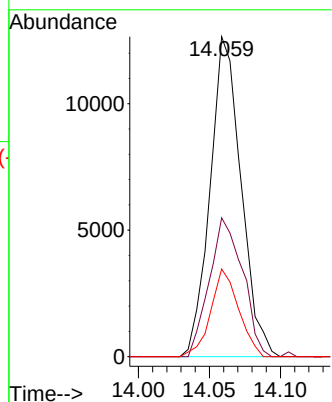
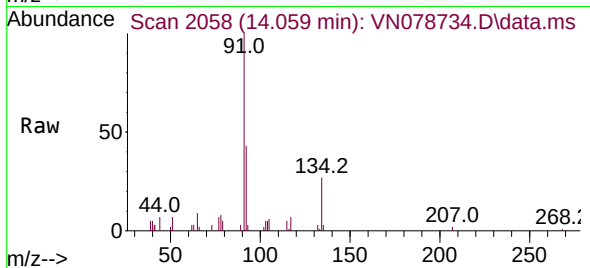
#85
n-Butylbenzene
Concen: 1.303 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 91 Resp: 19189
Ion Ratio Lower Upper
91 100
92 46.6 0.0 99.6
134 24.7 0.0 50.0

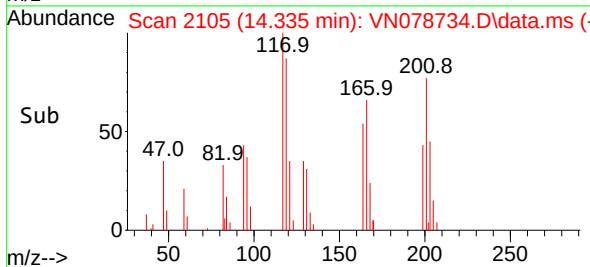
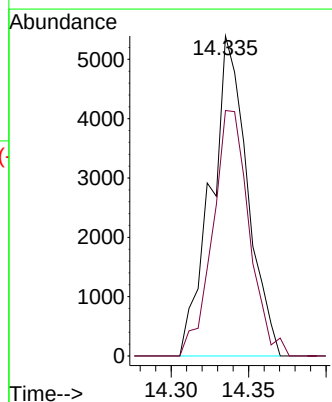
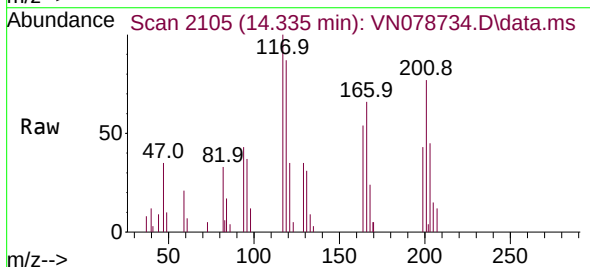
Manual Integrations
APPROVED

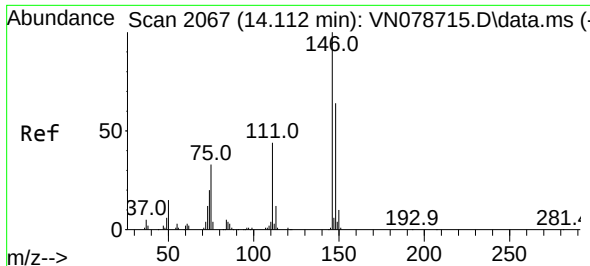
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#86
Hexachloroethane
Concen: 2.275 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

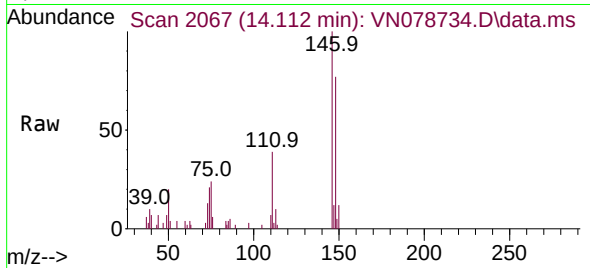
Tgt Ion:117 Resp: 8808
Ion Ratio Lower Upper
117 100
201 76.7 34.2 102.6





#87
 1,2-Dichlorobenzene
 Concen: 1.662 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. -0.000 min
 Lab File: VN078734.D
 Acq: 02 Aug 2023 16:50

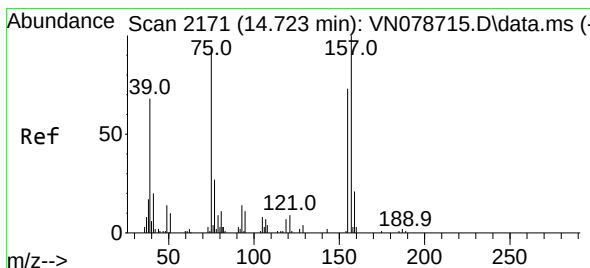
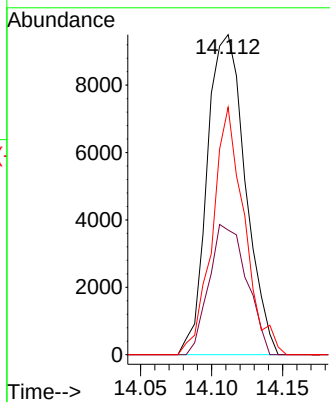
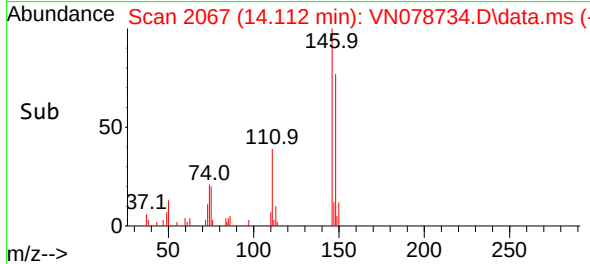
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT3-2023



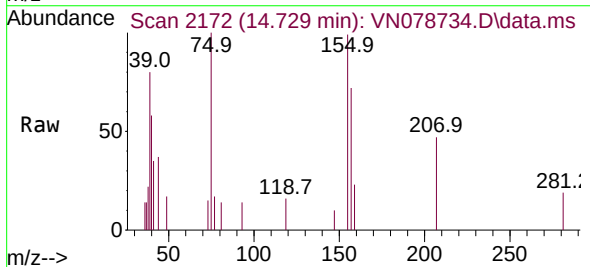
Tgt Ion:146 Resp: 17760
 Ion Ratio Lower Upper
 146 100
 111 40.1 22.4 67.3
 148 64.9 33.4 100.1

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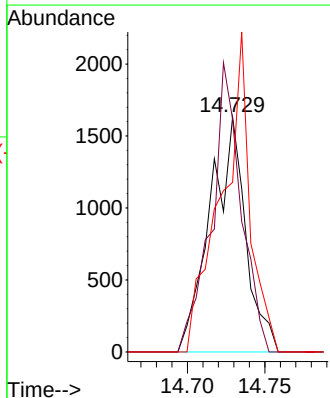
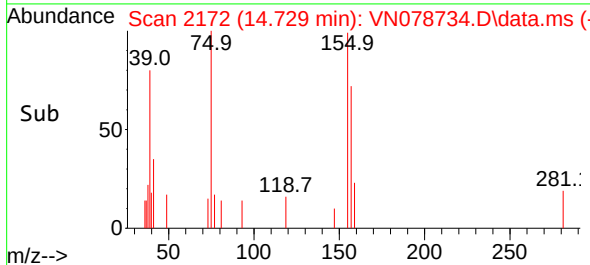
Reviewed By :John Carlone 08/03/2023
 Supervised By :Semsettin Yesilyurt 08/03/2023

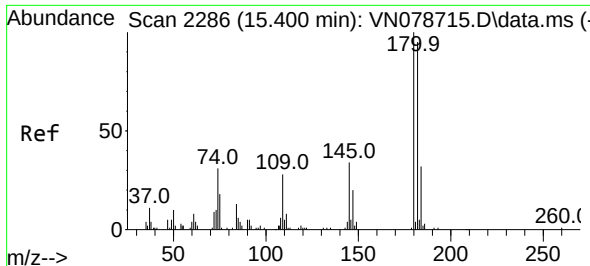


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 1.786 ug/l
 RT: 14.729 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VN078734.D
 Acq: 02 Aug 2023 16:50



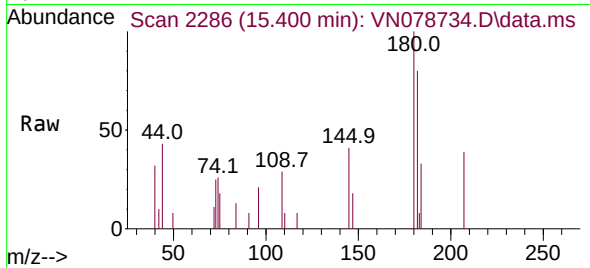
Tgt Ion: 75 Resp: 2589
 Ion Ratio Lower Upper
 75 100
 155 103.7 68.2 102.2#
 157 66.4 84.7 127.1#





#89
1,2,4-Trichlorobenzene
Concen: 1.009 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

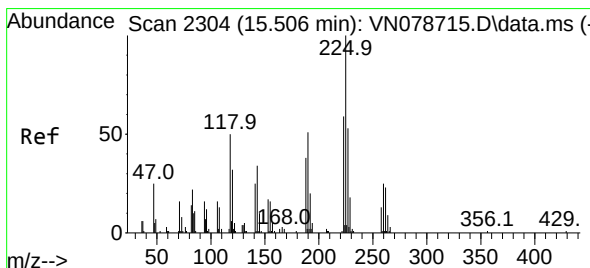
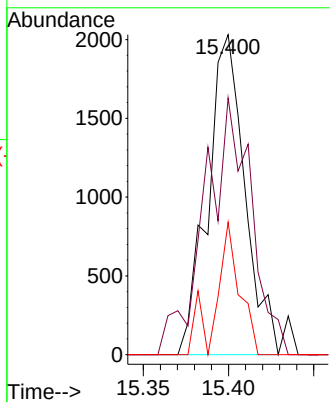
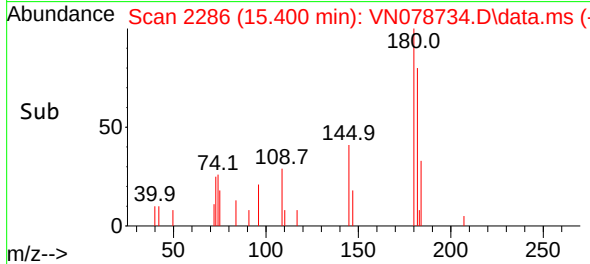
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:180 Resp: 307
Ion Ratio Lower Upper
180 100
182 59.0 73.7 110.5
145 22.0 25.0 37.6

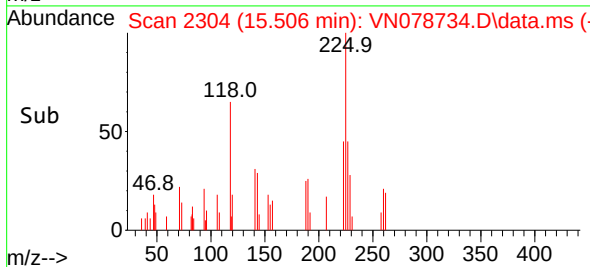
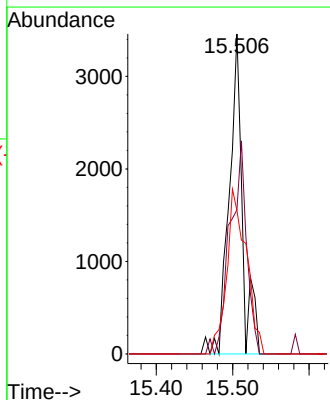
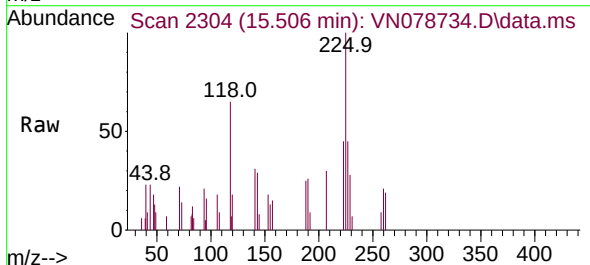
Manual Integrations
APPROVED

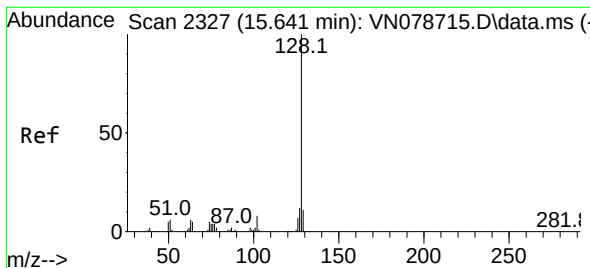
Reviewed By :John Carlone 08/03/2023
Supervised By :Semsettin Yesilyurt 08/03/2023



#90
Hexachlorobutadiene
Concen: 1.801 ug/l m
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Tgt Ion:225 Resp: 4183
Ion Ratio Lower Upper
225 100
223 51.0 0.0 130.0
227 76.5 0.0 124.0





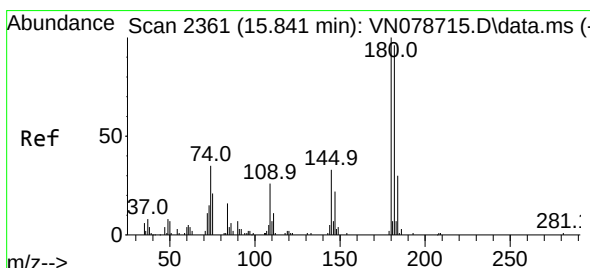
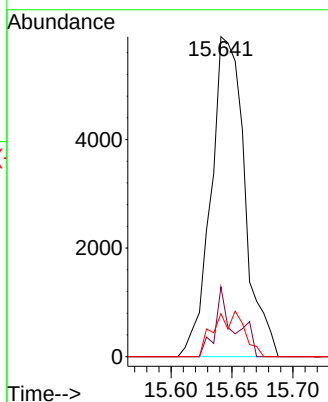
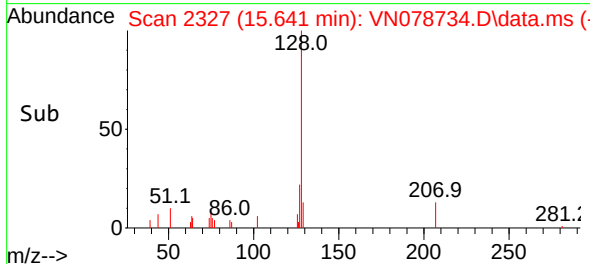
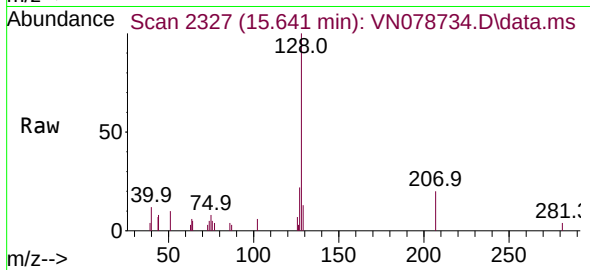
#91
Naphthalene
Concen: 1.228 ug/l
RT: 15.641 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion:128 Resp: 1134
Ion Ratio Lower Upper
128 100
127 8.9 10.2 15.2
129 0.0 9.0 13.4

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 1.092 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078734.D
Acq: 02 Aug 2023 16:50

Tgt Ion:180 Resp: 3789
Ion Ratio Lower Upper
180 100
182 40.0 0.0 196.4
145 28.6 0.0 71.0

