

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
 Data File : VN077183.D
 Acq On : 24 Mar 2023 17:02
 Operator : JC\MD
 Sample : 01627-07 LOD 2.5
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/27/2023
 Supervised By : Semsettin Yesilyurt 03/27/2023

Quant Time: Mar 24 23:32:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 05:55:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	40619	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	265266	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	287652	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	125361	30.390	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.300%			
60) 4-Bromofluorobenzene	12.854	95	137864	26.679	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 88.933%			
63) Toluene-d8	10.572	98	310059	30.196	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.667%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.143	85	10142	3.792	ug/l	93
3) Chloromethane	2.372	50	12922	3.036	ug/l	93
4) Vinyl Chloride	2.525	62	16096	2.682	ug/l	91
5) Bromomethane	2.966	94	14428	3.429	ug/l	93
6) Chloroethane	3.137	64	23073m	4.612	ug/l	
7) Trichlorofluoromethane	3.507	101	24094	2.789	ug/l	99
8) Diethyl Ether	3.978	74	7851m	2.590	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.384	101	12127	2.685	ug/l	82
10) 1,1-Dichloroethene	4.360	96	11445m	2.708	ug/l	
11) Methyl Iodide	4.601	142	10730m	2.384	ug/l	
12) Methyl Acetate	5.043	43	22349	2.452	ug/l #	87
13) Acrolein	4.202	56	15886	12.862	ug/l #	36
14) Acrylonitrile	5.743	53	32349m	11.701	ug/l	
15) Acetone	4.449	58	10073	13.934	ug/l #	57
16) Carbon Disulfide	4.731	76	30006	2.514	ug/l	96
17) Allyl chloride	5.037	41	16955m	2.281	ug/l	
18) Methylene Chloride	5.290	84	14872	2.863	ug/l	96
19) trans-1,2-Dichloroethene	5.796	96	12461m	2.752	ug/l	
20) Diisopropyl ether	6.684	45	39134	2.324	ug/l #	76
21) 1,1-Dichloroethane	6.584	63	24310	2.564	ug/l	98
22) cis-1,2-Dichloroethene	7.490	96	13909	2.602	ug/l #	87
23) tert-Butyl Alcohol	5.525	59	12313m	13.121	ug/l	
24) Methyl tert-Butyl Ether	5.807	73	36915m	2.460	ug/l	
25) Chloroform	7.966	83	23347	2.517	ug/l	87
26) Cyclohexane	8.260	56	17781	2.224	ug/l #	100
29) 1,1-Dichloropropene	8.384	75	15380m	2.390	ug/l	
30) 2-Butanone	7.495	43	46646	12.565	ug/l #	92
31) 2,2-Dichloropropane	7.495	77	16651	2.762	ug/l #	83
32) 1,1,1-Trichloroethane	8.178	97	20342	2.622	ug/l	97
33) Carbon Tetrachloride	8.366	117	15802	2.424	ug/l #	80
34) Benzene	8.607	78	52106	2.642	ug/l #	75
35) Methacrylonitrile	7.784	41	9451m	2.319	ug/l	
36) 1,2-Dichloroethane	8.678	62	20035	2.755	ug/l #	85
37) Trichloroethene	9.360	130	11341	2.543	ug/l	100
38) Methylcyclohexane	9.601	83	15988	2.087	ug/l	91
39) 1,2-Dichloropropane	9.625	63	13780	2.610	ug/l	97
40) Dibromomethane	9.713	93	9595	2.841	ug/l	86
41) Bromodichloromethane	9.889	83	16787	2.441	ug/l	86
42) Vinyl Acetate	6.619	43	122232	10.985	ug/l #	94

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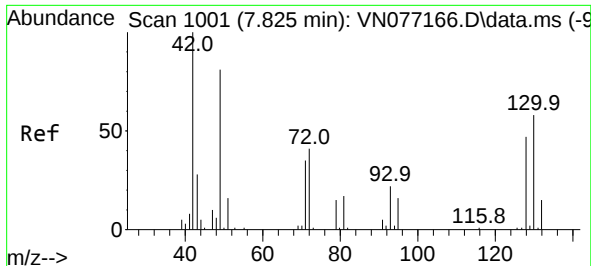
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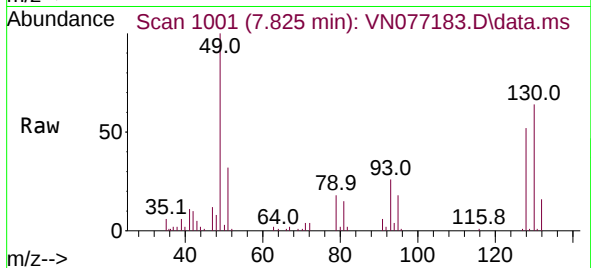
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	14076	1.898	ug/l	98
44) Isopropyl Acetate	8.695	43	27801	2.323	ug/l #	71
45) 1,4-Dioxane	9.719	88	4687m	48.162	ug/l	
46) Methyl methacrylate	9.684	41	12447	2.256	ug/l	93
47) n-amyl Acetate	12.495	43	17857	1.773	ug/l	91
48) t-1,3-Dichloropropene	10.836	75	14590	2.089	ug/l	90
49) cis-1,3-Dichloropropene	10.319	75	17579	2.299	ug/l	97
50) 1,1,2-Trichloroethane	11.013	97	12845	2.710	ug/l #	87
51) Ethyl methacrylate	10.878	69	13545	1.851	ug/l	95
52) 1,3-Dichloropropane	11.166	76	22459	2.669	ug/l	98
53) Dibromochloromethane	11.360	129	10821	2.205	ug/l	98
54) 1,2-Dibromoethane	11.472	107	11035	2.366	ug/l	92
55) 2-Chloroethyl vinyl ether	10.166	63	29842	9.752	ug/l	98
56) Bromoform	12.583	173	7490	2.175	ug/l #	93
58) 4-Methyl-2-Pentanone	10.448	43	85684	11.541	ug/l	98
59) 2-Hexanone	11.201	43	59523	10.996	ug/l	97
61) Tetrachloroethene	11.113	164	10065	2.788	ug/l #	79
62) Toluene	10.631	91	52921	2.618	ug/l	99
64) Chlorobenzene	11.889	112	30325	2.535	ug/l	93
65) 1,1,1,2-Tetrachloroethane	11.960	131	11821	2.691	ug/l	96
66) Ethyl Benzene	11.966	91	46589	2.145	ug/l	93
67) m/p-Xylenes	12.072	106	34560	4.134	ug/l	99
68) o-Xylene	12.407	106	18694	2.284	ug/l	89
69) Styrene	12.413	104	24725	1.860	ug/l	96
70) Isopropylbenzene	12.695	105	41267	1.944	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	18350	2.641	ug/l	95
72) 1,2,3-Trichloropropane	12.995	75	13803m	2.245	ug/l	
73) Bromobenzene	12.983	156	11439	2.411	ug/l	93
74) n-propylbenzene	13.036	91	48462	1.972	ug/l	99
75) 2-Chlorotoluene	13.130	91	31777	2.145	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	30973	1.758	ug/l	97
77) t-1,4-Dichloro-2-butene	12.742	75	3757	1.917	ug/l	86
78) 4-Chlorotoluene	13.224	91	28466	1.997	ug/l	95
79) tert-butylbenzene	13.442	119	31393	2.086	ug/l	99
80) 1,2,4-Trimethylbenzene	13.489	105	28343	1.621	ug/l	98
81) sec-Butylbenzene	13.619	105	38753	1.783	ug/l	100
82) p-Isopropyltoluene	13.730	119	26333	1.512	ug/l	94
83) 1,3-Dichlorobenzene	13.736	146	19347	2.202	ug/l	96
84) 1,4-Dichlorobenzene	13.819	146	17290	2.020	ug/l	99
85) n-Butylbenzene	14.060	91	22239	1.510	ug/l	98
86) Hexachloroethane	14.342	117	7519	2.263	ug/l	96
87) 1,2-Dichlorobenzene	14.107	146	18923	2.154	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.718	75	3057	2.293	ug/l	88
89) 1,2,4-Trichlorobenzene	15.848	180	4972	1.269	ug/l	91
90) Hexachlorobutadiene	15.501	225	4993	2.258	ug/l	92
91) Naphthalene	15.648	128	11888	0.924	ug/l #	74
92) 1,2,3-Trichlorobenzene	15.848	180	4972	1.277	ug/l	91

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

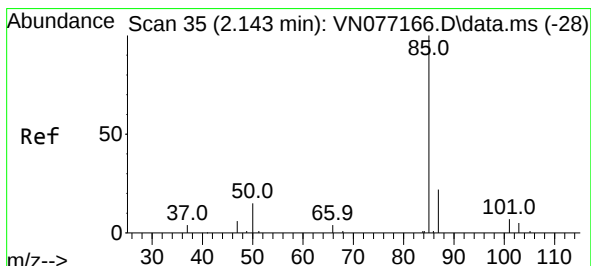
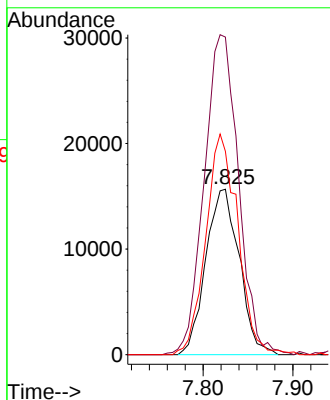
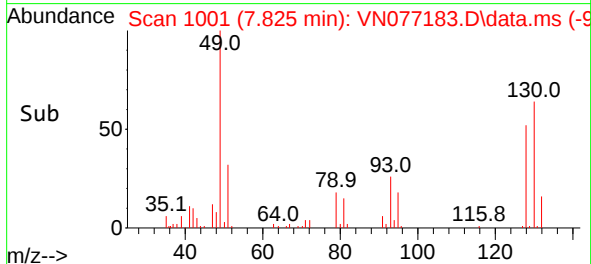
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:128 Resp: 40619
Ion Ratio Lower Upper
128 100
49 198.0 0.0 461.8
130 127.3 0.0 295.3

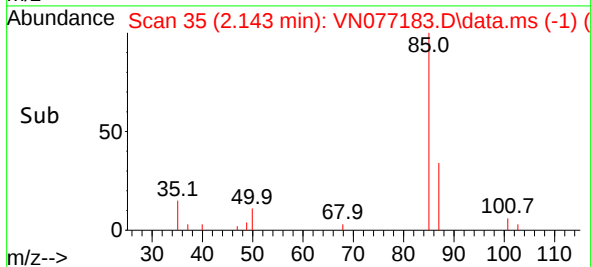
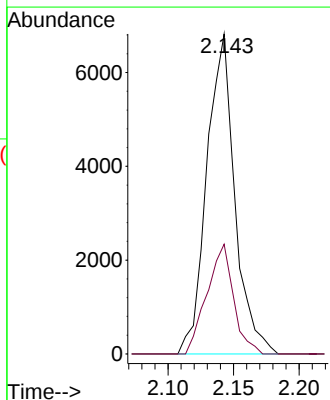
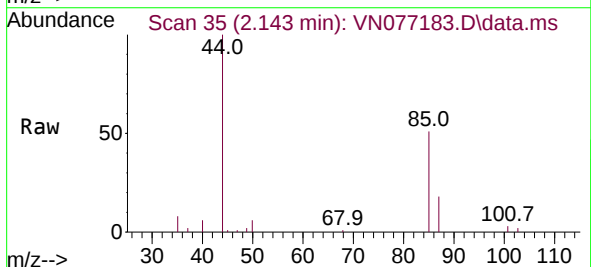
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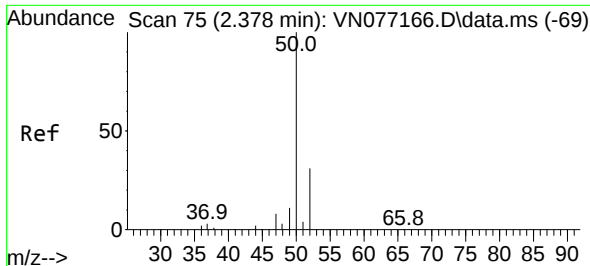
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#2
Dichlorodifluoromethane
Concen: 3.792 ug/l
RT: 2.143 min Scan# 35
Delta R.T. -0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

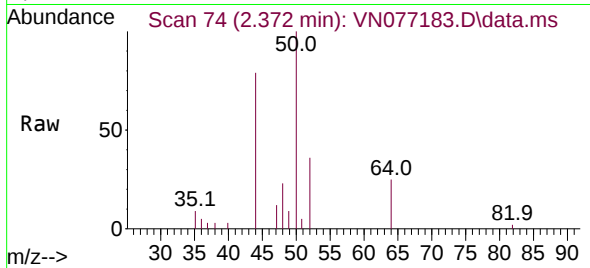
Tgt Ion: 85 Resp: 10142
Ion Ratio Lower Upper
85 100
87 34.3 15.4 46.1





#3
Chloromethane
Concen: 3.036 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

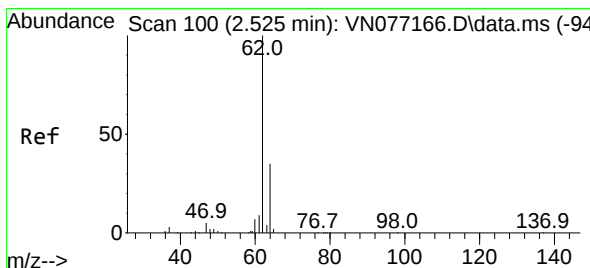
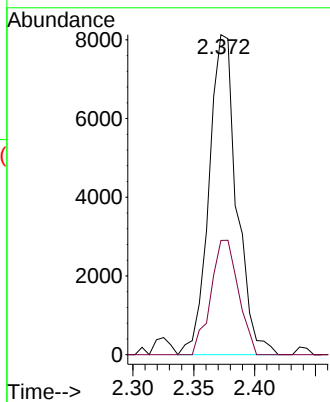
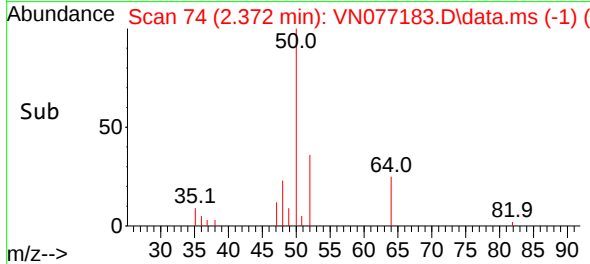
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ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



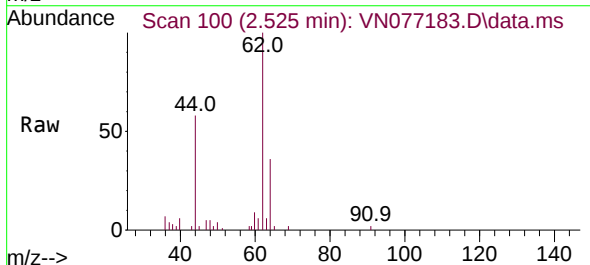
Tgt Ion: 50 Resp: 1292
Ion Ratio Lower Upper
50 100
52 35.7 25.3 37.9

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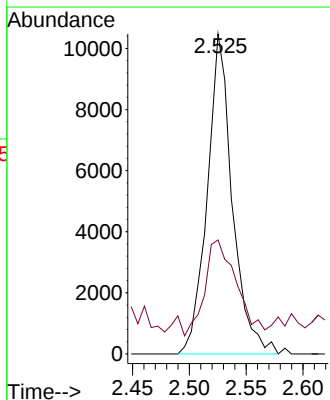
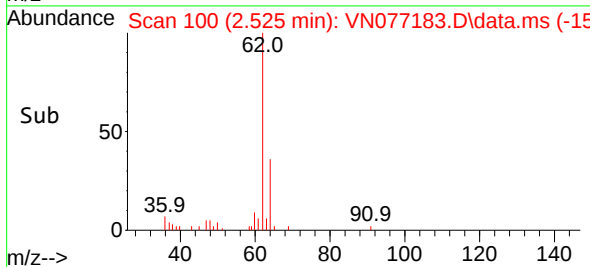
Reviewed By :John Carlone 03/27/2023
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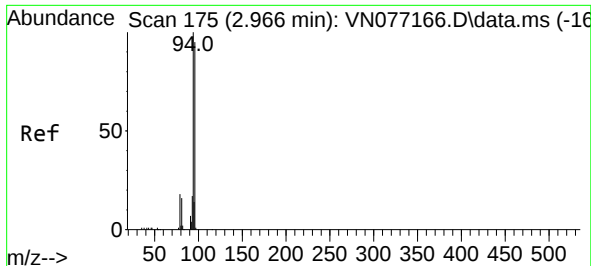


#4
Vinyl Chloride
Concen: 2.682 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02



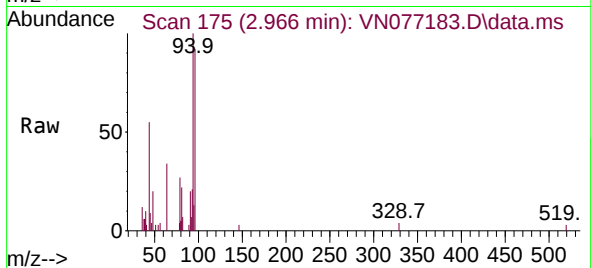
Tgt Ion: 62 Resp: 16096
Ion Ratio Lower Upper
62 100
64 24.1 23.1 34.7





#5
Bromomethane
Concen: 3.429 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

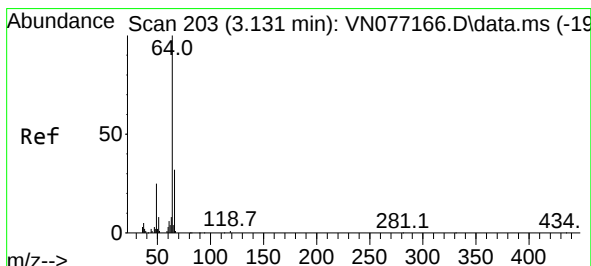
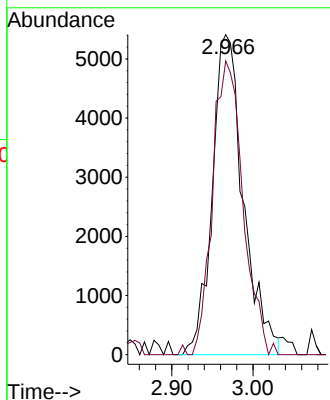
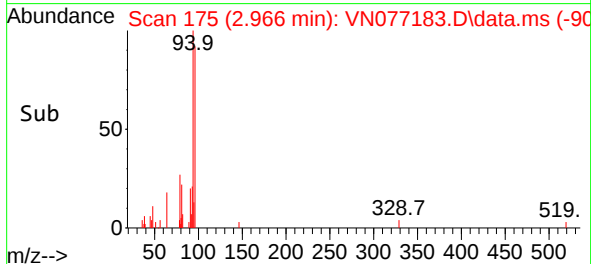
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Tgt Ion: 94 Resp: 14428
Ion Ratio Lower Upper
94 100
96 91.8 68.6 103.0

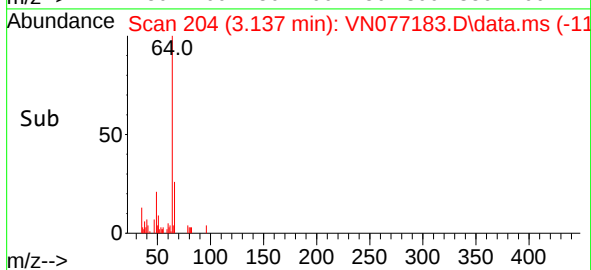
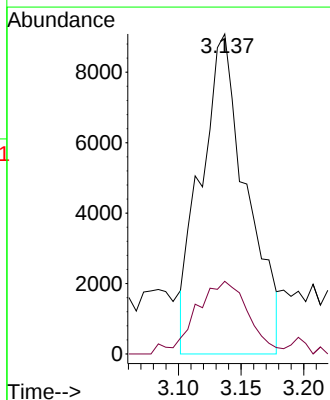
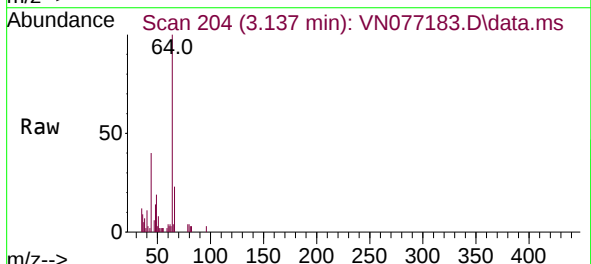
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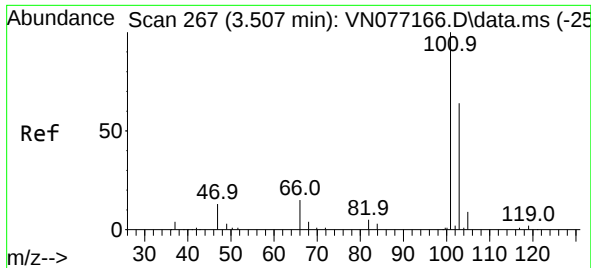
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#6
Chloroethane
Concen: 4.612 ug/l m
RT: 3.137 min Scan# 204
Delta R.T. 0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

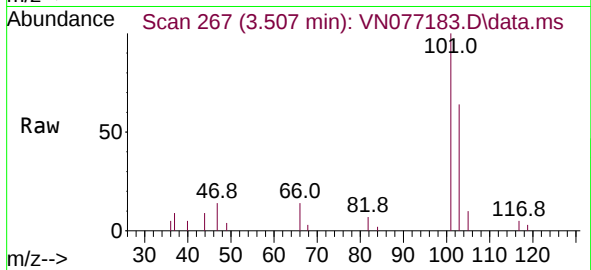
Tgt Ion: 64 Resp: 23073
Ion Ratio Lower Upper
64 100
66 22.7 23.8 35.6#





#7
 Trichlorofluoromethane
 Concen: 2.789 ug/l
 RT: 3.507 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VN077183.D
 Acq: 24 Mar 2023 17:02

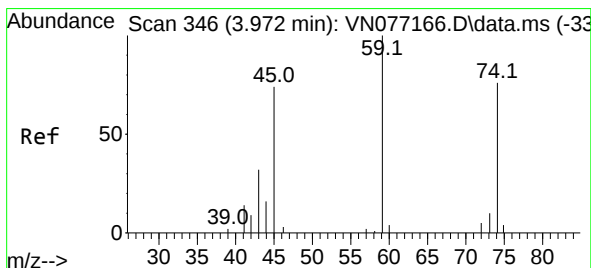
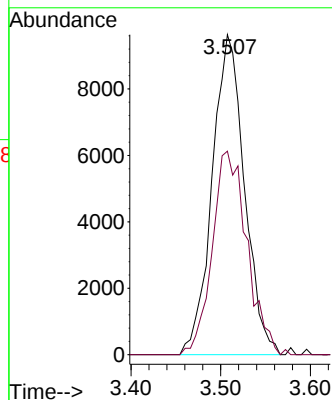
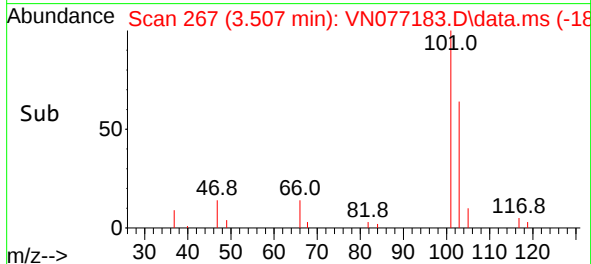
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Tgt Ion:101 Resp: 24094
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.2 75.2

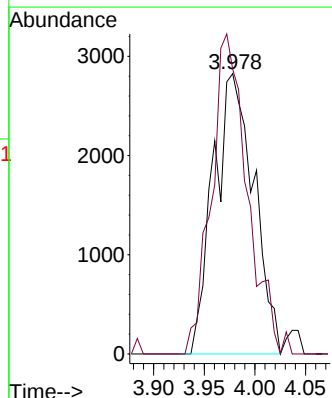
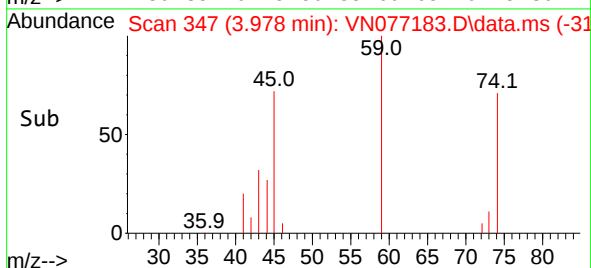
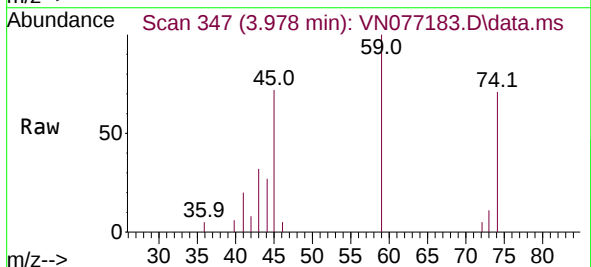
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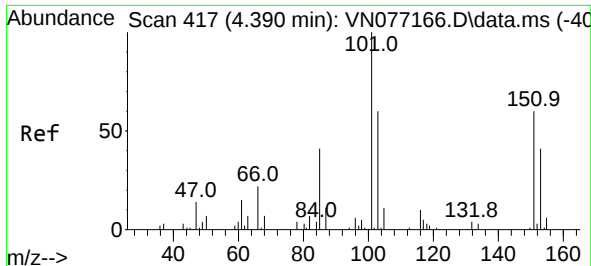
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023



#8
 Diethyl Ether
 Concen: 2.590 ug/l m
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN077183.D
 Acq: 24 Mar 2023 17:02

Tgt Ion: 74 Resp: 7851
 Ion Ratio Lower Upper
 74 100
 45 92.7 21.4 193.0





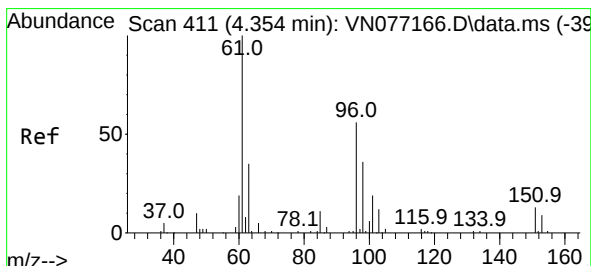
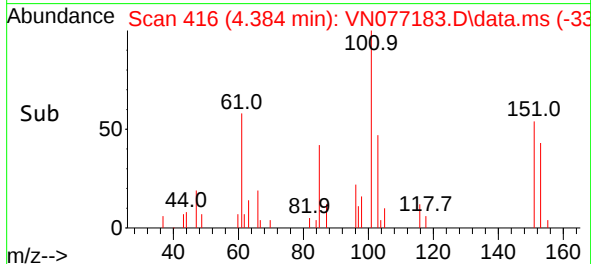
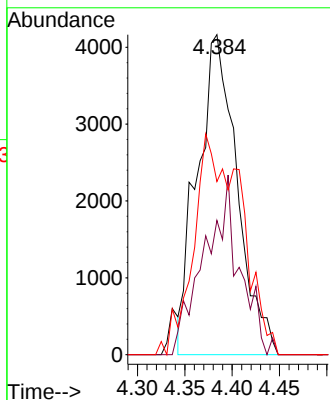
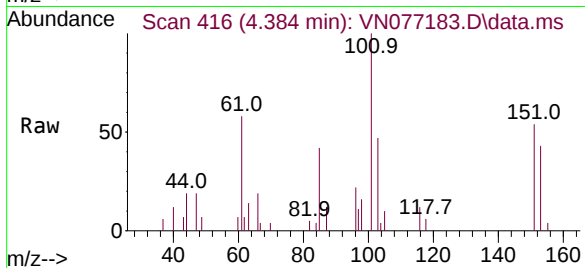
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.685 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:101 Resp: 1212
Ion Ratio Lower Upper
101 100
85 38.1 0.0 95.2
151 54.1 0.0 142.2

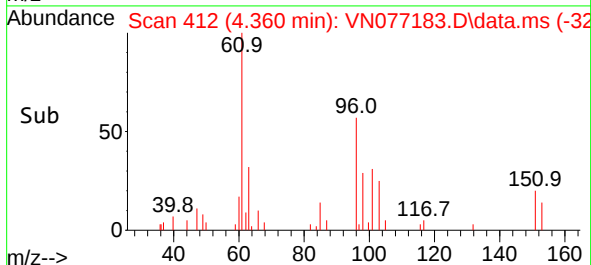
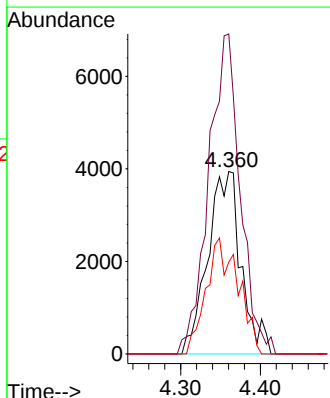
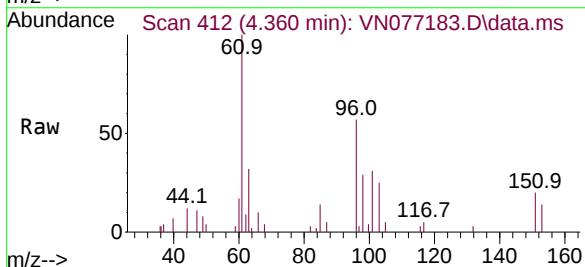
Manual Integrations
APPROVED

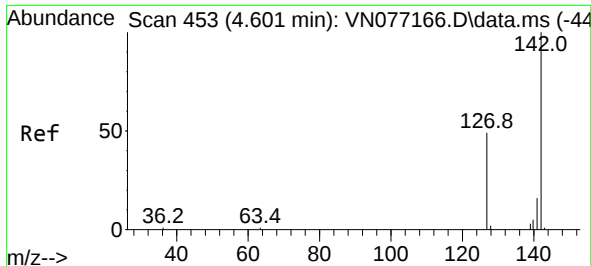
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#10
1,1-Dichloroethene
Concen: 2.708 ug/l m
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

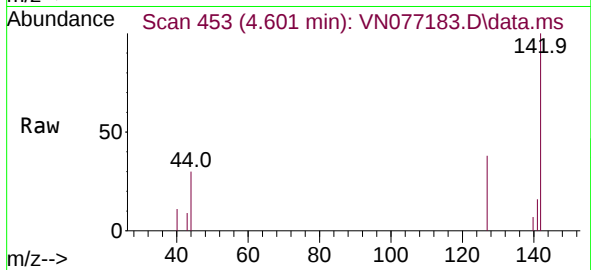
Tgt Ion: 96 Resp: 11445
Ion Ratio Lower Upper
96 100
61 175.5 137.1 205.7
98 50.4 53.2 79.8#





#11
Methyl Iodide
Concen: 2.384 ug/l m
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

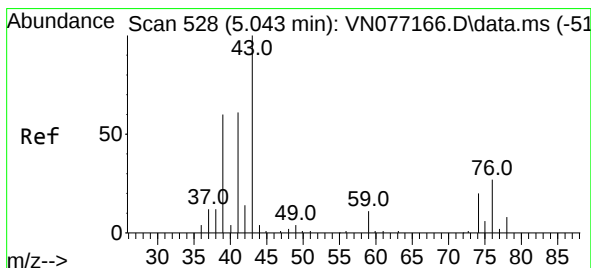
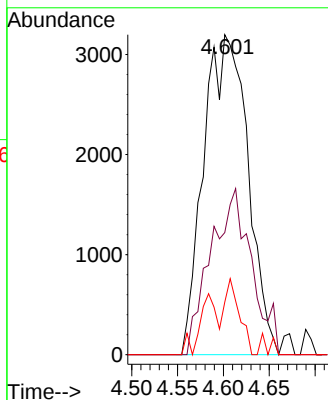
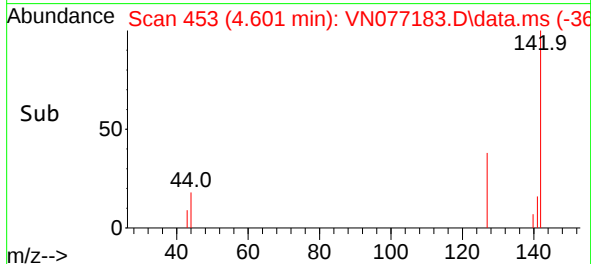
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:142 Resp: 10730
Ion Ratio Lower Upper
142 100
127 38.1 25.0 75.0
141 16.4 8.0 24.0

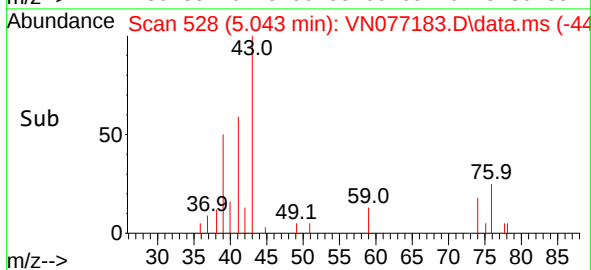
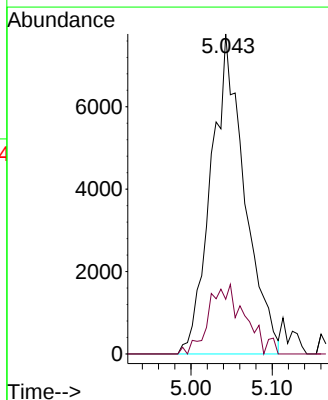
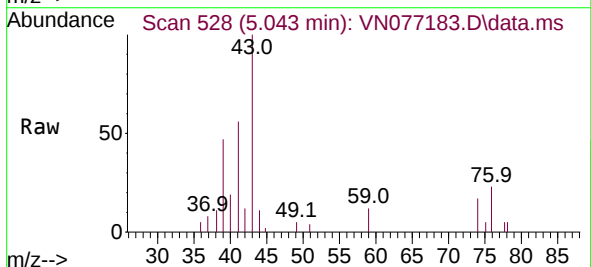
Manual Integrations
APPROVED

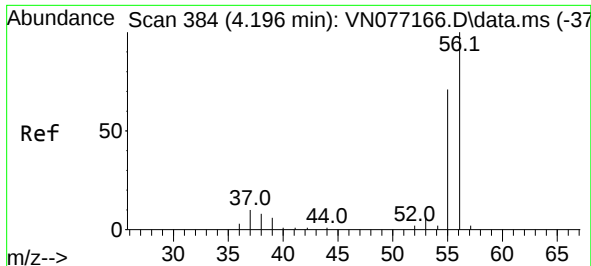
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#12
Methyl Acetate
Concen: 2.452 ug/l
RT: 5.043 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Tgt Ion: 43 Resp: 22349
Ion Ratio Lower Upper
43 100
74 17.4 19.0 28.4#





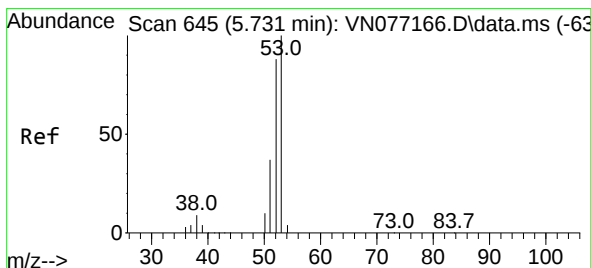
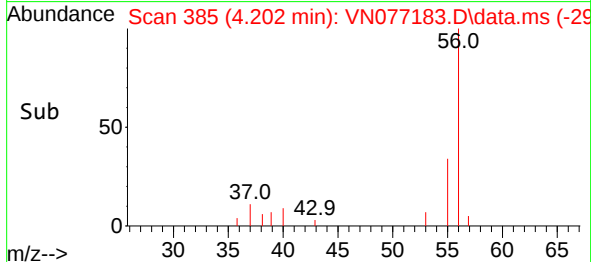
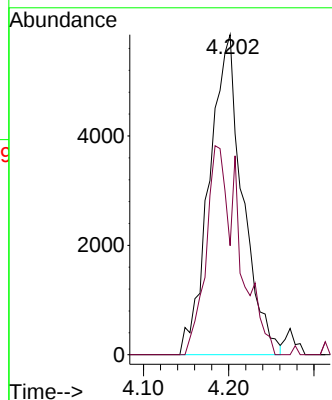
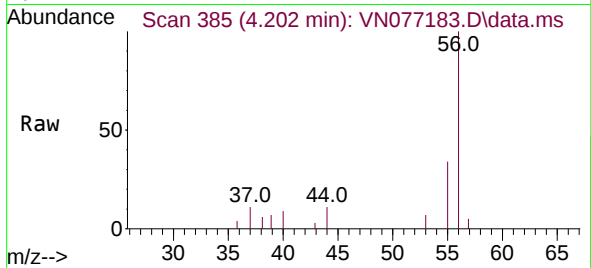
#13
Acrolein
Concen: 12.862 ug/l
RT: 4.202 min Scan# 385
Delta R.T. 0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 56 Resp: 1588
Ion Ratio Lower Upper
56 100
55 16.5 55.0 82.4

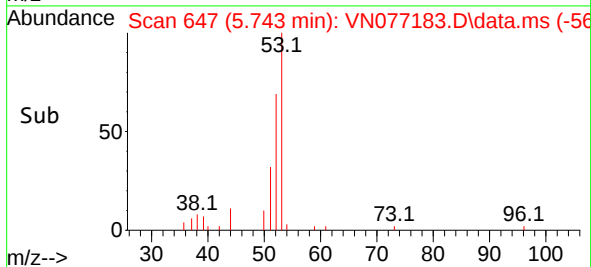
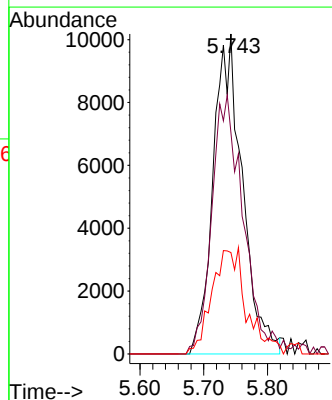
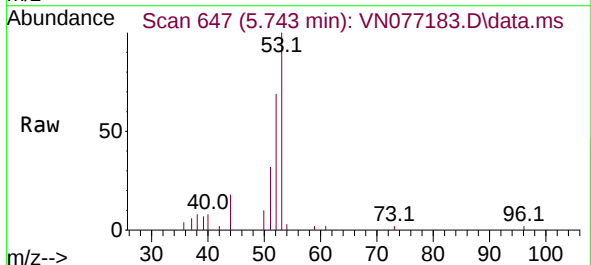
Manual Integrations
APPROVED

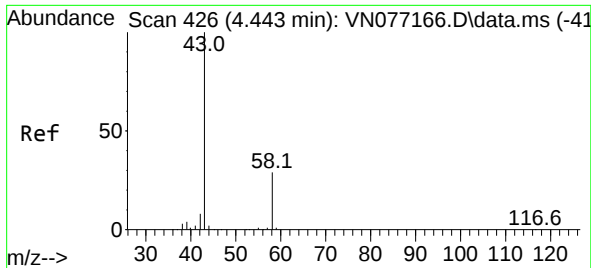
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#14
Acrylonitrile
Concen: 11.701 ug/l m
RT: 5.743 min Scan# 647
Delta R.T. 0.012 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Tgt Ion: 53 Resp: 32349
Ion Ratio Lower Upper
53 100
52 84.8 41.5 124.6
51 25.7 17.6 52.8





#15

Acetone

Concen: 13.934 ug/l

RT: 4.449 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN077183.D

Acq: 24 Mar 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 58 Resp: 1007

Ion Ratio Lower Upper

58 100

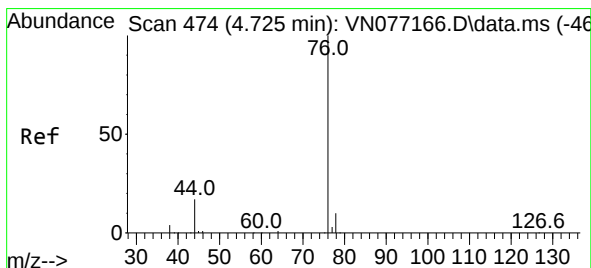
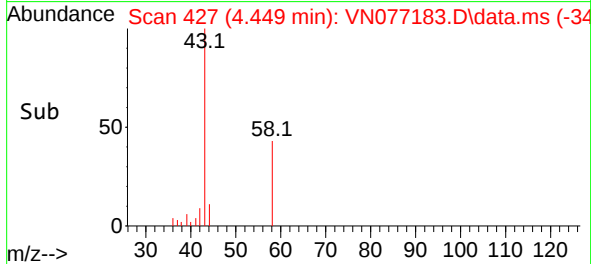
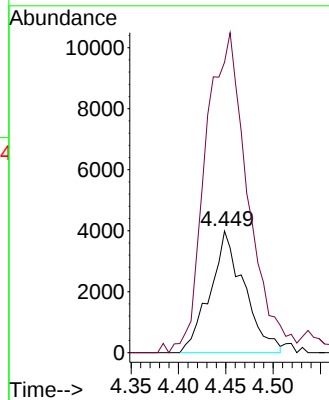
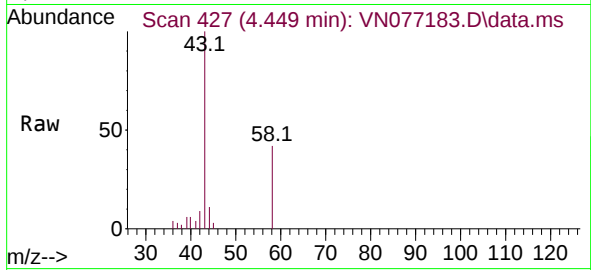
43 231.2 255.4 383.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#16

Carbon Disulfide

Concen: 2.514 ug/l

RT: 4.731 min Scan# 475

Delta R.T. 0.006 min

Lab File: VN077183.D

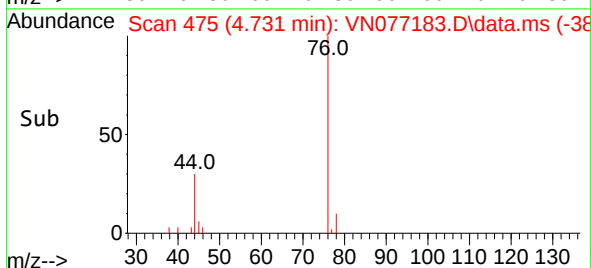
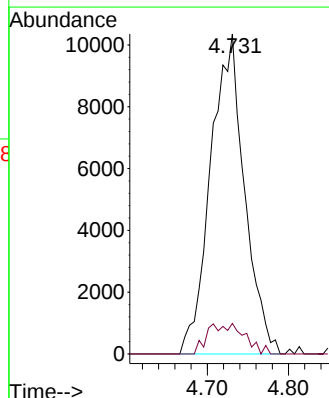
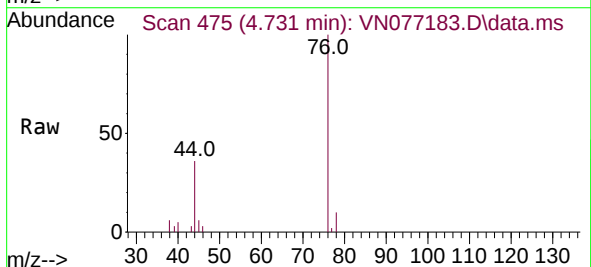
Acq: 24 Mar 2023 17:02

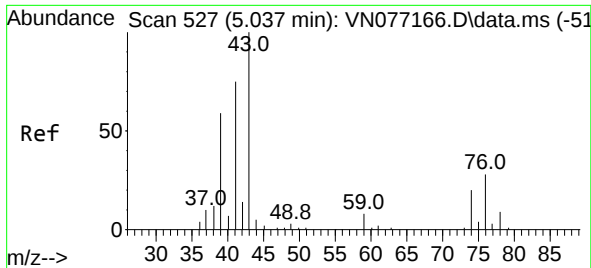
Tgt Ion: 76 Resp: 30006

Ion Ratio Lower Upper

76 100

78 9.5 6.6 9.8





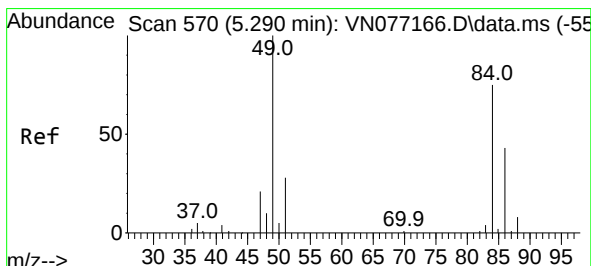
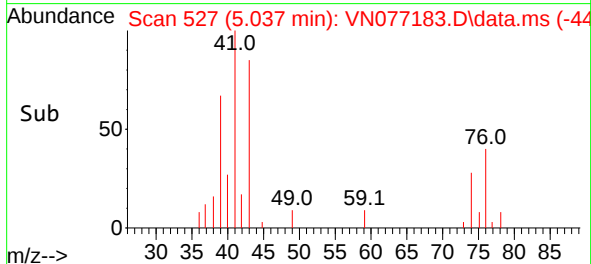
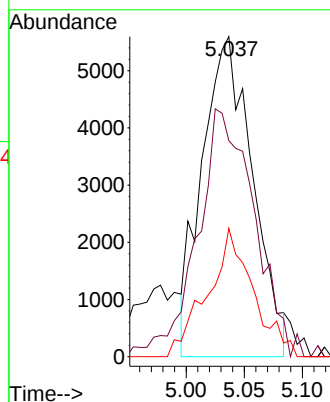
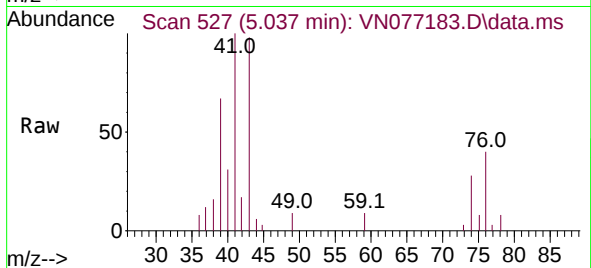
#17
 Allyl chloride
 Concen: 2.281 ug/l m
 RT: 5.037 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077183.D
 Acq: 24 Mar 2023 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 41 Resp: 1695
 Ion Ratio Lower Upper
 41 100
 39 67.5 34.8 104.3
 76 40.0 17.5 52.5

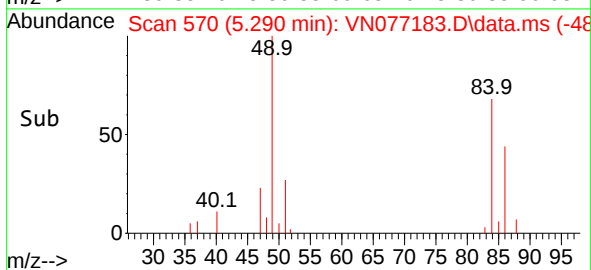
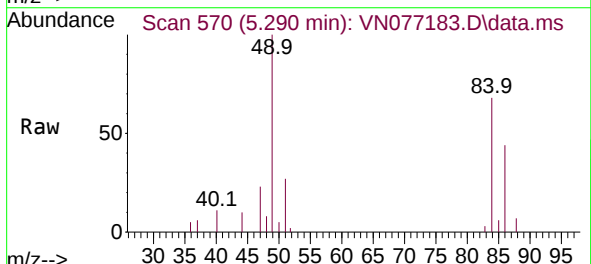
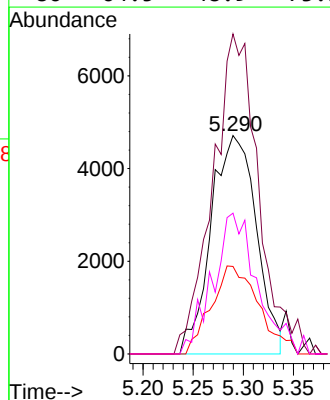
Manual Integrations
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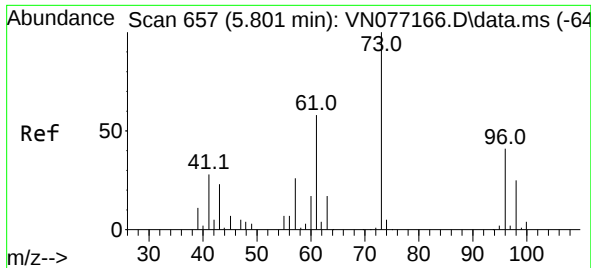
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023



#18
 Methylene Chloride
 Concen: 2.863 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. -0.000 min
 Lab File: VN077183.D
 Acq: 24 Mar 2023 17:02

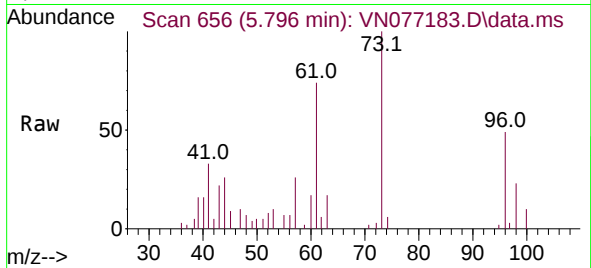
Tgt Ion: 84 Resp: 14872
 Ion Ratio Lower Upper
 84 100
 49 137.7 113.8 170.6
 51 40.1 34.2 51.4
 86 64.5 48.9 73.3





#19
trans-1,2-Dichloroethene
Concen: 2.752 ug/l m
RT: 5.796 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

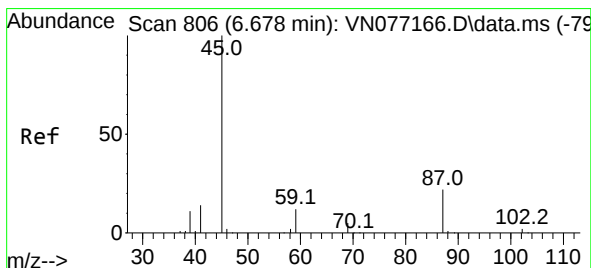
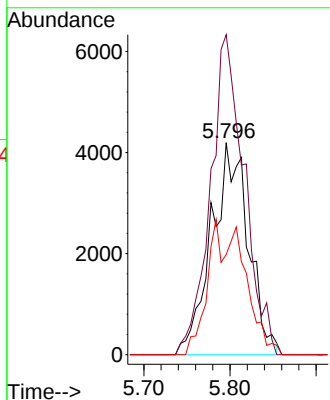
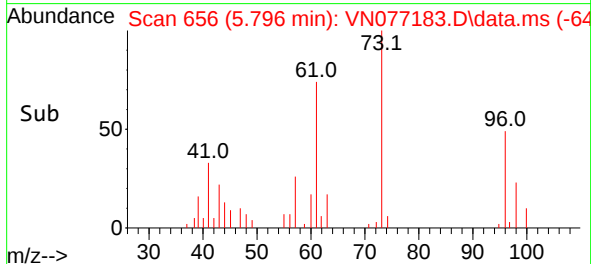
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



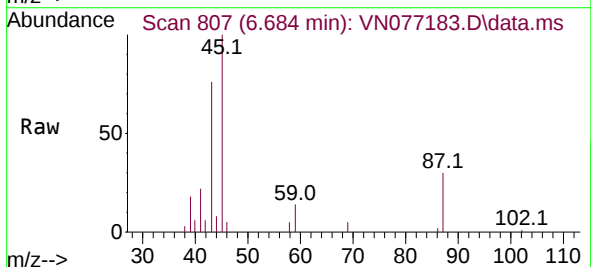
Tgt Ion: 96 Resp: 1246
Ion Ratio Lower Upper
96 100
61 151.0 111.0 166.4
98 47.3 55.0 82.6

Manual Integrations
APPROVED

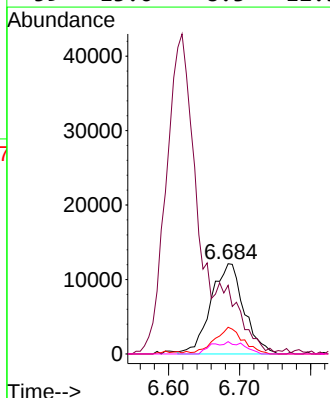
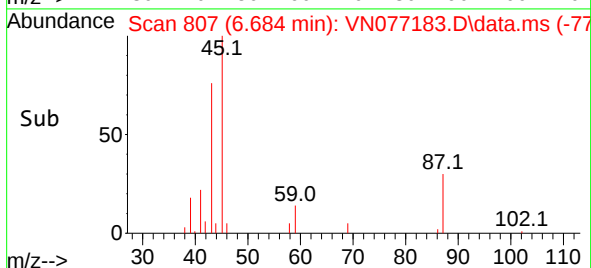
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

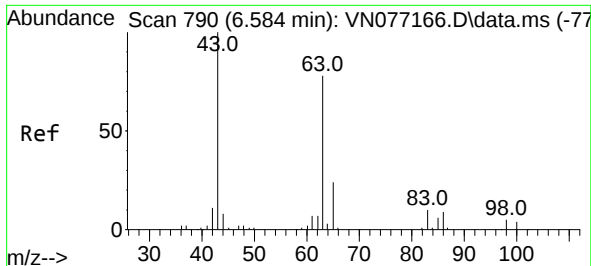


#20
Diisopropyl ether
Concen: 2.324 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02



Tgt Ion: 45 Resp: 39134
Ion Ratio Lower Upper
45 100
43 72.3 38.6 58.0#
87 29.7 20.1 30.1
59 13.6 8.3 12.5#





#21

1,1-Dichloroethane

Concen: 2.564 ug/l

RT: 6.584 min Scan# 790

Delta R.T. -0.000 min

Lab File: VN077183.D

Acq: 24 Mar 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 63 Resp: 24310

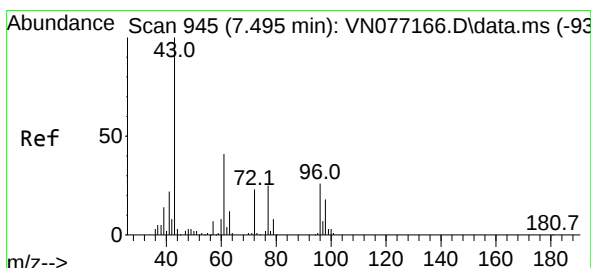
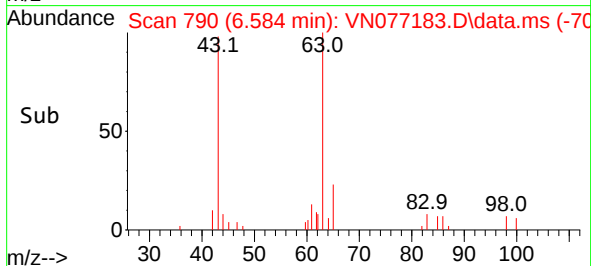
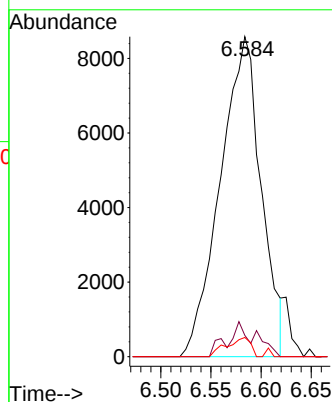
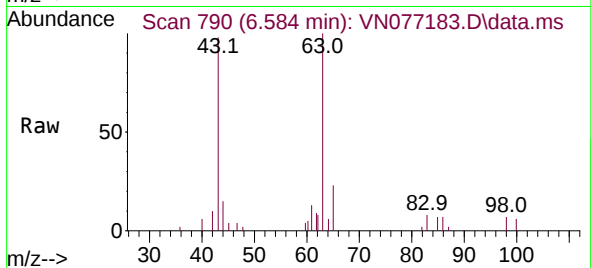
Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.6	10.9
100	6.0	2.6	7.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#22

cis-1,2-Dichloroethene

Concen: 2.602 ug/l

RT: 7.490 min Scan# 944

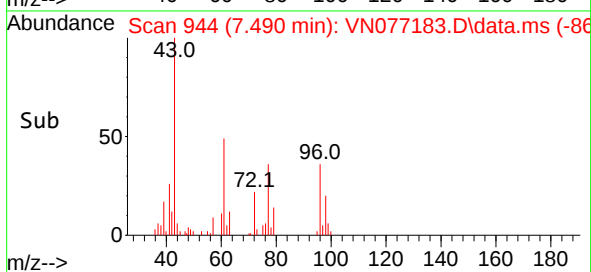
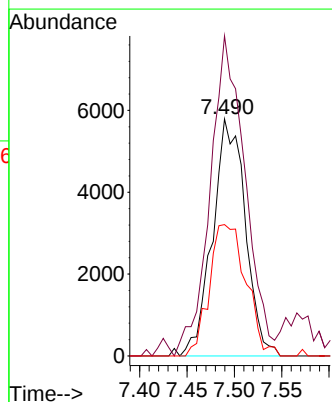
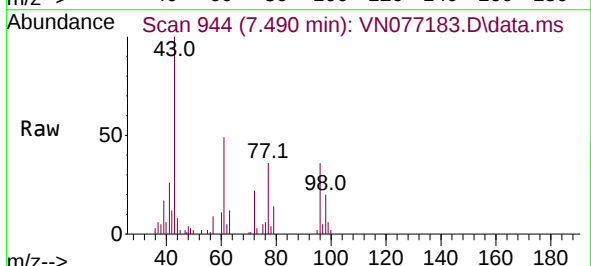
Delta R.T. -0.005 min

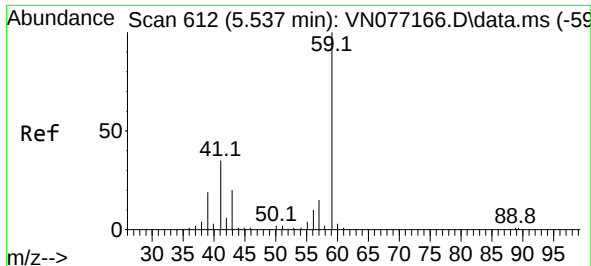
Lab File: VN077183.D

Acq: 24 Mar 2023 17:02

Tgt Ion: 96 Resp: 13909

Ion	Ratio	Lower	Upper
96	100		
61	144.4	121.0	181.4
98	37.6	50.1	75.1#





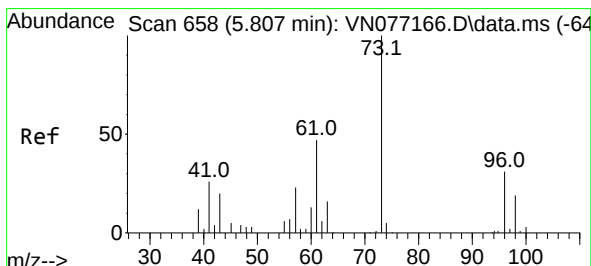
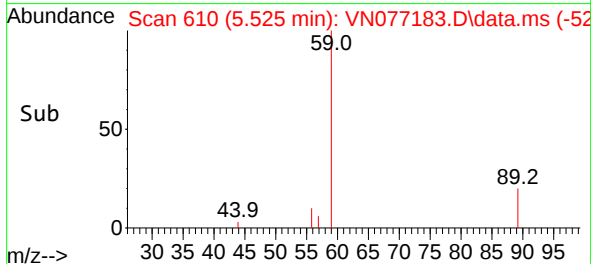
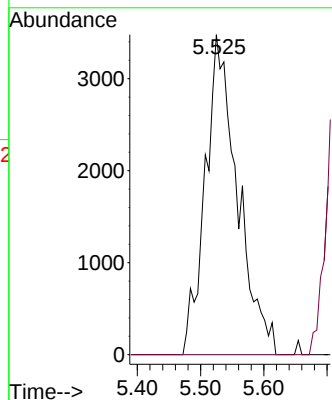
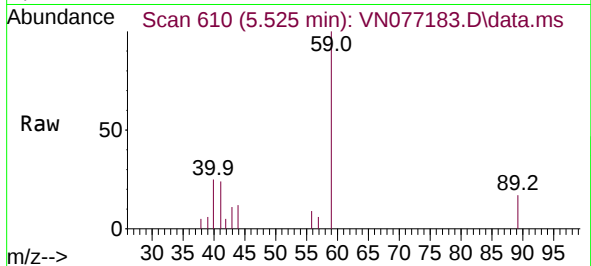
#23
tert-Butyl Alcohol
Concen: 13.121 ug/l m
RT: 5.525 min Scan# 610
Delta R.T. -0.012 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 59 Resp: 1231
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

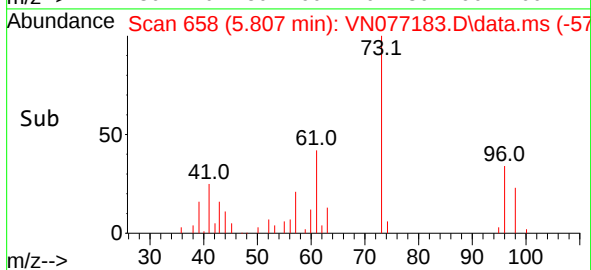
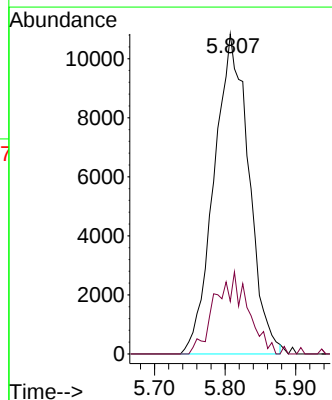
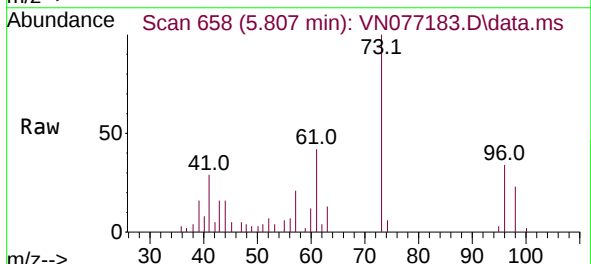
Manual Integrations
APPROVED

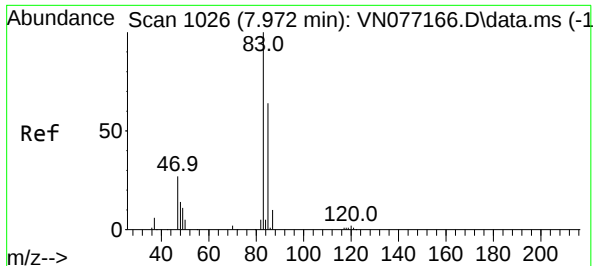
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#24
Methyl tert-Butyl Ether
Concen: 2.460 ug/l m
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Tgt Ion: 73 Resp: 36915
Ion Ratio Lower Upper
73 100
43 1.4 17.8 26.6#





#25

Chloroform

Concen: 2.517 ug/l

RT: 7.966 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN077183.D

Acq: 24 Mar 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 83 Resp: 2334

Ion Ratio Lower Upper

83 100

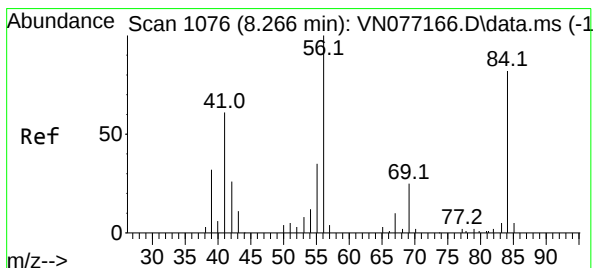
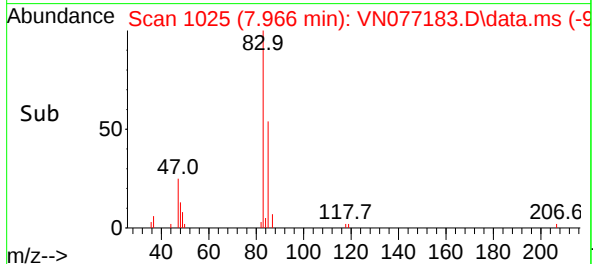
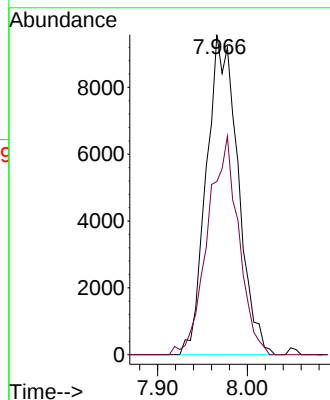
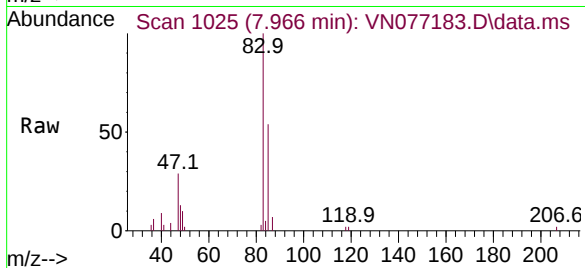
85 54.1 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#26

Cyclohexane

Concen: 2.224 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VN077183.D

Acq: 24 Mar 2023 17:02

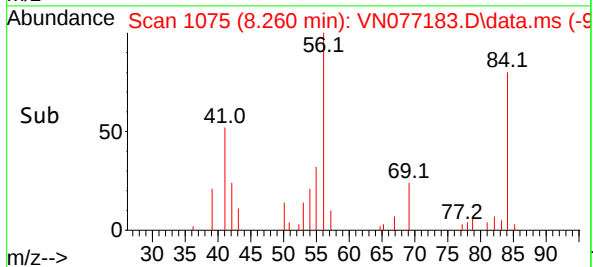
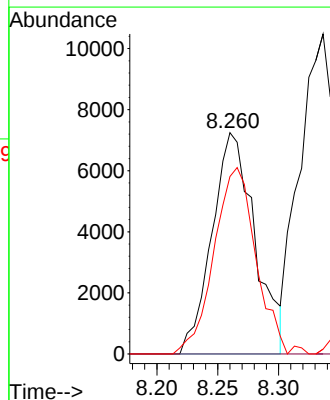
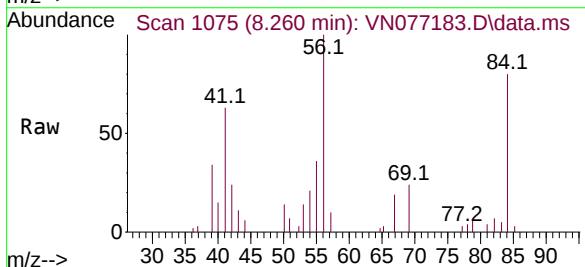
Tgt Ion: 56 Resp: 17781

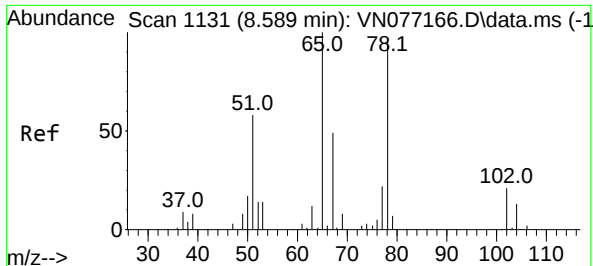
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 81.6 65.3 97.9





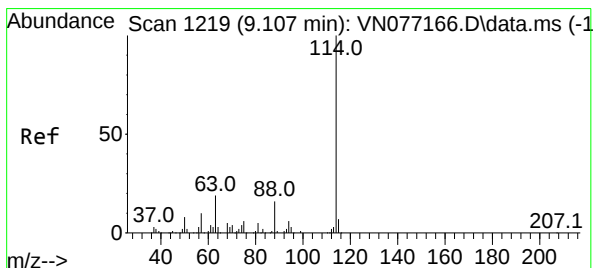
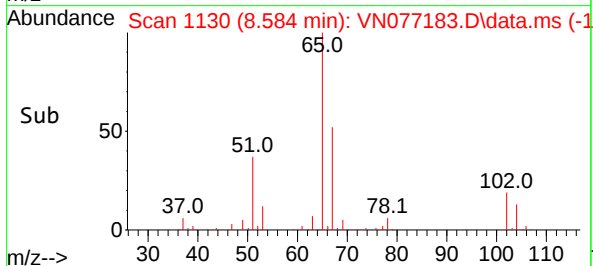
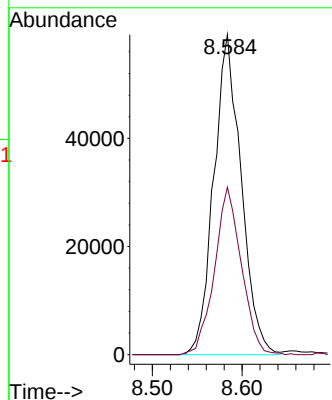
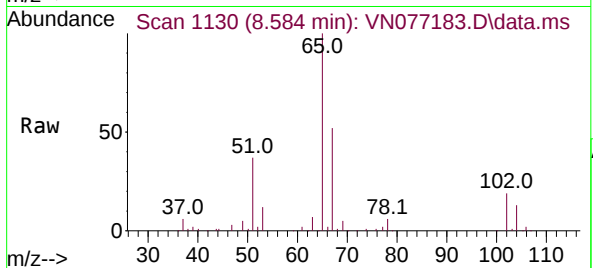
#27
1,2-Dichloroethane-d4
Concen: 30.390 ug/l
RT: 8.584 min Scan# 1131
Delta R.T. -0.005 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 65 Resp: 12536
Ion Ratio Lower Upper
65 100
67 51.3 40.9 61.3

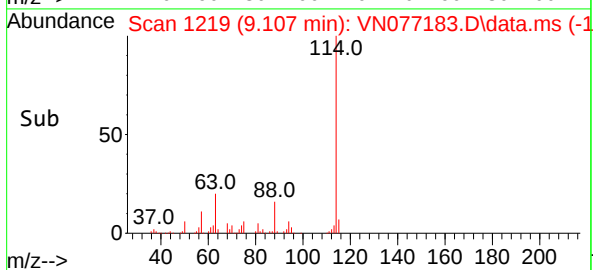
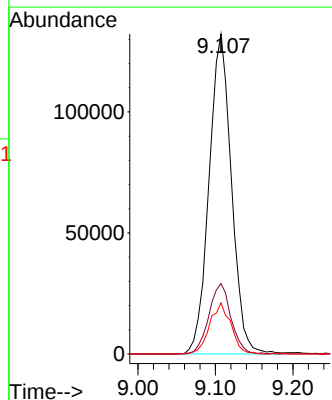
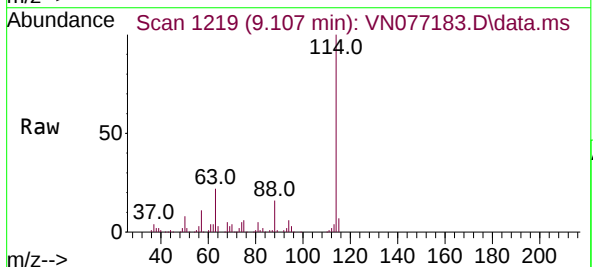
Manual Integrations
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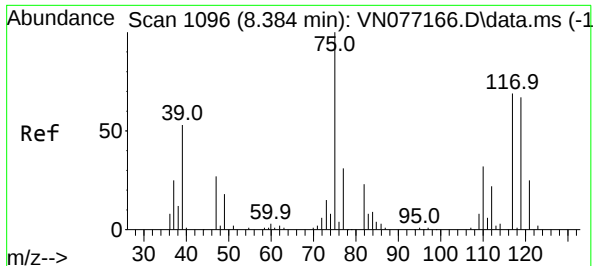
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Tgt Ion:114 Resp: 265266
Ion Ratio Lower Upper
114 100
63 21.7 17.0 25.4
88 15.2 11.6 17.4





#29

1,1-Dichloropropene

Concen: 2.390 ug/l m

RT: 8.384 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN077183.D

Acq: 24 Mar 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 75 Resp: 15380

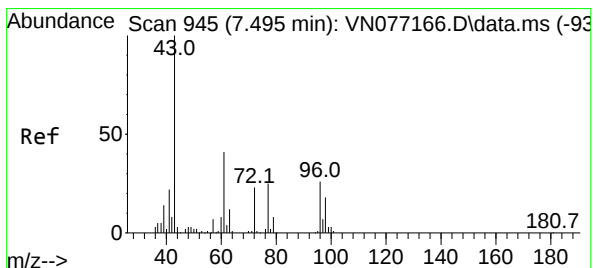
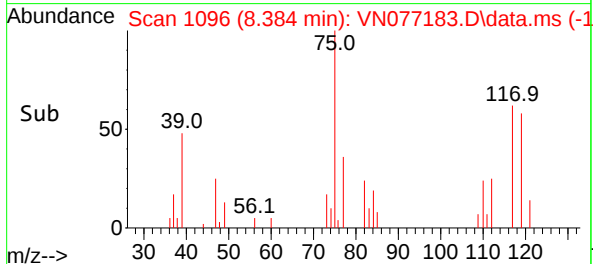
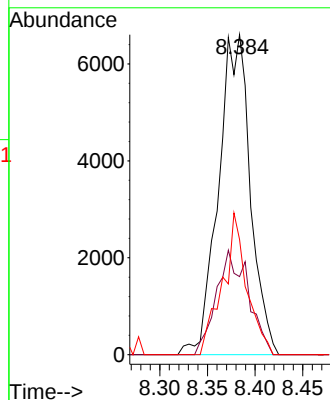
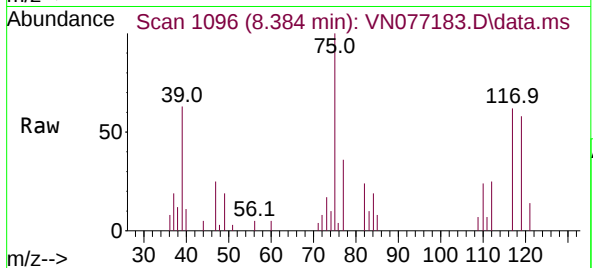
Ion	Ratio	Lower	Upper
75	100		
110	22.9	0.0	67.2
77	33.6	0.0	64.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#30

2-Butanone

Concen: 12.565 ug/l

RT: 7.495 min Scan# 945

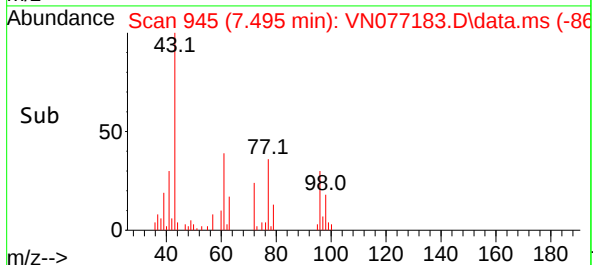
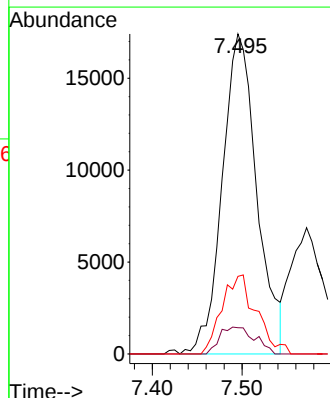
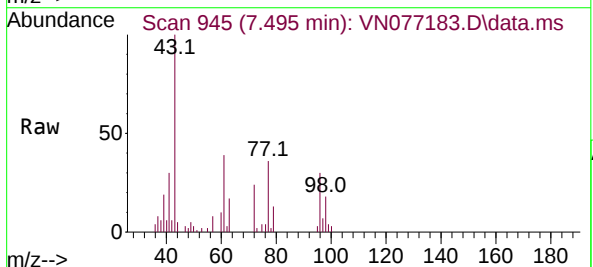
Delta R.T. 0.000 min

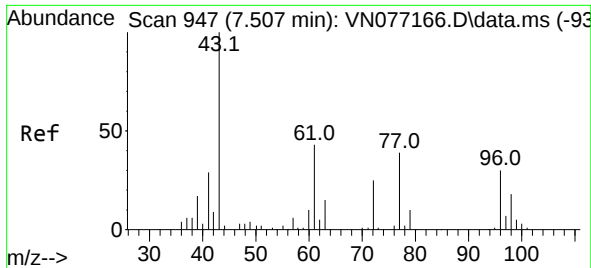
Lab File: VN077183.D

Acq: 24 Mar 2023 17:02

Tgt Ion: 43 Resp: 46646

Ion	Ratio	Lower	Upper
43	100		
57	7.2	6.1	9.1
72	19.9	20.2	30.4





#31

2,2-Dichloropropane

Concen: 2.762 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.012 min

Lab File: VN077183.D

Acq: 24 Mar 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 77 Resp: 1665

Ion Ratio Lower Upper

77 100

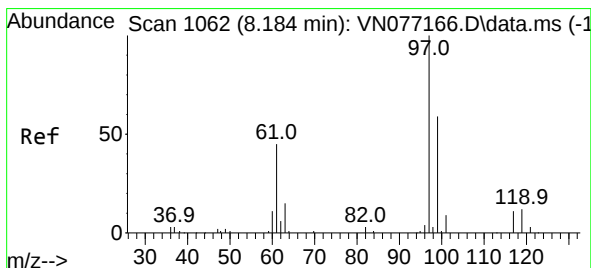
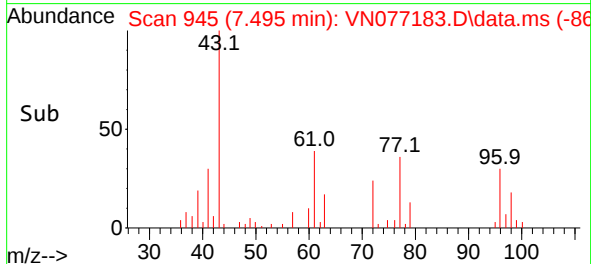
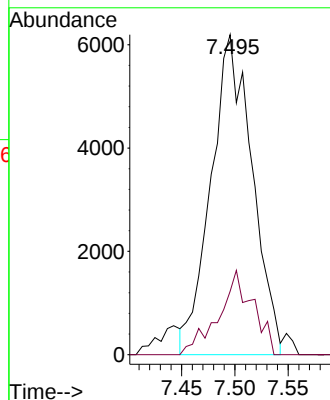
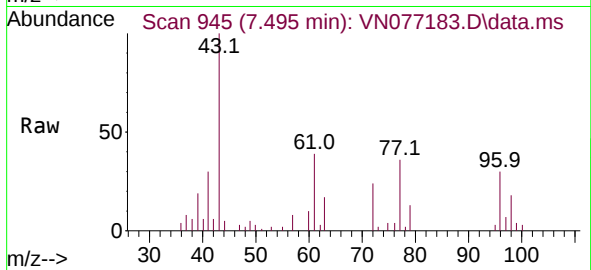
97 15.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#32

1,1,1-Trichloroethane

Concen: 2.622 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. -0.006 min

Lab File: VN077183.D

Acq: 24 Mar 2023 17:02

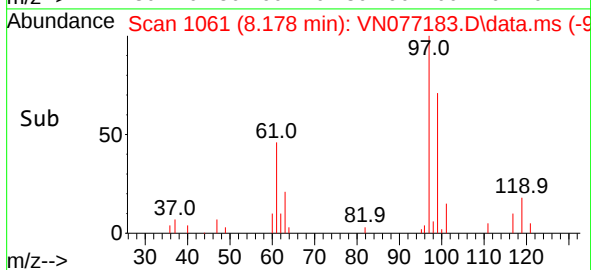
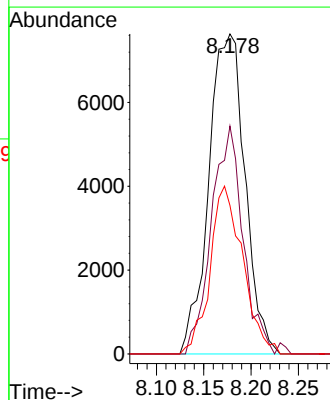
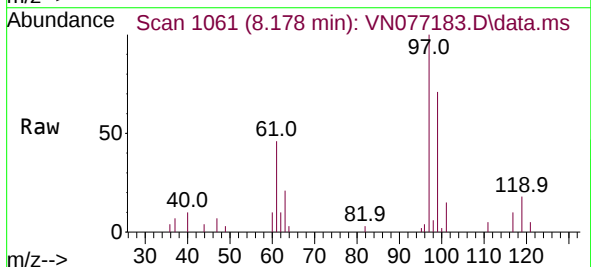
Tgt Ion: 97 Resp: 20342

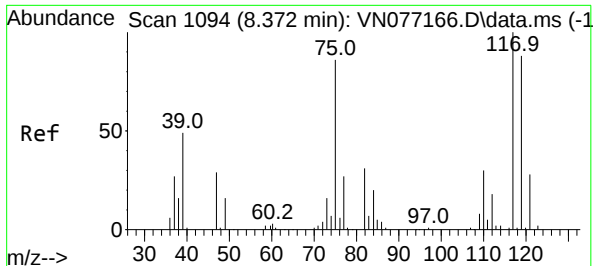
Ion Ratio Lower Upper

97 100

99 61.7 51.8 77.8

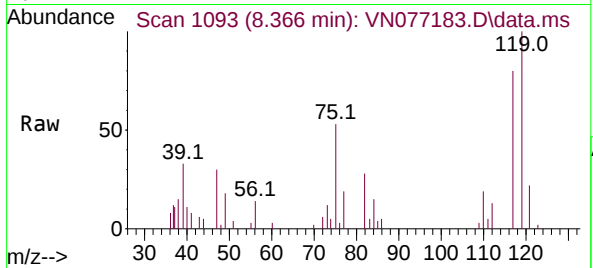
61 47.3 39.3 58.9





#33
Carbon Tetrachloride
Concen: 2.424 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

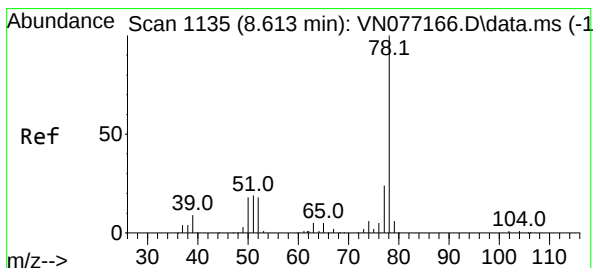
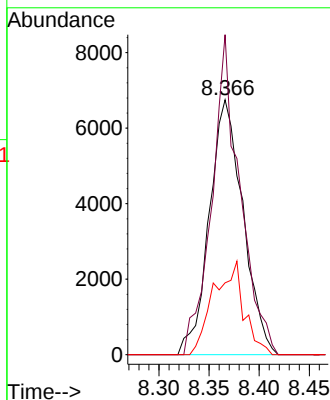
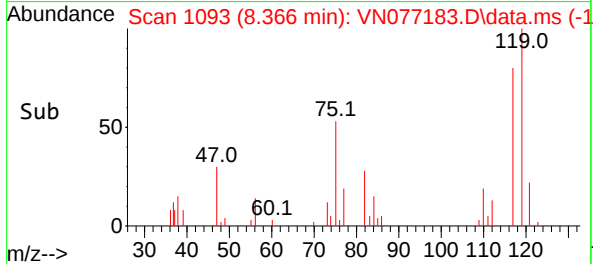
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



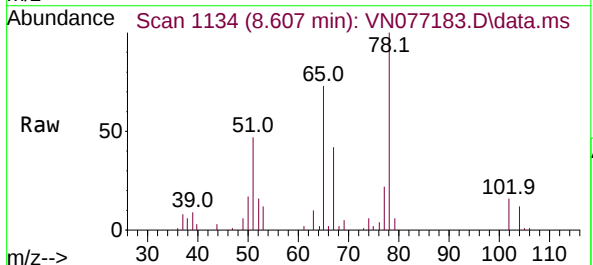
Tgt Ion:117 Resp: 1580
Ion Ratio Lower Upper
117 100
119 125.5 79.8 119.8
121 28.2 23.4 35.0

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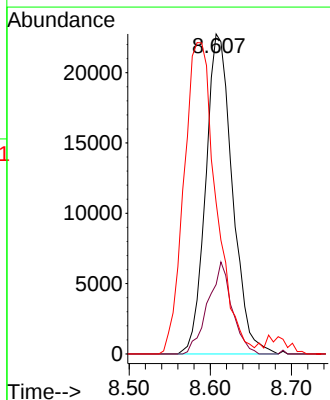
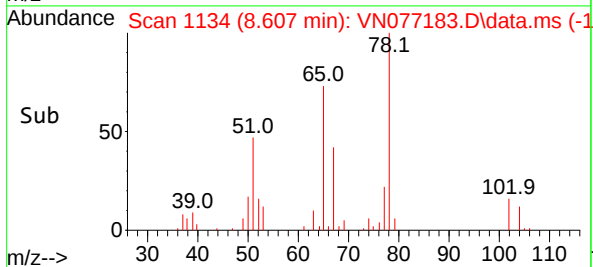
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

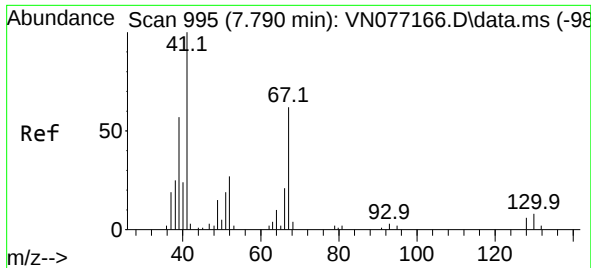


#34
Benzene
Concen: 2.642 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02



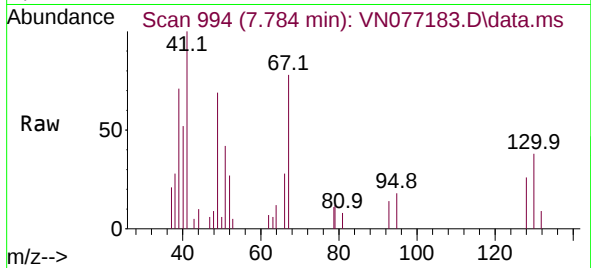
Tgt Ion: 78 Resp: 52106
Ion Ratio Lower Upper
78 100
77 21.7 17.4 26.2
51 41.9 13.8 20.6





#35
Methacrylonitrile
Concen: 2.319 ug/l m
RT: 7.784 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

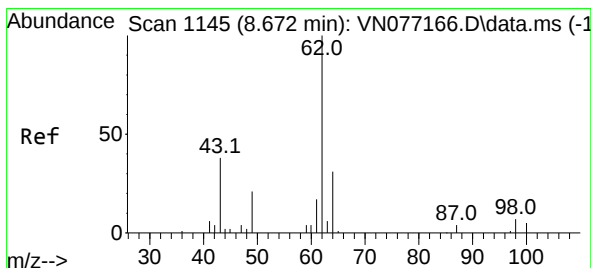
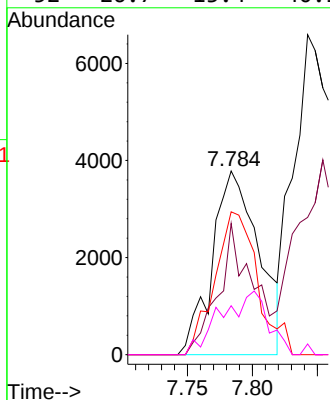
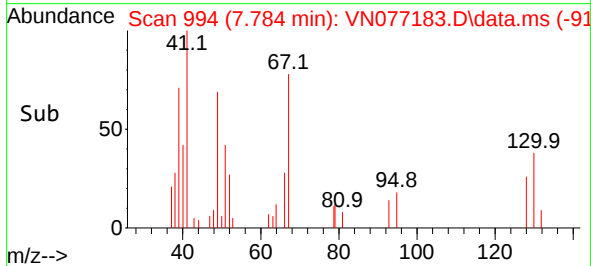
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 41 Resp: 945
Ion Ratio Lower Upper
41 100
39 71.5 26.6 79.7
67 77.7 32.3 96.9
52 26.7 13.4 40.1

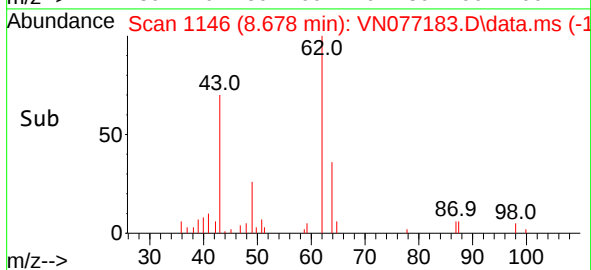
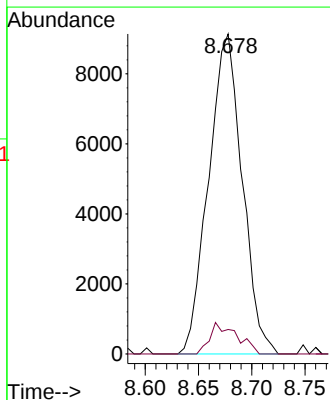
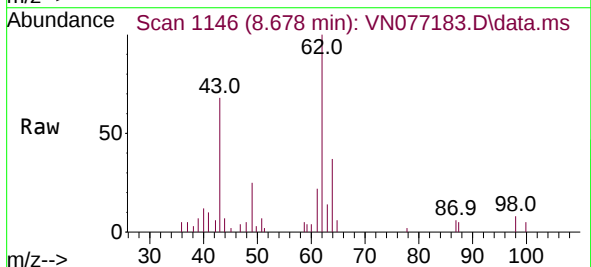
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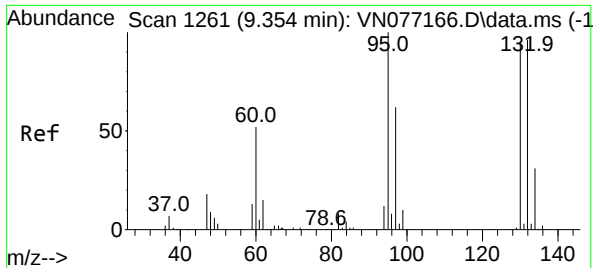
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#36
1,2-Dichloroethane
Concen: 2.755 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Tgt Ion: 62 Resp: 20035
Ion Ratio Lower Upper
62 100
98 3.8 7.4 11.0#





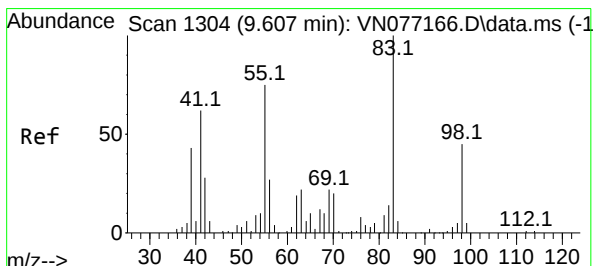
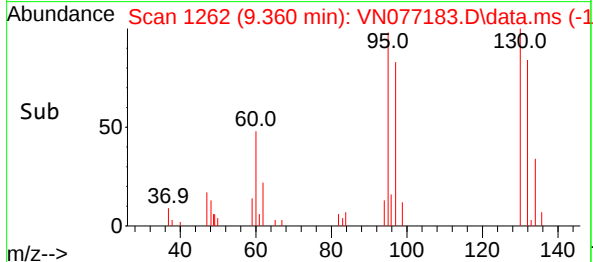
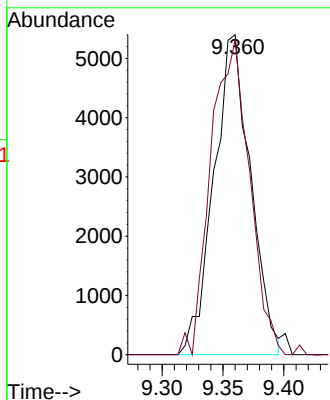
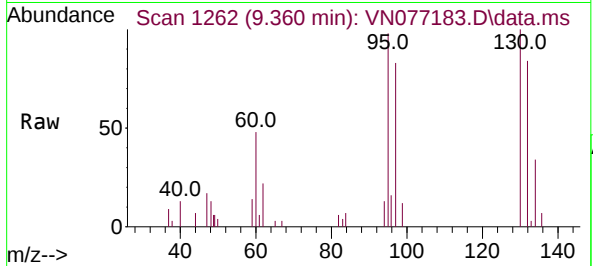
#37
Trichloroethene
Concen: 2.543 ug/l
RT: 9.360 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:130 Resp: 1134
Ion Ratio Lower Upper
130 100
95 98.4 78.7 118.1

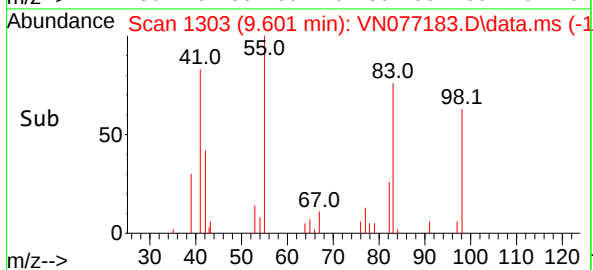
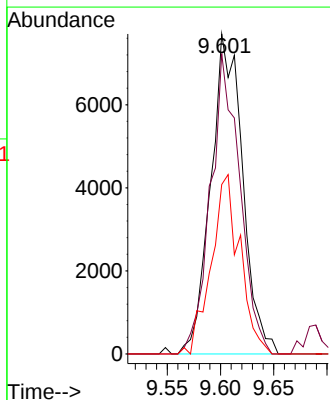
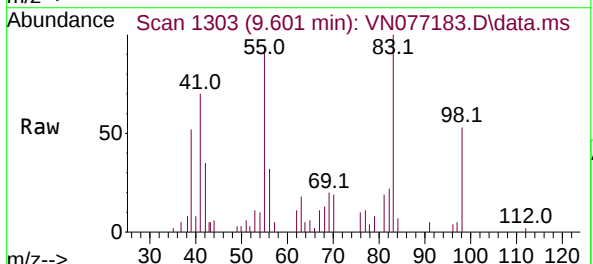
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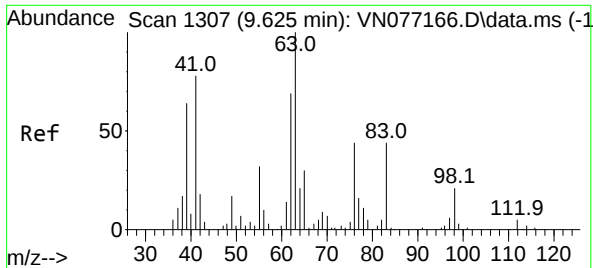
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#38
Methylcyclohexane
Concen: 2.087 ug/l
RT: 9.601 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

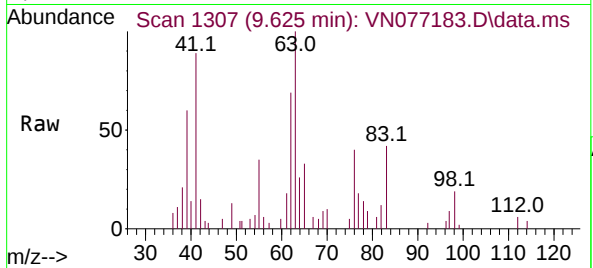
Tgt Ion: 83 Resp: 15988
Ion Ratio Lower Upper
83 100
55 86.4 37.6 112.9
98 50.2 24.1 72.4





#39
1,2-Dichloropropane
Concen: 2.610 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

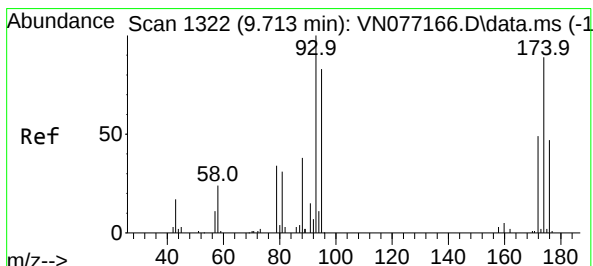
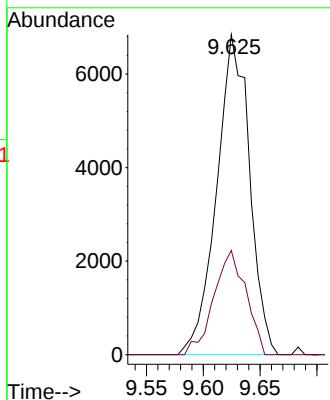
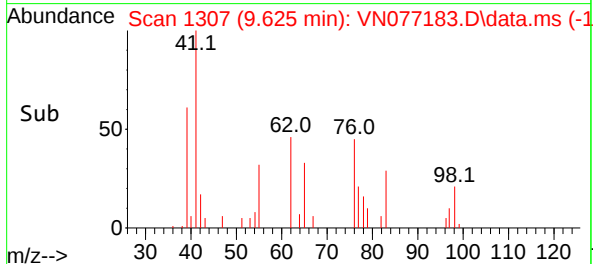
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



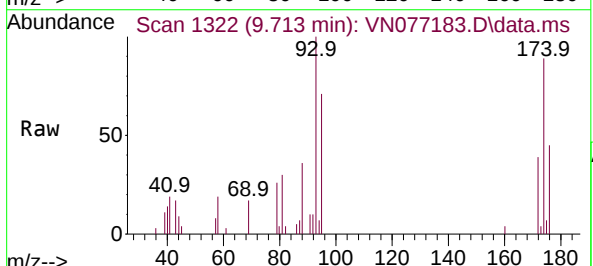
Tgt Ion: 63 Resp: 13780
Ion Ratio Lower Upper
63 100
65 32.5 27.2 40.8

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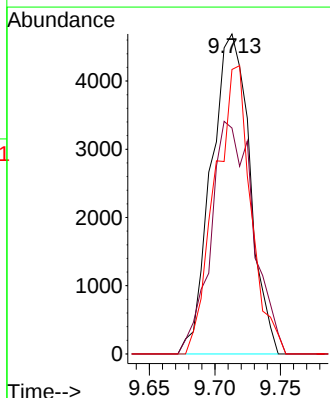
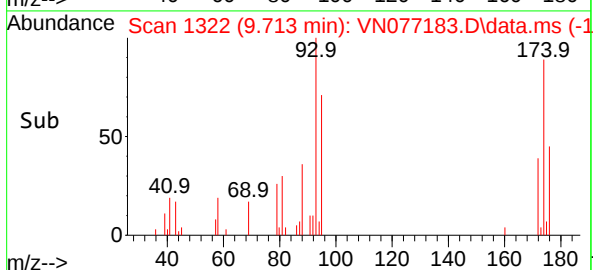
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

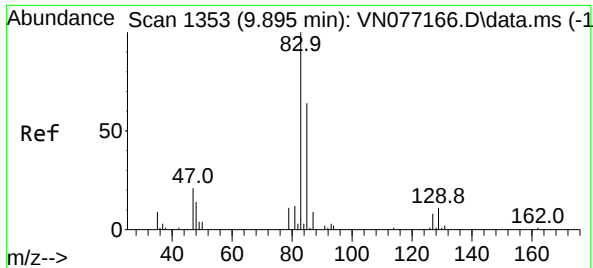


#40
Dibromomethane
Concen: 2.841 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02



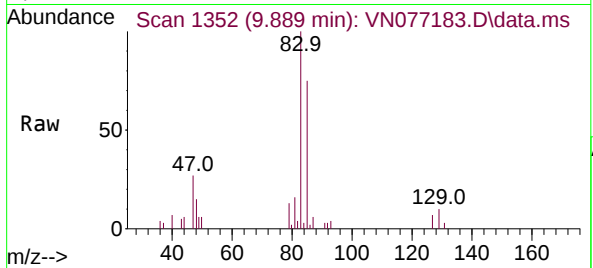
Tgt Ion: 93 Resp: 9595
Ion Ratio Lower Upper
93 100
95 55.2 0.0 158.0
174 84.0 0.0 171.2





#41
Bromodichloromethane
Concen: 2.441 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

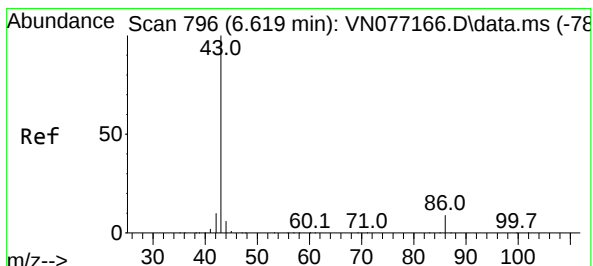
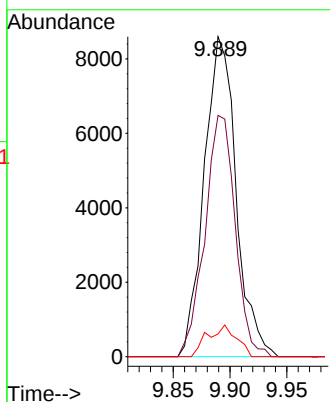
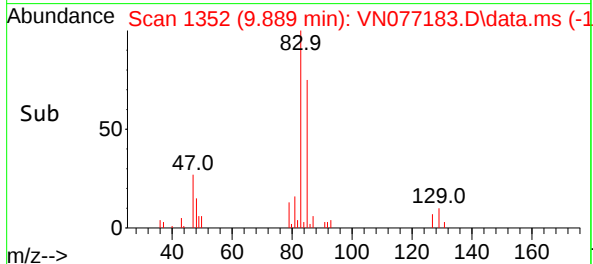
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 83 Resp: 1678
Ion Ratio Lower Upper
83 100
85 75.4 51.0 76.4
127 7.1 6.2 9.2

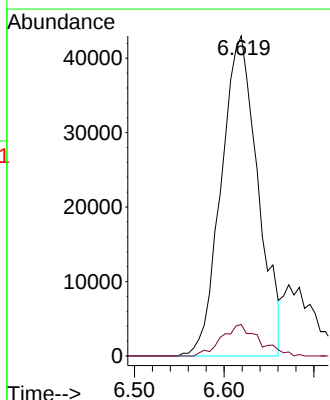
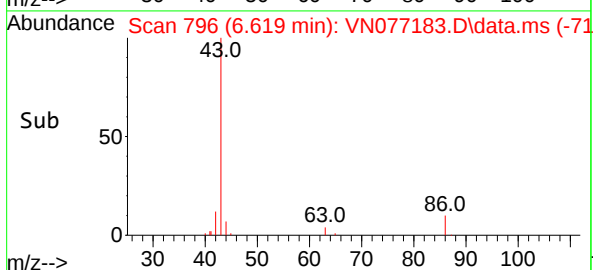
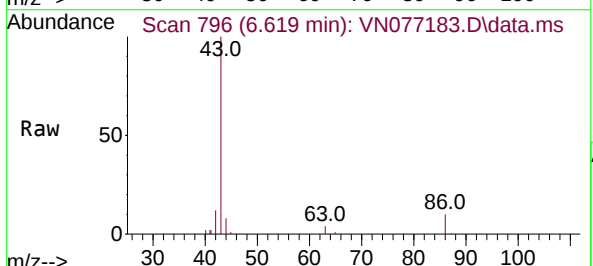
Manual Integrations
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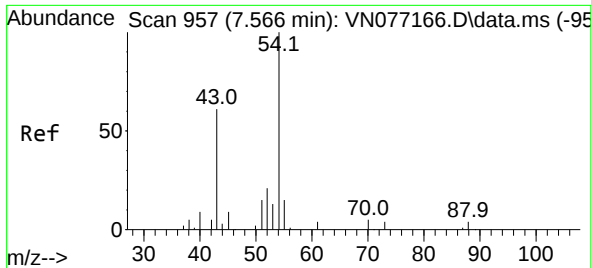
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#42
Vinyl Acetate
Concen: 10.985 ug/l
RT: 6.619 min Scan# 796
Delta R.T. 0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Tgt Ion: 43 Resp: 122232
Ion Ratio Lower Upper
43 100
86 7.4 7.8 11.6#





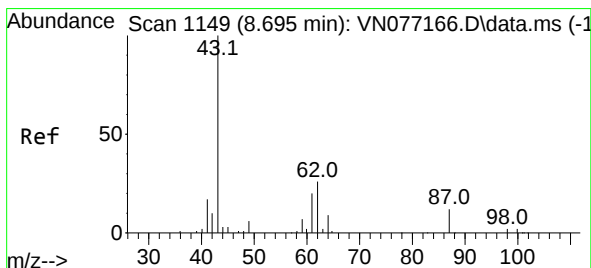
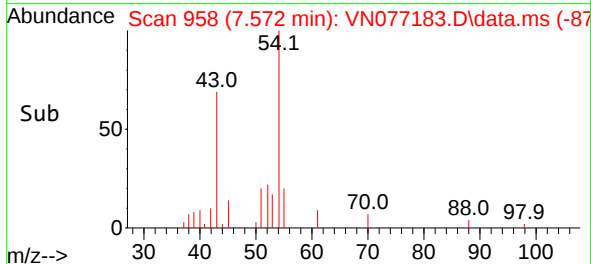
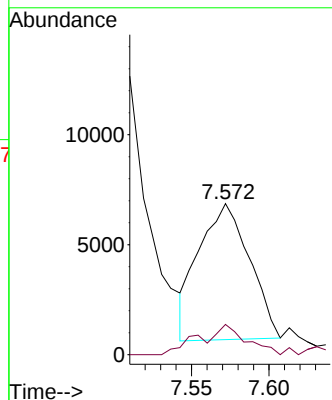
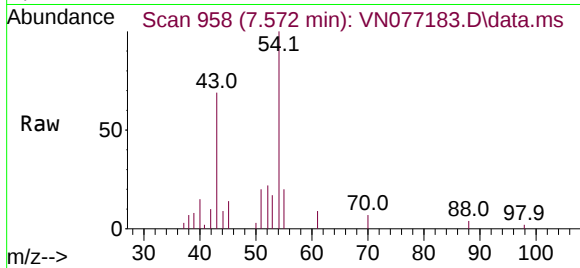
#43
Ethyl Acetate
Concen: 1.898 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 14070
Ion Ratio Lower Upper
43 100
45 13.2 11.2 16.8

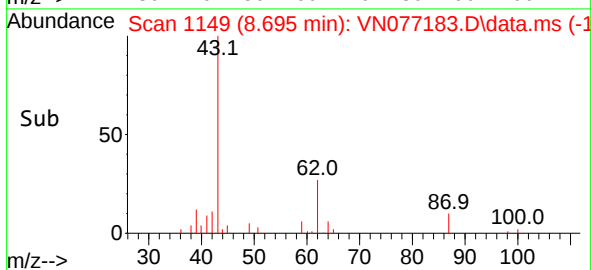
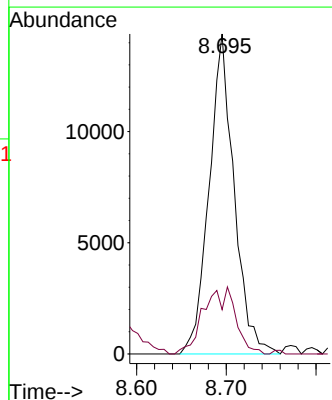
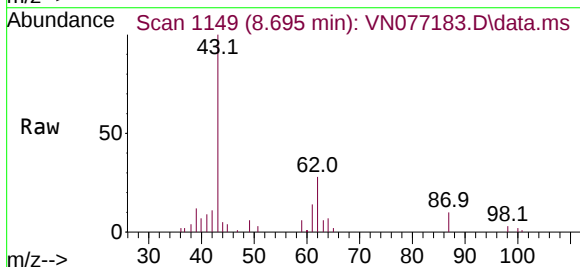
Manual Integrations
APPROVED

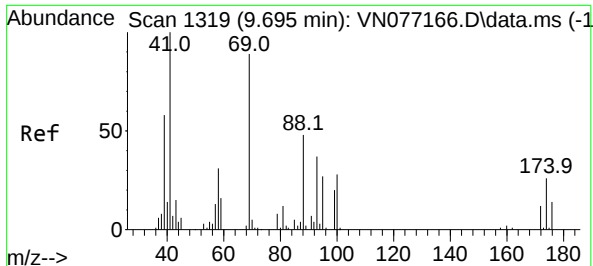
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#44
Isopropyl Acetate
Concen: 2.323 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Tgt Ion: 43 Resp: 27801
Ion Ratio Lower Upper
43 100
61 10.1 19.5 29.3#





#45

1,4-Dioxane

Concen: 48.162 ug/l m

RT: 9.719 min Scan# 1

Delta R.T. 0.024 min

Lab File: VN077183.D

Acq: 24 Mar 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 88 Resp: 468

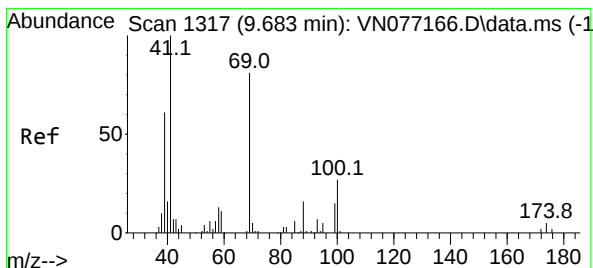
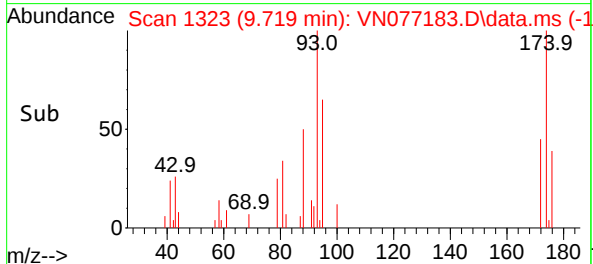
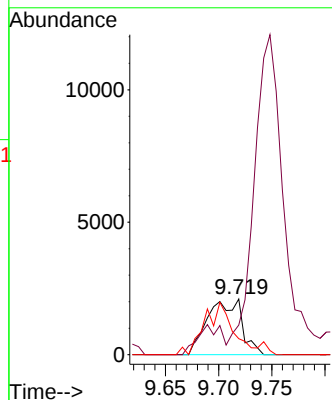
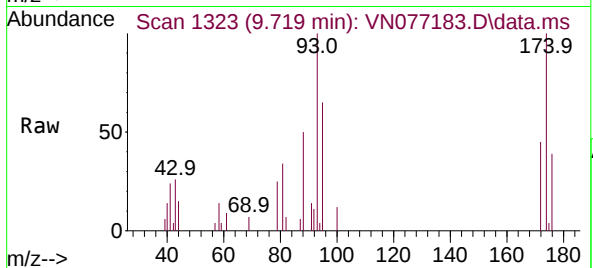
Ion	Ratio	Lower	Upper
88	100		
43	26.3	26.0	39.0
58	77.4	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#46

Methyl methacrylate

Concen: 2.256 ug/l

RT: 9.684 min Scan# 1317

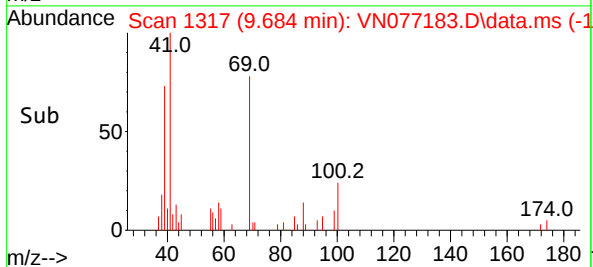
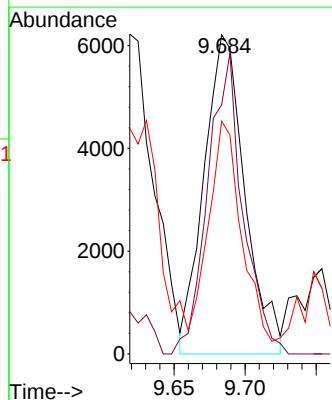
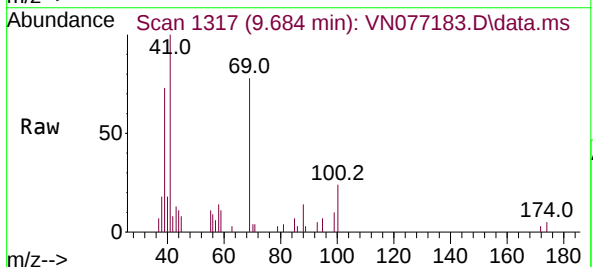
Delta R.T. 0.001 min

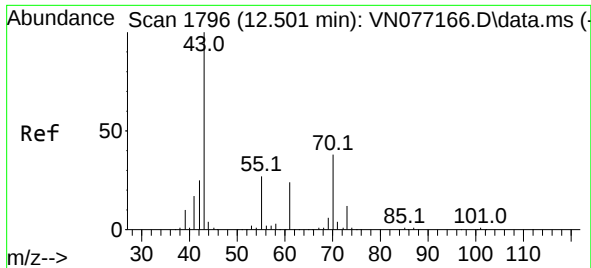
Lab File: VN077183.D

Acq: 24 Mar 2023 17:02

Tgt Ion: 41 Resp: 12447

Ion	Ratio	Lower	Upper
41	100		
69	79.1	40.6	121.7
39	71.9	30.5	91.5





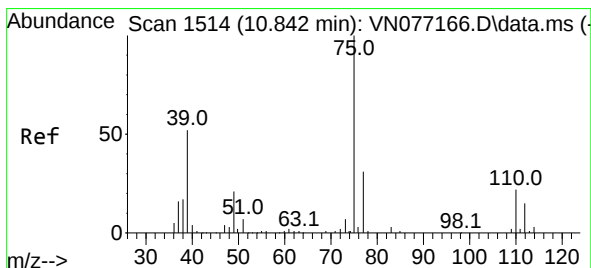
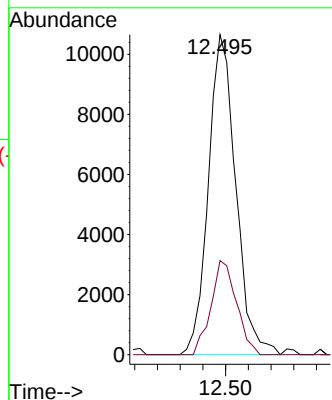
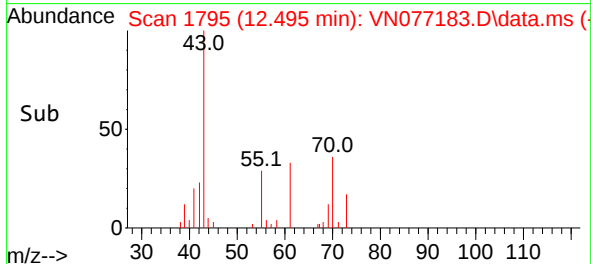
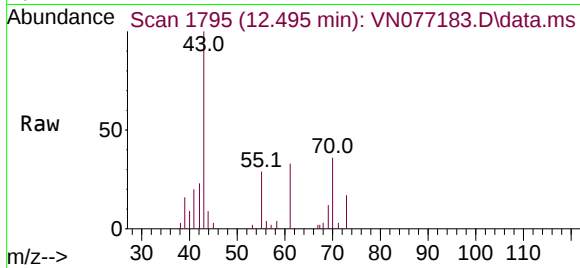
#47
n-amyl acetate
Concen: 1.773 ug/l
RT: 12.495 min Scan# 1785
Delta R.T. -0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 1785
Ion Ratio Lower Upper
43 100
55 27.3 18.3 27.5

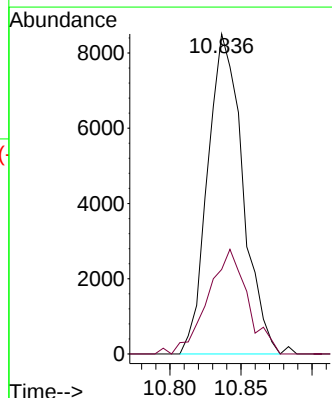
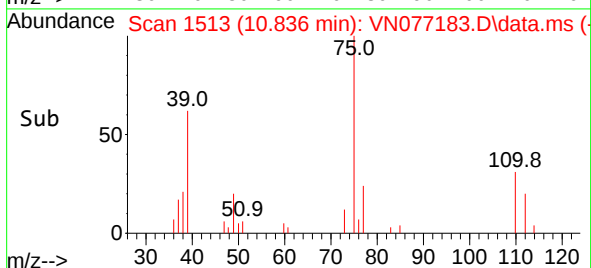
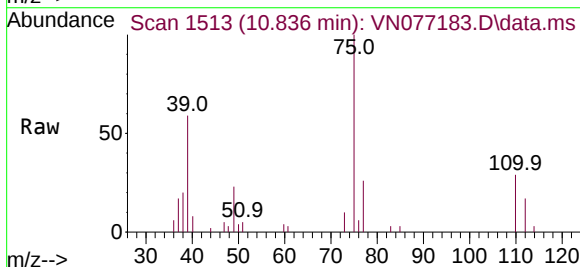
Manual Integrations
APPROVED

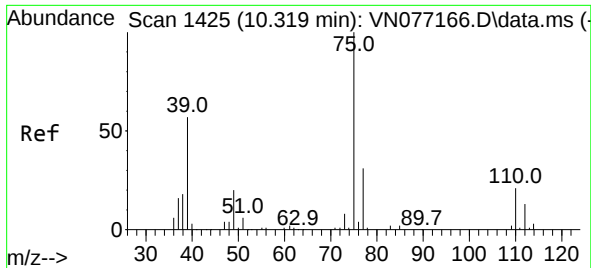
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#48
t-1,3-Dichloropropene
Concen: 2.089 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

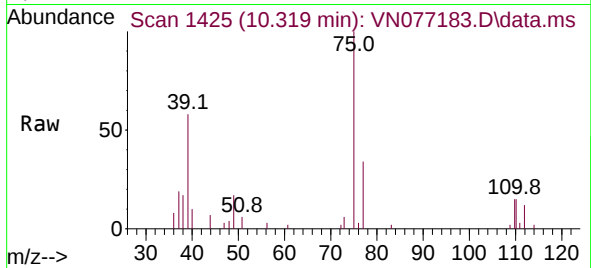
Tgt Ion: 75 Resp: 14590
Ion Ratio Lower Upper
75 100
77 26.4 25.4 38.2





#49
 cis-1,3-Dichloropropene
 Concen: 2.299 ug/l
 RT: 10.319 min Scan# 1425
 Delta R.T. -0.000 min
 Lab File: VN077183.D
 Acq: 24 Mar 2023 17:02

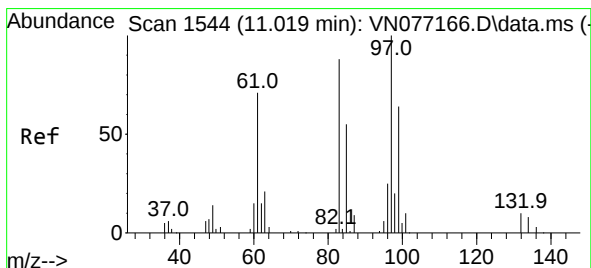
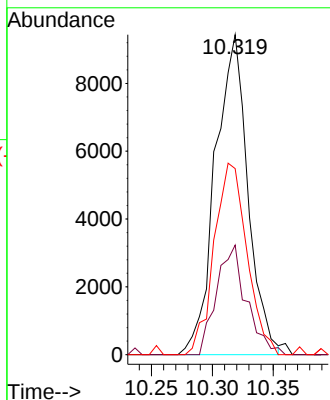
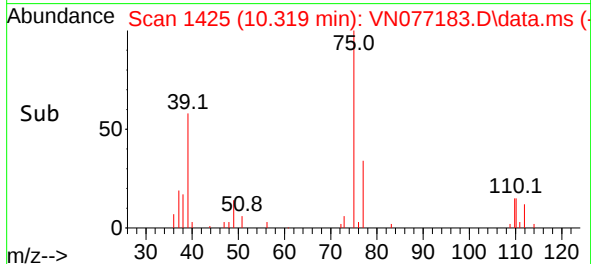
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 75 Resp: 17579
 Ion Ratio Lower Upper
 75 100
 77 34.3 27.5 41.3
 39 58.2 43.5 65.3

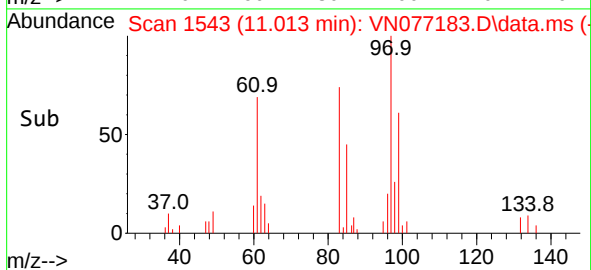
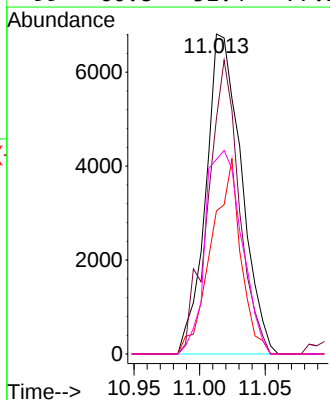
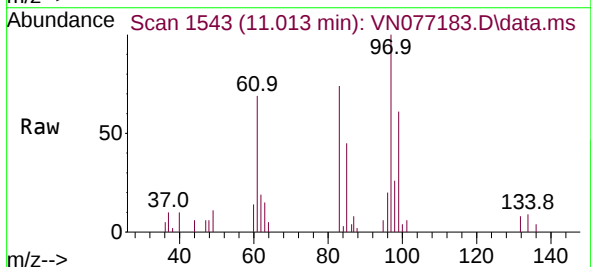
Manual Integrations
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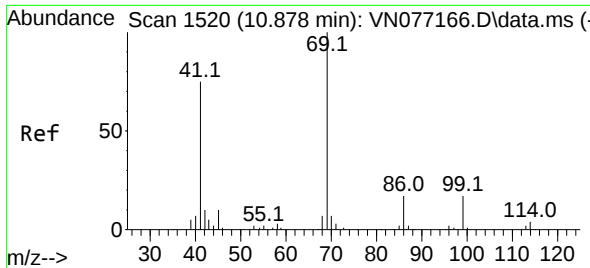
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023



#50
 1,1,2-Trichloroethane
 Concen: 2.710 ug/l
 RT: 11.013 min Scan# 1543
 Delta R.T. -0.006 min
 Lab File: VN077183.D
 Acq: 24 Mar 2023 17:02

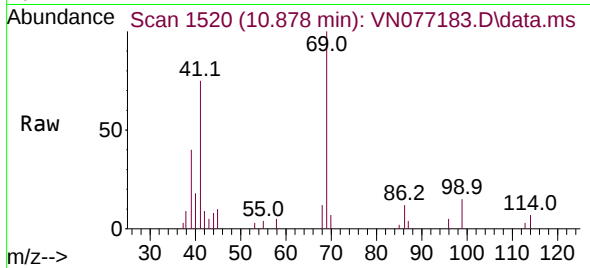
Tgt Ion: 97 Resp: 12845
 Ion Ratio Lower Upper
 97 100
 83 73.6 71.0 106.4
 85 44.7 45.5 68.3#
 99 60.8 51.4 77.2





#51
Ethyl methacrylate
Concen: 1.851 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

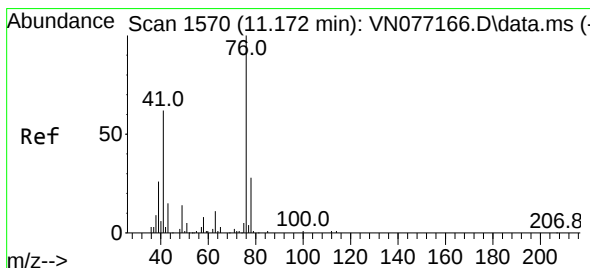
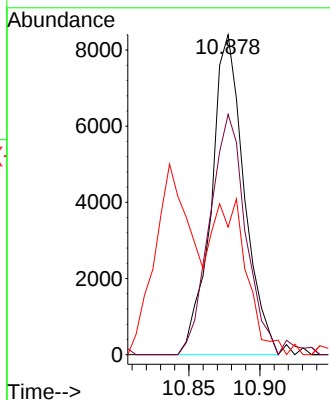
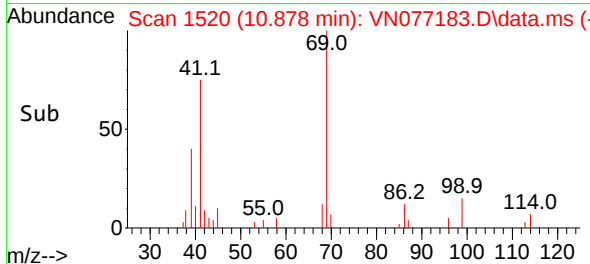
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



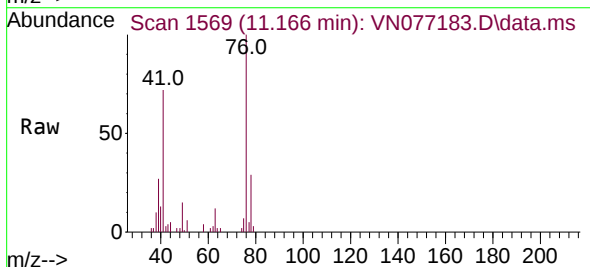
Tgt Ion: 69 Resp: 13549
Ion Ratio Lower Upper
69 100
41 75.1 36.3 108.7
39 35.4 19.9 59.7

Manual Integrations
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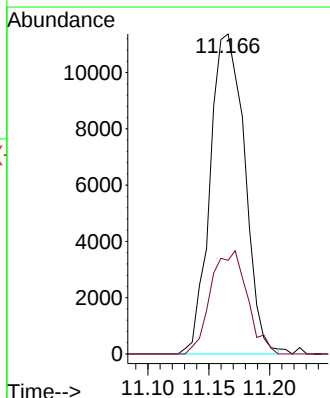
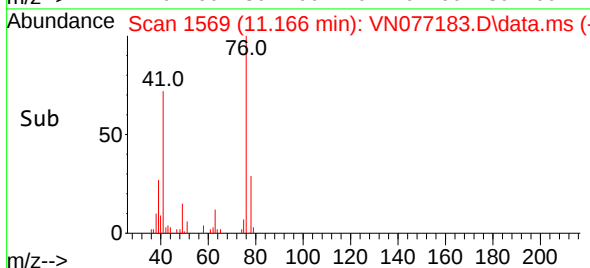
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

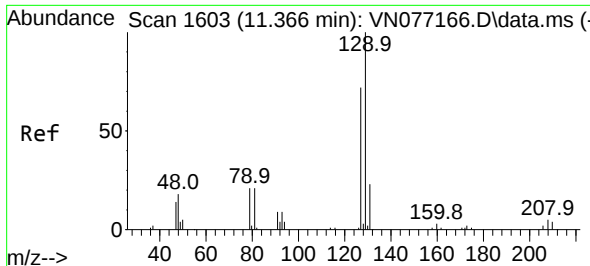


#52
1,3-Dichloropropane
Concen: 2.669 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02



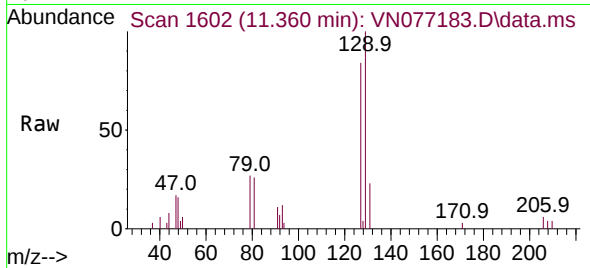
Tgt Ion: 76 Resp: 22459
Ion Ratio Lower Upper
76 100
78 34.0 0.0 65.4





#53
Dibromochloromethane
Concen: 2.205 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

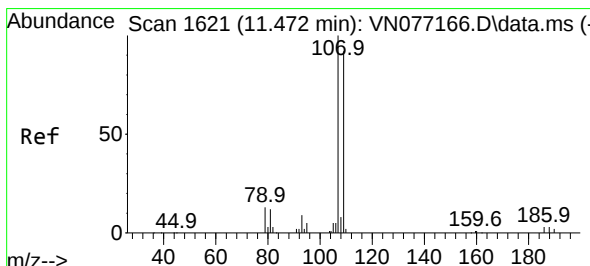
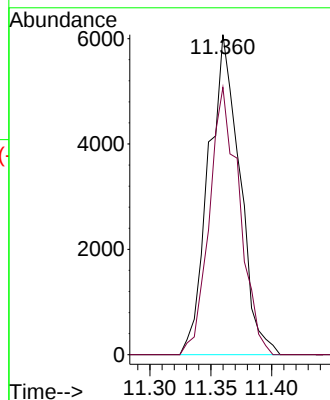
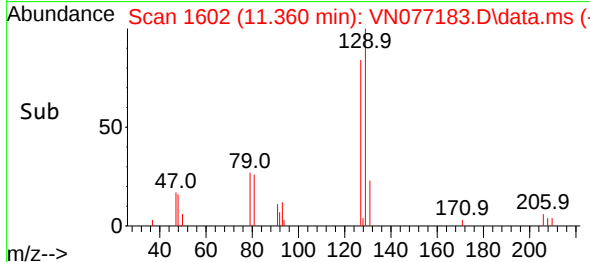
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:129 Resp: 1082
Ion Ratio Lower Upper
129 100
127 80.4 39.4 118.1

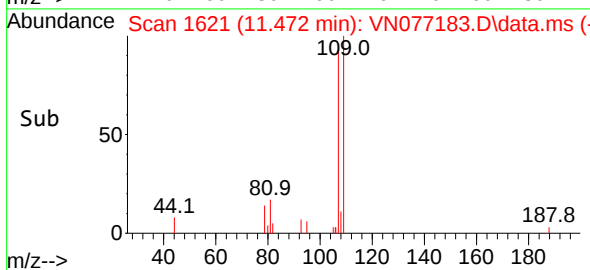
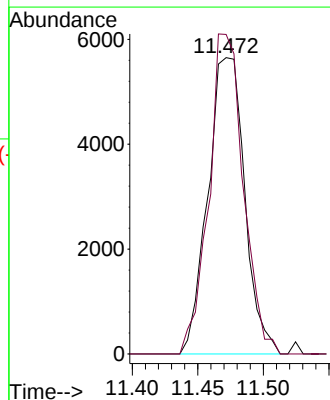
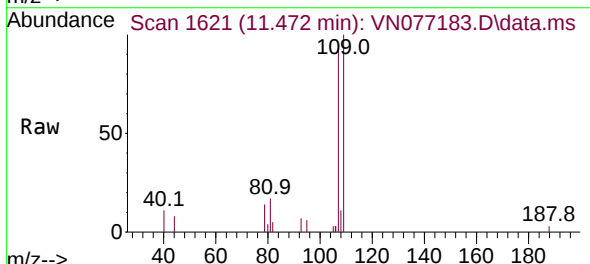
Manual Integrations
APPROVED

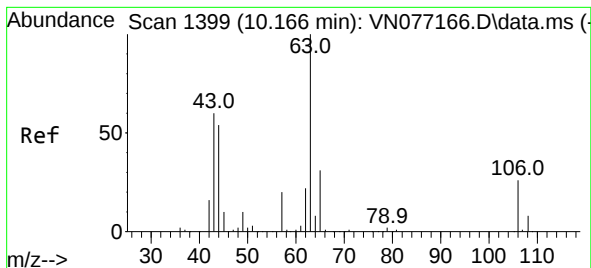
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#54
1,2-Dibromoethane
Concen: 2.366 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Tgt Ion:107 Resp: 11035
Ion Ratio Lower Upper
107 100
109 101.2 74.6 112.0





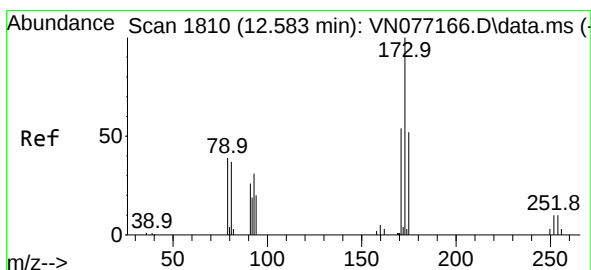
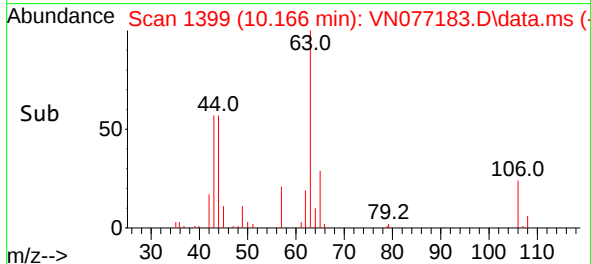
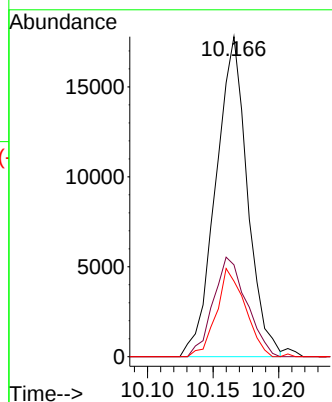
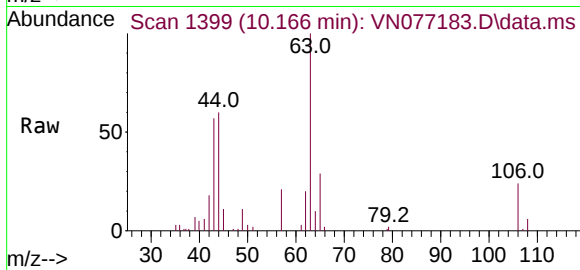
#55
2-Chloroethyl vinyl ether
Concen: 9.752 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 63 Resp: 2984
Ion Ratio Lower Upper
63 100
65 32.8 26.3 39.5
106 25.0 21.6 32.4

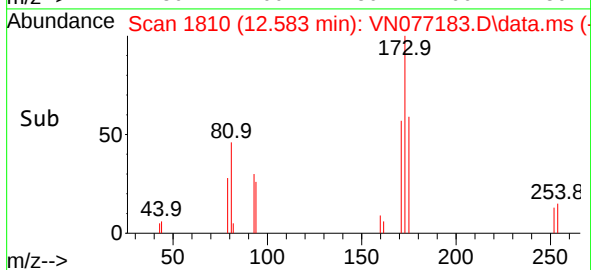
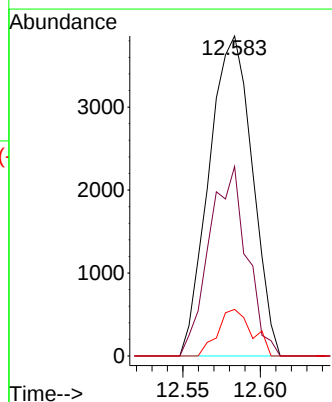
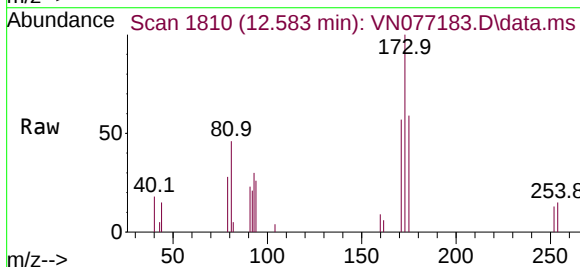
Manual Integrations
APPROVED

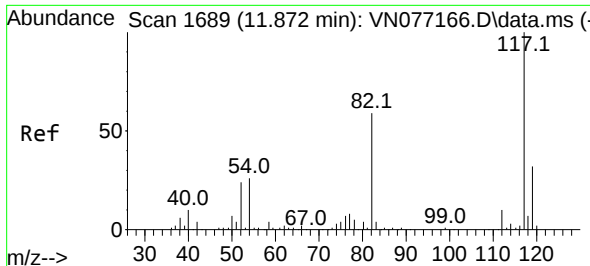
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#56
Bromoform
Concen: 2.175 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Tgt Ion:173 Resp: 7490
Ion Ratio Lower Upper
173 100
175 51.7 37.8 56.6
254 11.5 7.3 10.9#





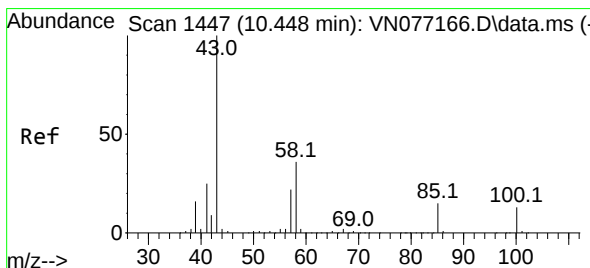
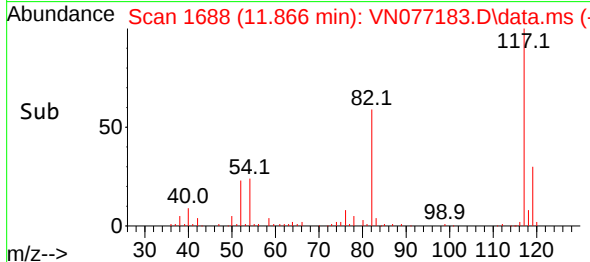
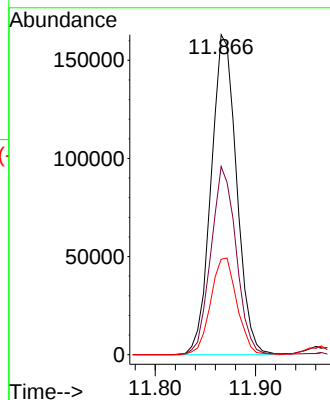
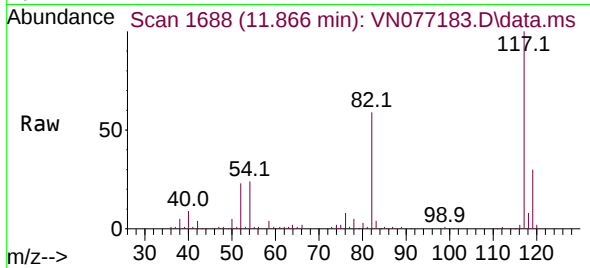
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:117 Resp: 287652
Ion Ratio Lower Upper
117 100
82 58.4 45.4 68.0
119 31.1 26.8 40.2

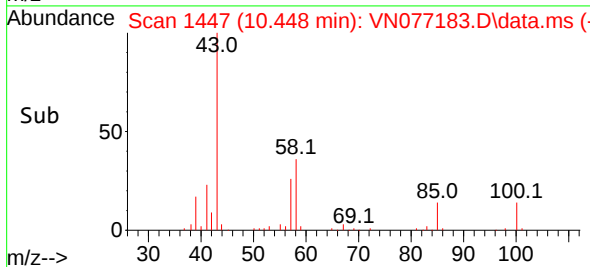
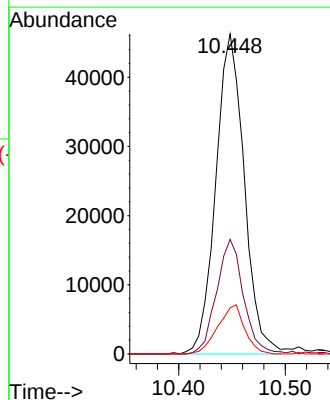
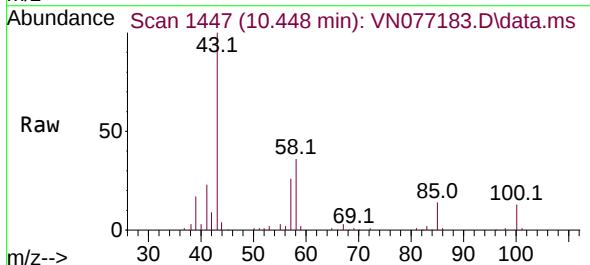
Manual Integrations
APPROVED

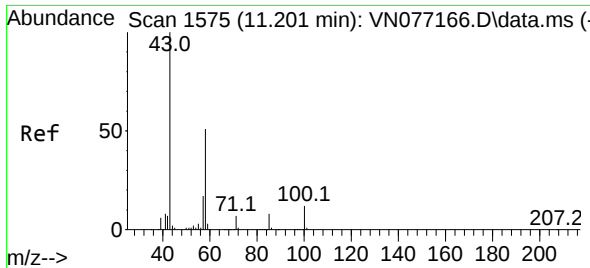
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#58
4-Methyl-2-Pentanone
Concen: 11.541 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Tgt Ion: 43 Resp: 85684
Ion Ratio Lower Upper
43 100
58 33.9 28.6 42.8
85 14.5 11.8 17.8





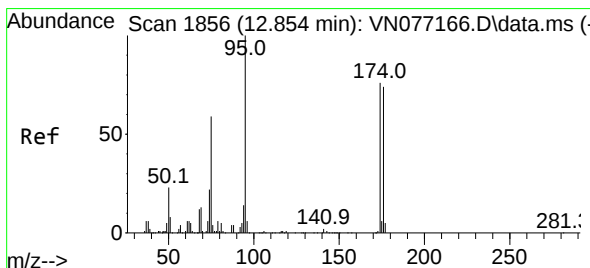
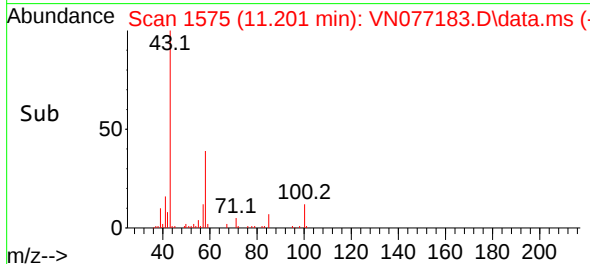
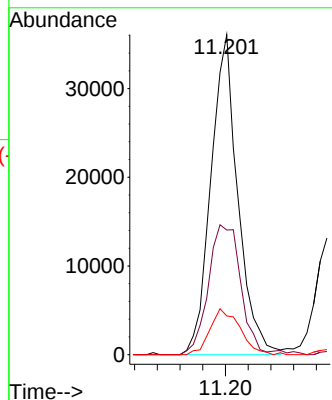
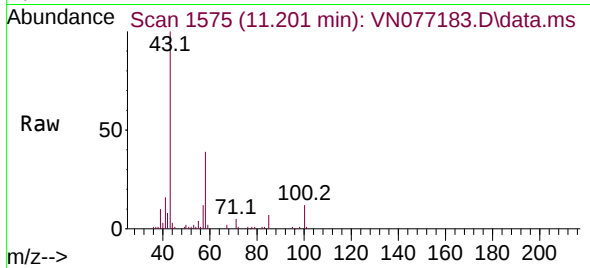
#59
2-Hexanone
Concen: 10.996 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 5952
Ion Ratio Lower Upper
43 100
58 48.4 40.6 60.8
57 15.9 13.1 19.7

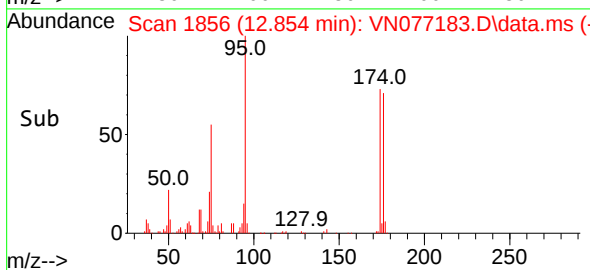
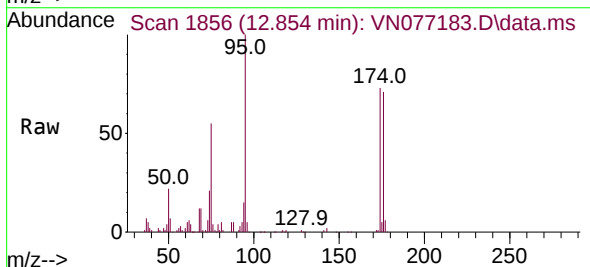
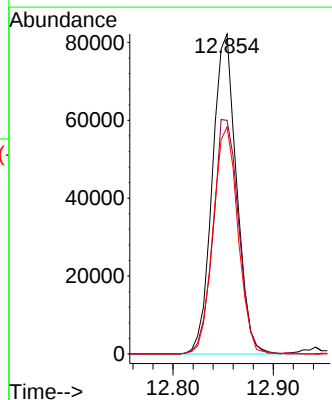
Manual Integrations
APPROVED

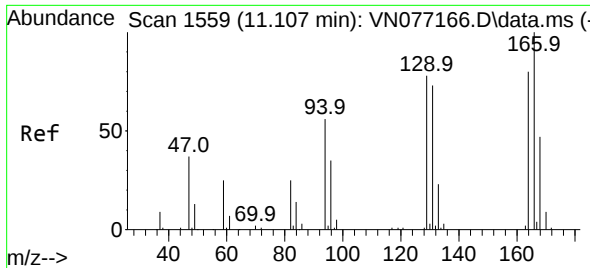
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#60
4-Bromofluorobenzene
Concen: 26.679 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

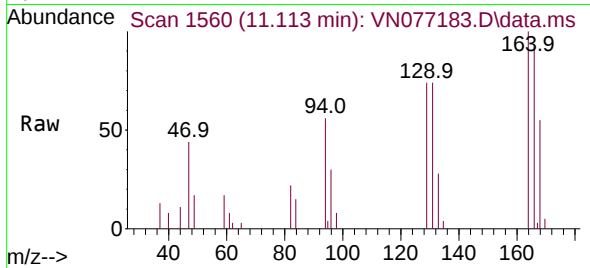
Tgt Ion: 95 Resp: 137864
Ion Ratio Lower Upper
95 100
174 76.9 64.2 96.4
176 72.7 61.4 92.0





#61
Tetrachloroethene
Concen: 2.788 ug/l
RT: 11.113 min Scan# 1560
Delta R.T. 0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

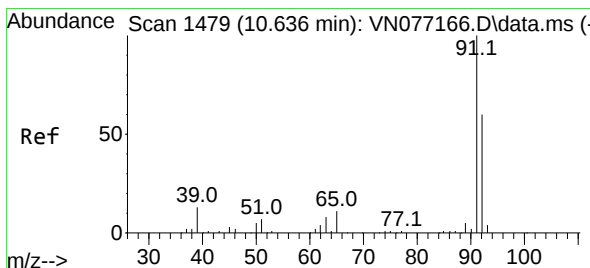
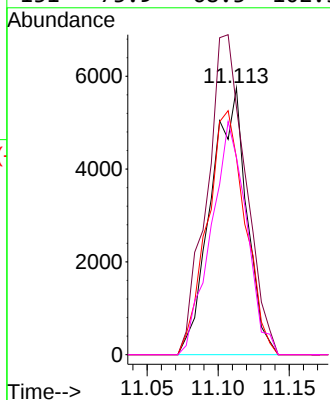
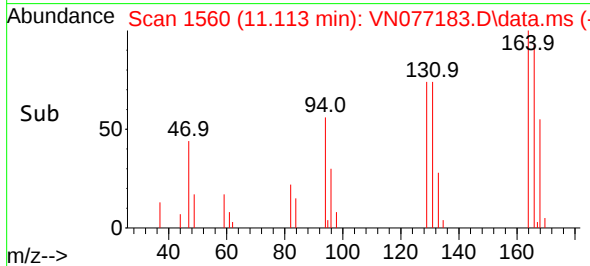
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



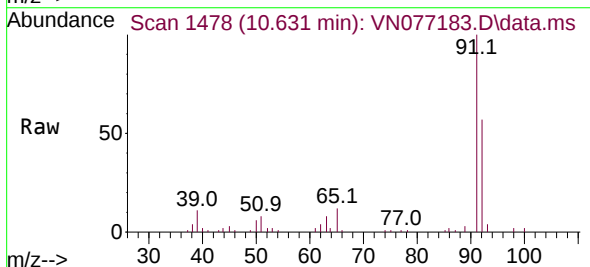
Tgt Ion:164 Resp: 1006
Ion Ratio Lower Upper
164 100
166 92.8 96.2 144.2
129 73.8 78.2 117.4
131 73.9 68.3 102.5

Manual Integrations
APPROVED

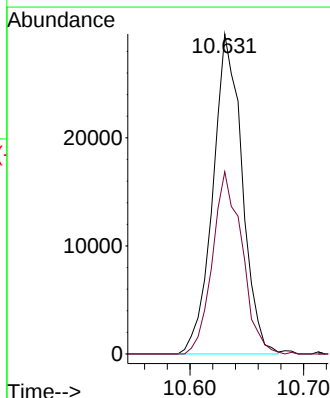
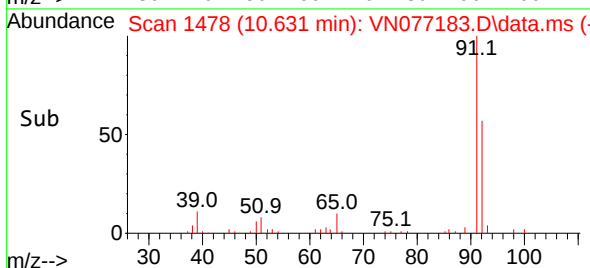
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

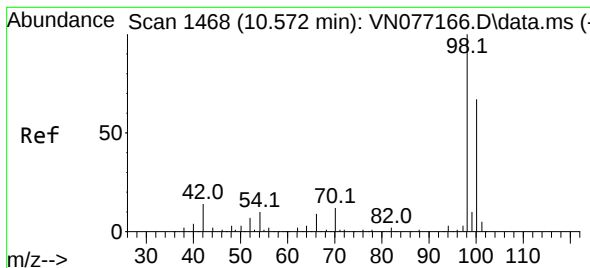


#62
Toluene
Concen: 2.618 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. -0.005 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02



Tgt Ion: 91 Resp: 52921
Ion Ratio Lower Upper
91 100
92 57.5 46.3 69.5





#63

Toluene-d8

Concen: 30.196 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077183.D

Acq: 24 Mar 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 98 Resp: 31059

Ion Ratio Lower Upper

98 100

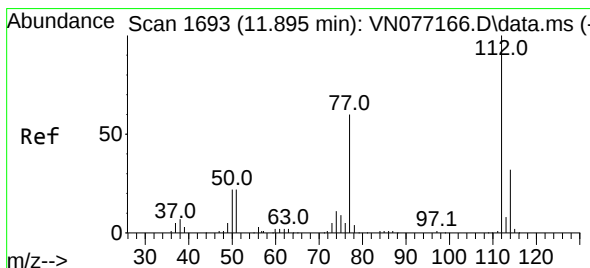
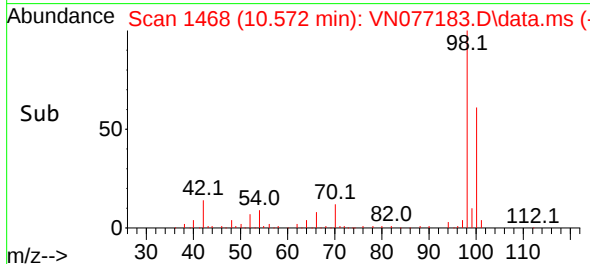
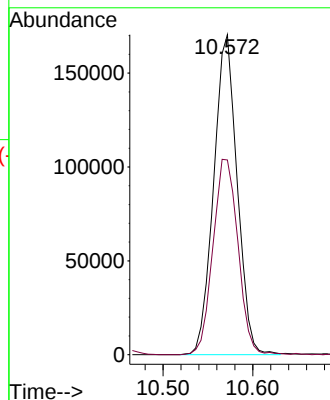
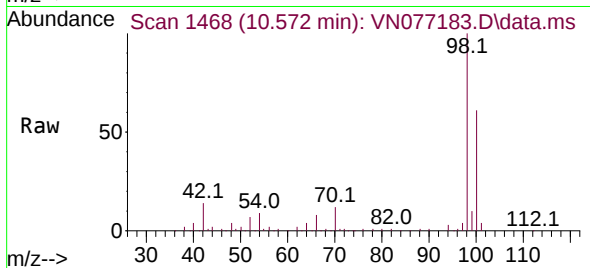
100 65.0 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#64

Chlorobenzene

Concen: 2.535 ug/l

RT: 11.889 min Scan# 1692

Delta R.T. -0.006 min

Lab File: VN077183.D

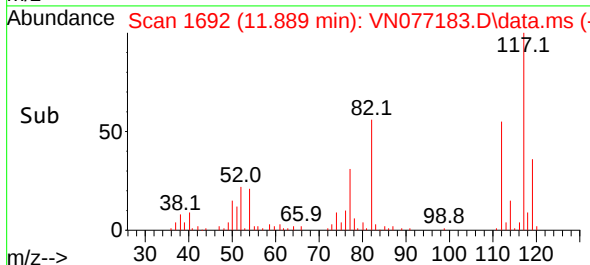
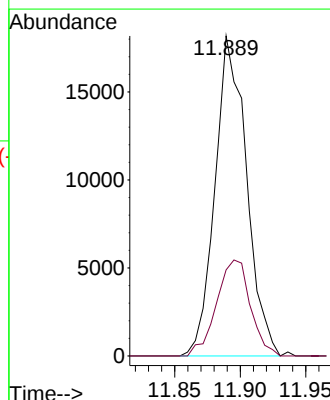
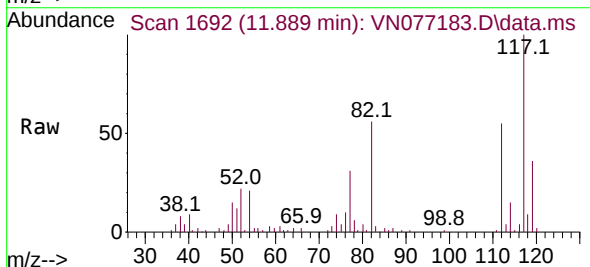
Acq: 24 Mar 2023 17:02

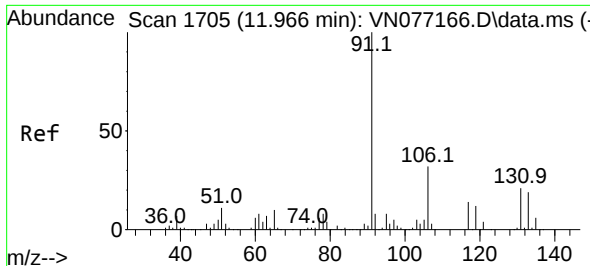
Tgt Ion:112 Resp: 30325

Ion Ratio Lower Upper

112 100

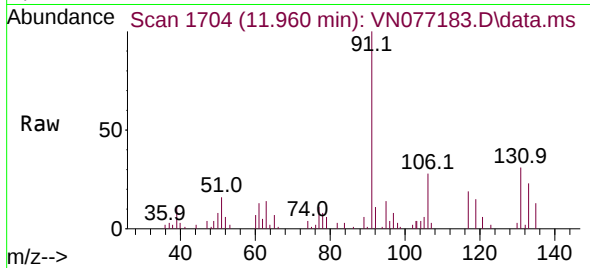
114 26.9 24.5 36.7





#65
1,1,1,2-Tetrachloroethane
Concen: 2.691 ug/l
RT: 11.960 min Scan# 1182
Delta R.T. -0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

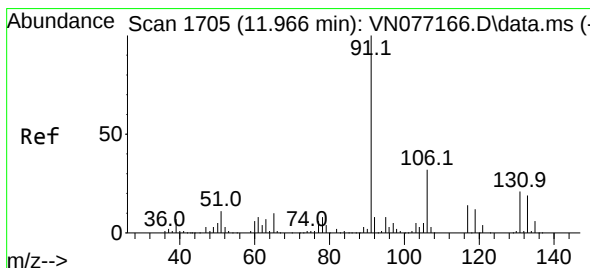
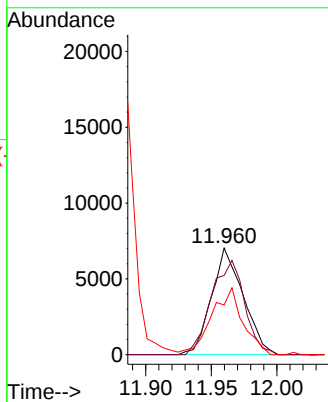
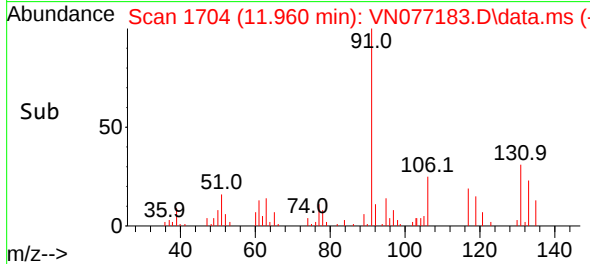
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



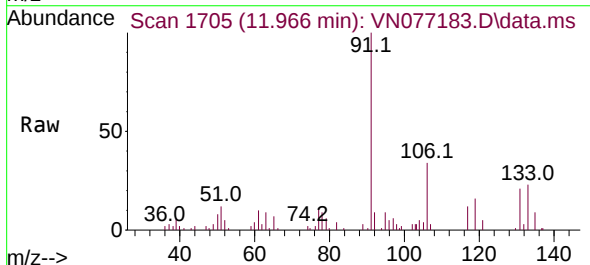
Tgt Ion:131 Resp: 1182
Ion Ratio Lower Upper
131 100
133 93.3 0.0 197.6
119 62.0 0.0 127.8

Manual Integrations
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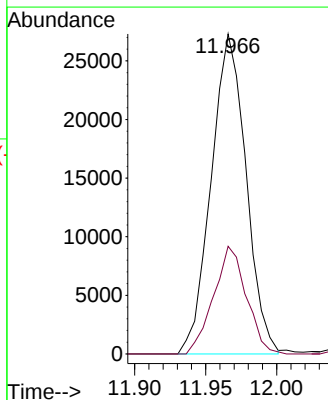
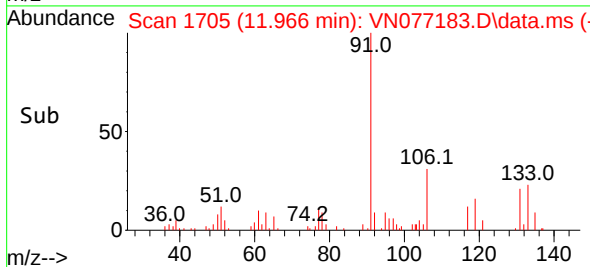
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

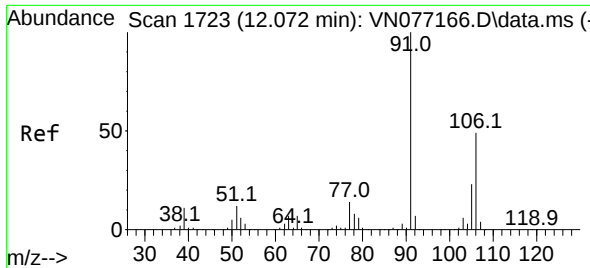


#66
Ethyl Benzene
Concen: 2.145 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02



Tgt Ion: 91 Resp: 46589
Ion Ratio Lower Upper
91 100
106 33.6 23.8 35.8





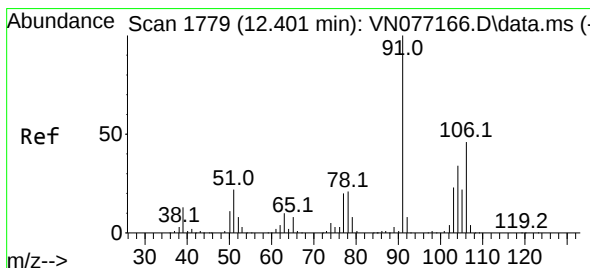
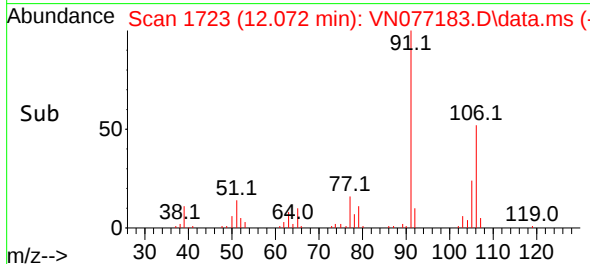
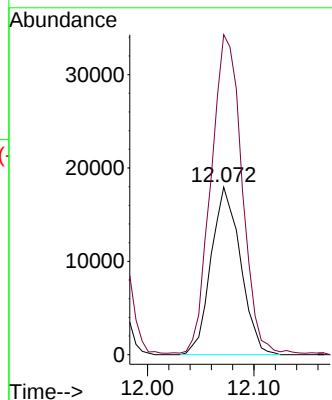
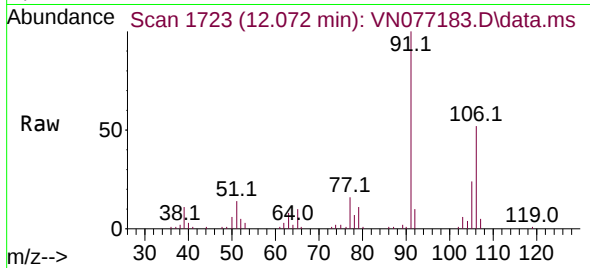
#67
m/p-Xylenes
Concen: 4.134 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:106 Resp: 34560
Ion Ratio Lower Upper
106 100
91 198.5 157.4 236.2

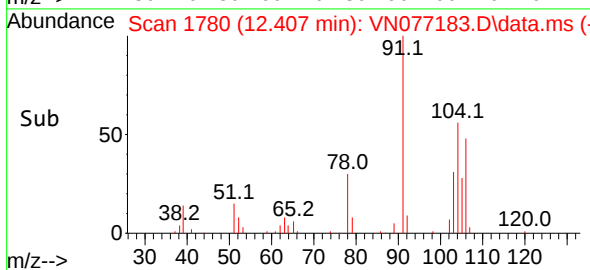
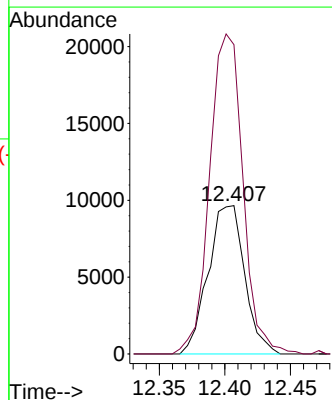
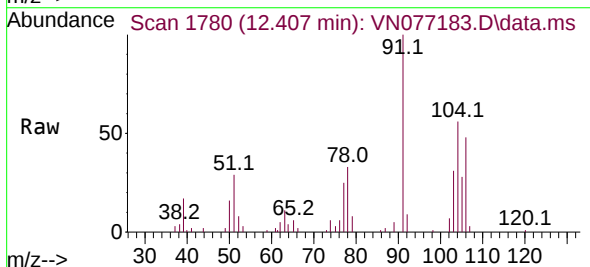
Manual Integrations
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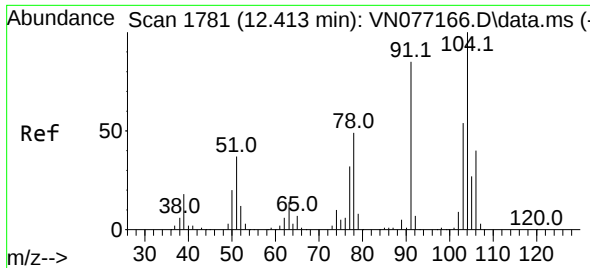
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#68
o-Xylene
Concen: 2.284 ug/l
RT: 12.407 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Tgt Ion:106 Resp: 18694
Ion Ratio Lower Upper
106 100
91 196.7 107.2 321.6





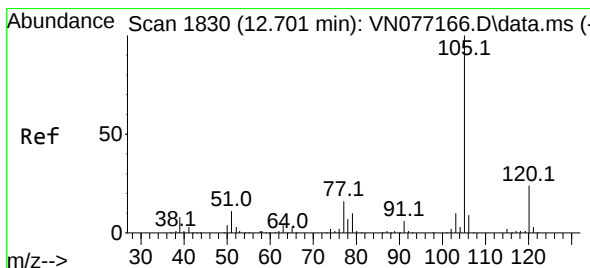
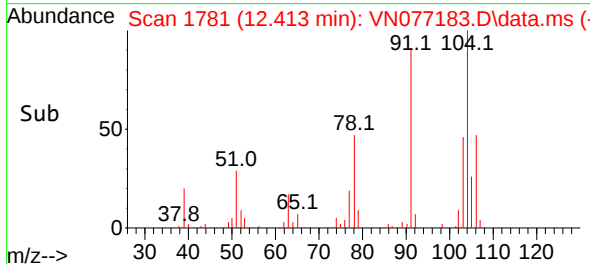
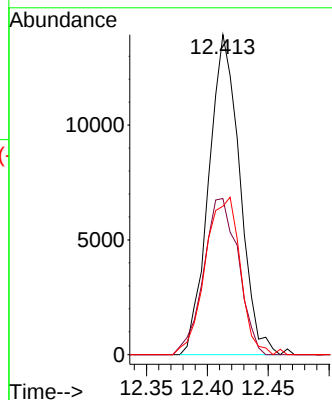
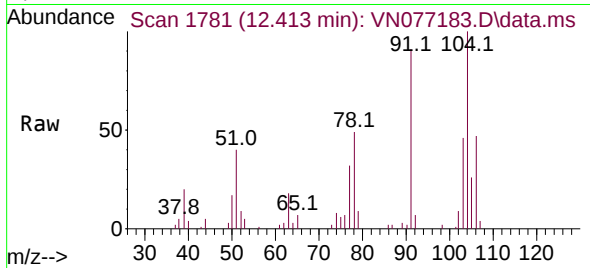
#69
Styrene
Concen: 1.860 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:104 Resp: 24725
Ion Ratio Lower Upper
104 100
78 54.6 39.6 59.4
103 55.2 43.9 65.9

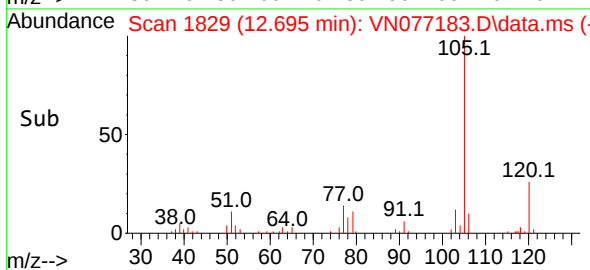
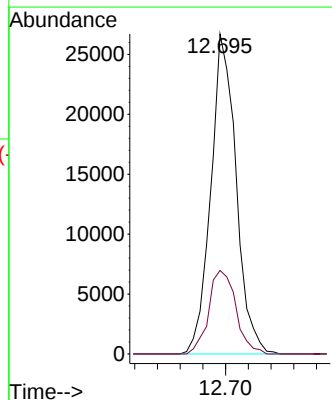
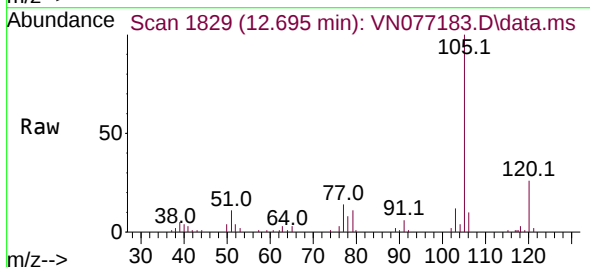
Manual Integrations
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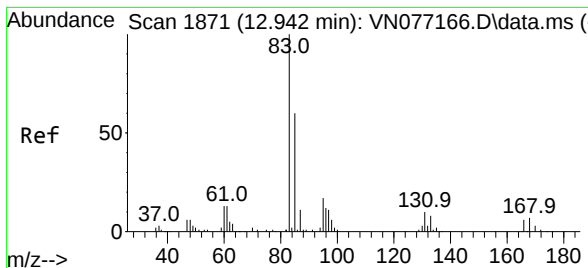
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#70
Isopropylbenzene
Concen: 1.944 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

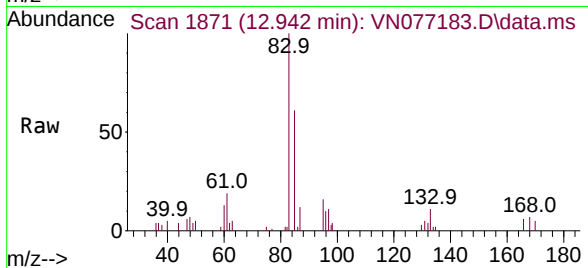
Tgt Ion:105 Resp: 41267
Ion Ratio Lower Upper
105 100
120 28.0 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 2.641 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

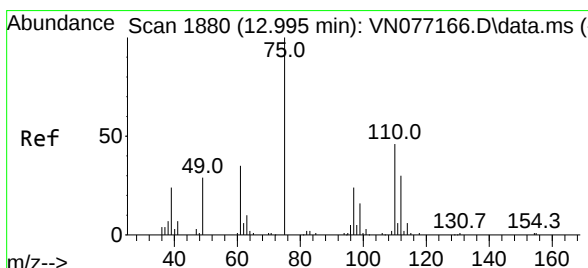
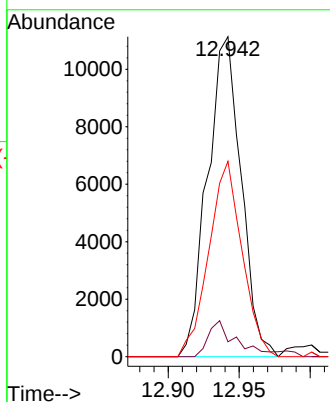
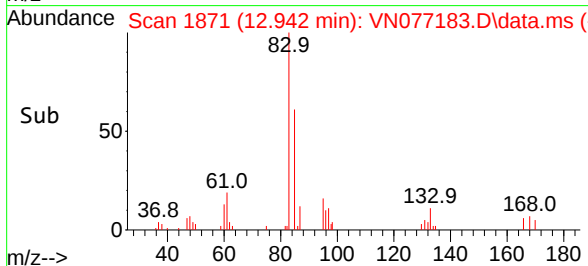
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



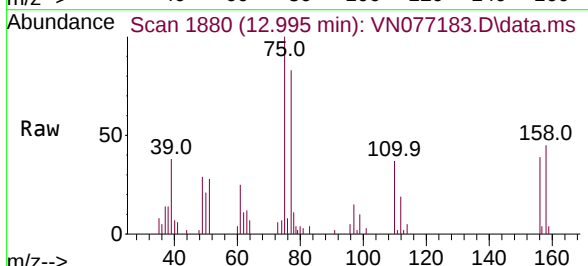
Tgt Ion: 83 Resp: 18350
Ion Ratio Lower Upper
83 100
131 9.1 5.0 14.9
85 60.4 32.3 96.9

Manual Integrations
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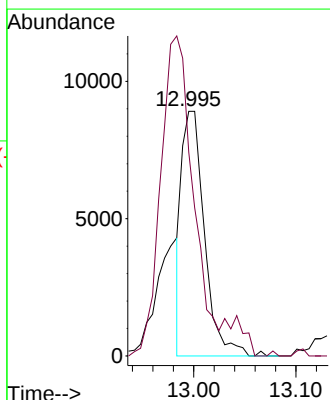
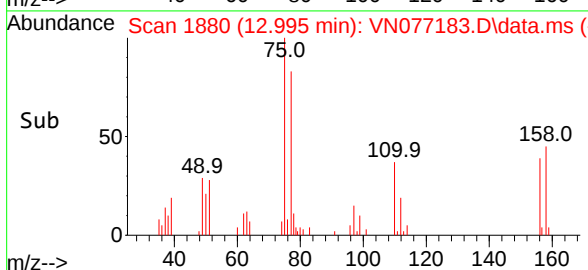
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

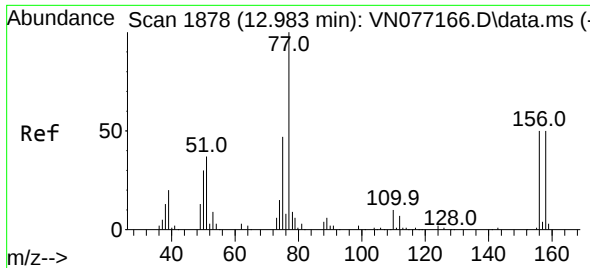


#72
1,2,3-Trichloropropane
Concen: 2.245 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02



Tgt Ion: 75 Resp: 13803
Ion Ratio Lower Upper
75 100
77 185.5 0.0 332.6





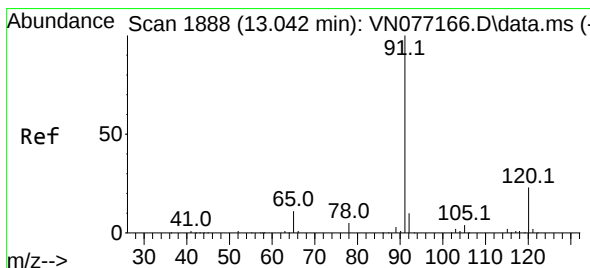
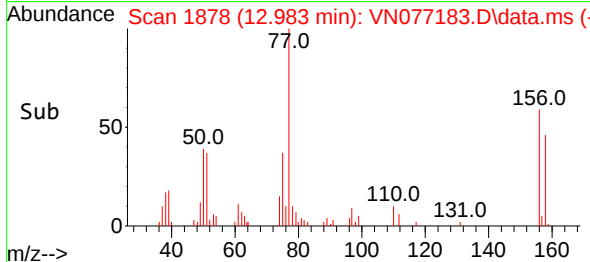
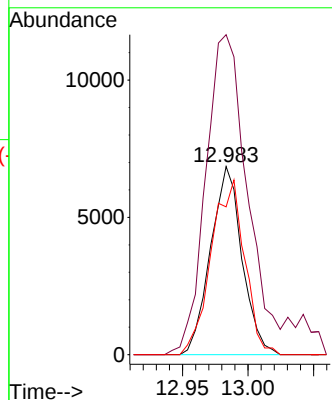
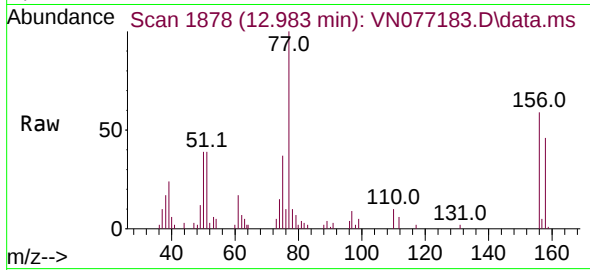
#73
Bromobenzene
Concen: 2.411 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:156 Resp: 11439
Ion Ratio Lower Upper
156 100
77 223.8 0.0 423.0
158 98.6 0.0 188.6

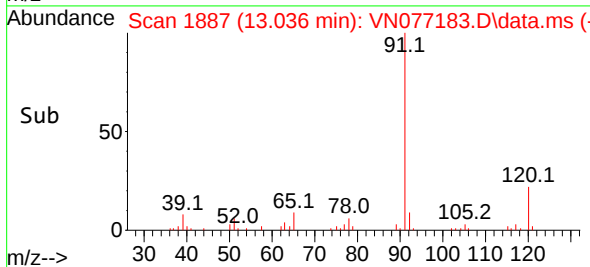
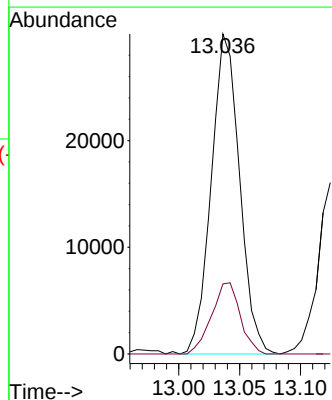
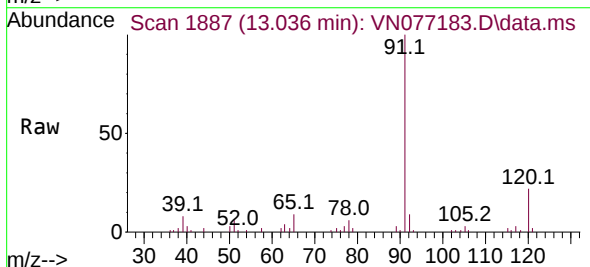
Manual Integrations
APPROVED

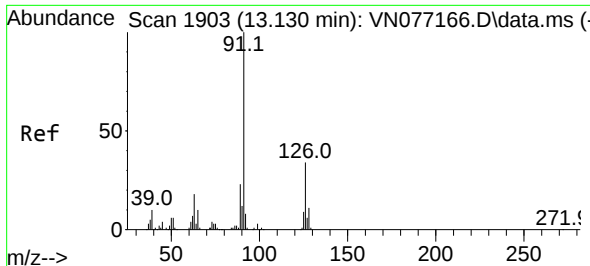
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#74
n-propylbenzene
Concen: 1.972 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Tgt Ion: 91 Resp: 48462
Ion Ratio Lower Upper
91 100
120 22.5 0.0 44.0





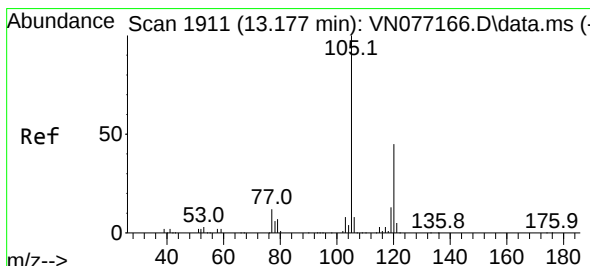
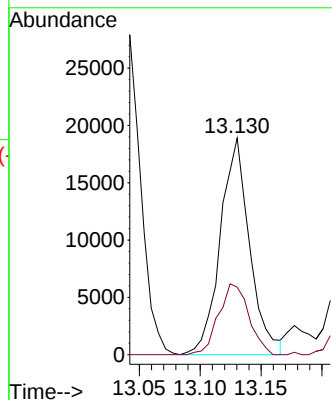
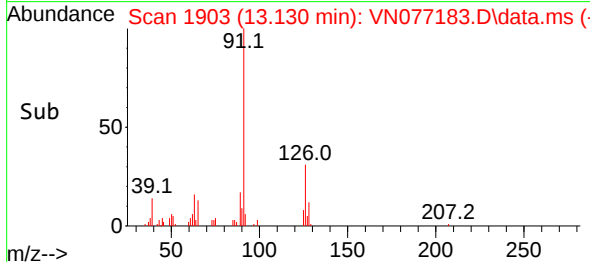
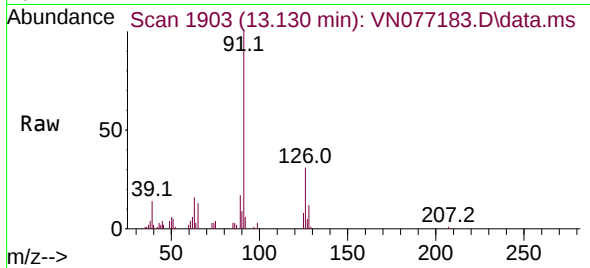
#75
2-Chlorotoluene
Concen: 2.145 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 91 Resp: 3177
Ion Ratio Lower Upper
91 100
126 33.6 0.0 66.4

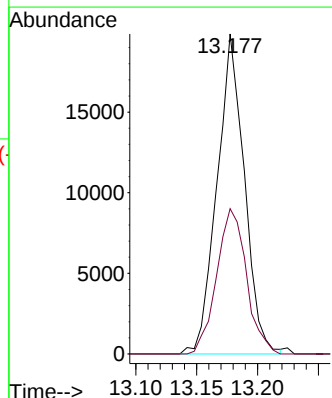
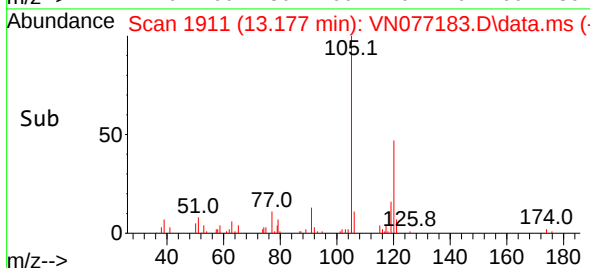
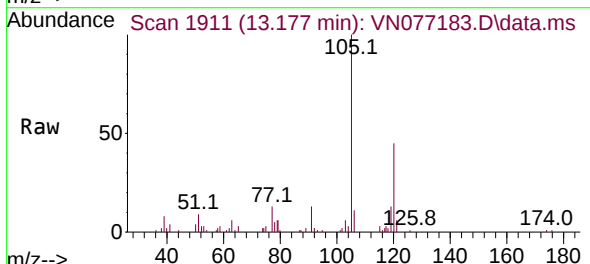
Manual Integrations
APPROVED

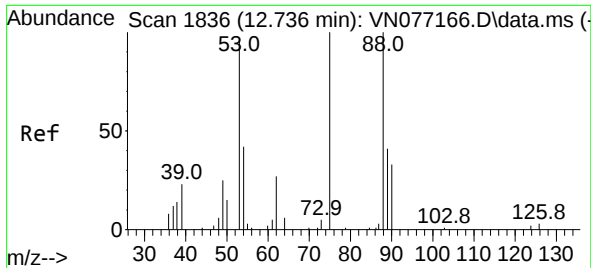
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#76
1,3,5-Trimethylbenzene
Concen: 1.758 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Tgt Ion:105 Resp: 30973
Ion Ratio Lower Upper
105 100
120 49.5 0.0 103.2





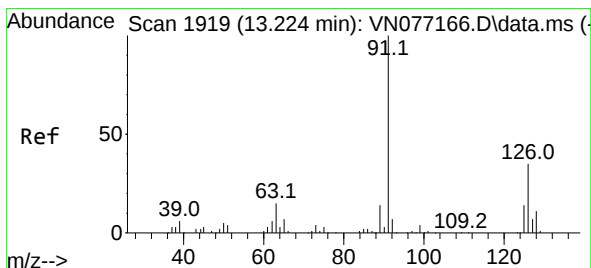
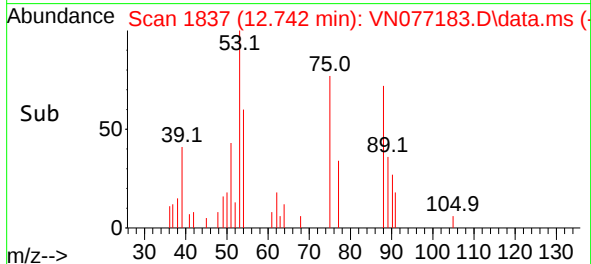
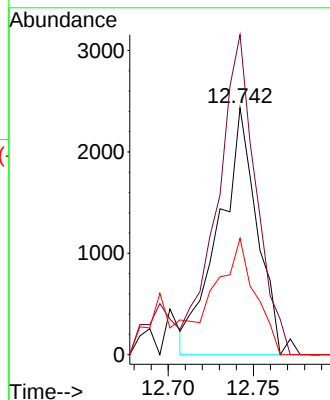
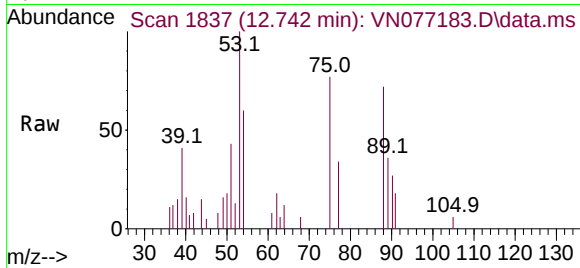
#77
t-1,4-Dichloro-2-butene
Concen: 1.917 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 75 Resp: 375
Ion Ratio Lower Upper
75 100
53 119.4 50.4 151.3
89 47.1 22.1 66.5

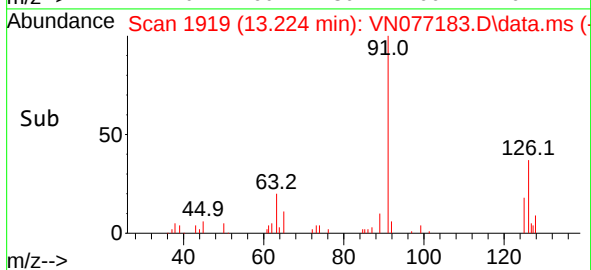
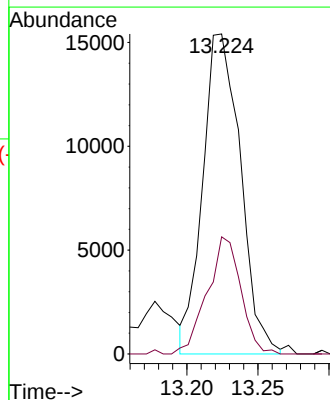
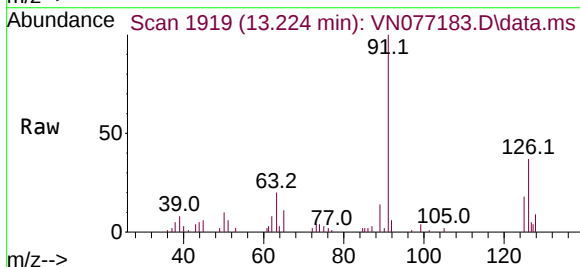
Manual Integrations
APPROVED

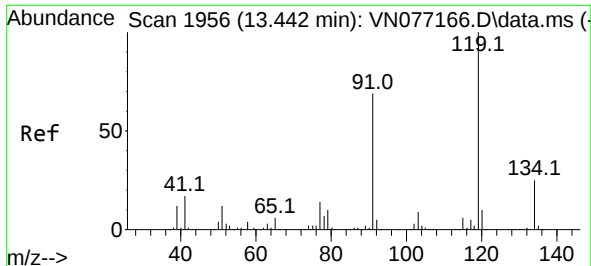
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#78
4-Chlorotoluene
Concen: 1.997 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

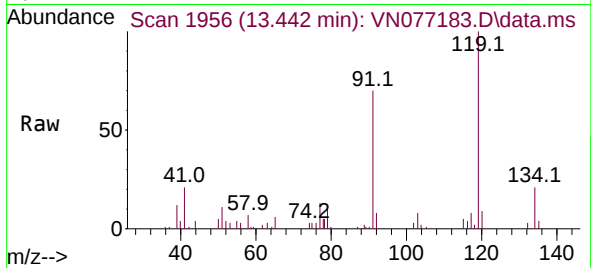
Tgt Ion: 91 Resp: 28466
Ion Ratio Lower Upper
91 100
126 32.5 0.0 70.6





#79
tert-butylbenzene
Concen: 2.086 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

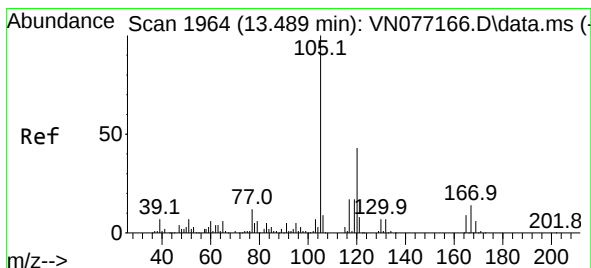
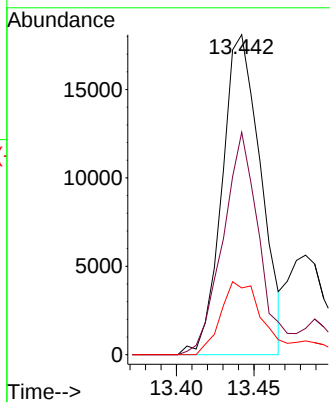
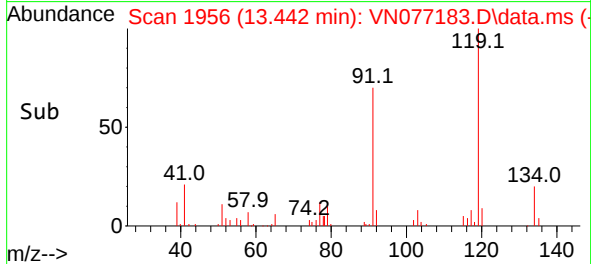
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



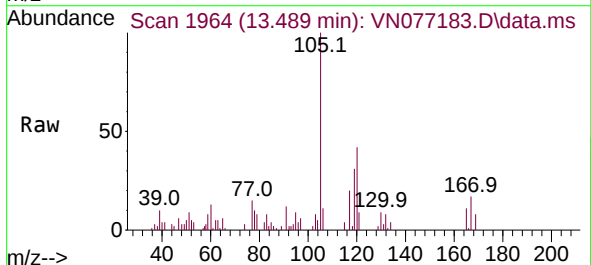
Tgt Ion:119 Resp: 3139
Ion Ratio Lower Upper
119 100
91 66.2 0.0 129.6
134 24.1 0.0 47.8

Manual Integrations
APPROVED

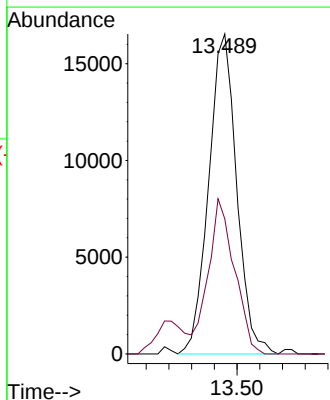
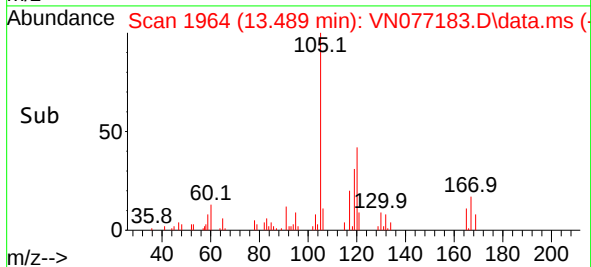
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

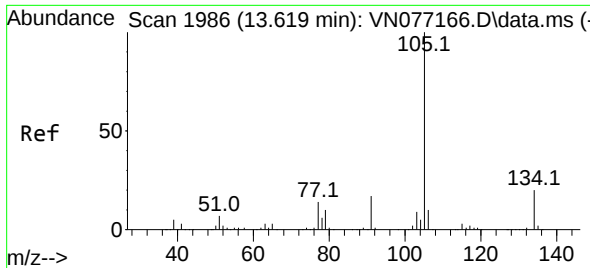


#80
1,2,4-Trimethylbenzene
Concen: 1.621 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02



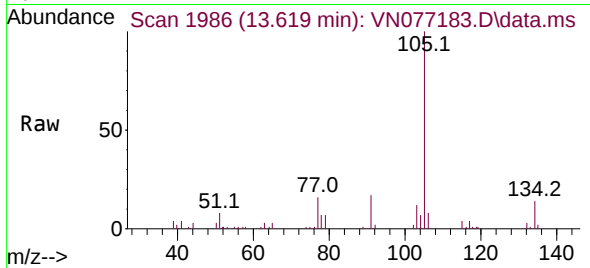
Tgt Ion:105 Resp: 28343
Ion Ratio Lower Upper
105 100
120 45.3 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 1.783 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077183.D
 Acq: 24 Mar 2023 17:02

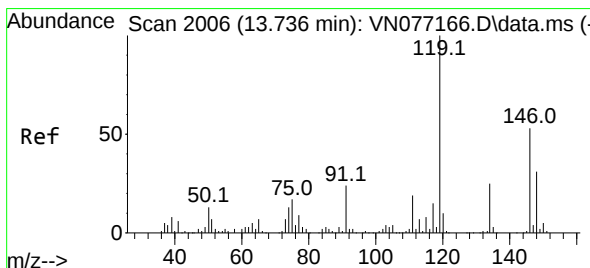
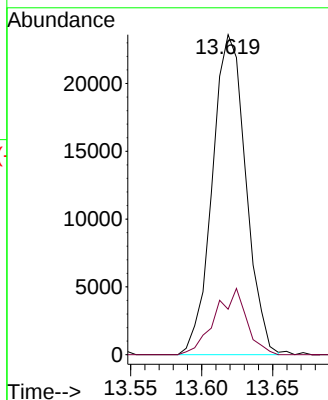
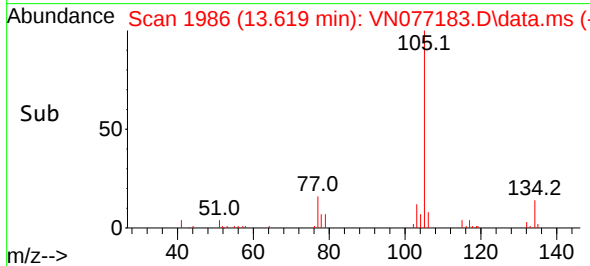
Instrument : MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023



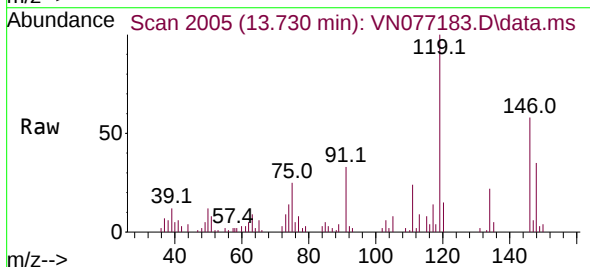
Tgt Ion:105 Resp: 3875
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.4

Manual Integrations
 APPROVED

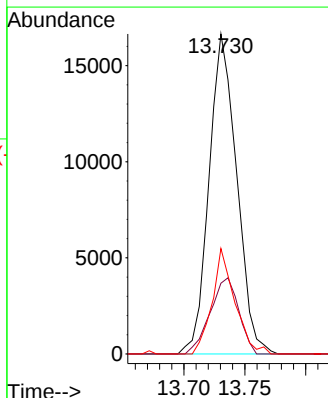
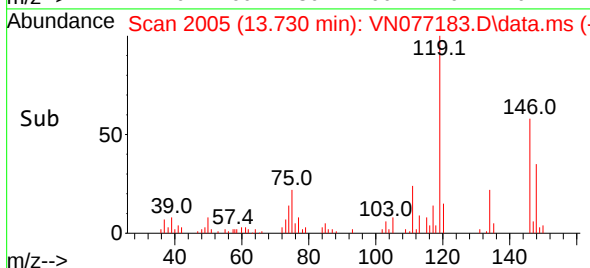
Reviewed By :John Carlone 03/27/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023

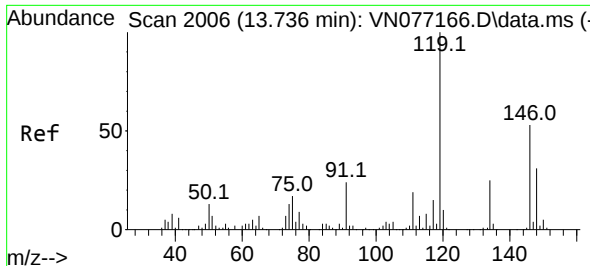


#82
 p-Isopropyltoluene
 Concen: 1.512 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.006 min
 Lab File: VN077183.D
 Acq: 24 Mar 2023 17:02



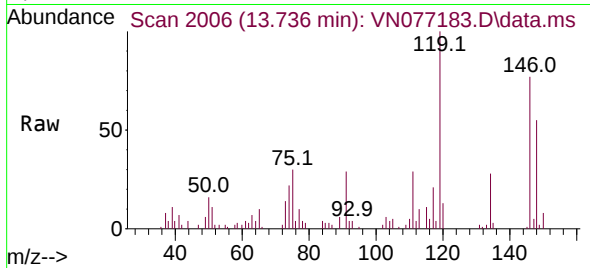
Tgt Ion:119 Resp: 26333
 Ion Ratio Lower Upper
 119 100
 134 24.4 0.0 53.4
 91 27.0 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 2.202 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

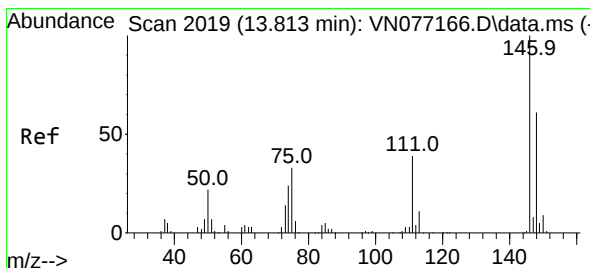
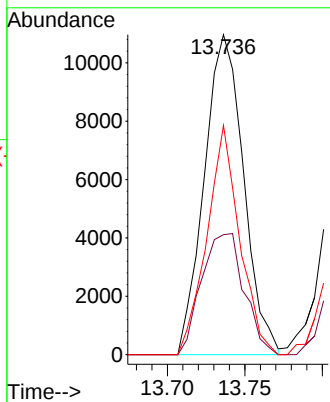
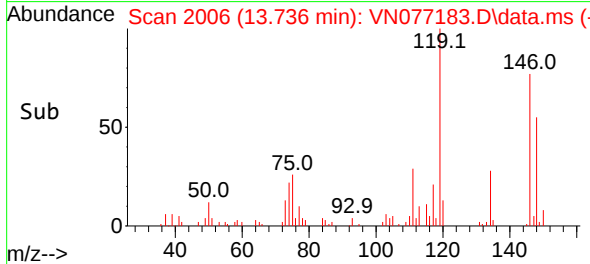
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



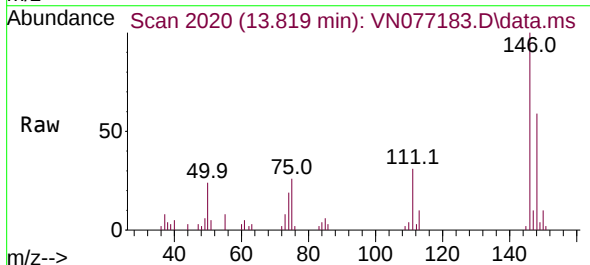
Tgt Ion:146 Resp: 1934
Ion Ratio Lower Upper
146 100
111 41.0 20.3 60.8
148 59.6 31.9 95.5

Manual Integrations
APPROVED

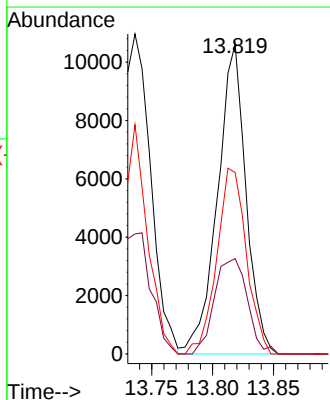
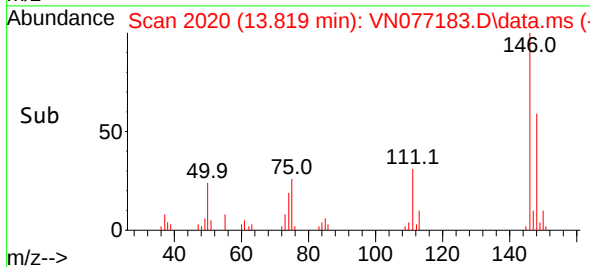
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

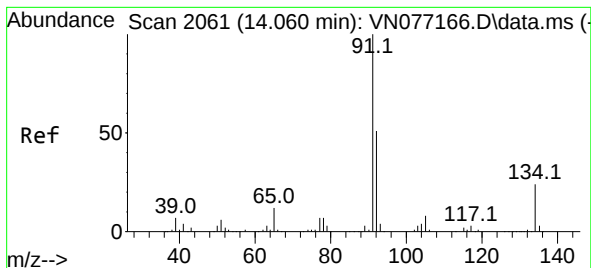


#84
1,4-Dichlorobenzene
Concen: 2.020 ug/l
RT: 13.819 min Scan# 2020
Delta R.T. 0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02



Tgt Ion:146 Resp: 17290
Ion Ratio Lower Upper
146 100
111 35.6 18.2 54.6
148 62.2 31.1 93.2





#85

n-Butylbenzene

Concen: 1.510 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077183.D

Acq: 24 Mar 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

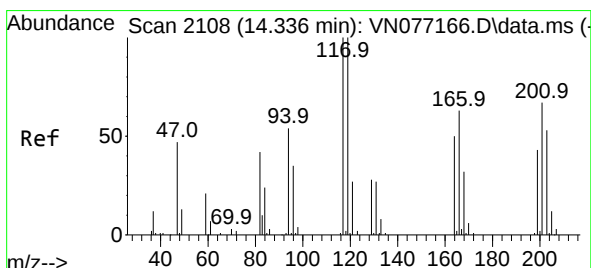
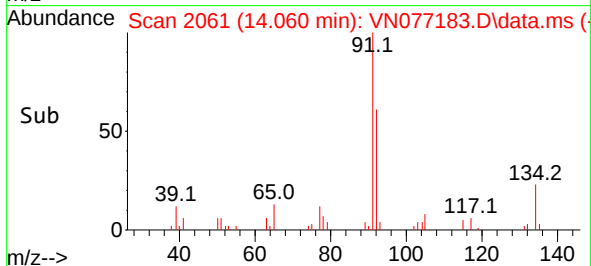
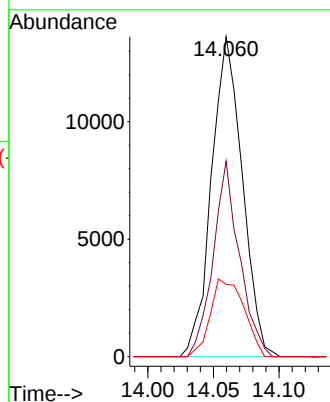
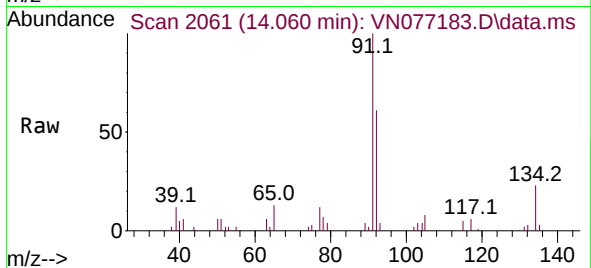
Tgt Ion: 91	Resp: 2223
Ion Ratio	Lower Upper
91 100	
92 52.2	0.0 103.2
134 26.5	0.0 50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#86

Hexachloroethane

Concen: 2.263 ug/l

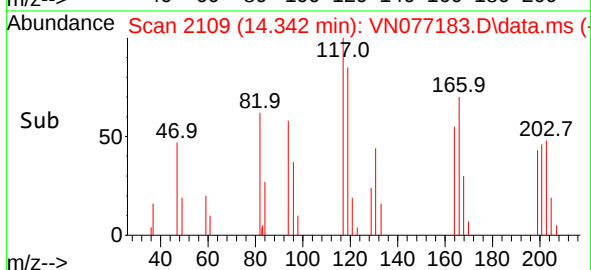
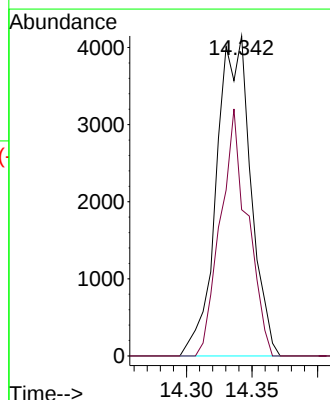
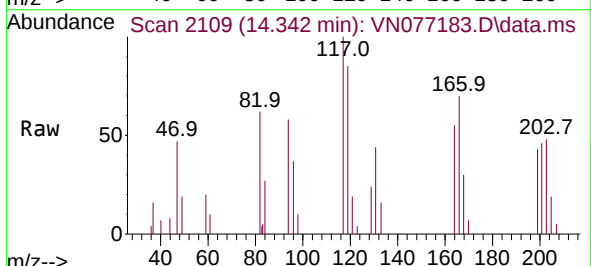
RT: 14.342 min Scan# 2109

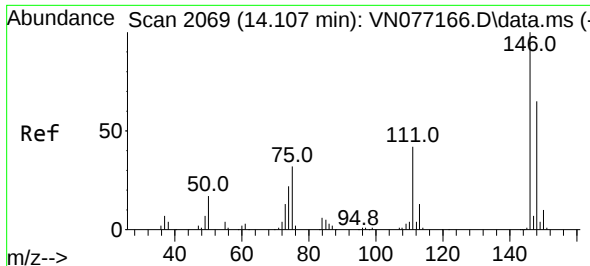
Delta R.T. 0.006 min

Lab File: VN077183.D

Acq: 24 Mar 2023 17:02

Tgt Ion: 117	Resp: 7519
Ion Ratio	Lower Upper
117 100	
201 61.1	32.2 96.6





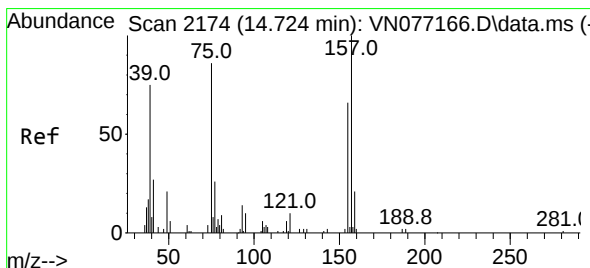
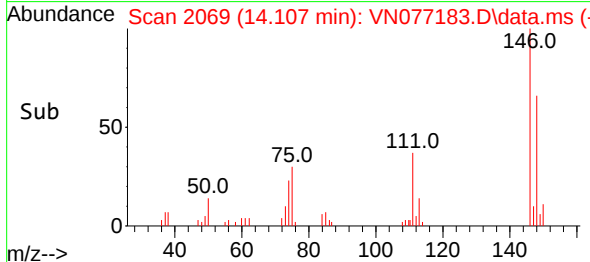
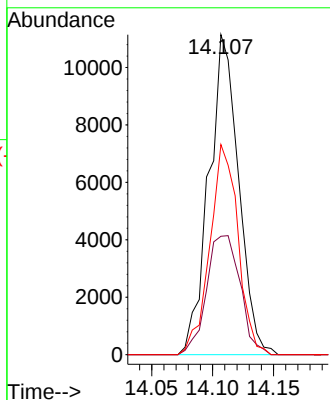
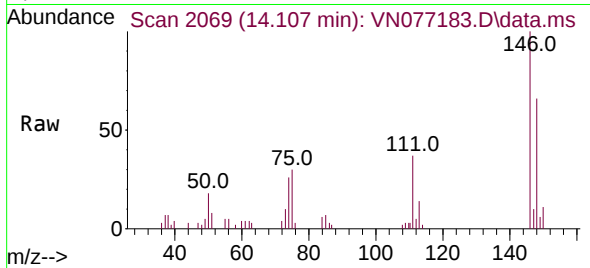
#87
1,2-Dichlorobenzene
Concen: 2.154 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:146 Resp: 1892
Ion Ratio Lower Upper
146 100
111 42.1 20.5 61.6
148 62.3 32.5 97.5

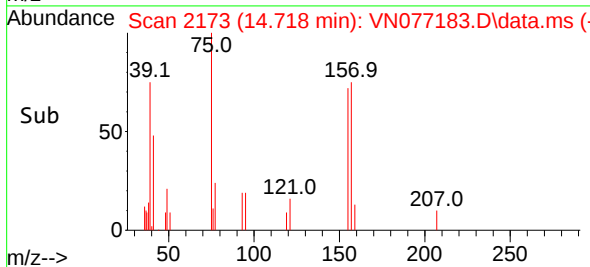
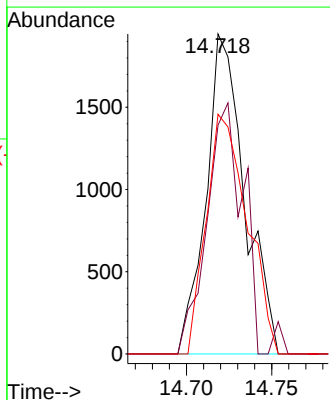
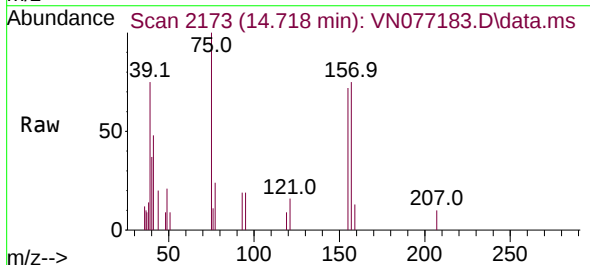
Manual Integrations
APPROVED

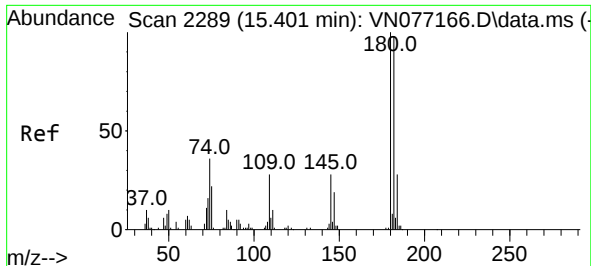
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 2.293 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Tgt Ion: 75 Resp: 3057
Ion Ratio Lower Upper
75 100
155 73.5 62.5 93.7
157 80.0 77.5 116.3





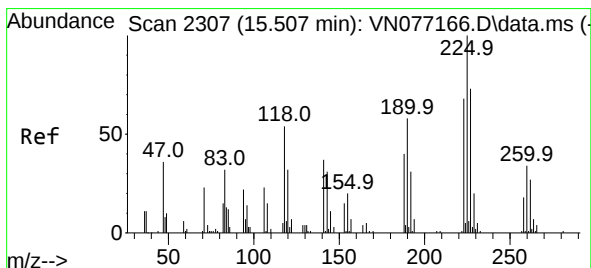
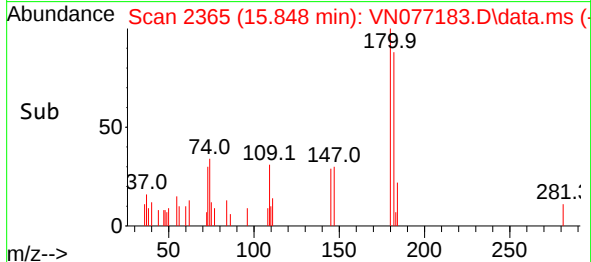
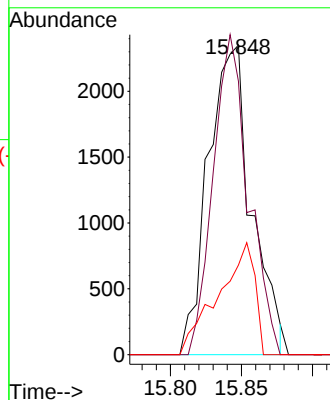
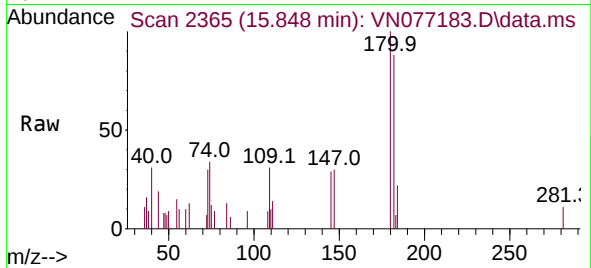
#89
1,2,4-Trichlorobenzene
Concen: 1.269 ug/l
RT: 15.848 min Scan# 21
Delta R.T. 0.447 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:180 Resp: 4972
Ion Ratio Lower Upper
180 100
182 84.5 76.6 115.0
145 30.7 24.6 36.8

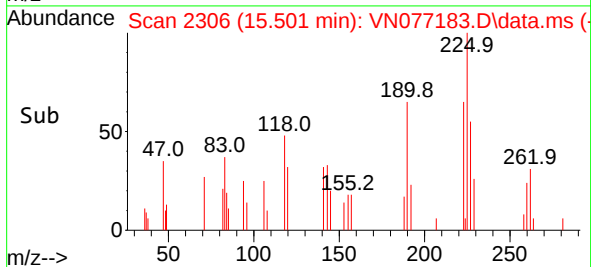
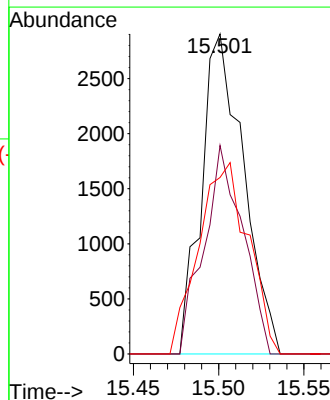
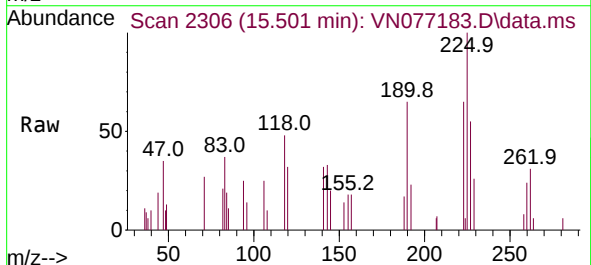
Manual Integrations
APPROVED

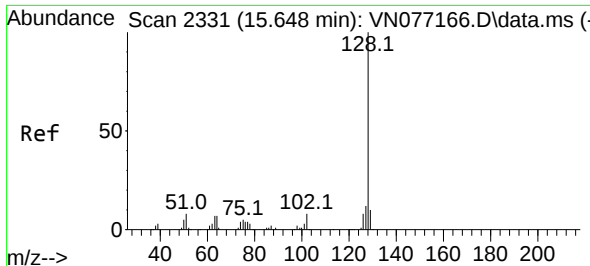
Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#90
Hexachlorobutadiene
Concen: 2.258 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

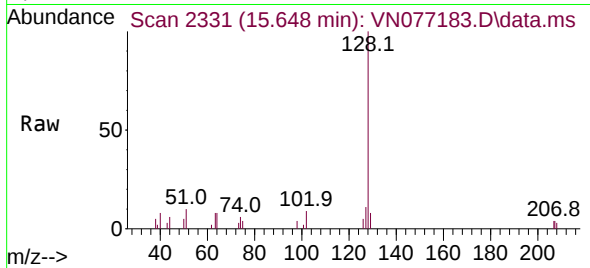
Tgt Ion:225 Resp: 4993
Ion Ratio Lower Upper
225 100
223 60.3 0.0 135.4
227 70.4 0.0 129.4





#91
Naphthalene
Concen: 0.924 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

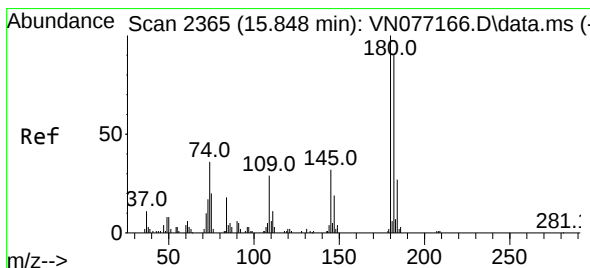
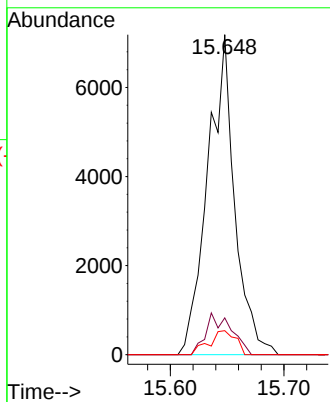
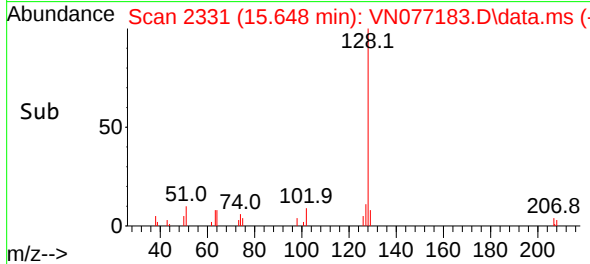
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:128 Resp: 1188
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.6
129 5.4 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/27/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#92
1,2,3-Trichlorobenzene
Concen: 1.277 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. -0.000 min
Lab File: VN077183.D
Acq: 24 Mar 2023 17:02

Tgt Ion:180 Resp: 4972
Ion Ratio Lower Upper
180 100
182 84.5 0.0 190.8
145 30.7 0.0 65.0

