

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077279.D
 Acq On : 07 Apr 2023 16:20
 Operator : JC\MD
 Sample : 02213-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: Apr 08 05:20:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023

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

Internal Standards						
1) Bromochloromethane	7.819	128	58954	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	446145	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	469125	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	146275	29.255	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.533%		
60) 4-Bromofluorobenzene	12.854	95	222079	27.377	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	91.267%		
63) Toluene-d8	10.571	98	511274	31.001	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	103.333%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.131	85	13768	2.457	ug/l	86
3) Chloromethane	2.372	50	21555	2.895	ug/l	97
4) Vinyl Chloride	2.519	62	29095	2.728	ug/l	99
5) Bromomethane	2.954	94	24386	3.034	ug/l #	79
6) Chloroethane	3.131	64	20358	2.848	ug/l	92
7) Trichlorofluoromethane	3.507	101	26870	2.706	ug/l	87
8) Diethyl Ether	3.972	74	11180	2.641	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	18142m	2.922	ug/l	
10) 1,1-Dichloroethene	4.348	96	15416	2.482	ug/l	89
11) Methyl Iodide	4.607	142	16682	2.377	ug/l	87
12) Methyl Acetate	5.037	43	24595m	2.657	ug/l	
13) Acrolein	4.195	56	18145m	15.794	ug/l	
14) Acrylonitrile	5.731	53	39105	12.361	ug/l	98
15) Acetone	4.442	58	14506m	12.639	ug/l	
16) Carbon Disulfide	4.719	76	44483	2.713	ug/l	96
17) Allyl chloride	5.037	41	15494	1.938	ug/l	67
18) Methylene Chloride	5.272	84	20854m	2.891	ug/l	
19) trans-1,2-Dichloroethene	5.784	96	18037m	2.670	ug/l	
20) Diisopropyl ether	6.683	45	45730	2.399	ug/l	95
21) 1,1-Dichloroethane	6.578	63	31051	2.570	ug/l	93
22) cis-1,2-Dichloroethene	7.489	96	22137	2.688	ug/l	97
23) tert-Butyl Alcohol	5.525	59	19247m	13.682	ug/l	
24) Methyl tert-Butyl Ether	5.801	73	58089	2.597	ug/l	96
25) Chloroform	7.972	83	33675m	2.572	ug/l	
26) Cyclohexane	8.266	56	26639	2.538	ug/l #	100
29) 1,1-Dichloropropene	8.377	75	24746	2.560	ug/l	85
30) 2-Butanone	7.489	43	53105	11.619	ug/l	93
31) 2,2-Dichloropropane	7.489	77	30165	2.543	ug/l #	84
32) 1,1,1-Trichloroethane	8.172	97	30066	2.528	ug/l	98
33) Carbon Tetrachloride	8.366	117	26083	2.569	ug/l #	83
34) Benzene	8.607	78	75765	2.534	ug/l #	86
35) Methacrylonitrile	7.783	41	12511	2.906	ug/l	81
36) 1,2-Dichloroethane	8.677	62	26306	2.806	ug/l #	87
37) Trichloroethene	9.360	130	18600	2.543	ug/l	96
38) Methylcyclohexane	9.601	83	34222	2.611	ug/l	99
39) 1,2-Dichloropropane	9.624	63	18986	2.558	ug/l	99
40) Dibromomethane	9.713	93	13816	2.583	ug/l	99
41) Bromodichloromethane	9.889	83	26545	2.489	ug/l	100
42) Vinyl Acetate	6.607	43	156248	11.812	ug/l #	100

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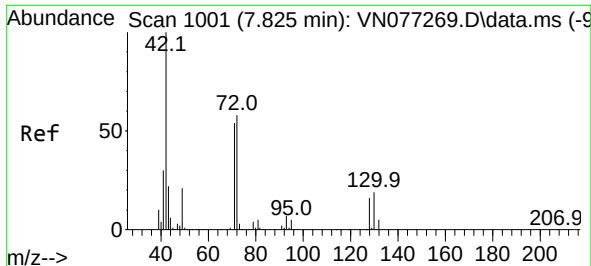
Quant Time: Apr 08 05:20:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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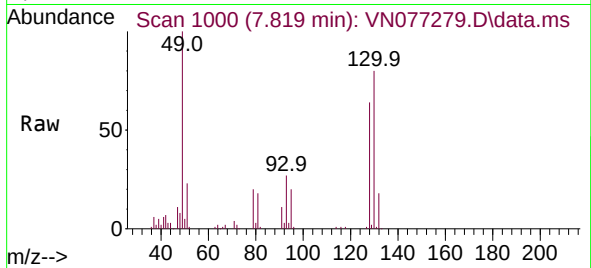
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	22979m	2.718	ug/l	
44) Isopropyl Acetate	8.695	43	37529	2.479	ug/l #	100
45) 1,4-Dioxane	9.701	88	6662	41.724	ug/l #	91
46) Methyl methacrylate	9.683	41	16712	2.564	ug/l	97
47) n-amyl Acetate	12.501	43	29052	2.196	ug/l	93
48) t-1,3-Dichloropropene	10.836	75	27430	2.298	ug/l	95
49) cis-1,3-Dichloropropene	10.313	75	30124	2.372	ug/l #	93
50) 1,1,2-Trichloroethane	11.018	97	20078	2.584	ug/l	94
51) Ethyl methacrylate	10.877	69	29164	2.444	ug/l	95
52) 1,3-Dichloropropane	11.166	76	33872	2.612	ug/l	99
53) Dibromochloromethane	11.360	129	20097	2.454	ug/l	97
54) 1,2-Dibromoethane	11.471	107	19613	2.515	ug/l	99
55) 2-Chloroethyl vinyl ether	10.160	63	44578	12.102	ug/l	98
56) Bromoform	12.583	173	11898	2.163	ug/l #	97
58) 4-Methyl-2-Pentanone	10.448	43	108215	12.320	ug/l	99
59) 2-Hexanone	11.201	43	82135	12.097	ug/l	98
61) Tetrachloroethene	11.107	164	13924	2.495	ug/l	98
62) Toluene	10.636	91	85706	2.618	ug/l	100
64) Chlorobenzene	11.895	112	50556	2.542	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.960	131	18547	2.536	ug/l	91
66) Ethyl Benzene	11.965	91	89165	2.459	ug/l #	86
67) m/p-Xylenes	12.071	106	68900	4.847	ug/l	100
68) o-Xylene	12.401	106	34939	2.457	ug/l	97
69) Styrene	12.413	104	51814	2.274	ug/l	98
70) Isopropylbenzene	12.695	105	84282	2.335	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	27535	2.492	ug/l	96
72) 1,2,3-Trichloropropane	13.001	75	20331m	2.706	ug/l	
73) Bromobenzene	12.983	156	17039	2.324	ug/l	98
74) n-propylbenzene	13.042	91	90505	2.267	ug/l	97
75) 2-Chlorotoluene	13.130	91	55836	2.334	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	63183	2.151	ug/l	99
77) t-1,4-Dichloro-2-butene	12.742	75	8153	2.131	ug/l	87
78) 4-Chlorotoluene	13.224	91	50296	2.225	ug/l	98
79) tert-butylbenzene	13.442	119	59907	2.344	ug/l	99
80) 1,2,4-Trimethylbenzene	13.489	105	59085	2.064	ug/l	98
81) sec-Butylbenzene	13.618	105	81661	2.237	ug/l	96
82) p-Isopropyltoluene	13.736	119	61016	2.086	ug/l	96
83) 1,3-Dichlorobenzene	13.736	146	30832	2.218	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	27370	2.029	ug/l	94
85) n-Butylbenzene	14.059	91	47853	1.980	ug/l	94
86) Hexachloroethane	14.336	117	14485	2.328	ug/l	93
87) 1,2-Dichlorobenzene	14.112	146	30162	2.214	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.724	75	4961	2.343	ug/l	90
89) 1,2,4-Trichlorobenzene	15.365	180	8414	1.570	ug/l	95
90) Hexachlorobutadiene	15.471	225	7061	2.570	ug/l	76
91) Naphthalene	15.589	128	24529	1.198	ug/l	96
92) 1,2,3-Trichlorobenzene	15.753	180	7765	1.485	ug/l	89

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

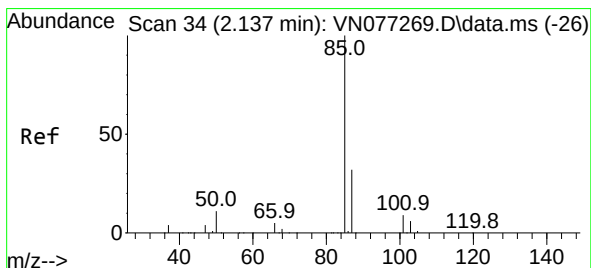
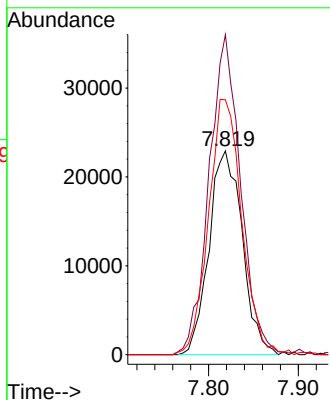
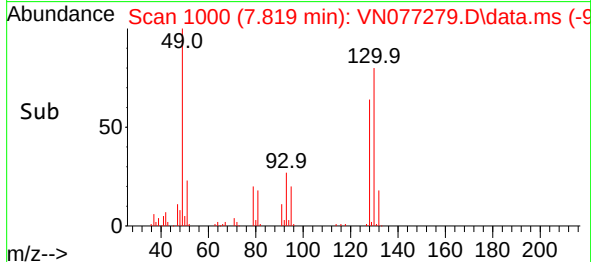
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:128 Resp: 58954
Ion Ratio Lower Upper
128 100
49 148.6 0.0 379.5
130 125.2 0.0 322.8

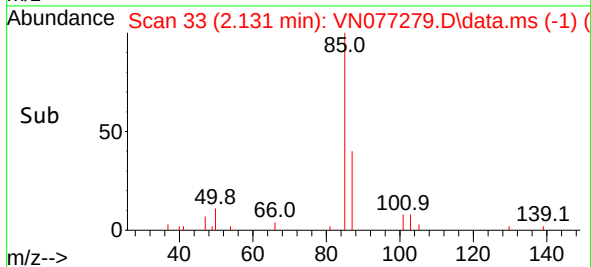
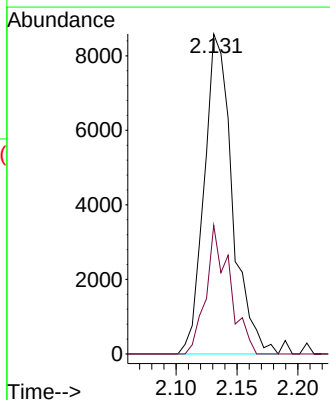
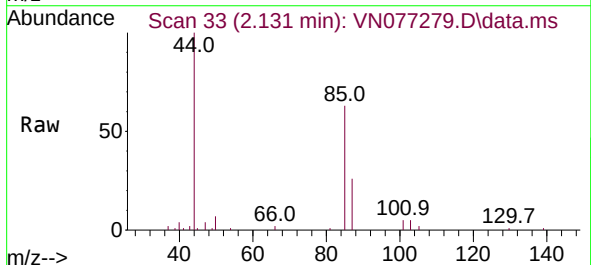
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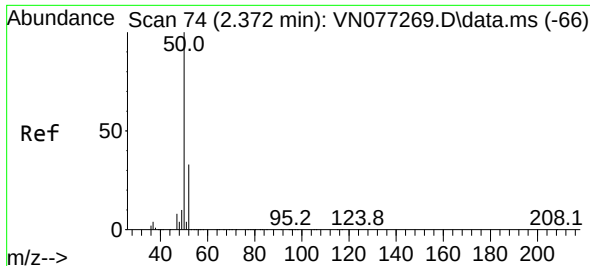
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#2
Dichlorodifluoromethane
Concen: 2.457 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

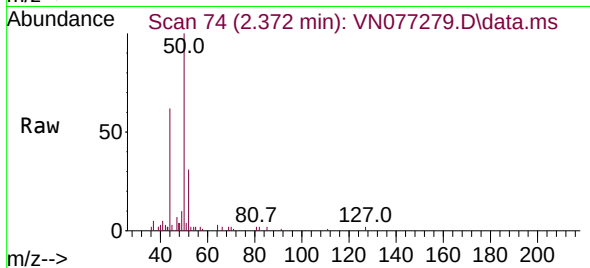
Tgt Ion: 85 Resp: 13768
Ion Ratio Lower Upper
85 100
87 40.3 16.2 48.6





#3
Chloromethane
Concen: 2.895 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

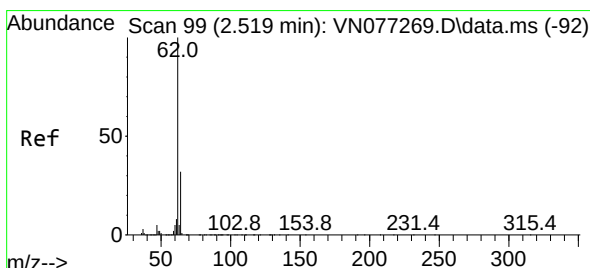
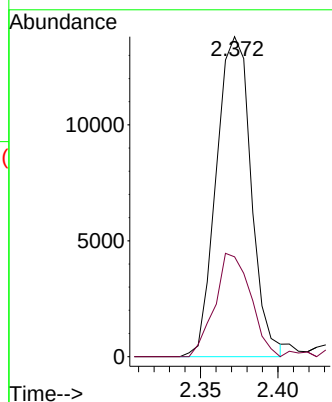
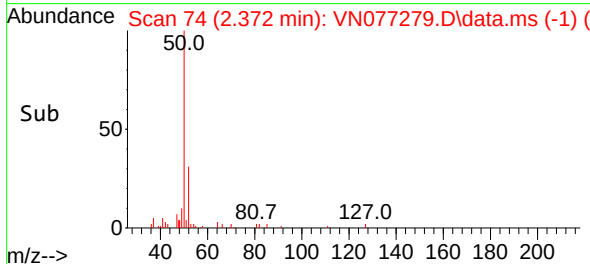
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



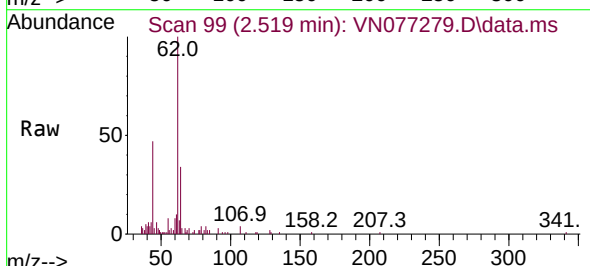
Tgt Ion: 50 Resp: 2155
Ion Ratio Lower Upper
50 100
52 31.2 26.4 39.6

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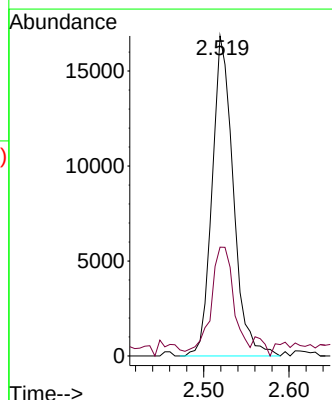
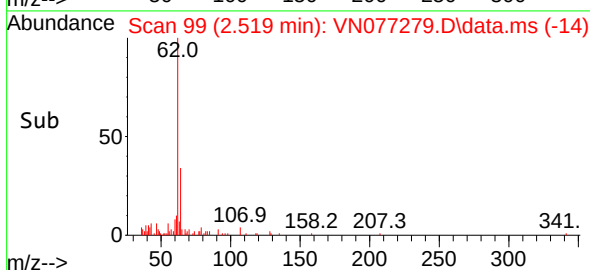
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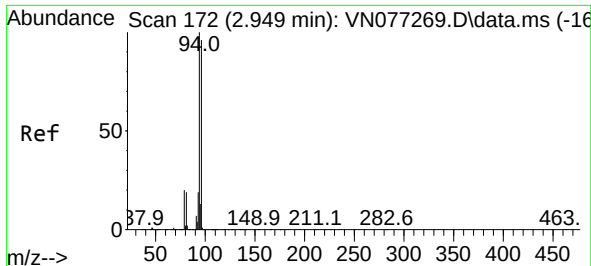


#4
Vinyl Chloride
Concen: 2.728 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20



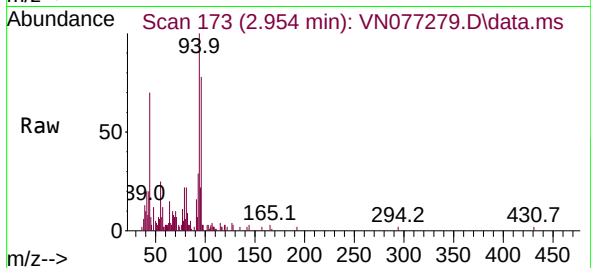
Tgt Ion: 62 Resp: 29095
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5
Bromomethane
Concen: 3.034 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

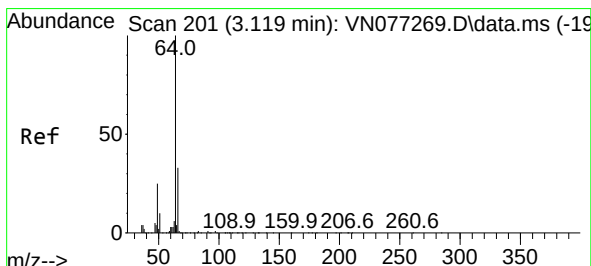
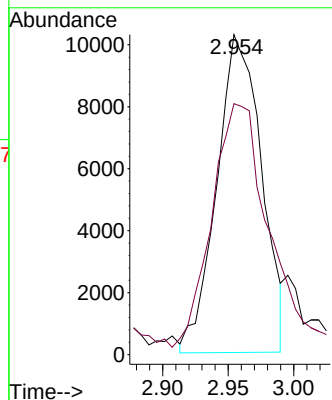
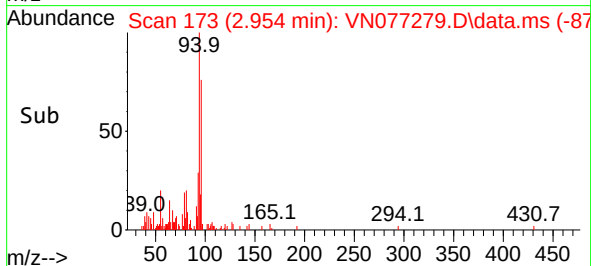
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



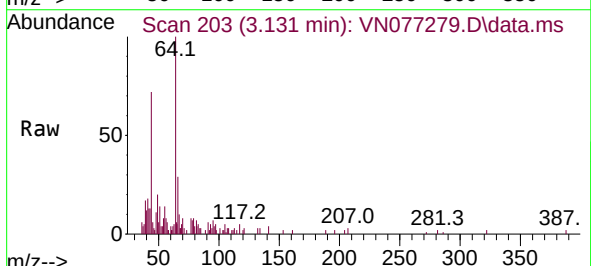
Tgt Ion: 94 Resp: 24380
Ion Ratio Lower Upper
94 100
96 75.9 77.0 115.6

Manual Integrations
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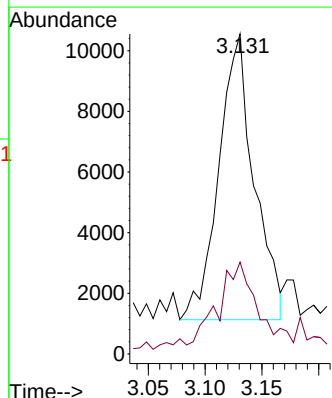
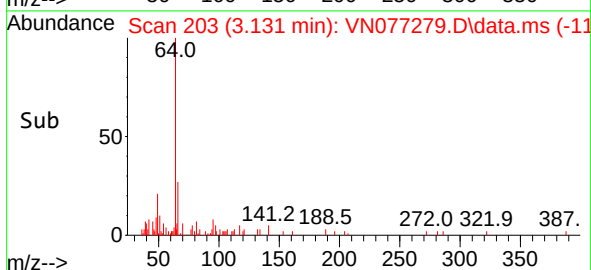
Reviewed By :John Carlone 04/10/2023
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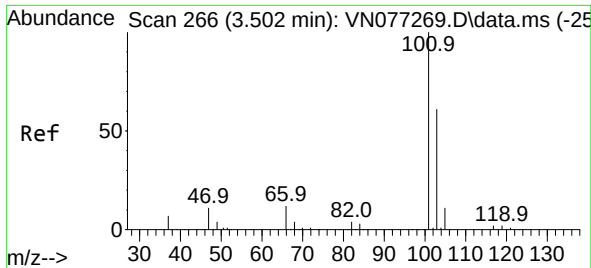


#6
Chloroethane
Concen: 2.848 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.012 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20



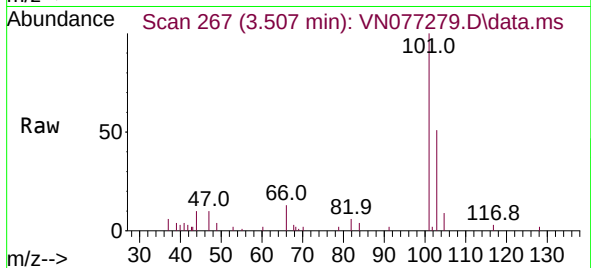
Tgt Ion: 64 Resp: 20358
Ion Ratio Lower Upper
64 100
66 27.8 25.7 38.5





#7
Trichlorofluoromethane
Concen: 2.706 ug/l
RT: 3.507 min Scan# 267
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

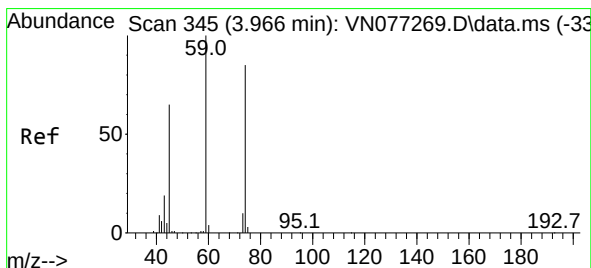
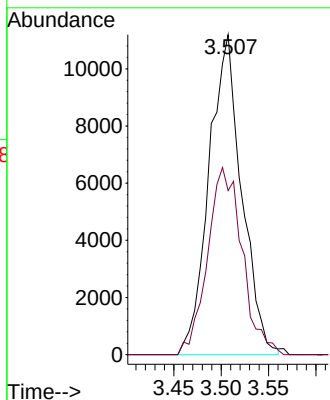
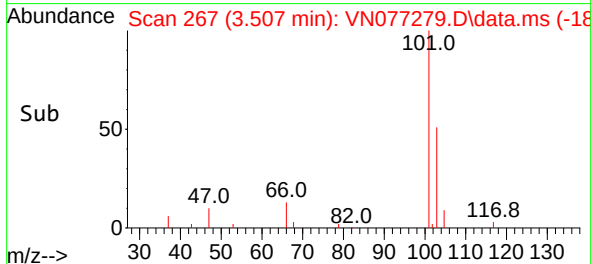
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Tgt Ion:101 Resp: 26870
Ion Ratio Lower Upper
101 100
103 51.3 48.9 73.3

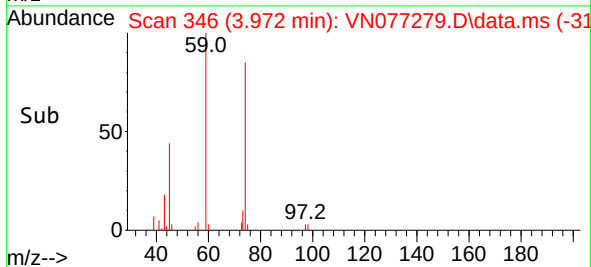
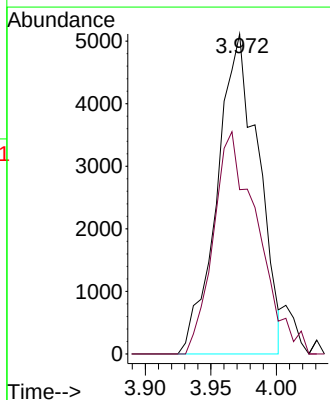
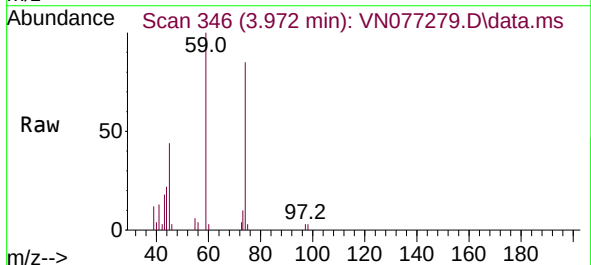
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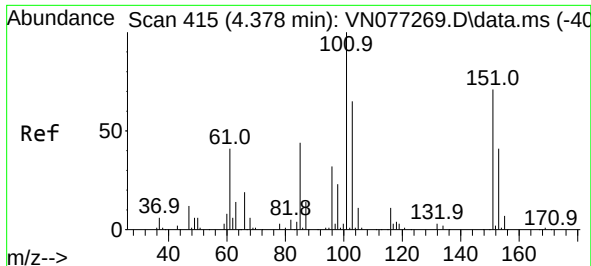
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#8
Diethyl Ether
Concen: 2.641 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 74 Resp: 11180
Ion Ratio Lower Upper
74 100
45 74.7 14.8 133.6





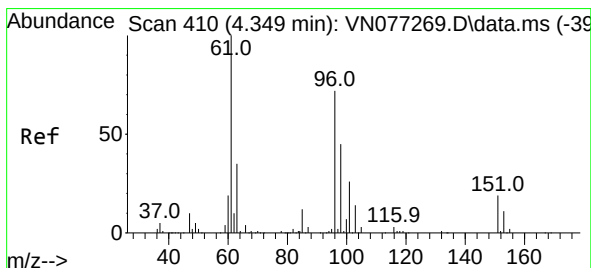
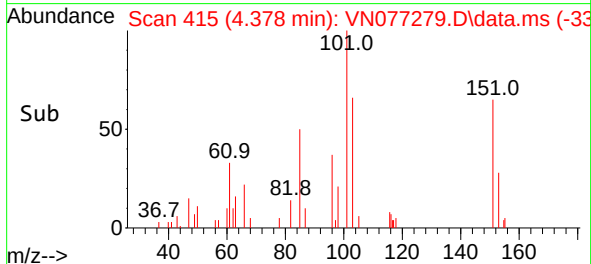
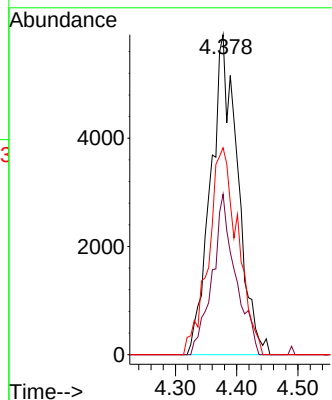
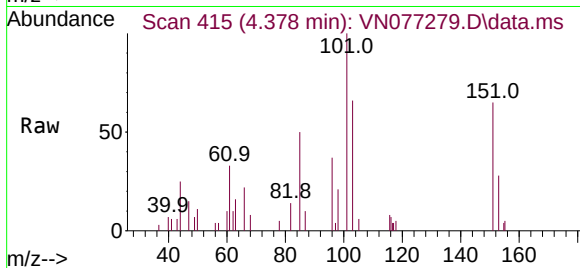
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.922 ug/l m
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:101 Resp: 1814
Ion Ratio Lower Upper
101 100
85 43.1 0.0 89.6
151 54.7 0.0 141.6

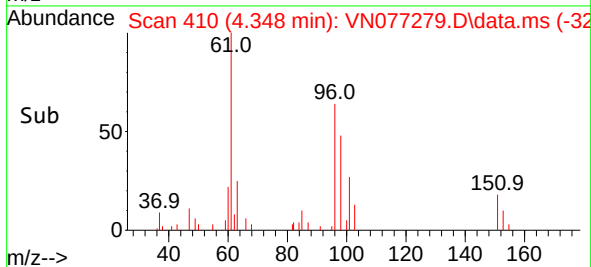
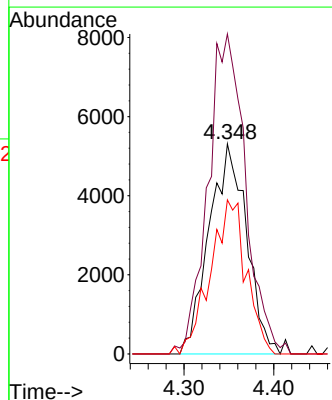
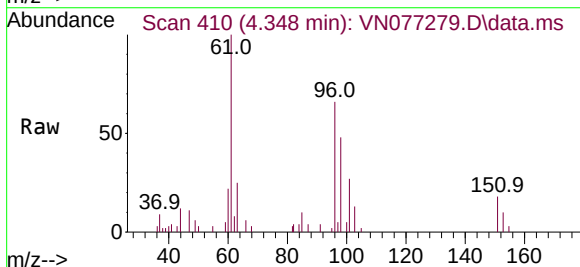
Manual Integrations
APPROVED

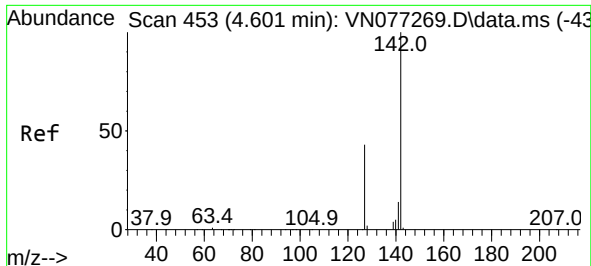
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#10
1,1-Dichloroethene
Concen: 2.482 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

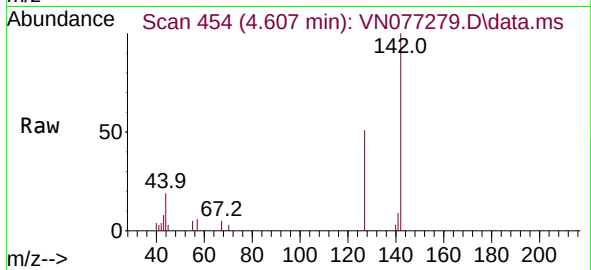
Tgt Ion: 96 Resp: 15416
Ion Ratio Lower Upper
96 100
61 149.4 110.7 166.1
98 73.3 49.6 74.4





#11
Methyl Iodide
Concen: 2.377 ug/l
RT: 4.607 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

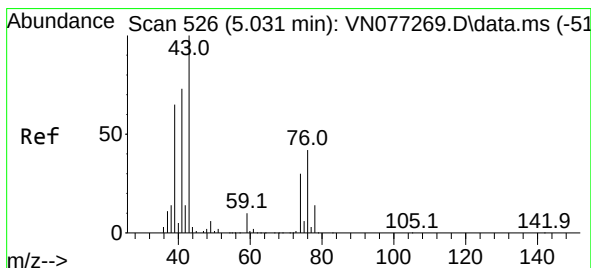
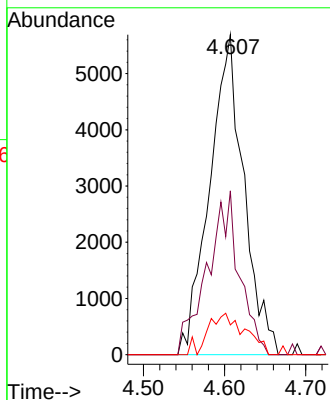
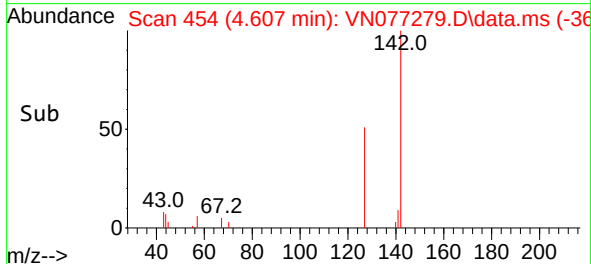
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:142 Resp: 1668
Ion Ratio Lower Upper
142 100
127 51.2 21.3 63.7
141 9.3 7.0 20.9

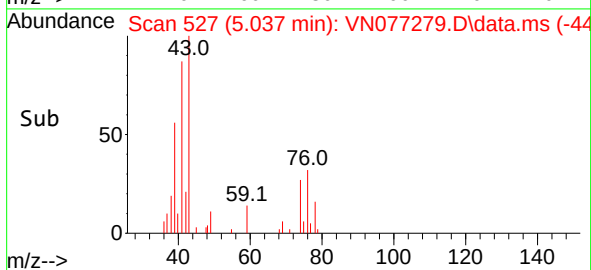
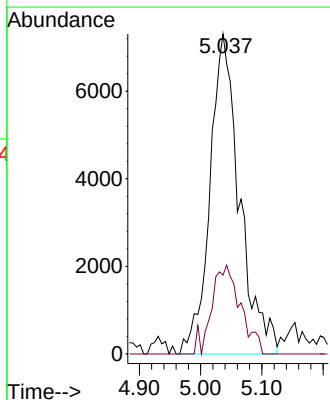
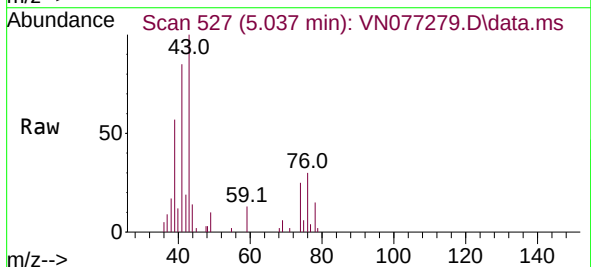
Manual Integrations
APPROVED

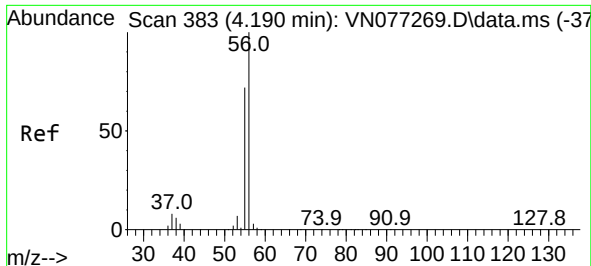
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#12
Methyl Acetate
Concen: 2.657 ug/l m
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 43 Resp: 24595
Ion Ratio Lower Upper
43 100
74 24.6 24.2 36.2





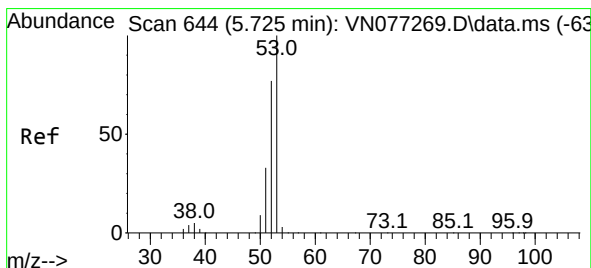
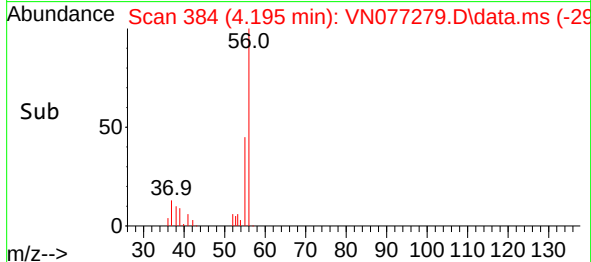
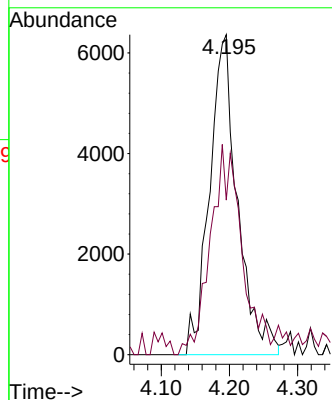
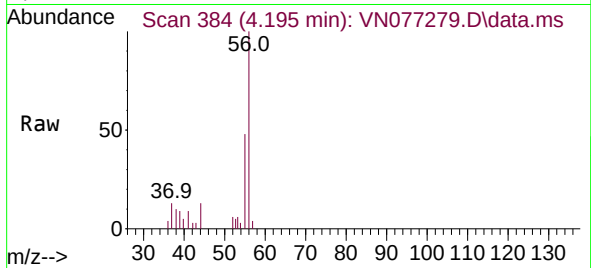
#13
Acrolein
Concen: 15.794 ug/l m
RT: 4.195 min Scan# 384
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 56 Resp: 1814
Ion Ratio Lower Upper
56 100
55 1.9 55.2 82.8

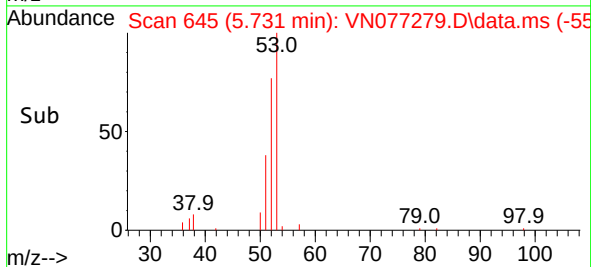
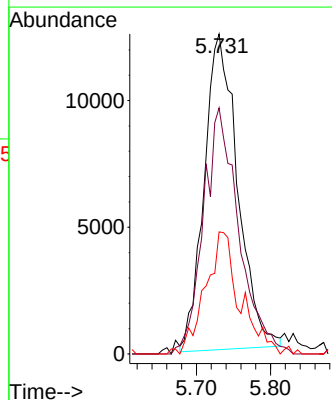
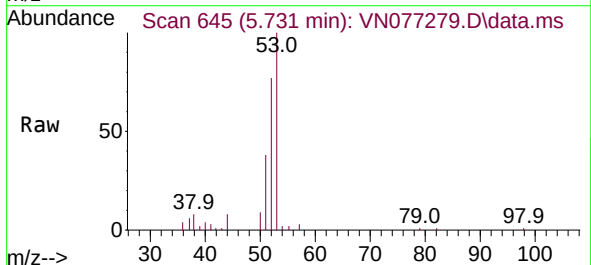
Manual Integrations
APPROVED

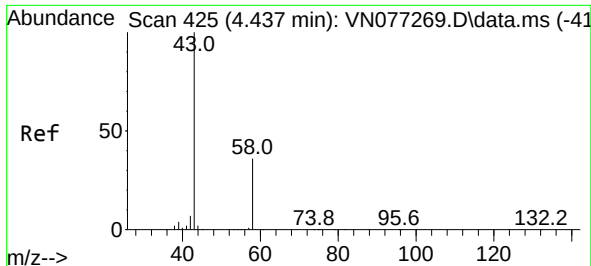
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#14
Acrylonitrile
Concen: 12.361 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 53 Resp: 39105
Ion Ratio Lower Upper
53 100
52 82.3 41.0 123.0
51 32.2 17.7 53.1





#15

Acetone

Concen: 12.639 ug/l m

RT: 4.442 min Scan# 431

Delta R.T. 0.006 min

Lab File: VN077279.D

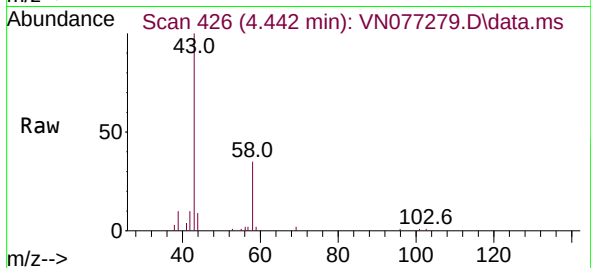
Acq: 07 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 58 Resp: 14500

Ion Ratio Lower Upper

58 100

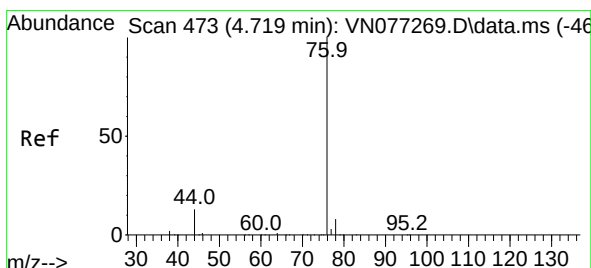
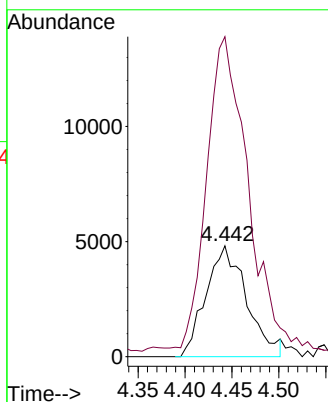
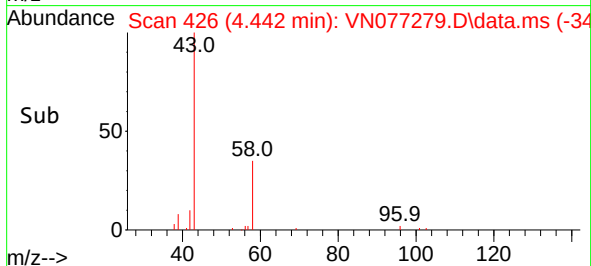
43 288.6 220.9 331.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#16

Carbon Disulfide

Concen: 2.713 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.000 min

Lab File: VN077279.D

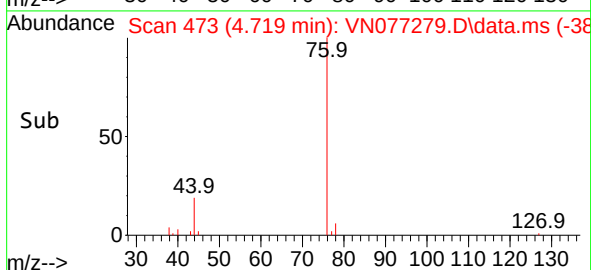
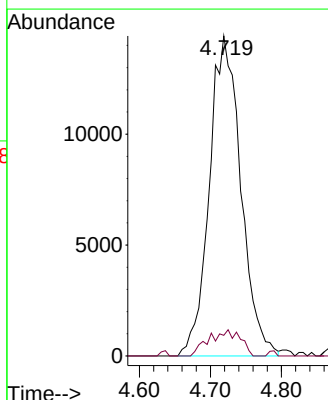
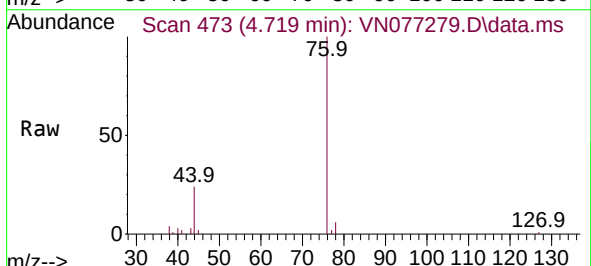
Acq: 07 Apr 2023 16:20

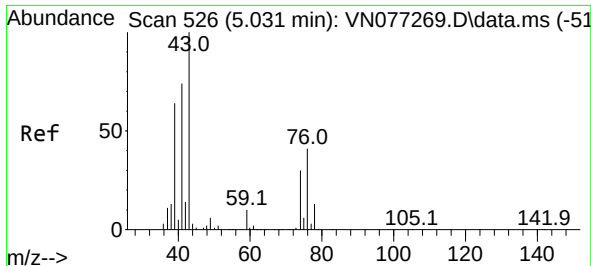
Tgt Ion: 76 Resp: 44483

Ion Ratio Lower Upper

76 100

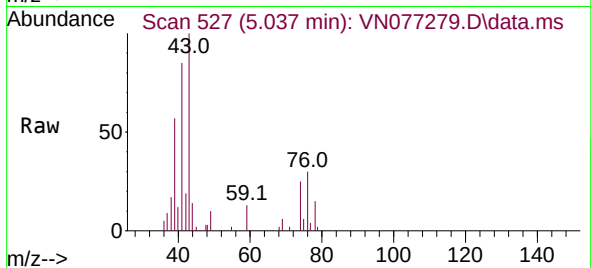
78 6.4 6.3 9.5





#17
 Allyl chloride
 Concen: 1.938 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN077279.D
 Acq: 07 Apr 2023 16:20

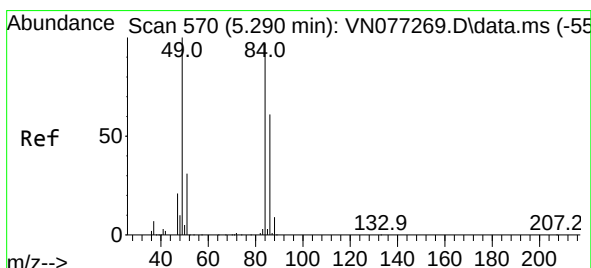
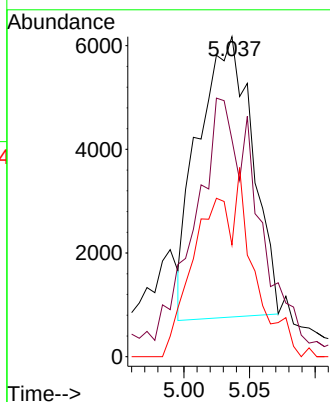
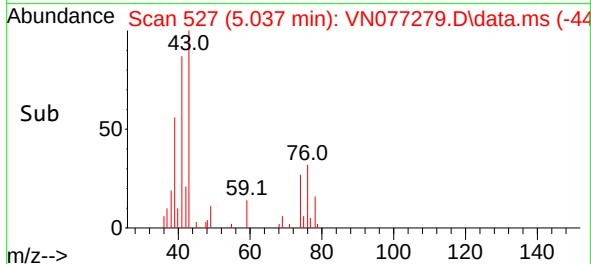
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 41 Resp: 15494
 Ion Ratio Lower Upper
 41 100
 39 51.6 40.3 120.9
 76 28.0 25.3 75.8

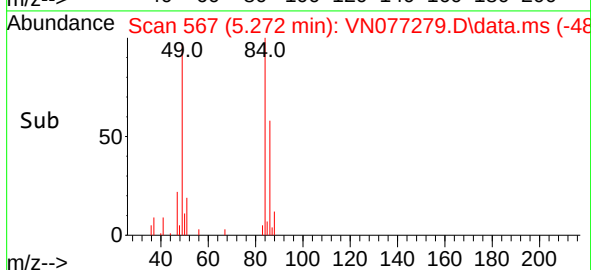
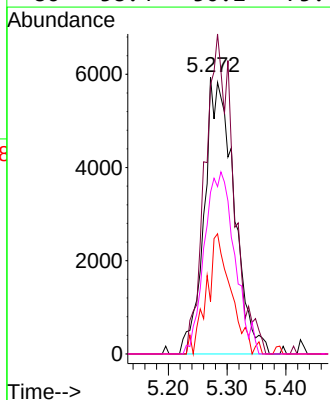
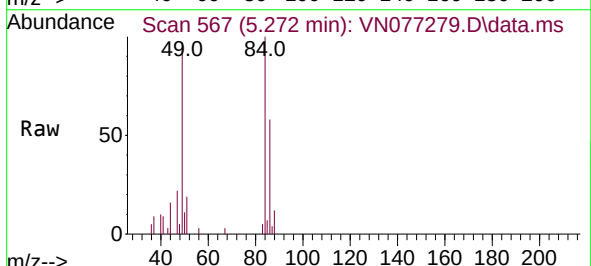
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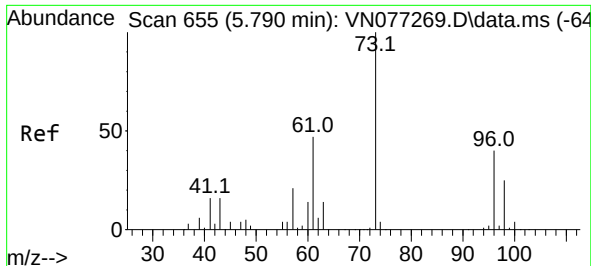
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023



#18
 Methylene Chloride
 Concen: 2.891 ug/l m
 RT: 5.272 min Scan# 567
 Delta R.T. -0.018 min
 Lab File: VN077279.D
 Acq: 07 Apr 2023 16:20

Tgt Ion: 84 Resp: 20854
 Ion Ratio Lower Upper
 84 100
 49 97.4 82.7 124.1
 51 18.9 25.6 38.4#
 86 58.4 50.2 75.4





#19

trans-1,2-Dichloroethene

Concen: 2.670 ug/l m

RT: 5.784 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 96 Resp: 1803

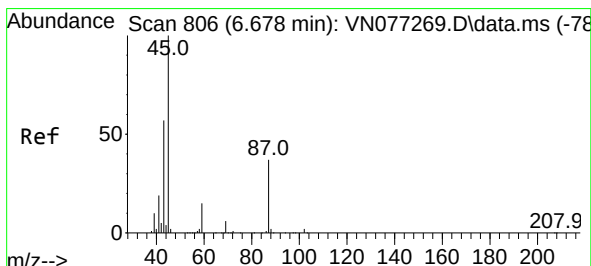
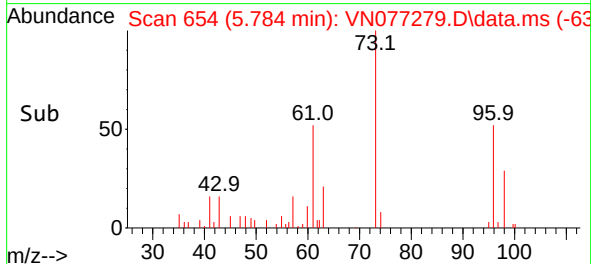
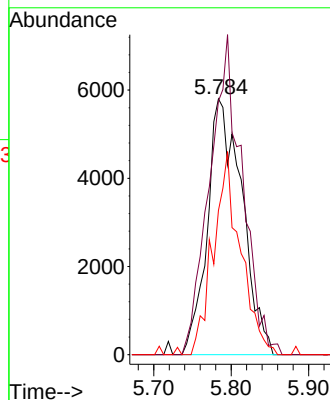
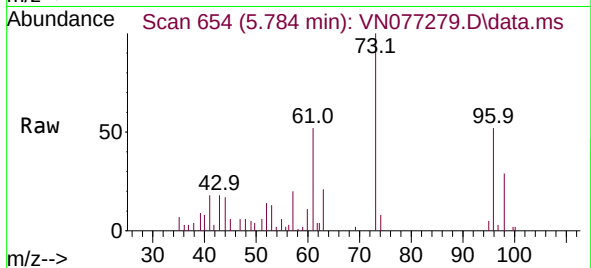
Ion	Ratio	Lower	Upper
96	100		
61	99.1	94.5	141.7
98	56.3	49.8	74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#20

Diisopropyl ether

Concen: 2.399 ug/l

RT: 6.683 min Scan# 807

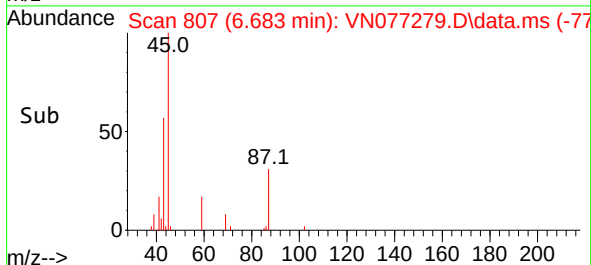
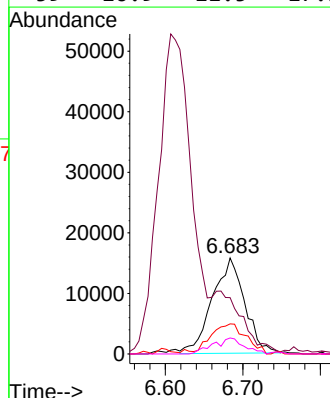
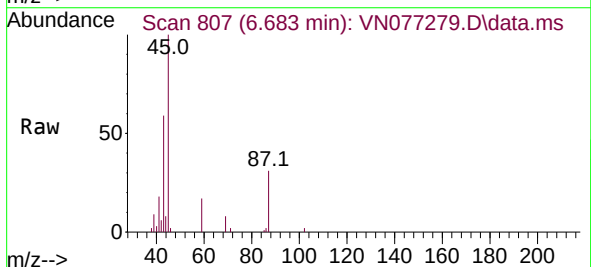
Delta R.T. 0.006 min

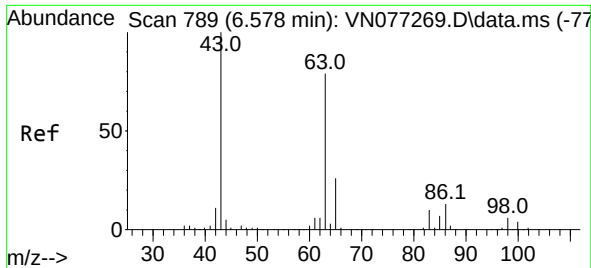
Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

Tgt Ion: 45 Resp: 45730

Ion	Ratio	Lower	Upper
45	100		
43	57.0	45.9	68.9
87	30.3	30.1	45.1
59	16.9	11.5	17.3





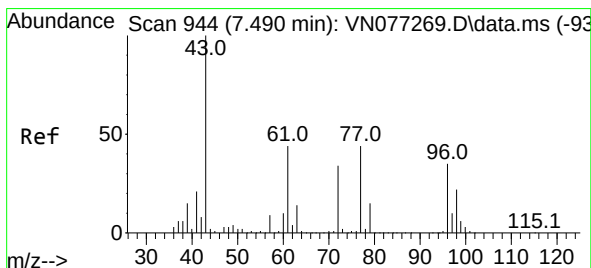
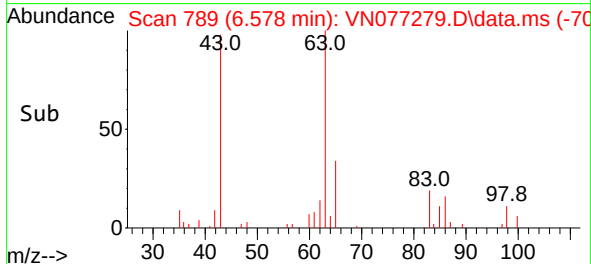
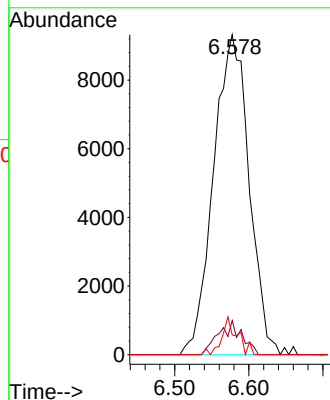
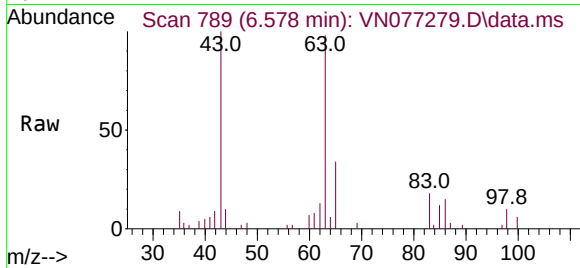
#21
1,1-Dichloroethane
Concen: 2.570 ug/l
RT: 6.578 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 63 Resp: 3105
Ion Ratio Lower Upper
63 100
98 10.7 3.9 11.7
100 6.2 2.3 6.8

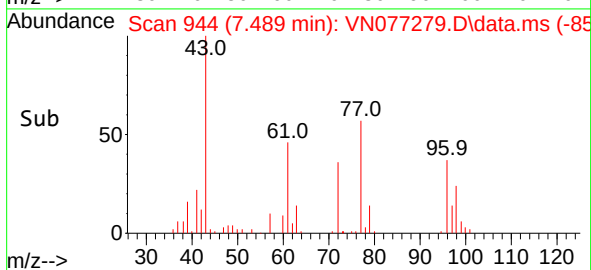
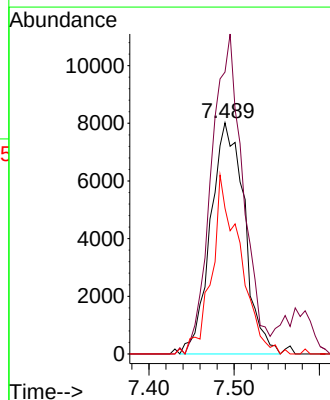
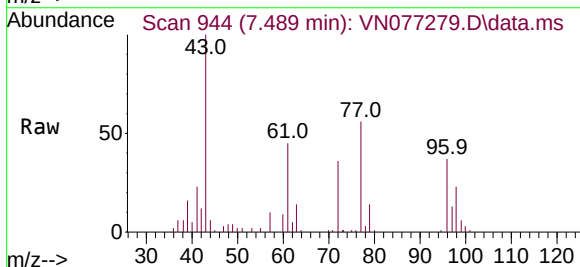
Manual Integrations
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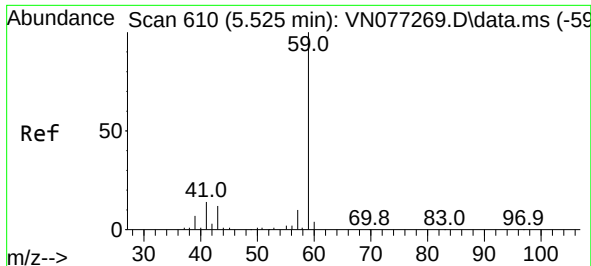
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#22
cis-1,2-Dichloroethene
Concen: 2.688 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

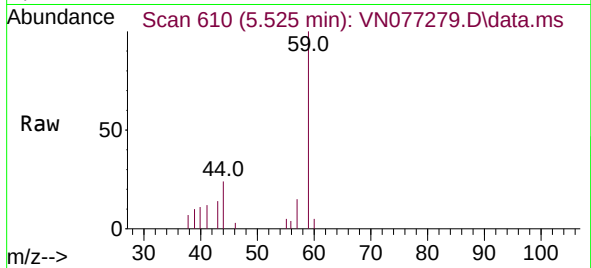
Tgt Ion: 96 Resp: 22137
Ion Ratio Lower Upper
96 100
61 129.1 105.5 158.3
98 61.9 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 13.682 ug/l m
RT: 5.525 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

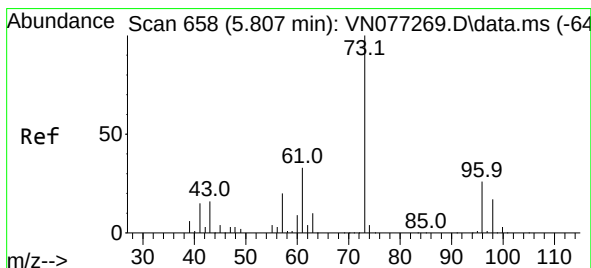
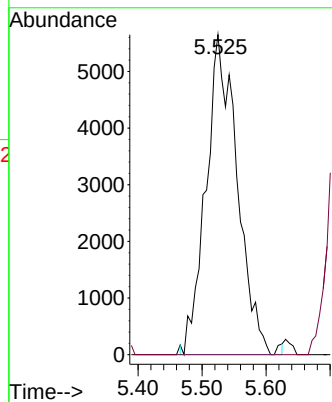
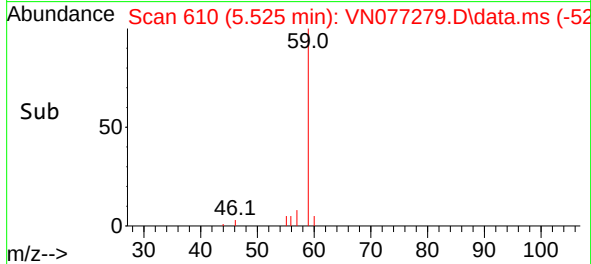
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 59 Resp: 1924
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

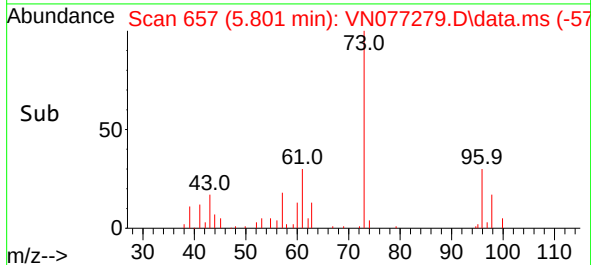
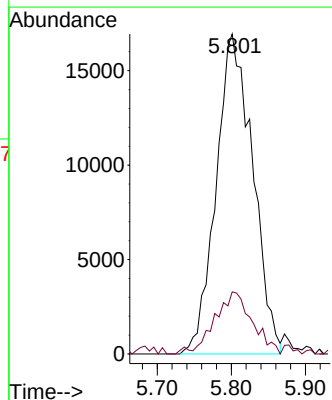
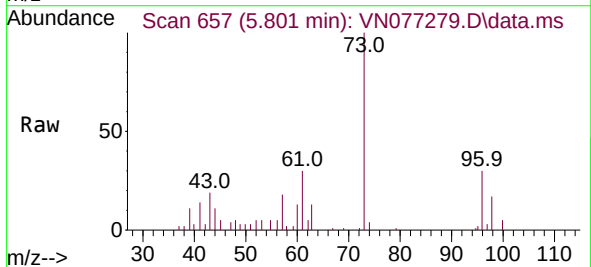
Manual Integrations
APPROVED

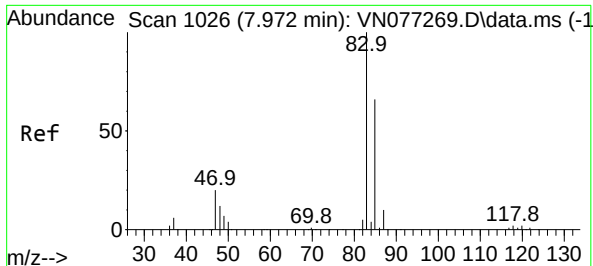
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#24
Methyl tert-Butyl Ether
Concen: 2.597 ug/l
RT: 5.801 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 73 Resp: 58089
Ion Ratio Lower Upper
73 100
43 18.7 13.5 20.3





#25

Chloroform

Concen: 2.572 ug/l m

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 83 Resp: 33679

Ion Ratio Lower Upper

83 100

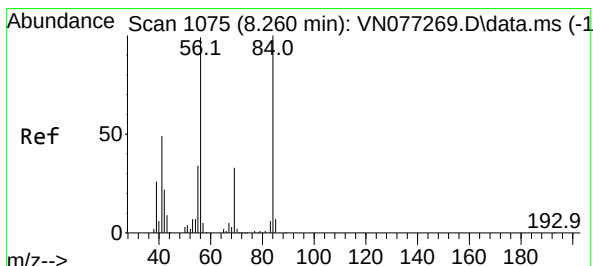
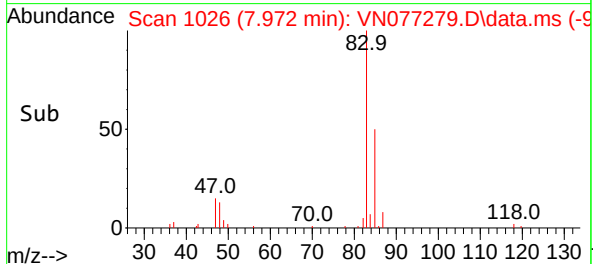
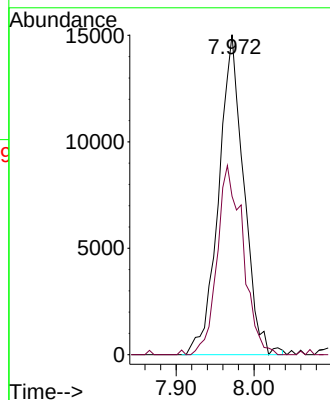
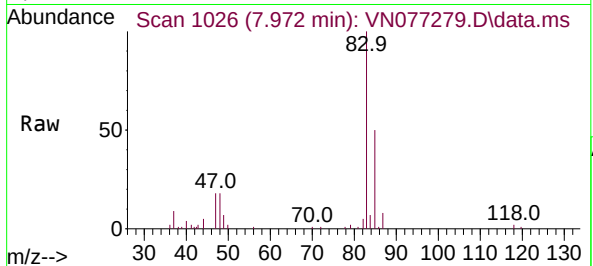
85 49.5 52.9 79.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#26

Cyclohexane

Concen: 2.538 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

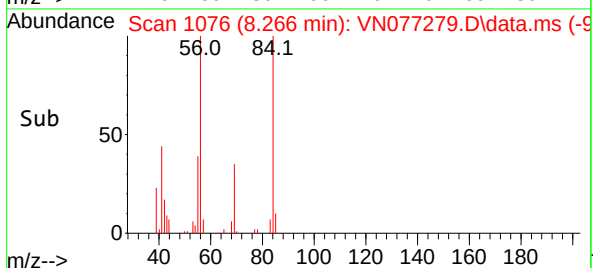
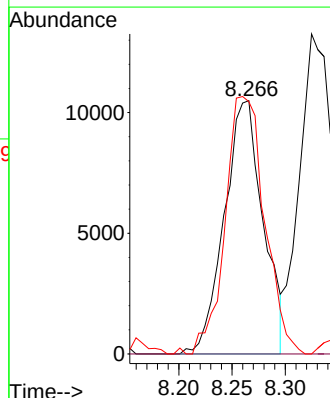
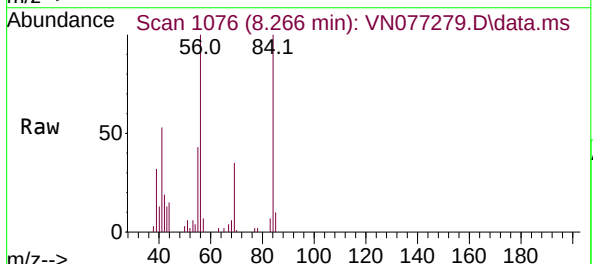
Tgt Ion: 56 Resp: 26639

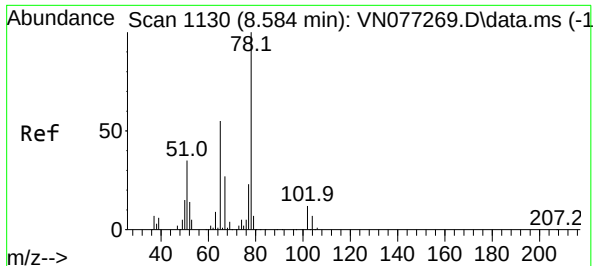
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 103.1 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 29.255 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 65 Resp: 146279

Ion Ratio Lower Upper

65 100

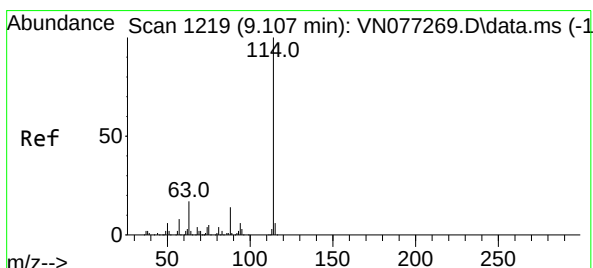
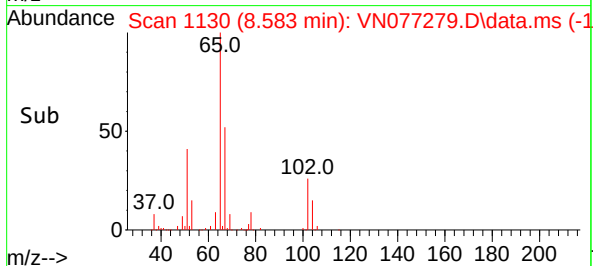
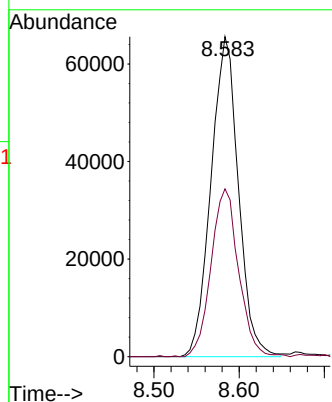
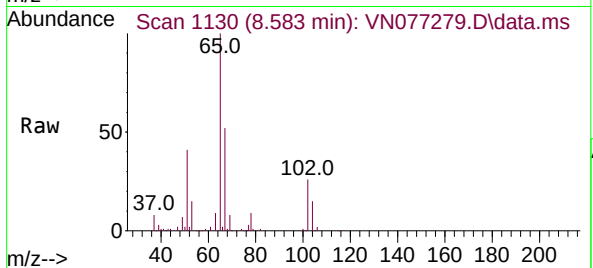
67 52.5 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

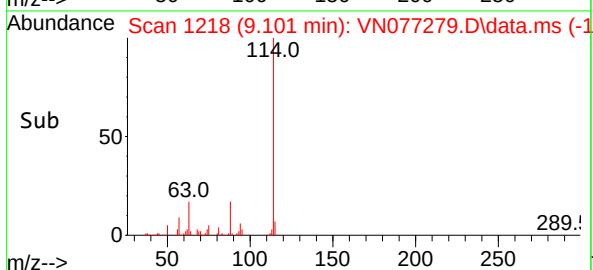
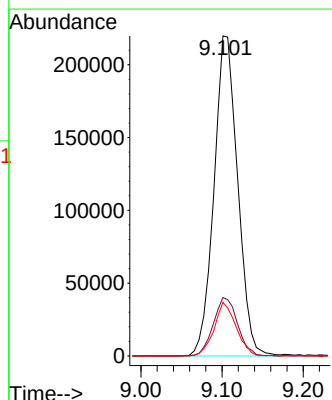
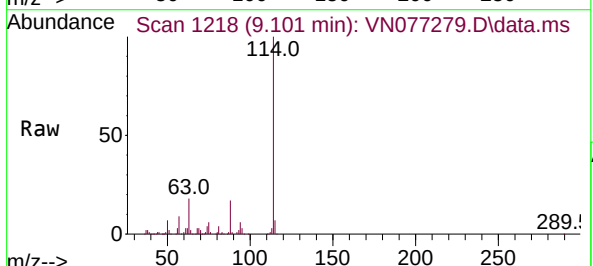
Tgt Ion:114 Resp: 446145

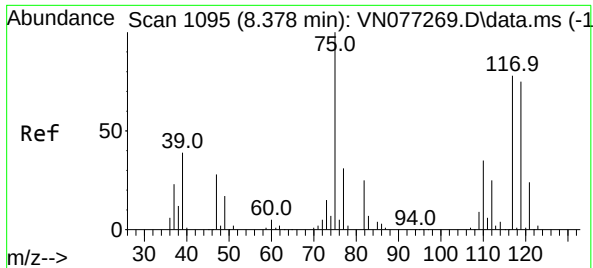
Ion Ratio Lower Upper

114 100

63 18.6 15.0 22.4

88 15.6 11.9 17.9





#29
1,1-Dichloropropene
Concen: 2.560 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

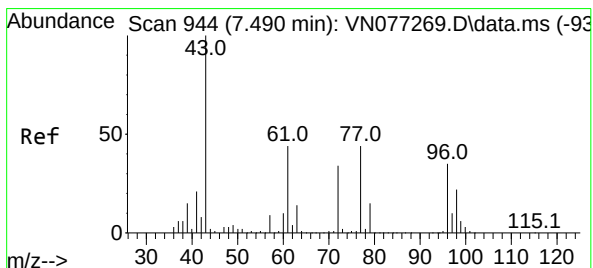
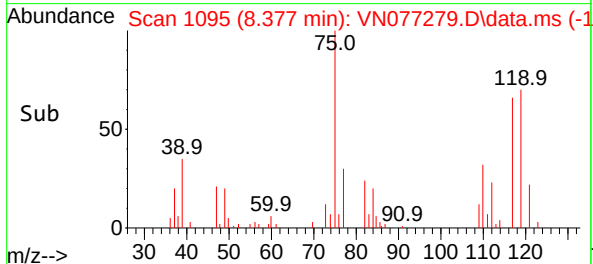
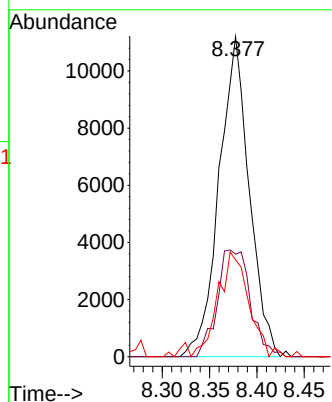
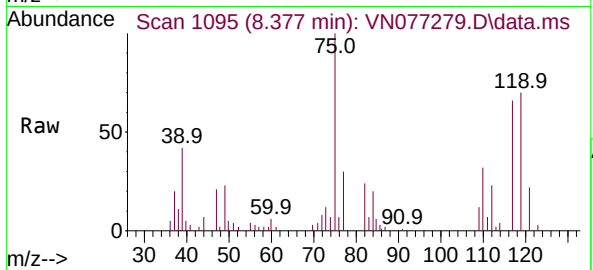
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 75 Resp: 24740

Ion	Ratio	Lower	Upper
75	100		
110	22.2	0.0	72.4
77	32.8	0.0	61.4

Manual Integrations
APPROVED

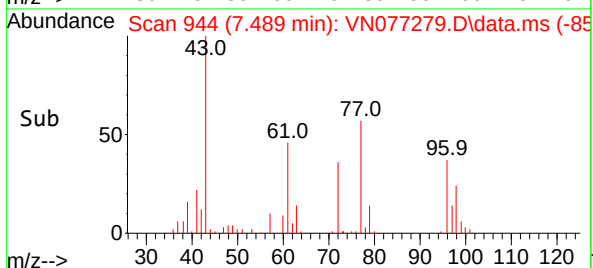
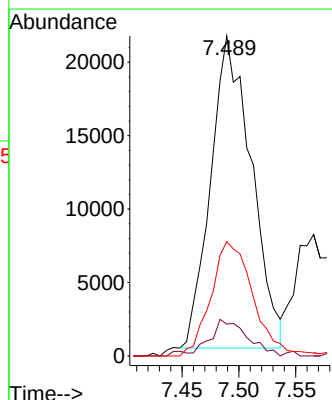
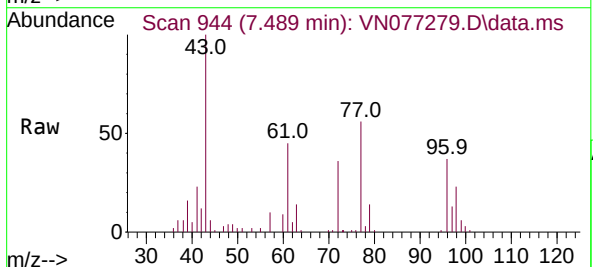
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

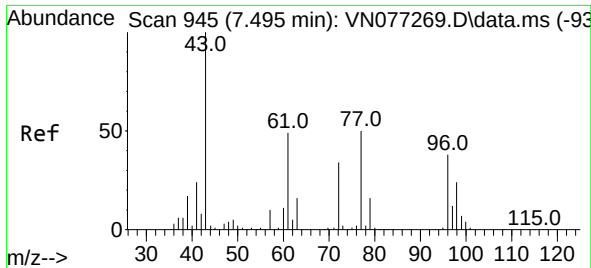


#30
2-Butanone
Concen: 11.619 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 43 Resp: 53105

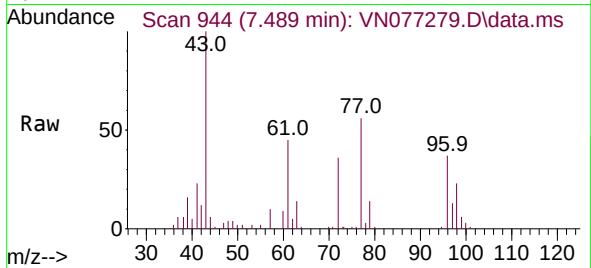
Ion	Ratio	Lower	Upper
43	100		
57	10.5	7.5	11.3
72	37.9	26.9	40.3





#31
2,2-Dichloropropane
Concen: 2.543 ug/l
RT: 7.489 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

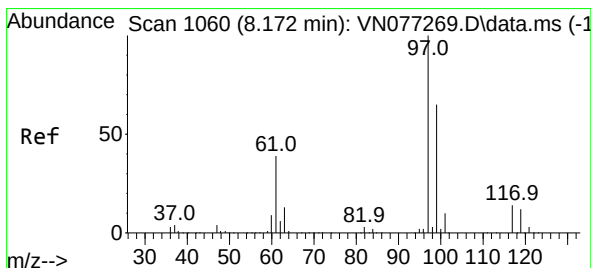
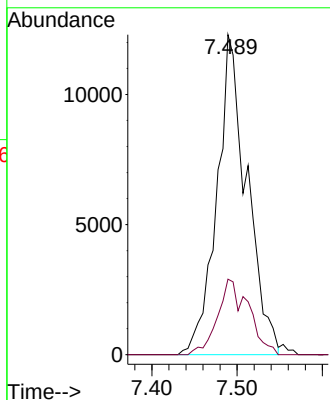
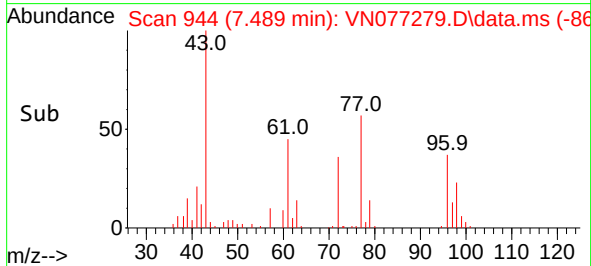
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



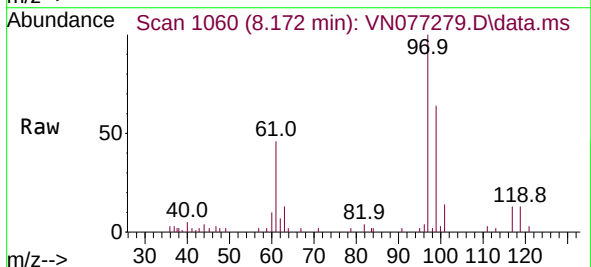
Tgt Ion: 77 Resp: 3016
Ion Ratio Lower Upper
77 100
97 15.5 18.8 28.2

Manual Integrations
APPROVED

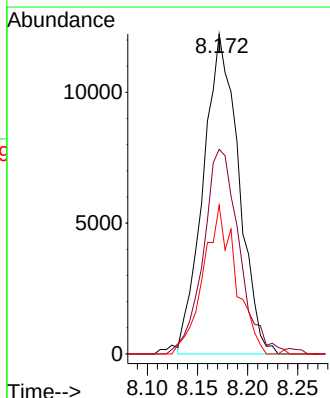
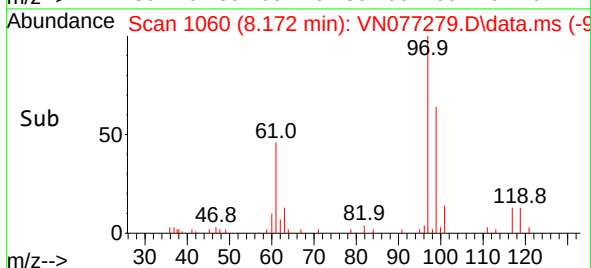
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

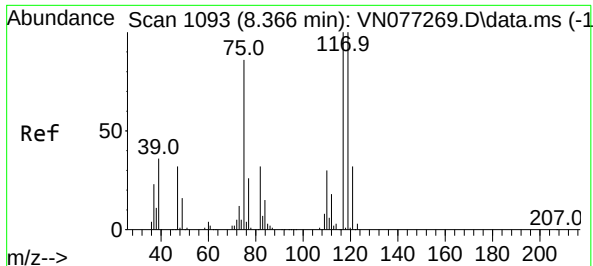


#32
1,1,1-Trichloroethane
Concen: 2.528 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20



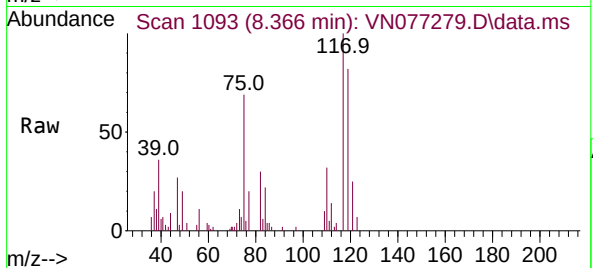
Tgt Ion: 97 Resp: 30066
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 42.7 32.4 48.6





#33
Carbon Tetrachloride
Concen: 2.569 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

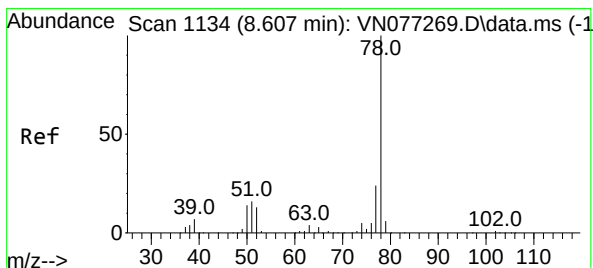
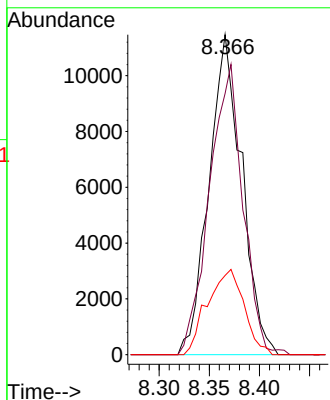
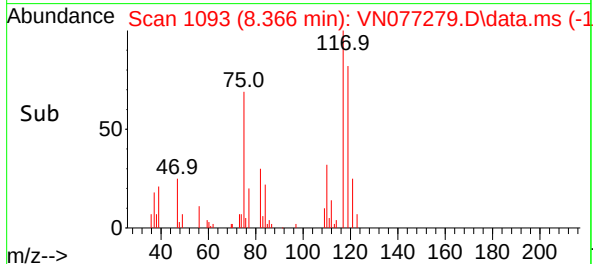
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 117 Resp: 2608
Ion Ratio Lower Upper
117 100
119 81.6 80.2 120.4
121 24.8 26.0 39.0

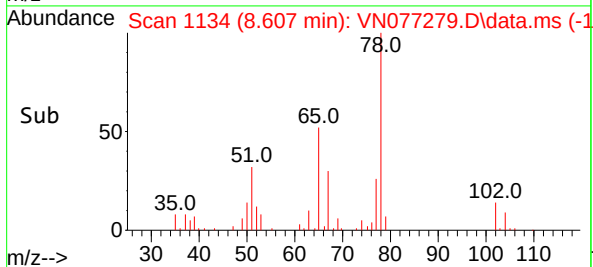
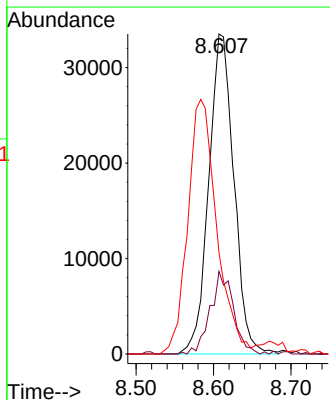
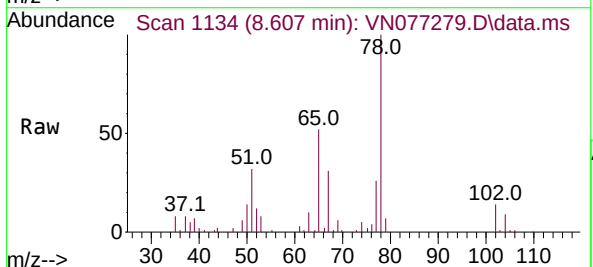
Manual Integrations
APPROVED

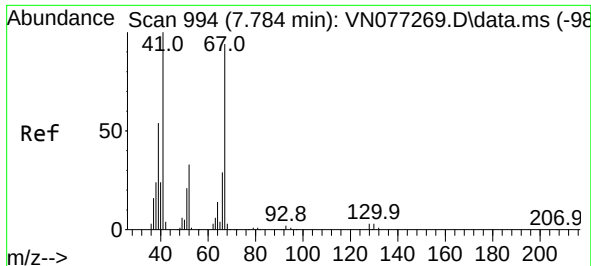
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#34
Benzene
Concen: 2.534 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

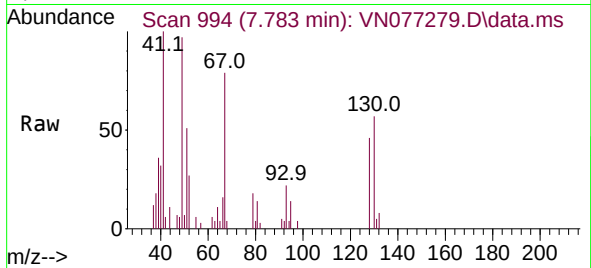
Tgt Ion: 78 Resp: 75765
Ion Ratio Lower Upper
78 100
77 25.8 19.4 29.0
51 28.9 12.6 19.0





#35
Methacrylonitrile
Concen: 2.906 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

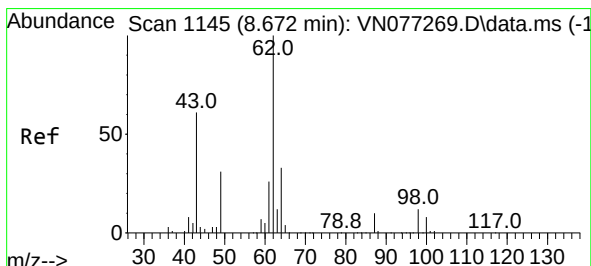
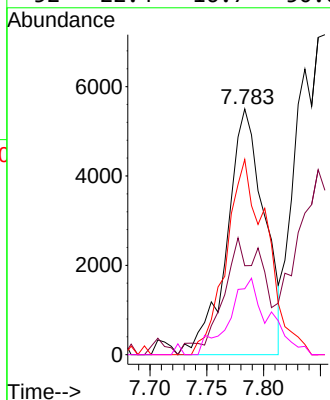
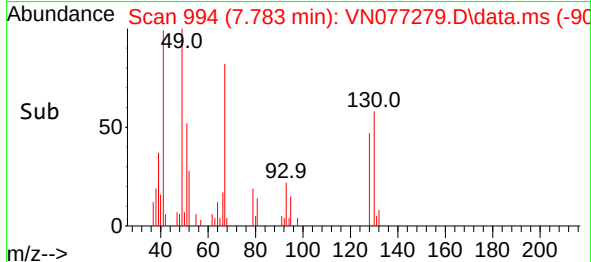
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



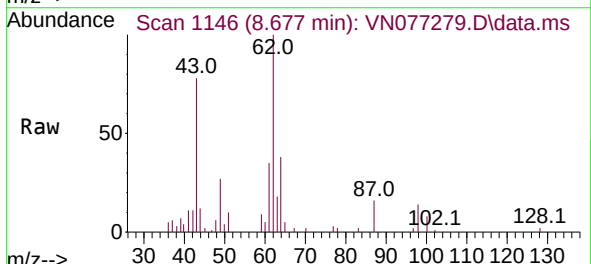
Tgt Ion	Ratio	Lower	Upper
41	100		
39	36.2	27.1	81.2
67	79.4	46.8	140.4
52	22.4	16.7	50.0

Manual Integrations
APPROVED

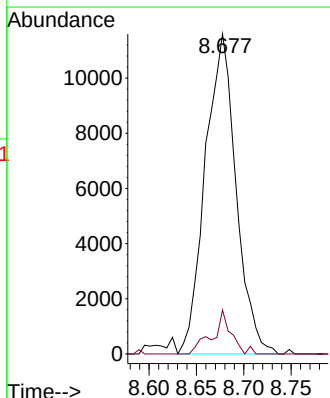
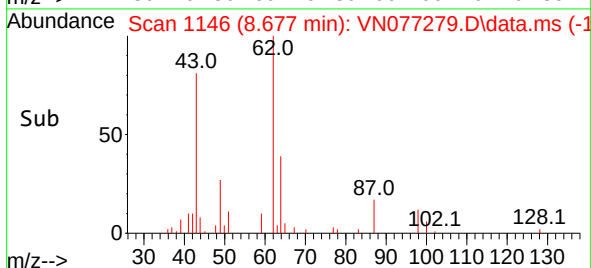
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

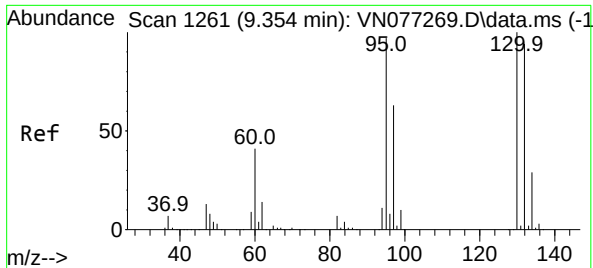


#36
1,2-Dichloroethane
Concen: 2.806 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20



Tgt Ion	Ratio	Lower	Upper
62	100		
98	5.4	8.3	12.5





#37

Trichloroethene

Concen: 2.543 ug/l

RT: 9.360 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion:130 Resp: 18600

Ion Ratio Lower Upper

130 100

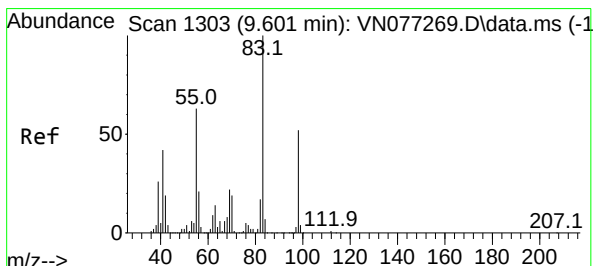
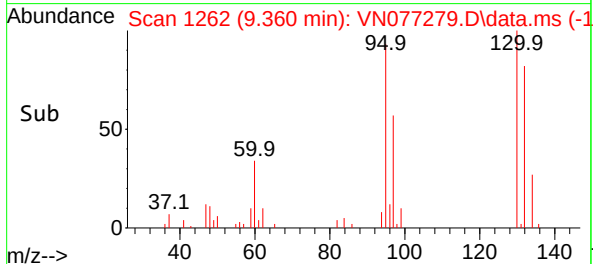
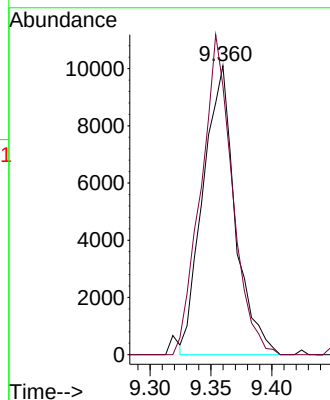
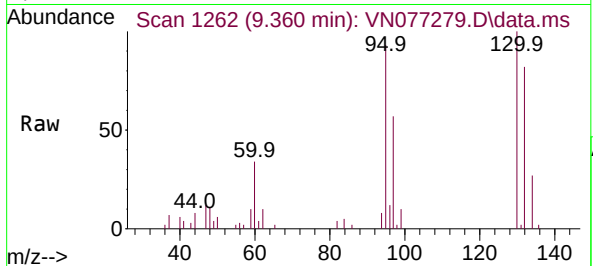
95 93.1 77.5 116.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#38

Methylcyclohexane

Concen: 2.611 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

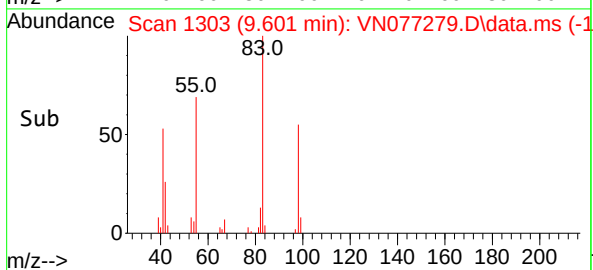
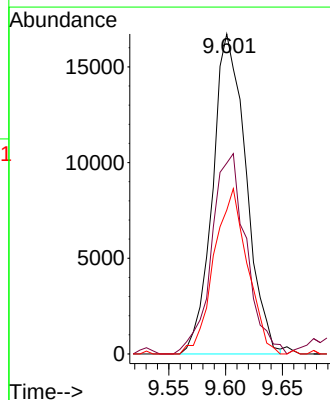
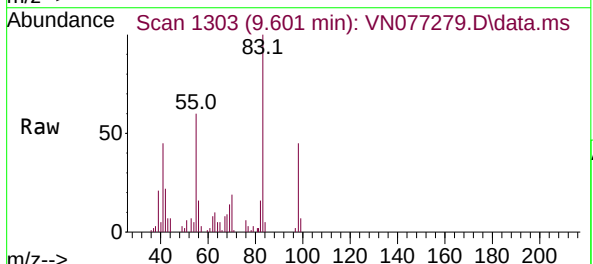
Tgt Ion: 83 Resp: 34222

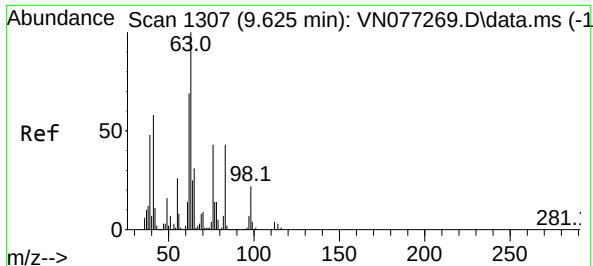
Ion Ratio Lower Upper

83 100

55 64.6 32.0 96.2

98 51.8 25.3 75.9





#39

1,2-Dichloropropane

Concen: 2.558 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077279.D

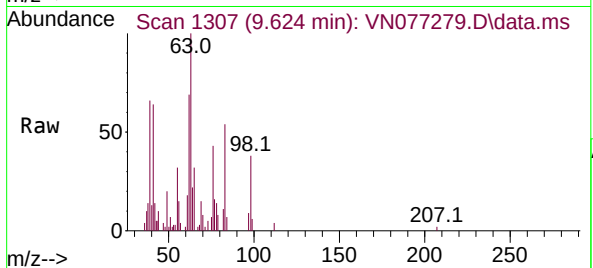
Acq: 07 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 63 Resp: 1898

Ion Ratio Lower Upper

63 100

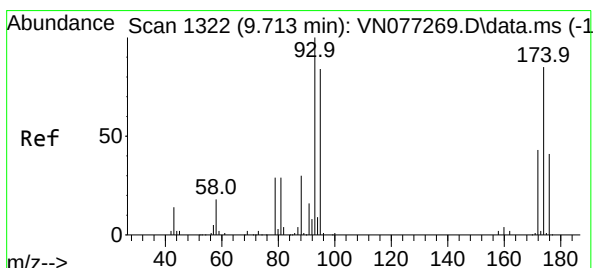
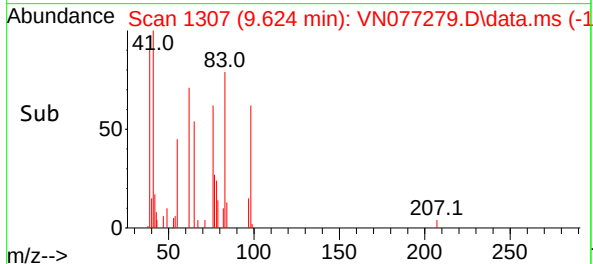
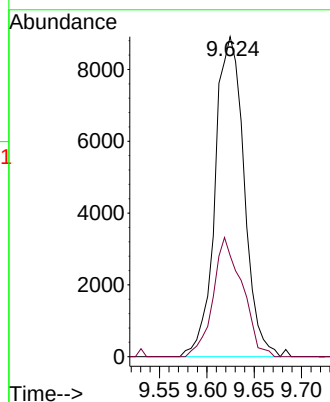
65 31.6 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#40

Dibromomethane

Concen: 2.583 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

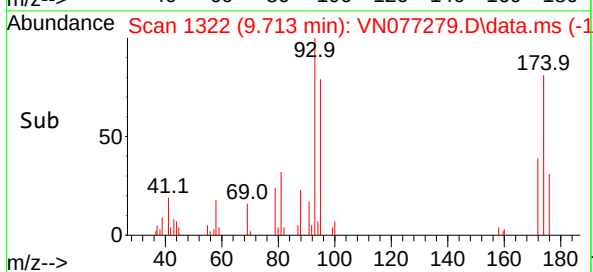
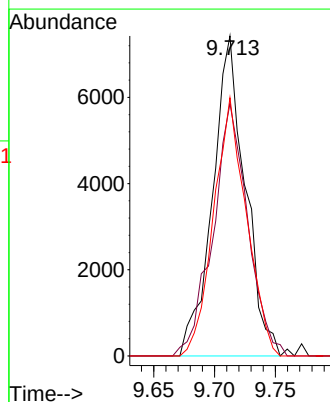
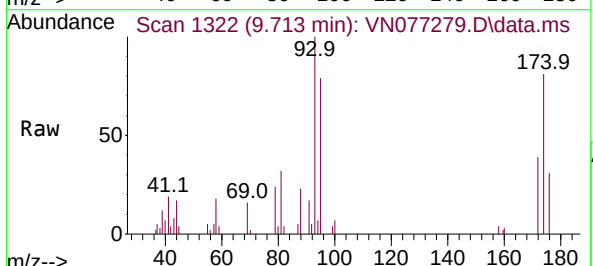
Tgt Ion: 93 Resp: 13816

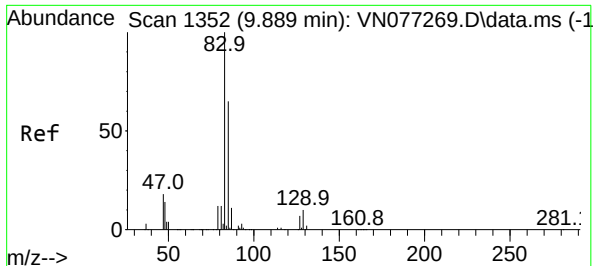
Ion Ratio Lower Upper

93 100

95 84.6 0.0 166.4

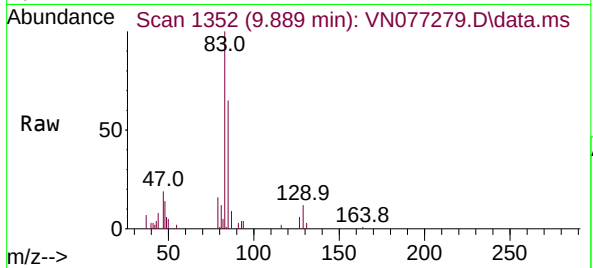
174 81.3 0.0 164.8





#41
Bromodichloromethane
Concen: 2.489 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

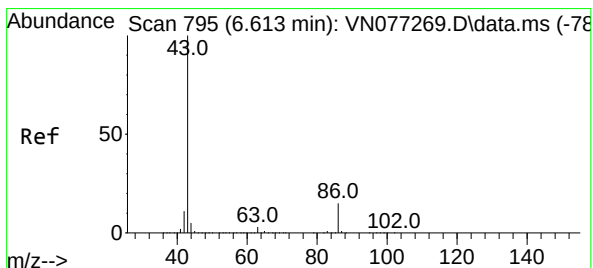
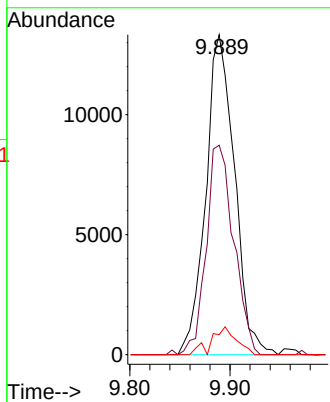
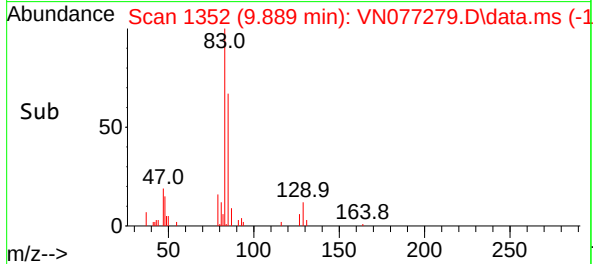
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 83 Resp: 2654
Ion Ratio Lower Upper
83 100
85 65.4 52.3 78.5
127 6.3 5.9 8.9

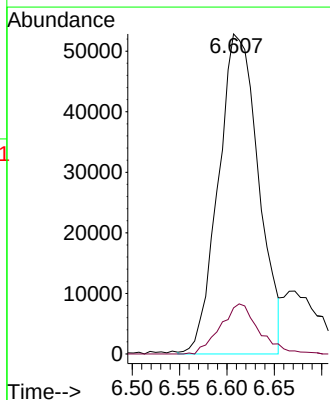
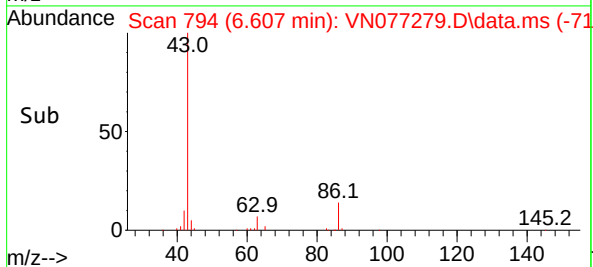
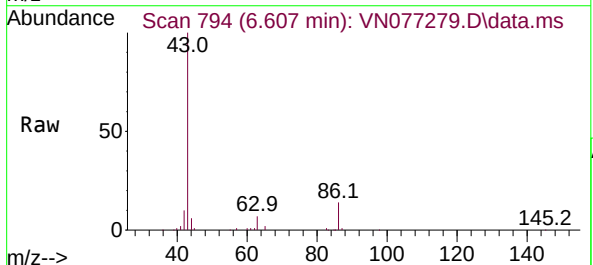
Manual Integrations
APPROVED

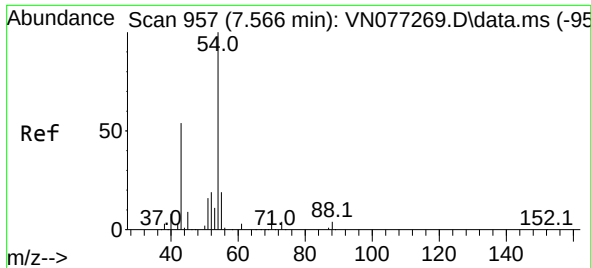
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#42
Vinyl Acetate
Concen: 11.812 ug/l
RT: 6.607 min Scan# 794
Delta R.T. -0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

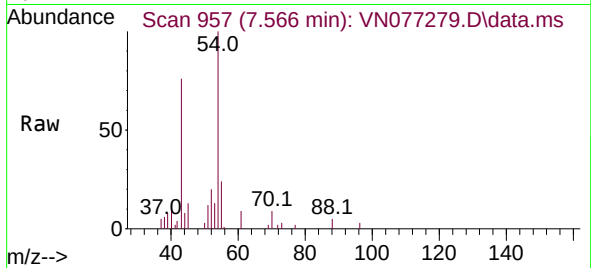
Tgt Ion: 43 Resp: 156248
Ion Ratio Lower Upper
43 100
86 15.1 0.0 0.0#





#43
Ethyl Acetate
Concen: 2.718 ug/l m
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

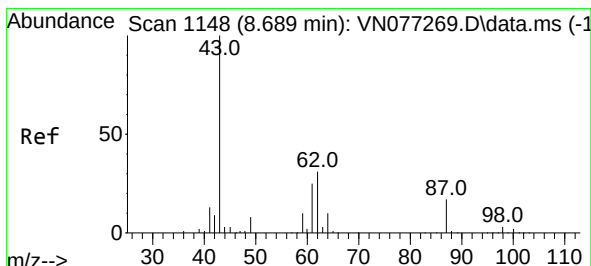
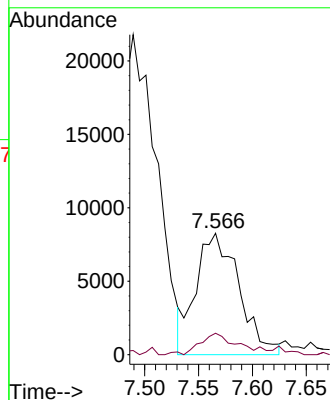
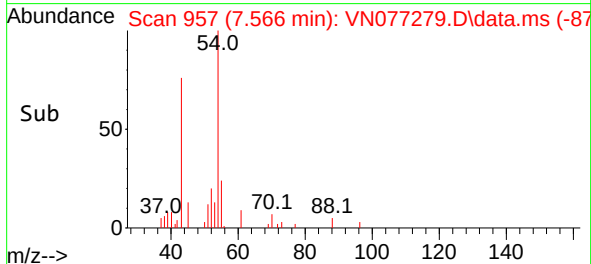
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 43 Resp: 22979
Ion Ratio Lower Upper
43 100
45 0.3 12.3 18.5

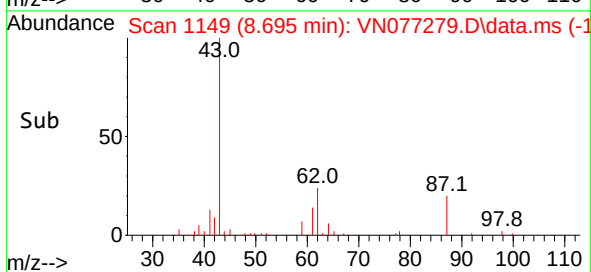
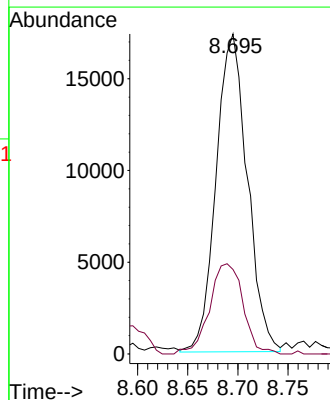
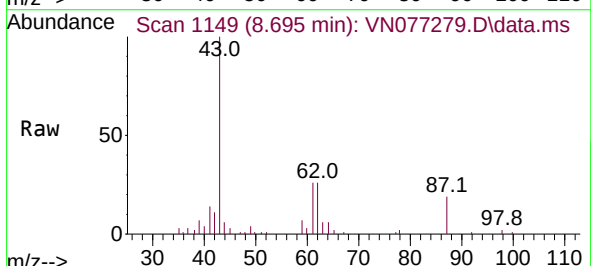
Manual Integrations
APPROVED

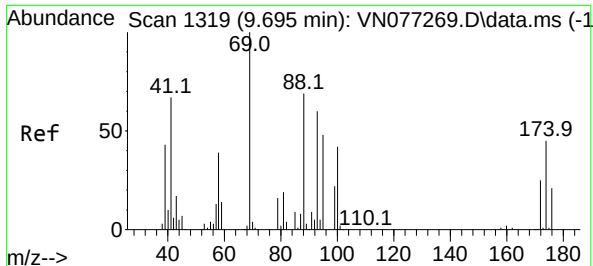
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#44
Isopropyl Acetate
Concen: 2.479 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 43 Resp: 37529
Ion Ratio Lower Upper
43 100
61 27.8 0.0 0.0#





#45

1,4-Dioxane

Concen: 41.724 ug/l

RT: 9.701 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

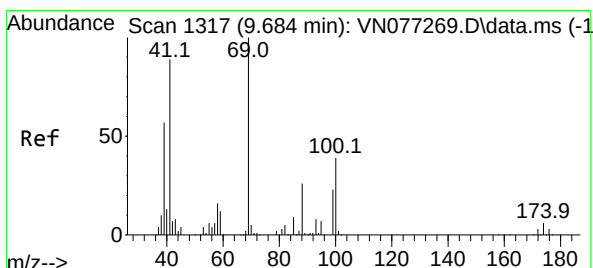
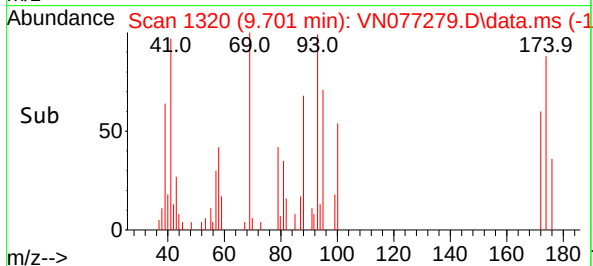
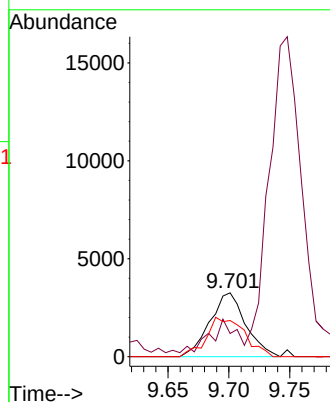
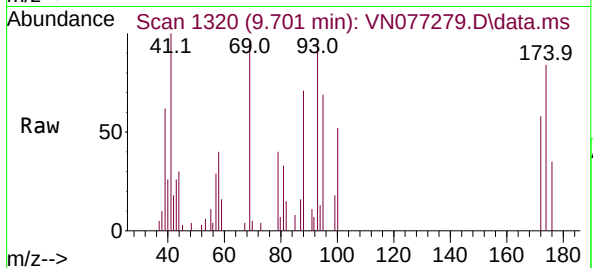
Tgt Ion: 88	Resp: 6662
Ion Ratio	Lower Upper
88 100	
43 14.5	17.4 26.0
58 65.1	48.2 72.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#46

Methyl methacrylate

Concen: 2.564 ug/l

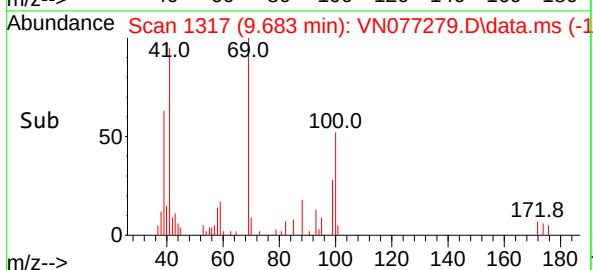
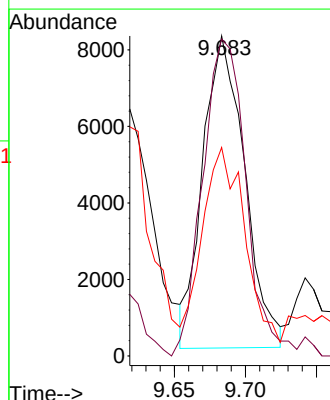
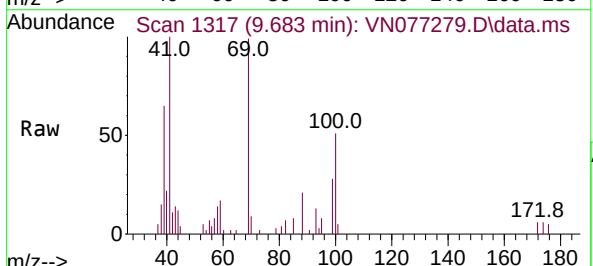
RT: 9.683 min Scan# 1317

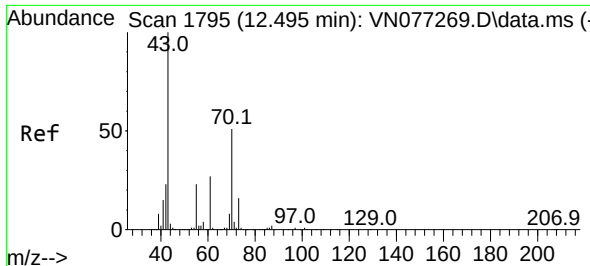
Delta R.T. -0.000 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

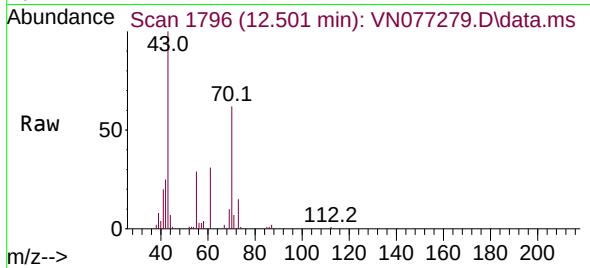
Tgt Ion: 41	Resp: 16712
Ion Ratio	Lower Upper
41 100	
69 104.0	54.5 163.5
39 67.0	33.4 100.2





#47
n-amy1 Acetate
Concen: 2.196 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

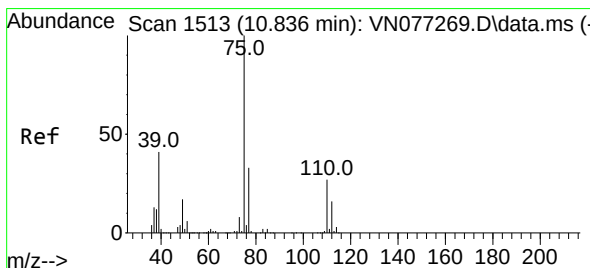
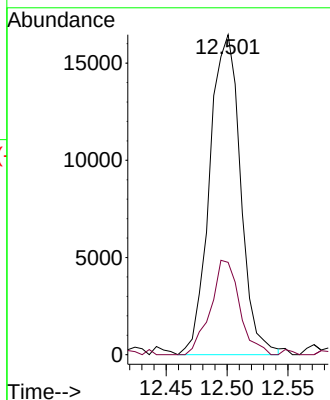
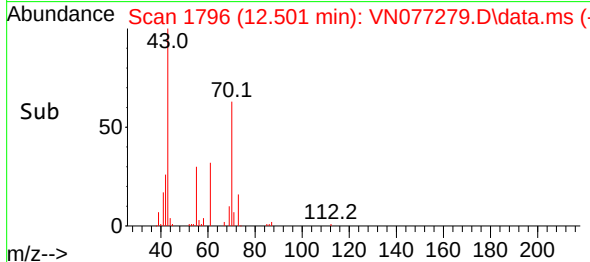
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 43 Resp: 2905
Ion Ratio Lower Upper
43 100
55 27.7 19.4 29.0

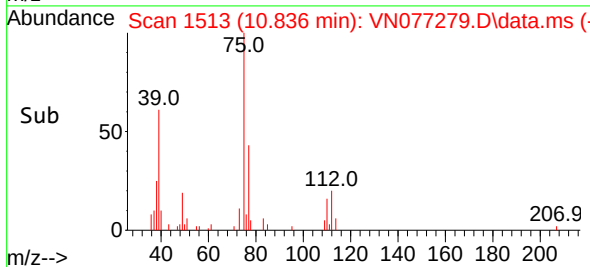
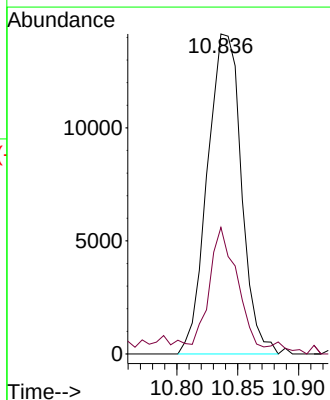
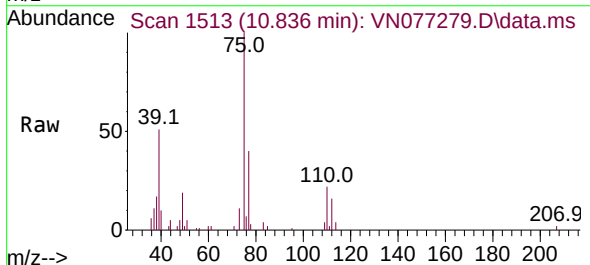
Manual Integrations
APPROVED

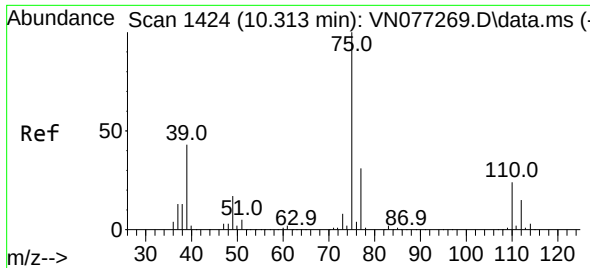
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#48
t-1,3-Dichloropropene
Concen: 2.298 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

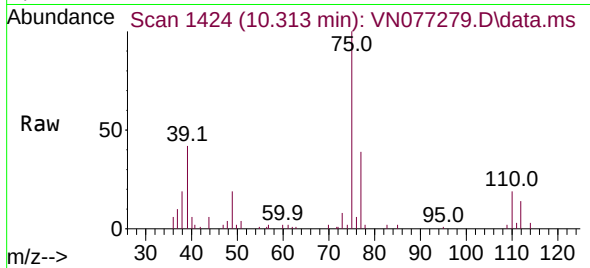
Tgt Ion: 75 Resp: 27430
Ion Ratio Lower Upper
75 100
77 35.8 26.5 39.7





#49
 cis-1,3-Dichloropropene
 Concen: 2.372 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077279.D
 Acq: 07 Apr 2023 16:20

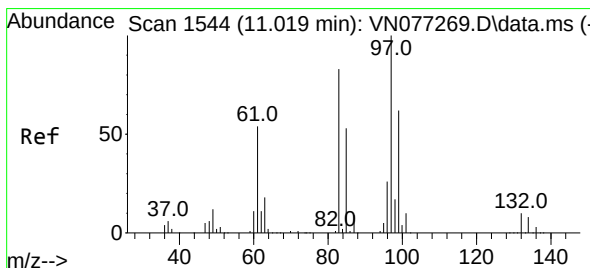
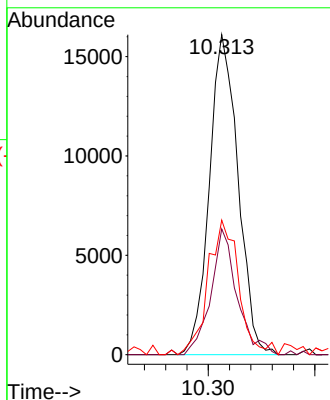
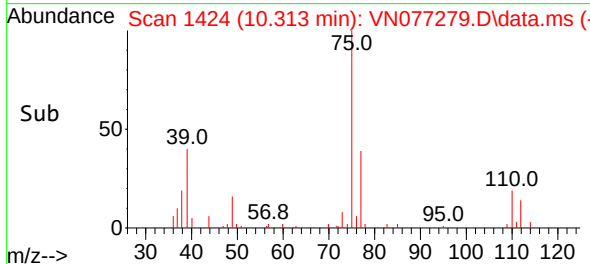
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 75 Resp: 30124
 Ion Ratio Lower Upper
 75 100
 77 39.3 25.0 37.6
 39 42.0 34.4 51.6

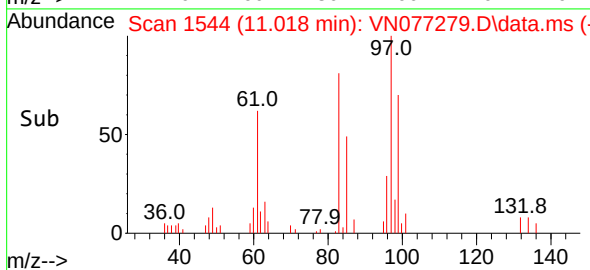
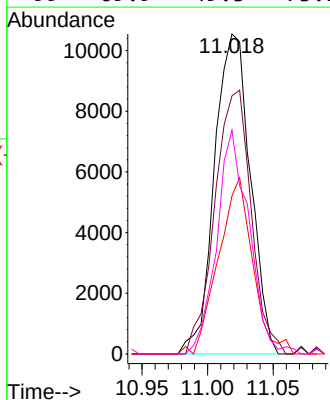
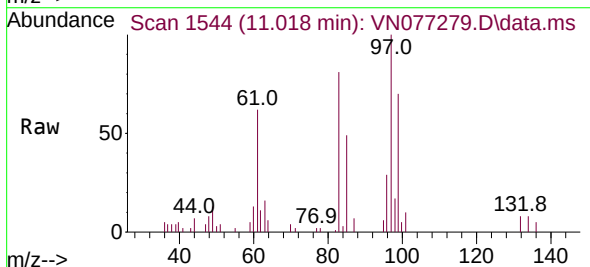
Manual Integrations
 APPROVED

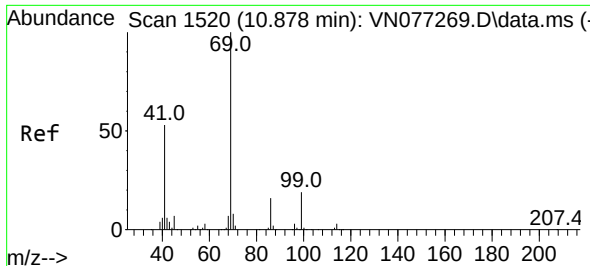
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023



#50
 1,1,2-Trichloroethane
 Concen: 2.584 ug/l
 RT: 11.018 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077279.D
 Acq: 07 Apr 2023 16:20

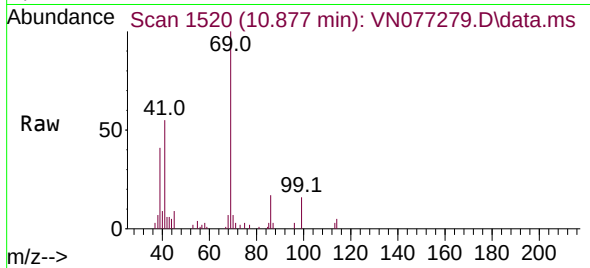
Tgt Ion: 97 Resp: 20078
 Ion Ratio Lower Upper
 97 100
 83 80.7 66.7 100.1
 85 49.4 42.4 63.6
 99 69.9 49.3 73.9





#51
Ethyl methacrylate
Concen: 2.444 ug/l
RT: 10.877 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

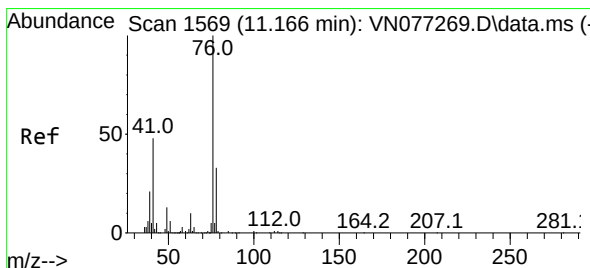
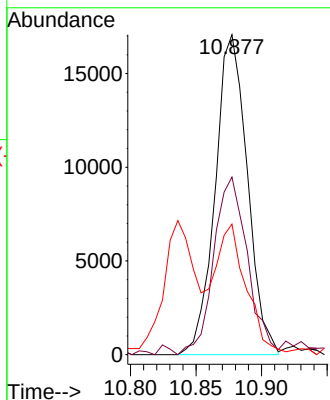
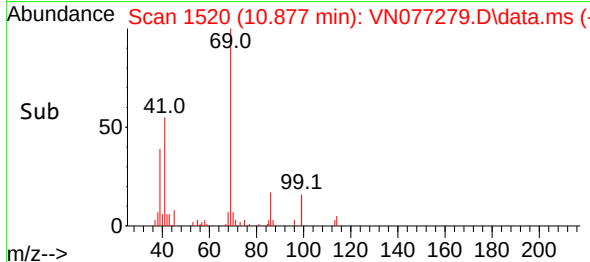
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 69 Resp: 29164
Ion Ratio Lower Upper
69 100
41 55.5 26.7 80.0
39 39.1 17.0 50.9

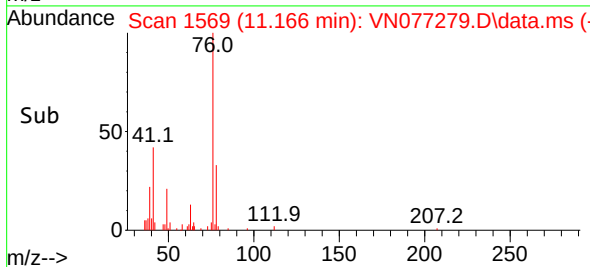
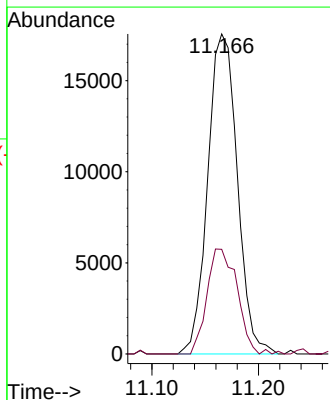
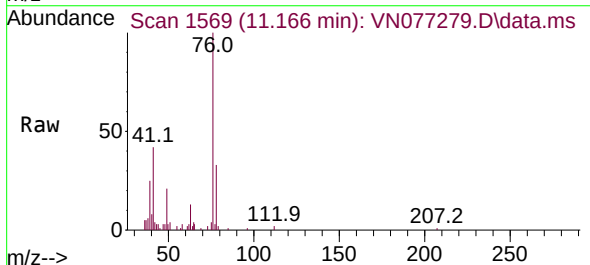
Manual Integrations
APPROVED

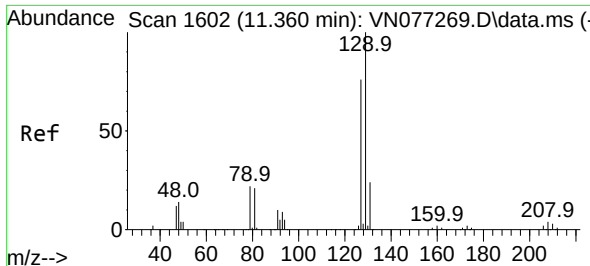
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#52
1,3-Dichloropropane
Concen: 2.612 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

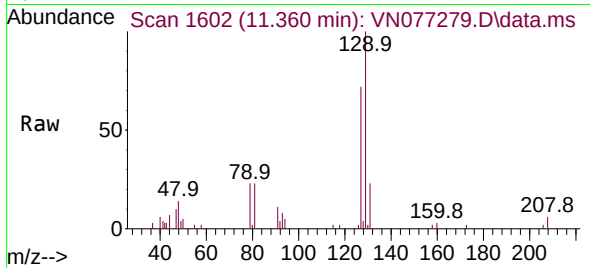
Tgt Ion: 76 Resp: 33872
Ion Ratio Lower Upper
76 100
78 33.1 0.0 65.0





#53
Dibromochloromethane
Concen: 2.454 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

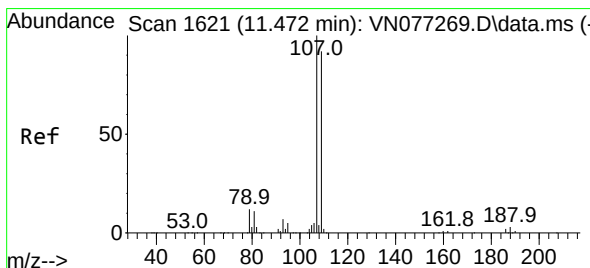
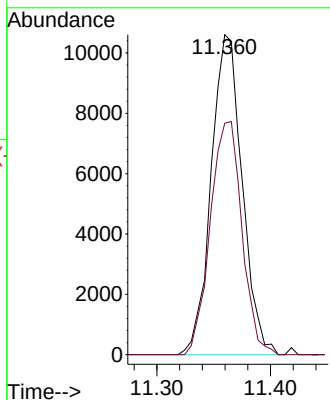
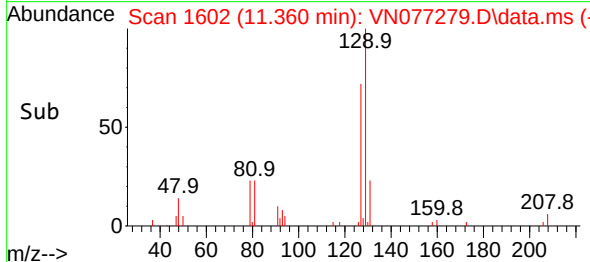
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



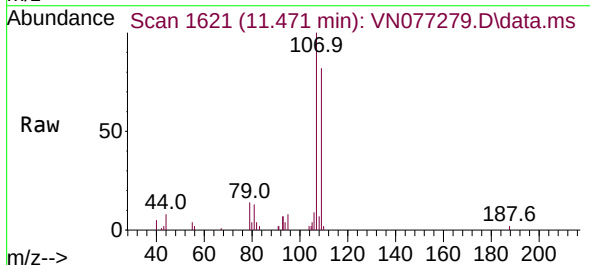
Tgt Ion:129 Resp: 2009
Ion Ratio Lower Upper
129 100
127 74.3 38.6 115.8

Manual Integrations
APPROVED

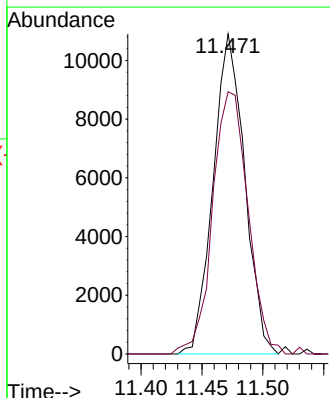
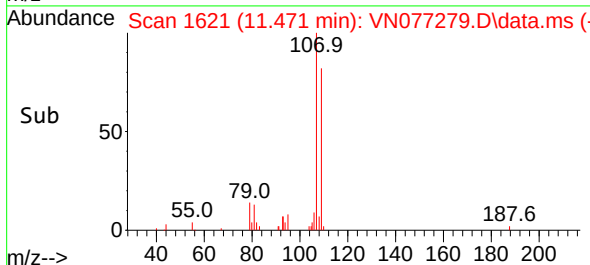
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

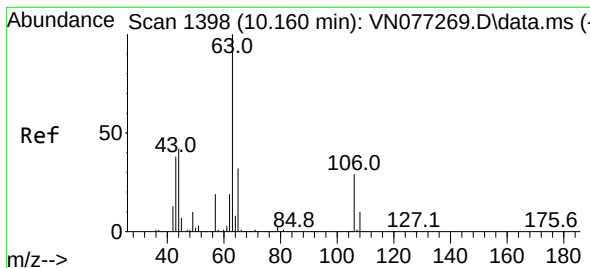


#54
1,2-Dibromoethane
Concen: 2.515 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20



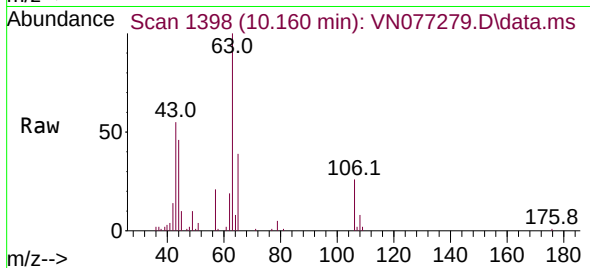
Tgt Ion:107 Resp: 19613
Ion Ratio Lower Upper
107 100
109 92.1 74.1 111.1





#55
2-Chloroethyl vinyl ether
Concen: 12.102 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

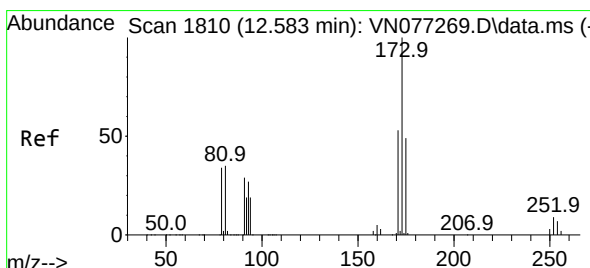
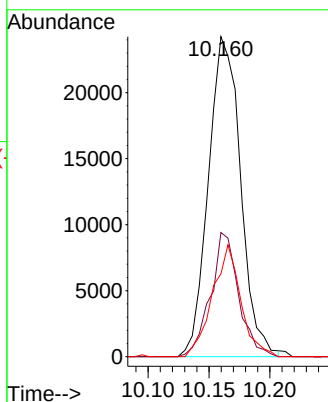
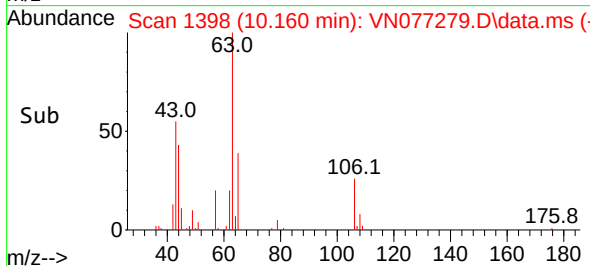
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 63 Resp: 44578
Ion Ratio Lower Upper
63 100
65 33.8 25.7 38.5
106 30.9 24.0 36.0

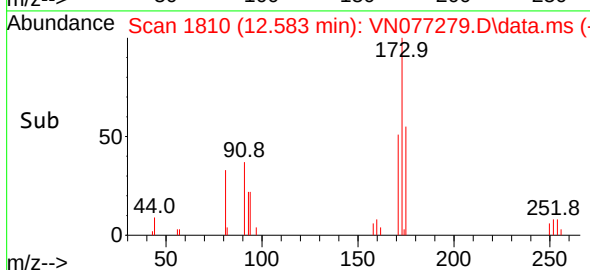
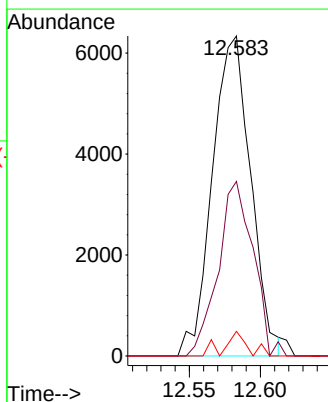
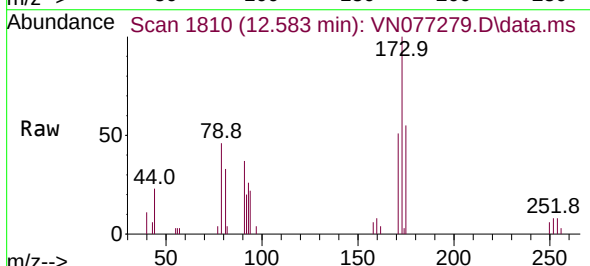
Manual Integrations
APPROVED

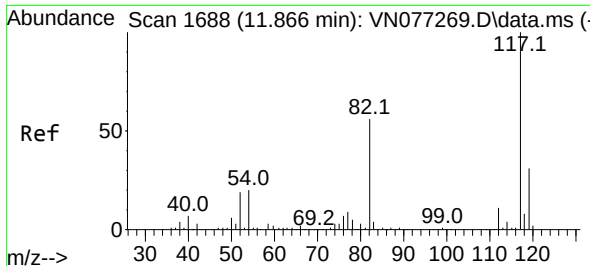
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#56
Bromoform
Concen: 2.163 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

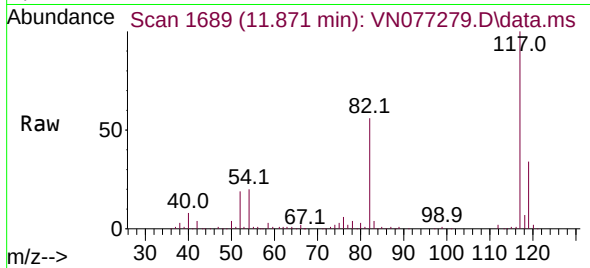
Tgt Ion:173 Resp: 11898
Ion Ratio Lower Upper
173 100
175 49.0 38.2 57.2
254 3.0 6.0 9.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

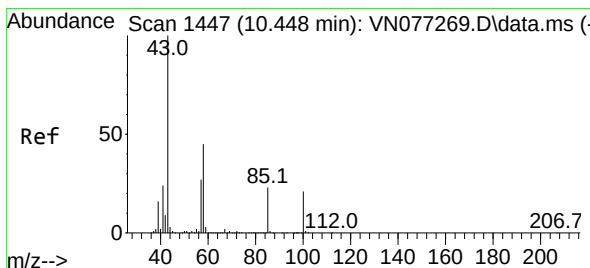
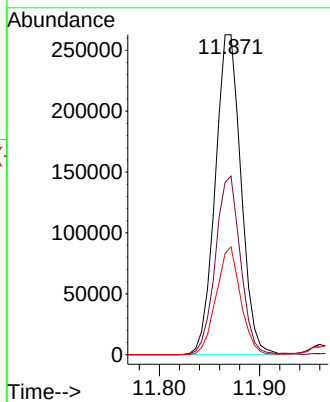
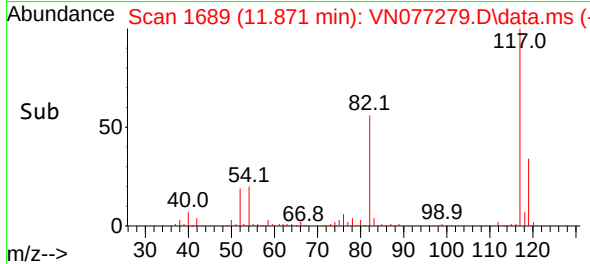
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:117 Resp: 469125
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.8
119 31.9 25.4 38.0

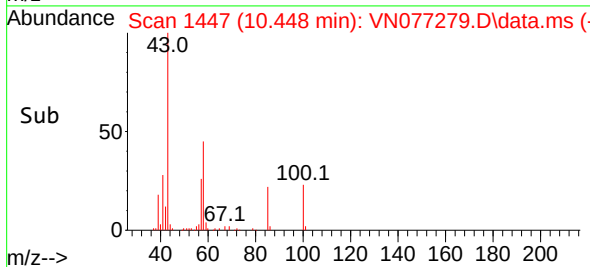
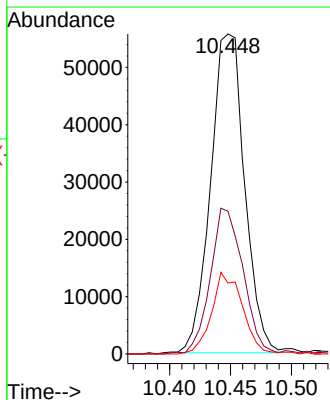
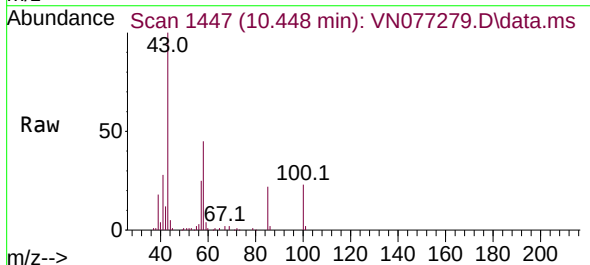
Manual Integrations
APPROVED

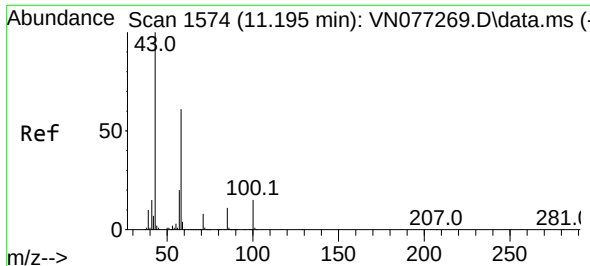
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#58
4-Methyl-2-Pentanone
Concen: 12.320 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

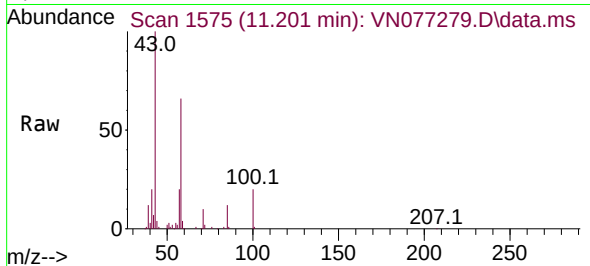
Tgt Ion: 43 Resp: 108215
Ion Ratio Lower Upper
43 100
58 43.7 34.7 52.1
85 23.1 17.8 26.8





#59
2-Hexanone
Concen: 12.097 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

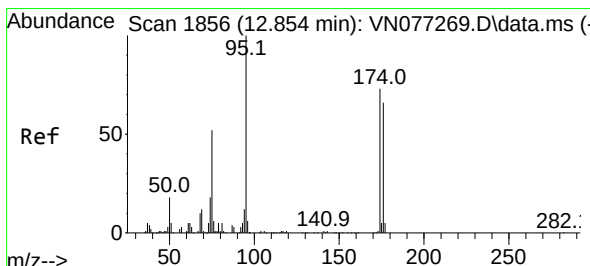
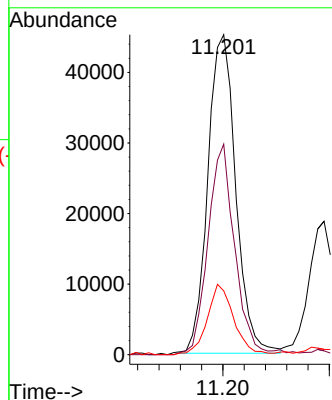
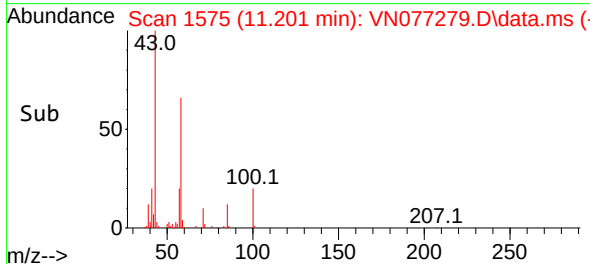
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 43 Resp: 82135
Ion Ratio Lower Upper
43 100
58 62.6 48.6 73.0
57 21.0 16.7 25.1

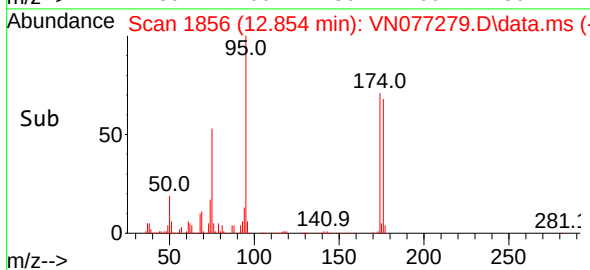
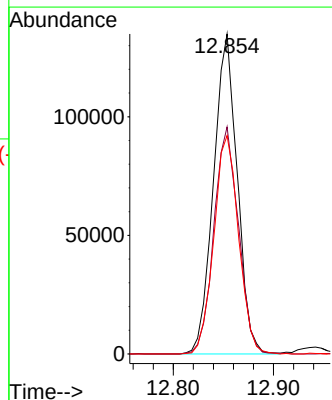
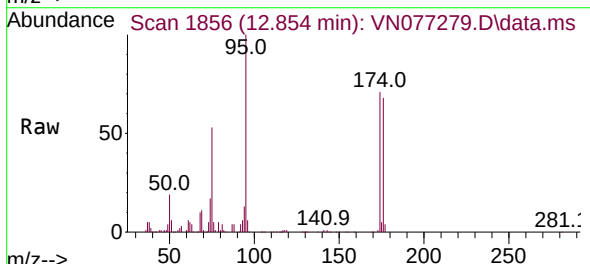
Manual Integrations
APPROVED

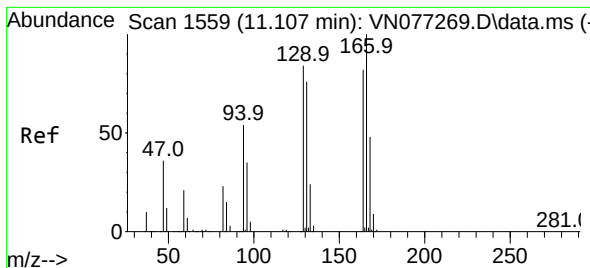
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#60
4-Bromofluorobenzene
Concen: 27.377 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 95 Resp: 222079
Ion Ratio Lower Upper
95 100
174 73.1 57.8 86.8
176 71.0 54.6 81.8





#61

Tetrachloroethene

Concen: 2.495 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. -0.000 min

Lab File: VN077279.D

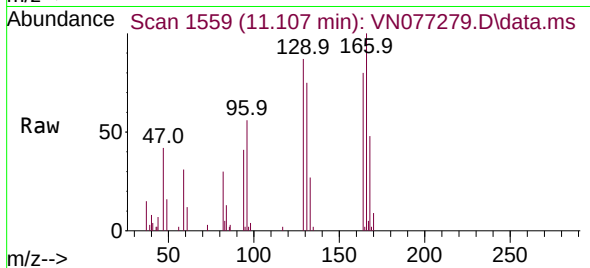
Acq: 07 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



Tgt Ion:164 Resp: 13924

Ion Ratio Lower Upper

164 100

166 124.4 97.9 146.9

129 108.3 82.5 123.7

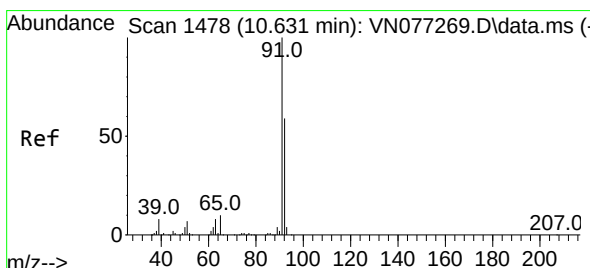
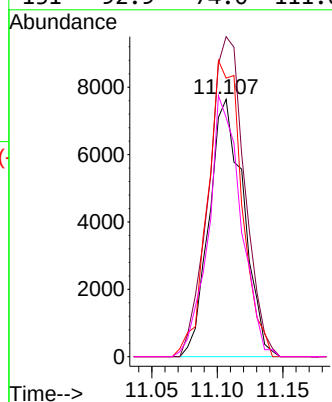
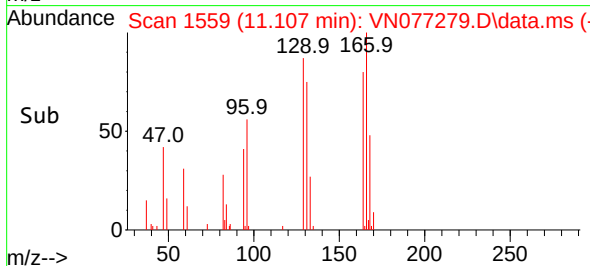
131 92.9 74.0 111.0

Manual Integrations

APPROVED

Reviewed By :John Carbone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#62

Toluene

Concen: 2.618 ug/l

RT: 10.636 min Scan# 1479

Delta R.T. 0.006 min

Lab File: VN077279.D

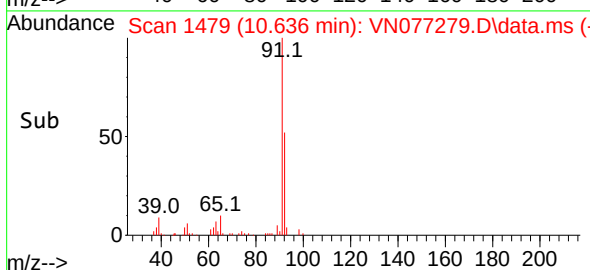
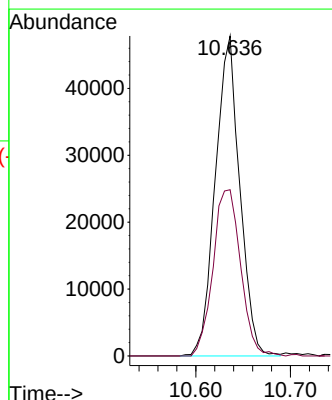
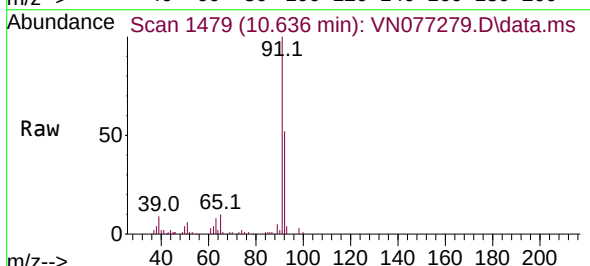
Acq: 07 Apr 2023 16:20

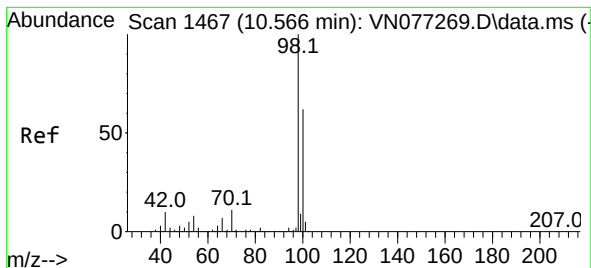
Tgt Ion: 91 Resp: 85706

Ion Ratio Lower Upper

91 100

92 58.6 46.6 70.0





#63

Toluene-d8

Concen: 31.001 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 98 Resp: 511274

Ion Ratio Lower Upper

98 100

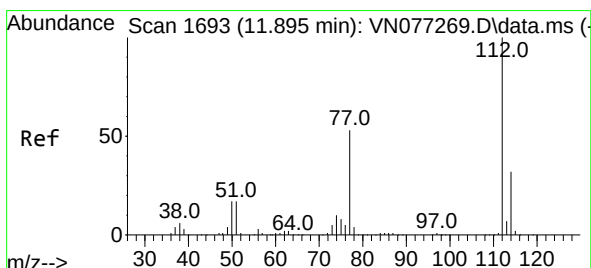
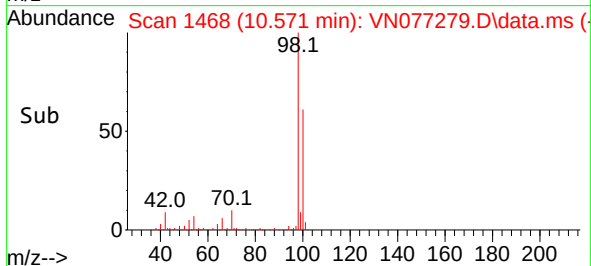
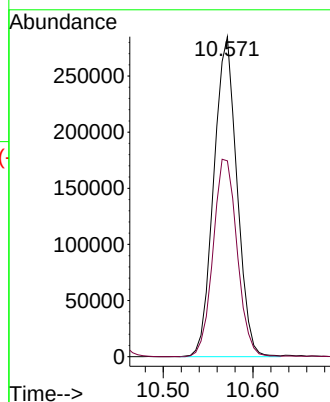
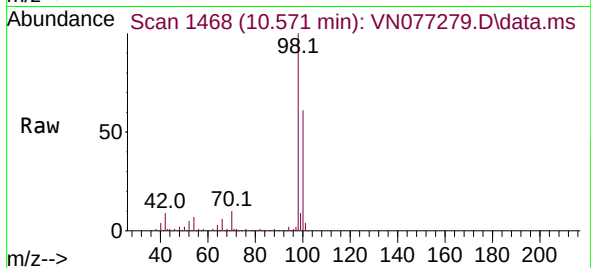
100 64.0 51.4 77.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#64

Chlorobenzene

Concen: 2.542 ug/l

RT: 11.895 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VN077279.D

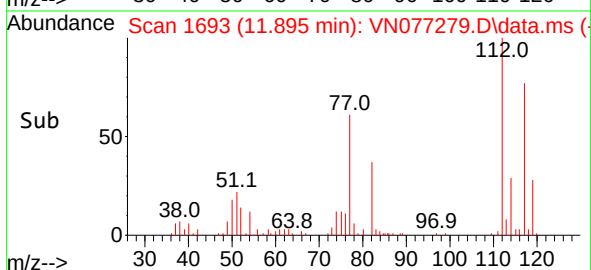
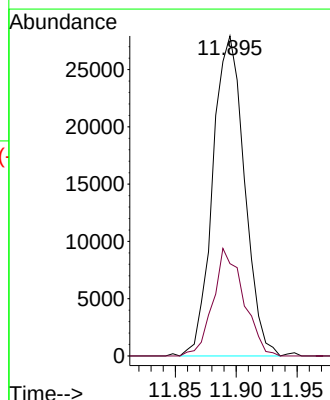
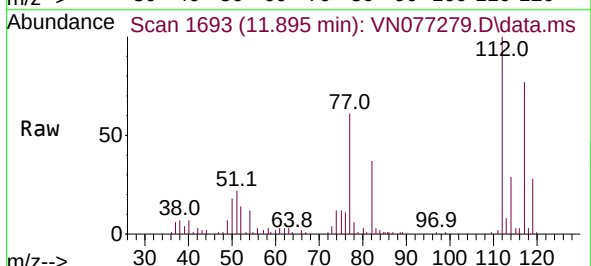
Acq: 07 Apr 2023 16:20

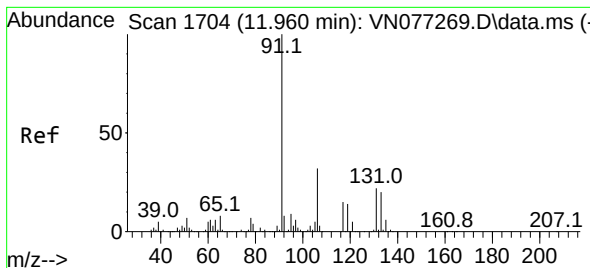
Tgt Ion:112 Resp: 50556

Ion Ratio Lower Upper

112 100

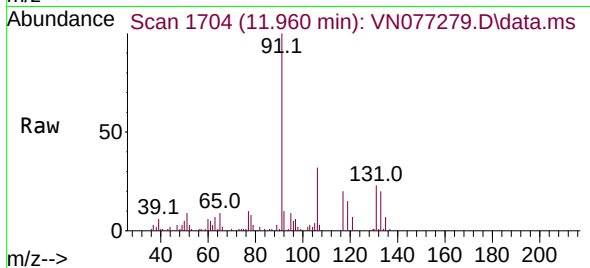
114 28.8 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 2.536 ug/l
RT: 11.960 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

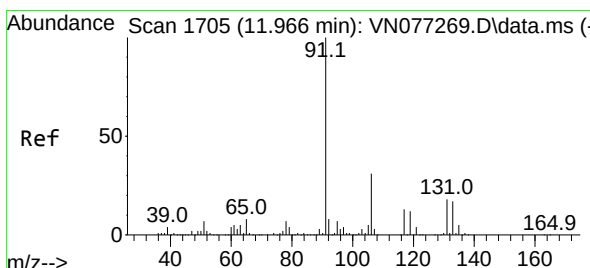
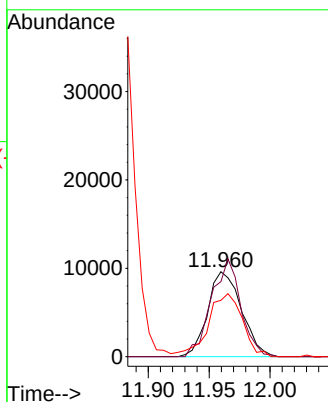
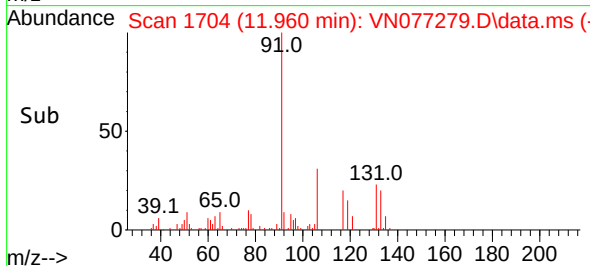
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion:131 Resp: 1854
Ion Ratio Lower Upper
131 100
133 100.4 0.0 184.4
119 75.2 0.0 134.8

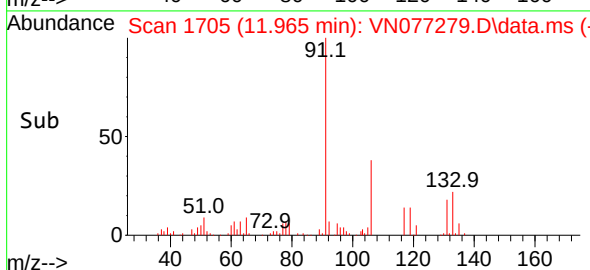
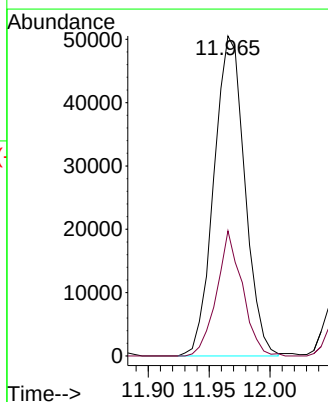
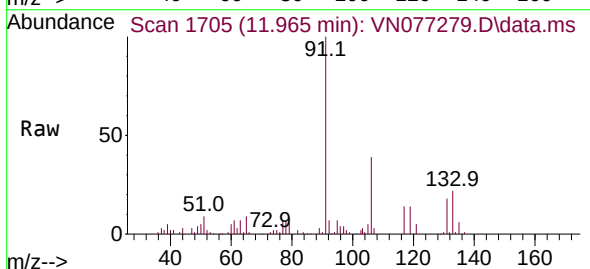
Manual Integrations
APPROVED

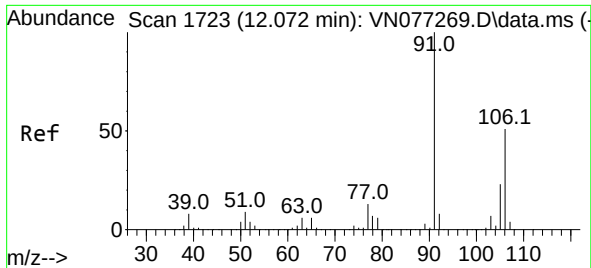
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#66
Ethyl Benzene
Concen: 2.459 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 91 Resp: 89165
Ion Ratio Lower Upper
91 100
106 39.1 25.0 37.6#





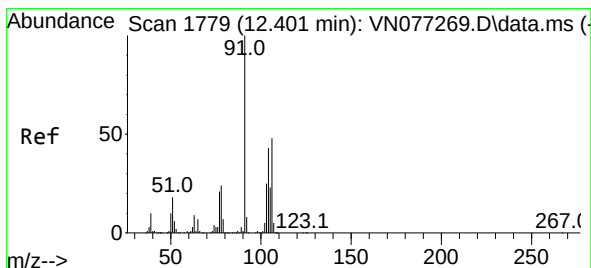
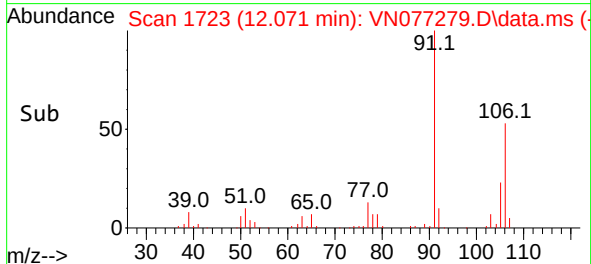
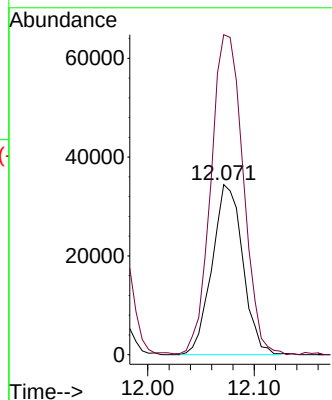
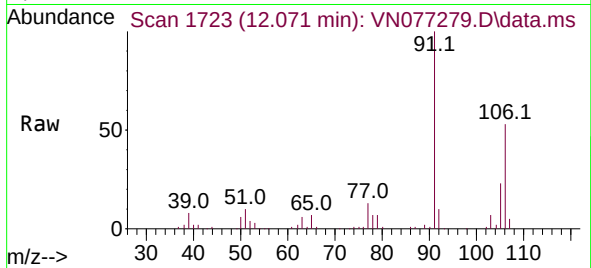
#67
m/p-Xylenes
Concen: 4.847 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:106 Resp: 68900
Ion Ratio Lower Upper
106 100
91 197.9 158.0 237.0

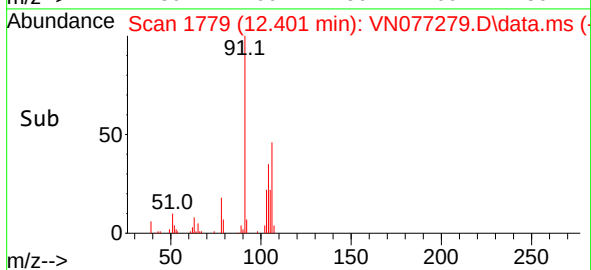
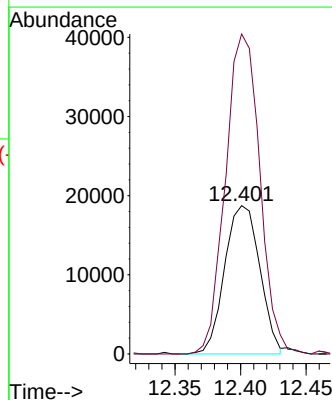
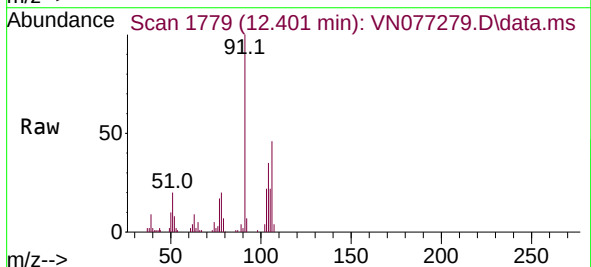
Manual Integrations
APPROVED

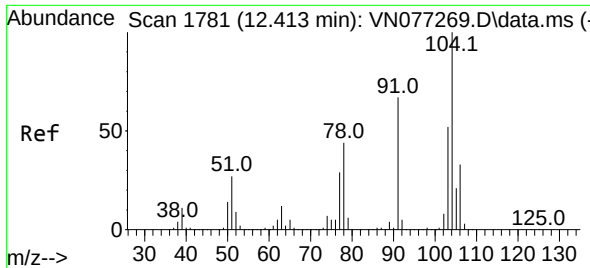
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#68
o-Xylene
Concen: 2.457 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion:106 Resp: 34939
Ion Ratio Lower Upper
106 100
91 211.3 103.6 310.8





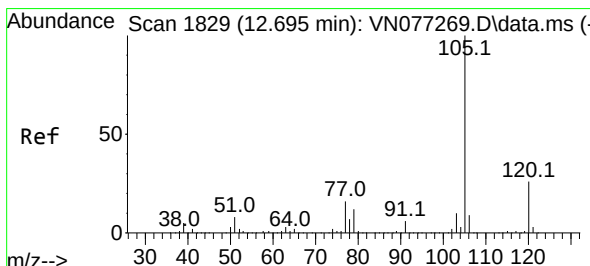
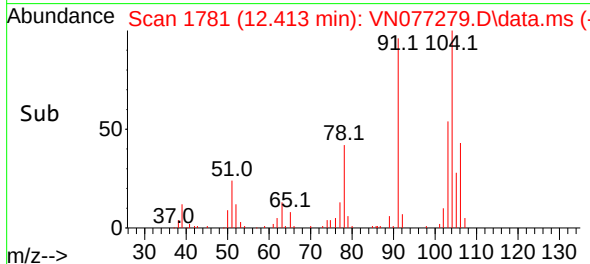
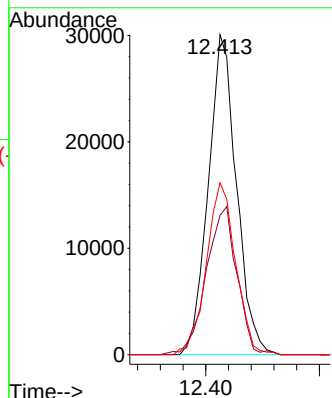
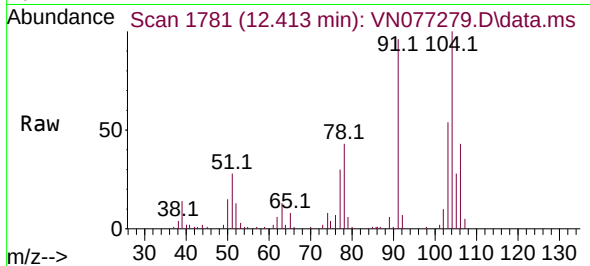
#69
Styrene
Concen: 2.274 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion:104 Resp: 51814
Ion Ratio Lower Upper
104 100
78 49.3 38.2 57.4
103 55.7 43.6 65.4

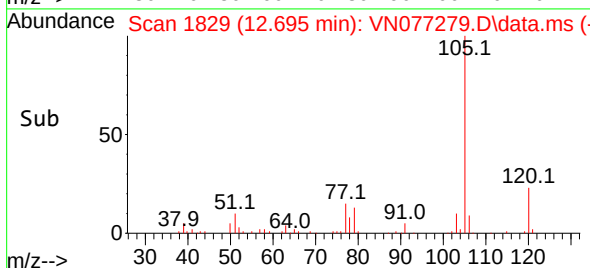
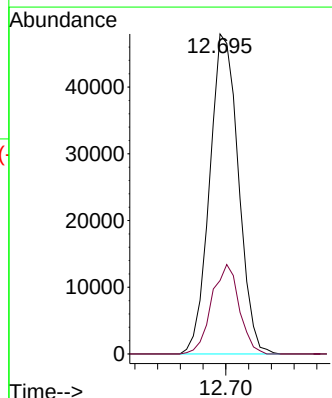
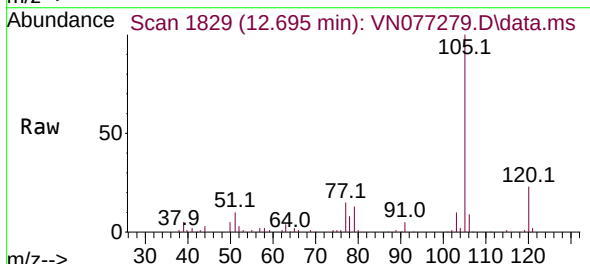
Manual Integrations
APPROVED

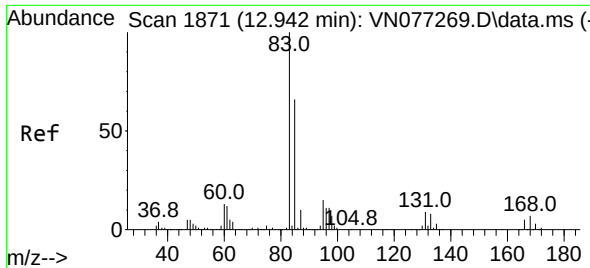
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#70
Isopropylbenzene
Concen: 2.335 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

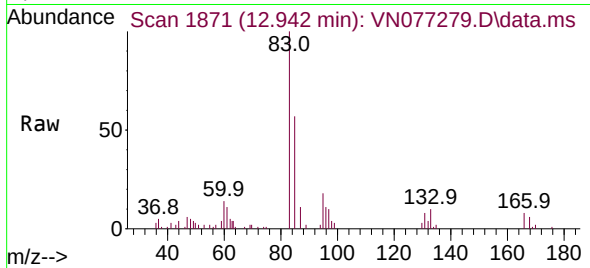
Tgt Ion:105 Resp: 84282
Ion Ratio Lower Upper
105 100
120 26.8 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 2.492 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

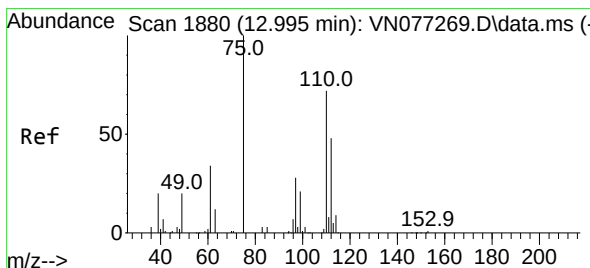
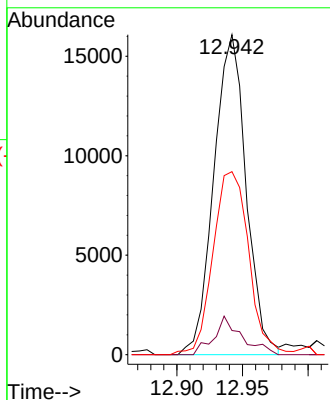
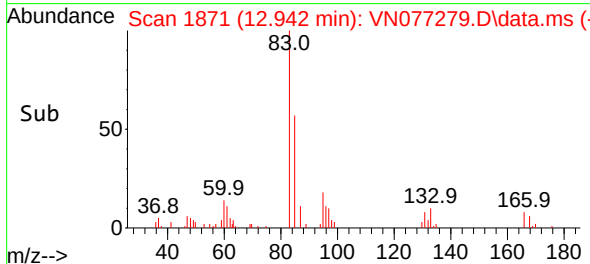
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



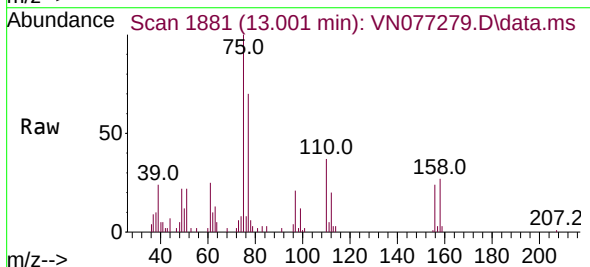
Tgt Ion: 83 Resp: 2753
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.0
85 61.2 32.3 96.8

Manual Integrations
APPROVED

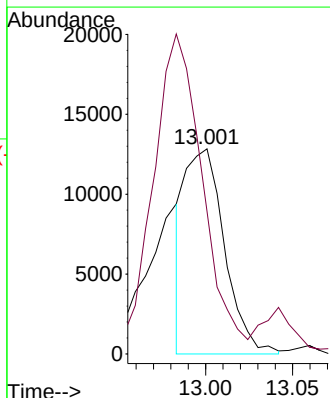
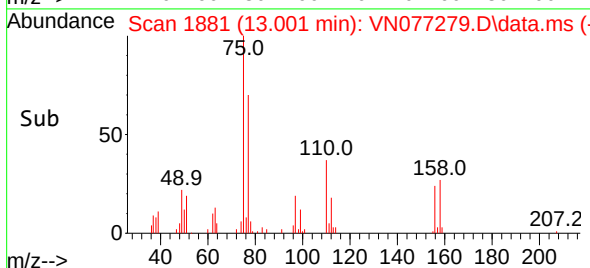
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

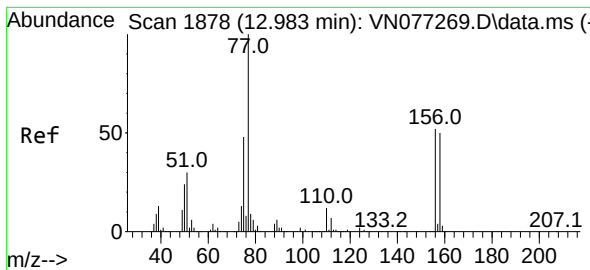


#72
1,2,3-Trichloropropane
Concen: 2.706 ug/l m
RT: 13.001 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20



Tgt Ion: 75 Resp: 20331
Ion Ratio Lower Upper
75 100
77 195.0 0.0 434.2





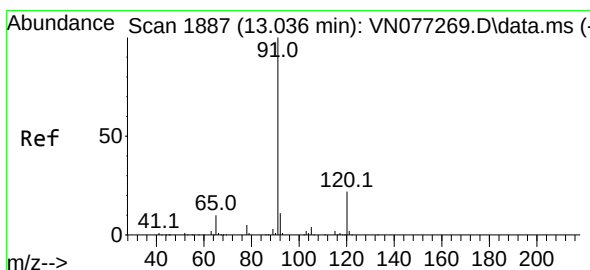
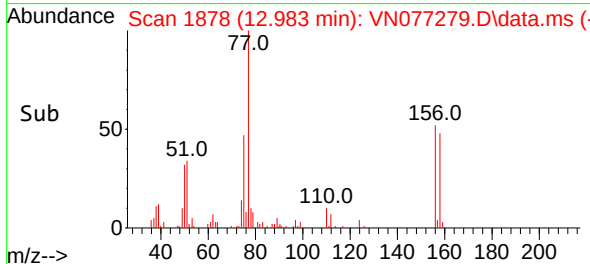
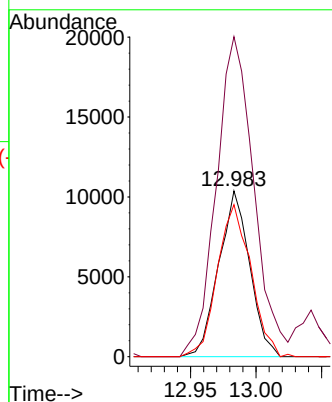
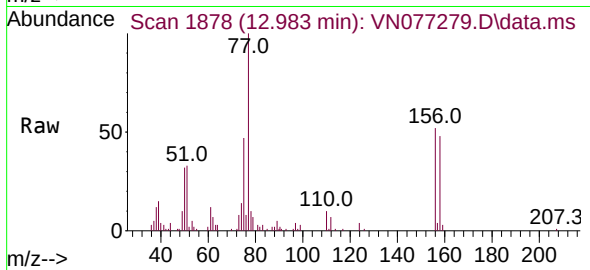
#73
Bromobenzene
Concen: 2.324 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 156 Resp: 17039
Ion Ratio Lower Upper
156 100
77 232.7 0.0 456.6
158 99.1 0.0 195.6

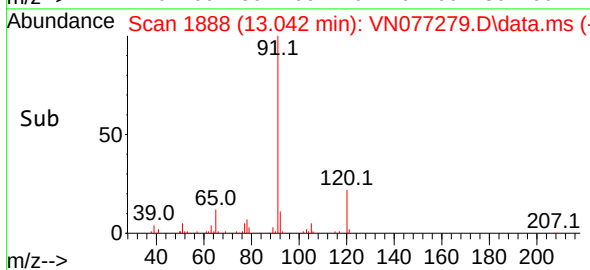
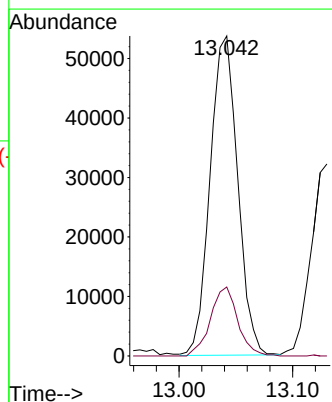
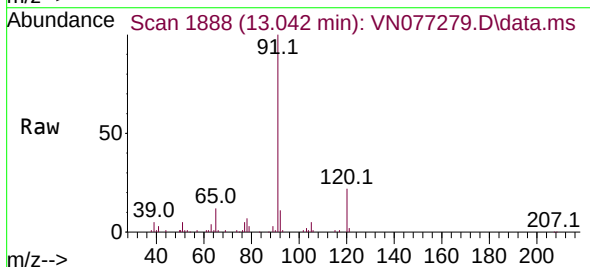
Manual Integrations
APPROVED

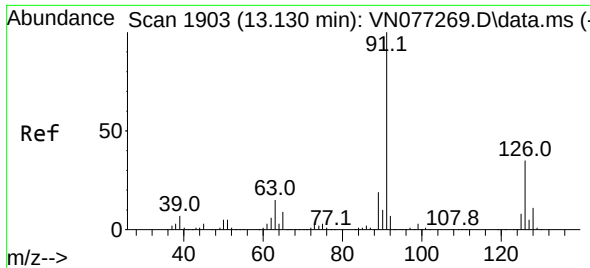
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#74
n-propylbenzene
Concen: 2.267 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 91 Resp: 90505
Ion Ratio Lower Upper
91 100
120 21.4 0.0 45.6





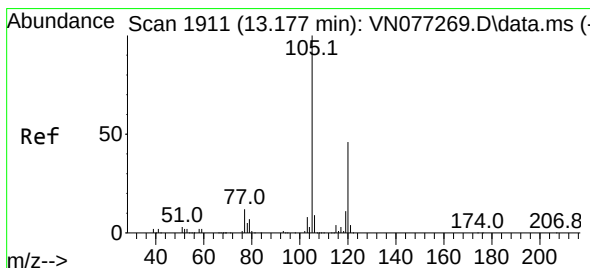
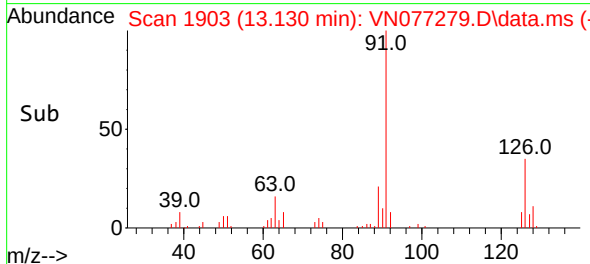
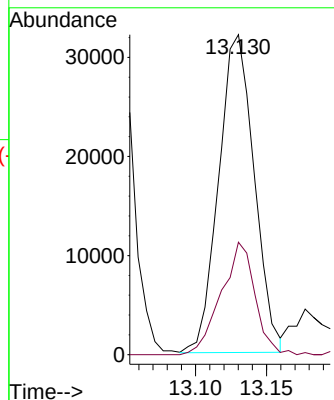
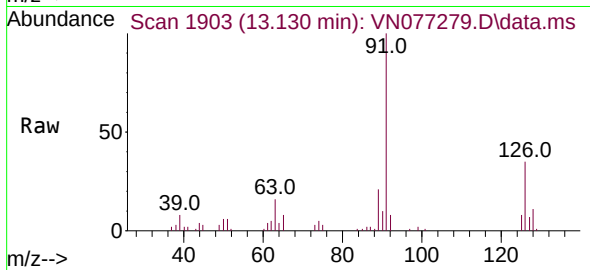
#75
2-Chlorotoluene
Concen: 2.334 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 91 Resp: 55830
Ion Ratio Lower Upper
91 100
126 33.6 0.0 67.0

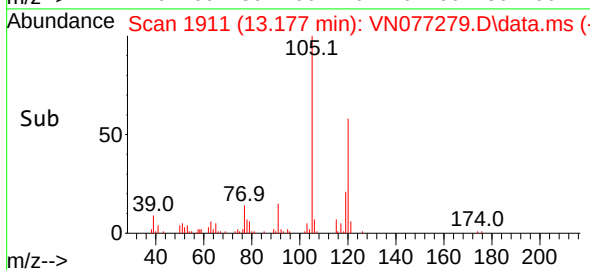
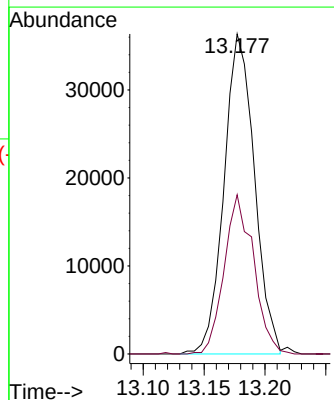
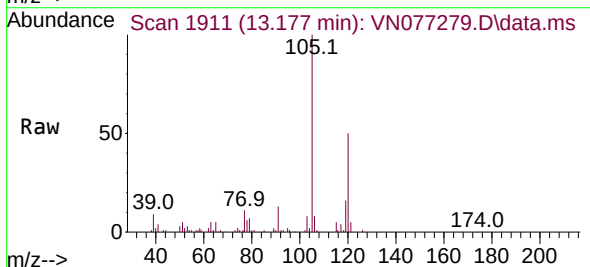
Manual Integrations
APPROVED

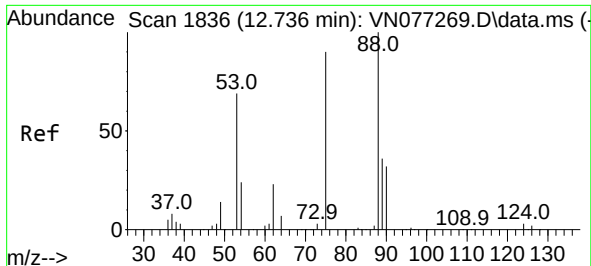
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#76
1,3,5-Trimethylbenzene
Concen: 2.151 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion:105 Resp: 63183
Ion Ratio Lower Upper
105 100
120 48.0 0.0 94.4





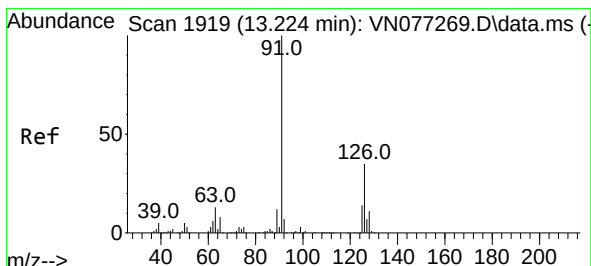
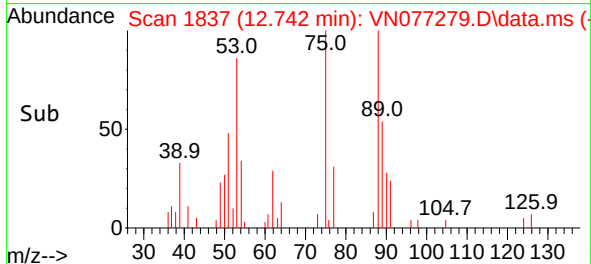
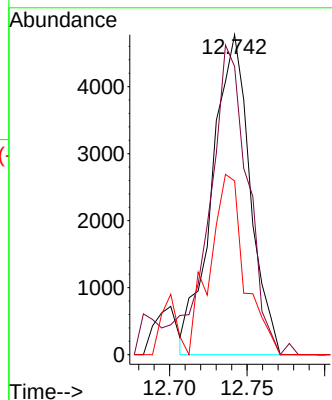
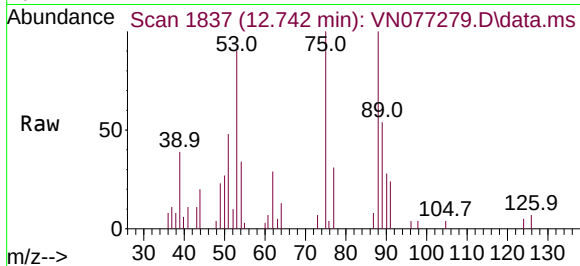
#77
t-1,4-Dichloro-2-butene
Concen: 2.131 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 75 Resp: 815
Ion Ratio Lower Upper
75 100
53 90.1 38.8 116.4
89 54.3 23.2 69.6

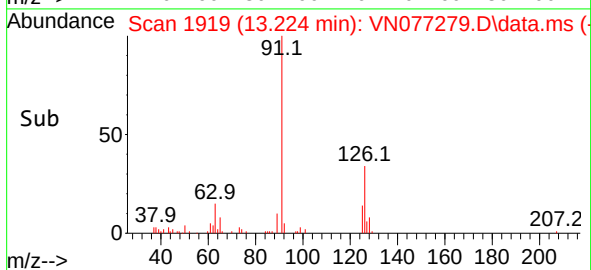
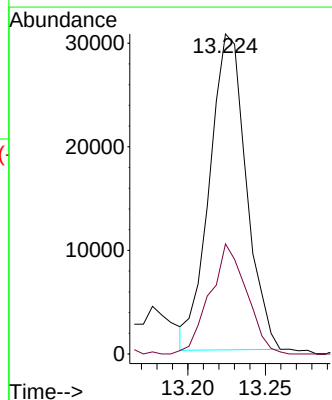
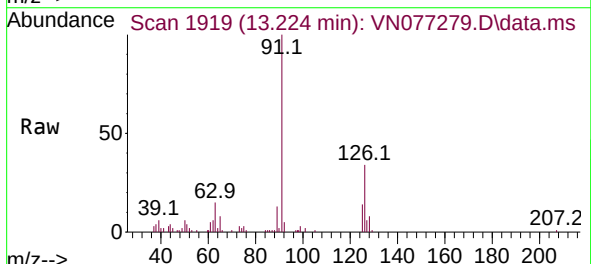
Manual Integrations
APPROVED

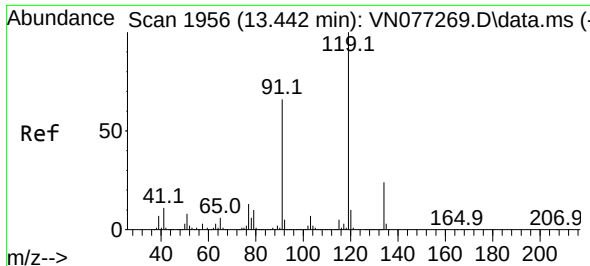
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#78
4-Chlorotoluene
Concen: 2.225 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion: 91 Resp: 50296
Ion Ratio Lower Upper
91 100
126 34.8 0.0 67.4





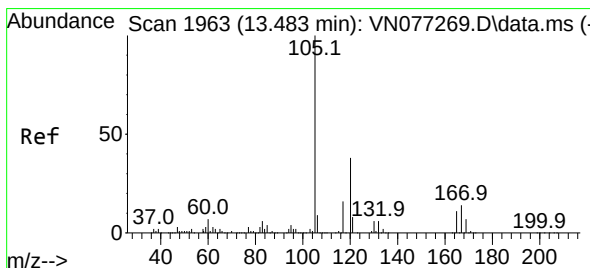
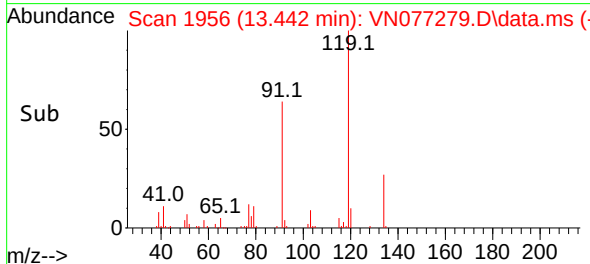
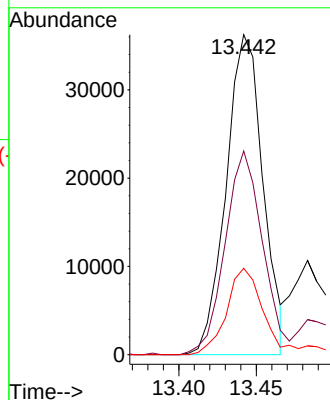
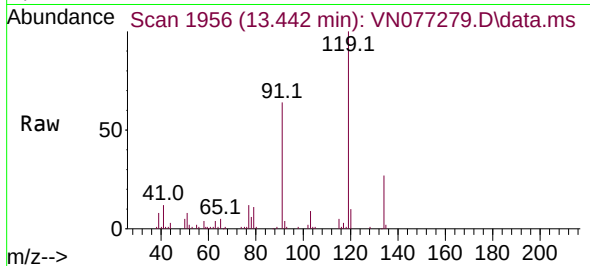
#79
tert-butylbenzene
Concen: 2.344 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion:119 Resp: 5990
Ion Ratio Lower Upper
119 100
91 64.8 0.0 131.0
134 25.6 0.0 49.8

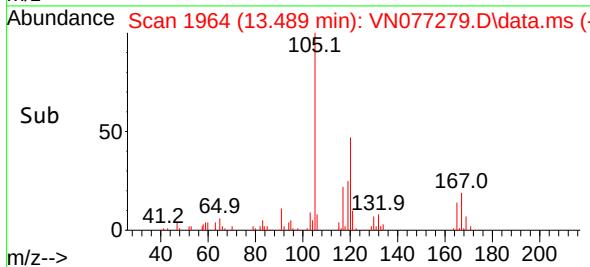
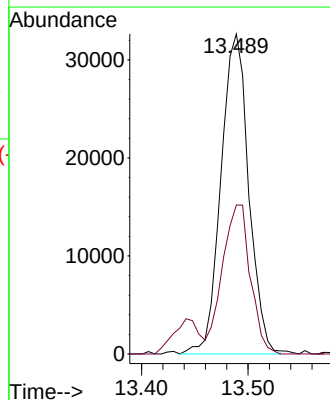
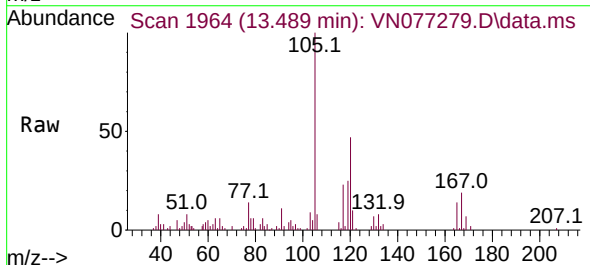
Manual Integrations
APPROVED

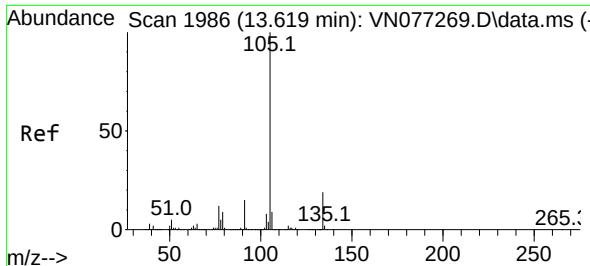
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#80
1,2,4-Trimethylbenzene
Concen: 2.064 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

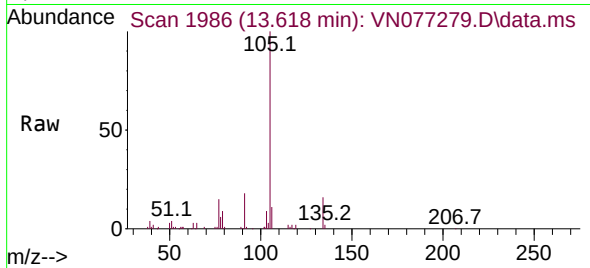
Tgt Ion:105 Resp: 59085
Ion Ratio Lower Upper
105 100
120 46.9 0.0 91.0





#81
 sec-Butylbenzene
 Concen: 2.237 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077279.D
 Acq: 07 Apr 2023 16:20

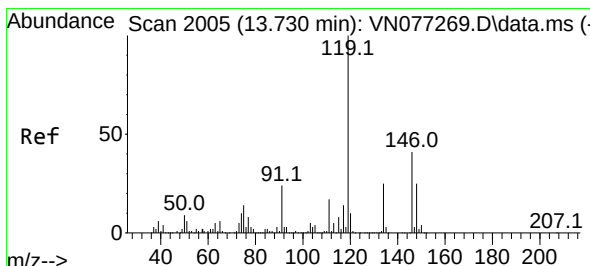
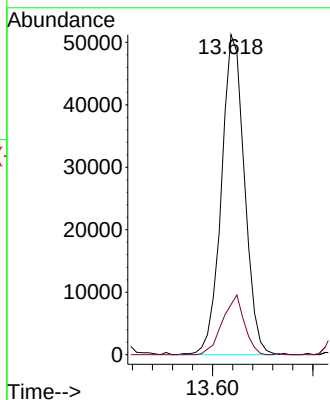
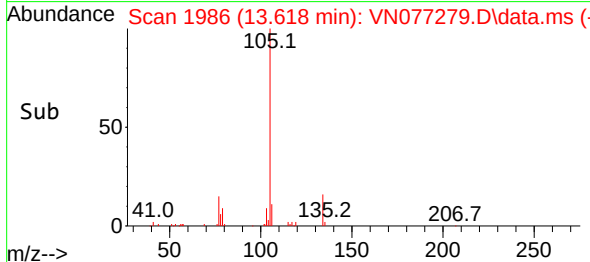
Instrument : MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023



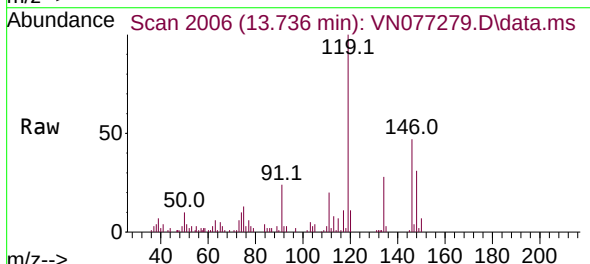
Tgt Ion:105 Resp: 8166
 Ion Ratio Lower Upper
 105 100
 134 17.6 0.0 38.6

Manual Integrations
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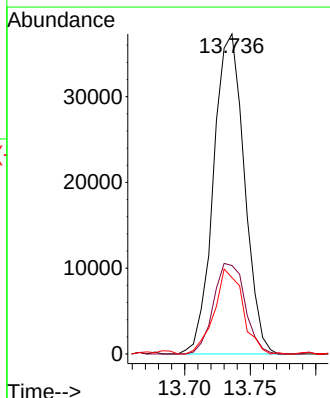
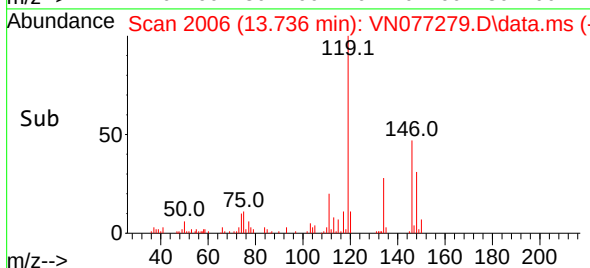
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023

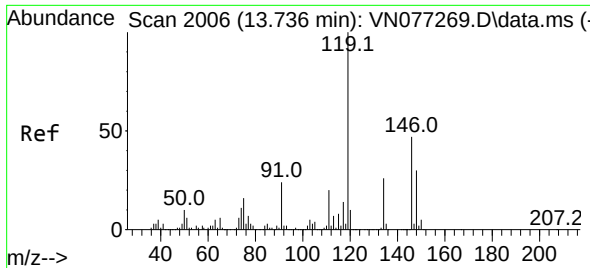


#82
 p-Isopropyltoluene
 Concen: 2.086 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077279.D
 Acq: 07 Apr 2023 16:20



Tgt Ion:119 Resp: 61016
 Ion Ratio Lower Upper
 119 100
 134 28.8 0.0 51.0
 91 24.5 0.0 48.0





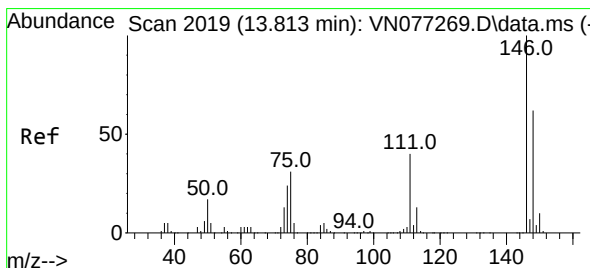
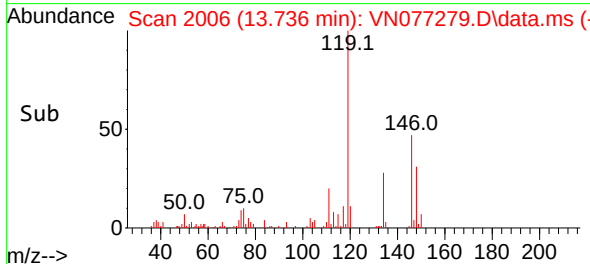
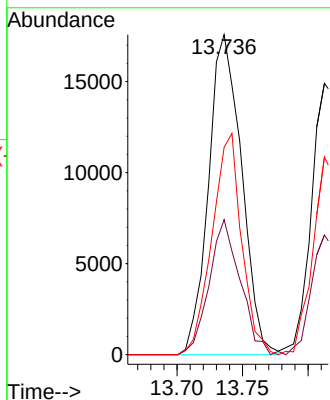
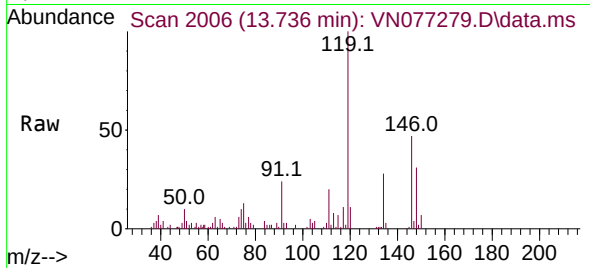
#83
1,3-Dichlorobenzene
Concen: 2.218 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:146 Resp: 3083
Ion Ratio Lower Upper
146 100
111 39.5 21.4 64.2
148 62.0 31.9 95.5

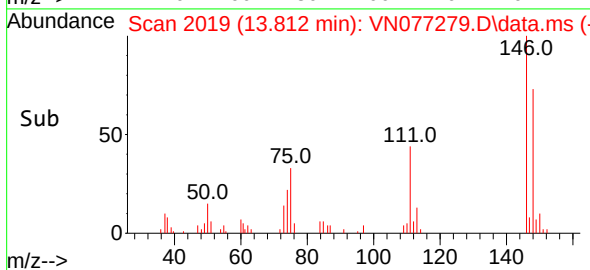
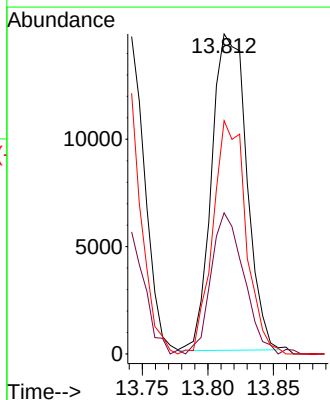
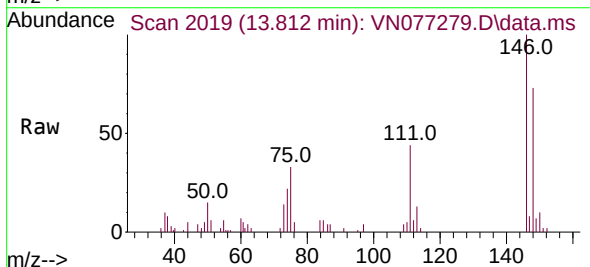
Manual Integrations
APPROVED

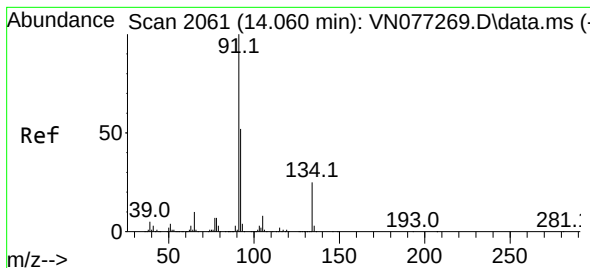
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#84
1,4-Dichlorobenzene
Concen: 2.029 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion:146 Resp: 27370
Ion Ratio Lower Upper
146 100
111 41.8 20.3 61.0
148 69.3 31.6 94.7





#85

n-Butylbenzene

Concen: 1.980 ug/l

RT: 14.059 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

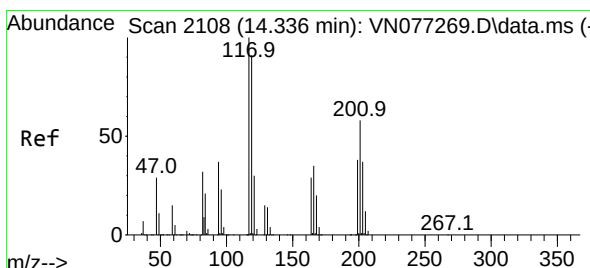
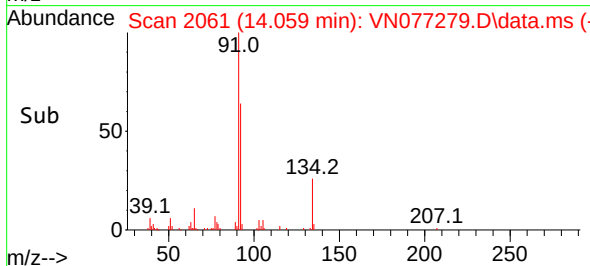
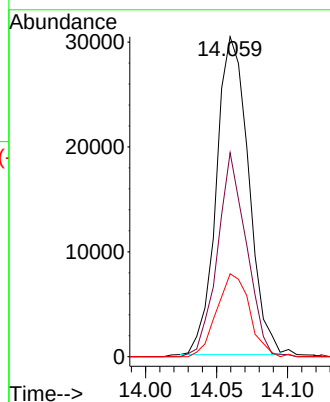
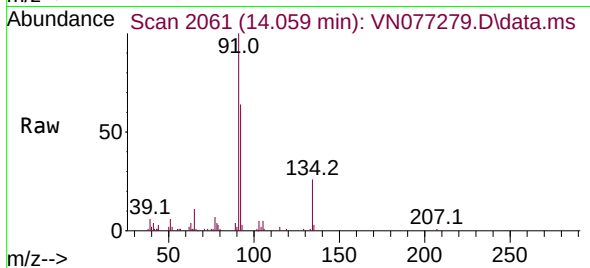
Tgt Ion: 91	Resp: 4785
Ion Ratio	Lower Upper
91 100	
92 57.6	0.0 105.6
134 26.4	0.0 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#86

Hexachloroethane

Concen: 2.328 ug/l

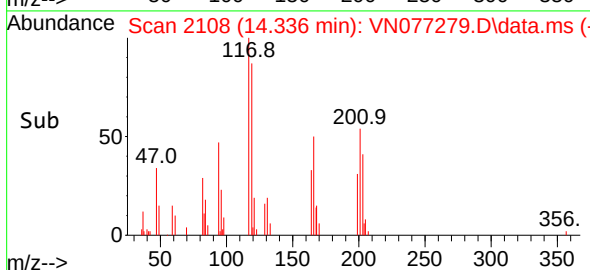
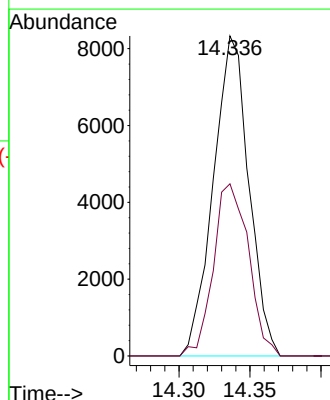
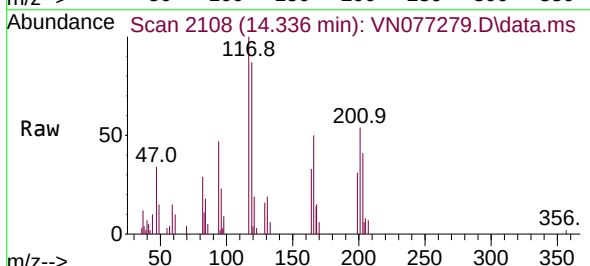
RT: 14.336 min Scan# 2108

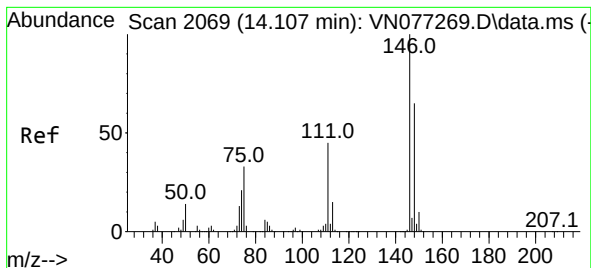
Delta R.T. -0.000 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

Tgt Ion: 117	Resp: 14485
Ion Ratio	Lower Upper
117 100	
201 53.2	29.1 87.4





#87

1,2-Dichlorobenzene

Concen: 2.214 ug/l

RT: 14.112 min Scan# 2069

Delta R.T. 0.006 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

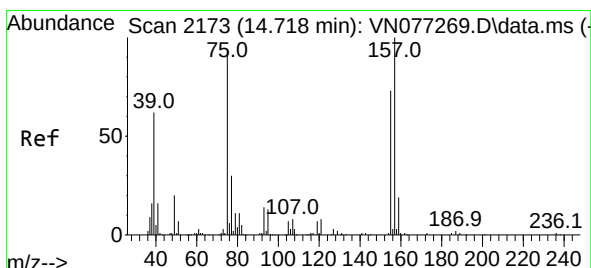
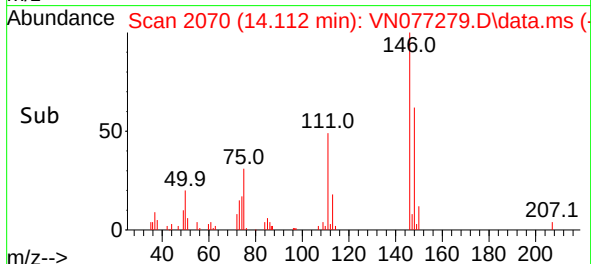
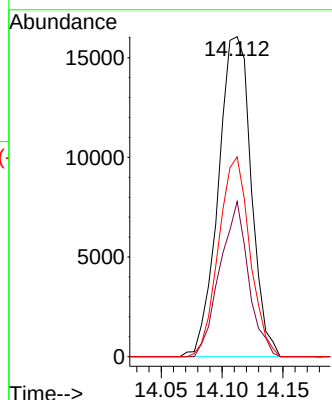
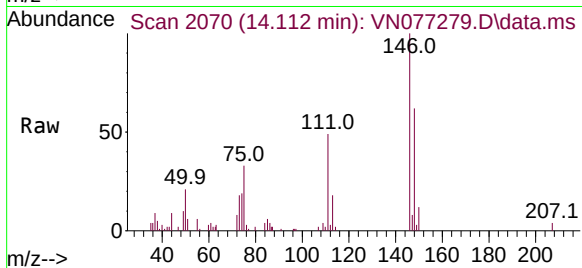
Tgt Ion:	146	Resp:	3016
Ion Ratio	Lower	Upper	
146	100		
111	42.1	22.1	66.5
148	59.2	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 2.343 ug/l

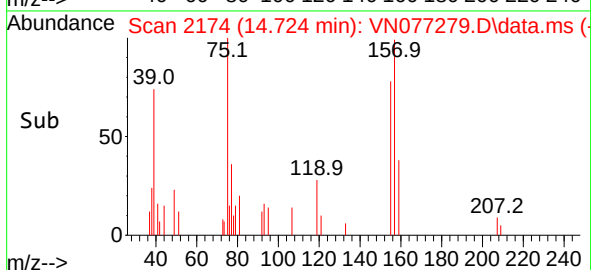
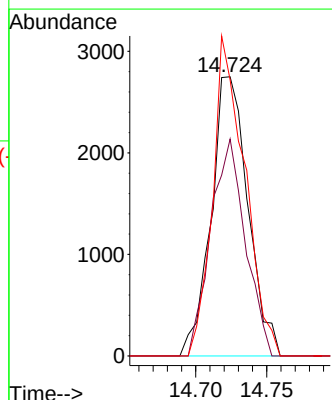
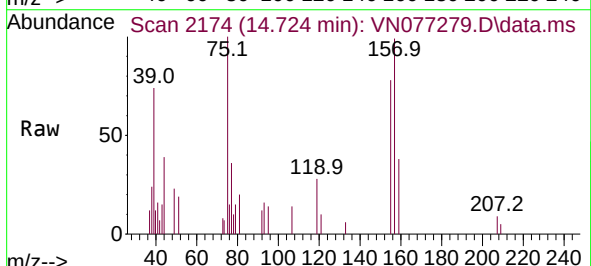
RT: 14.724 min Scan# 2174

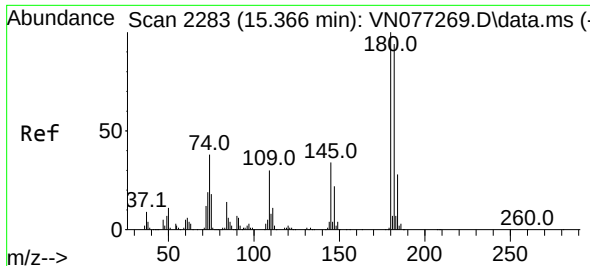
Delta R.T. 0.006 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

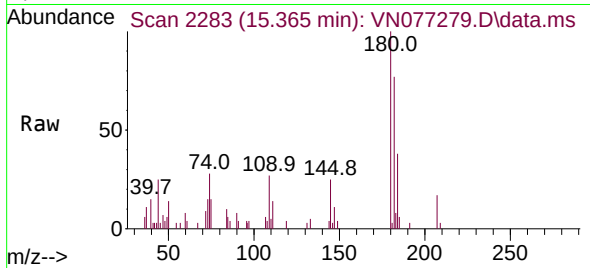
Tgt Ion:	75	Resp:	4961
Ion Ratio	Lower	Upper	
75	100		
155	73.0	67.8	101.6
157	99.8	86.3	129.5





#89
1,2,4-Trichlorobenzene
Concen: 1.570 ug/l
RT: 15.365 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

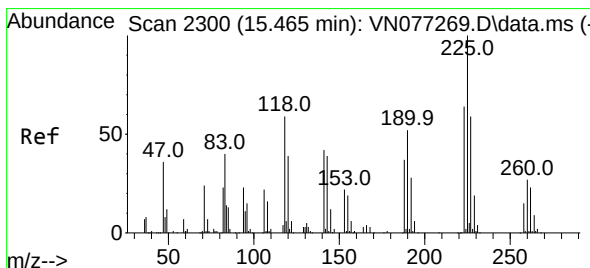
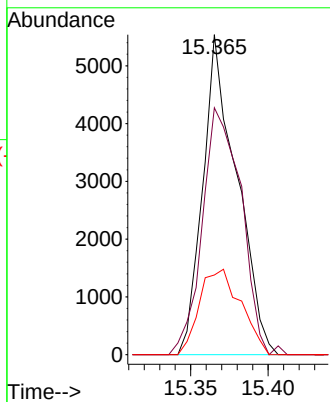
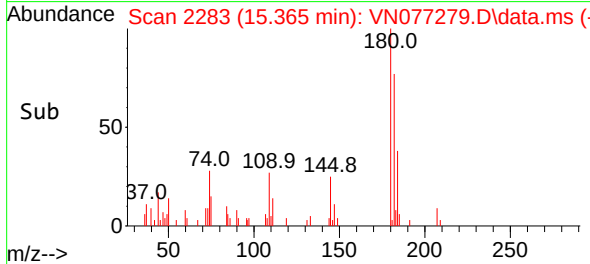
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion:180 Resp: 8414
Ion Ratio Lower Upper
180 100
182 87.9 75.6 113.4
145 32.6 26.7 40.1

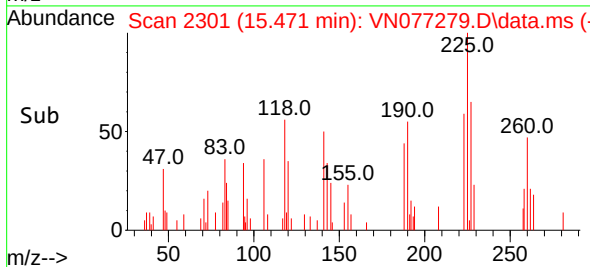
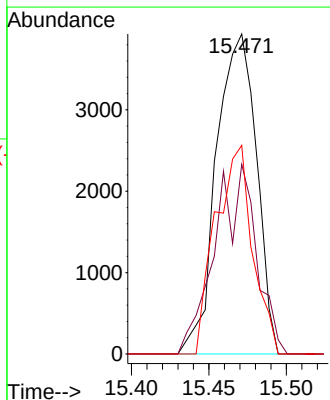
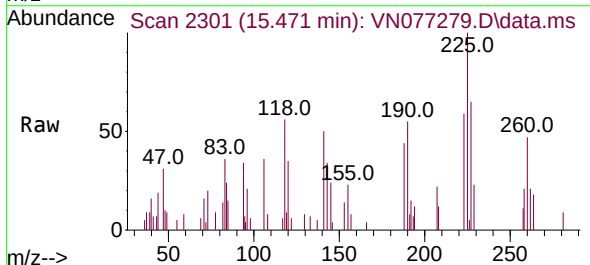
Manual Integrations
APPROVED

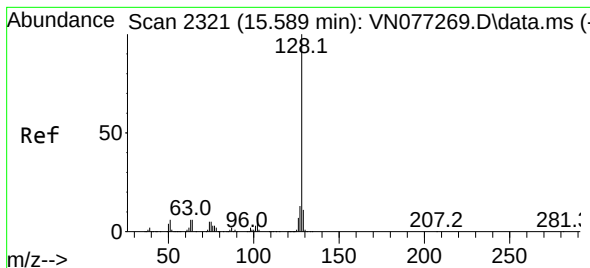
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#90
Hexachlorobutadiene
Concen: 2.570 ug/l
RT: 15.471 min Scan# 2301
Delta R.T. 0.006 min
Lab File: VN077279.D
Acq: 07 Apr 2023 16:20

Tgt Ion:225 Resp: 7061
Ion Ratio Lower Upper
225 100
223 29.4 0.0 126.0
227 60.0 0.0 127.2





#91

Naphthalene

Concen: 1.198 ug/l

RT: 15.589 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VN077279.D

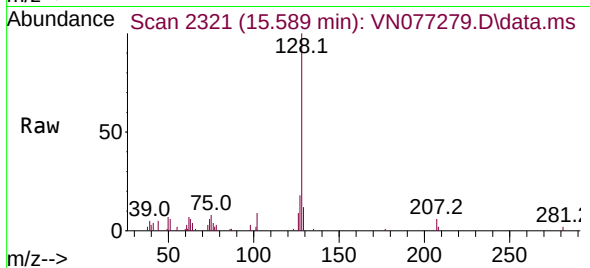
Acq: 07 Apr 2023 16:20

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



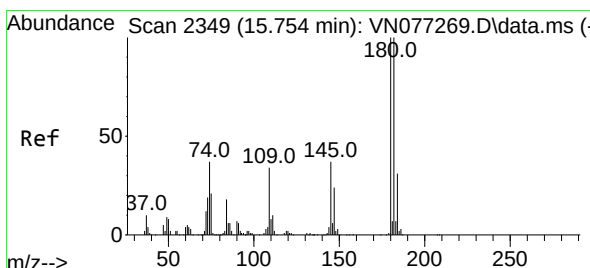
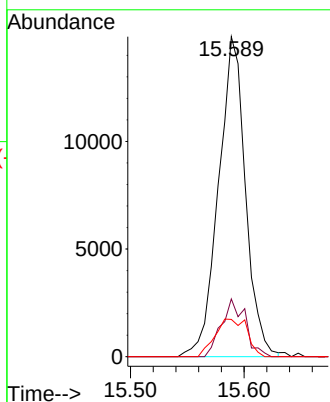
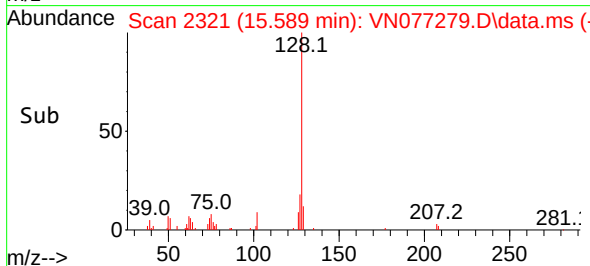
Tgt Ion:	128	Resp:	24529
Ion Ratio	Lower	Upper	
128	100		
127	15.2	10.2	15.2
129	10.4	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#92

1,2,3-Trichlorobenzene

Concen: 1.485 ug/l

RT: 15.753 min Scan# 2349

Delta R.T. -0.000 min

Lab File: VN077279.D

Acq: 07 Apr 2023 16:20

Tgt Ion:	180	Resp:	7765
Ion Ratio	Lower	Upper	
180	100		
182	104.1	0.0	190.4
145	27.0	0.0	72.4

