

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110921\
 Data File : VN069426.D
 Acq On : 9 Nov 2021 18:54
 Operator : JC/MD
 Sample : M4068-07 .75PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

Quant Time: Nov 10 16:17:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Semsettin Yesilyurt 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	886463	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1574185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1369453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	435301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	754640	58.712	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.420%			
35) Dibromofluoromethane	8.024	113	494587	52.386	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.780%			
50) Toluene-d8	10.443	98	1955603	52.666	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.340%			
62) 4-Bromofluorobenzene	12.734	95	573946	42.075	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 84.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	5700	0.602	ug/l	90
3) Chloromethane	2.303	50	10081	0.918	ug/l	97
4) Vinyl Chloride	2.448	62	7697	0.700	ug/l	# 75
5) Bromomethane	2.867	94	8206	1.149	ug/l	98
6) Chloroethane	3.025	64	4889	0.659	ug/l	96
7) Trichlorofluoromethane	3.376	101	11787	0.693	ug/l	97
8) Diethyl Ether	3.832	74	3640m	0.662	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.197	101	5384m	0.672	ug/l	
10) Methyl Iodide	4.422	142	5802	0.591	ug/l	# 85
11) Tert butyl alcohol	5.382	59	6743m	2.911	ug/l	
12) 1,1-Dichloroethene	4.183	96	4509	0.628	ug/l	90
13) Acrolein	4.065	56	3433m	3.960	ug/l	
14) Allyl chloride	4.843	41	11032m	0.694	ug/l	
15) Acrylonitrile	5.559	53	18748	3.161	ug/l	96
16) Acetone	4.291	43	25635m	3.697	ug/l	
17) Carbon Disulfide	4.527	76	11485	0.676	ug/l	# 88
18) Methyl Acetate	4.865	43	19743m	0.876	ug/l	
19) Methyl tert-butyl Ether	5.632	73	19603m	0.645	ug/l	
20) Methylene Chloride	5.098	84	12531	1.274	ug/l	# 89
21) trans-1,2-Dichloroethene	5.605	96	5610	0.699	ug/l	# 81
22) Diisopropyl ether	6.503	45	20000	0.584	ug/l	# 93
23) Vinyl Acetate	6.439	43	72435m	2.737	ug/l	
24) 1,1-Dichloroethane	6.385	63	11387m	0.653	ug/l	
25) 2-Butanone	7.346	43	28255	3.009	ug/l	# 87
26) 2,2-Dichloropropane	7.324	77	7417m	0.544	ug/l	
27) cis-1,2-Dichloroethene	7.329	96	6403	0.644	ug/l	50
28) Bromochloromethane	7.665	49	6297	0.706	ug/l	# 47
29) Tetrahydrofuran	7.700	42	19046	3.305	ug/l	# 74
30) Chloroform	7.823	83	12177	0.682	ug/l	# 82
31) Cyclohexane	8.088	56	33873	1.929	ug/l	# 46
32) 1,1,1-Trichloroethane	8.016	97	9189	0.616	ug/l	# 51
36) 1,1-Dichloropropene	8.223	75	8294	0.626	ug/l	# 64
37) Ethyl Acetate	7.426	43	11519	0.643	ug/l	# 74
38) Carbon Tetrachloride	8.212	117	8229	0.643	ug/l	# 83
39) Methylcyclohexane	9.464	83	9490	0.576	ug/l	96
40) Benzene	8.467	78	25691	0.628	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.651	41	6396m	0.691	ug/l	
42) 1,2-Dichloroethane	8.536	62	11984	0.749	ug/l	81
43) Isopropyl Acetate	8.560	43	16751	0.582	ug/l #	82
44) Trichloroethene	9.215	130	6098	0.623	ug/l	90
45) 1,2-Dichloropropane	9.494	63	6542	0.599	ug/l	90
46) Dibromomethane	9.582	93	4337m	0.593	ug/l	
47) Bromodichloromethane	9.759	83	6638	0.486	ug/l #	92
48) Methyl methacrylate	9.563	41	7493	0.554	ug/l #	73
49) 1,4-Dioxane	9.574	88	2640	48.519	ug/l #	87
51) 4-Methyl-2-Pentanone	10.333	43	49553	2.669	ug/l	92
52) Toluene	10.508	92	15188	0.596	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	6433	3.000	ug/l #	88
54) cis-1,3-Dichloropropene	10.196	75	7693	2.153	ug/l #	85
55) 1,1,2-Trichloroethane	10.896	97	6212	0.605	ug/l	97
56) Ethyl methacrylate	10.762	69	8909	2.494	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	10958	0.607	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.041	63	9500	24.506	ug/l	92
59) 2-Hexanone	11.087	43	36740	10.211	ug/l	84
60) Dibromochloromethane	11.242	129	4280	2.779	ug/l	95
61) 1,2-Dibromoethane	11.350	107	5297	1.523	ug/l	98
64) Tetrachloroethene	10.977	164	5304	0.641	ug/l #	82
65) Chlorobenzene	11.768	112	15449	0.606	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.849	131	3941	0.446	ug/l #	53
67) Ethyl Benzene	11.846	91	26555	0.565	ug/l	91
68) m/p-Xylenes	11.956	106	19661	1.137	ug/l	99
69) o-Xylene	12.286	106	9192	0.533	ug/l	88
70) Styrene	12.296	104	14283	1.968	ug/l	93
71) Bromoform	12.463	173	2480	3.729	ug/l #	100
73) Isopropylbenzene	12.583	105	22129	0.638	ug/l	93
74) N-amyl acetate	12.393	43	9253	0.630	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.830	83	8556	0.732	ug/l #	97
76) 1,2,3-Trichloropropane	12.884	75	8079m	0.804	ug/l	
77) Bromobenzene	12.862	156	5865	0.740	ug/l	82
78) n-propylbenzene	12.921	91	25852	0.663	ug/l	93
79) 2-Chlorotoluene	13.010	91	16958	0.702	ug/l	92
80) 1,3,5-Trimethylbenzene	13.063	105	18131	0.647	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	1460m	6.170	ug/l	
82) 4-Chlorotoluene	13.109	91	14961	0.650	ug/l	97
83) tert-Butylbenzene	13.326	119	15904	0.648	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	15831	0.585	ug/l	96
85) sec-Butylbenzene	13.503	105	21436	0.625	ug/l	95
86) p-Isopropyltoluene	13.613	119	14748	0.542	ug/l	95
87) 1,3-Dichlorobenzene	13.613	146	8776	0.639	ug/l	89
88) 1,4-Dichlorobenzene	13.694	146	10205m	0.757	ug/l	
89) n-Butylbenzene	13.943	91	12599	0.555	ug/l	97
90) Hexachloroethane	14.209	117	2069	2.558	ug/l	87
91) 1,2-Dichlorobenzene	13.991	146	8711	0.666	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.600	75	1035	2.256	ug/l	66
93) 1,2,4-Trichlorobenzene	15.268	180	3967	3.656	ug/l	98
94) Hexachlorobutadiene	15.367	225	2064	0.607	ug/l	92
95) Naphthalene	15.504	128	13188	5.073	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.705	180	4351	3.791	ug/l	91

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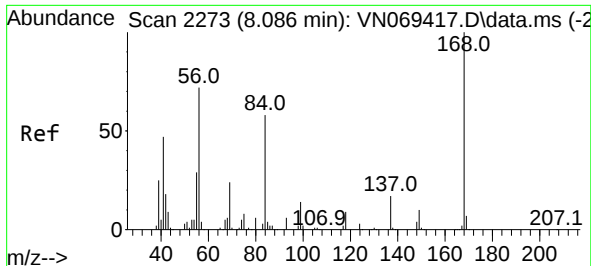
Manual Integrations
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Quant Title : SW846 8260
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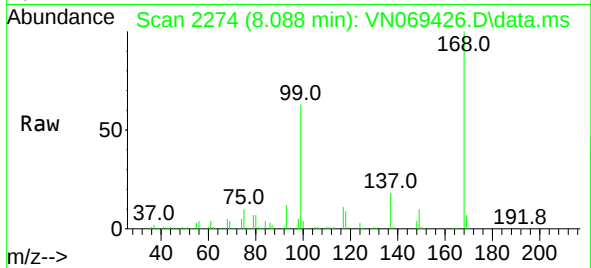
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
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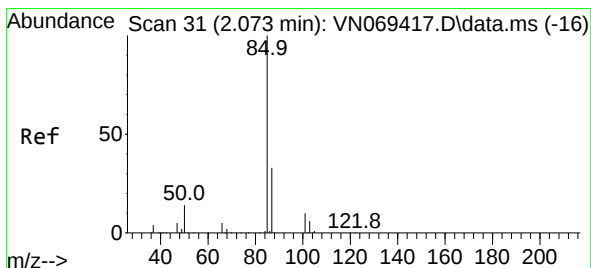
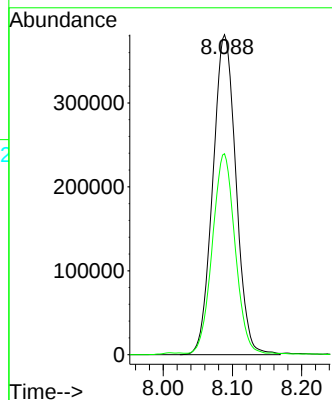
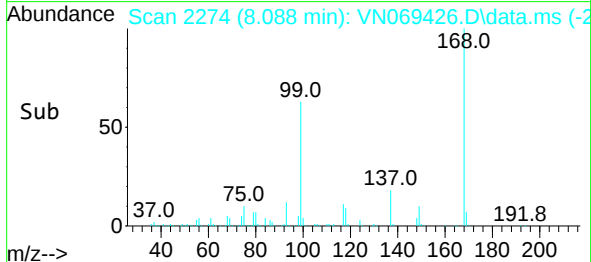
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:168 Resp: 88646
Ion Ratio Lower Upper
168 100
99 62.5 41.3 61.9

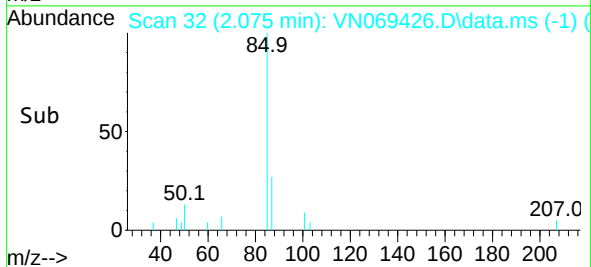
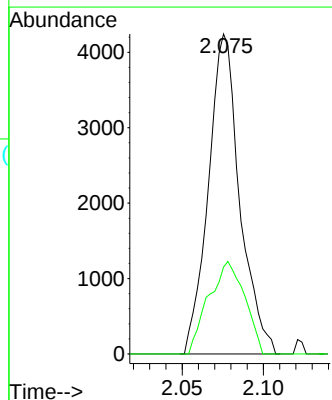
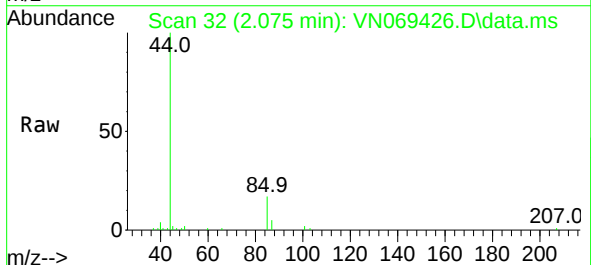
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#2
Dichlorodifluoromethane
Concen: 0.602 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

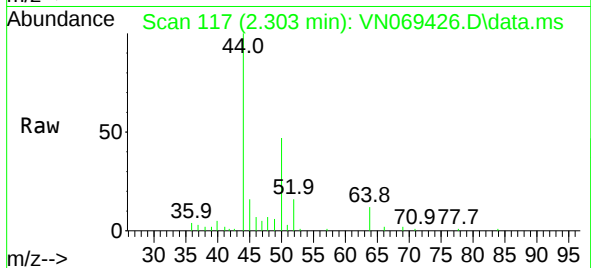
Tgt Ion: 85 Resp: 5700
Ion Ratio Lower Upper
85 100
87 27.2 16.3 48.9





#3
Chloromethane
Concen: 0.918 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

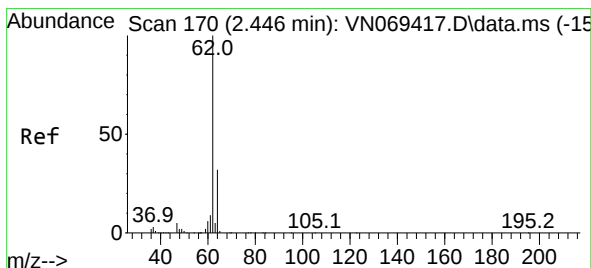
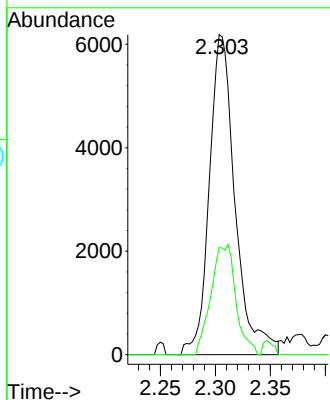
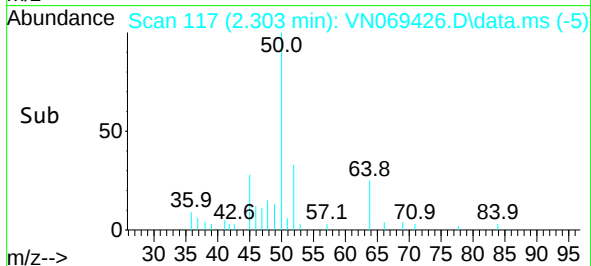
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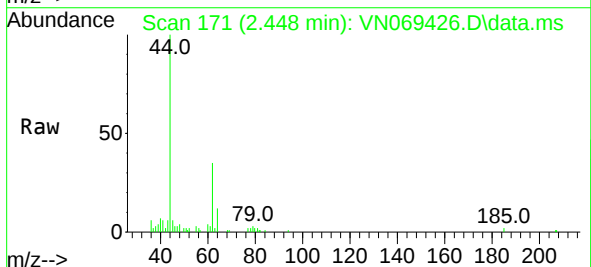
Tgt Ion: 50 Resp: 1008
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.0

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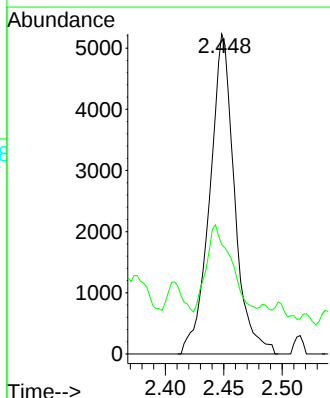
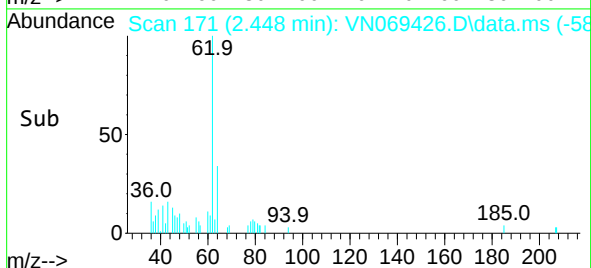
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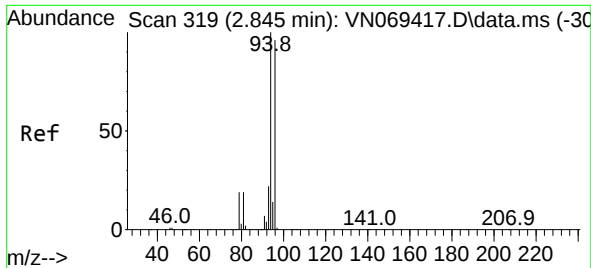


#4
Vinyl Chloride
Concen: 0.700 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54



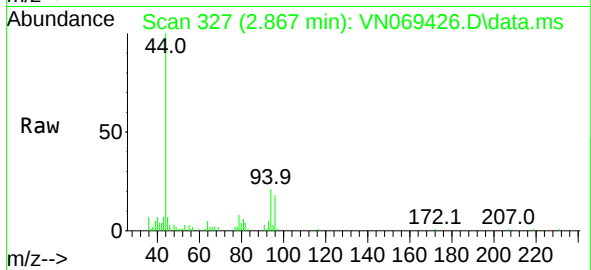
Tgt Ion: 62 Resp: 7697
Ion Ratio Lower Upper
62 100
64 17.9 25.8 38.6#





#5
Bromomethane
Concen: 1.149 ug/l
RT: 2.867 min Scan# 319
Delta R.T. 0.022 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

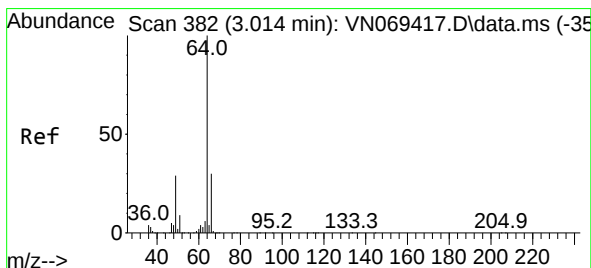
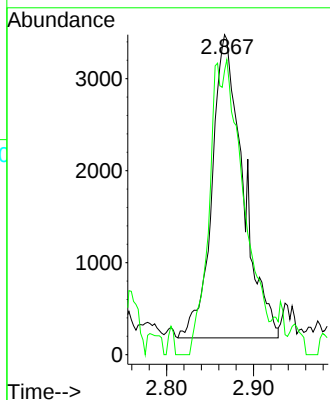
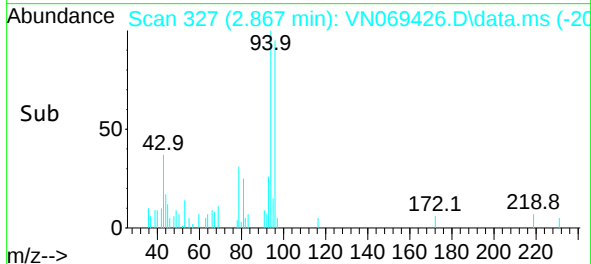
Instrument :
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Tgt Ion: 94 Resp: 8200
Ion Ratio Lower Upper
94 100
96 93.7 73.8 110.8

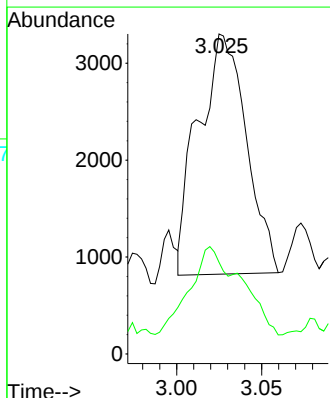
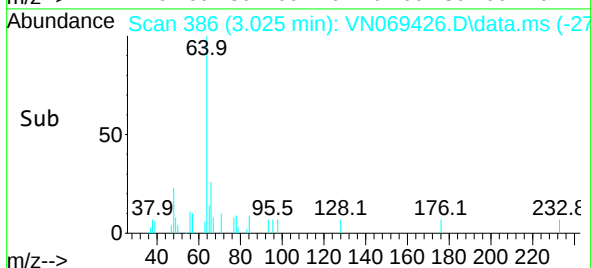
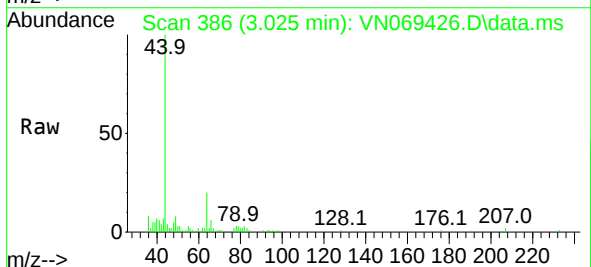
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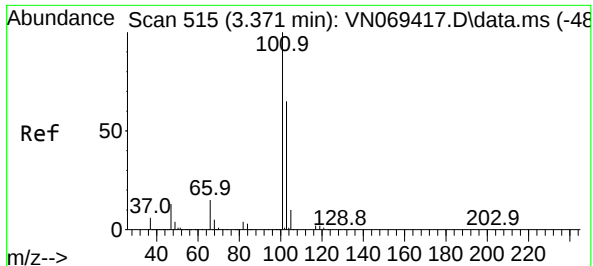
Reviewed By :John Carlone 11/11/2021
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#6
Chloroethane
Concen: 0.659 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.011 min
Lab File: VN069426.D
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Tgt Ion: 64 Resp: 4889
Ion Ratio Lower Upper
64 100
66 30.4 26.3 39.5





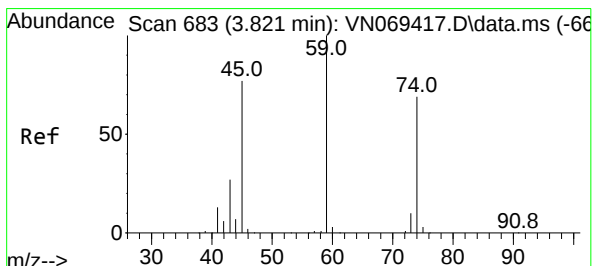
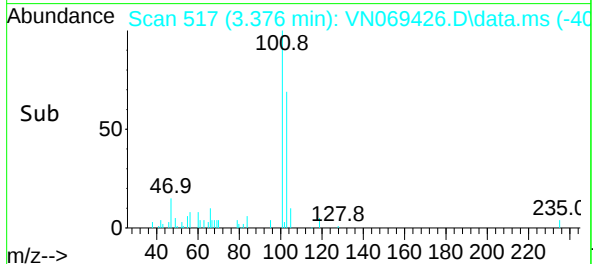
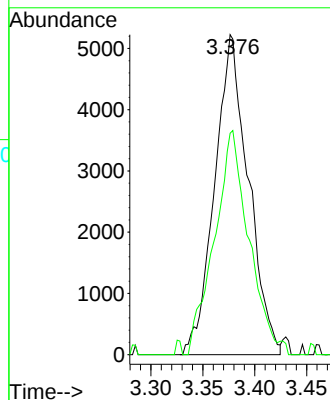
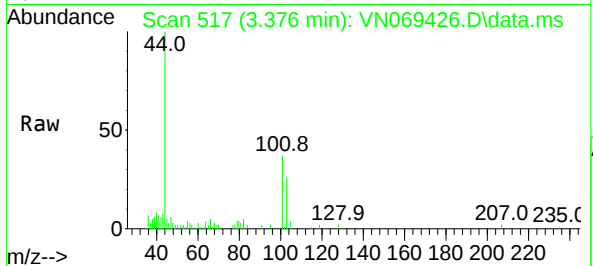
#7
 Trichlorofluoromethane
 Concen: 0.693 ug/l
 RT: 3.376 min Scan# 515
 Delta R.T. 0.005 min
 Lab File: VN069426.D
 Acq: 9 Nov 2021 18:54

Instrument :
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Tgt Ion:101 Resp: 1178
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.1 75.1

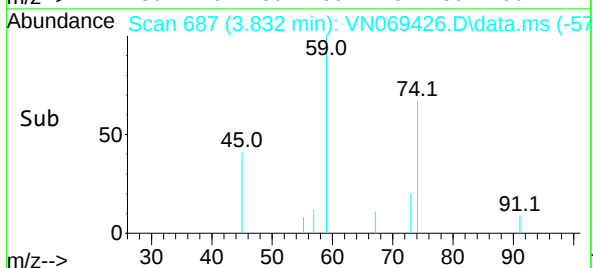
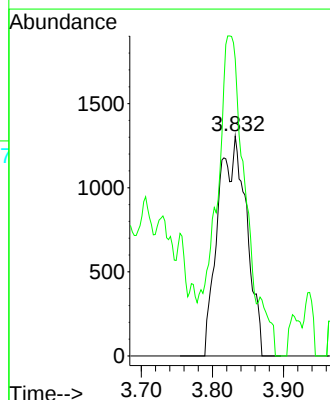
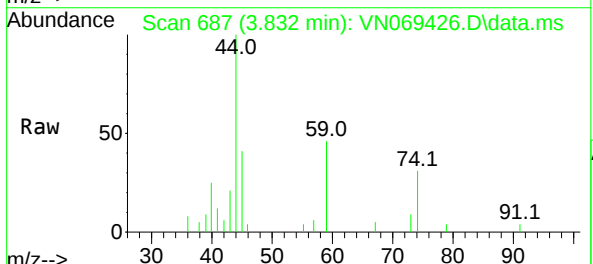
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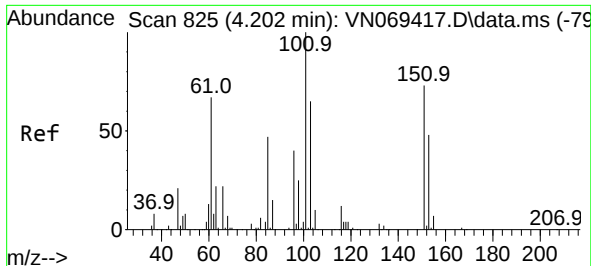
Reviewed By :John Carlone 11/11/2021
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#8
 Diethyl Ether
 Concen: 0.662 ug/l m
 RT: 3.832 min Scan# 687
 Delta R.T. 0.011 min
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Tgt Ion: 74 Resp: 3640
 Ion Ratio Lower Upper
 74 100
 45 96.4 47.0 141.2





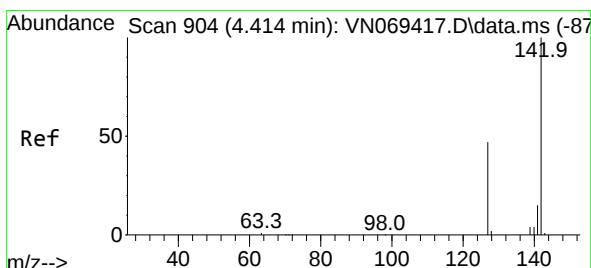
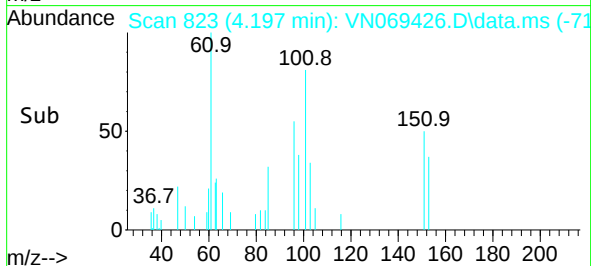
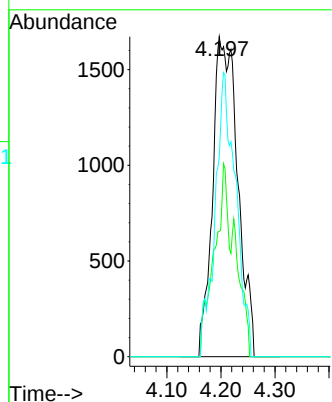
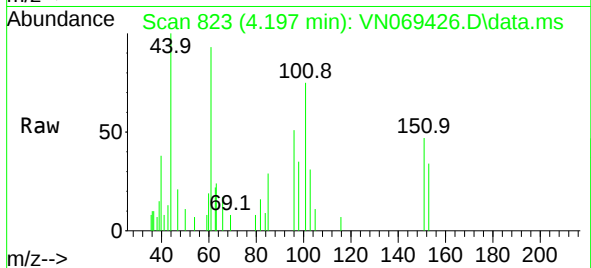
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.672 ug/l m
RT: 4.197 min Scan# 81
Delta R.T. -0.005 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion:101 Resp: 5384
Ion Ratio Lower Upper
101 100
85 34.9 37.2 55.8
151 72.7 65.9 98.9

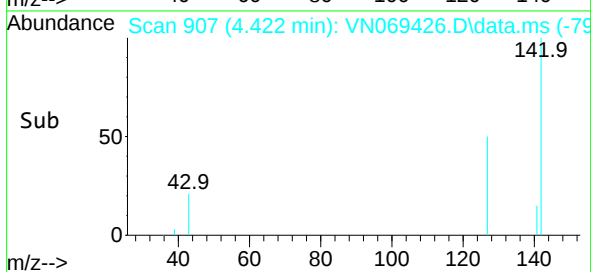
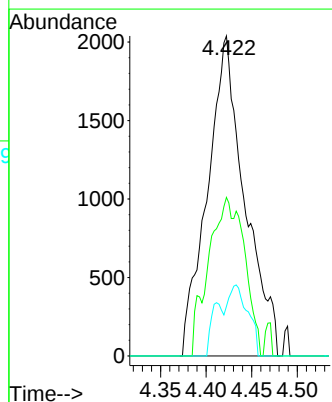
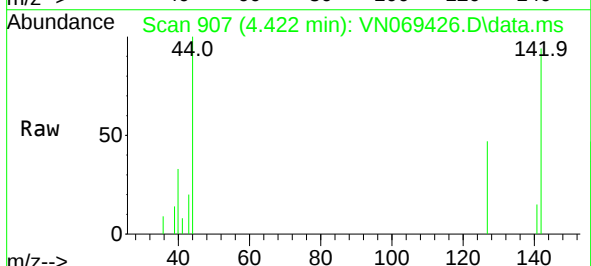
Manual Integrations
APPROVED

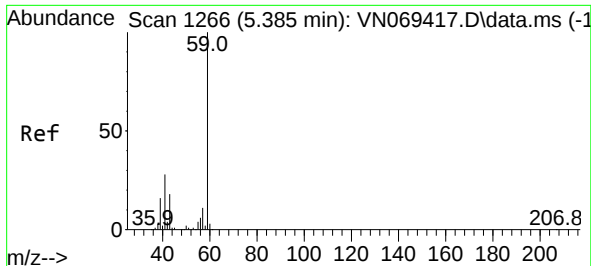
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#10
Methyl Iodide
Concen: 0.591 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

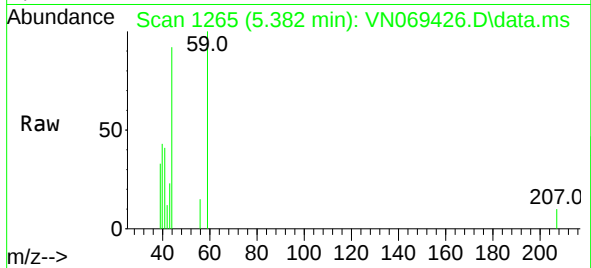
Tgt Ion:142 Resp: 5802
Ion Ratio Lower Upper
142 100
127 32.6 35.4 53.0
141 12.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 2.911 ug/l m
RT: 5.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

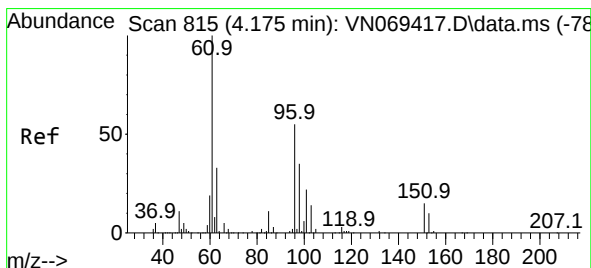
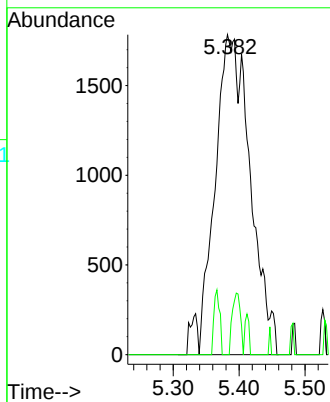
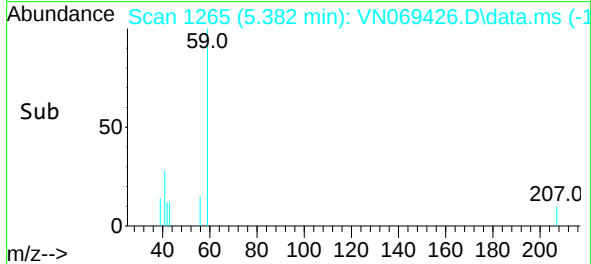
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



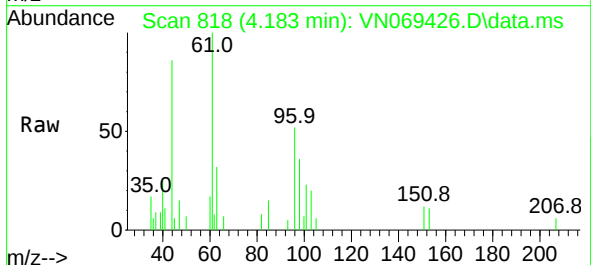
Tgt Ion: 59 Resp: 674
Ion Ratio Lower Upper
59 100
57 4.4 8.7 13.1

Manual Integrations
APPROVED

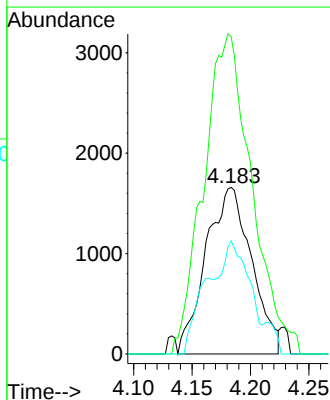
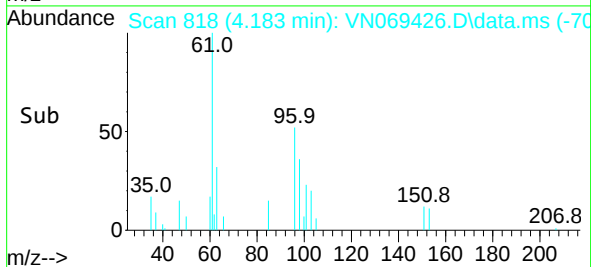
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#12
1,1-Dichloroethene
Concen: 0.628 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54



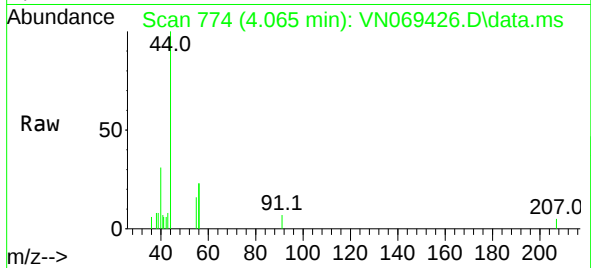
Tgt Ion: 96 Resp: 4509
Ion Ratio Lower Upper
96 100
61 180.9 131.0 196.6
98 67.9 52.4 78.6





#13
Acrolein
Concen: 3.960 ug/l m
RT: 4.065 min Scan# 71
Delta R.T. 0.024 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

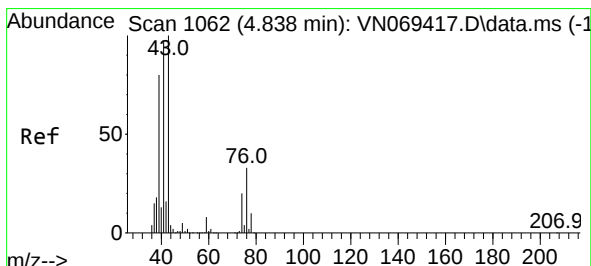
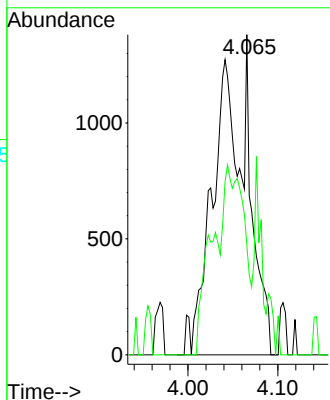
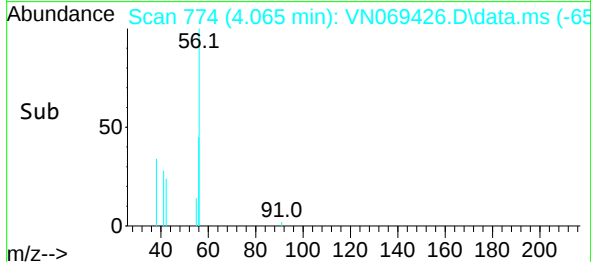
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



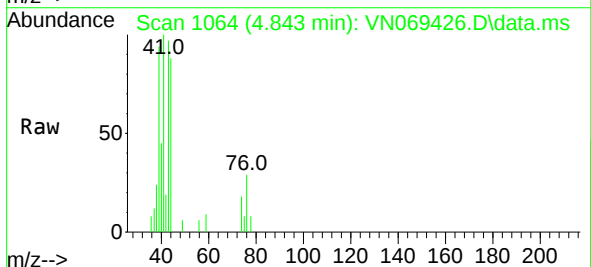
Tgt Ion: 56 Resp: 343
Ion Ratio Lower Upper
56 100
55 6.8 56.6 85.0#

Manual Integrations
APPROVED

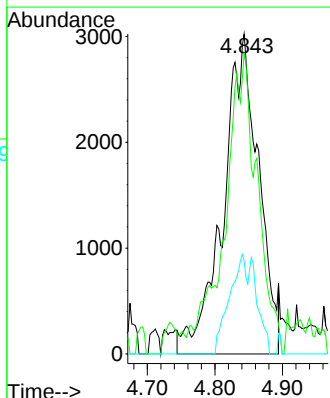
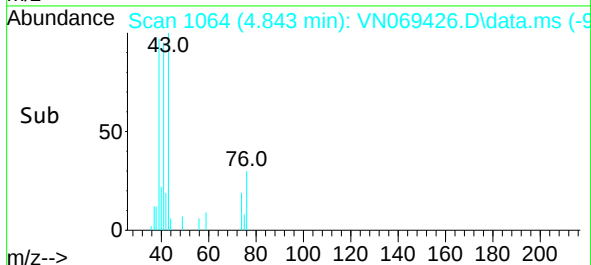
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

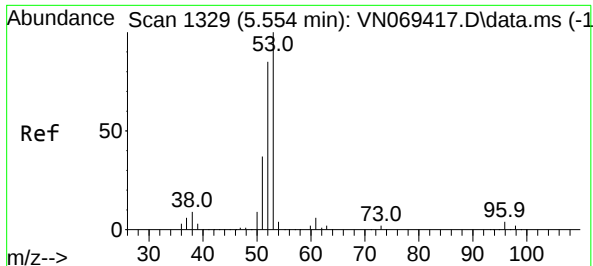


#14
Allyl chloride
Concen: 0.694 ug/l m
RT: 4.843 min Scan# 1064
Delta R.T. 0.005 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54



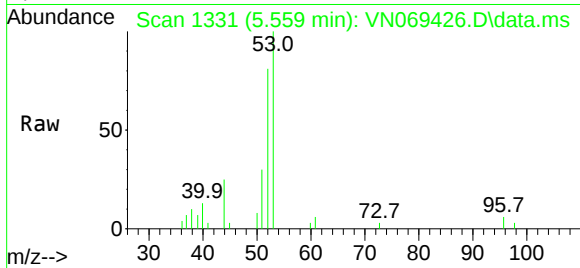
Tgt Ion: 41 Resp: 11032
Ion Ratio Lower Upper
41 100
39 20.8 61.2 91.8#
76 15.2 26.0 39.0#





#15
Acrylonitrile
Concen: 3.161 ug/l
RT: 5.559 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

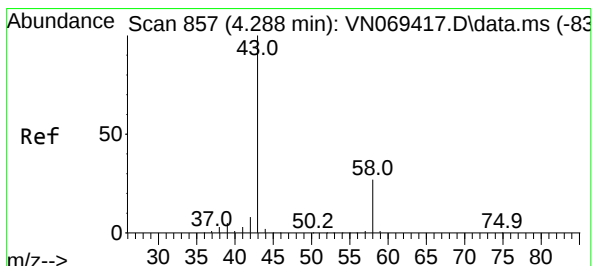
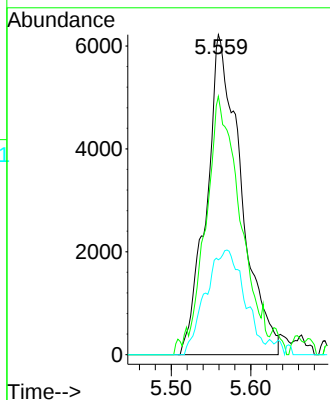
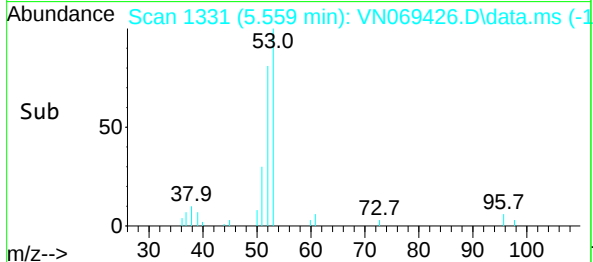
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 53 Resp: 18748
Ion Ratio Lower Upper
53 100
52 77.2 66.2 99.2
51 36.7 29.6 44.4

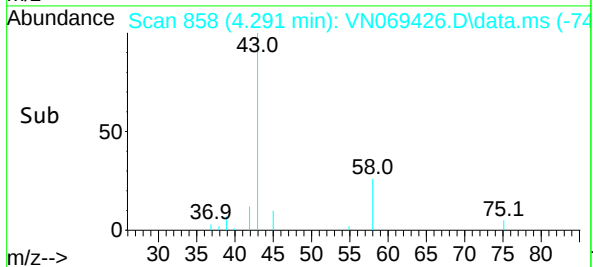
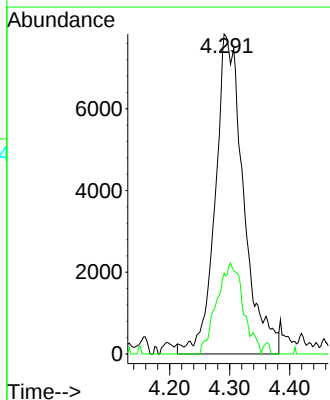
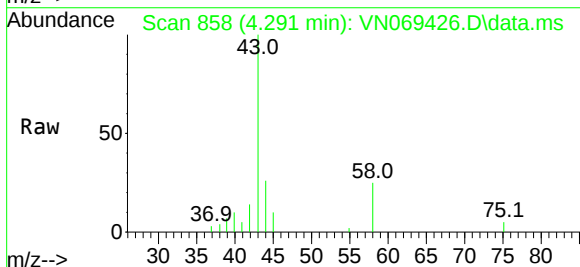
Manual Integrations
APPROVED

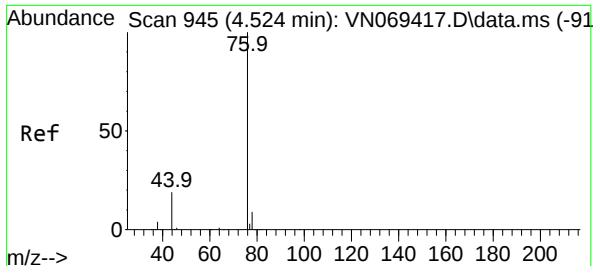
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#16
Acetone
Concen: 3.697 ug/l m
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

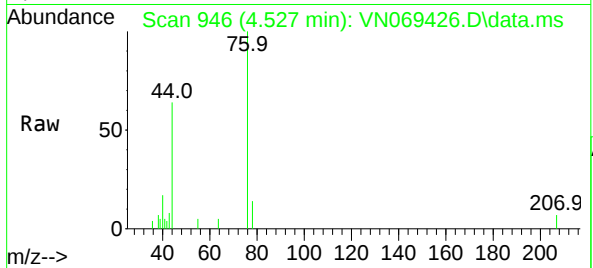
Tgt Ion: 43 Resp: 25635
Ion Ratio Lower Upper
43 100
58 25.2 23.1 34.7





#17
Carbon Disulfide
Concen: 0.676 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

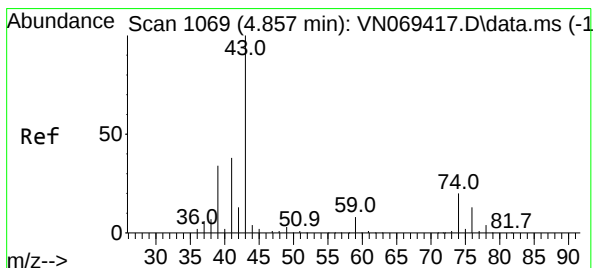
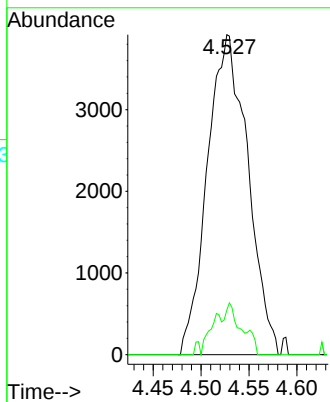
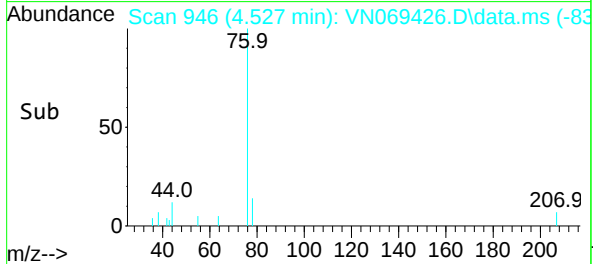
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



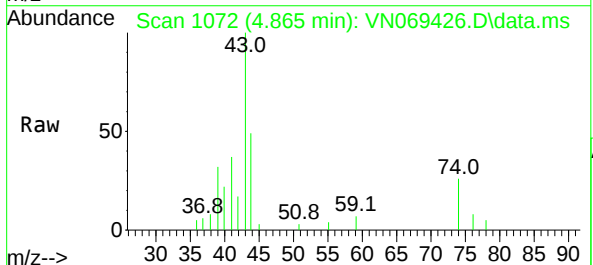
Tgt Ion: 76 Resp: 1148
Ion Ratio Lower Upper
76 100
78 14.0 7.5 11.3

Manual Integrations
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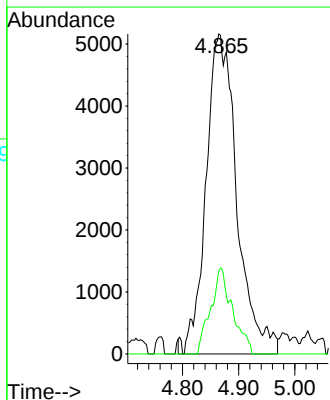
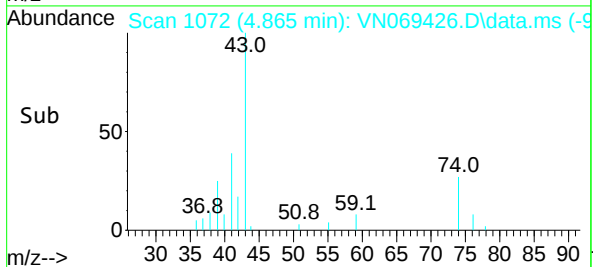
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

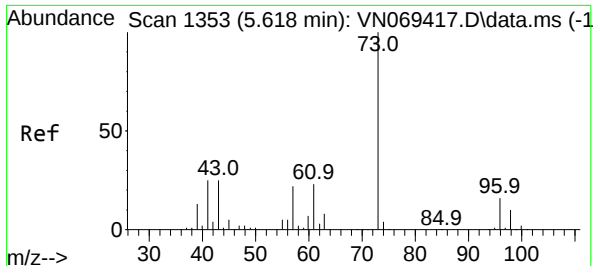


#18
Methyl Acetate
Concen: 0.876 ug/l m
RT: 4.865 min Scan# 1072
Delta R.T. 0.008 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54



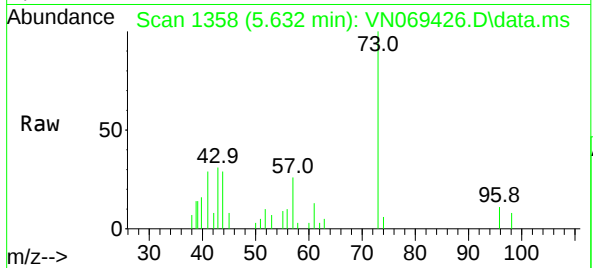
Tgt Ion: 43 Resp: 19743
Ion Ratio Lower Upper
43 100
74 19.0 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 0.645 ug/l m
RT: 5.632 min Scan# 1159
Delta R.T. 0.014 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

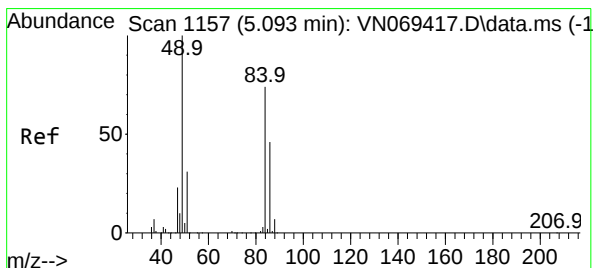
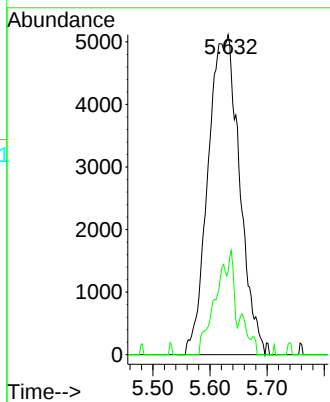
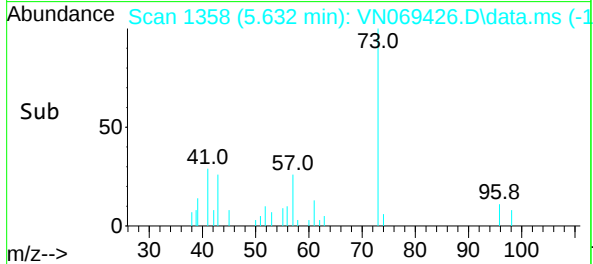
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



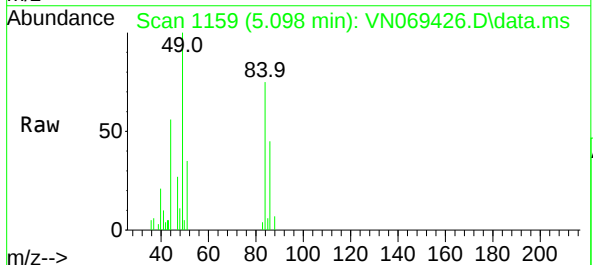
Tgt Ion: 73 Resp: 1960
Ion Ratio Lower Upper
73 100
57 26.0 16.8 25.2

Manual Integrations
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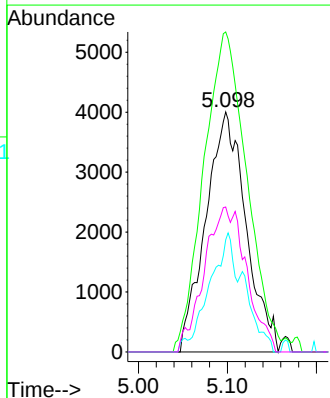
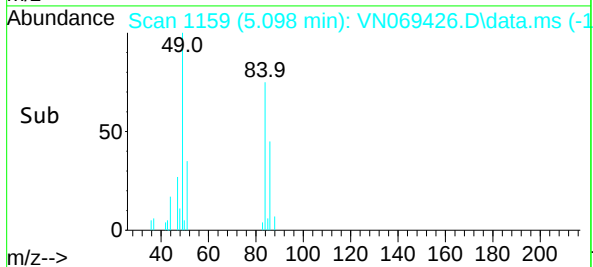
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

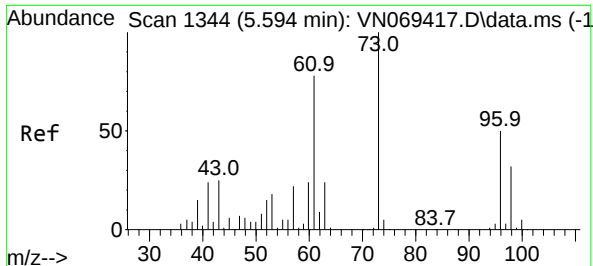


#20
Methylene Chloride
Concen: 1.274 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54



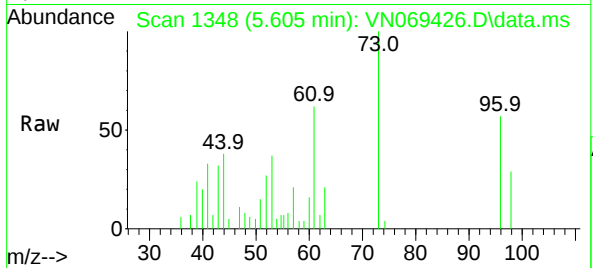
Tgt Ion: 84 Resp: 12531
Ion Ratio Lower Upper
84 100
49 128.5 93.5 140.3
51 46.8 29.4 44.2#
86 60.4 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 0.699 ug/l
RT: 5.605 min Scan# 1348
Delta R.T. 0.011 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

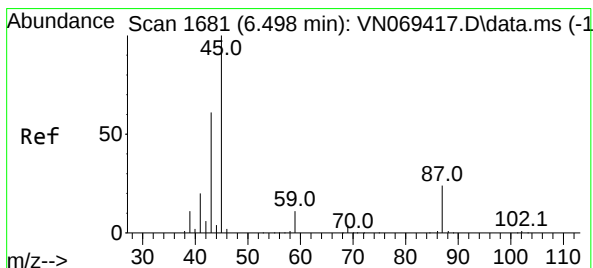
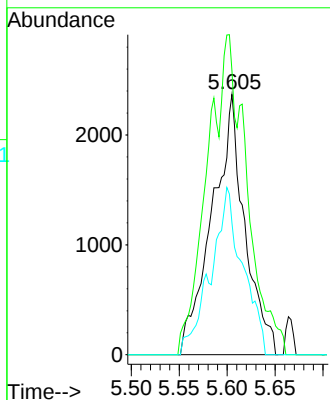
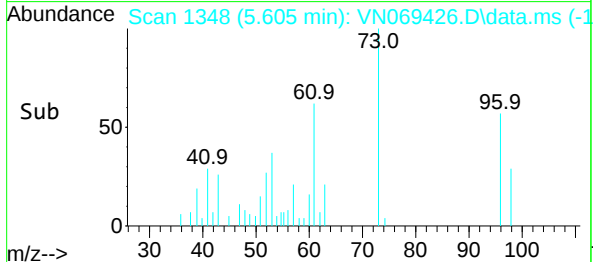
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



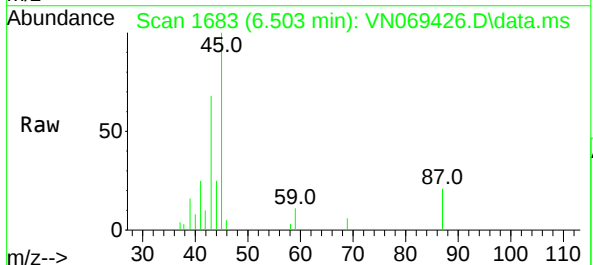
Tgt Ion: 96 Resp: 5610
Ion Ratio Lower Upper
96 100
61 108.9 105.8 158.6
98 50.6 52.0 78.0

Manual Integrations
APPROVED

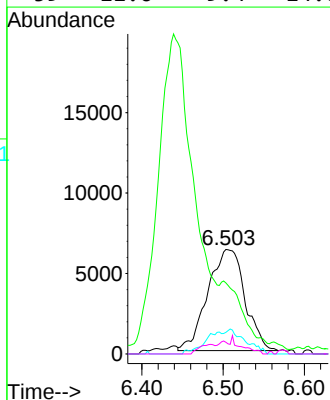
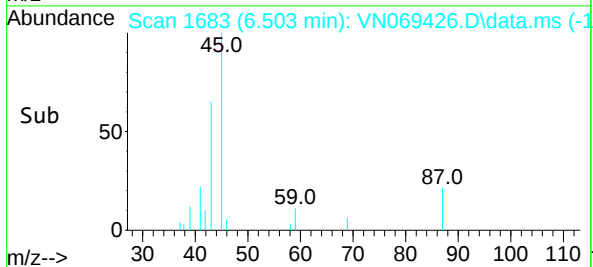
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

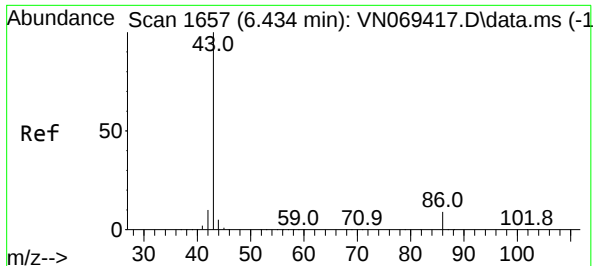


#22
Diisopropyl ether
Concen: 0.584 ug/l
RT: 6.503 min Scan# 1683
Delta R.T. 0.005 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54



Tgt Ion: 45 Resp: 20000
Ion Ratio Lower Upper
45 100
43 60.6 51.7 77.5
87 21.4 23.2 34.8
59 11.6 9.4 14.0





#23

Vinyl Acetate

Concen: 2.737 ug/l m

RT: 6.439 min Scan# 1659

Delta R.T. 0.005 min

Lab File: VN069426.D

Acq: 9 Nov 2021 18:54

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 43 Resp: 7243

Ion Ratio Lower Upper

43 100

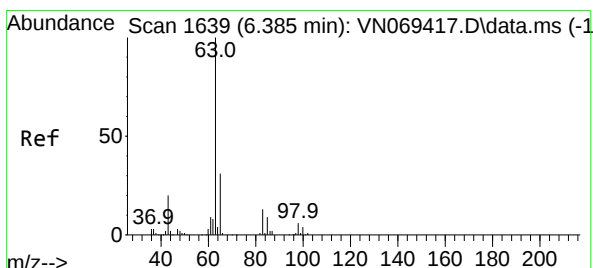
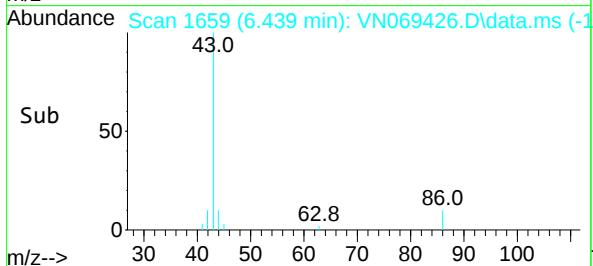
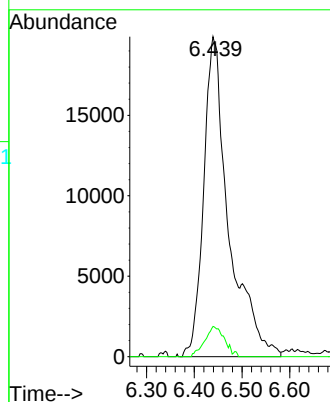
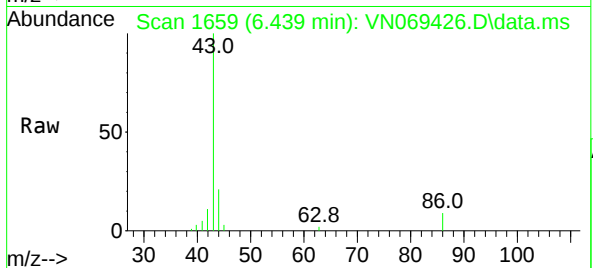
86 9.5 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#24

1,1-Dichloroethane

Concen: 0.653 ug/l m

RT: 6.385 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VN069426.D

Acq: 9 Nov 2021 18:54

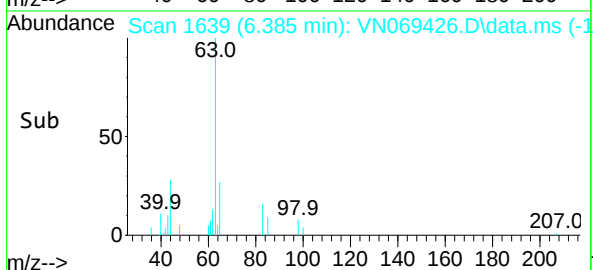
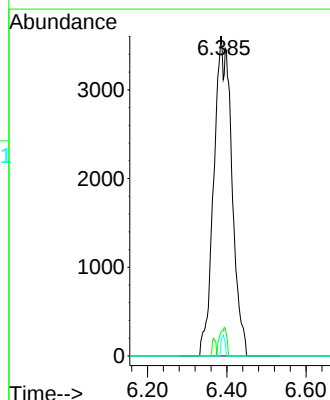
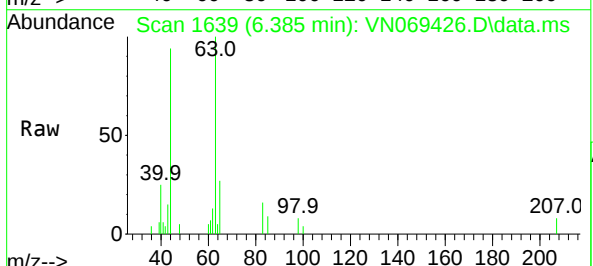
Tgt Ion: 63 Resp: 11387

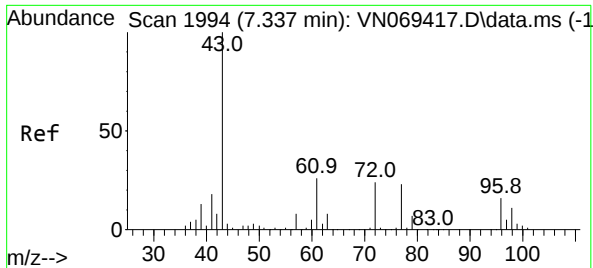
Ion Ratio Lower Upper

63 100

98 7.6 3.3 9.9

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 3.009 ug/l

RT: 7.346 min Scan# 1989

Delta R.T. 0.009 min

Lab File: VN069426.D

Acq: 9 Nov 2021 18:54

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 43 Resp: 2825

Ion Ratio Lower Upper

43 100

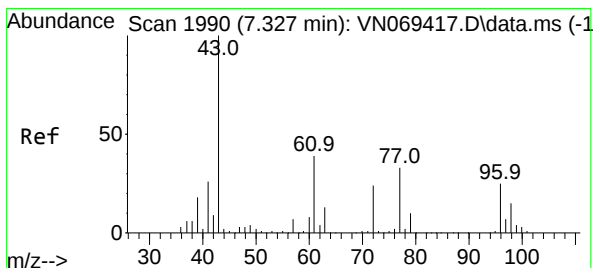
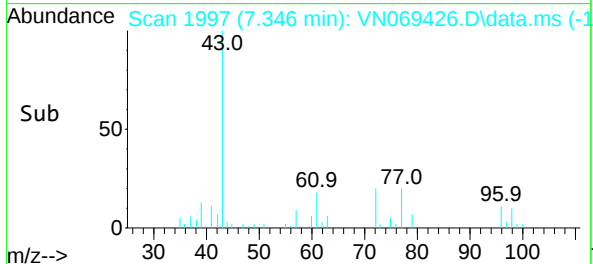
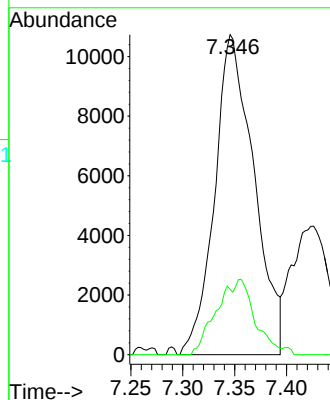
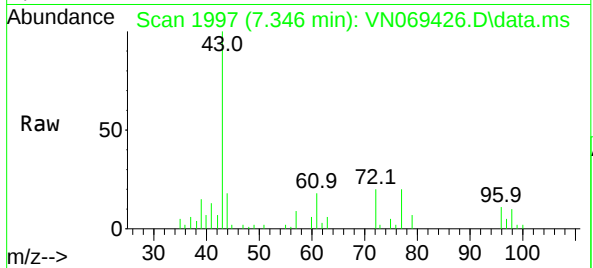
72 20.4 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#26

2,2-Dichloropropane

Concen: 0.544 ug/l m

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069426.D

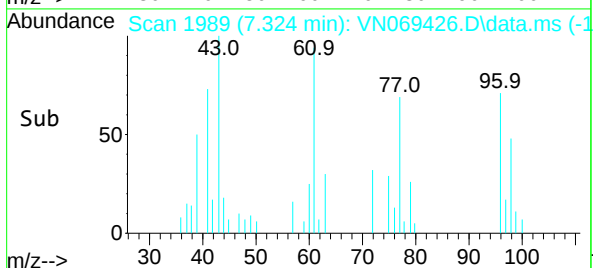
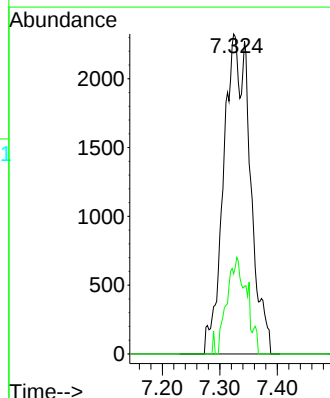
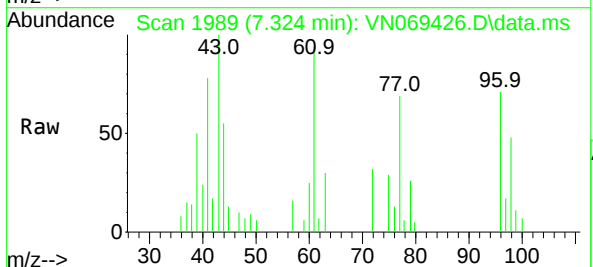
Acq: 9 Nov 2021 18:54

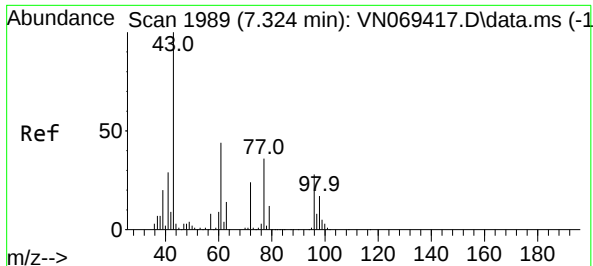
Tgt Ion: 77 Resp: 7417

Ion Ratio Lower Upper

77 100

97 21.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 0.644 ug/l

RT: 7.329 min Scan# 1989

Delta R.T. 0.005 min

Lab File: VN069426.D

Acq: 9 Nov 2021 18:54

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

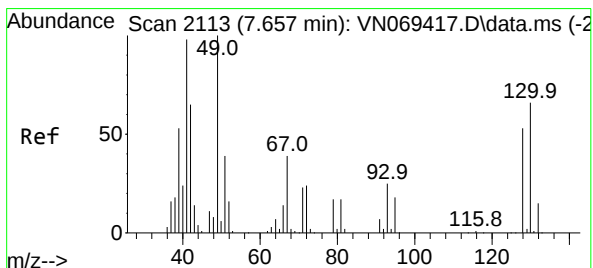
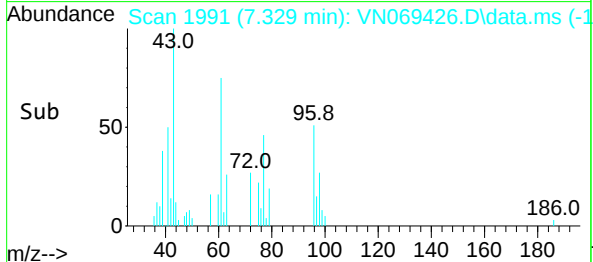
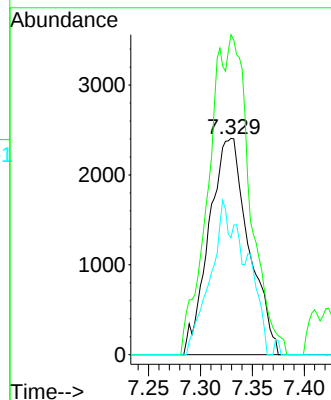
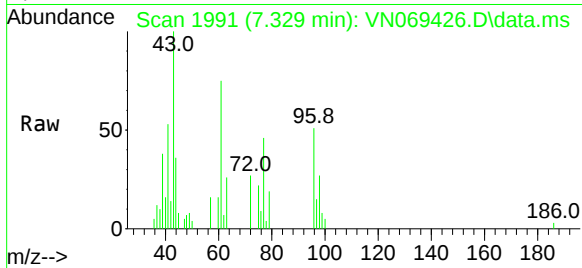
Tgt Ion:	96	Resp:	640
Ion Ratio	Lower	Upper	
96	100		
61	69.1	0.0	275.0
98	35.7	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#28

Bromochloromethane

Concen: 0.706 ug/l

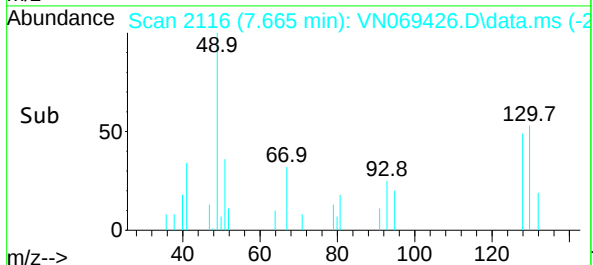
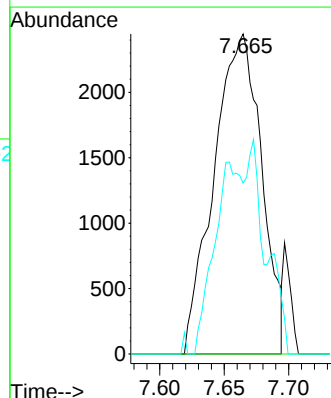
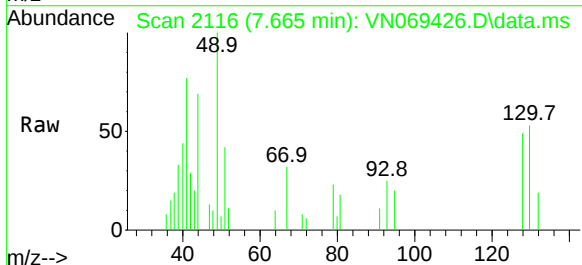
RT: 7.665 min Scan# 2116

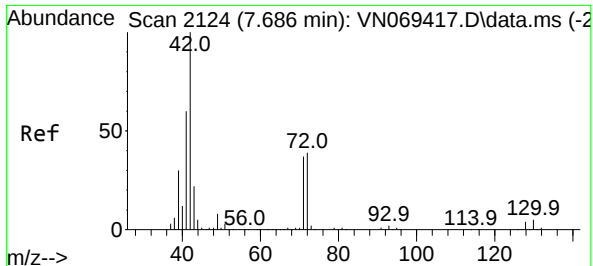
Delta R.T. 0.008 min

Lab File: VN069426.D

Acq: 9 Nov 2021 18:54

Tgt Ion:	49	Resp:	6297
Ion Ratio	Lower	Upper	
49	100		
129	0.0	0.0	4.0
130	35.4	67.8	101.8#





#29

Tetrahydrofuran

Concen: 3.305 ug/l

RT: 7.700 min Scan# 2129

Delta R.T. 0.014 min

Lab File: VN069426.D

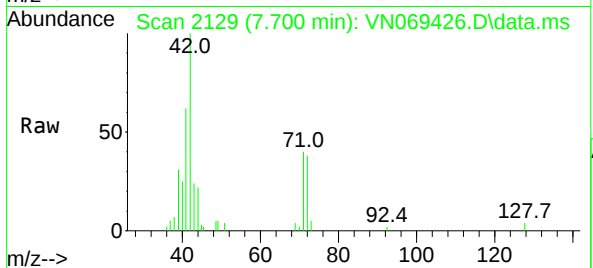
Acq: 9 Nov 2021 18:54

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 42 Resp: 1904

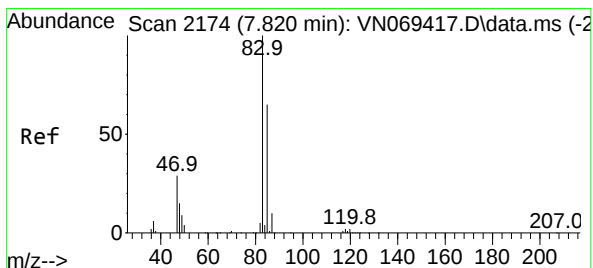
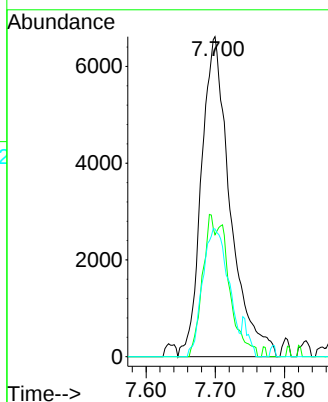
Ion	Ratio	Lower	Upper
42	100		
72	19.2	36.3	54.5
71	36.1	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#30

Chloroform

Concen: 0.682 ug/l

RT: 7.823 min Scan# 2175

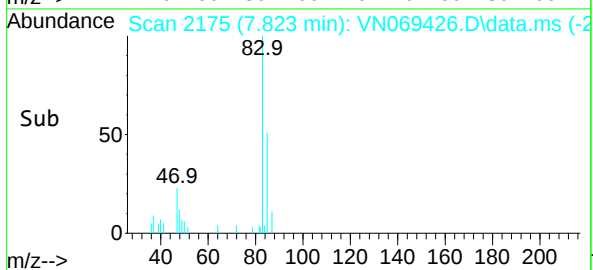
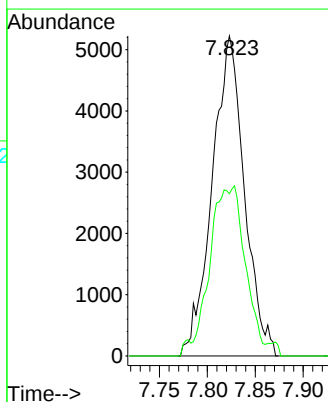
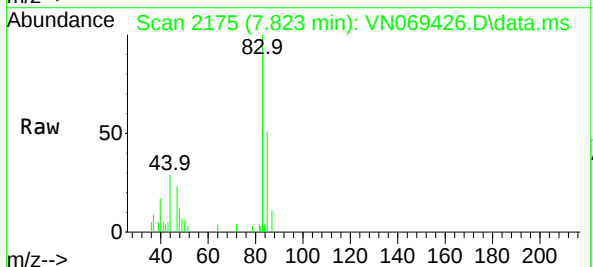
Delta R.T. 0.003 min

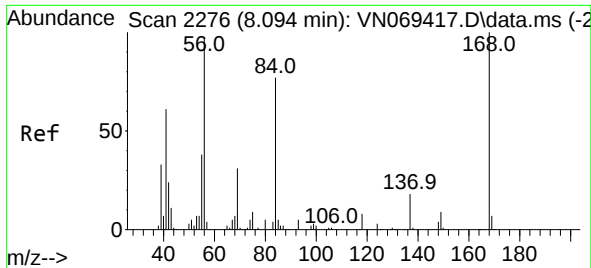
Lab File: VN069426.D

Acq: 9 Nov 2021 18:54

Tgt Ion: 83 Resp: 12177

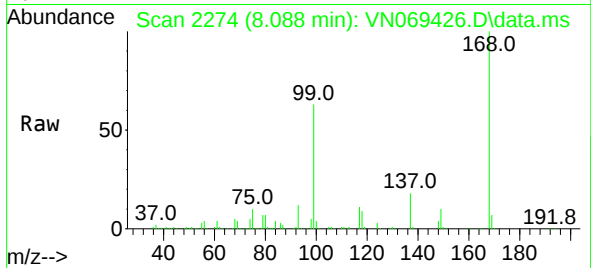
Ion	Ratio	Lower	Upper
83	100		
85	50.7	51.9	77.9





#31
Cyclohexane
Concen: 1.929 ug/l
RT: 8.088 min Scan# 2276
Delta R.T. -0.006 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

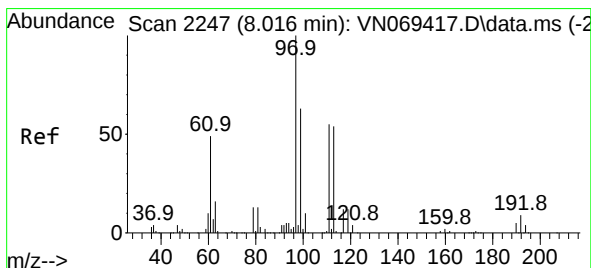
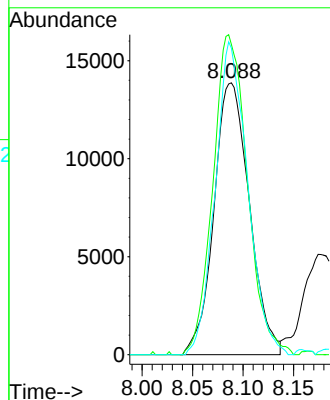
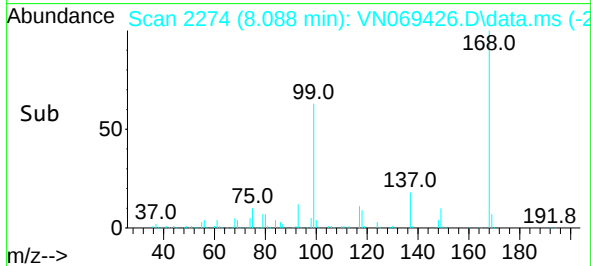
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 56 Resp: 3387
Ion Ratio Lower Upper
56 100
69 114.1 27.1 40.7
84 112.8 73.4 110.0

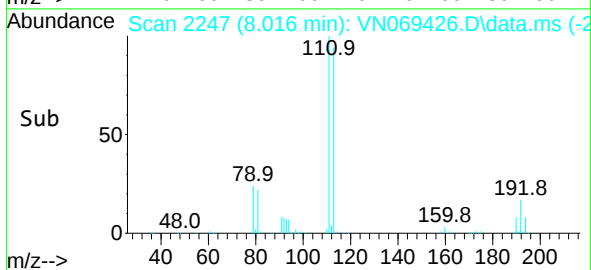
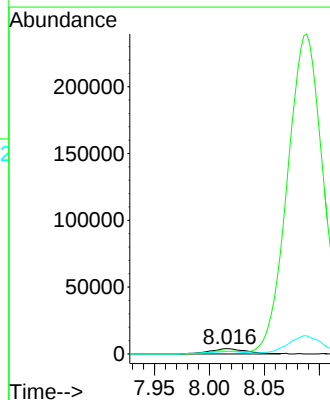
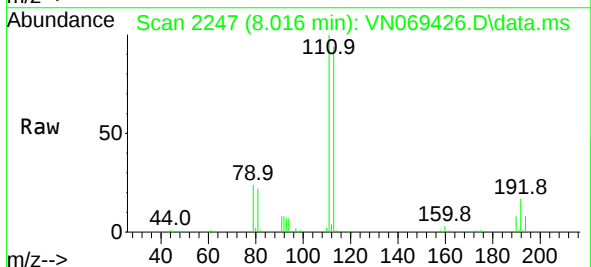
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#32
1,1,1-Trichloroethane
Concen: 0.616 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

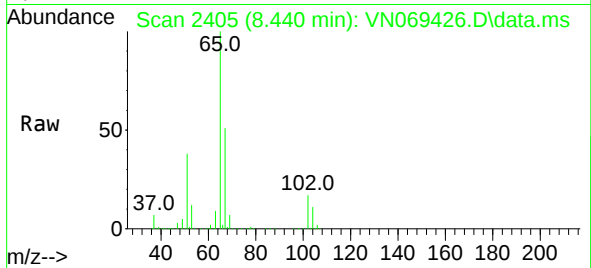
Tgt Ion: 97 Resp: 9189
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1
61 46.8 35.2 52.8





#33
 1,2-Dichloroethane-d4
 Concen: 58.712 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069426.D
 Acq: 9 Nov 2021 18:54

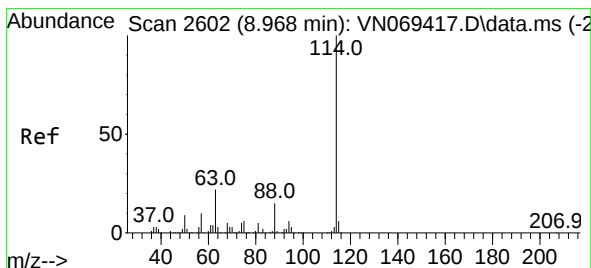
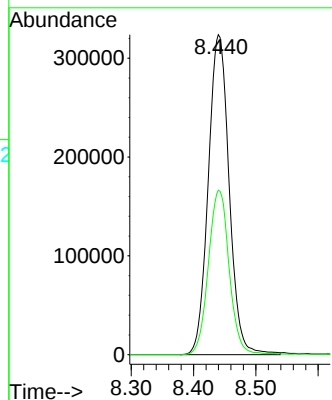
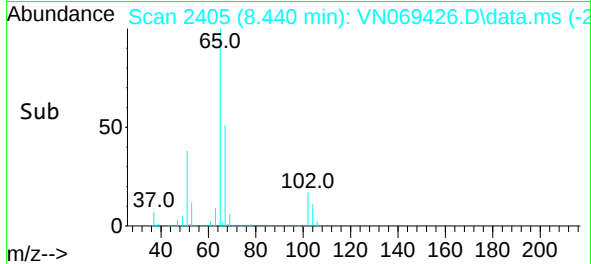
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT4-2021



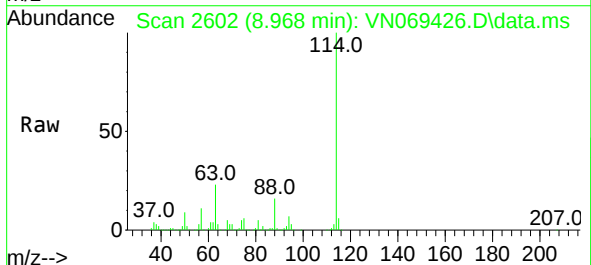
Tgt Ion: 65 Resp: 754640
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.0

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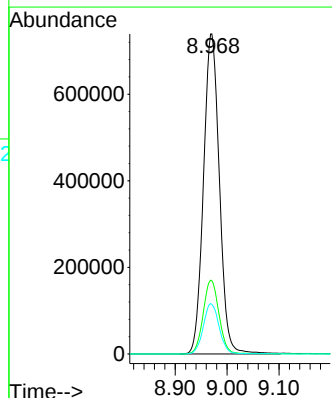
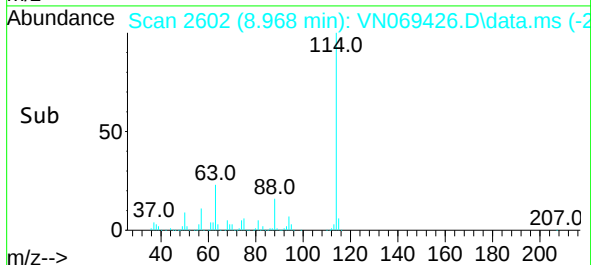
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021

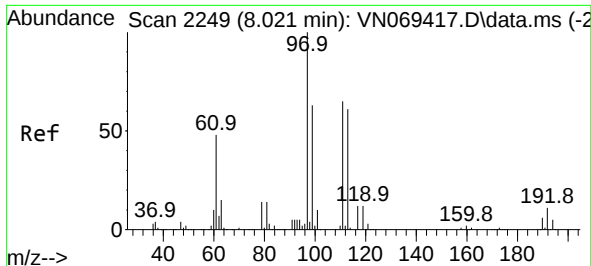


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN069426.D
 Acq: 9 Nov 2021 18:54



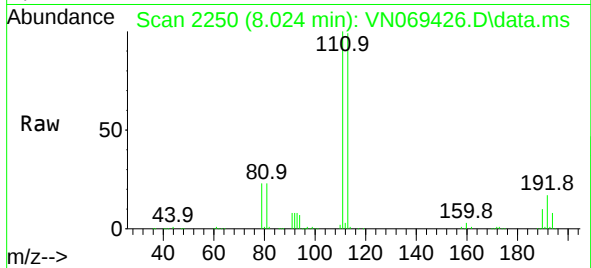
Tgt Ion:114 Resp: 1574185
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 37.8
 88 15.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.386 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

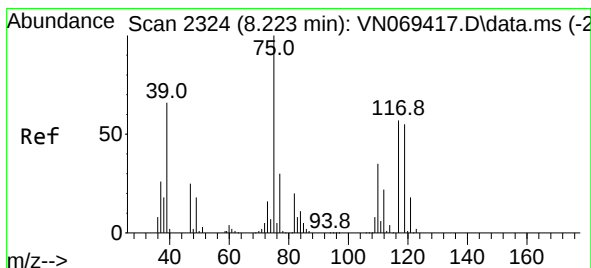
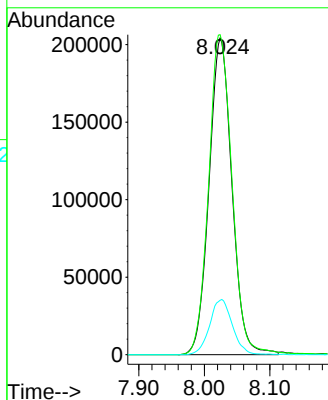
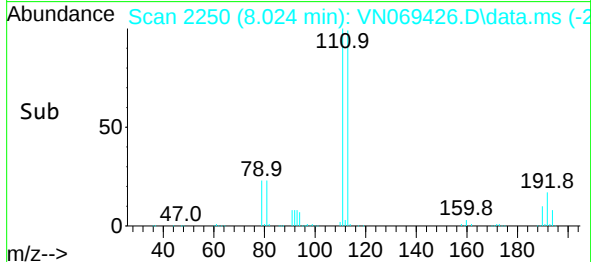
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:113 Resp: 49458
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 17.3 16.9 25.3

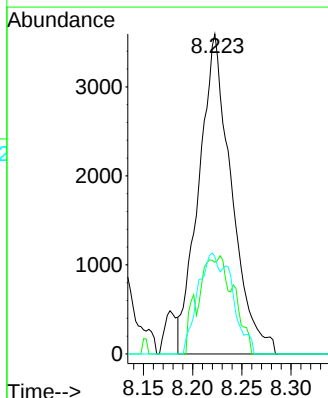
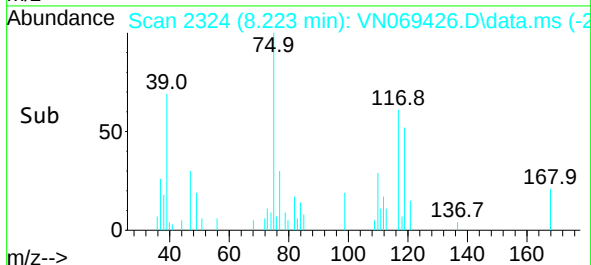
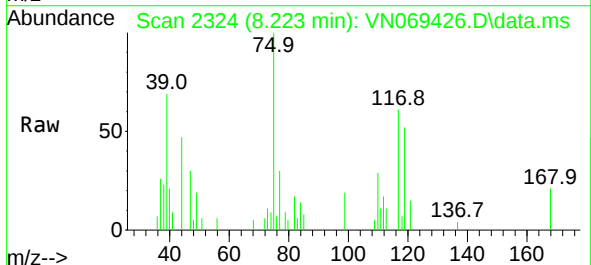
Manual Integrations
APPROVED

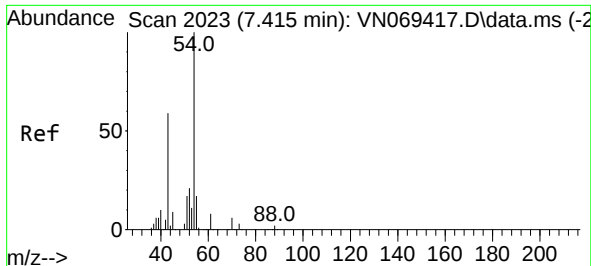
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#36
1,1-Dichloropropene
Concen: 0.626 ug/l
RT: 8.223 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

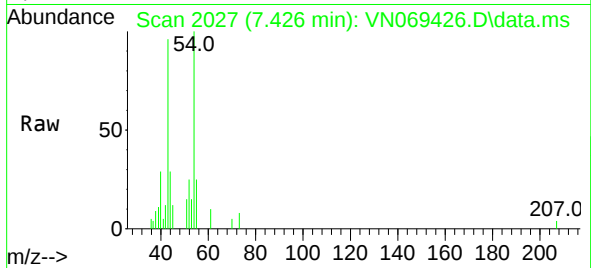
Tgt Ion: 75 Resp: 8294
Ion Ratio Lower Upper
75 100
110 6.7 18.4 55.2#
77 20.7 24.4 36.6#





#37
Ethyl Acetate
Concen: 0.643 ug/l
RT: 7.426 min Scan# 2023
Delta R.T. 0.011 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

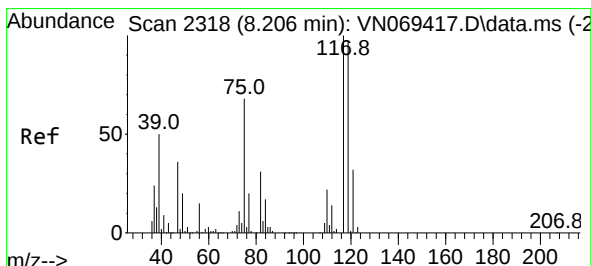
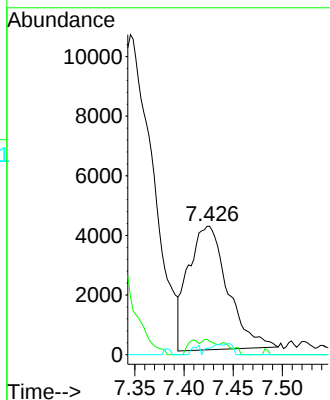
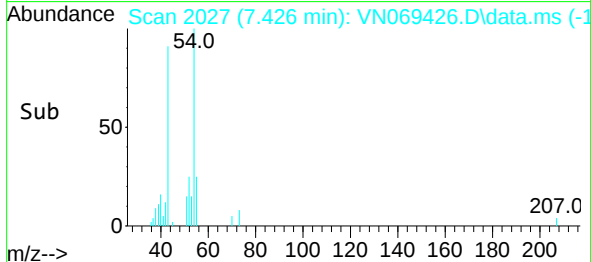
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



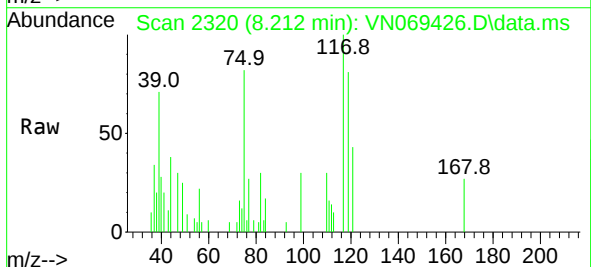
Tgt Ion: 43 Resp: 11519
Ion Ratio Lower Upper
43 100
61 1.7 11.5 17.3
70 3.0 7.9 11.9

Manual Integrations
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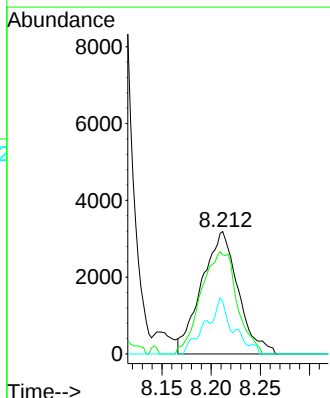
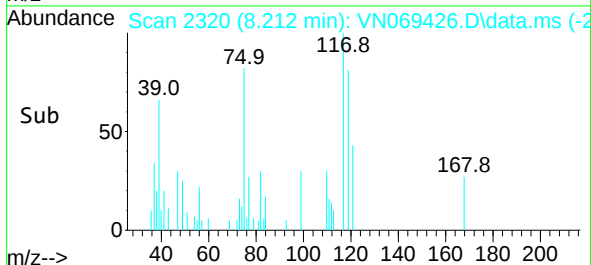
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

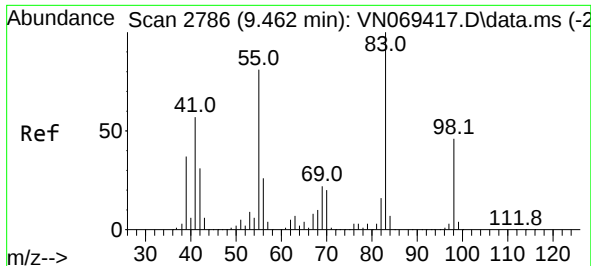


#38
Carbon Tetrachloride
Concen: 0.643 ug/l
RT: 8.212 min Scan# 2320
Delta R.T. 0.006 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54



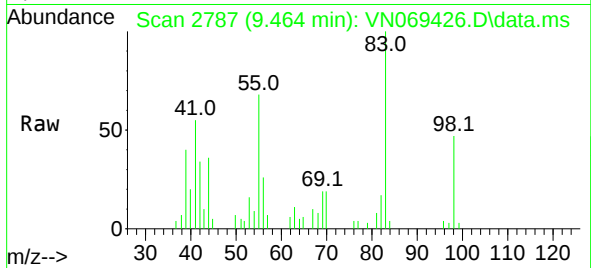
Tgt Ion: 117 Resp: 8229
Ion Ratio Lower Upper
117 100
119 81.0 76.1 114.1
121 42.9 24.2 36.2





#39
Methylcyclohexane
Concen: 0.576 ug/l
RT: 9.464 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

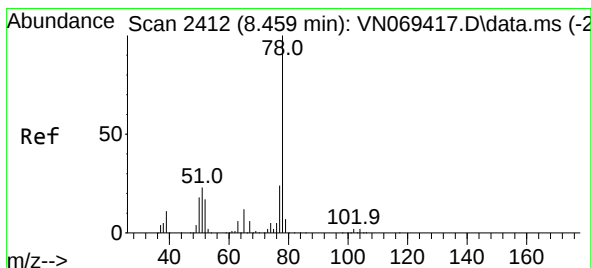
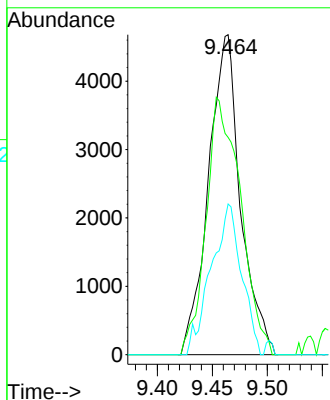
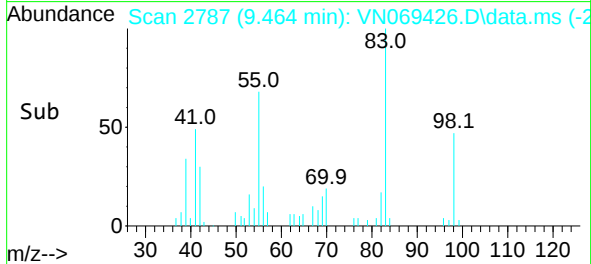
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 83 Resp: 9490
Ion Ratio Lower Upper
83 100
55 67.9 58.1 87.1
98 47.1 38.4 57.6

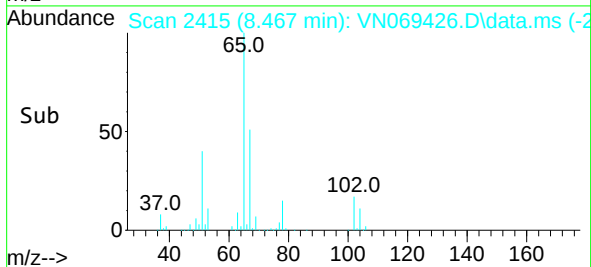
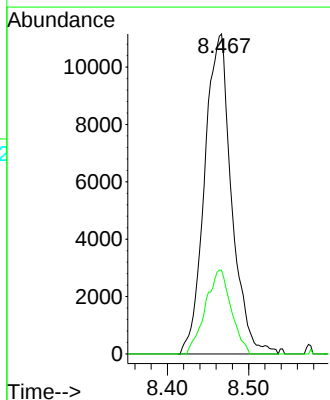
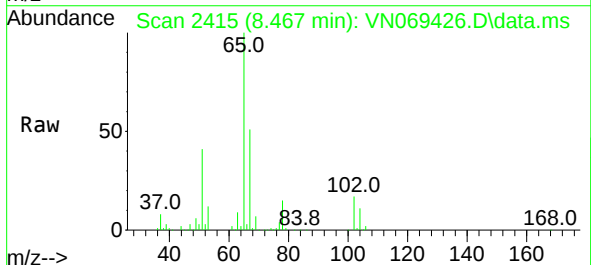
Manual Integrations
APPROVED

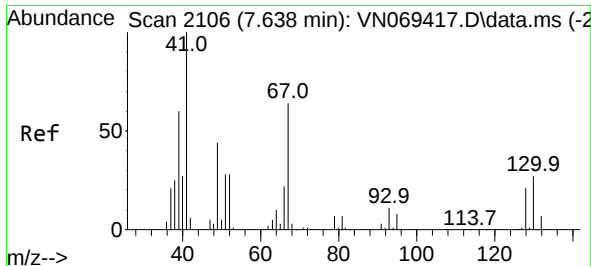
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#40
Benzene
Concen: 0.628 ug/l
RT: 8.467 min Scan# 2415
Delta R.T. 0.008 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

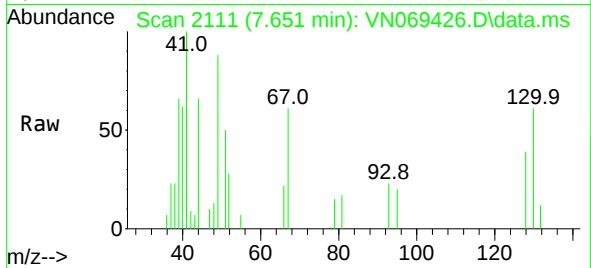
Tgt Ion: 78 Resp: 25691
Ion Ratio Lower Upper
78 100
77 26.2 18.6 27.8





#41
Methacrylonitrile
Concen: 0.691 ug/l m
RT: 7.651 min Scan# 2106
Delta R.T. 0.013 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

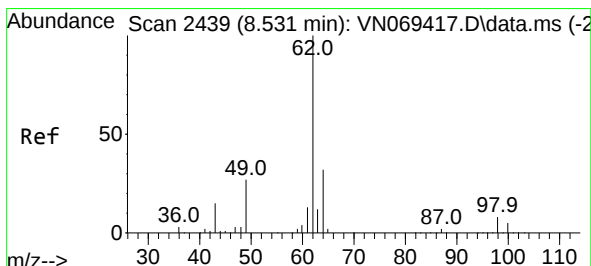
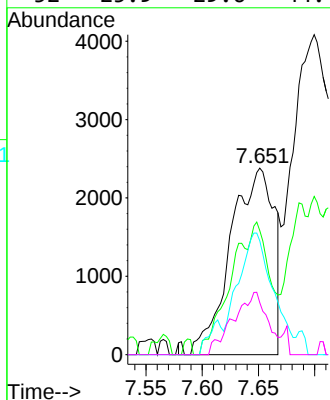
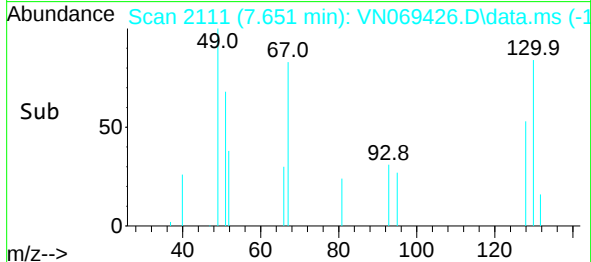
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 41 Resp: 6390
Ion Ratio Lower Upper
41 100
39 31.7 48.1 72.1
67 52.1 68.3 102.5
52 25.9 29.6 44.4

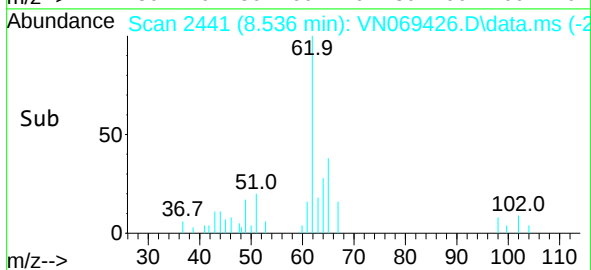
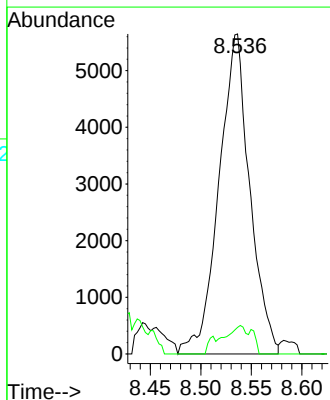
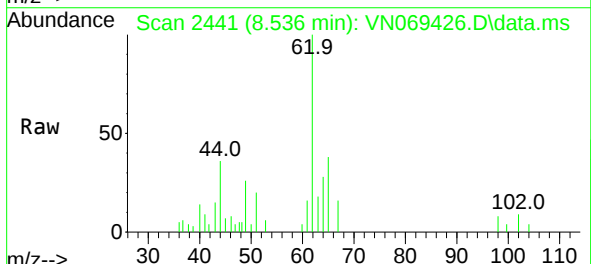
Manual Integrations
APPROVED

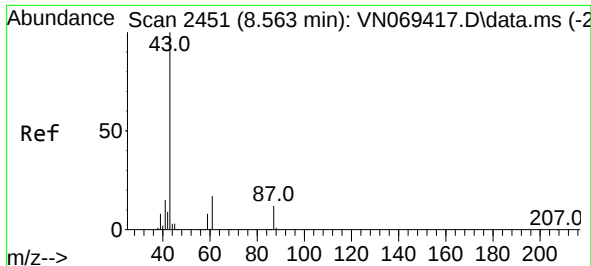
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#42
1,2-Dichloroethane
Concen: 0.749 ug/l
RT: 8.536 min Scan# 2441
Delta R.T. 0.005 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

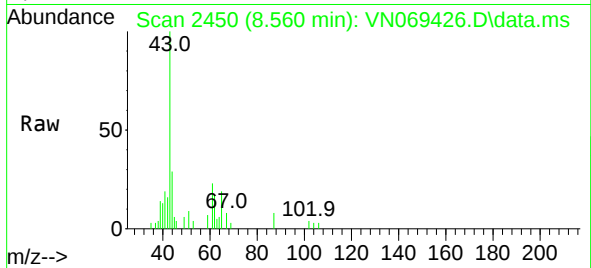
Tgt Ion: 62 Resp: 11984
Ion Ratio Lower Upper
62 100
98 1.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 0.582 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

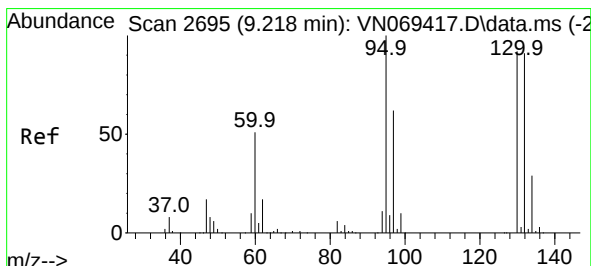
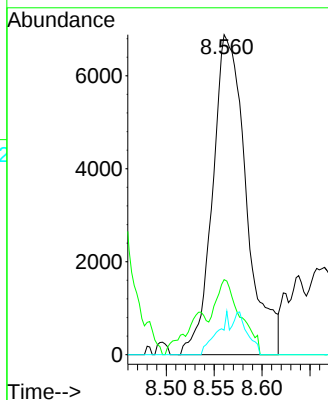
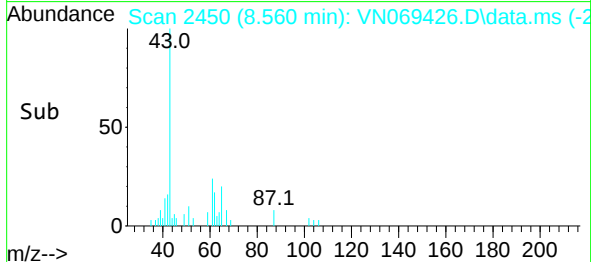
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 43 Resp: 1675
Ion Ratio Lower Upper
43 100
61 17.8 20.4 30.6
87 4.8 11.2 16.8

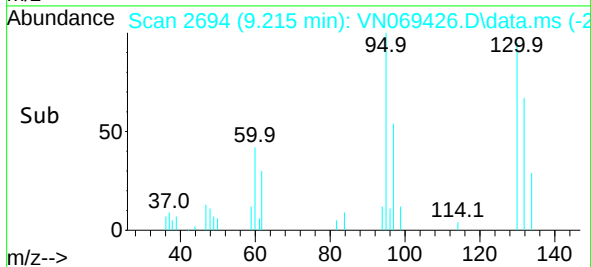
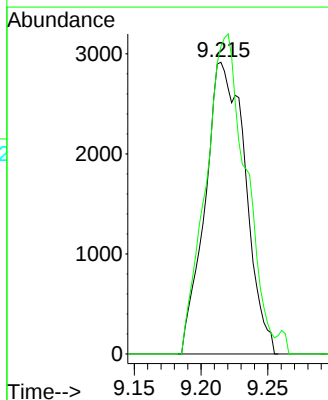
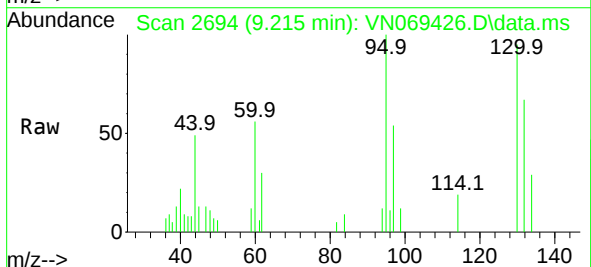
Manual Integrations
APPROVED

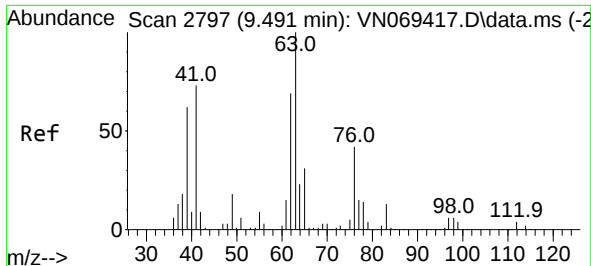
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#44
Trichloroethene
Concen: 0.623 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

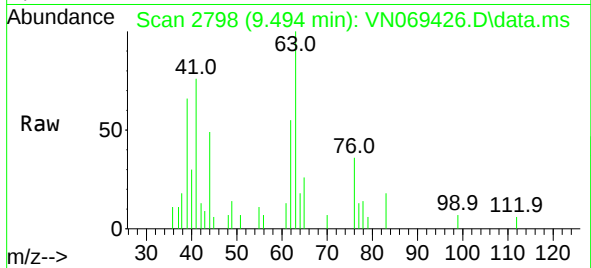
Tgt Ion:130 Resp: 6098
Ion Ratio Lower Upper
130 100
95 105.4 0.0 191.2





#45
1,2-Dichloropropane
Concen: 0.599 ug/l
RT: 9.494 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

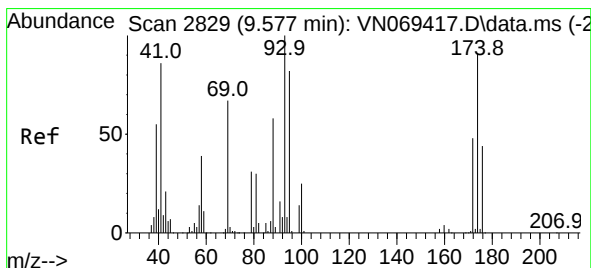
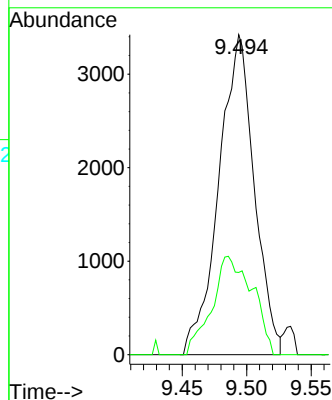
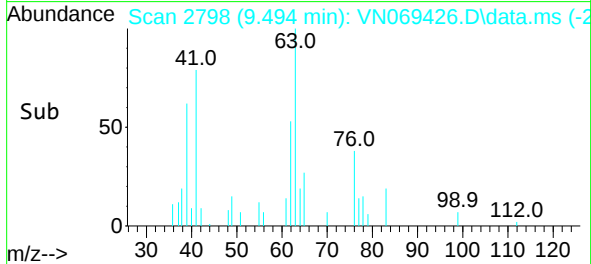
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 63 Resp: 654
Ion Ratio Lower Upper
63 100
65 25.7 24.7 37.1

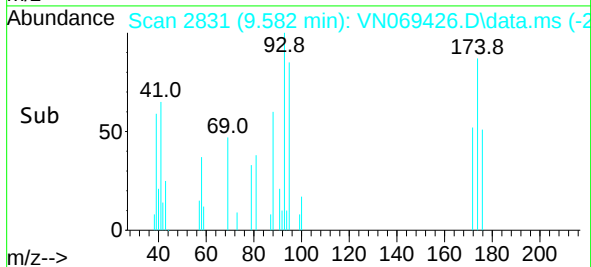
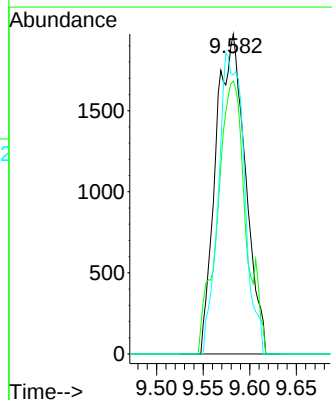
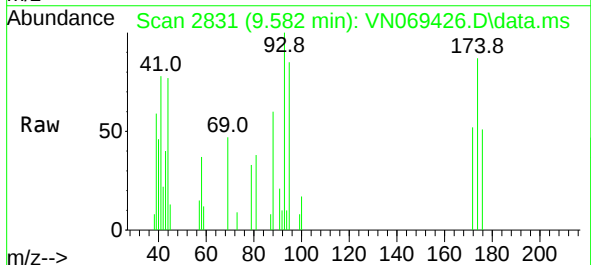
Manual Integrations
APPROVED

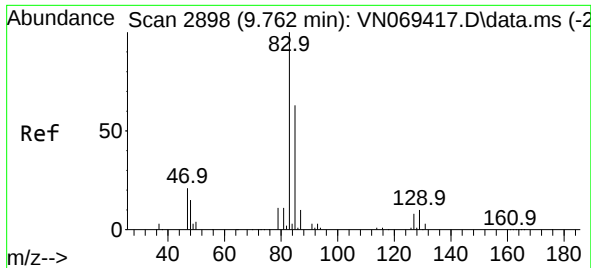
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#46
Dibromomethane
Concen: 0.593 ug/l m
RT: 9.582 min Scan# 2831
Delta R.T. 0.005 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

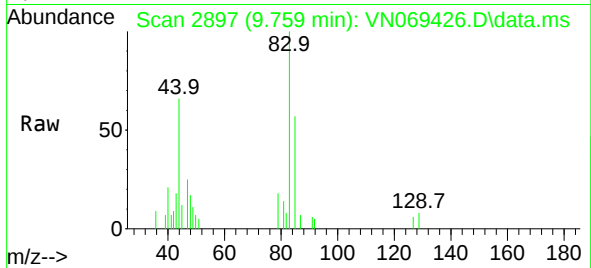
Tgt Ion: 93 Resp: 4337
Ion Ratio Lower Upper
93 100
95 81.9 65.9 98.9
174 82.5 84.6 127.0#





#47
Bromodichloromethane
Concen: 0.486 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

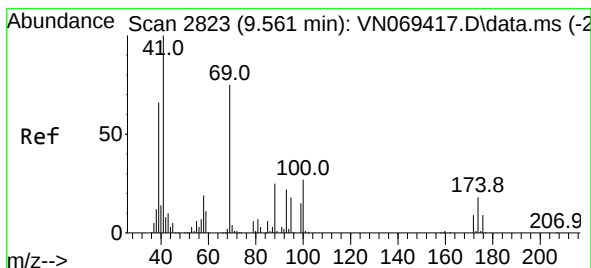
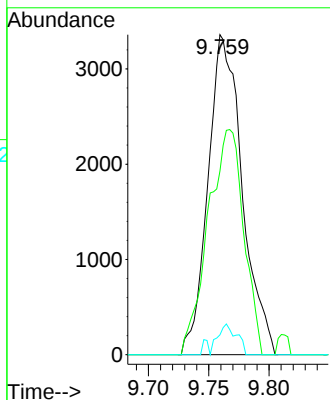
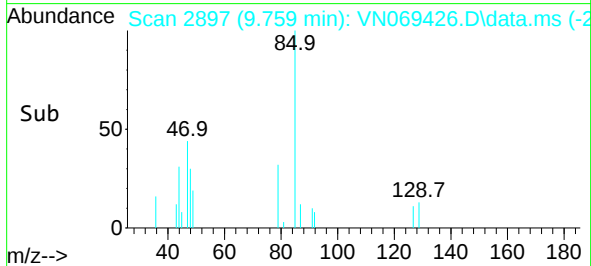
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



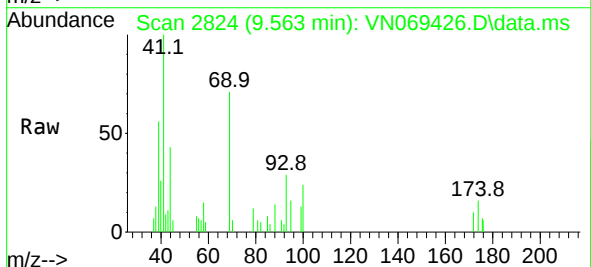
Tgt Ion: 83 Resp: 6638
Ion Ratio Lower Upper
83 100
85 57.4 50.9 76.3
127 6.2 7.1 10.7

Manual Integrations
APPROVED

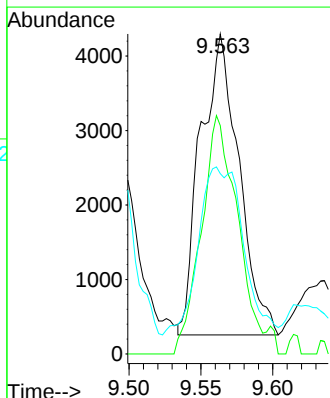
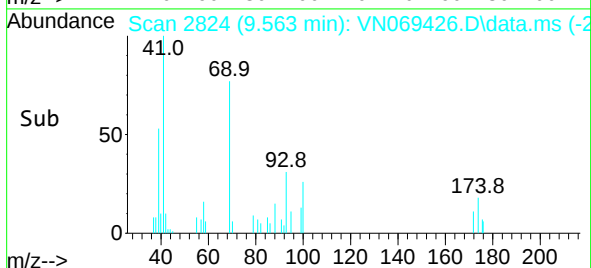
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

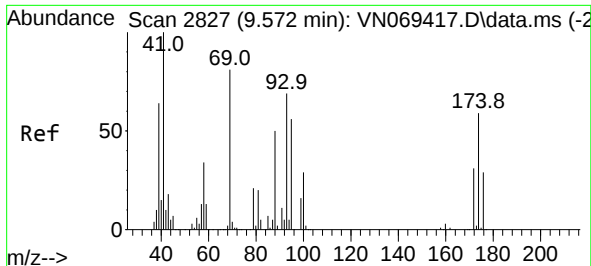


#48
Methyl methacrylate
Concen: 0.554 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.002 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54



Tgt Ion: 41 Resp: 7493
Ion Ratio Lower Upper
41 100
69 76.5 72.4 108.6
39 37.8 58.4 87.6





#49

1,4-Dioxane

Concen: 48.519 ug/l

RT: 9.574 min Scan# 2827

Delta R.T. 0.002 min

Lab File: VN069426.D

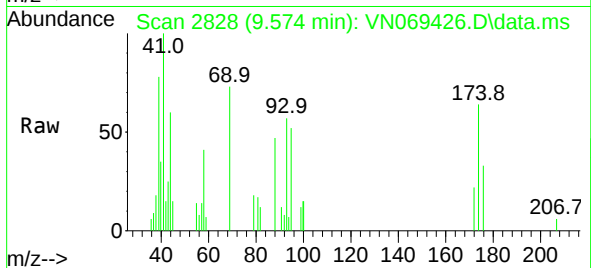
Acq: 9 Nov 2021 18:54

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



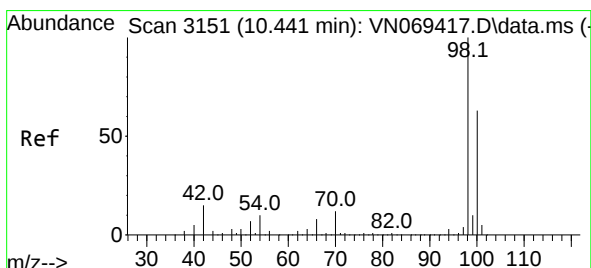
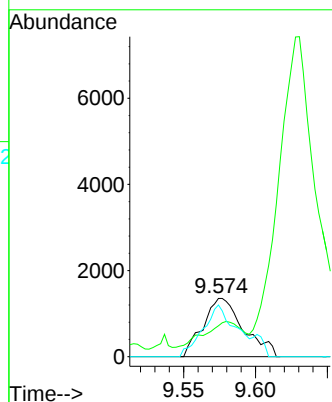
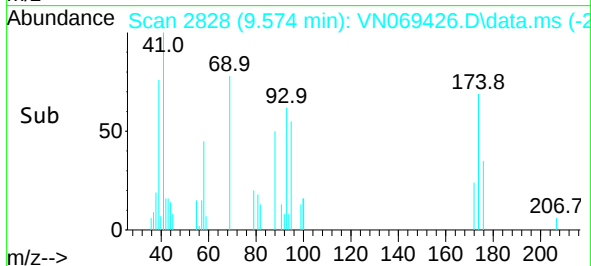
Tgt Ion: 88	Resp: 2640
Ion Ratio	Lower Upper
88	100
43	40.3 23.4 35.2
58	70.9 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#50

Toluene-d8

Concen: 52.666 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.002 min

Lab File: VN069426.D

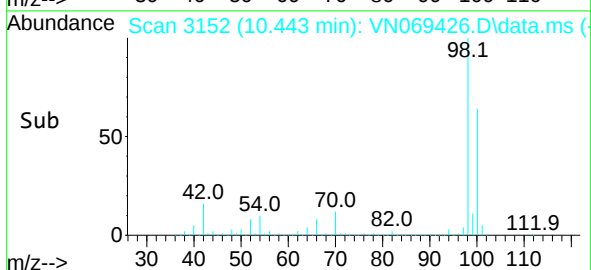
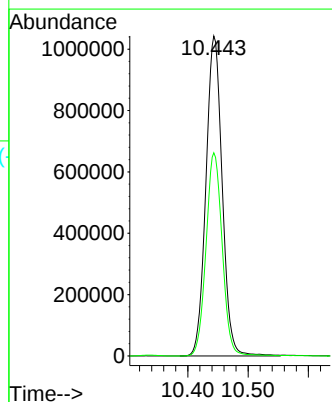
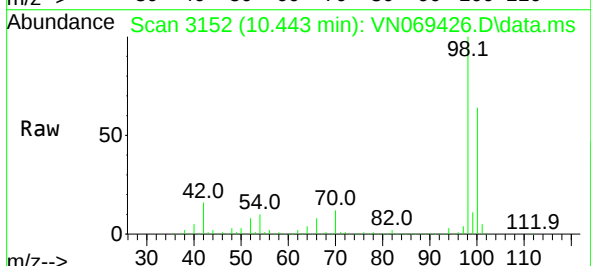
Acq: 9 Nov 2021 18:54

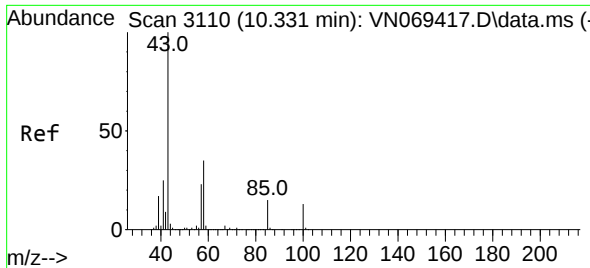
Tgt Ion: 98 Resp: 1955603

Ion Ratio Lower Upper

98 100

100 63.2 50.4 75.6





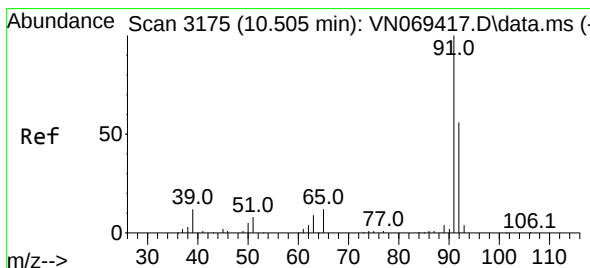
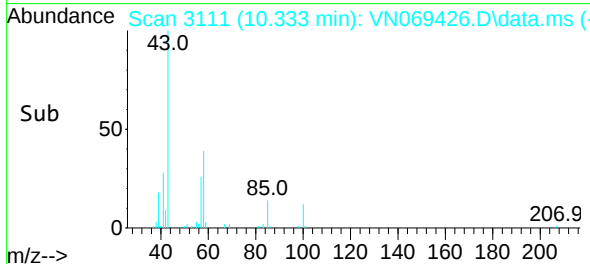
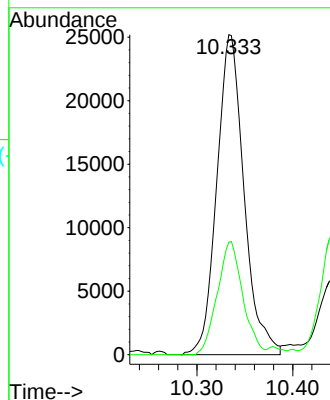
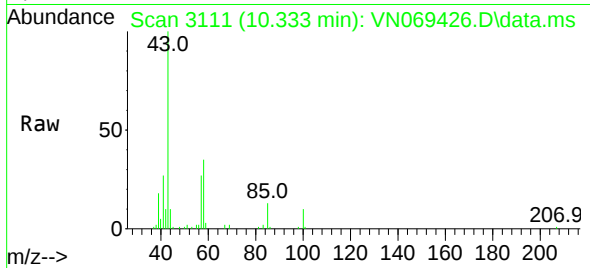
#51
4-Methyl-2-Pentanone
Concen: 2.669 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 43 Resp: 4955
Ion Ratio Lower Upper
43 100
58 33.2 30.4 45.6

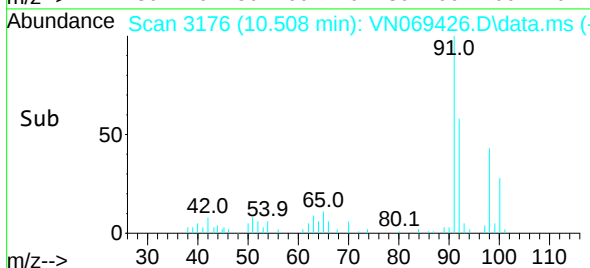
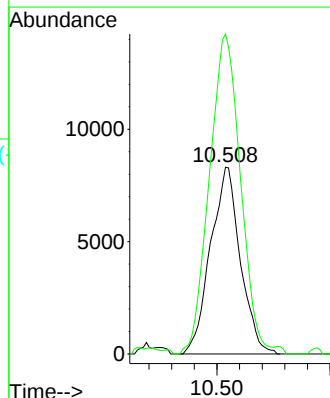
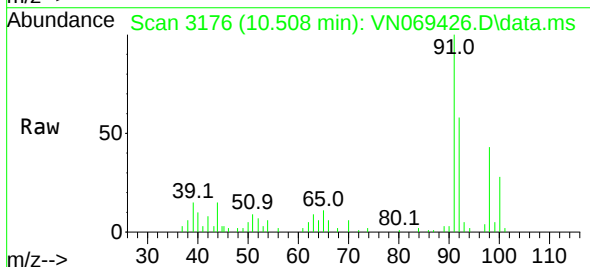
Manual Integrations
APPROVED

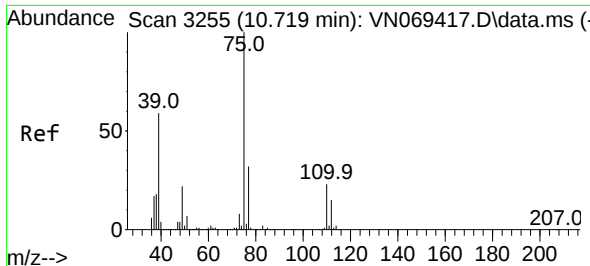
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#52
Toluene
Concen: 0.596 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

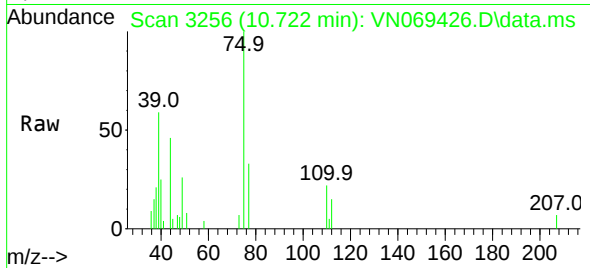
Tgt Ion: 92 Resp: 15188
Ion Ratio Lower Upper
92 100
91 178.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 3.000 ug/l
RT: 10.722 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

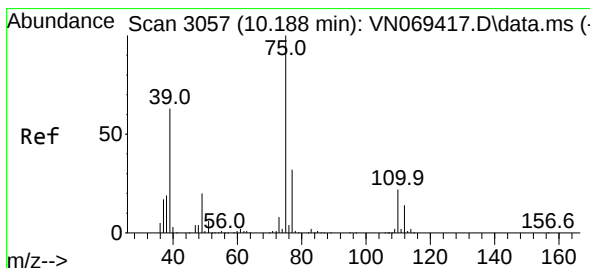
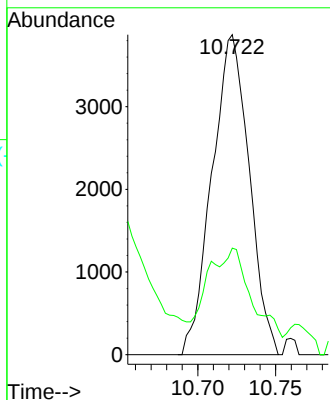
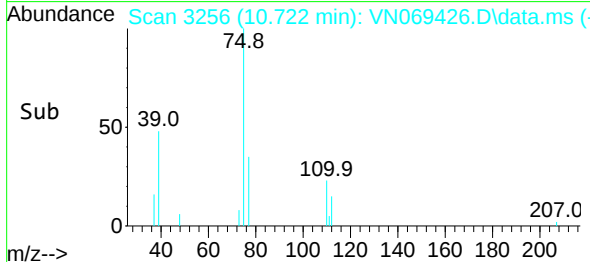
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



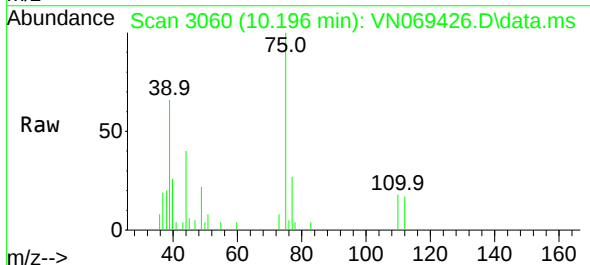
Tgt Ion: 75 Resp: 643
Ion Ratio Lower Upper
75 100
77 25.3 25.6 38.4

Manual Integrations
APPROVED

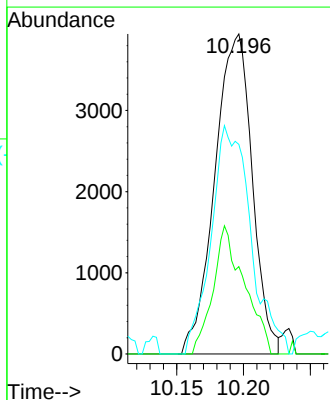
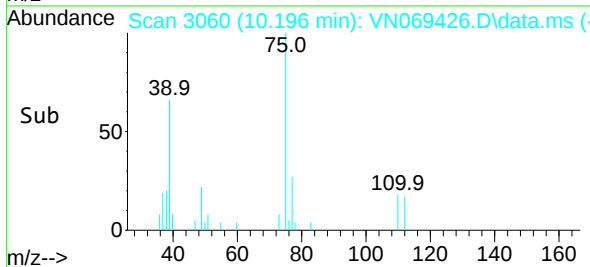
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

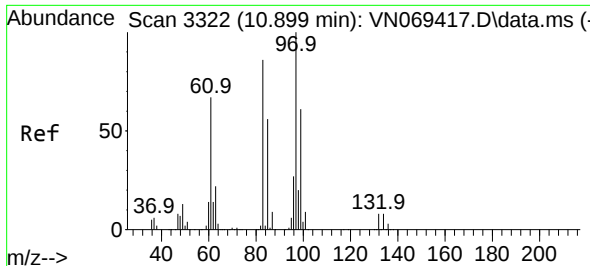


#54
cis-1,3-Dichloropropene
Concen: 2.153 ug/l
RT: 10.196 min Scan# 3060
Delta R.T. 0.008 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54



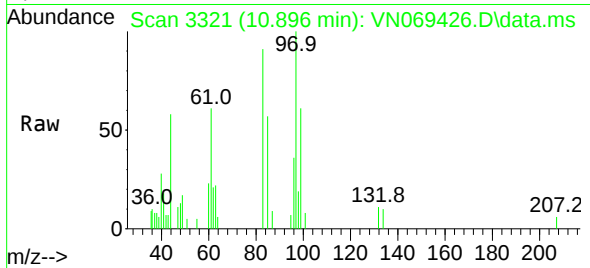
Tgt Ion: 75 Resp: 7693
Ion Ratio Lower Upper
75 100
77 27.3 26.4 39.6
39 65.5 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 0.605 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

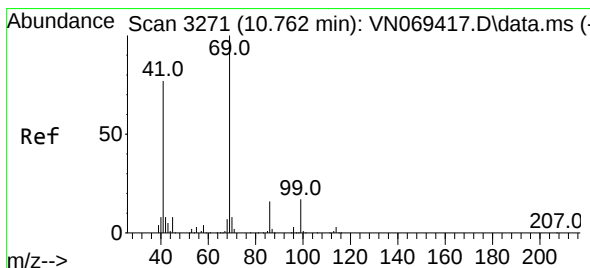
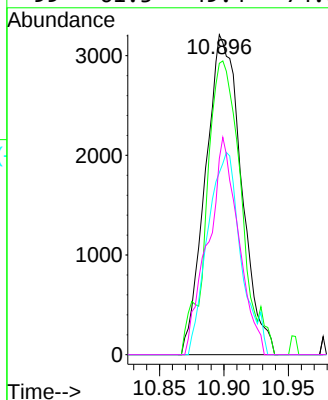
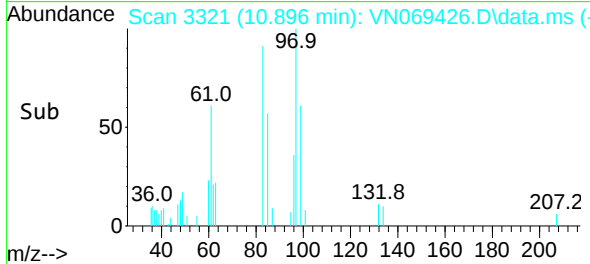
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.1	67.8	101.6
85	56.9	45.4	68.2
99	61.3	49.4	74.0

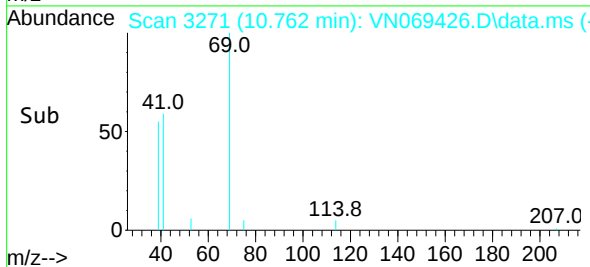
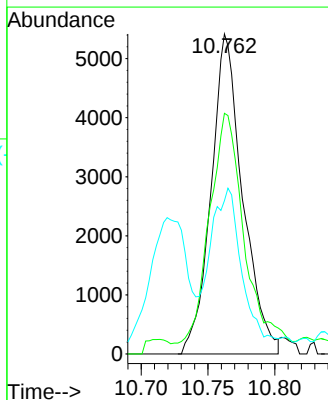
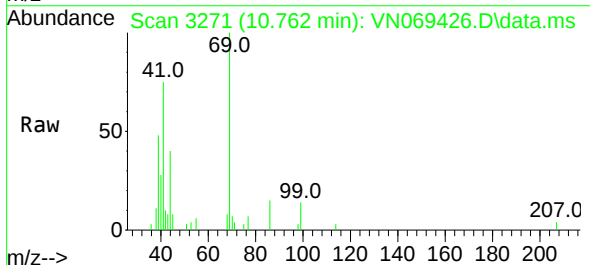
Manual Integrations
APPROVED

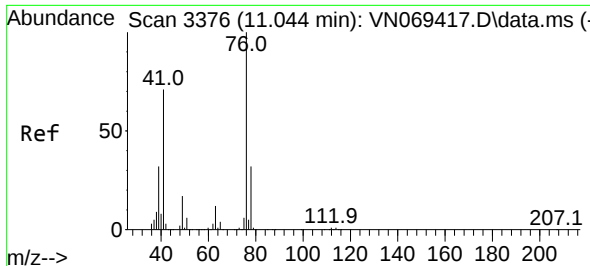
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#56
Ethyl methacrylate
Concen: 2.494 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

Tgt Ion	Ratio	Lower	Upper
69	100		
41	80.3	51.4	77.0#
39	45.9	34.6	52.0





#57

1,3-Dichloropropane

Concen: 0.607 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN069426.D

Acq: 9 Nov 2021 18:54

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 76 Resp: 10958

Ion Ratio Lower Upper

76 100

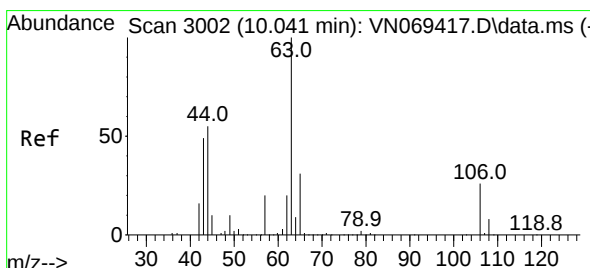
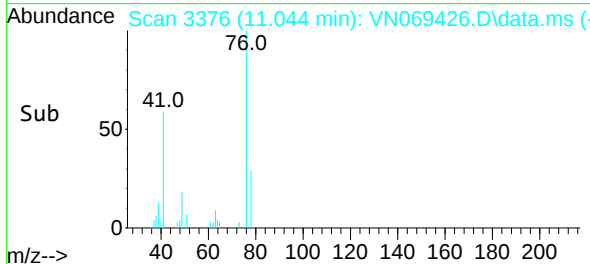
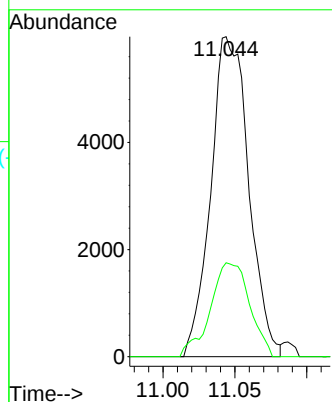
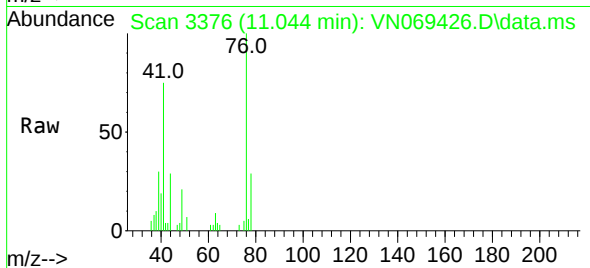
78 30.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 24.506 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN069426.D

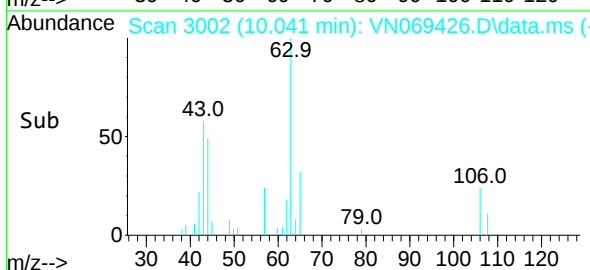
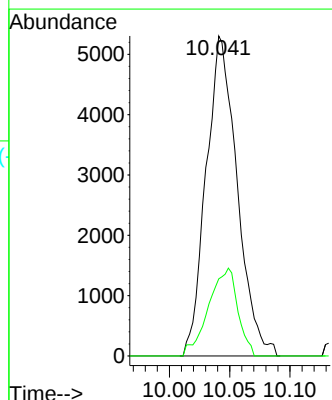
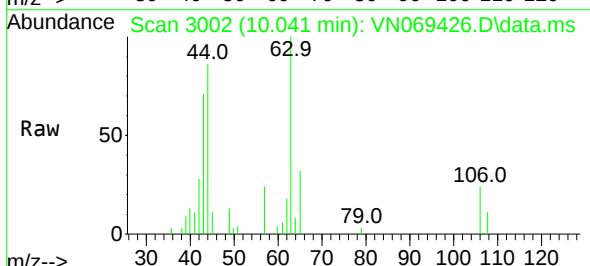
Acq: 9 Nov 2021 18:54

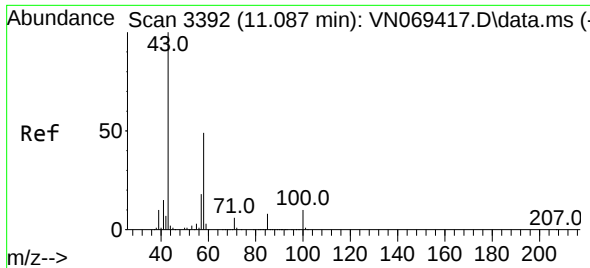
Tgt Ion: 63 Resp: 9500

Ion Ratio Lower Upper

63 100

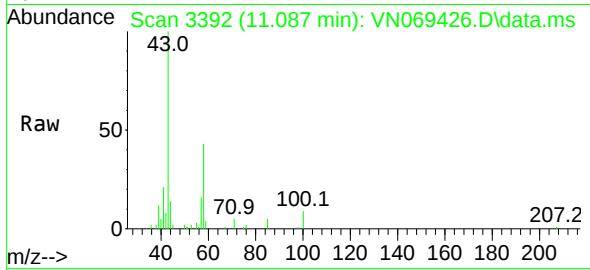
106 25.7 23.9 35.9





#59
2-Hexanone
Concen: 10.211 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

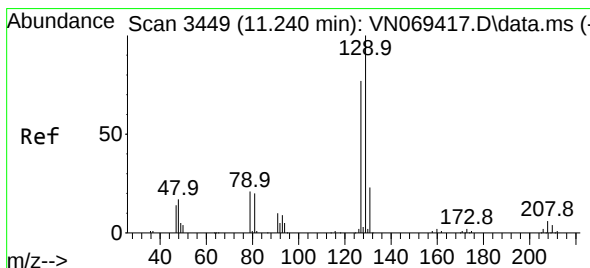
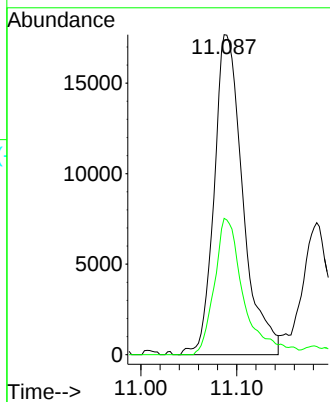
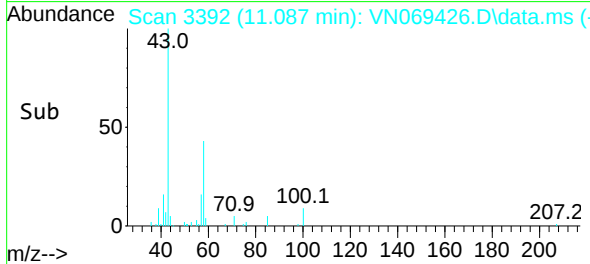
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 43 Resp: 36740
Ion Ratio Lower Upper
43 100
58 42.7 26.9 80.7

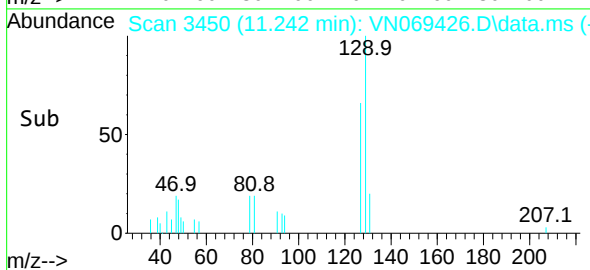
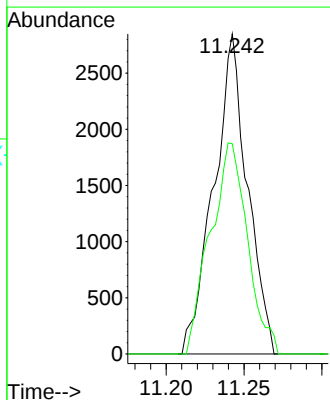
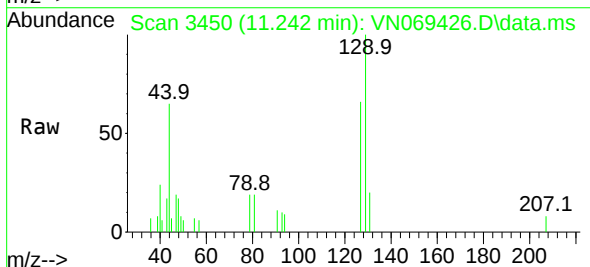
Manual Integrations
APPROVED

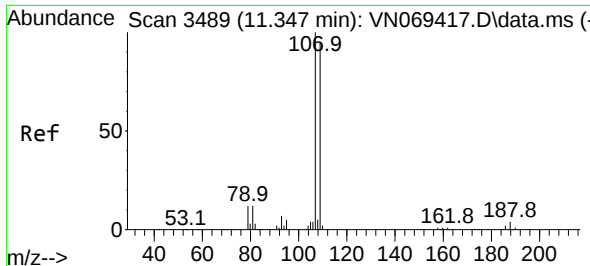
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#60
Dibromochloromethane
Concen: 2.779 ug/l
RT: 11.242 min Scan# 3450
Delta R.T. 0.002 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

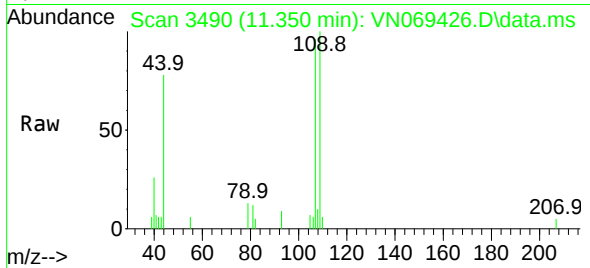
Tgt Ion:129 Resp: 4280
Ion Ratio Lower Upper
129 100
127 72.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 1.523 ug/l
RT: 11.350 min Scan# 3489
Delta R.T. 0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

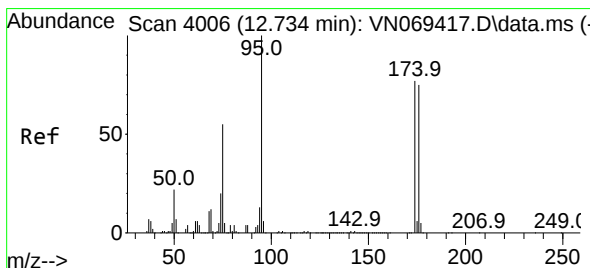
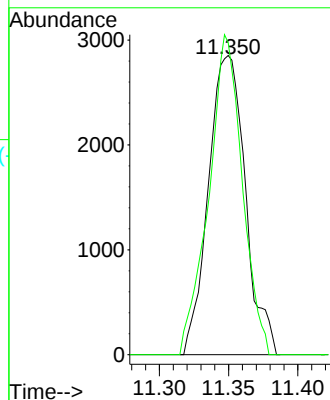
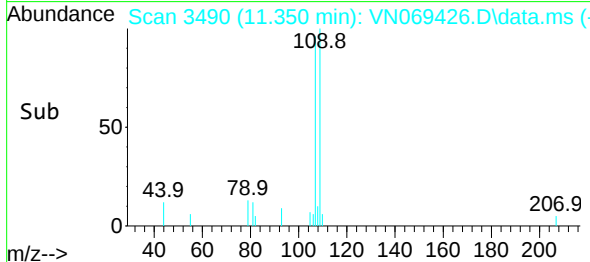
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:107 Resp: 529
Ion Ratio Lower Upper
107 100
109 96.8 75.7 113.5

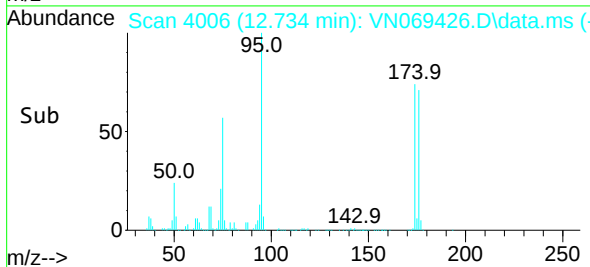
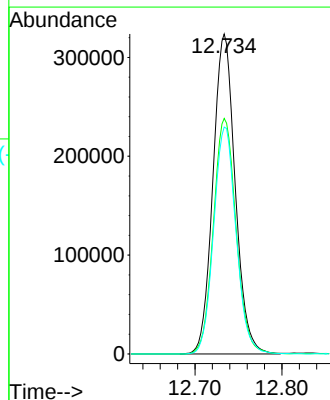
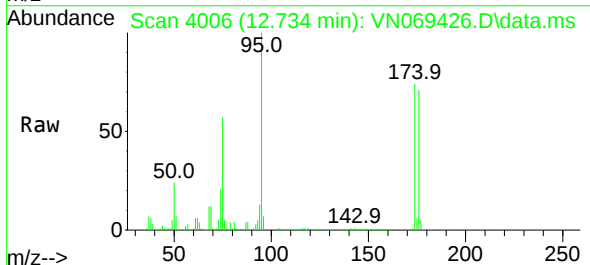
Manual Integrations
APPROVED

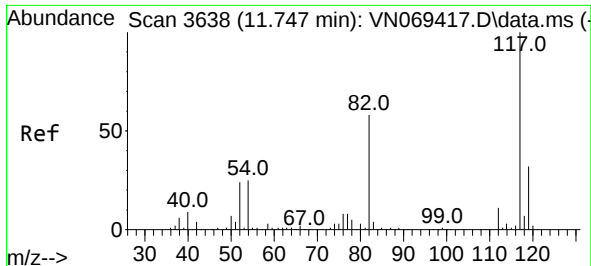
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#62
4-Bromofluorobenzene
Concen: 42.075 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

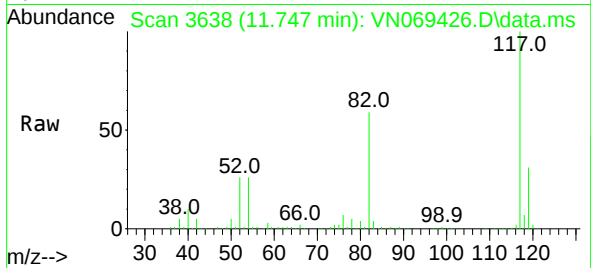
Tgt Ion: 95 Resp: 573946
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 71.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

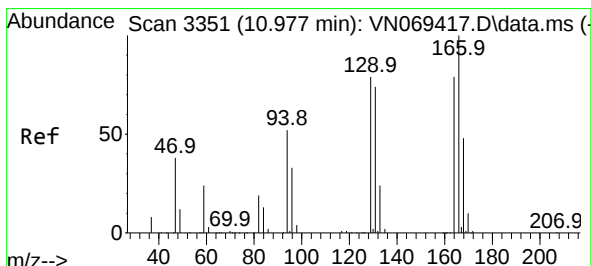
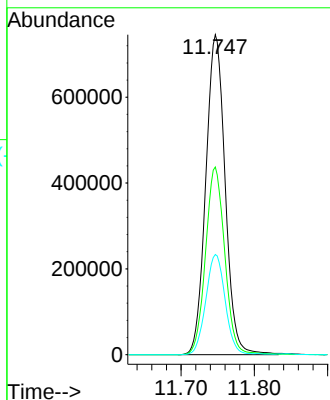
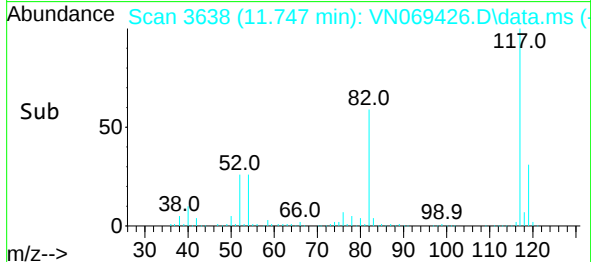
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:117 Resp: 136945
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 31.3 25.4 38.2

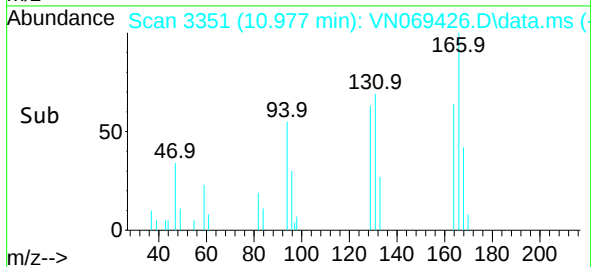
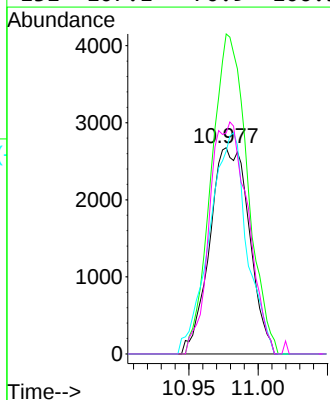
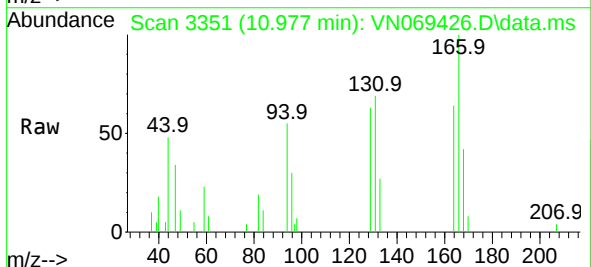
Manual Integrations
APPROVED

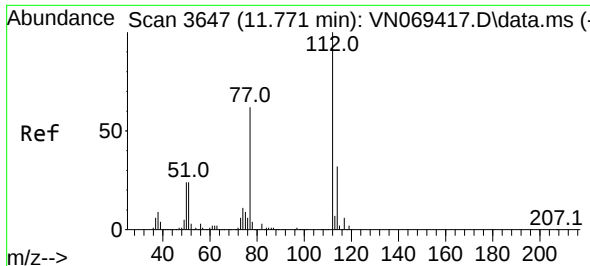
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#64
Tetrachloroethene
Concen: 0.641 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

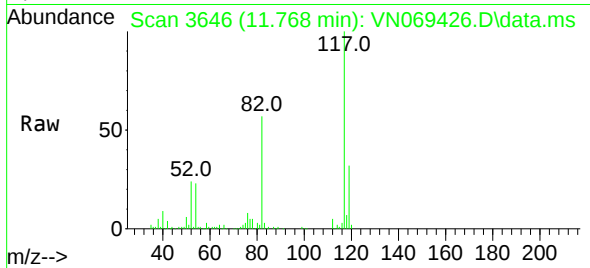
Tgt Ion:164 Resp: 5304
Ion Ratio Lower Upper
164 100
166 155.2 101.9 152.9#
129 98.3 72.0 108.0
131 107.1 70.9 106.3#





#65
Chlorobenzene
Concen: 0.606 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

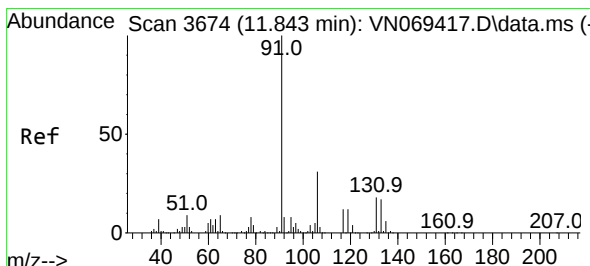
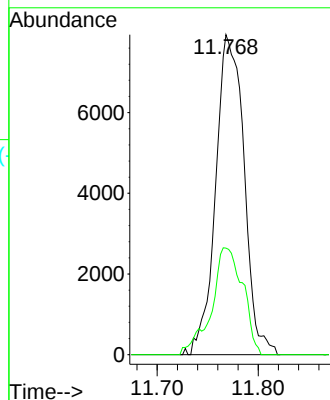
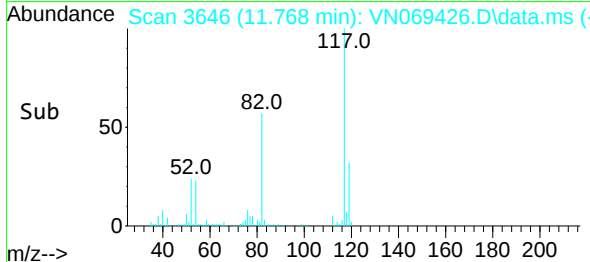
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



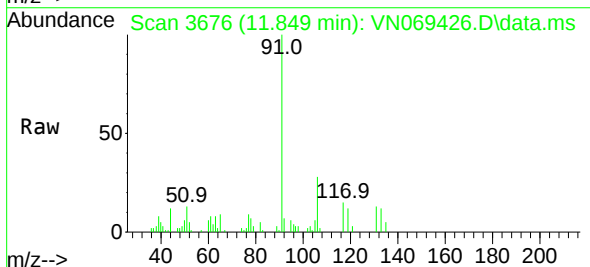
Tgt Ion:112 Resp: 15449
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.0

Manual Integrations
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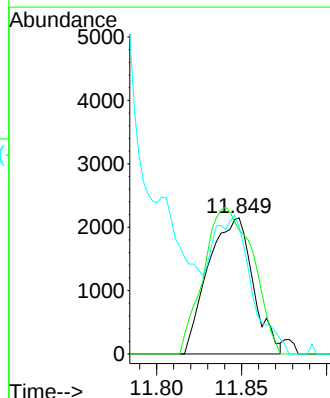
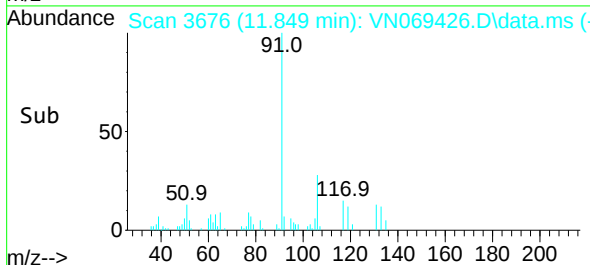
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

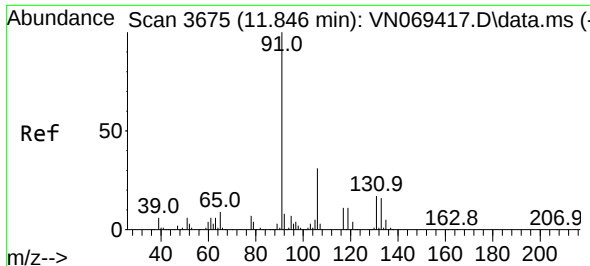


#66
1,1,1,2-Tetrachloroethane
Concen: 0.446 ug/l
RT: 11.849 min Scan# 3676
Delta R.T. 0.006 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54



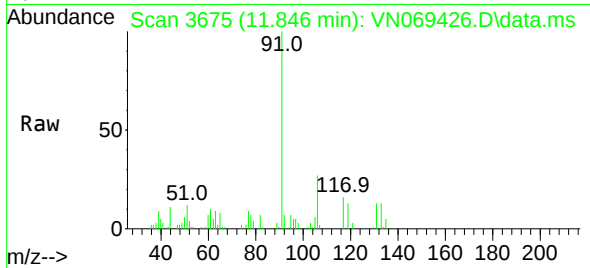
Tgt Ion:131 Resp: 3941
Ion Ratio Lower Upper
131 100
133 118.1 47.9 143.7
119 0.0 32.1 96.5#





#67
Ethyl Benzene
Concen: 0.565 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

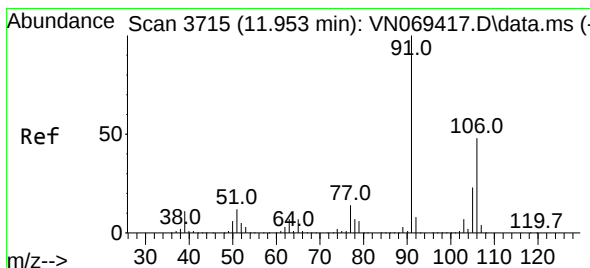
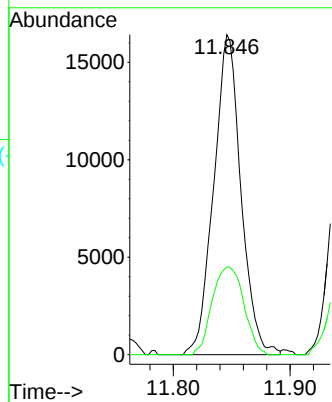
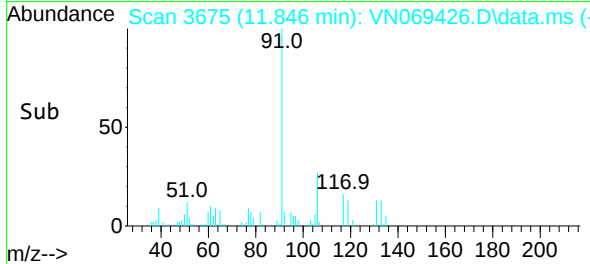
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



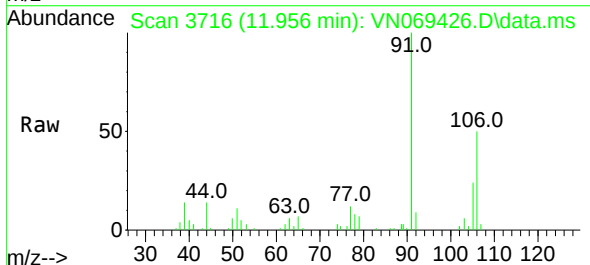
Tgt Ion: 91 Resp: 2655
Ion Ratio Lower Upper
91 100
106 27.3 25.7 38.5

Manual Integrations
APPROVED

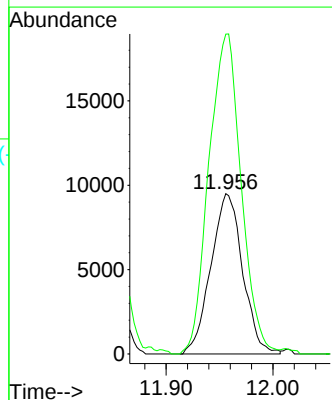
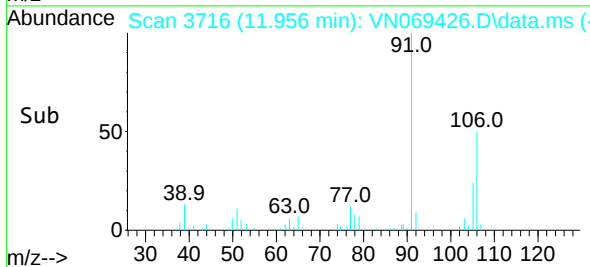
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

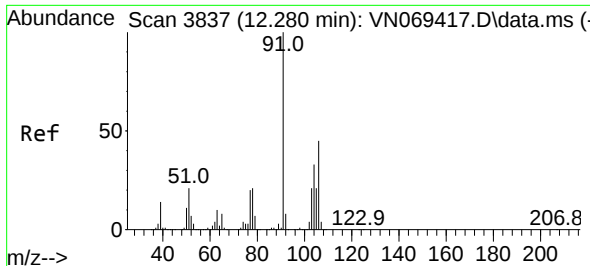


#68
m/p-Xylenes
Concen: 1.137 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54



Tgt Ion:106 Resp: 19661
Ion Ratio Lower Upper
106 100
91 202.6 160.6 240.8





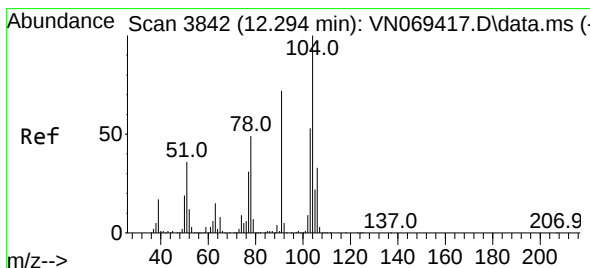
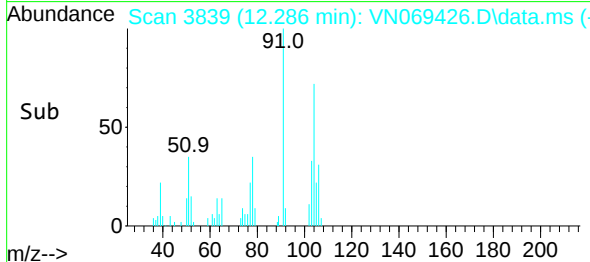
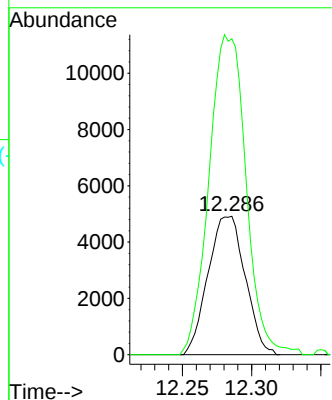
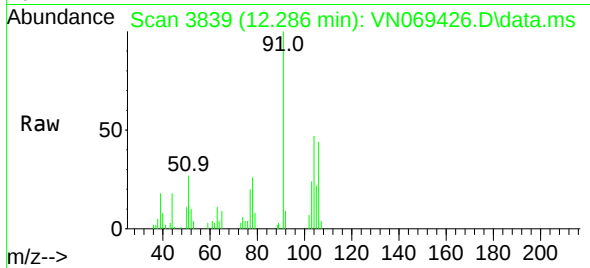
#69
o-Xylene
Concen: 0.533 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. 0.006 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion:106 Resp: 9192
Ion Ratio Lower Upper
106 100
91 229.7 105.8 317.3

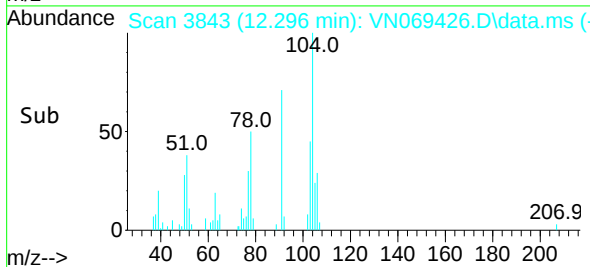
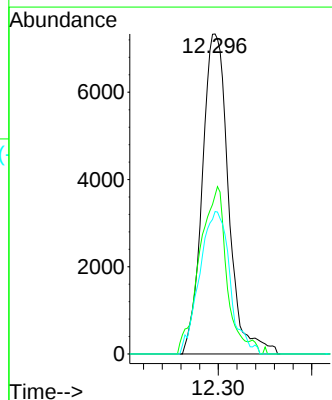
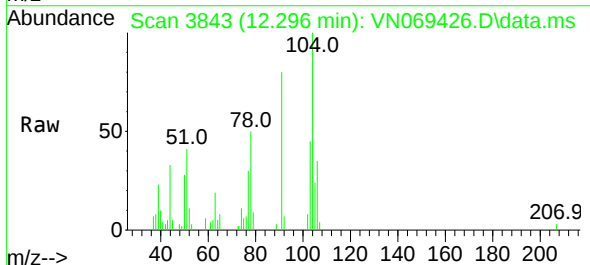
Manual Integrations
APPROVED

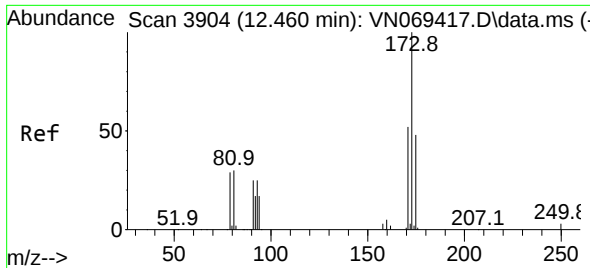
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#70
Styrene
Concen: 1.968 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

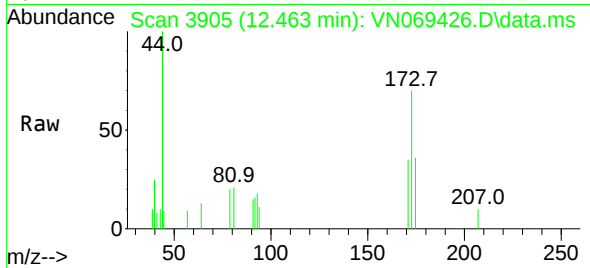
Tgt Ion:104 Resp: 14283
Ion Ratio Lower Upper
104 100
78 53.3 38.7 58.1
103 51.4 45.0 67.6





#71
Bromoform
Concen: 3.729 ug/l
RT: 12.463 min Scan# 3904
Delta R.T. 0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

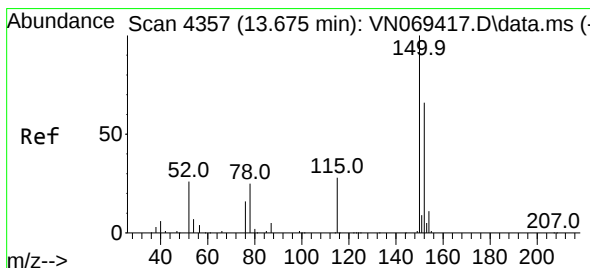
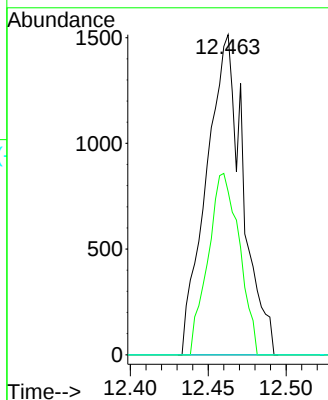
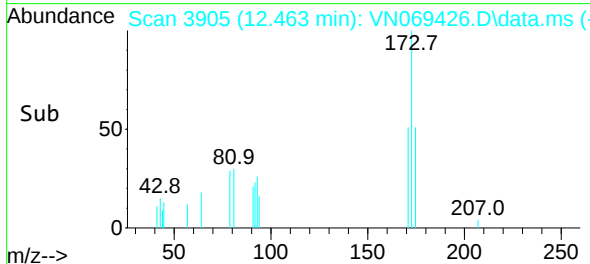
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



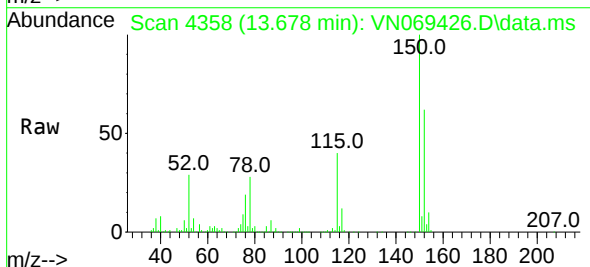
Tgt Ion:173 Resp: 2480
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

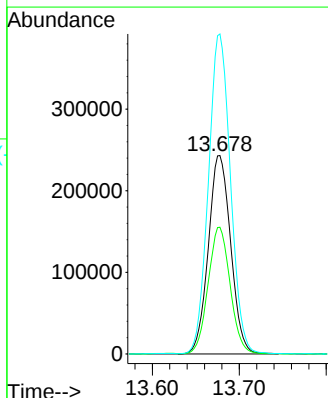
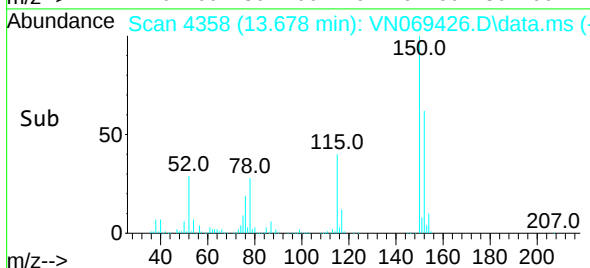
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

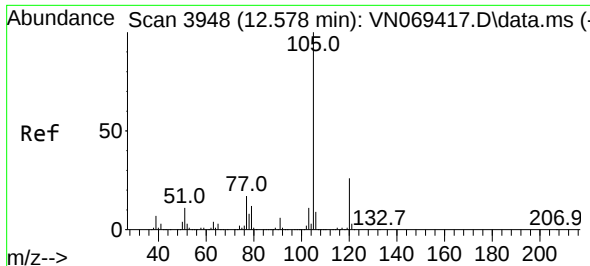


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54



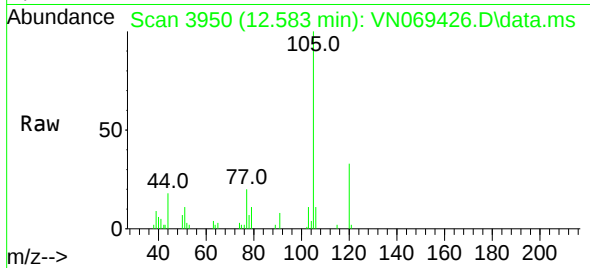
Tgt Ion:152 Resp: 435301
Ion Ratio Lower Upper
152 100
115 62.4 27.5 82.5
150 158.4 0.0 344.4





#73
Isopropylbenzene
Concen: 0.638 ug/l
RT: 12.583 min Scan# 3948
Delta R.T. 0.005 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

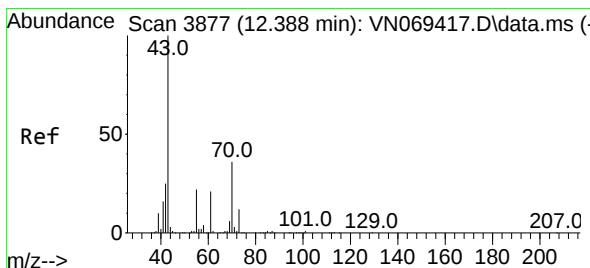
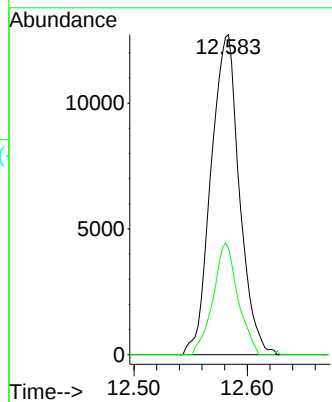
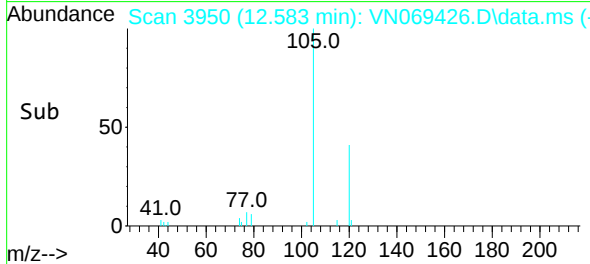
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:105 Resp: 22129
Ion Ratio Lower Upper
105 100
120 30.5 13.4 40.1

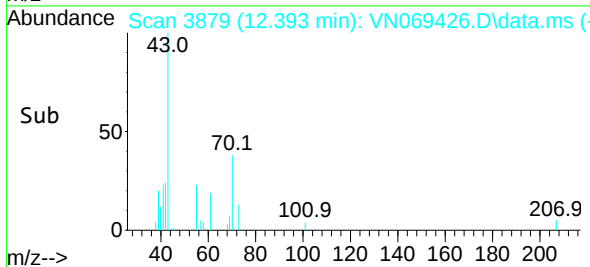
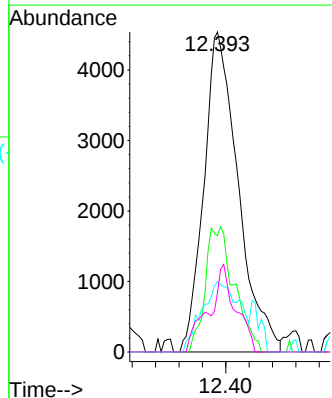
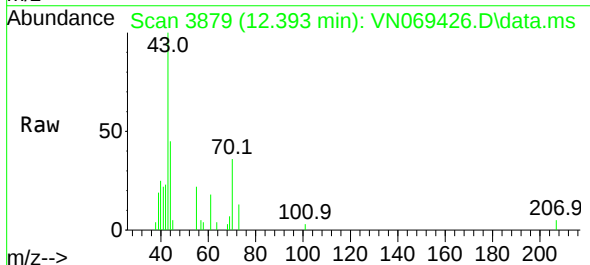
Manual Integrations
APPROVED

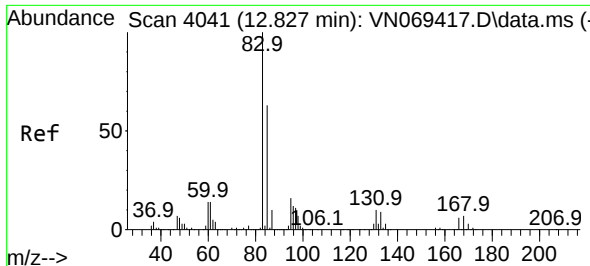
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#74
N-ethyl acetate
Concen: 0.630 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.005 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

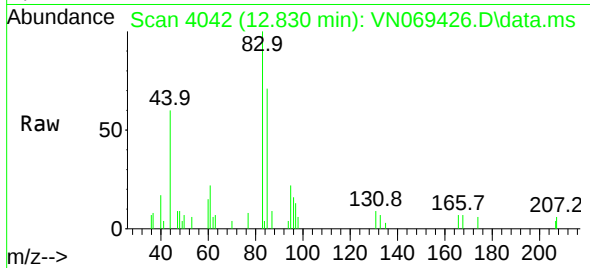
Tgt Ion: 43 Resp: 9253
Ion Ratio Lower Upper
43 100
70 33.1 33.4 50.0#
55 23.8 19.3 28.9
61 15.2 18.5 27.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.732 ug/l
RT: 12.830 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

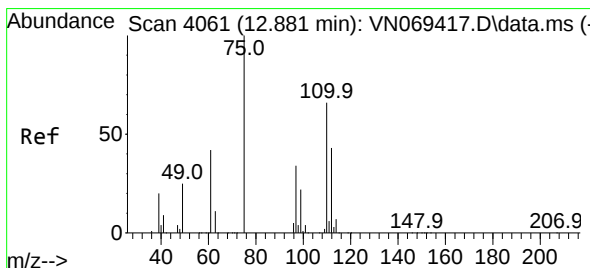
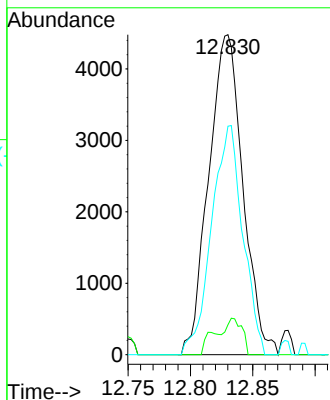
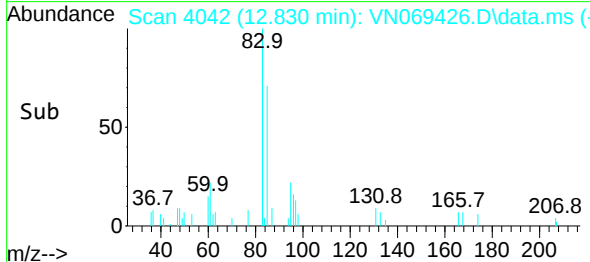
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



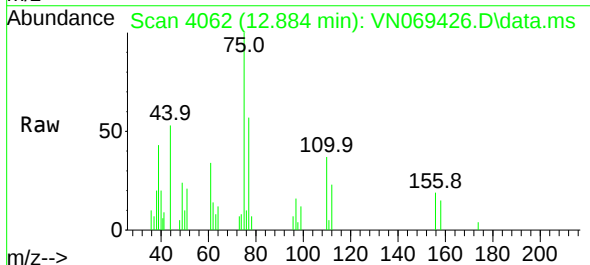
Tgt Ion: 83 Resp: 8550
Ion Ratio Lower Upper
83 100
131 5.4 5.5 16.5
85 65.2 32.4 97.2

Manual Integrations
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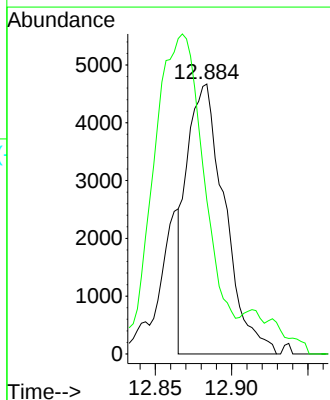
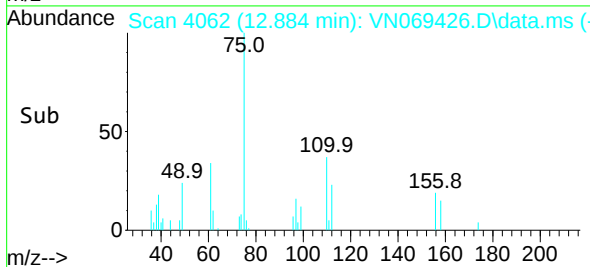
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#76
1,2,3-Trichloropropane
Concen: 0.804 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54



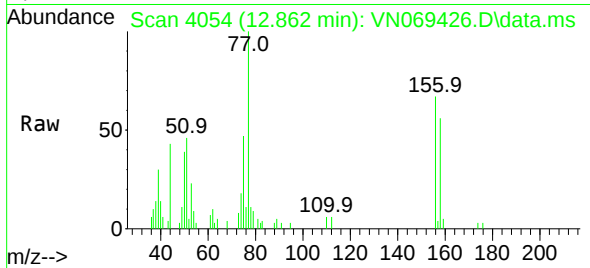
Tgt Ion: 75 Resp: 8079
Ion Ratio Lower Upper
75 100
77 159.2 82.6 247.8





#77
Bromobenzene
Concen: 0.740 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

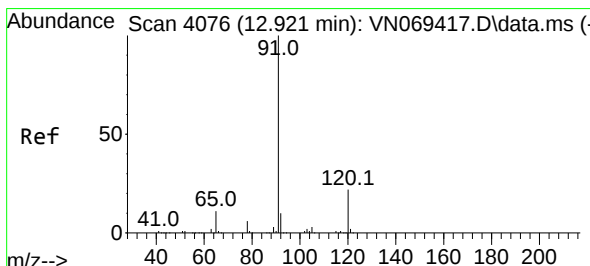
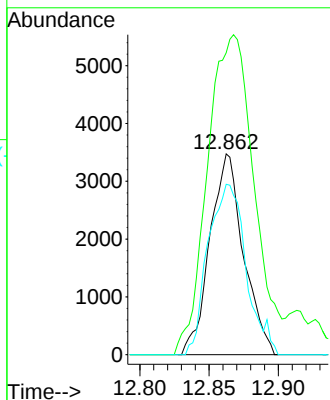
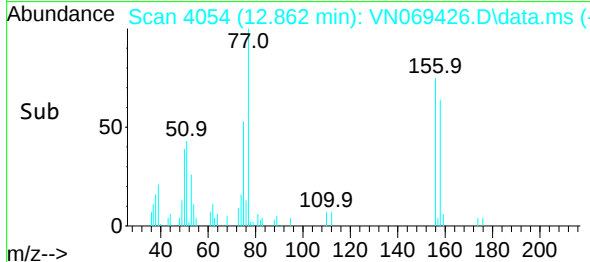
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:156 Resp: 586
Ion Ratio Lower Upper
156 100
77 219.4 90.6 271.8
158 95.7 48.9 146.7

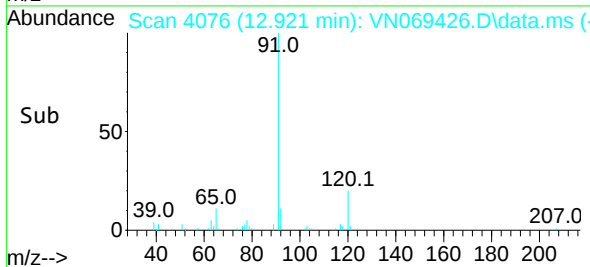
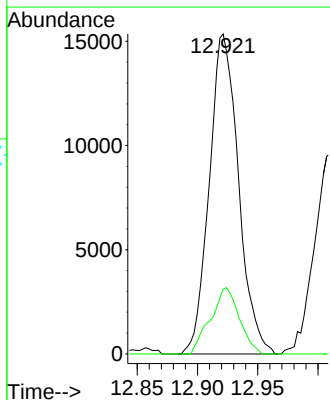
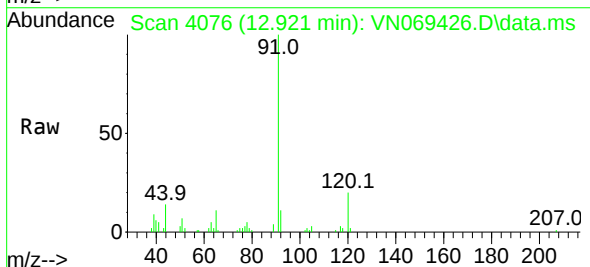
Manual Integrations
APPROVED

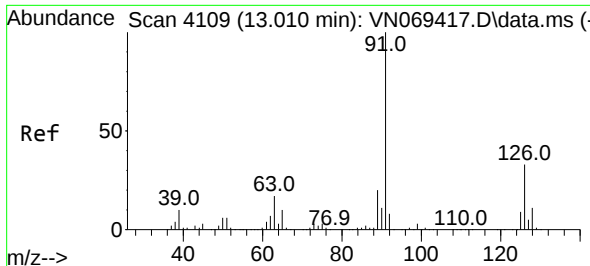
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#78
n-propylbenzene
Concen: 0.663 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

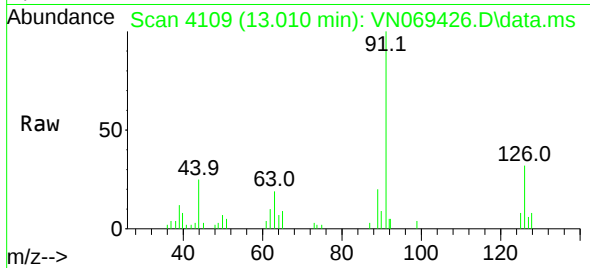
Tgt Ion: 91 Resp: 25852
Ion Ratio Lower Upper
91 100
120 20.4 11.9 35.9





#79
2-Chlorotoluene
Concen: 0.702 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

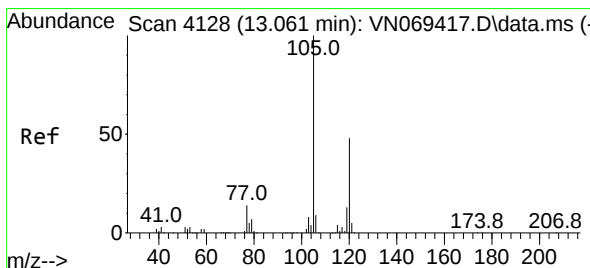
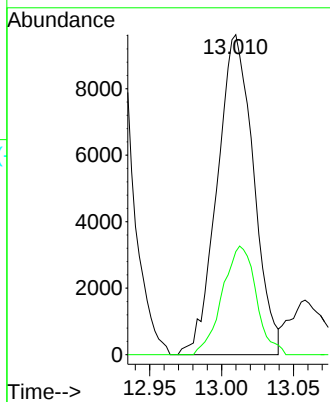
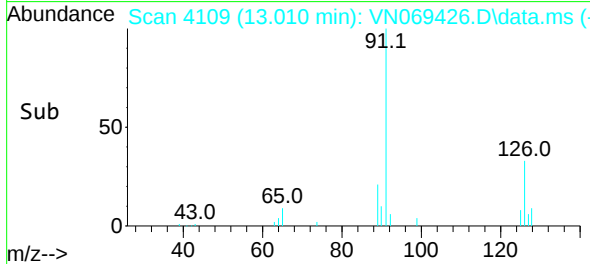
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



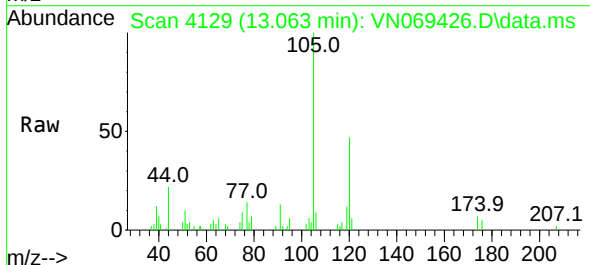
Tgt Ion: 91 Resp: 16958
Ion Ratio Lower Upper
91 100
126 31.6 18.3 54.8

Manual Integrations
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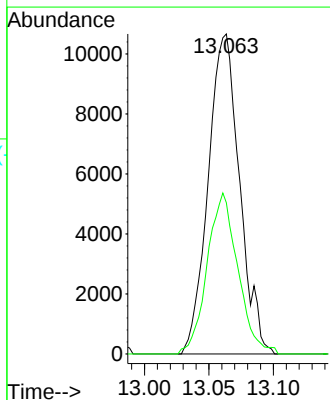
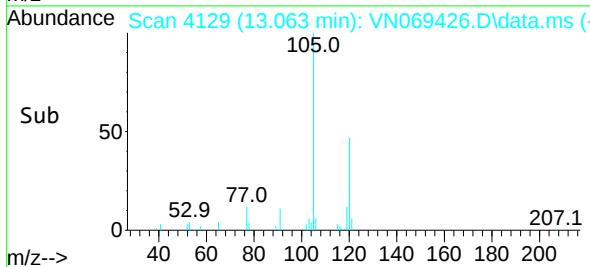
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

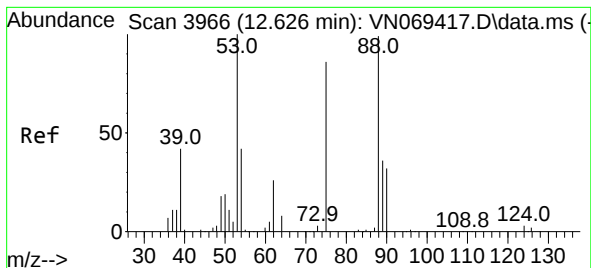


#80
1,3,5-Trimethylbenzene
Concen: 0.647 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.002 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54



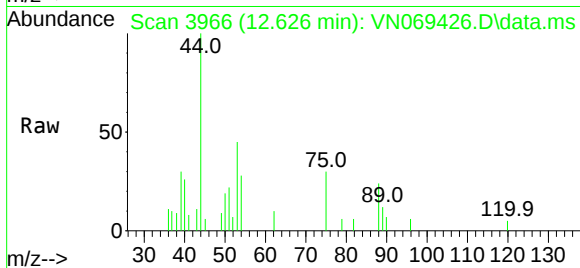
Tgt Ion:105 Resp: 18131
Ion Ratio Lower Upper
105 100
120 49.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 6.170 ug/l m
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

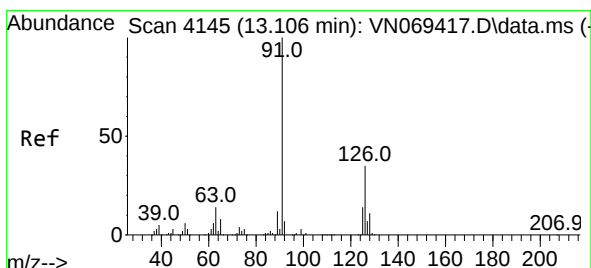
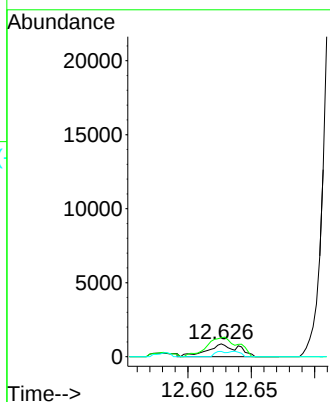
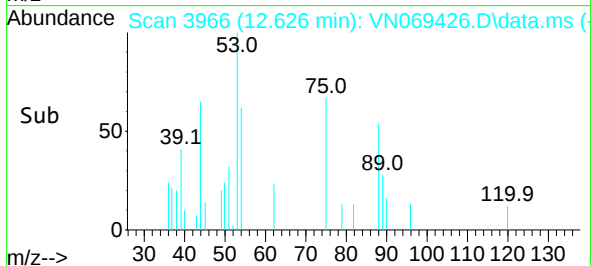
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 75 Resp: 1460
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 7.7 38.2 57.4

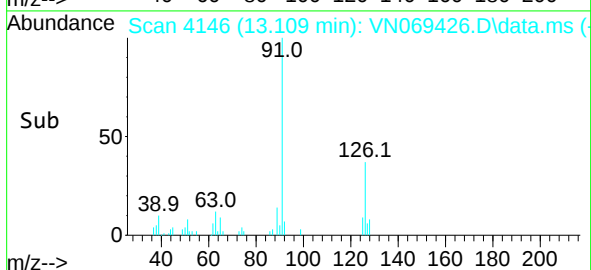
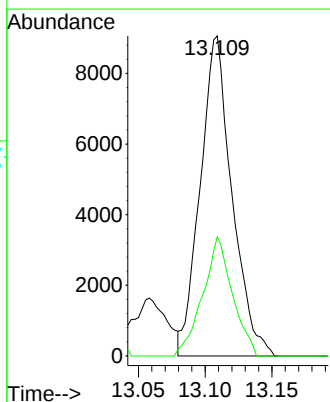
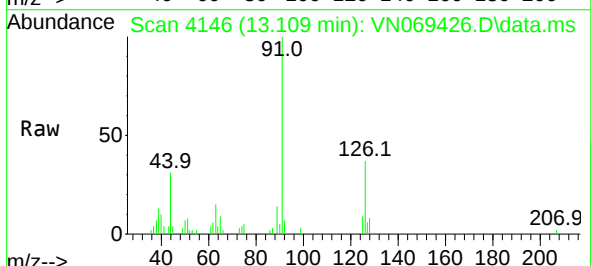
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#82
4-Chlorotoluene
Concen: 0.650 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

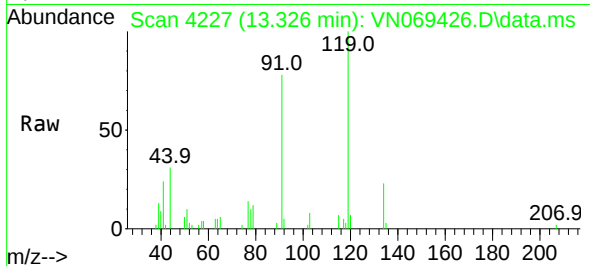
Tgt Ion: 91 Resp: 14961
Ion Ratio Lower Upper
91 100
126 34.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 0.648 ug/l
RT: 13.326 min Scan# 4226
Delta R.T. 0.002 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

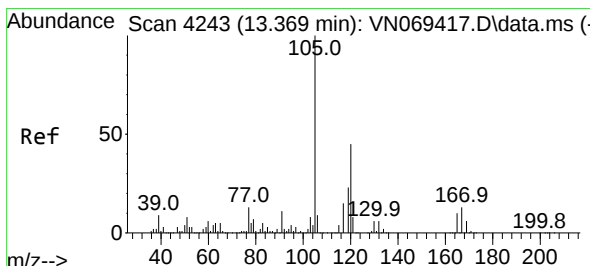
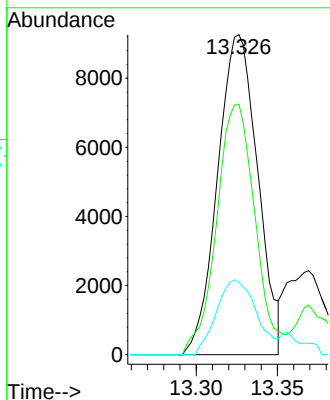
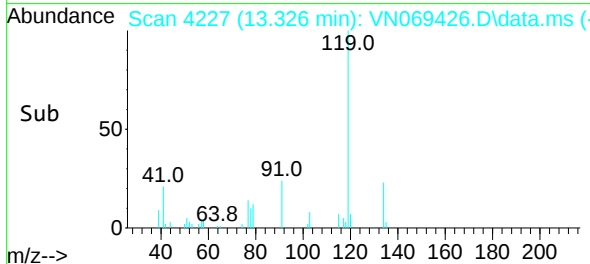
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:119 Resp: 15904
Ion Ratio Lower Upper
119 100
91 75.2 31.5 94.5
134 23.5 12.4 37.4

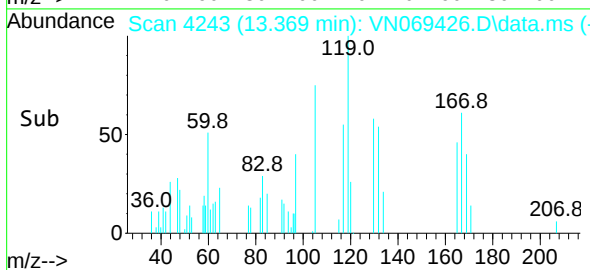
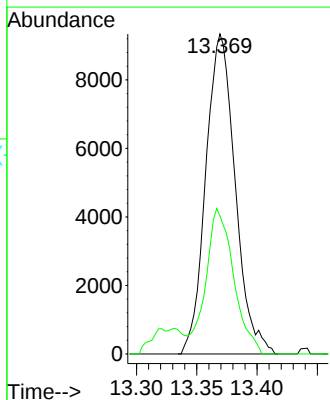
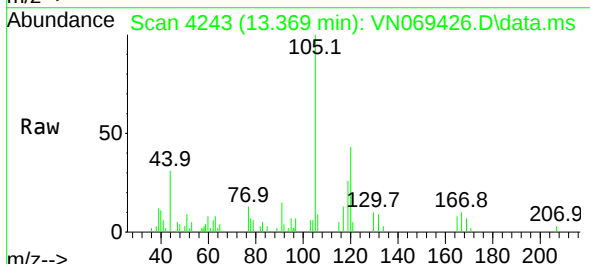
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#84
1,2,4-Trimethylbenzene
Concen: 0.585 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

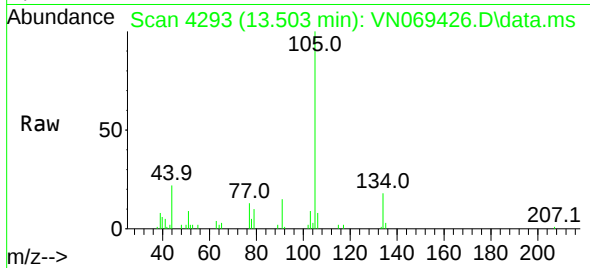
Tgt Ion:105 Resp: 15831
Ion Ratio Lower Upper
105 100
120 43.0 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 0.625 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069426.D
 Acq: 9 Nov 2021 18:54

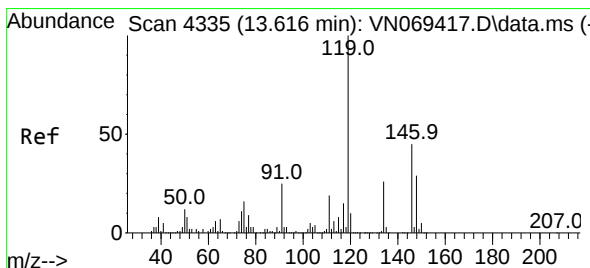
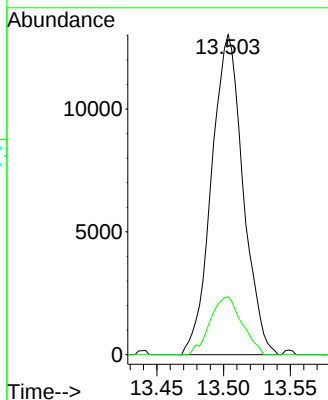
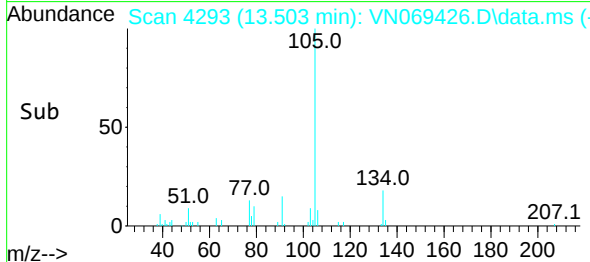
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021



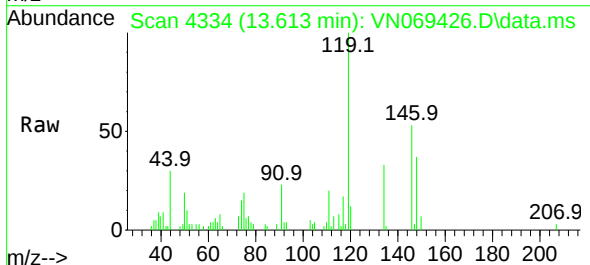
Tgt Ion:105 Resp: 21436
 Ion Ratio Lower Upper
 105 100
 134 18.2 10.4 31.1

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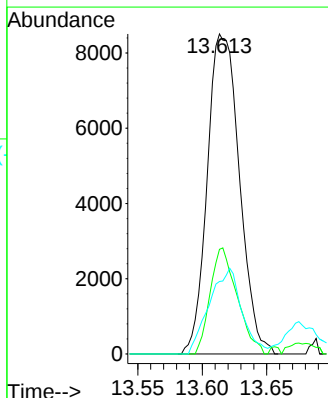
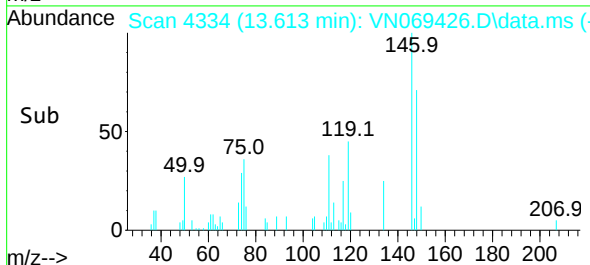
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021

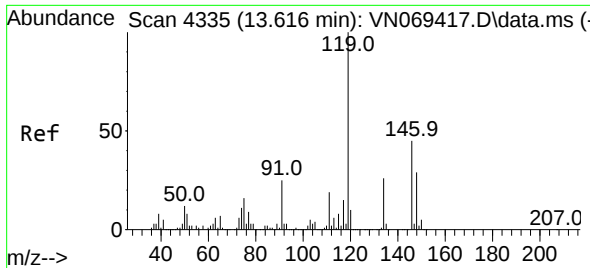


#86
 p-Isopropyltoluene
 Concen: 0.542 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.003 min
 Lab File: VN069426.D
 Acq: 9 Nov 2021 18:54



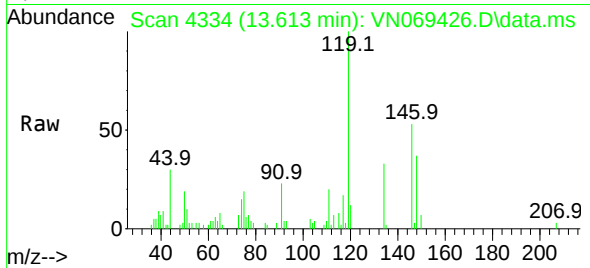
Tgt Ion:119 Resp: 14748
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.6 40.7
 91 27.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 0.639 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. -0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

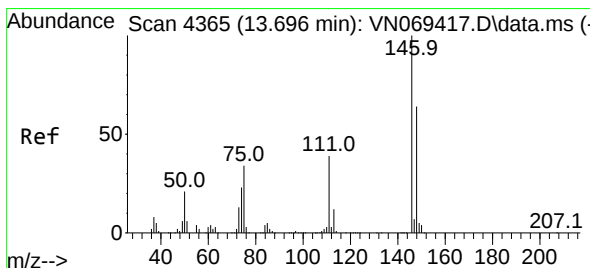
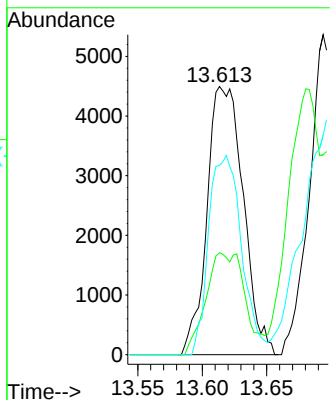
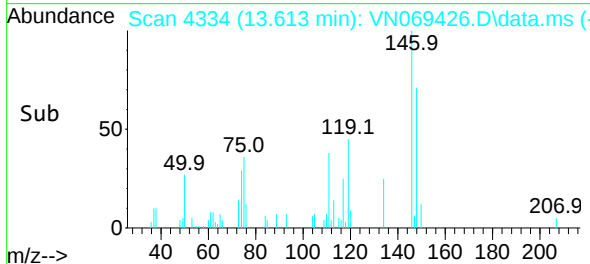
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion:146 Resp: 8770
Ion Ratio Lower Upper
146 100
111 25.2 18.6 55.6
148 67.6 31.6 95.0

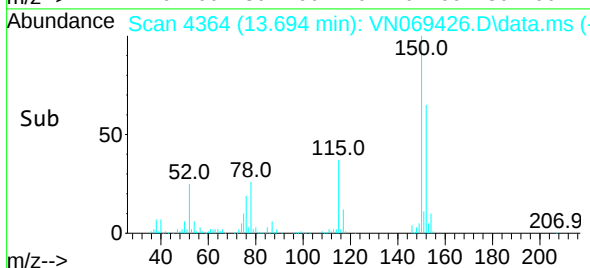
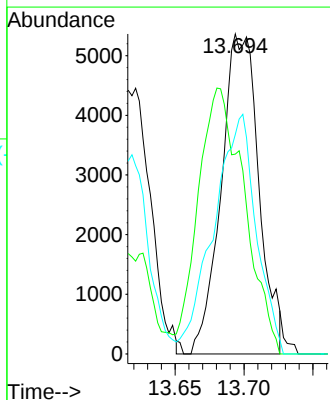
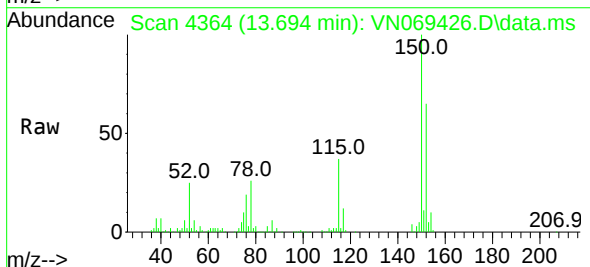
Manual Integrations
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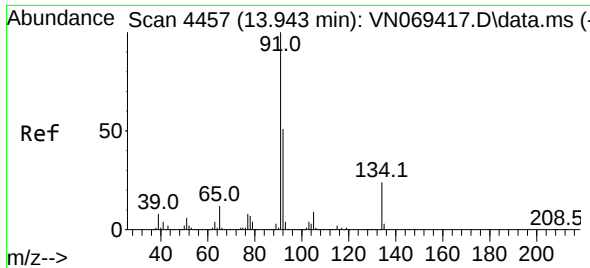
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#88
1,4-Dichlorobenzene
Concen: 0.757 ug/l m
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

Tgt Ion:146 Resp: 10205
Ion Ratio Lower Upper
146 100
111 21.7 18.3 54.8
148 58.2 31.8 95.4





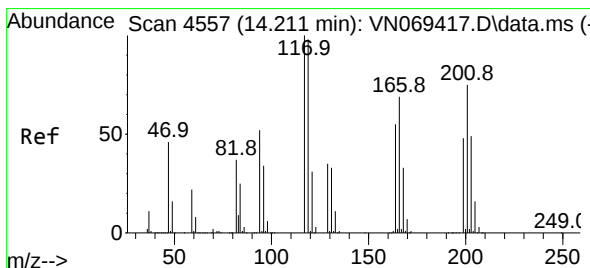
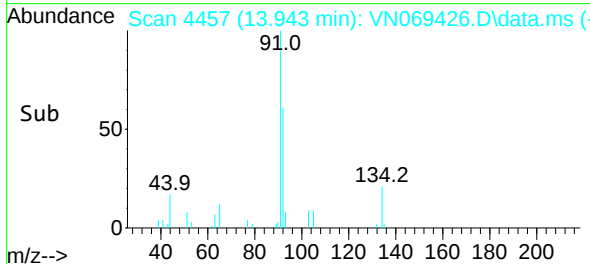
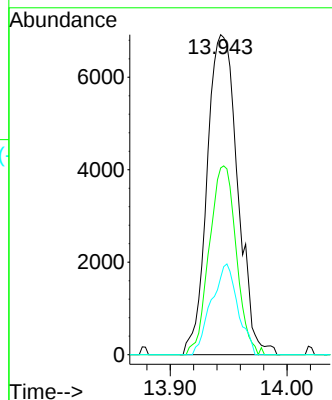
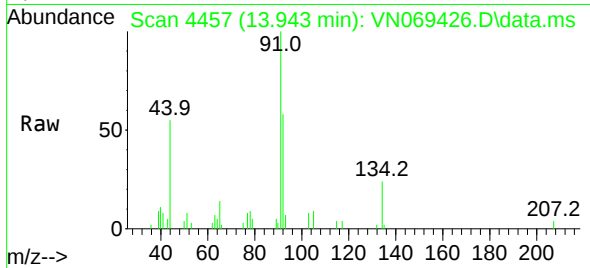
#89
n-Butylbenzene
Concen: 0.555 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 91 Resp: 12599
Ion Ratio Lower Upper
91 100
92 51.9 25.4 76.0
134 24.4 13.6 40.8

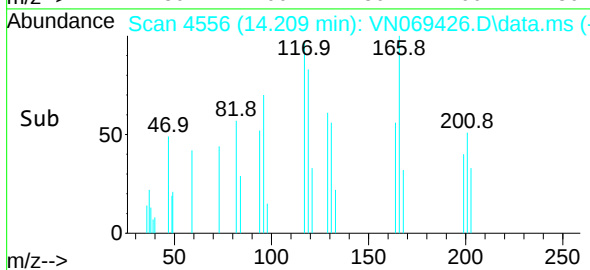
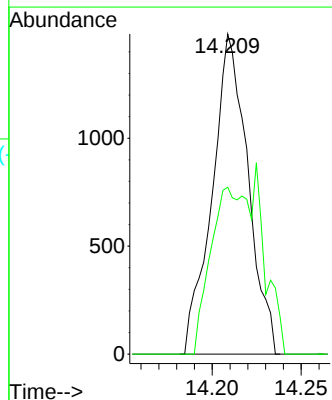
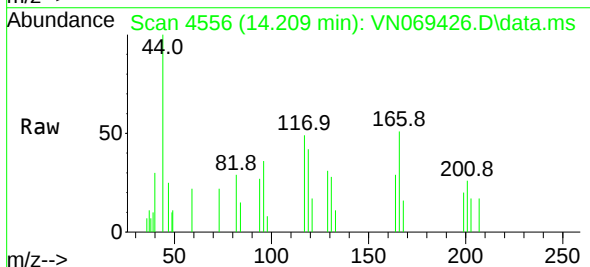
Manual Integrations
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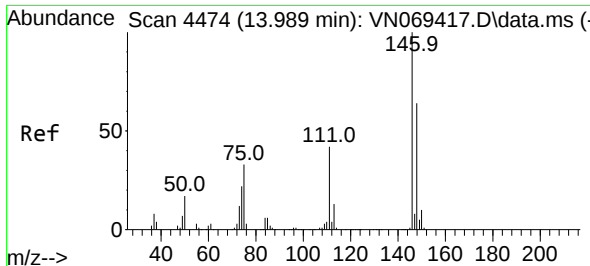
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#90
Hexachloroethane
Concen: 2.558 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.002 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

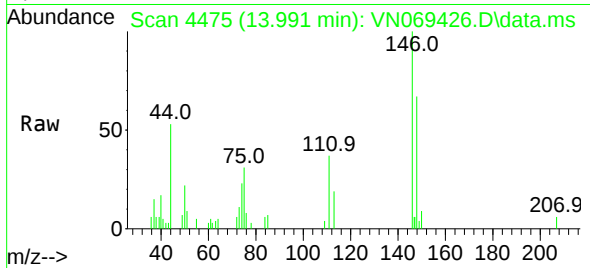
Tgt Ion:117 Resp: 2069
Ion Ratio Lower Upper
117 100
201 75.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 0.666 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.002 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

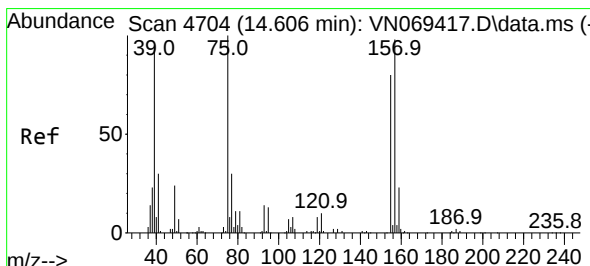
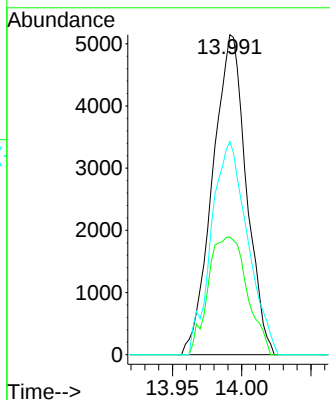
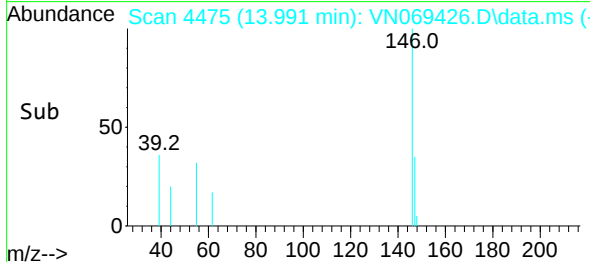
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:146 Resp: 871
Ion Ratio Lower Upper
146 100
111 42.5 19.1 57.3
148 71.6 32.1 96.3

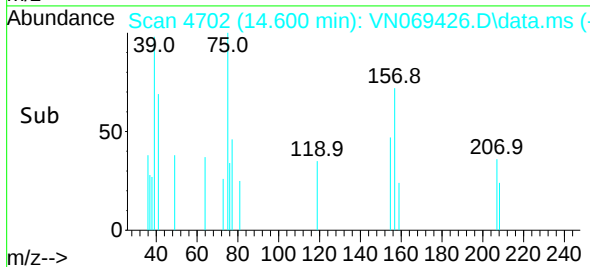
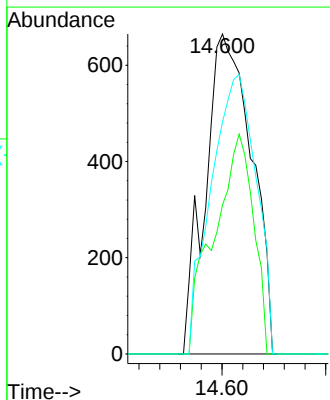
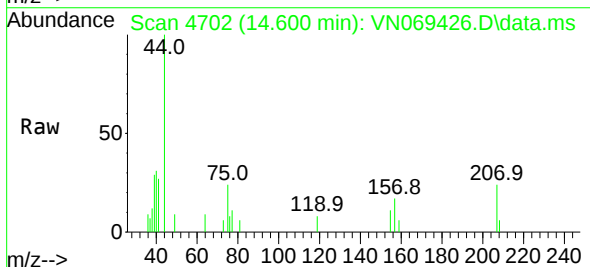
Manual Integrations
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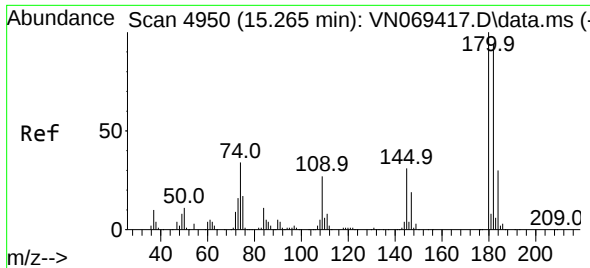
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.256 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. -0.006 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

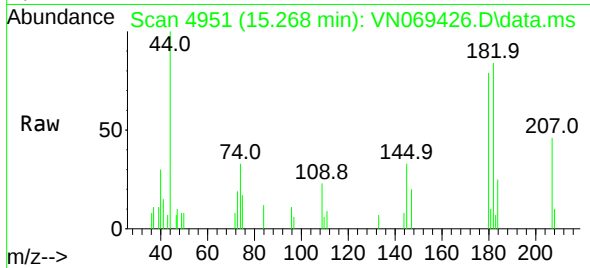
Tgt Ion: 75 Resp: 1035
Ion Ratio Lower Upper
75 100
155 58.3 46.9 140.7
157 84.8 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 3.656 ug/l
RT: 15.268 min Scan# 4950
Delta R.T. 0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

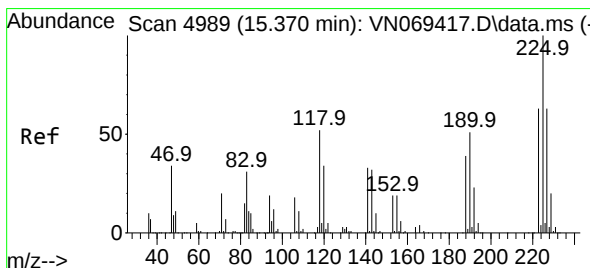
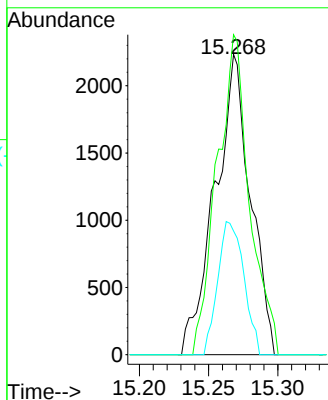
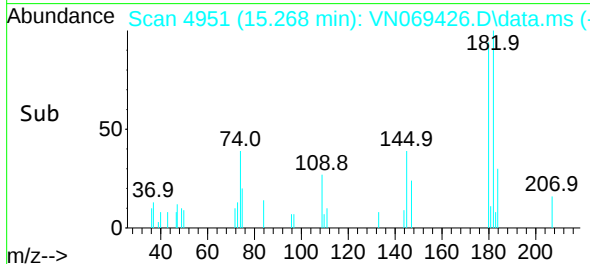
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:180 Resp: 396
Ion Ratio Lower Upper
180 100
182 97.7 48.3 144.9
145 32.6 14.5 43.5

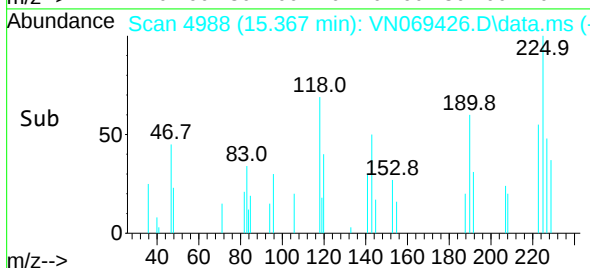
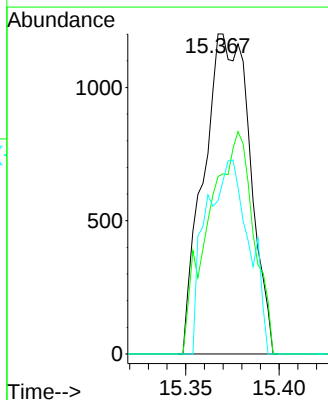
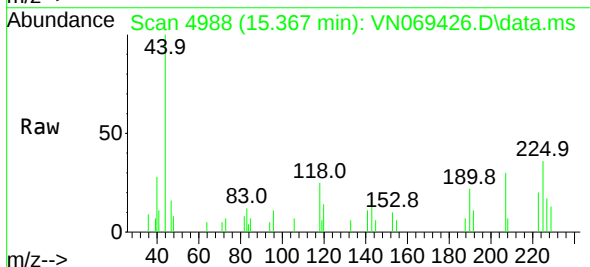
Manual Integrations
APPROVED

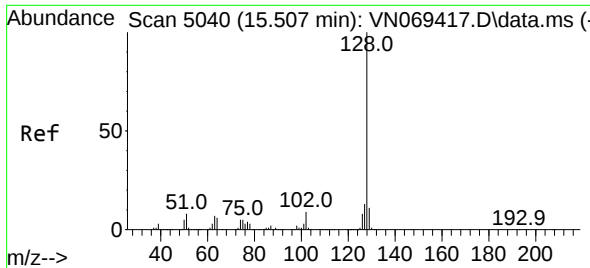
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#94
Hexachlorobutadiene
Concen: 0.607 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

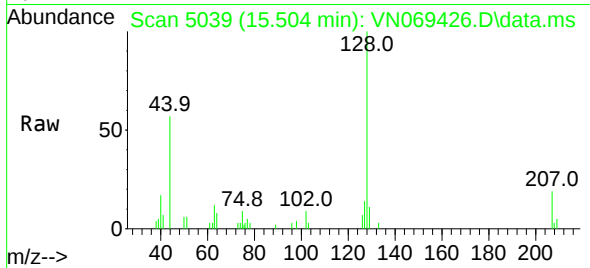
Tgt Ion:225 Resp: 2064
Ion Ratio Lower Upper
225 100
223 67.7 31.9 95.7
227 56.4 32.1 96.3





#95
Naphthalene
Concen: 5.073 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54

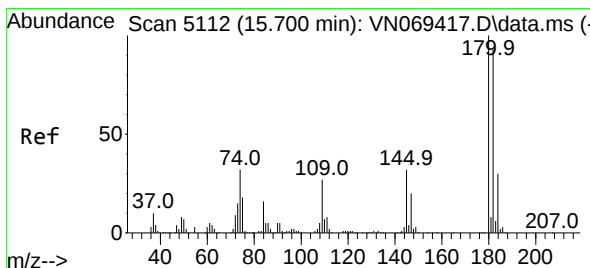
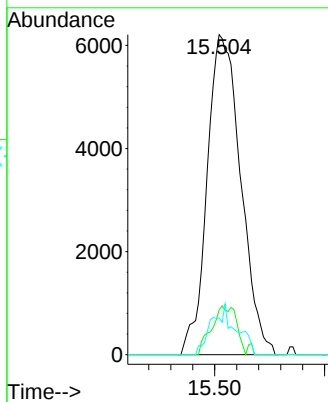
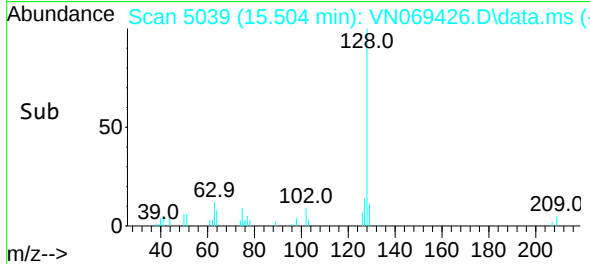
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



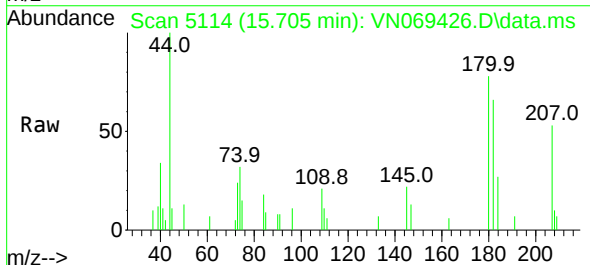
Tgt Ion:128 Resp: 1318
Ion Ratio Lower Upper
128 100
127 11.2 10.5 15.7
129 3.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#96
1,2,3-Trichlorobenzene
Concen: 3.791 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.005 min
Lab File: VN069426.D
Acq: 9 Nov 2021 18:54



Tgt Ion:180 Resp: 4351
Ion Ratio Lower Upper
180 100
182 88.2 47.4 142.2
145 21.0 15.0 45.1

