

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110921\
 Data File : VN069424.D
 Acq On : 9 Nov 2021 18:02
 Operator : JC/MD
 Sample : M4068-07 .2PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Nov 10 17:40:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 17:40:16 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	1121396	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	1982458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1715434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	559822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	947951	58.301	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	116.600%	
35) Dibromofluoromethane	8.024	113	626791	52.716	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	105.440%	
50) Toluene-d8	10.443	98	2463714	52.685	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	105.380%	
62) 4-Bromofluorobenzene	12.733	95	723690	42.127	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	84.260%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	1623	0.135	ug/l	100
3) Chloromethane	2.306	50	5269	0.379	ug/l	94
4) Vinyl Chloride	2.448	62	2713	0.195	ug/l	100
5) Bromomethane	2.861	94	5004	0.554	ug/l	# 75
6) Chloroethane	3.022	64	1068	0.114	ug/l	# 85
7) Trichlorofluoromethane	3.376	101	3800	0.177	ug/l	# 83
8) Diethyl Ether	3.639	74	96	0.014	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.205	101	366	0.036	ug/l	# 44
10) Methyl Iodide	4.419	142	3445m	0.277	ug/l	
11) Tert butyl alcohol	5.393	59	3531m	1.205	ug/l	
12) 1,1-Dichloroethene	4.178	96	727	0.080	ug/l	# 92
14) Allyl chloride	4.840	41	703	0.035	ug/l	# 2
15) Acrylonitrile	5.575	53	6572m	0.876	ug/l	
16) Acetone	4.296	43	13316	1.518	ug/l	# 88
17) Carbon Disulfide	4.524	76	5261	0.245	ug/l	98
18) Methyl Acetate	4.865	43	10127	0.355	ug/l	# 65
19) Methyl tert-butyl Ether	5.624	73	4945	0.129	ug/l	# 82
20) Methylene Chloride	5.098	84	7402	0.595	ug/l	# 86
21) trans-1,2-Dichloroethene	5.589	96	94	0.009	ug/l	# 49
22) Diisopropyl ether	6.495	45	5077	0.117	ug/l	# 79
23) Vinyl Acetate	6.442	43	23965m	0.716	ug/l	
24) 1,1-Dichloroethane	6.385	63	2080	0.094	ug/l	# 83
25) 2-Butanone	7.348	43	15008m	1.263	ug/l	
26) 2,2-Dichloropropane	7.321	77	1984	0.115	ug/l	# 55
27) cis-1,2-Dichloroethene	7.319	96	593	0.047	ug/l	# 1
28) Bromochloromethane	7.662	49	837	0.074	ug/l	# 96
29) Tetrahydrofuran	7.691	42	7783m	1.068	ug/l	
30) Chloroform	7.825	83	4095	0.181	ug/l	94
31) Cyclohexane	8.086	56	33873	1.525	ug/l	# 44
32) 1,1,1-Trichloroethane	8.019	97	1931	0.102	ug/l	# 24
39) Methylcyclohexane	9.461	83	3991	0.192	ug/l	# 84
40) Benzene	8.458	78	8589	0.167	ug/l	91
41) Methacrylonitrile	7.646	41	770	0.066	ug/l	# 29
42) 1,2-Dichloroethane	8.534	62	5581	0.277	ug/l	92
43) Isopropyl Acetate	8.563	43	5940	0.164	ug/l	# 63
44) Trichloroethene	9.212	130	4404	0.357	ug/l	84

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Manual Integrations
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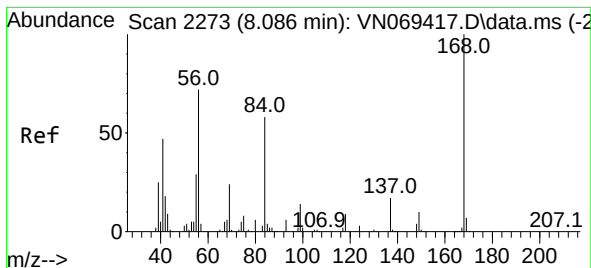
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,2-Dichloropropane	9.491	63	2245	0.163	ug/l	90
46) Dibromomethane	9.582	93	1456	0.158	ug/l #	77
47) Bromodichloromethane	9.762	83	2352	0.137	ug/l #	89
48) Methyl methacrylate	9.563	41	2577	0.151	ug/l #	65
51) 4-Methyl-2-Pentanone	10.333	43	17530	0.750	ug/l	99
52) Toluene	10.505	92	11473	0.358	ug/l	95
53) t-1,3-Dichloropropene	10.717	75	2634	0.147	ug/l #	78
54) cis-1,3-Dichloropropene	10.191	75	2099	0.107	ug/l #	80
55) 1,1,2-Trichloroethane	10.899	97	2104	0.163	ug/l #	86
56) Ethyl methacrylate	10.762	69	3366	0.157	ug/l #	67
57) 1,3-Dichloropropane	11.052	76	3570	0.157	ug/l	91
58) 2-Chloroethyl Vinyl ether	10.043	63	5112	1.031	ug/l #	79
59) 2-Hexanone	11.089	43	18662	1.071	ug/l	85
60) Dibromochloromethane	11.240	129	985	0.081	ug/l	59
61) 1,2-Dibromoethane	11.347	107	1689	0.129	ug/l	92
64) Tetrachloroethene	10.974	164	1941	0.187	ug/l	95
65) Chlorobenzene	11.776	112	5922	0.185	ug/l #	82
66) 1,1,1,2-Tetrachloroethane	11.843	131	1433	0.129	ug/l #	41
67) Ethyl Benzene	11.846	91	9330	0.158	ug/l	96
68) m/p-Xylenes	11.950	106	6163	0.285	ug/l	85
69) o-Xylene	12.278	106	3137	0.145	ug/l	89
70) Styrene	12.296	104	4734	0.136	ug/l #	84
71) Bromoform	12.452	173	876	0.111	ug/l #	29
73) Isopropylbenzene	12.578	105	7832	0.176	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.830	83	3156	0.210	ug/l #	88
77) Bromobenzene	12.865	156	2399	0.235	ug/l	79
78) n-propylbenzene	12.921	91	10659	0.213	ug/l	97
79) 2-Chlorotoluene	13.007	91	6902m	0.222	ug/l	
80) 1,3,5-Trimethylbenzene	13.061	105	6590	0.183	ug/l	95
82) 4-Chlorotoluene	13.106	91	6738	0.228	ug/l	97
83) tert-Butylbenzene	13.329	119	5868	0.186	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	6702	0.193	ug/l #	61
85) sec-Butylbenzene	13.501	105	7600	0.172	ug/l	98
86) p-Isopropyltoluene	13.619	119	6267	0.179	ug/l	93
87) 1,3-Dichlorobenzene	13.616	146	4167	0.236	ug/l	87
88) 1,4-Dichlorobenzene	13.702	146	4923m	0.284	ug/l	
89) n-Butylbenzene	13.946	91	7677	0.263	ug/l	92
90) Hexachloroethane	14.203	117	726	0.126	ug/l	57
91) 1,2-Dichlorobenzene	13.994	146	4666	0.277	ug/l	72
92) 1,2-Dibromo-3-Chloropr...	14.605	75	499	0.205	ug/l #	56
93) 1,2,4-Trichlorobenzene	15.265	180	3414	0.461	ug/l	86
94) Hexachlorobutadiene	15.365	225	874	0.200	ug/l #	54
95) Naphthalene	15.509	128	16425	0.827	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.708	180	4002m	0.564	ug/l	

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

Manual Integrations
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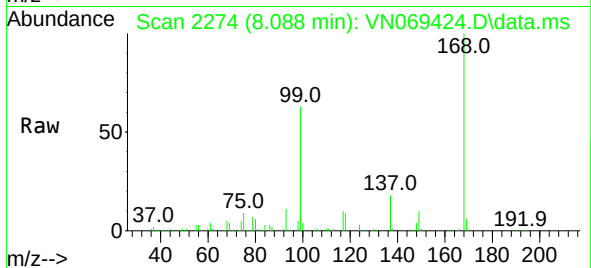
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

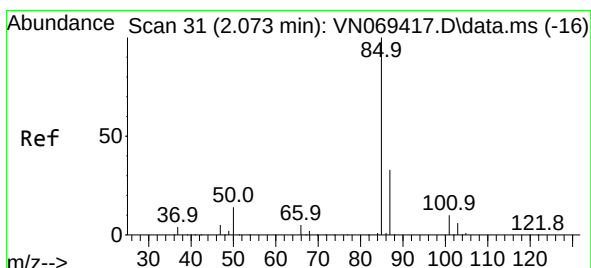
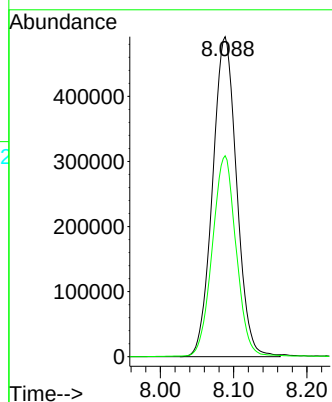
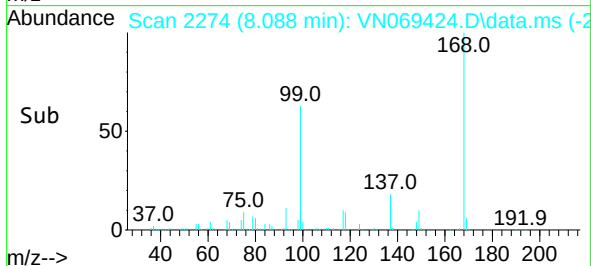
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:168 Resp: 1121390
Ion Ratio Lower Upper
168 100
99 62.6 41.3 61.9

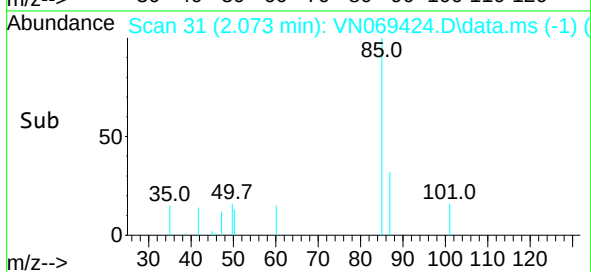
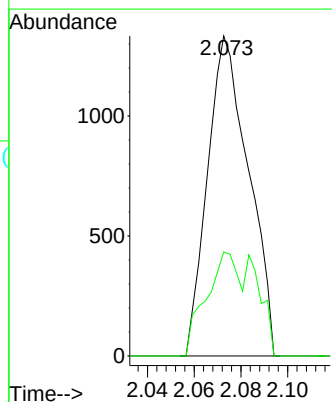
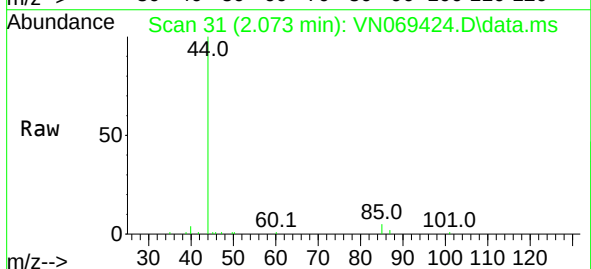
Manual Integrations
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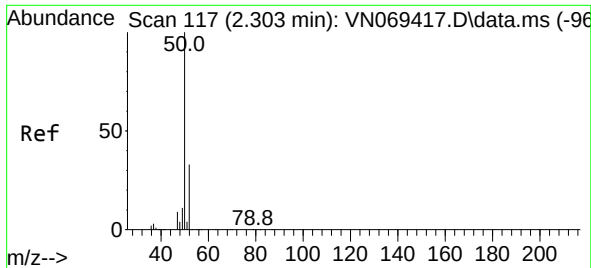
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#2
Dichlorodifluoromethane
Concen: 0.135 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion: 85 Resp: 1623
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.9





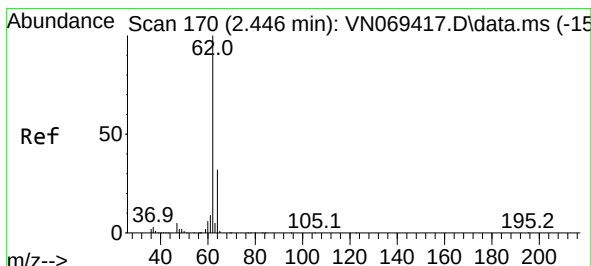
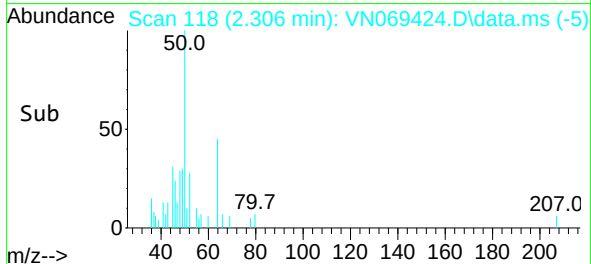
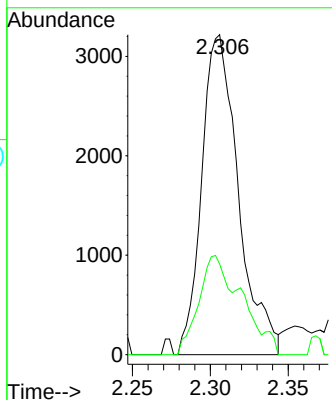
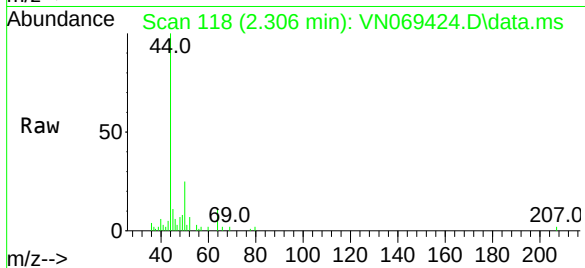
#3
Chloromethane
Concen: 0.379 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

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

Tgt Ion: 50 Resp: 5269
Ion Ratio Lower Upper
50 100
52 28.3 25.4 38.0

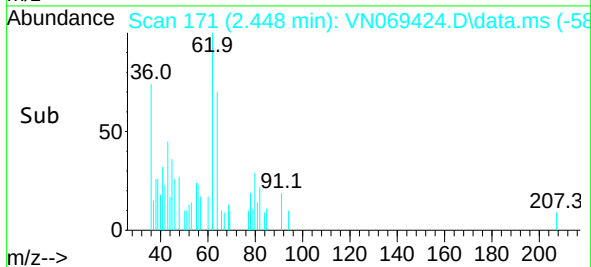
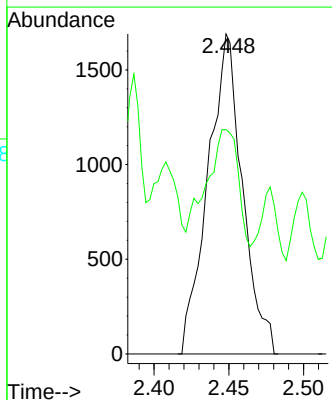
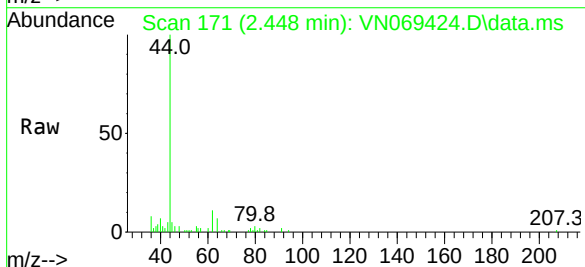
Manual Integrations
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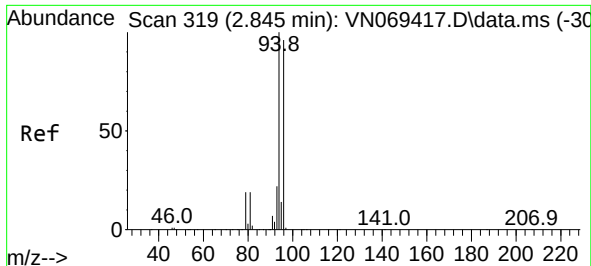
Reviewed By :John Carlone 11/11/2021
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#4
Vinyl Chloride
Concen: 0.195 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

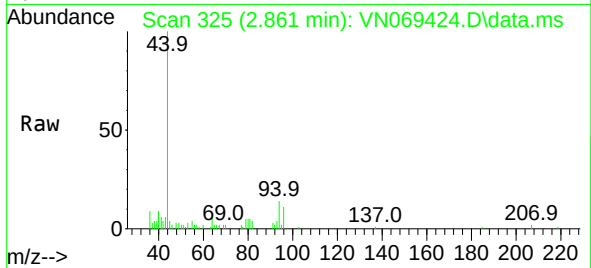
Tgt Ion: 62 Resp: 2713
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.6





#5
Bromomethane
Concen: 0.554 ug/l
RT: 2.861 min Scan# 319
Delta R.T. 0.016 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

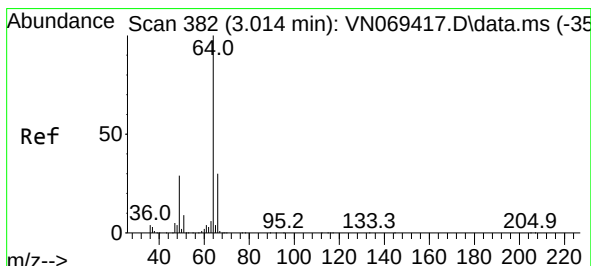
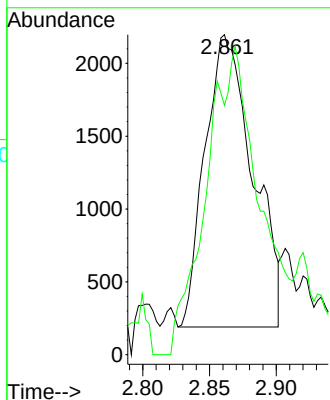
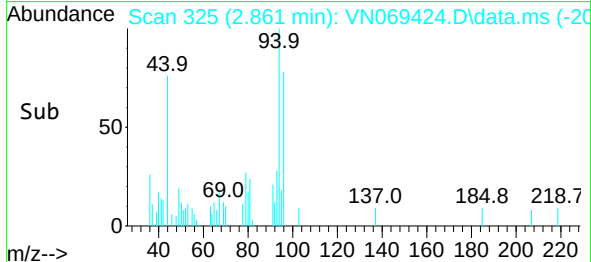
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



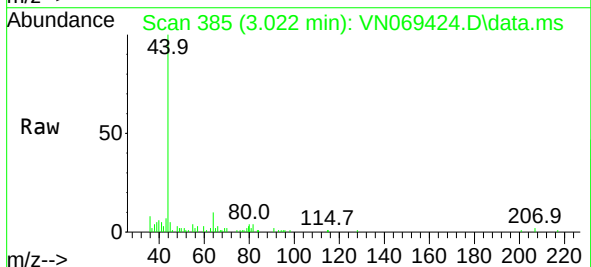
Tgt Ion: 94 Resp: 5004
Ion Ratio Lower Upper
94 100
96 68.6 73.8 110.8

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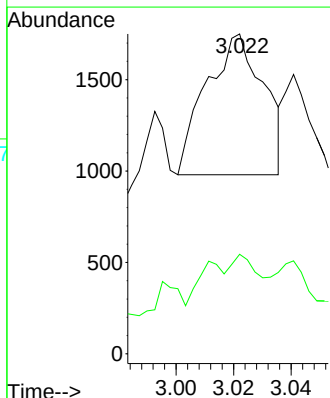
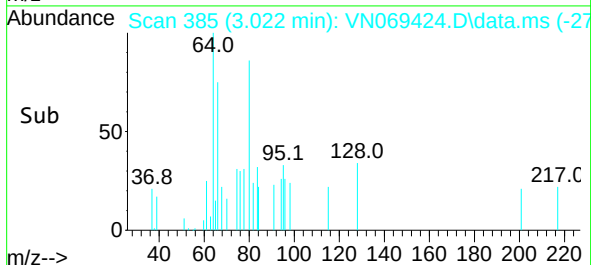
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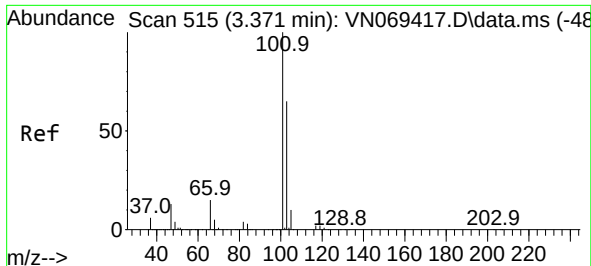


#6
Chloroethane
Concen: 0.114 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.008 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02



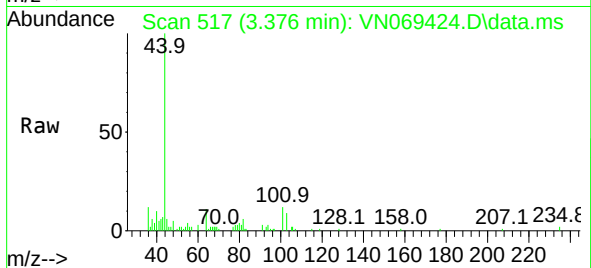
Tgt Ion: 64 Resp: 1068
Ion Ratio Lower Upper
64 100
66 24.4 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 0.177 ug/l
 RT: 3.376 min Scan# 515
 Delta R.T. 0.005 min
 Lab File: VN069424.D
 Acq: 9 Nov 2021 18:02

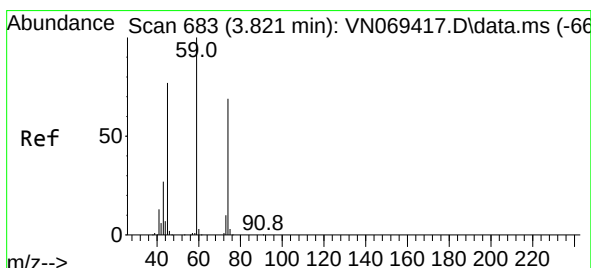
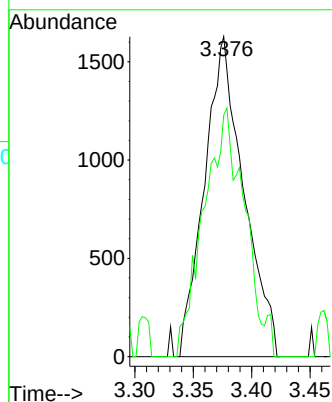
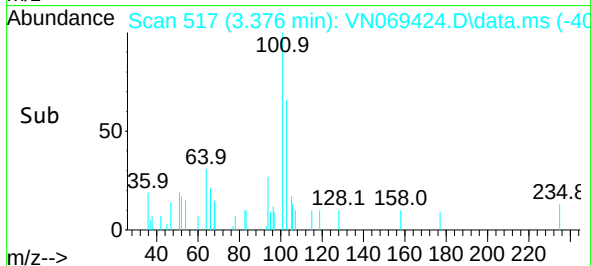
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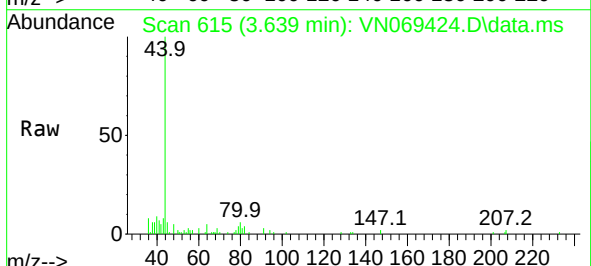
Tgt Ion:101 Resp: 3800
 Ion Ratio Lower Upper
 101 100
 103 75.5 50.1 75.1

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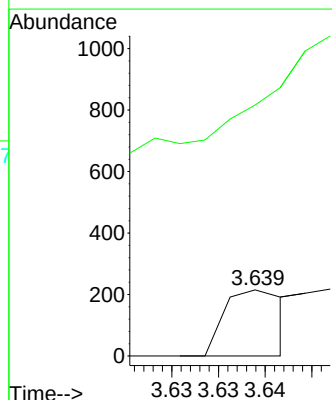
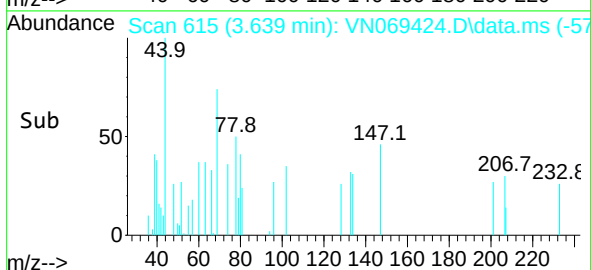
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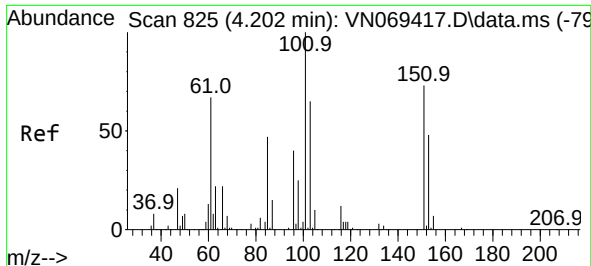


#8
 Diethyl Ether
 Concen: 0.014 ug/l
 RT: 3.639 min Scan# 615
 Delta R.T. -0.182 min
 Lab File: VN069424.D
 Acq: 9 Nov 2021 18:02



Tgt Ion: 74 Resp: 96
 Ion Ratio Lower Upper
 74 100
 45 121.9 47.0 141.2





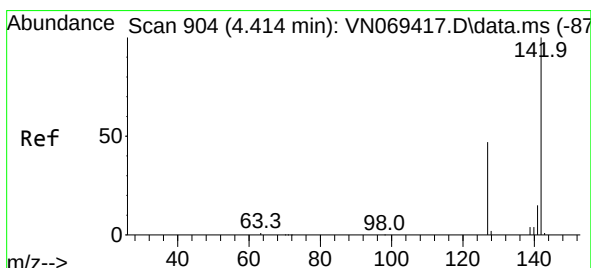
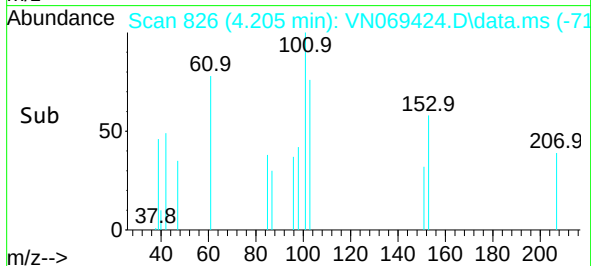
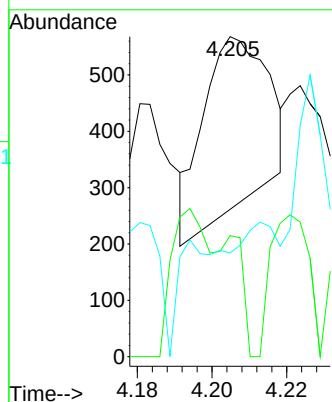
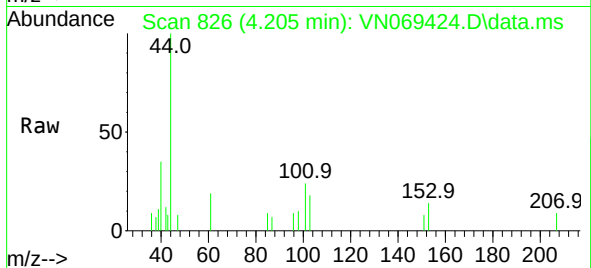
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1,1,2-Trichlorotrifluoroethane
Concen: 0.036 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

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

Tgt Ion:101 Resp: 360
Ion Ratio Lower Upper
101 100
85 0.0 37.2 55.8
151 39.1 65.9 98.9

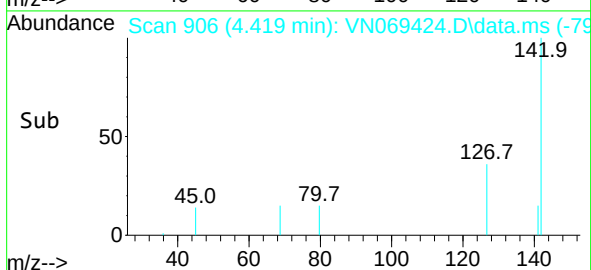
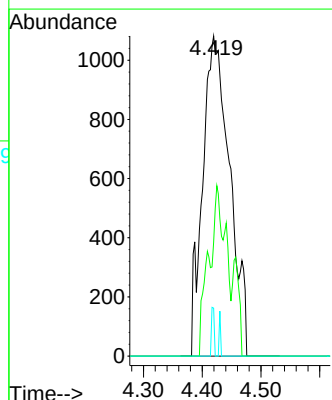
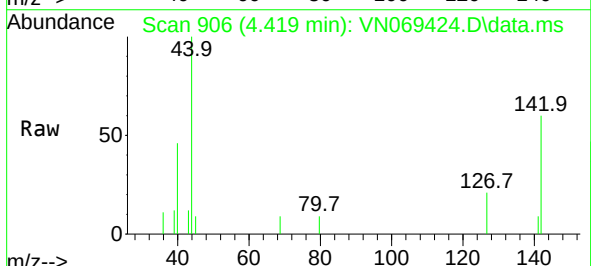
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APPROVED

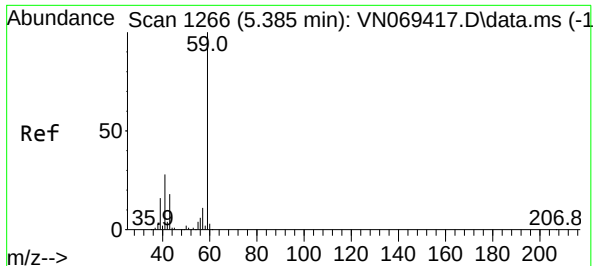
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#10
Methyl Iodide
Concen: 0.277 ug/l m
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

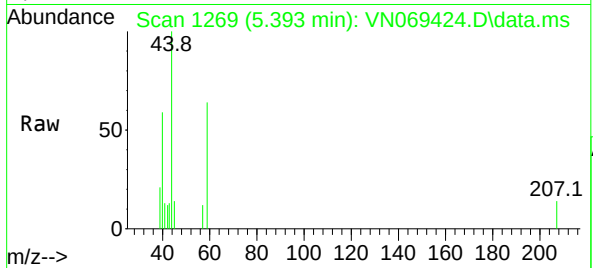
Tgt Ion:142 Resp: 3445
Ion Ratio Lower Upper
142 100
127 9.1 35.4 53.0#
141 1.5 11.6 17.4#





#11
Tert butyl alcohol
Concen: 1.205 ug/l m
RT: 5.393 min Scan# 1
Delta R.T. 0.008 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

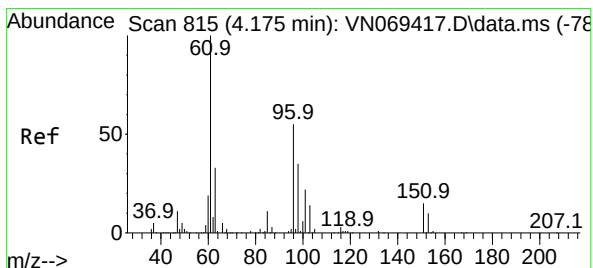
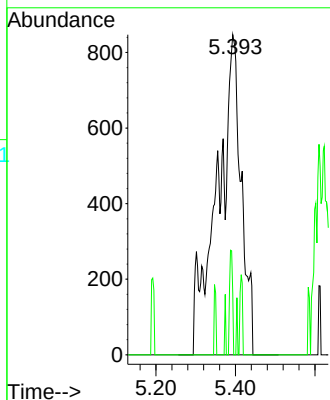
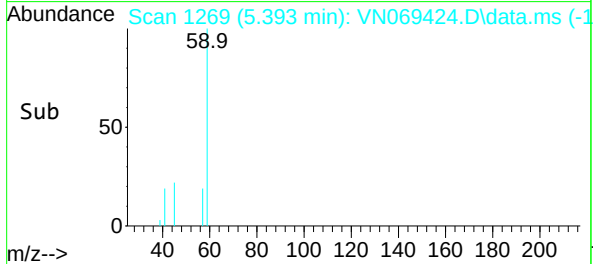
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 59 Resp: 353
Ion Ratio Lower Upper
59 100
57 4.1 8.7 13.1

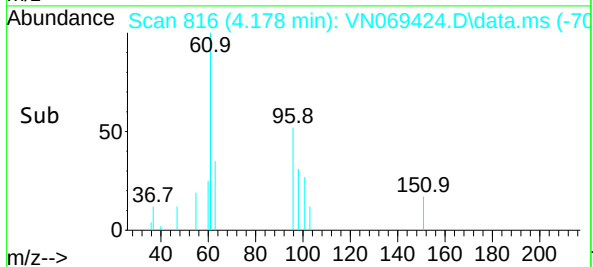
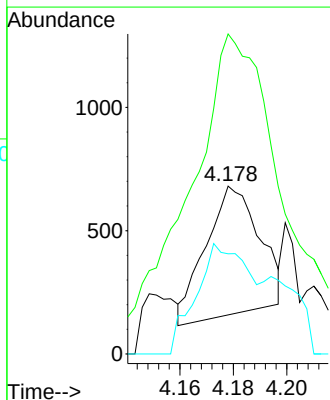
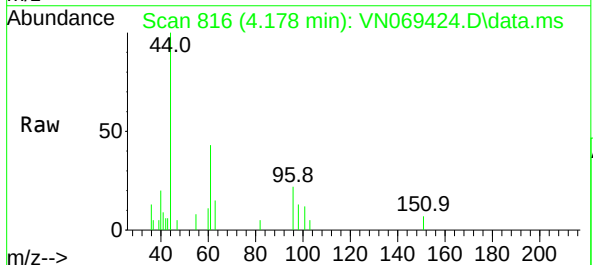
Manual Integrations
APPROVED

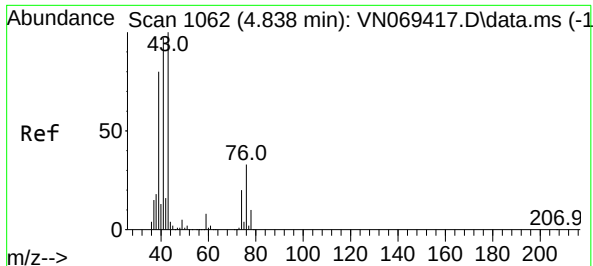
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#12
1,1-Dichloroethene
Concen: 0.080 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion: 96 Resp: 727
Ion Ratio Lower Upper
96 100
61 157.0 131.0 196.6
98 52.2 52.4 78.6#





#14

Allyl chloride

Concen: 0.035 ug/l

RT: 4.840 min Scan# 1062

Delta R.T. 0.002 min

Lab File: VN069424.D

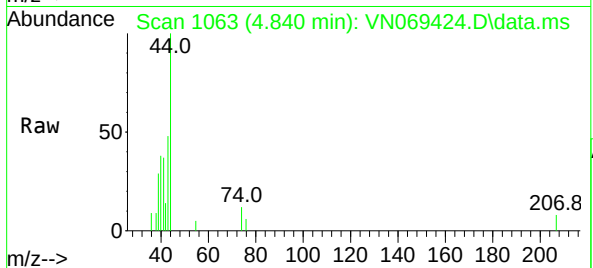
Acq: 9 Nov 2021 18:02

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



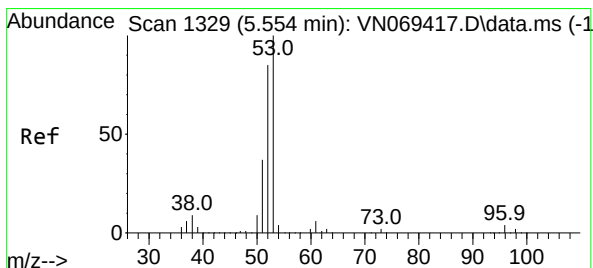
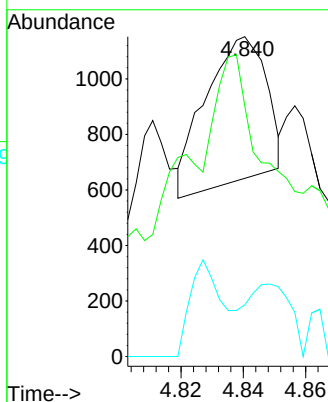
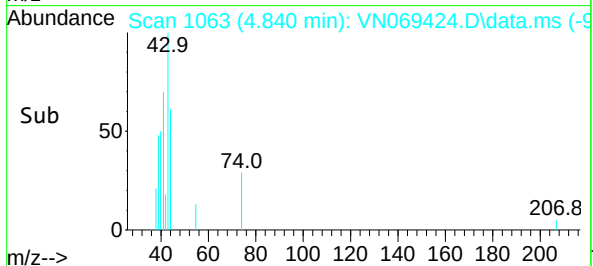
Tgt Ion: 41	Resp: 700
Ion Ratio	Lower Upper
41	100
39	194.3 61.2 91.8
76	35.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#15

Acrylonitrile

Concen: 0.876 ug/l m

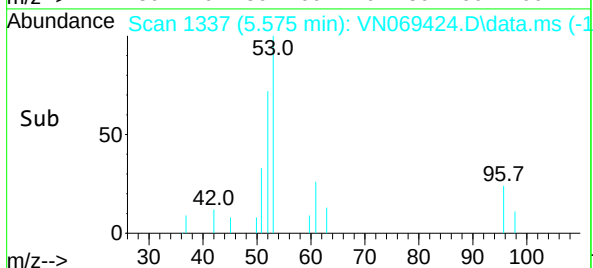
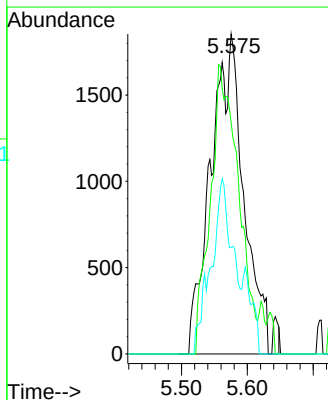
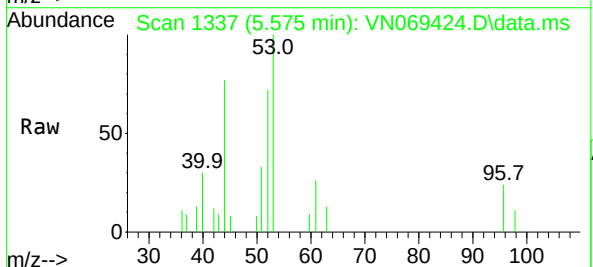
RT: 5.575 min Scan# 1337

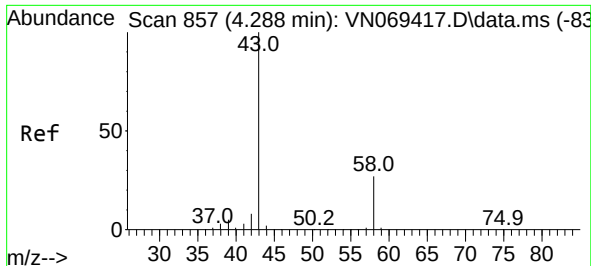
Delta R.T. 0.021 min

Lab File: VN069424.D

Acq: 9 Nov 2021 18:02

Tgt Ion: 53	Resp: 6572
Ion Ratio	Lower Upper
53	100
52	75.6 66.2 99.2
51	26.5 29.6 44.4





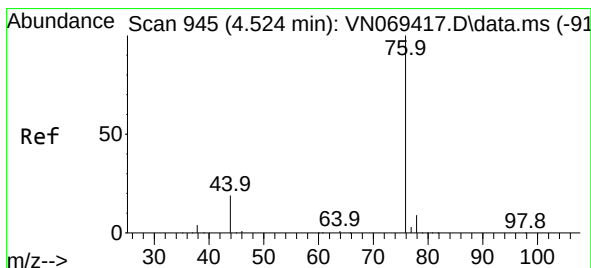
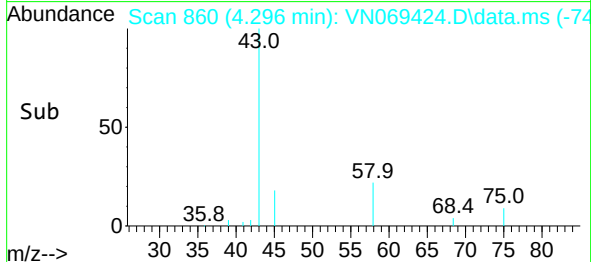
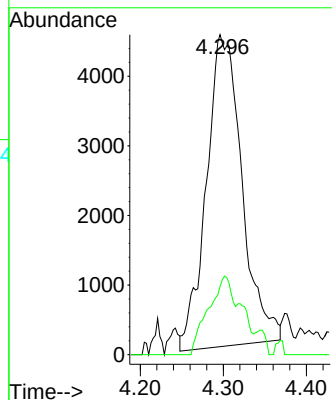
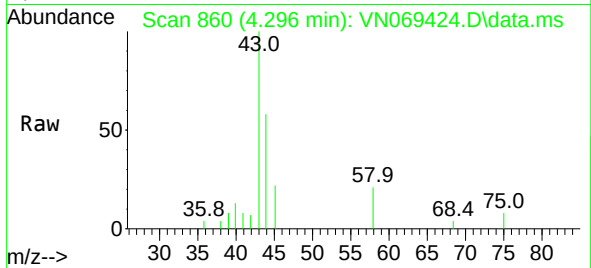
#16
Acetone
Concen: 1.518 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.008 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

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

Tgt Ion: 43 Resp: 13310
Ion Ratio Lower Upper
43 100
58 22.6 23.1 34.7

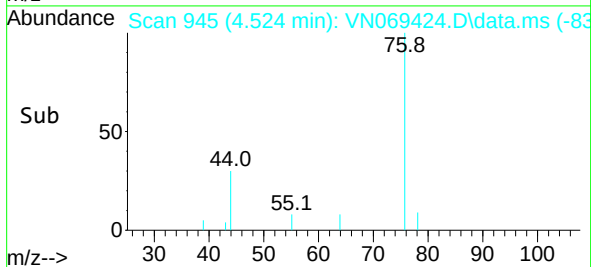
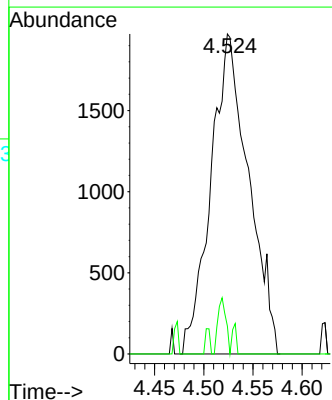
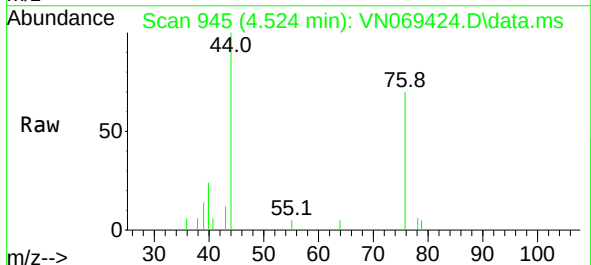
Manual Integrations
APPROVED

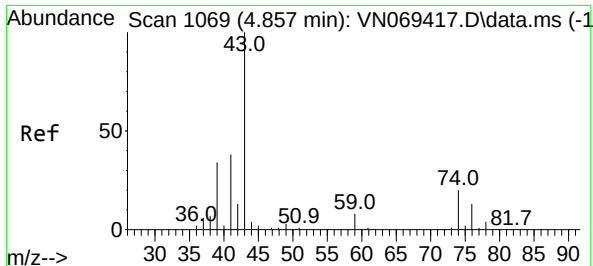
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#17
Carbon Disulfide
Concen: 0.245 ug/l
RT: 4.524 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion: 76 Resp: 5261
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3





#18

Methyl Acetate

Concen: 0.355 ug/l

RT: 4.865 min Scan# 1012

Delta R.T. 0.008 min

Lab File: VN069424.D

Acq: 9 Nov 2021 18:02

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 43 Resp: 1012

Ion Ratio Lower Upper

43 100

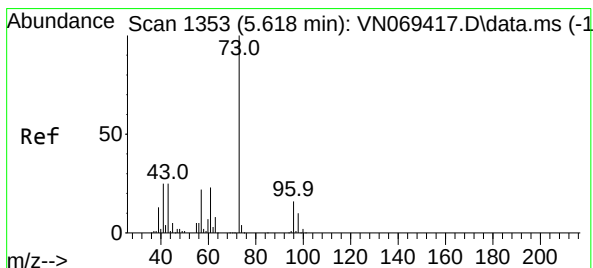
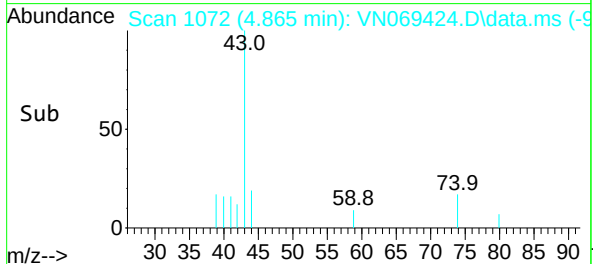
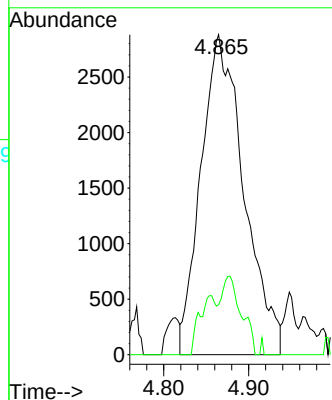
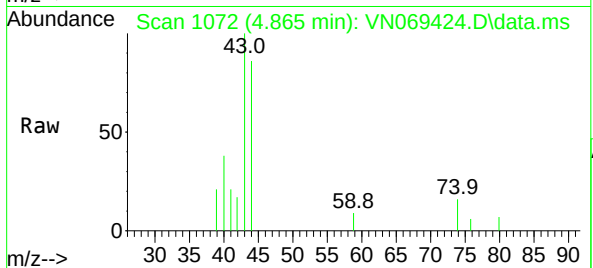
74 7.1 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#19

Methyl tert-butyl Ether

Concen: 0.129 ug/l

RT: 5.624 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VN069424.D

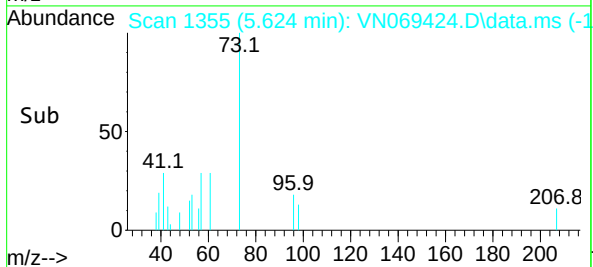
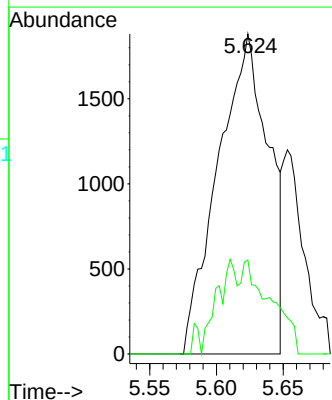
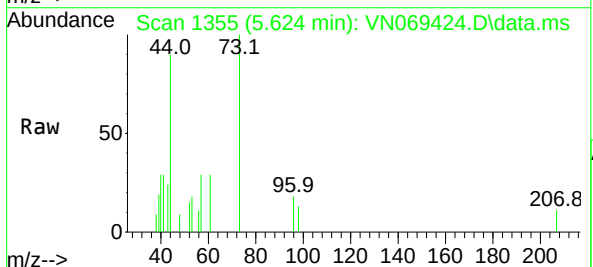
Acq: 9 Nov 2021 18:02

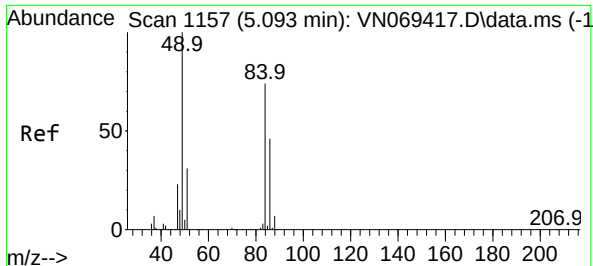
Tgt Ion: 73 Resp: 4945

Ion Ratio Lower Upper

73 100

57 29.3 16.8 25.2





#20

Methylene Chloride

Concen: 0.595 ug/l

RT: 5.098 min Scan# 1157

Delta R.T. 0.005 min

Lab File: VN069424.D

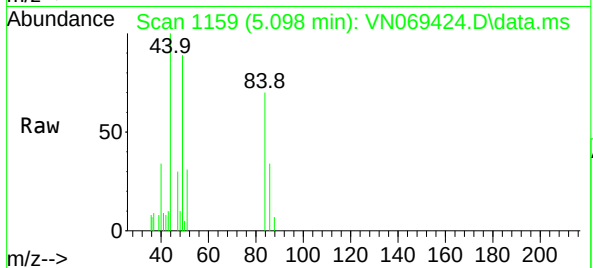
Acq: 9 Nov 2021 18:02

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 84 Resp: 740

Ion Ratio Lower Upper

84 100

49 126.6 93.5 140.3

51 44.4 29.4 44.2

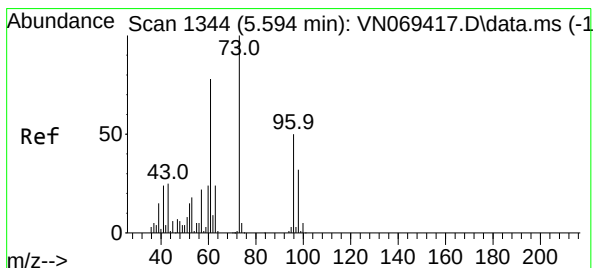
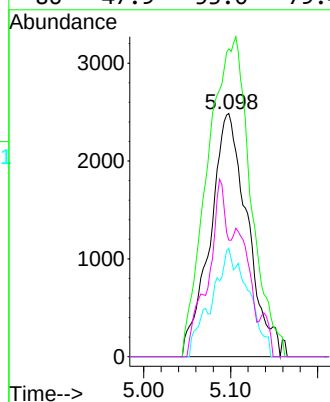
86 47.9 53.0 79.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#21

trans-1,2-Dichloroethene

Concen: 0.009 ug/l

RT: 5.589 min Scan# 1342

Delta R.T. -0.005 min

Lab File: VN069424.D

Acq: 9 Nov 2021 18:02

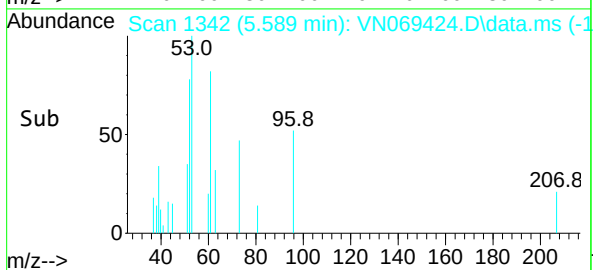
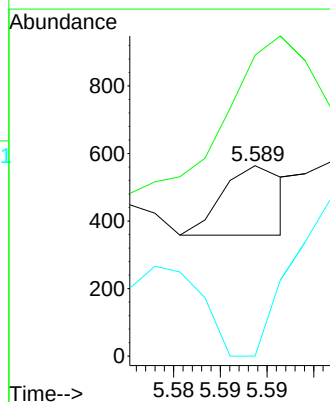
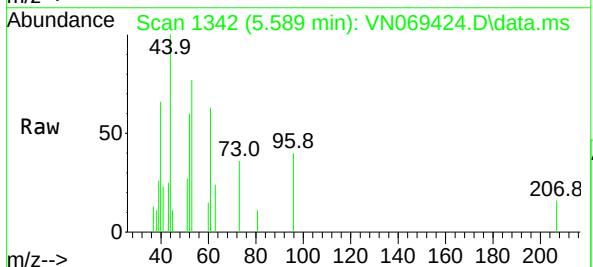
Tgt Ion: 96 Resp: 94

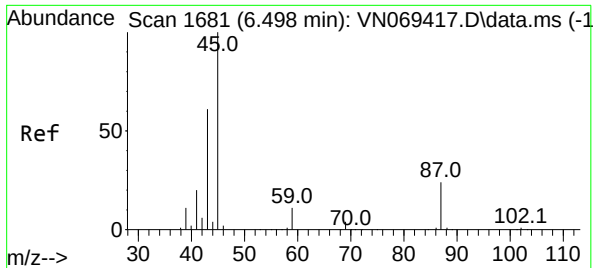
Ion Ratio Lower Upper

96 100

61 174.8 105.8 158.6

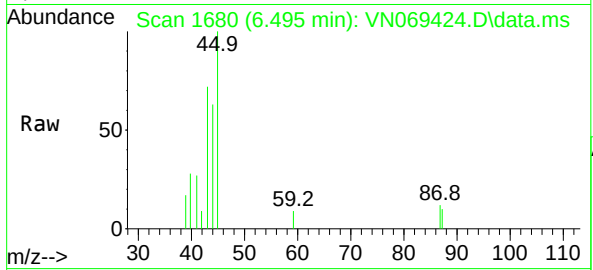
98 0.0 52.0 78.0





#22
Diisopropyl ether
Concen: 0.117 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

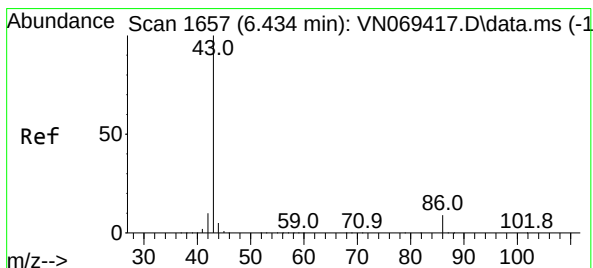
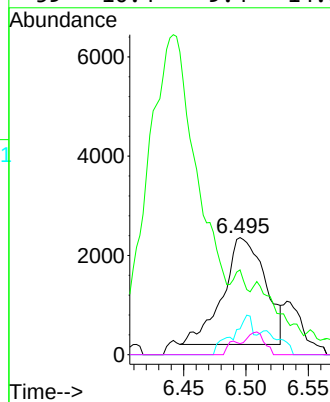
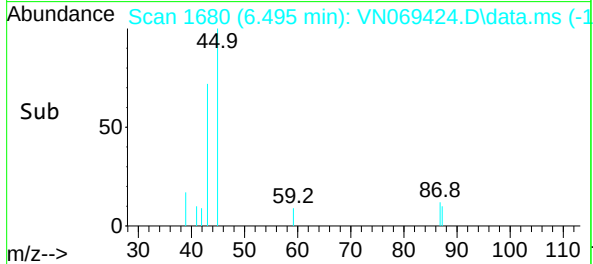
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



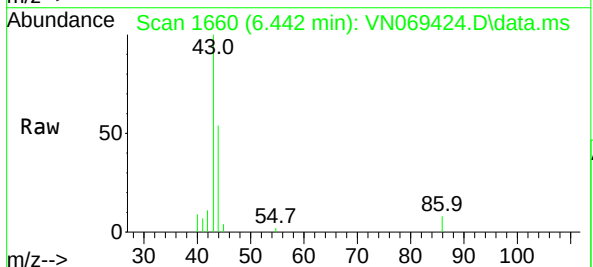
Tgt Ion:	45	Ratio	100	Lower	Upper
43	41.1	51.7	77.5		
87	24.2	23.2	34.8		
59	10.4	9.4	14.0		

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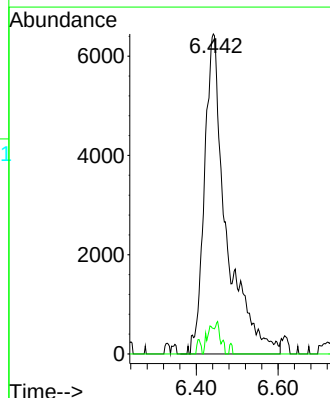
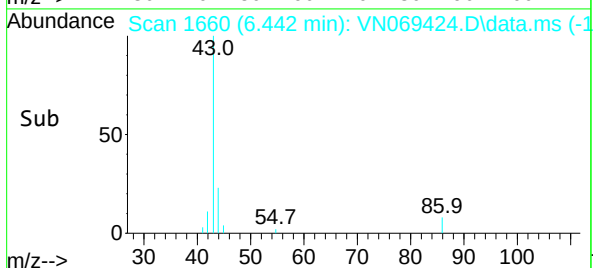
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

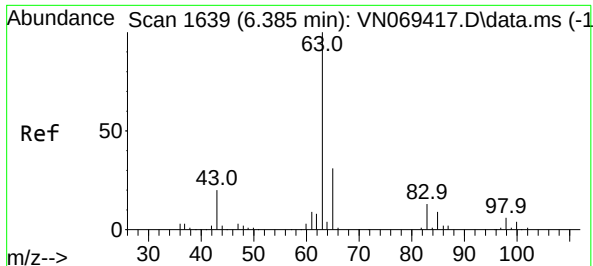


#23
Vinyl Acetate
Concen: 0.716 ug/l m
RT: 6.442 min Scan# 1660
Delta R.T. 0.008 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02



Tgt Ion:	43	Ratio	100	Lower	Upper
43	100				
86	8.0	8.5	12.7		





#24

1,1-Dichloroethane

Concen: 0.094 ug/l

RT: 6.385 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN069424.D

Acq: 9 Nov 2021 18:02

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 63 Resp: 2080

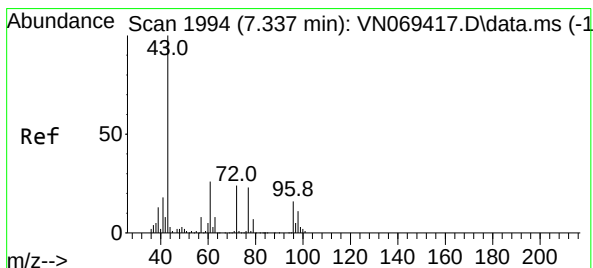
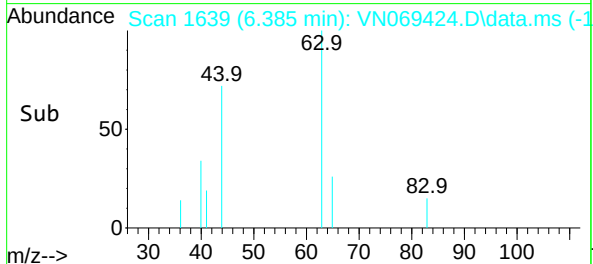
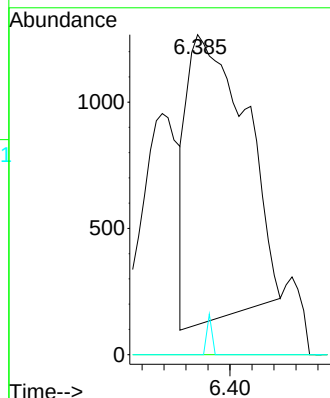
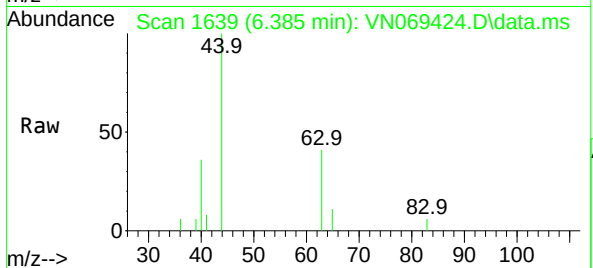
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.9
100	0.0	2.1	6.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#25

2-Butanone

Concen: 1.263 ug/l m

RT: 7.348 min Scan# 1998

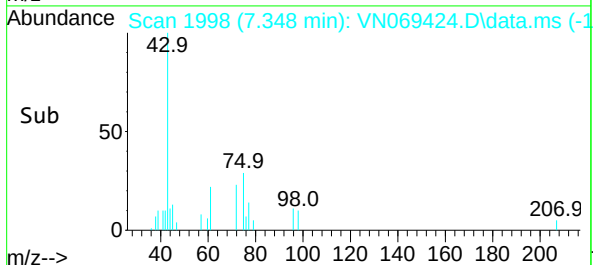
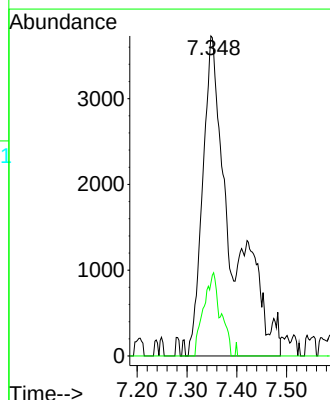
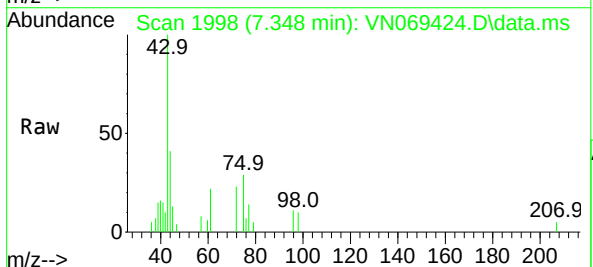
Delta R.T. 0.011 min

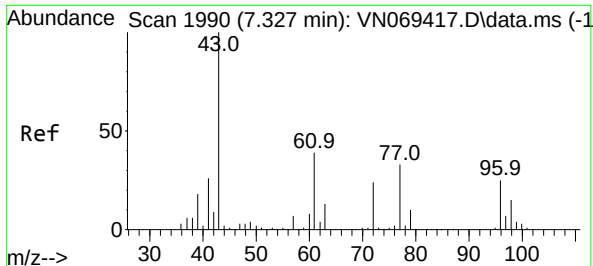
Lab File: VN069424.D

Acq: 9 Nov 2021 18:02

Tgt Ion: 43 Resp: 15008

Ion	Ratio	Lower	Upper
43	100		
72	22.8	21.7	32.5





#26

2,2-Dichloropropane

Concen: 0.115 ug/l

RT: 7.321 min Scan# 1988

Delta R.T. -0.006 min

Lab File: VN069424.D

Acq: 9 Nov 2021 18:02

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 77 Resp: 1984

Ion Ratio Lower Upper

77 100

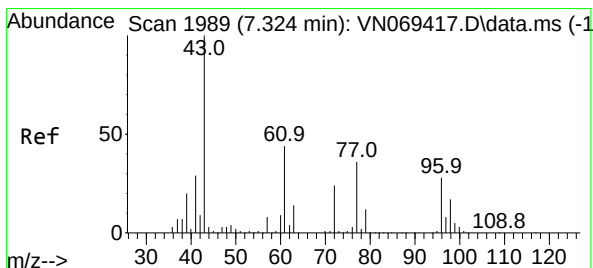
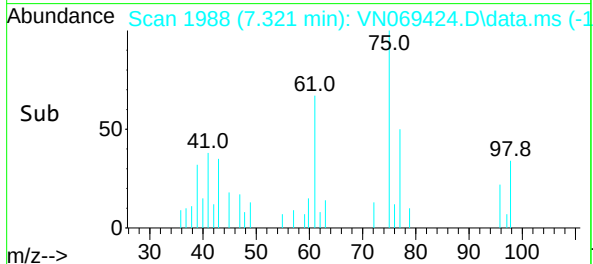
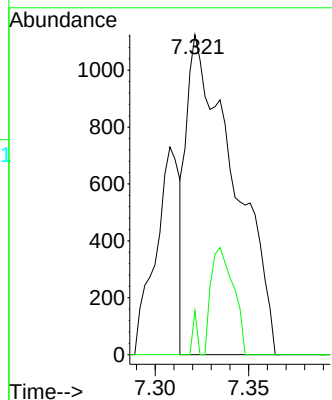
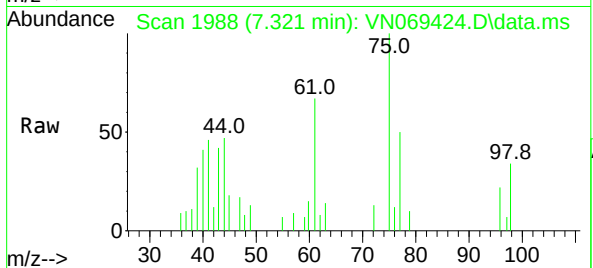
97 1.3 11.6 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#27

cis-1,2-Dichloroethene

Concen: 0.047 ug/l

RT: 7.319 min Scan# 1987

Delta R.T. -0.005 min

Lab File: VN069424.D

Acq: 9 Nov 2021 18:02

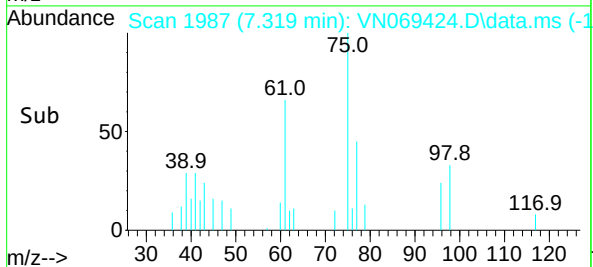
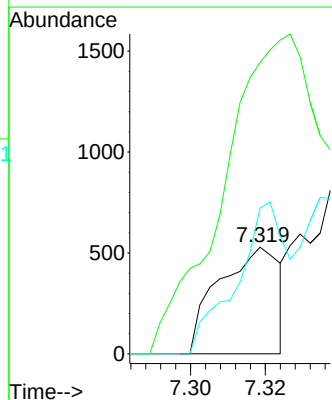
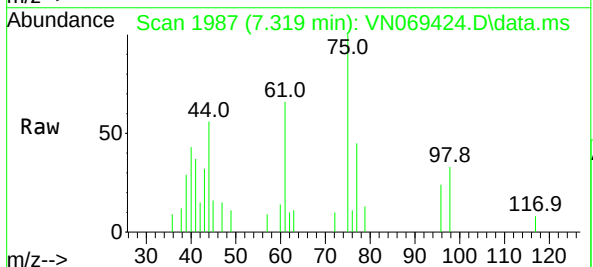
Tgt Ion: 96 Resp: 593

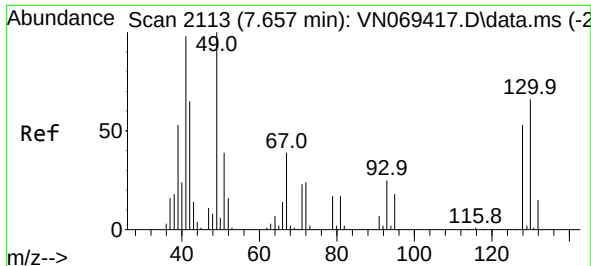
Ion Ratio Lower Upper

96 100

61 0.0 0.0 275.0

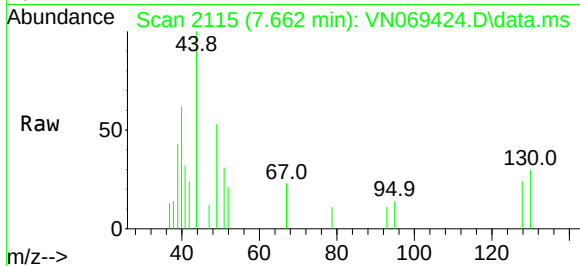
98 116.4 0.0 129.6





#28
Bromochloromethane
Concen: 0.074 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.005 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

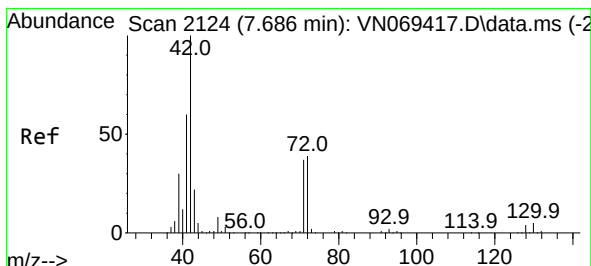
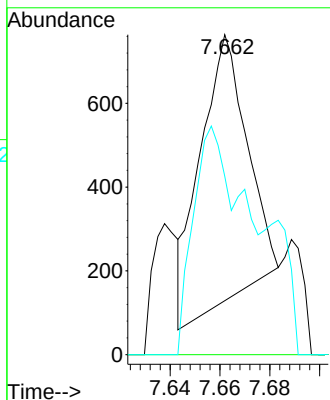
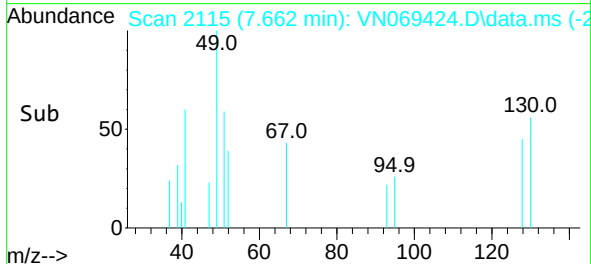
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



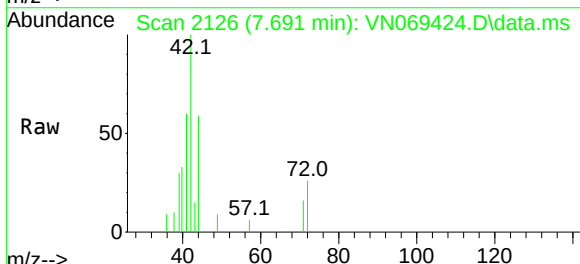
Tgt Ion: 49 Resp: 83
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 88.8 67.8 101.8

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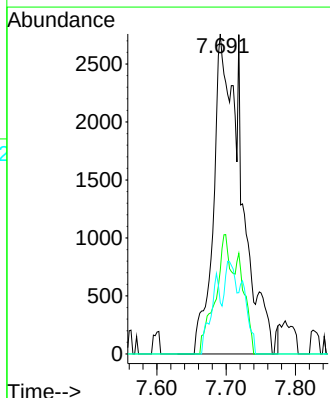
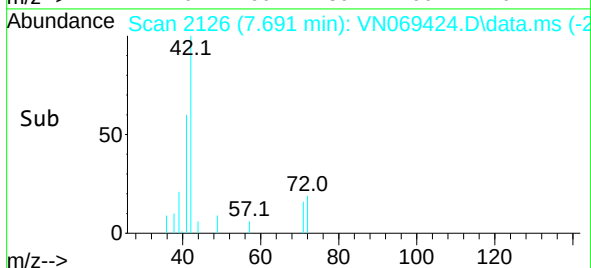
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

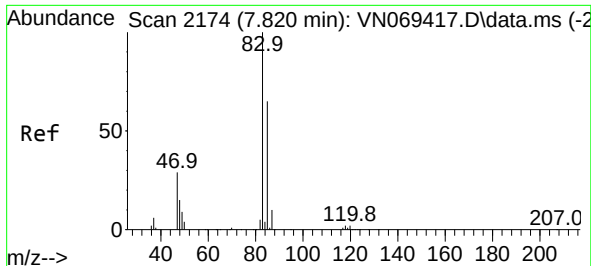


#29
Tetrahydrofuran
Concen: 1.068 ug/l m
RT: 7.691 min Scan# 2126
Delta R.T. 0.005 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02



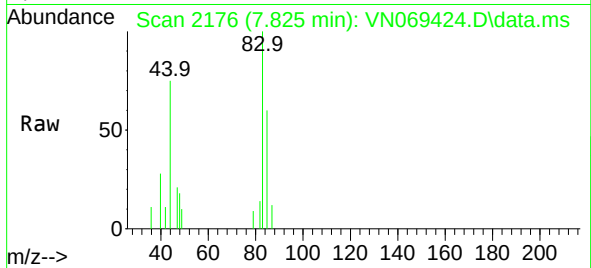
Tgt Ion: 42 Resp: 7783
Ion Ratio Lower Upper
42 100
72 0.0 36.3 54.5#
71 9.1 34.7 52.1#





#30
Chloroform
Concen: 0.181 ug/l
RT: 7.825 min Scan# 2174
Delta R.T. 0.005 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

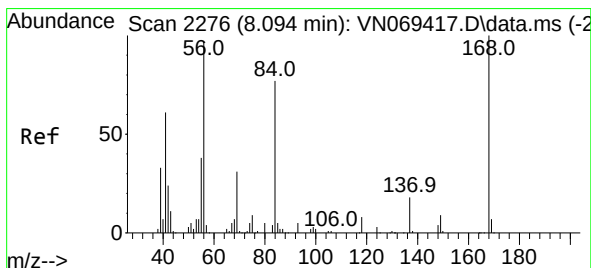
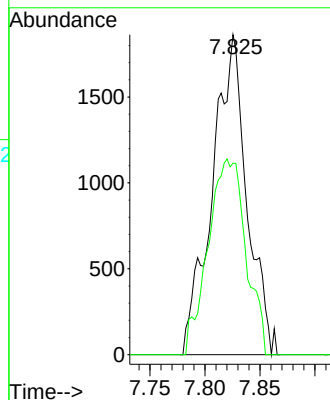
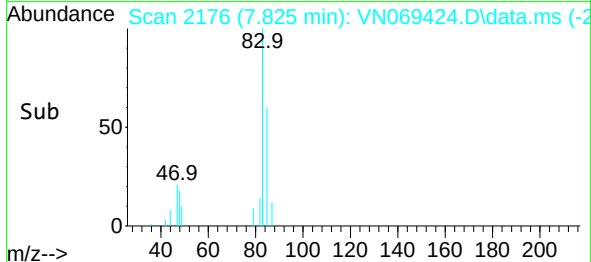
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 83 Resp: 4095
Ion Ratio Lower Upper
83 100
85 59.8 51.9 77.9

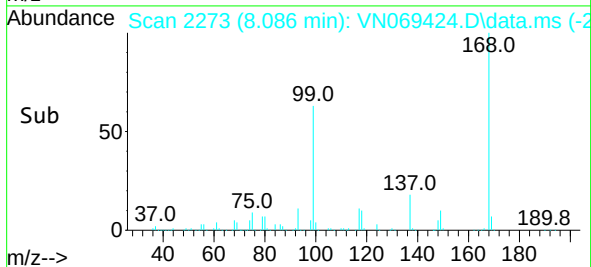
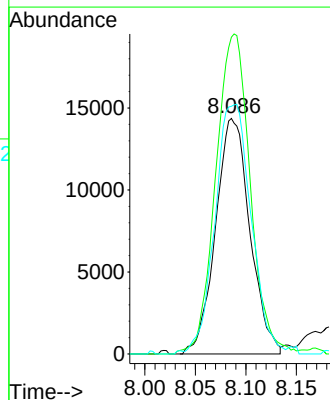
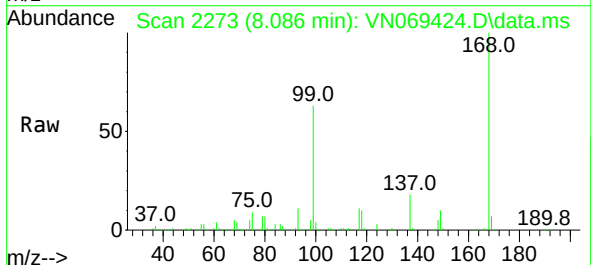
Manual Integrations
APPROVED

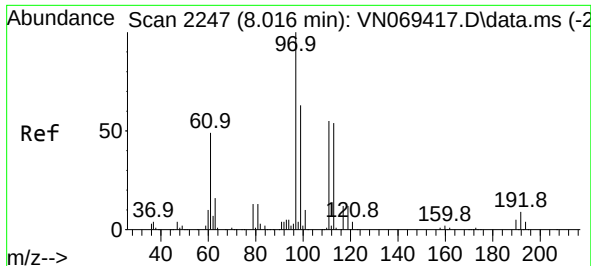
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#31
Cyclohexane
Concen: 1.525 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

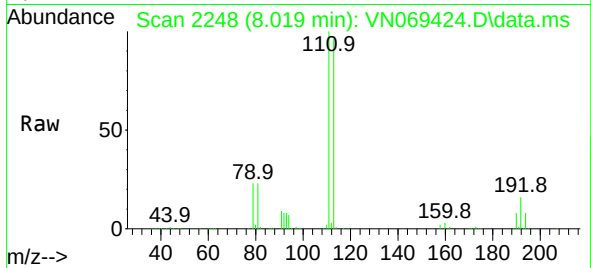
Tgt Ion: 56 Resp: 33873
Ion Ratio Lower Upper
56 100
69 133.0 27.1 40.7#
84 103.7 73.4 110.0





#32
1,1,1-Trichloroethane
Concen: 0.102 ug/l
RT: 8.019 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

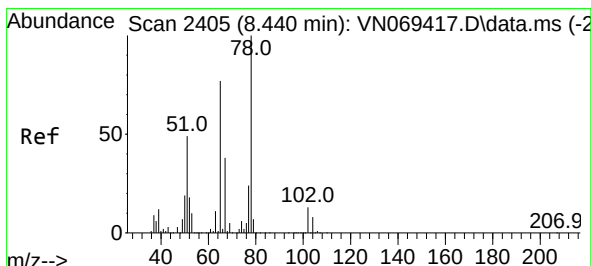
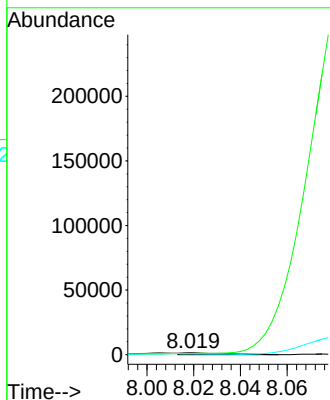
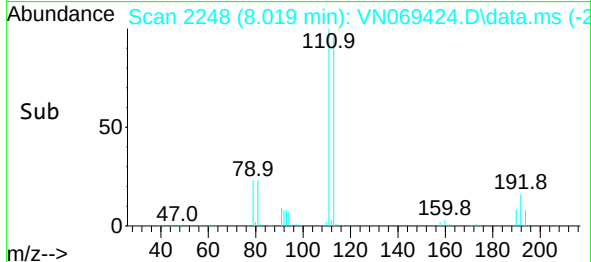
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



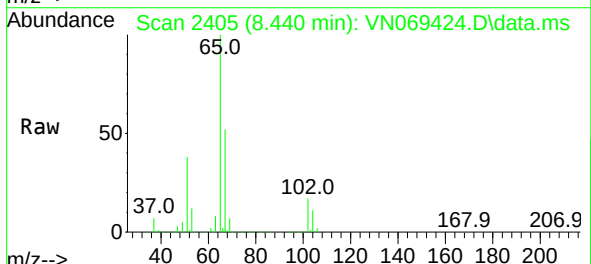
Tgt Ion: 97 Resp: 193
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1
61 0.0 35.2 52.8

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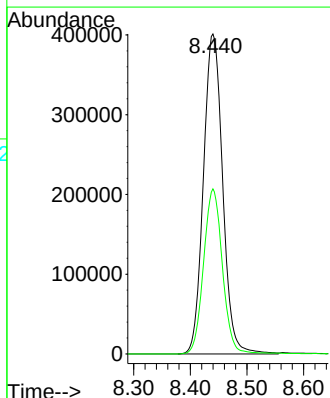
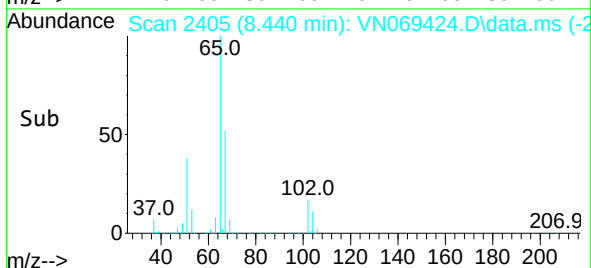
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

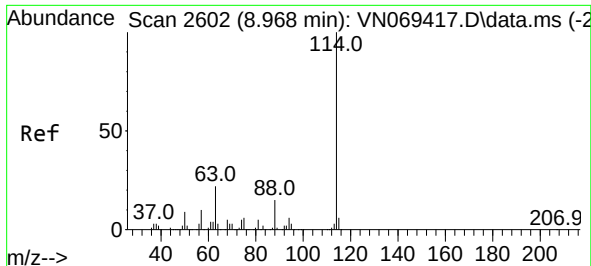


#33
1,2-Dichloroethane-d4
Concen: 58.301 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02



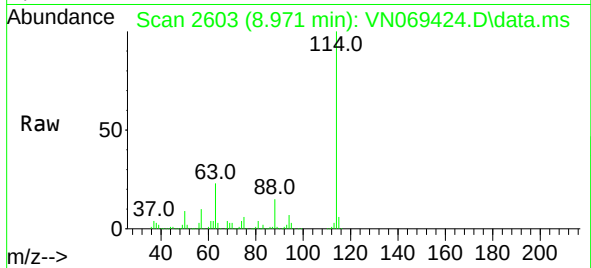
Tgt Ion: 65 Resp: 947951
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 20
Delta R.T. 0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

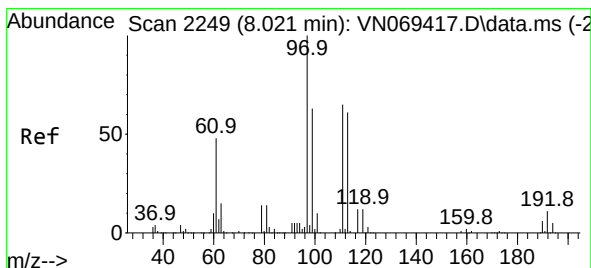
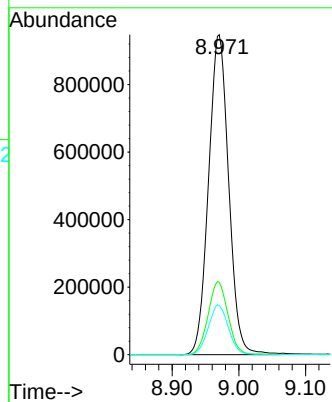
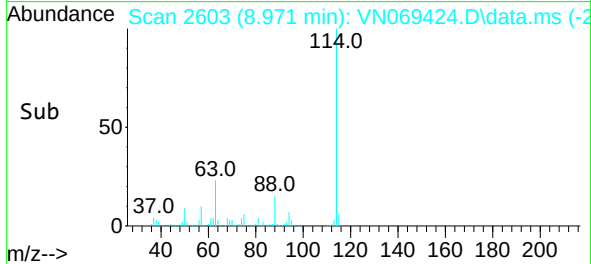
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:114 Resp: 1982458
Ion Ratio Lower Upper
114 100
63 22.7 0.0 37.8
88 15.3 0.0 27.4

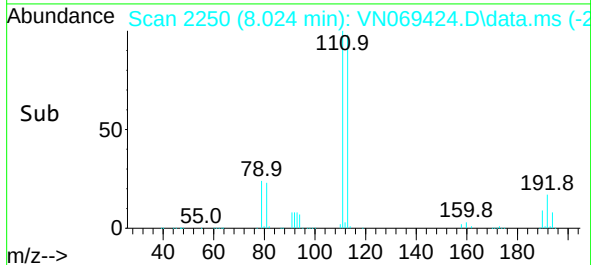
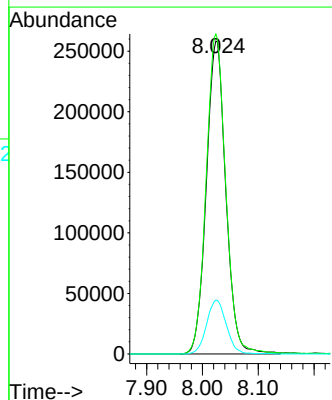
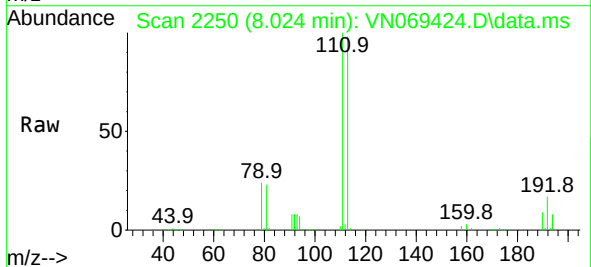
Manual Integrations
APPROVED

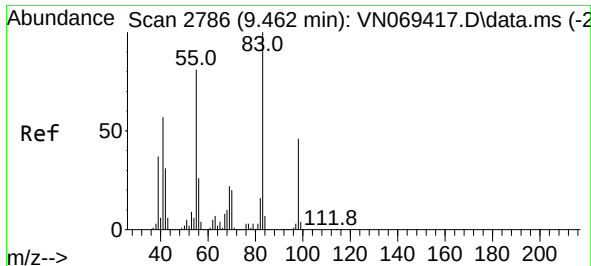
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#35
Dibromofluoromethane
Concen: 52.716 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

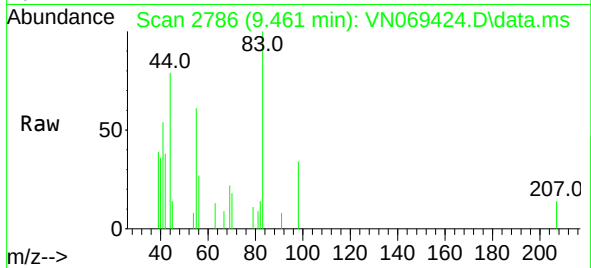
Tgt Ion:113 Resp: 626791
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 17.4 16.9 25.3





#39
Methylcyclohexane
Concen: 0.192 ug/l
RT: 9.461 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

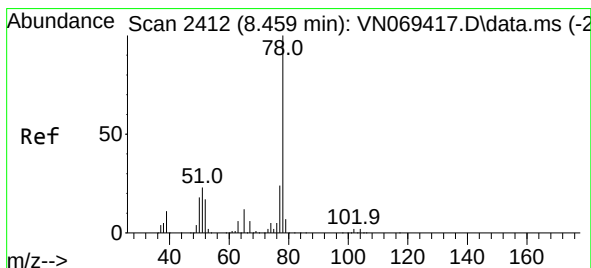
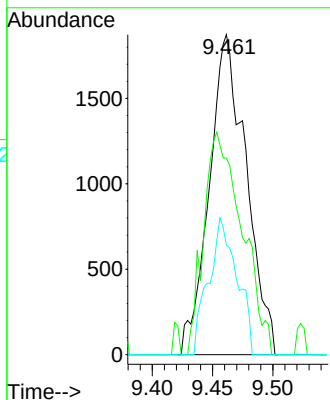
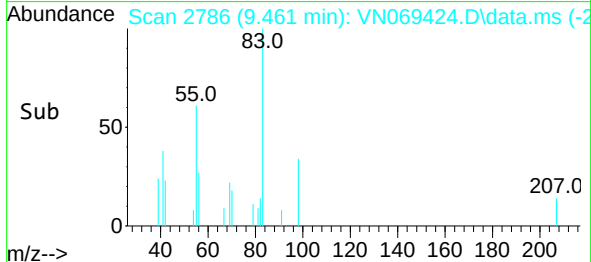
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 83 Resp: 399
Ion Ratio Lower Upper
83 100
55 61.5 58.1 87.1
98 34.3 38.4 57.6

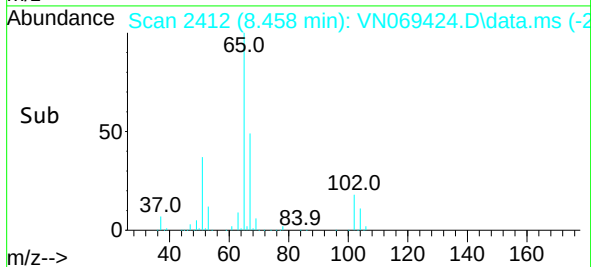
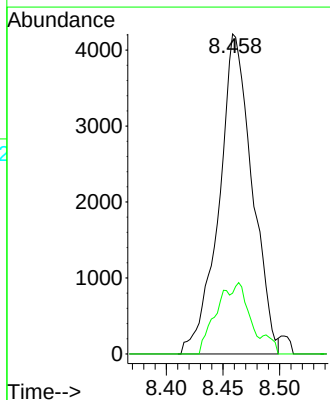
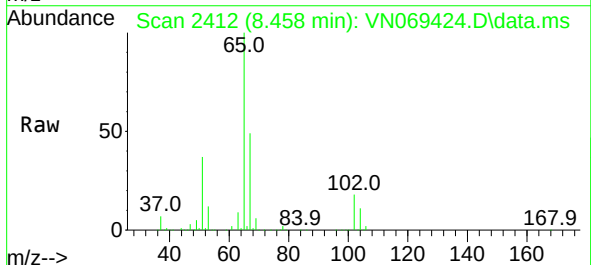
Manual Integrations
APPROVED

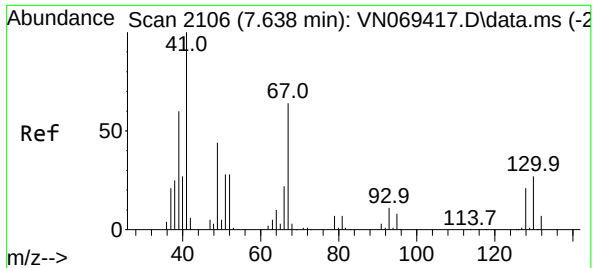
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#40
Benzene
Concen: 0.167 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

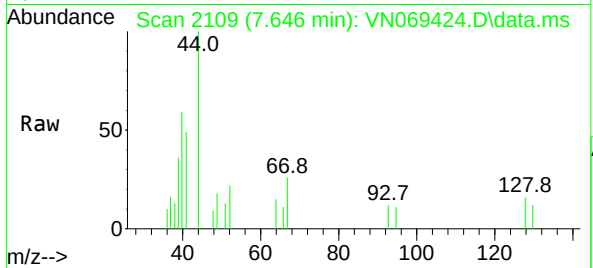
Tgt Ion: 78 Resp: 8589
Ion Ratio Lower Upper
78 100
77 19.0 18.6 27.8





#41
Methacrylonitrile
Concen: 0.066 ug/l
RT: 7.646 min Scan# 2106
Delta R.T. 0.008 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

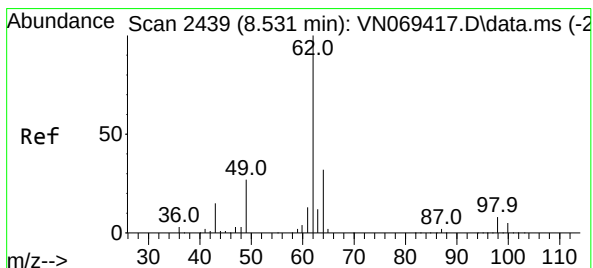
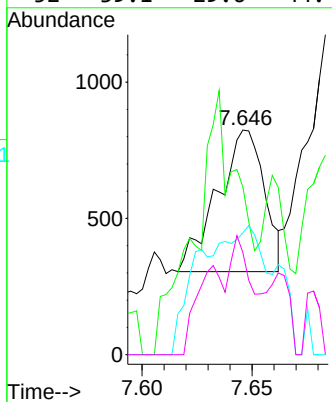
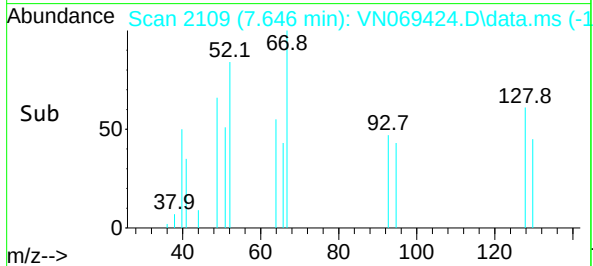
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 41 Resp: 770
Ion Ratio Lower Upper
41 100
39 0.0 48.1 72.1
67 0.0 68.3 102.5
52 39.1 29.6 44.4

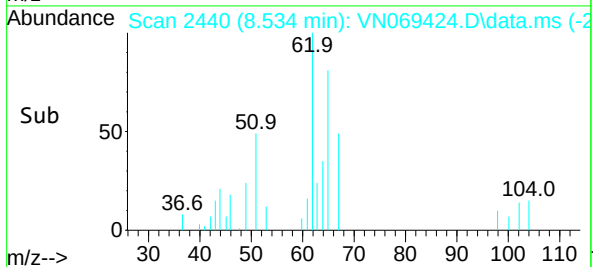
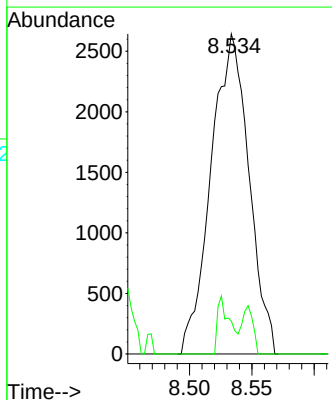
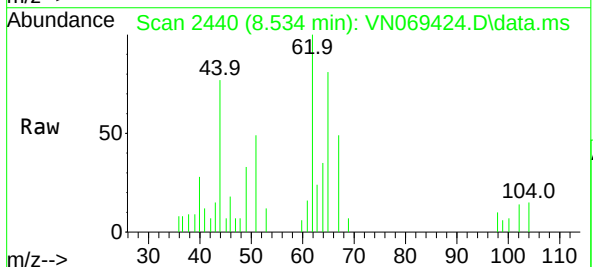
Manual Integrations
APPROVED

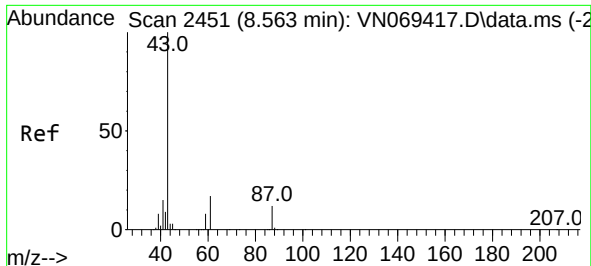
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#42
1,2-Dichloroethane
Concen: 0.277 ug/l
RT: 8.534 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

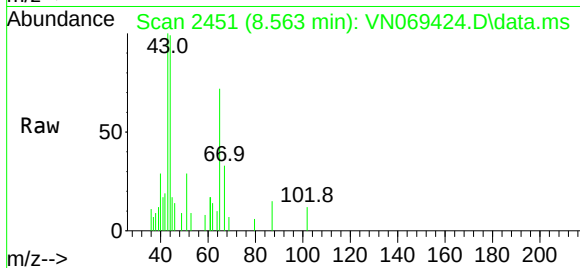
Tgt Ion: 62 Resp: 5581
Ion Ratio Lower Upper
62 100
98 6.0 0.0 17.6





#43
Isopropyl Acetate
Concen: 0.164 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

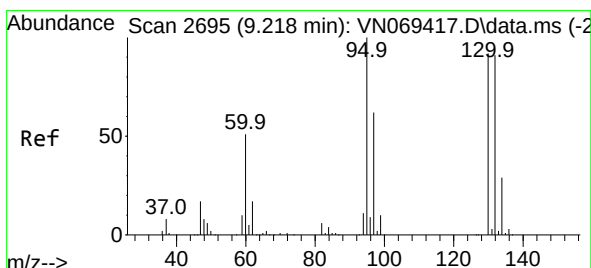
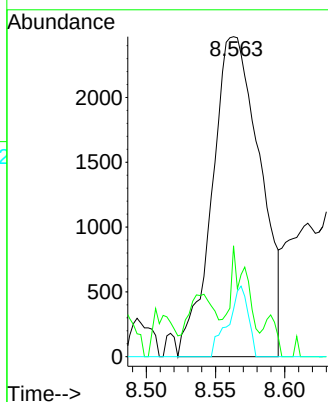
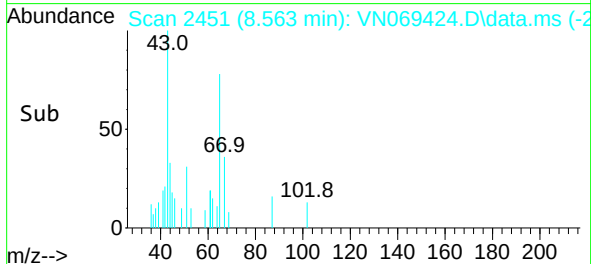
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 43 Resp: 5940
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6
87 9.2 11.2 16.8

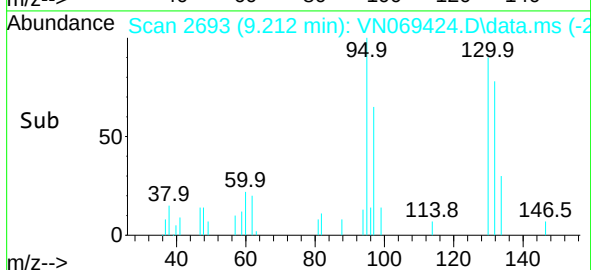
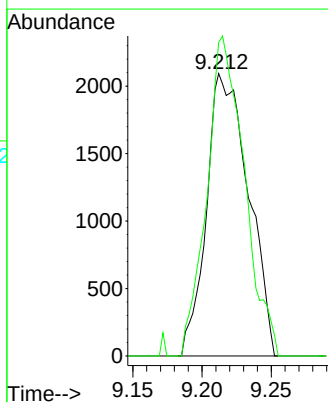
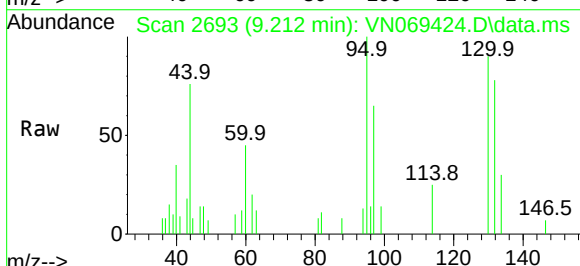
Manual Integrations
APPROVED

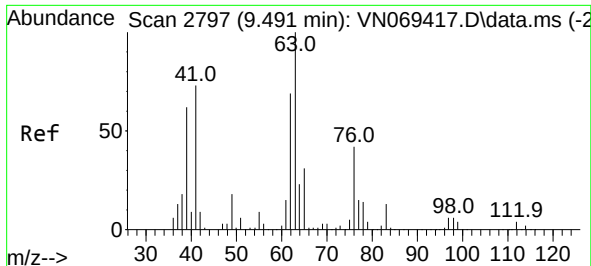
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#44
Trichloroethene
Concen: 0.357 ug/l
RT: 9.212 min Scan# 2693
Delta R.T. -0.006 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion:130 Resp: 4404
Ion Ratio Lower Upper
130 100
95 111.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 0.163 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069424.D

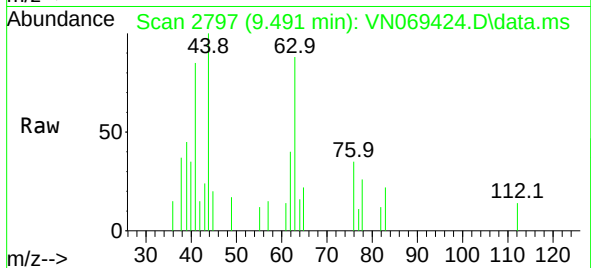
Acq: 9 Nov 2021 18:02

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 63 Resp: 224

Ion Ratio Lower Upper

63 100

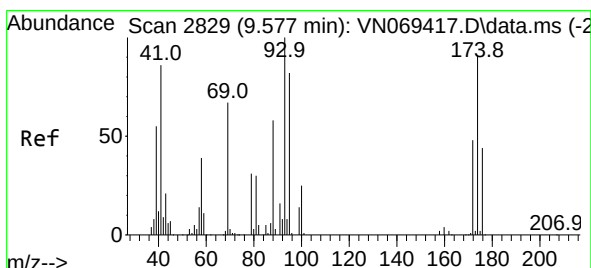
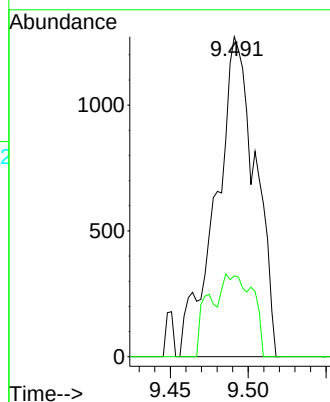
65 25.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#46

Dibromomethane

Concen: 0.158 ug/l

RT: 9.582 min Scan# 2831

Delta R.T. 0.005 min

Lab File: VN069424.D

Acq: 9 Nov 2021 18:02

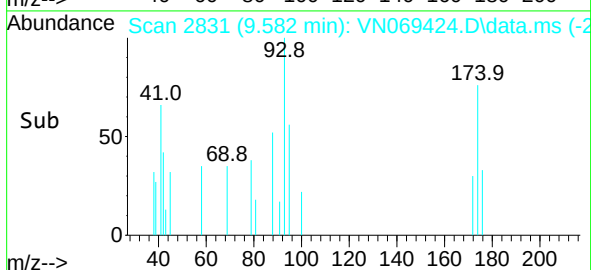
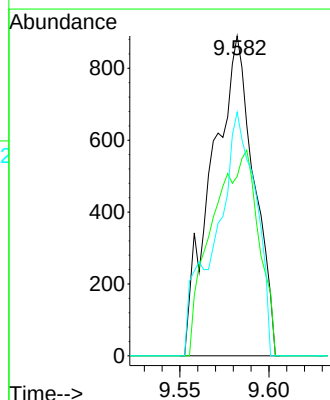
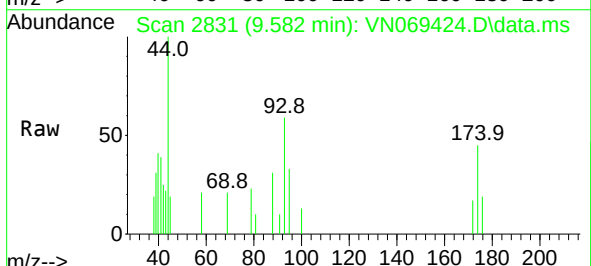
Tgt Ion: 93 Resp: 1456

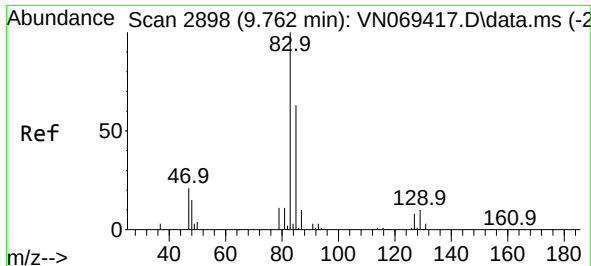
Ion Ratio Lower Upper

93 100

95 71.6 65.9 98.9

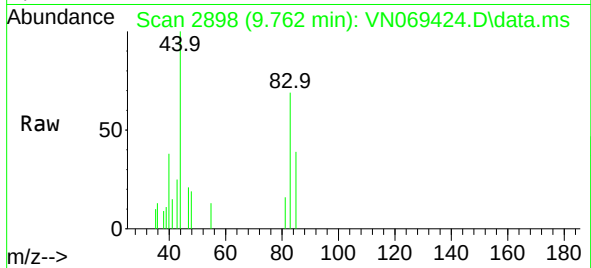
174 74.0 84.6 127.0#





#47
Bromodichloromethane
Concen: 0.137 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

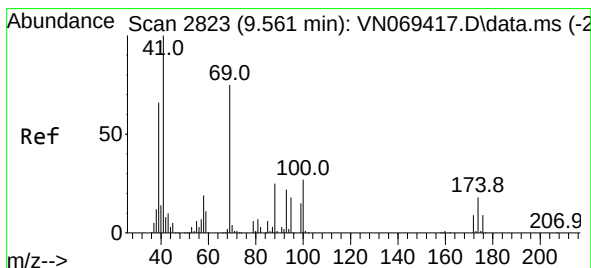
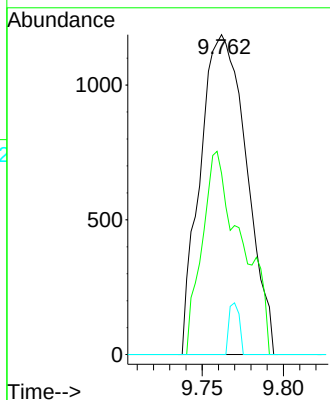
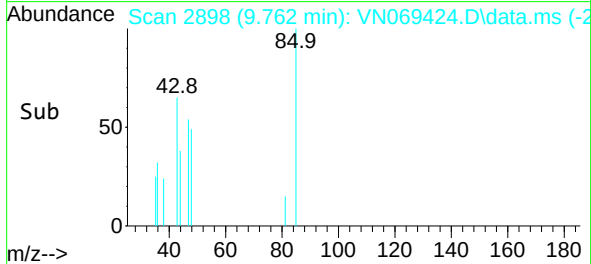
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



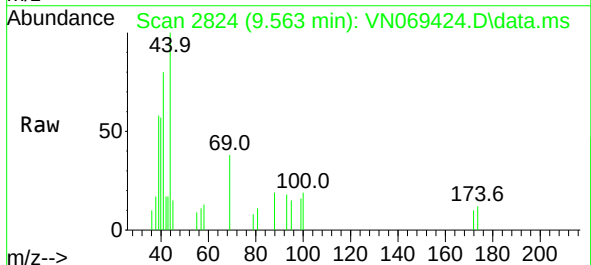
Tgt Ion: 83 Resp: 2352
Ion Ratio Lower Upper
83 100
85 56.6 50.9 76.3
127 0.0 7.1 10.7

Manual Integrations
APPROVED

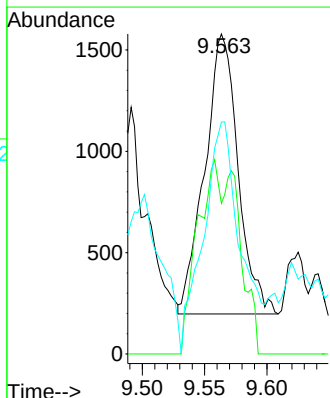
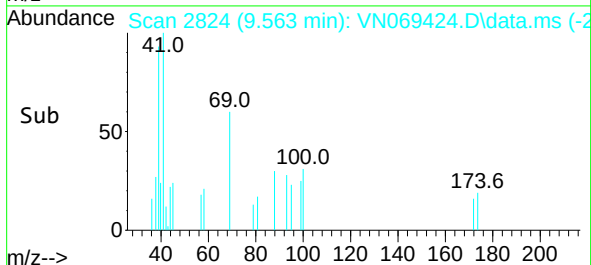
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

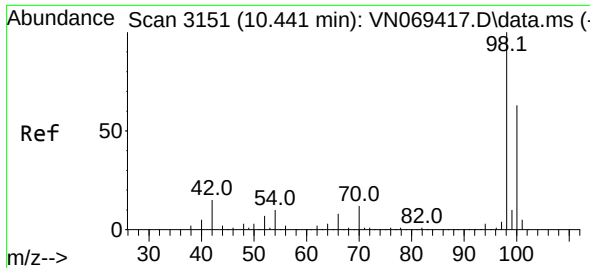


#48
Methyl methacrylate
Concen: 0.151 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.002 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02



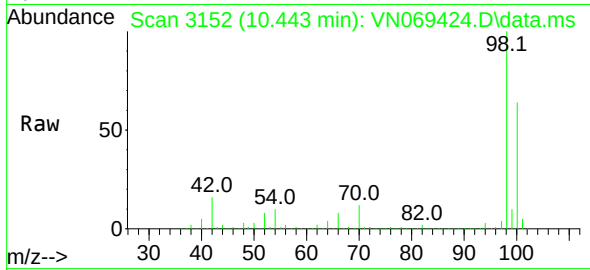
Tgt Ion: 41 Resp: 2577
Ion Ratio Lower Upper
41 100
69 48.6 72.4 108.6#
39 92.0 58.4 87.6#





#50
Toluene-d8
Concen: 52.685 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

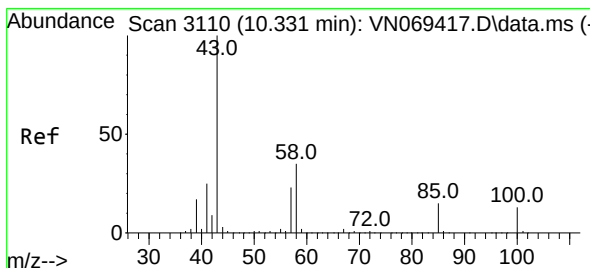
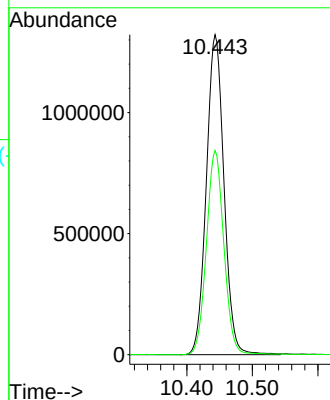
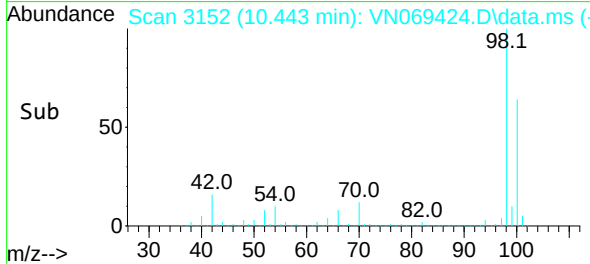
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 98 Resp: 2463714
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6

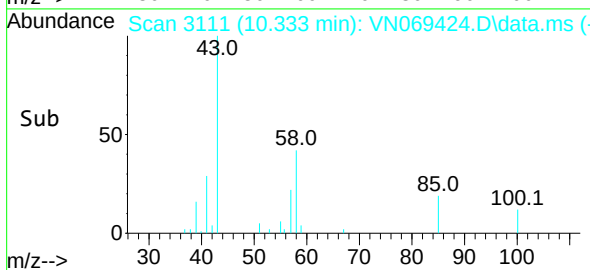
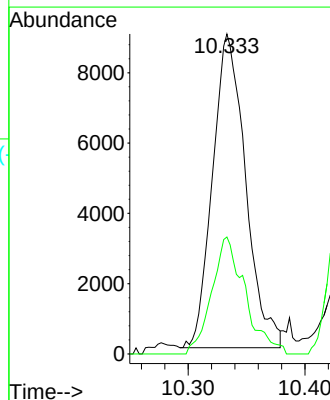
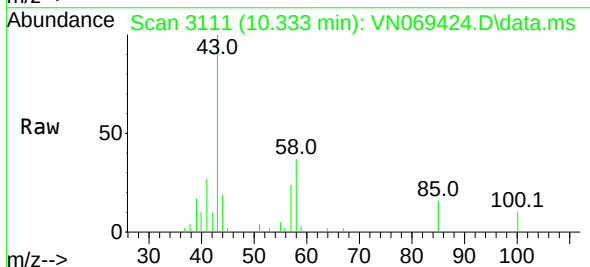
Manual Integrations
APPROVED

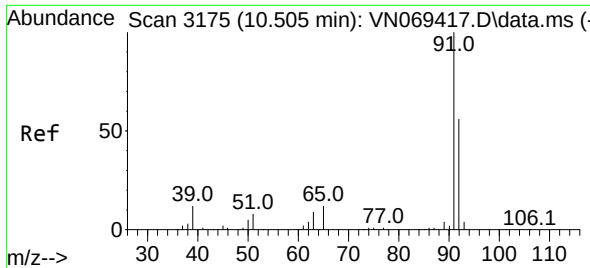
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#51
4-Methyl-2-Pentanone
Concen: 0.750 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

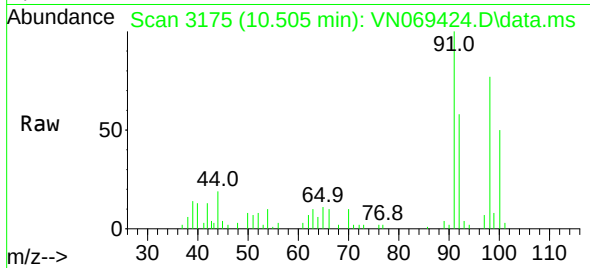
Tgt Ion: 43 Resp: 17530
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6





#52
Toluene
Concen: 0.358 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

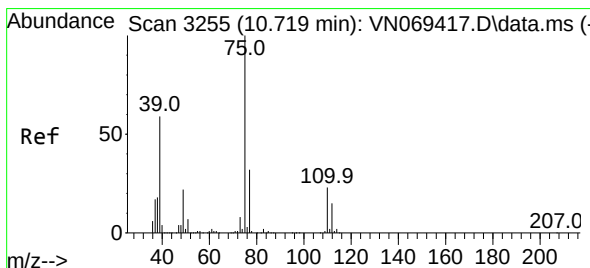
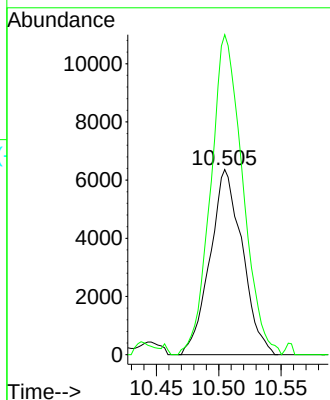
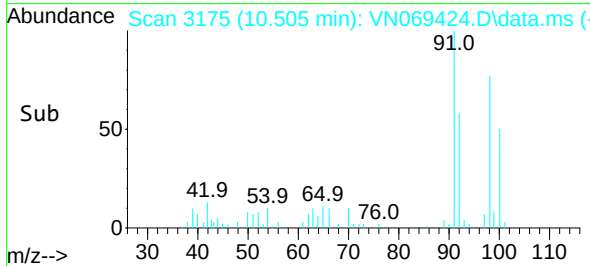
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



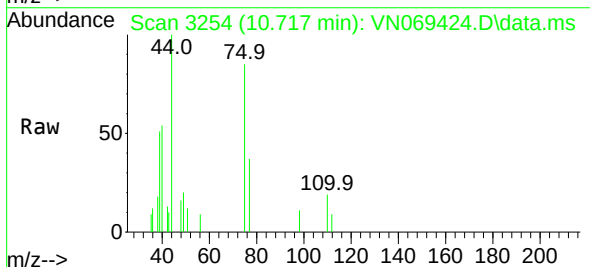
Tgt Ion: 92 Resp: 1147
Ion Ratio Lower Upper
92 100
91 171.0 142.0 213.0

Manual Integrations
APPROVED

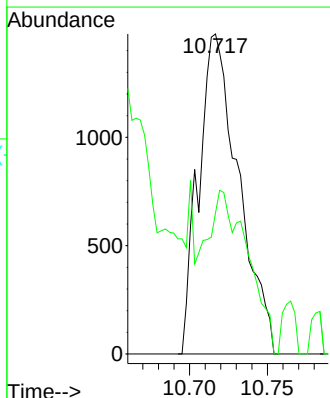
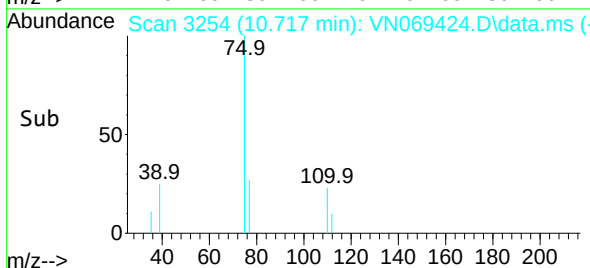
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

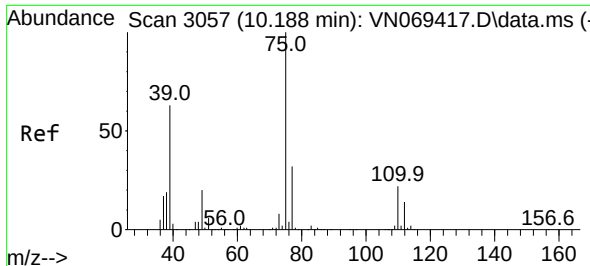


#53
t-1,3-Dichloropropene
Concen: 0.147 ug/l
RT: 10.717 min Scan# 3254
Delta R.T. -0.002 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02



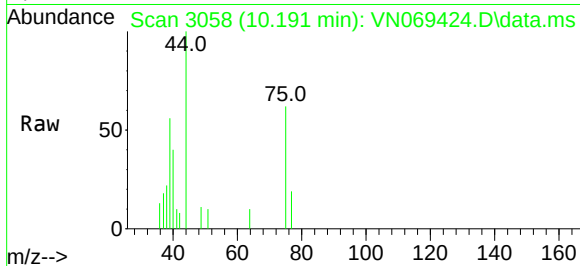
Tgt Ion: 75 Resp: 2634
Ion Ratio Lower Upper
75 100
77 44.1 25.6 38.4#





#54
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/l
 RT: 10.191 min Scan# 3057
 Delta R.T. 0.003 min
 Lab File: VN069424.D
 Acq: 9 Nov 2021 18:02

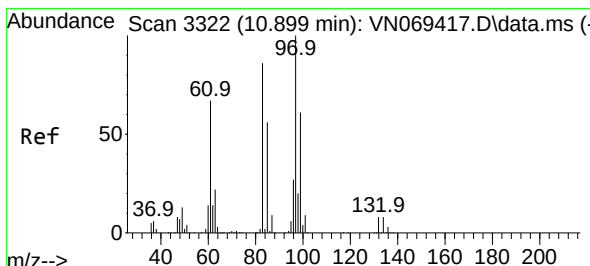
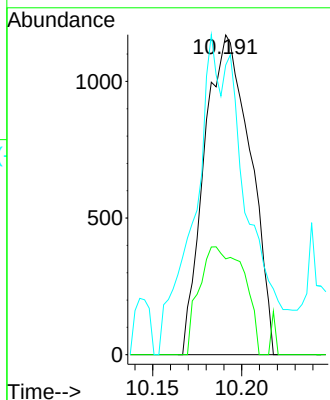
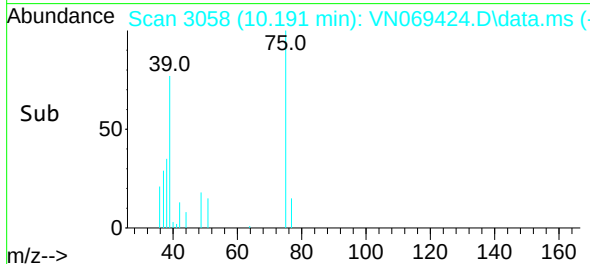
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 75 Resp: 2099
 Ion Ratio Lower Upper
 75 100
 77 30.0 26.4 39.6
 39 73.8 42.5 63.7

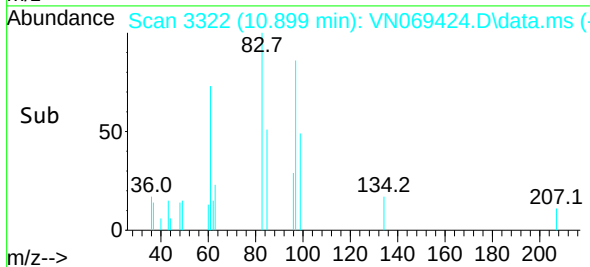
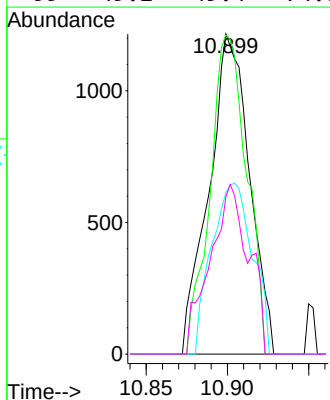
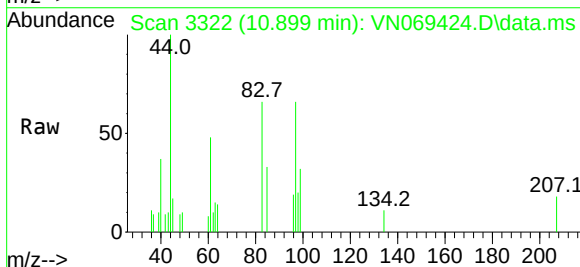
Manual Integrations
 APPROVED

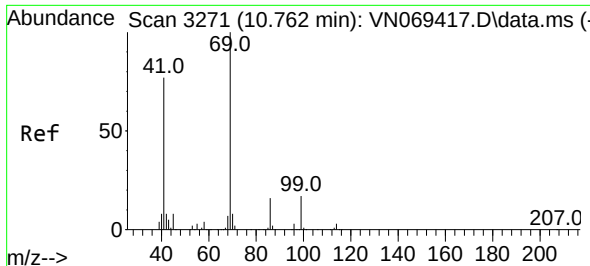
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021



#55
 1,1,2-Trichloroethane
 Concen: 0.163 ug/l
 RT: 10.899 min Scan# 3322
 Delta R.T. 0.000 min
 Lab File: VN069424.D
 Acq: 9 Nov 2021 18:02

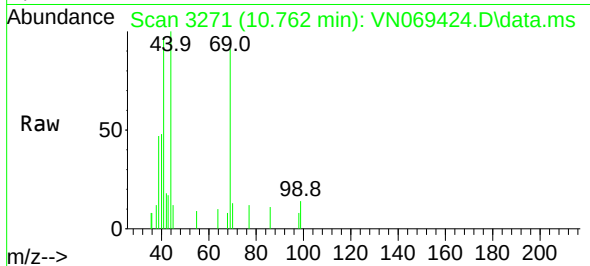
Tgt Ion: 97 Resp: 2104
 Ion Ratio Lower Upper
 97 100
 83 99.8 67.8 101.6
 85 50.5 45.4 68.2
 99 49.2 49.4 74.0





#56
Ethyl methacrylate
Concen: 0.157 ug/l
RT: 10.762 min Scan# 3360
Delta R.T. 0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

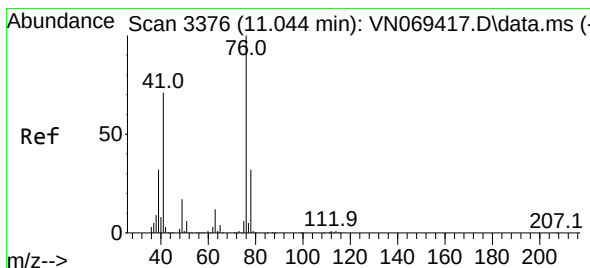
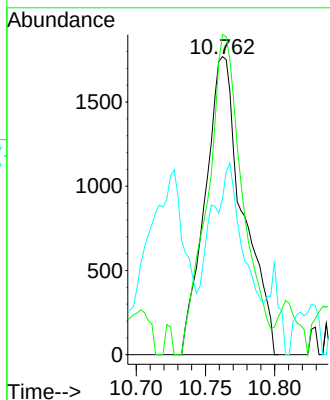
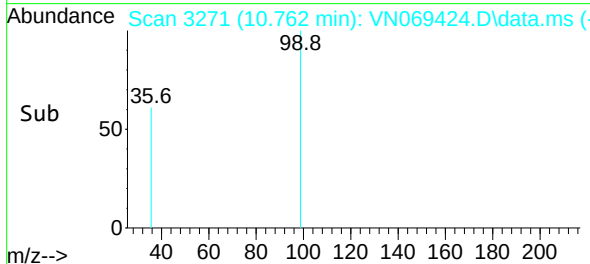
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



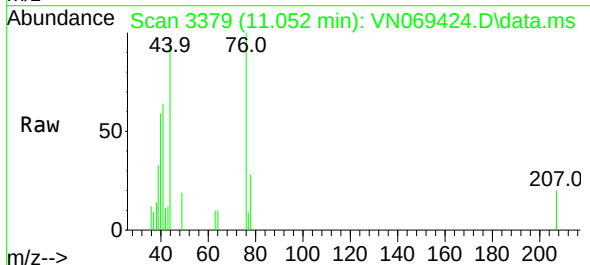
Tgt Ion: 69 Resp: 3360
Ion Ratio Lower Upper
69 100
41 100.1 51.4 77.0
39 52.5 34.6 52.0

Manual Integrations
APPROVED

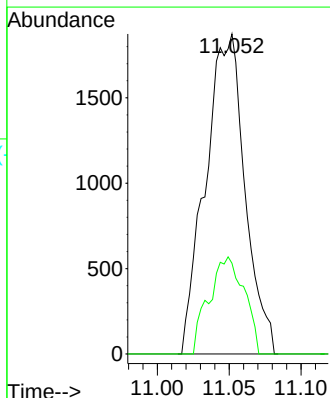
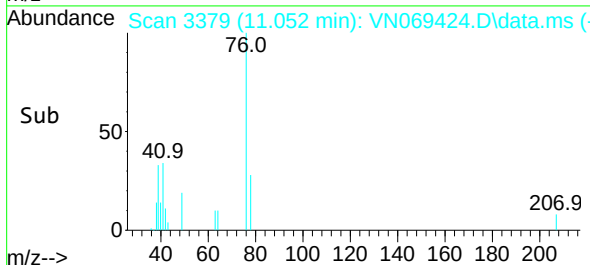
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

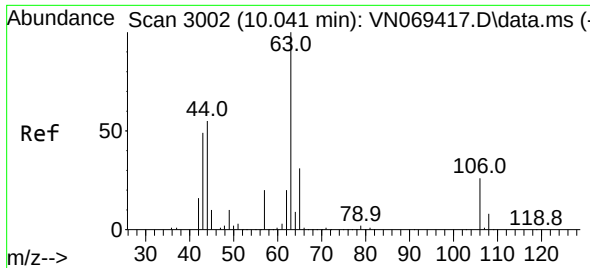


#57
1,3-Dichloropropane
Concen: 0.157 ug/l
RT: 11.052 min Scan# 3379
Delta R.T. 0.008 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02



Tgt Ion: 76 Resp: 3570
Ion Ratio Lower Upper
76 100
78 27.1 25.7 38.5





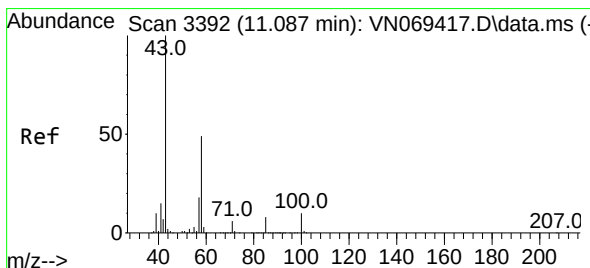
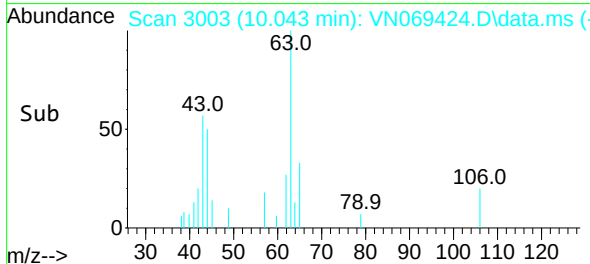
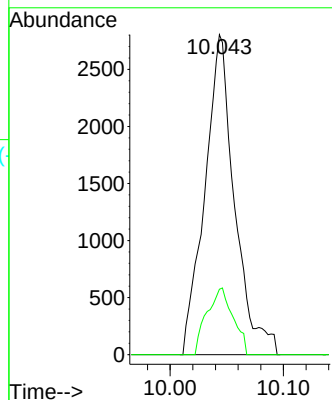
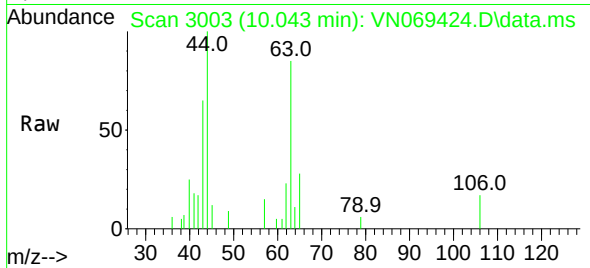
#58
2-Chloroethyl Vinyl ether
Concen: 1.031 ug/l
RT: 10.043 min Scan# 3002
Delta R.T. 0.002 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

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

Tgt Ion: 63 Resp: 511
Ion Ratio Lower Upper
63 100
106 18.3 23.9 35.9

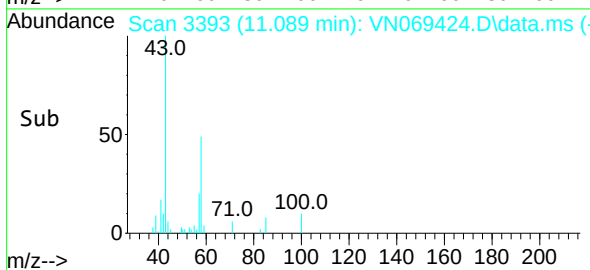
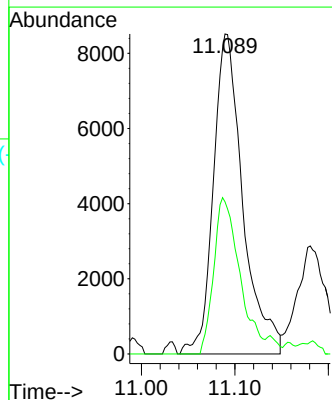
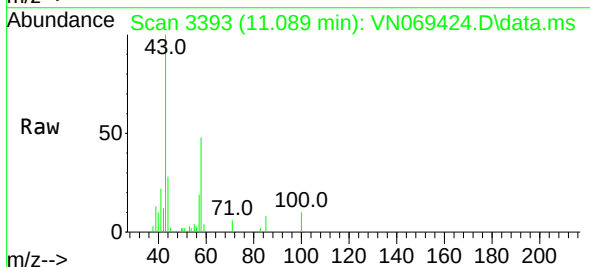
Manual Integrations
APPROVED

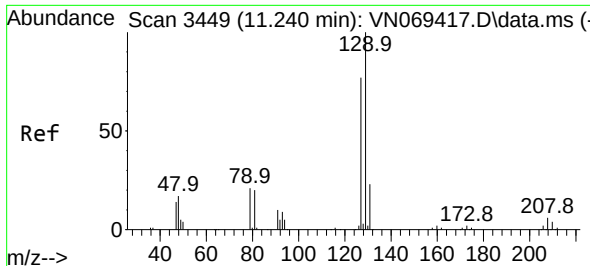
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#59
2-Hexanone
Concen: 1.071 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

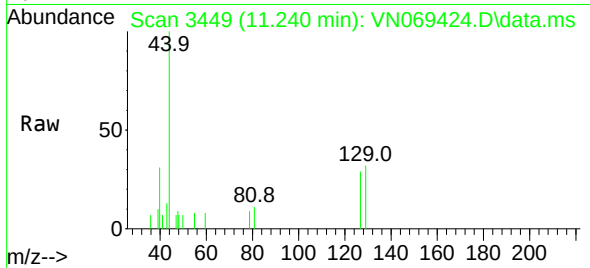
Tgt Ion: 43 Resp: 18662
Ion Ratio Lower Upper
43 100
58 42.9 26.9 80.7





#60
Dibromochloromethane
Concen: 0.081 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

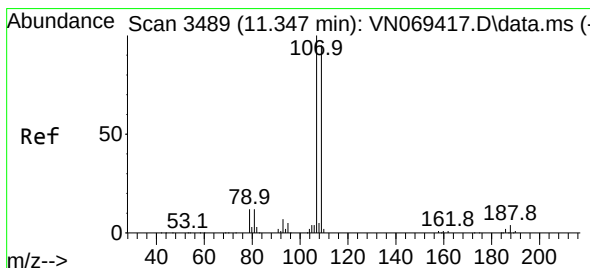
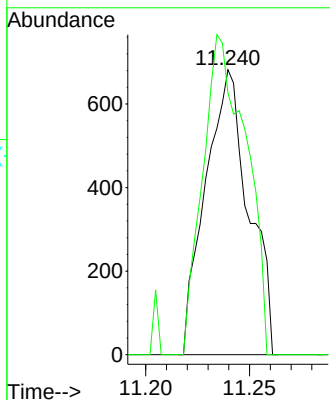
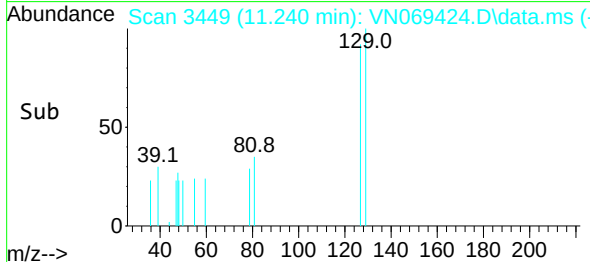
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



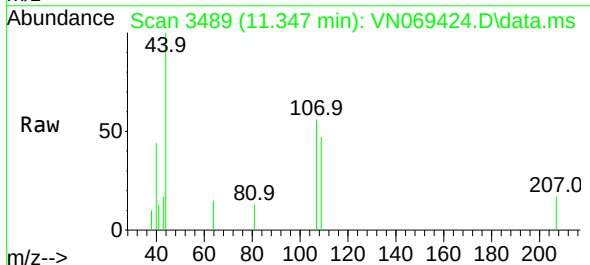
Tgt Ion:129 Resp: 989
Ion Ratio Lower Upper
129 100
127 113.1 38.6 116.0

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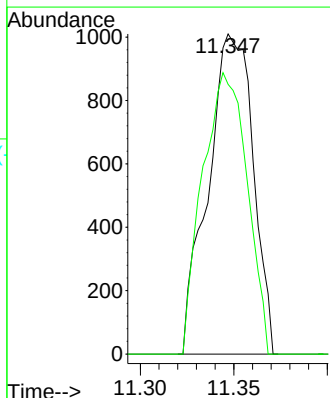
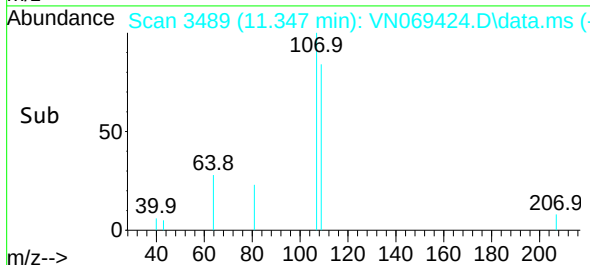
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

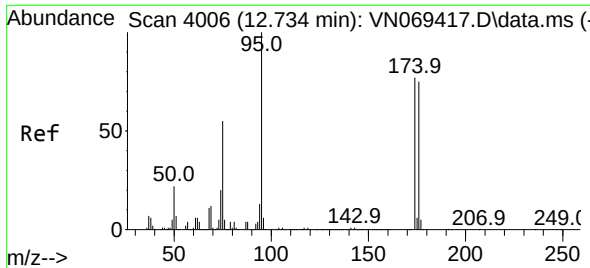


#61
1,2-Dibromoethane
Concen: 0.129 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02



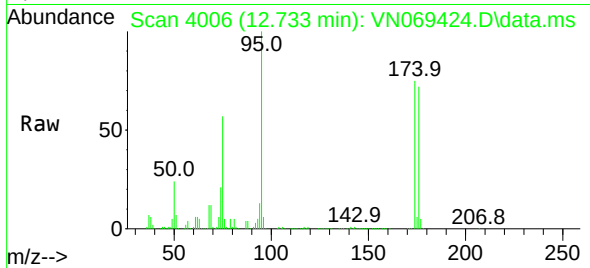
Tgt Ion:107 Resp: 1689
Ion Ratio Lower Upper
107 100
109 87.1 75.7 113.5





#62
4-Bromofluorobenzene
Concen: 42.127 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

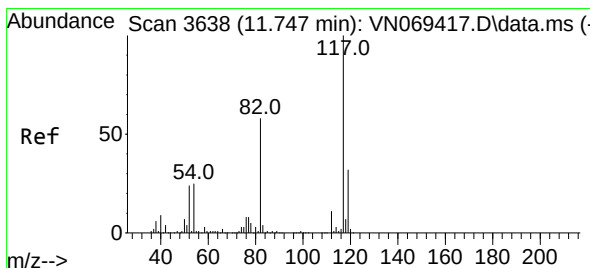
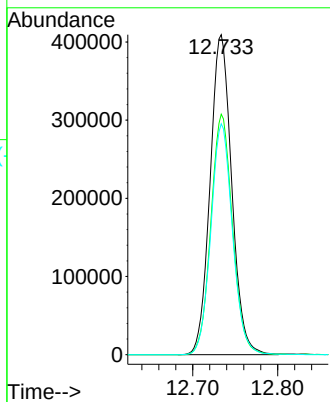
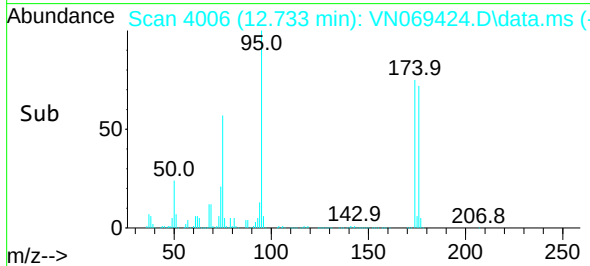
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 95 Resp: 723690
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 72.2 0.0 181.4

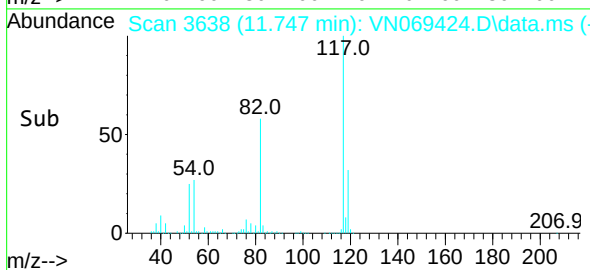
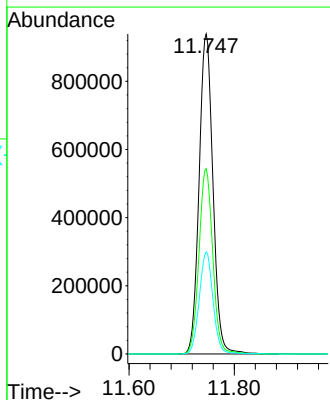
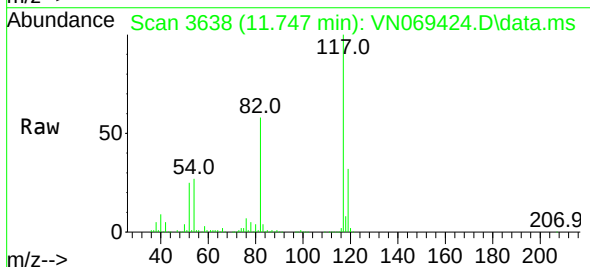
Manual Integrations
APPROVED

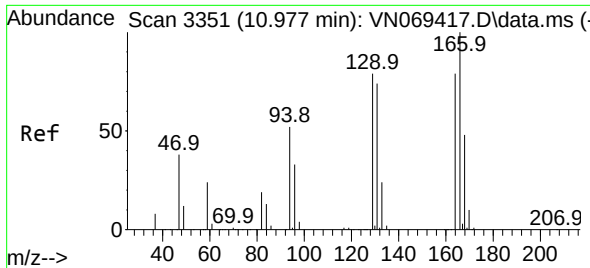
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

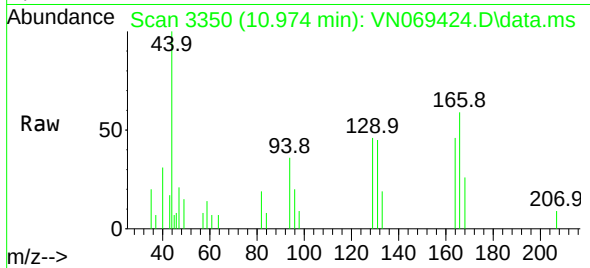
Tgt Ion:117 Resp: 1715434
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 31.9 25.4 38.2





#64
Tetrachloroethene
Concen: 0.187 ug/l
RT: 10.974 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

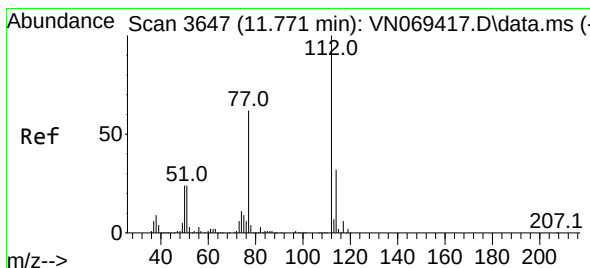
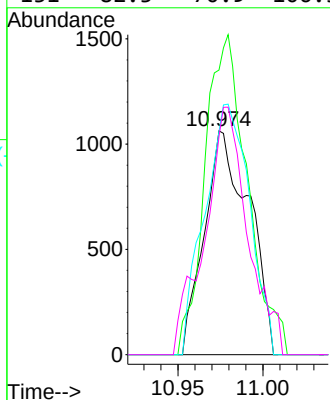
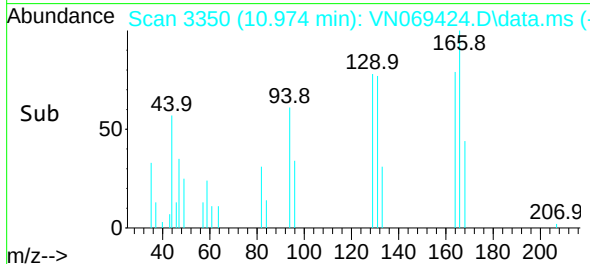
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:164 Resp: 194
Ion Ratio Lower Upper
164 100
166 127.2 101.9 152.9
129 99.7 72.0 108.0
131 82.3 70.9 106.3

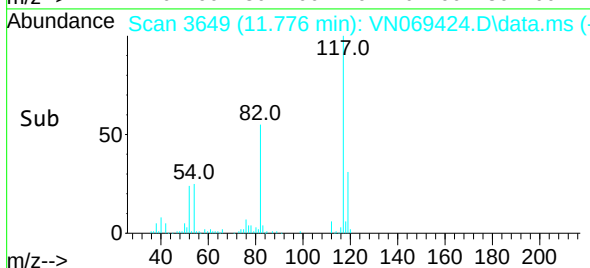
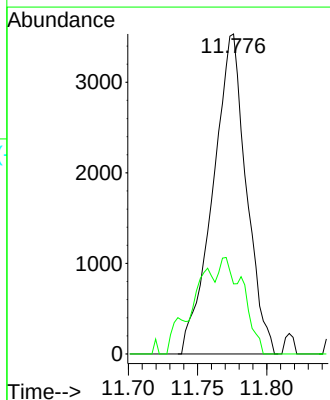
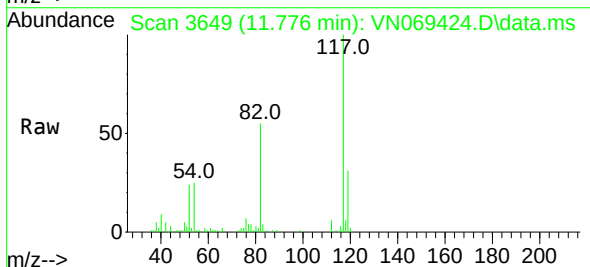
Manual Integrations
APPROVED

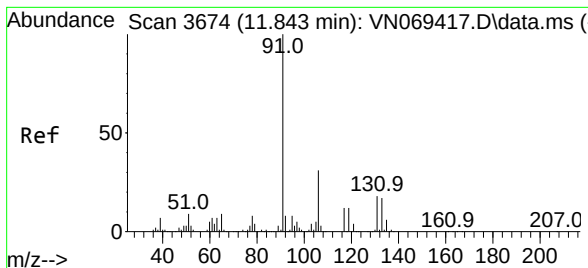
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#65
Chlorobenzene
Concen: 0.185 ug/l
RT: 11.776 min Scan# 3649
Delta R.T. 0.005 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

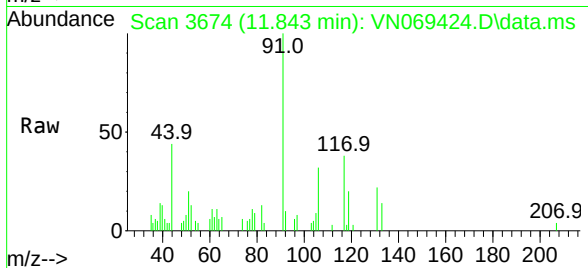
Tgt Ion:112 Resp: 5922
Ion Ratio Lower Upper
112 100
114 21.9 25.4 38.0#





#66
1,1,1,2-Tetrachloroethane
Concen: 0.129 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

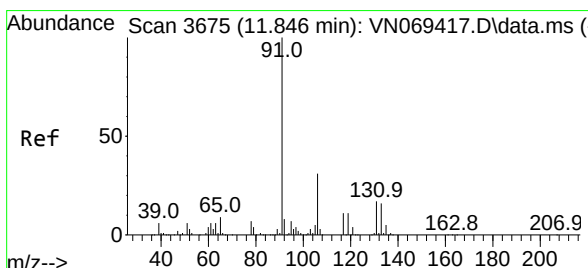
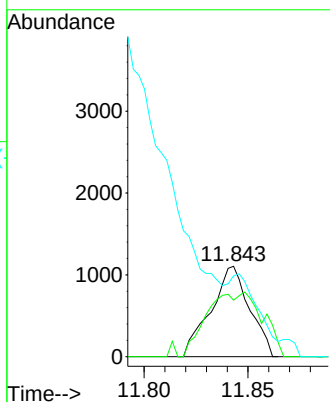
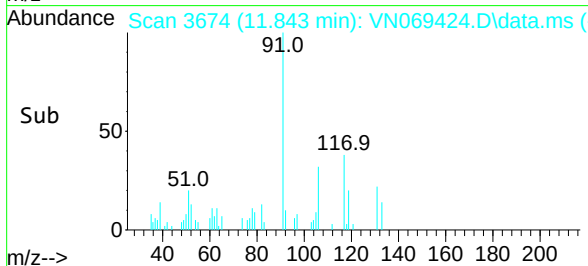
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



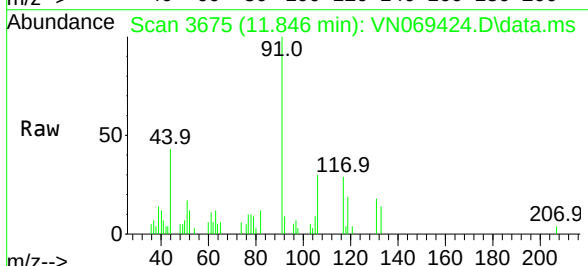
Tgt Ion:131 Resp: 143
Ion Ratio Lower Upper
131 100
133 54.0 47.9 143.7
119 0.0 32.1 96.5

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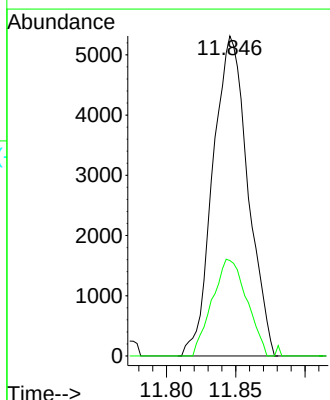
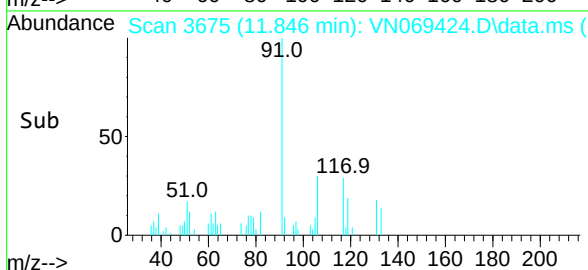
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

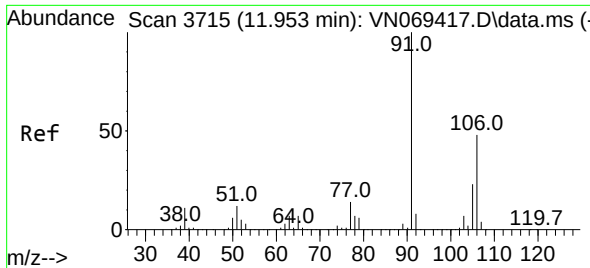


#67
Ethyl Benzene
Concen: 0.158 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02



Tgt Ion: 91 Resp: 9330
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5





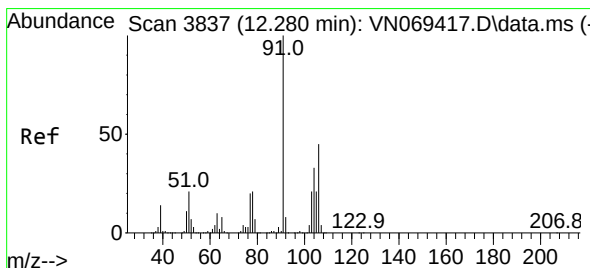
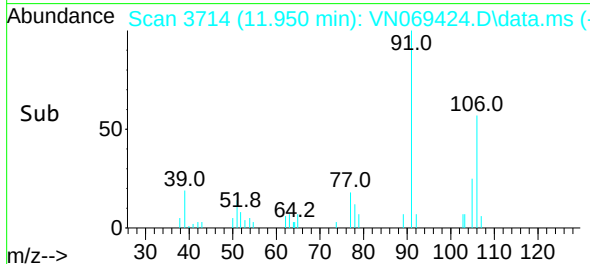
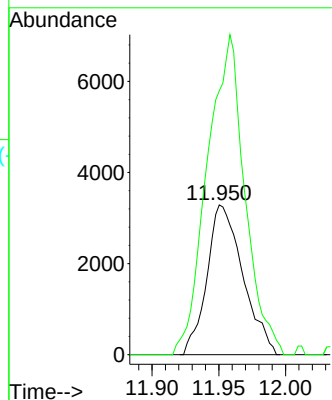
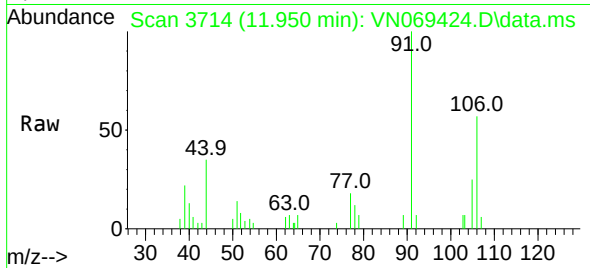
#68
m/p-Xylenes
Concen: 0.285 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

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

Tgt Ion:106 Resp: 616
Ion Ratio Lower Upper
106 100
91 223.2 160.6 240.8

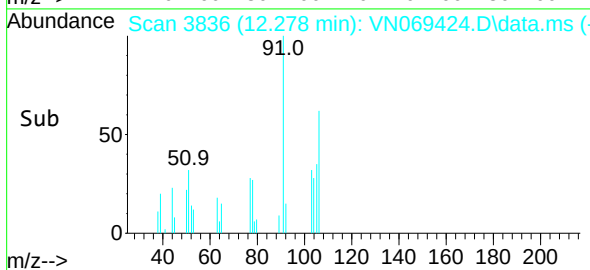
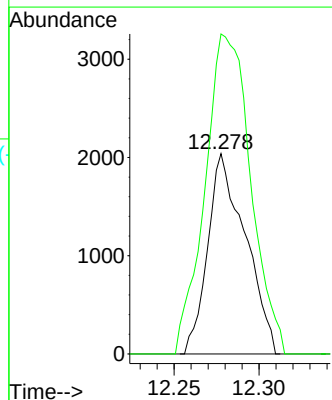
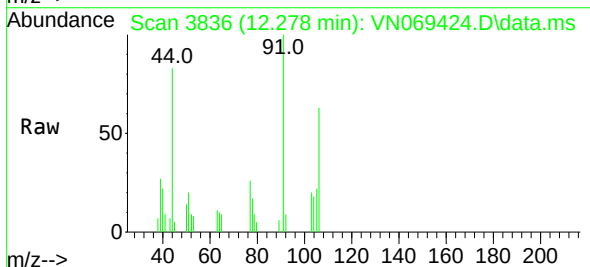
Manual Integrations
APPROVED

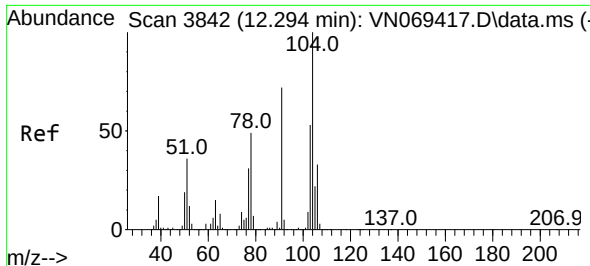
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#69
o-Xylene
Concen: 0.145 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.002 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

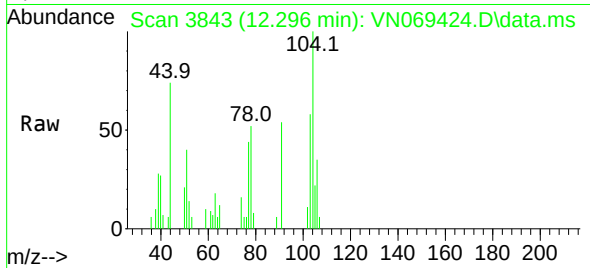
Tgt Ion:106 Resp: 3137
Ion Ratio Lower Upper
106 100
91 193.9 105.8 317.3





#70
Styrene
Concen: 0.136 ug/l
RT: 12.296 min Scan# 3842
Delta R.T. 0.002 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

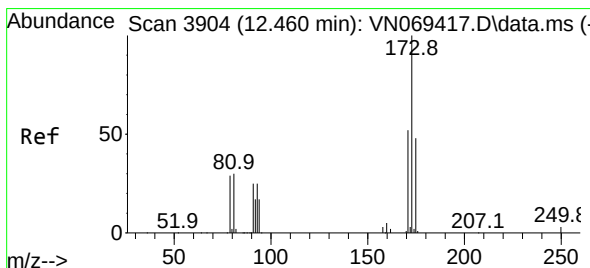
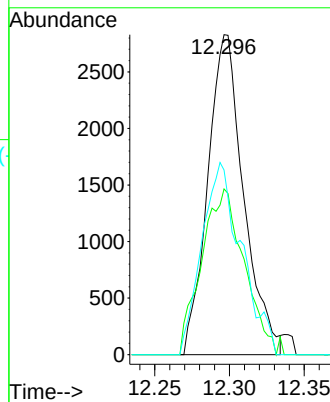
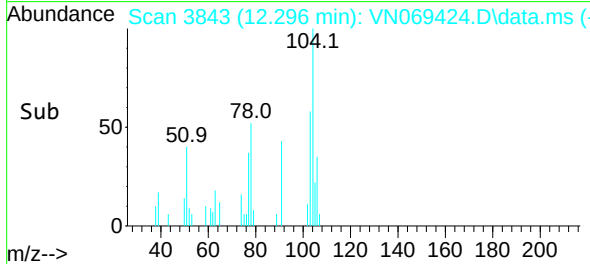
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion:104 Resp: 4734
Ion Ratio Lower Upper
104 100
78 61.6 38.7 58.1
103 66.3 45.0 67.6

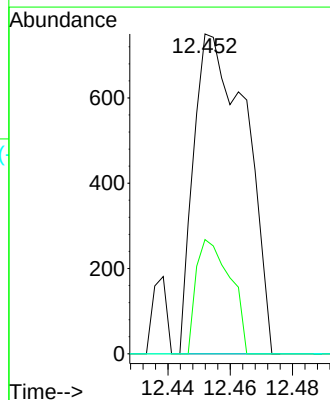
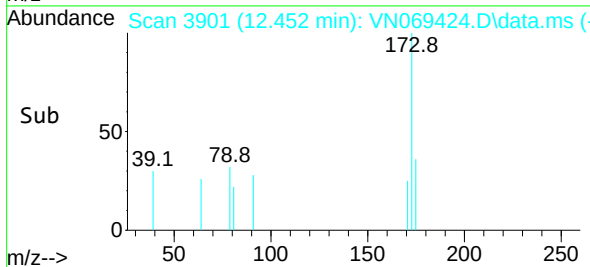
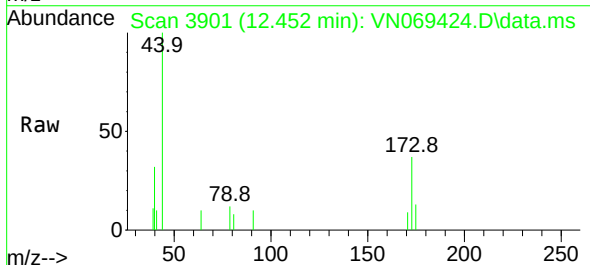
Manual Integrations
APPROVED

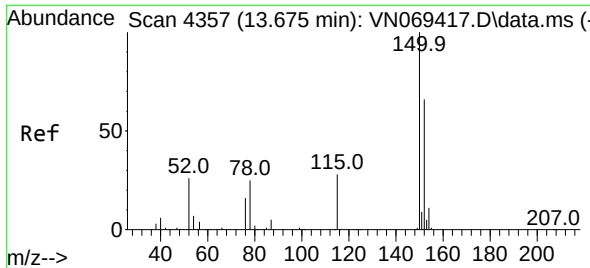
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#71
Bromoform
Concen: 0.111 ug/l
RT: 12.452 min Scan# 3901
Delta R.T. -0.008 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

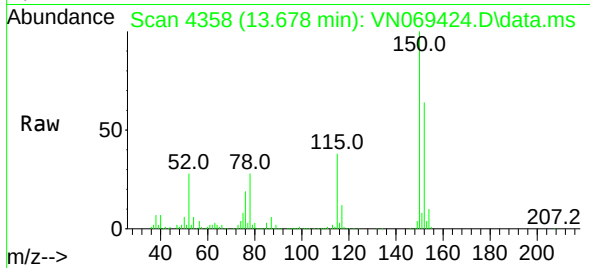
Tgt Ion:173 Resp: 876
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

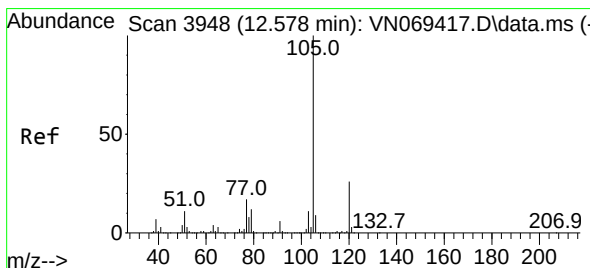
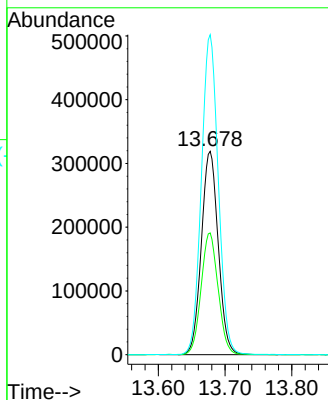
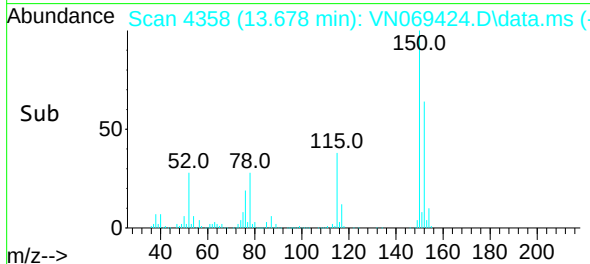
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



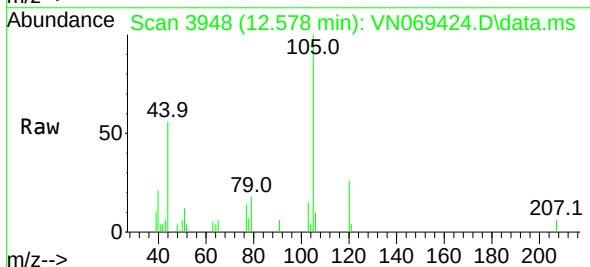
Tgt Ion:152 Resp: 55982
Ion Ratio Lower Upper
152 100
115 60.0 27.5 82.5
150 157.4 0.0 344.4

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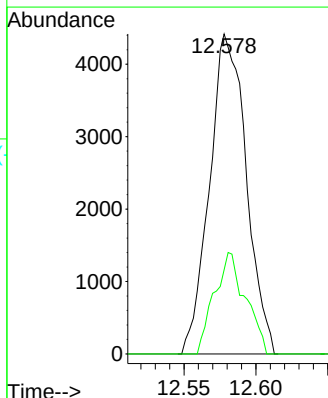
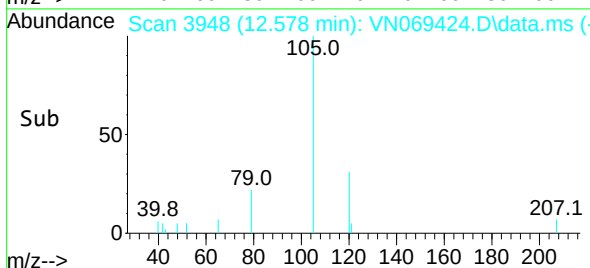
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

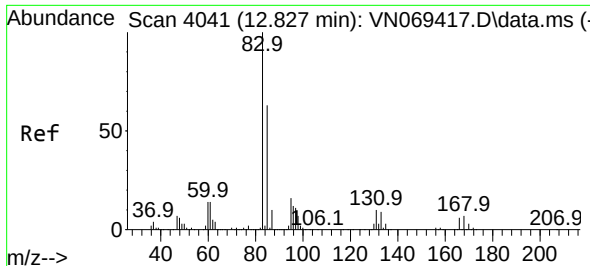


#73
Isopropylbenzene
Concen: 0.176 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02



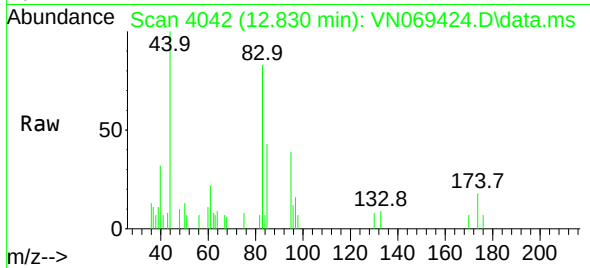
Tgt Ion:105 Resp: 7832
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1





#75
1,1,2,2-Tetrachloroethane
Concen: 0.210 ug/l
RT: 12.830 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

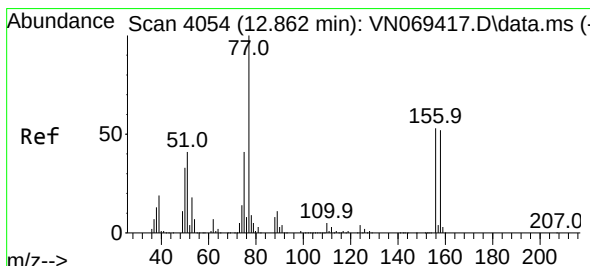
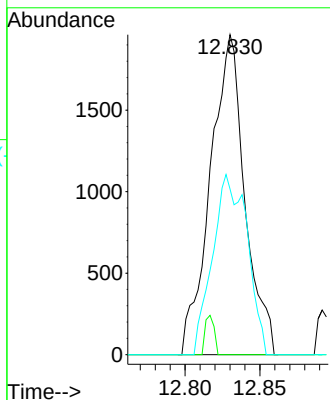
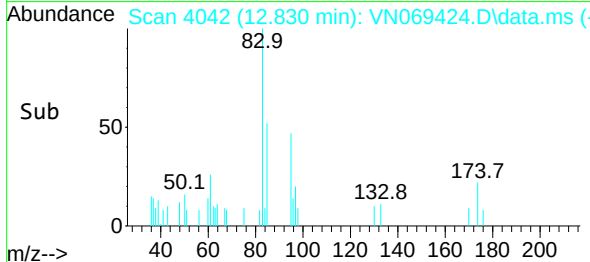
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 83 Resp: 3150
Ion Ratio Lower Upper
83 100
131 3.2 5.5 16.5
85 56.6 32.4 97.2

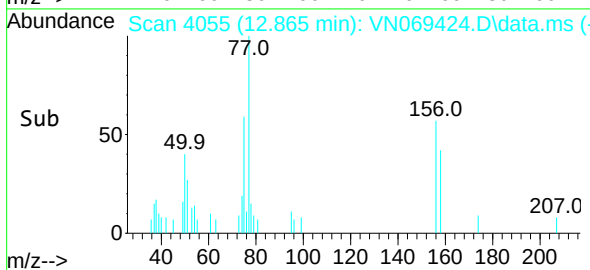
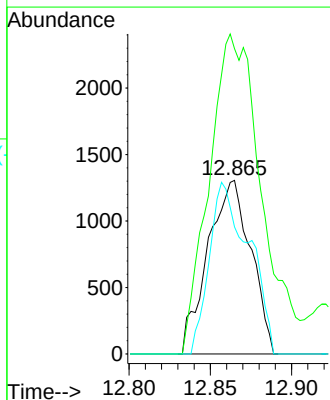
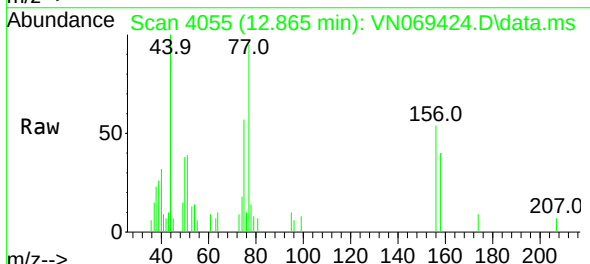
Manual Integrations
APPROVED

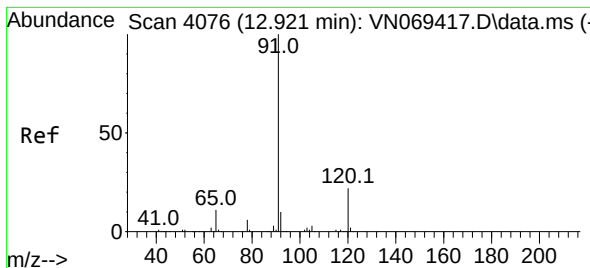
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#77
Bromobenzene
Concen: 0.235 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion:156 Resp: 2399
Ion Ratio Lower Upper
156 100
77 222.9 90.6 271.8
158 91.2 48.9 146.7





#78

n-propylbenzene

Concen: 0.213 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. 0.000 min

Lab File: VN069424.D

Acq: 9 Nov 2021 18:02

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 91 Resp: 10659

Ion Ratio Lower Upper

91 100

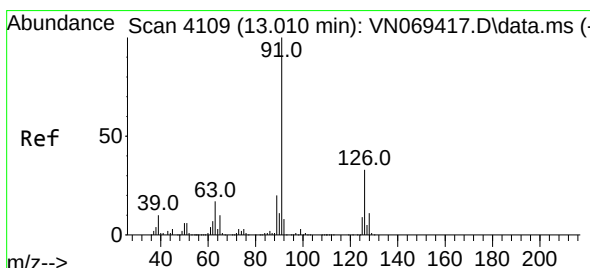
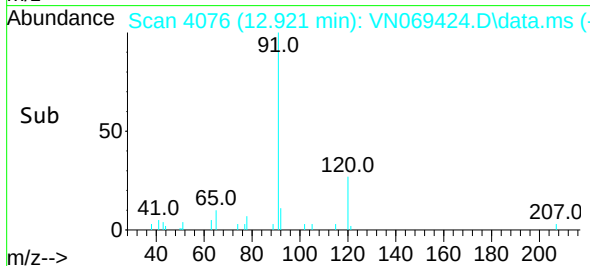
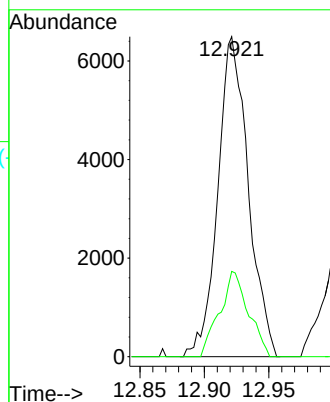
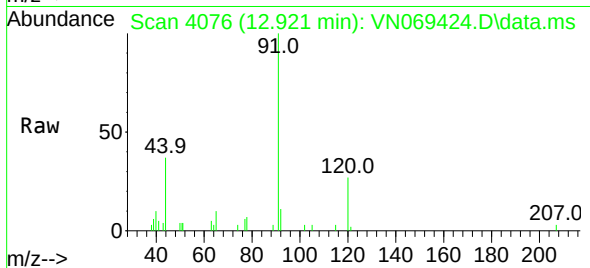
120 25.1 11.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#79

2-Chlorotoluene

Concen: 0.222 ug/l m

RT: 13.007 min Scan# 4108

Delta R.T. -0.003 min

Lab File: VN069424.D

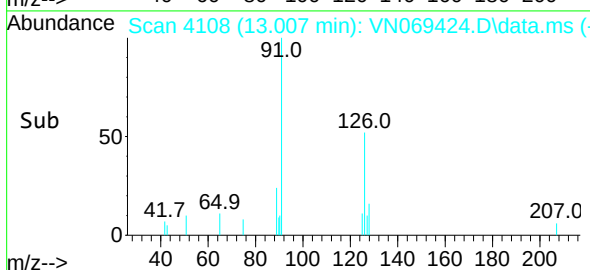
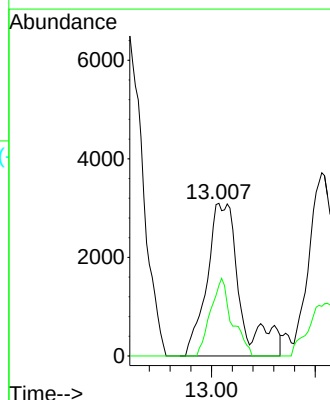
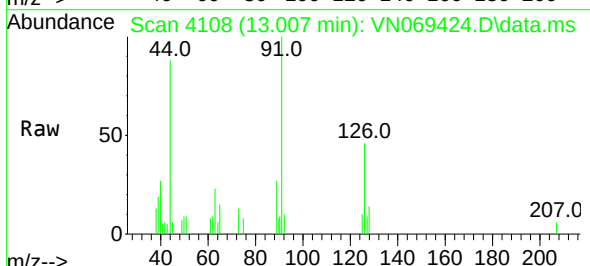
Acq: 9 Nov 2021 18:02

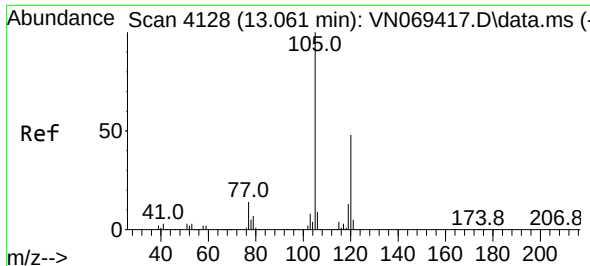
Tgt Ion: 91 Resp: 6902

Ion Ratio Lower Upper

91 100

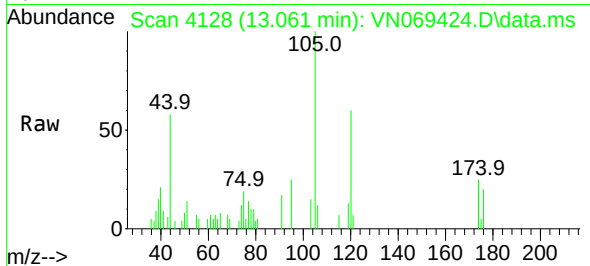
126 34.0 18.3 54.8





#80
1,3,5-Trimethylbenzene
Concen: 0.183 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

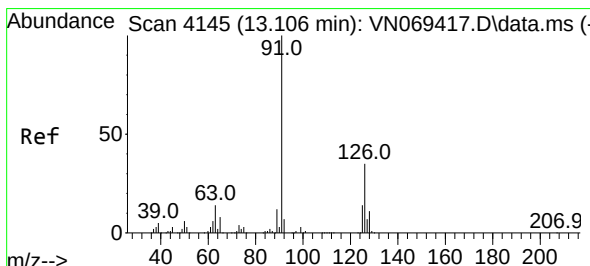
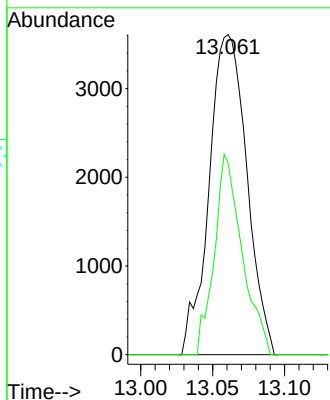
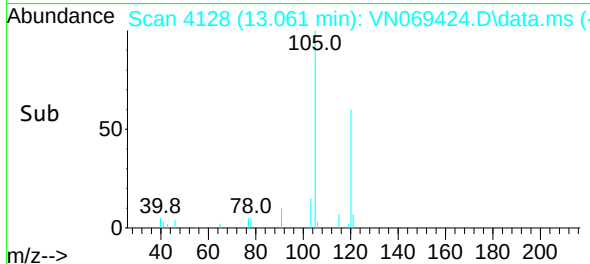
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



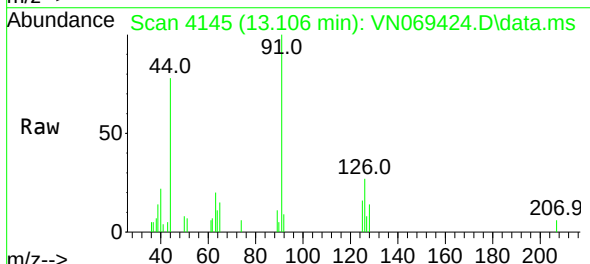
Tgt Ion:105 Resp: 6590
Ion Ratio Lower Upper
105 100
120 46.0 24.6 73.6

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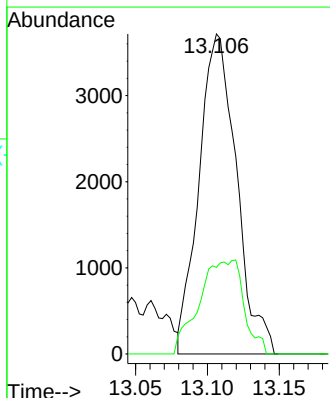
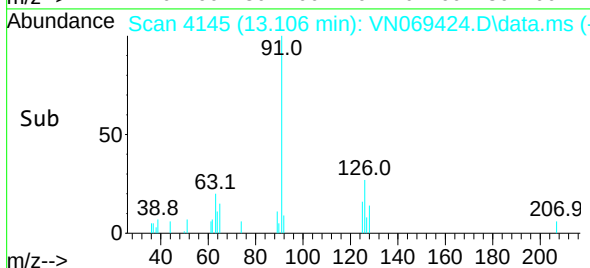
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

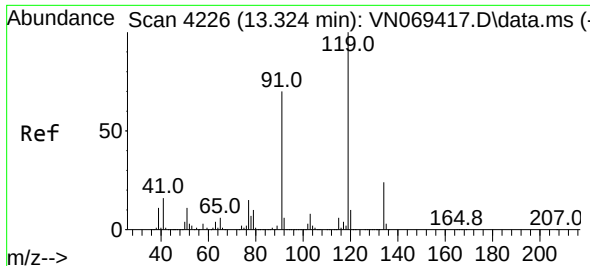


#82
4-Chlorotoluene
Concen: 0.228 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02



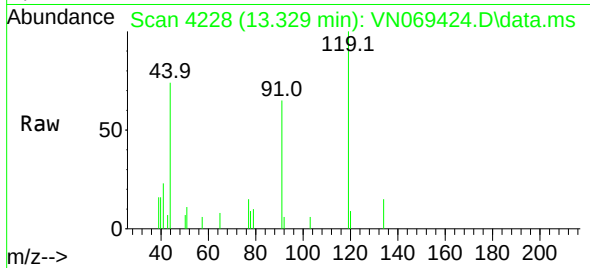
Tgt Ion: 91 Resp: 6738
Ion Ratio Lower Upper
91 100
126 34.8 18.2 54.6





#83
tert-Butylbenzene
Concen: 0.186 ug/l
RT: 13.329 min Scan# 4226
Delta R.T. 0.005 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

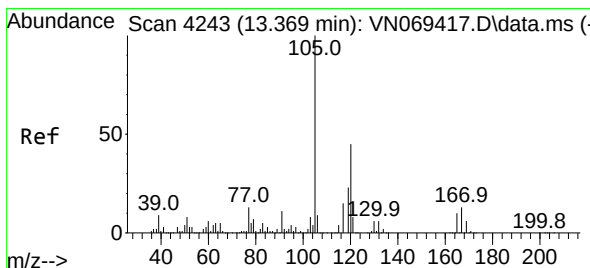
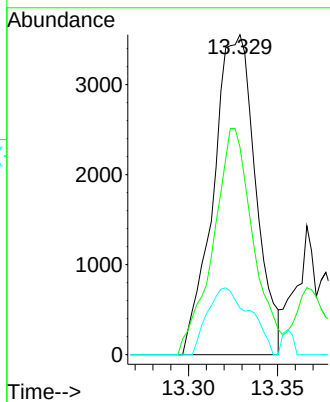
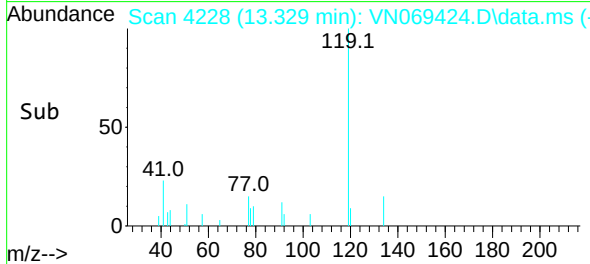
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:119 Resp: 586
Ion Ratio Lower Upper
119 100
91 66.9 31.5 94.5
134 21.0 12.4 37.4

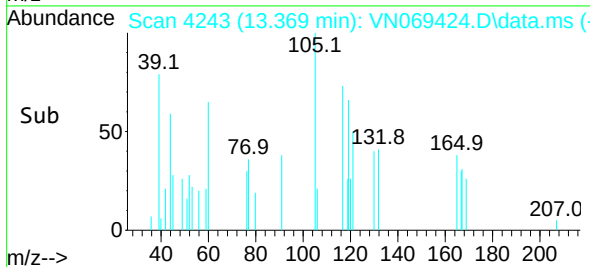
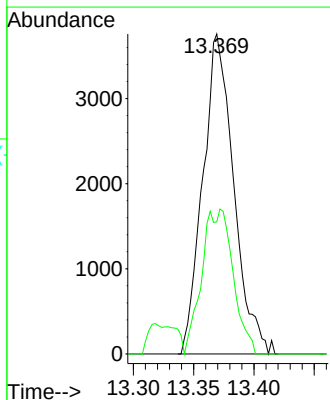
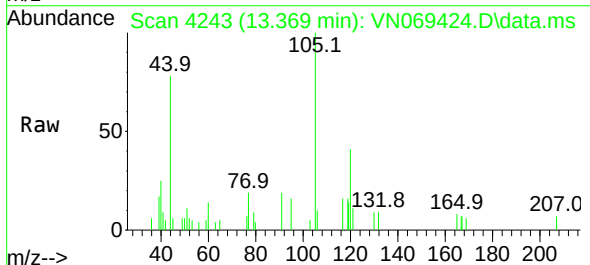
Manual Integrations
APPROVED

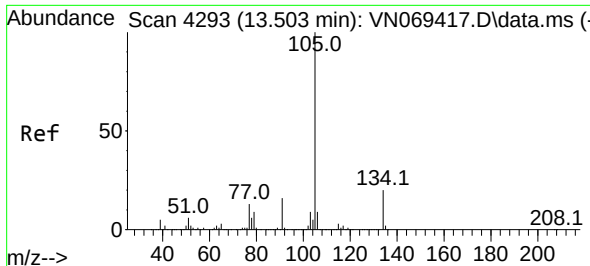
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#84
1,2,4-Trimethylbenzene
Concen: 0.193 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

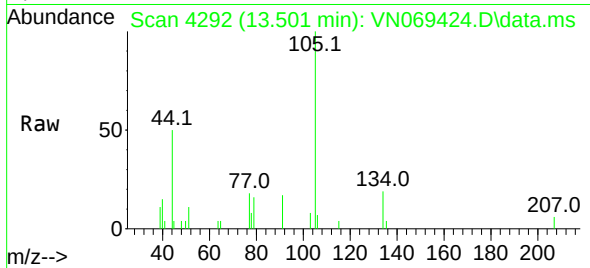
Tgt Ion:105 Resp: 6702
Ion Ratio Lower Upper
105 100
120 19.8 22.8 68.4#





#85
 sec-Butylbenzene
 Concen: 0.172 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN069424.D
 Acq: 9 Nov 2021 18:02

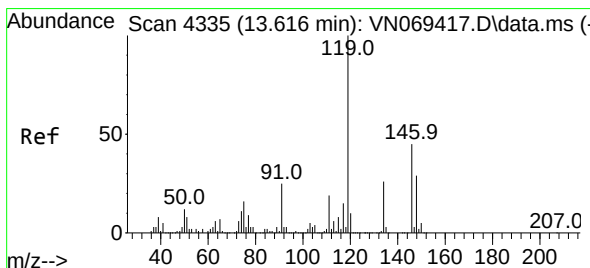
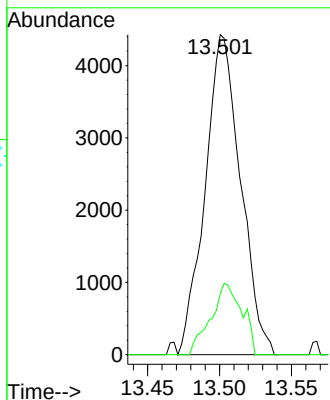
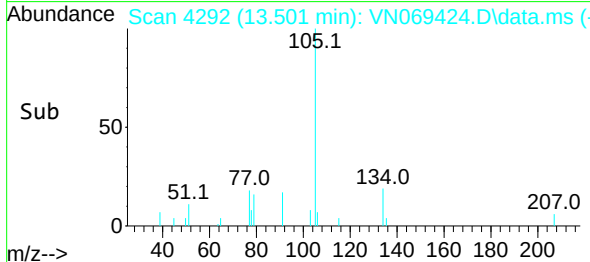
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021



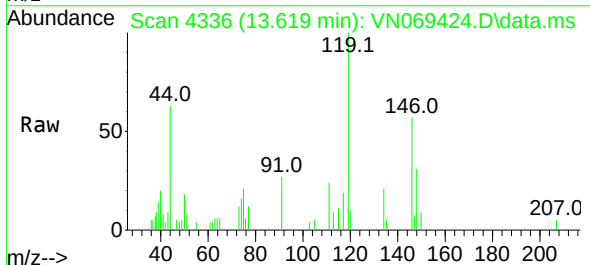
Tgt Ion:105 Resp: 7600
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

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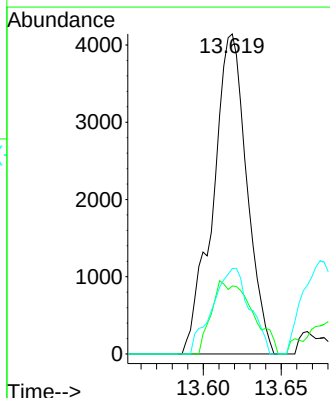
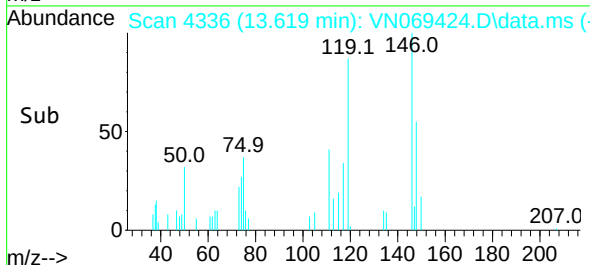
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021

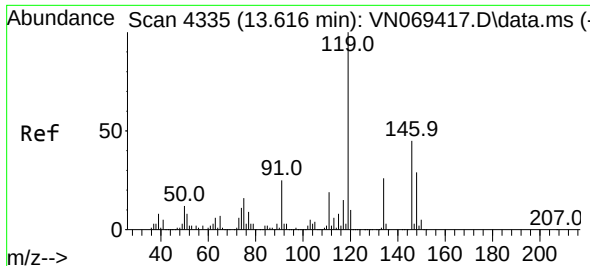


#86
 p-Isopropyltoluene
 Concen: 0.179 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.003 min
 Lab File: VN069424.D
 Acq: 9 Nov 2021 18:02



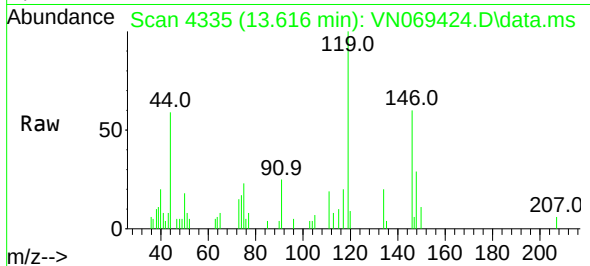
Tgt Ion:119 Resp: 6267
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.7
 91 29.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 0.236 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

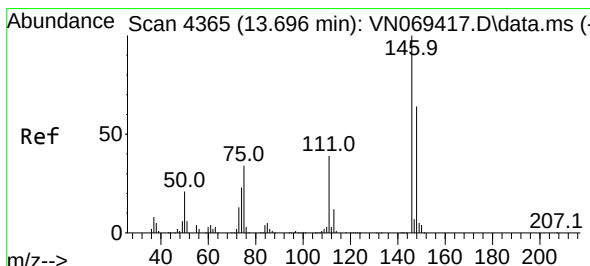
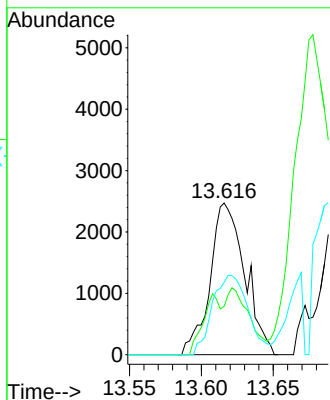
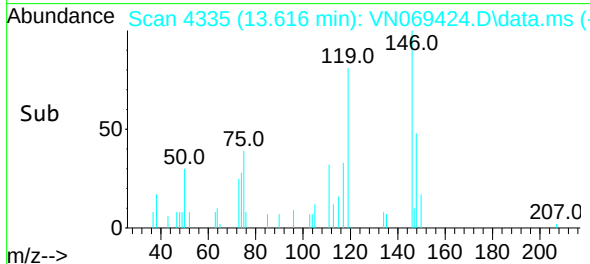
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



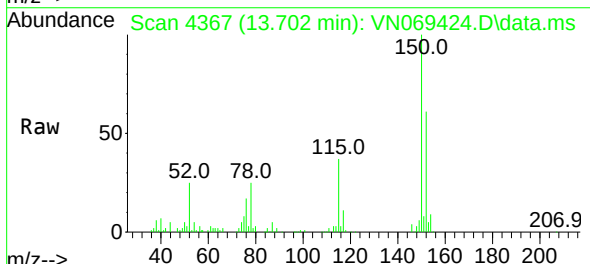
Tgt Ion:146 Resp: 416
Ion Ratio Lower Upper
146 100
111 28.3 18.6 55.6
148 53.9 31.6 95.0

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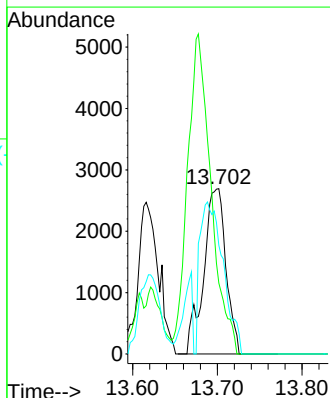
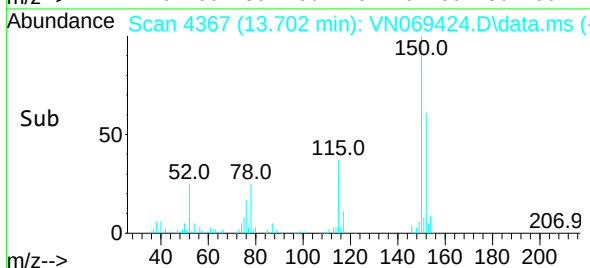
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

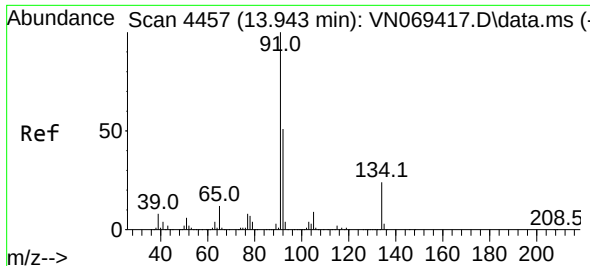


#88
1,4-Dichlorobenzene
Concen: 0.284 ug/l m
RT: 13.702 min Scan# 4367
Delta R.T. 0.006 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02



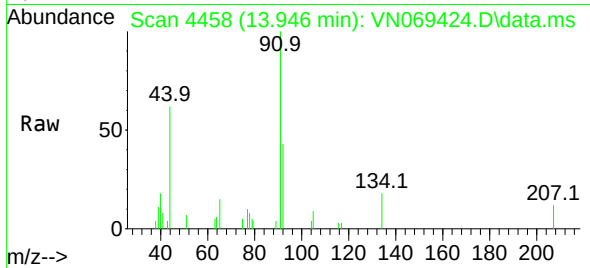
Tgt Ion:146 Resp: 4923
Ion Ratio Lower Upper
146 100
111 23.9 18.3 54.8
148 45.6 31.8 95.4





#89
n-Butylbenzene
Concen: 0.263 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

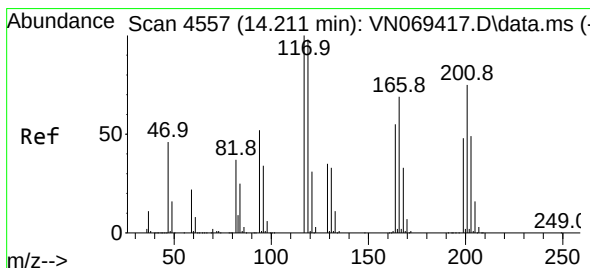
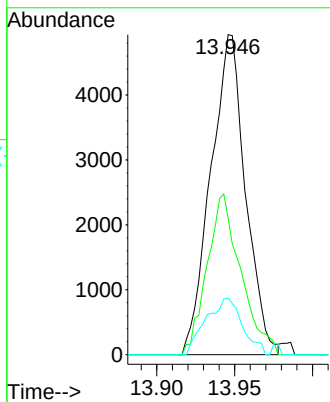
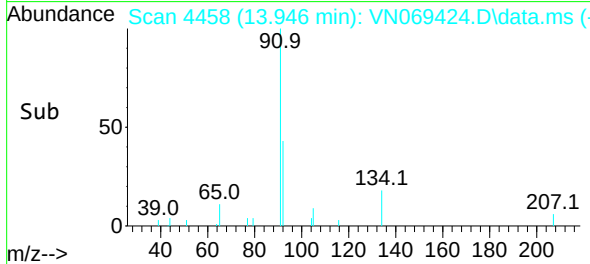
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 91 Resp: 767
Ion Ratio Lower Upper
91 100
92 48.4 25.4 76.0
134 18.5 13.6 40.8

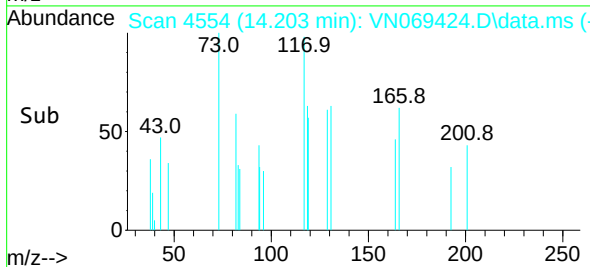
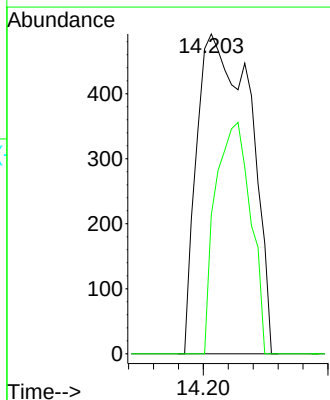
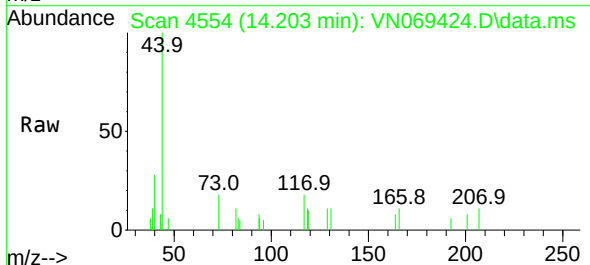
Manual Integrations
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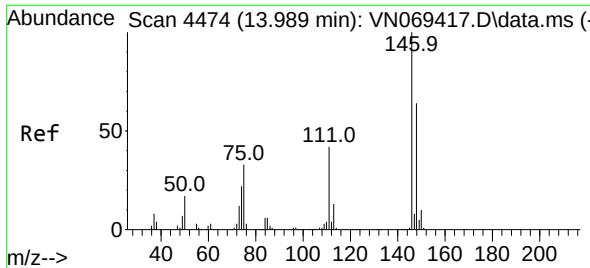
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#90
Hexachloroethane
Concen: 0.126 ug/l
RT: 14.203 min Scan# 4554
Delta R.T. -0.008 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

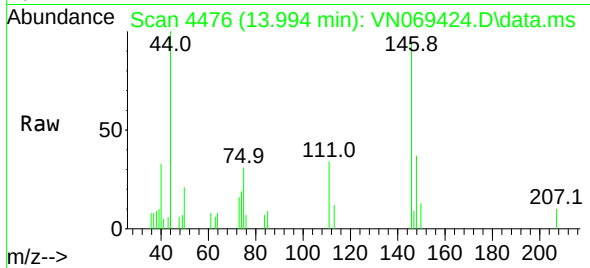
Tgt Ion:117 Resp: 726
Ion Ratio Lower Upper
117 100
201 47.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 0.277 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.005 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

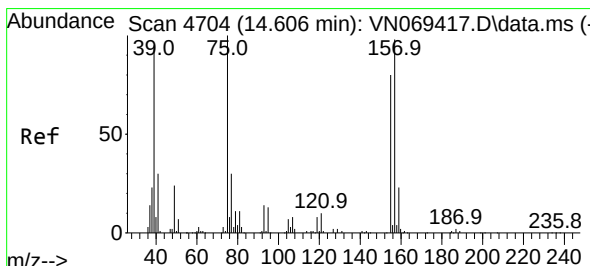
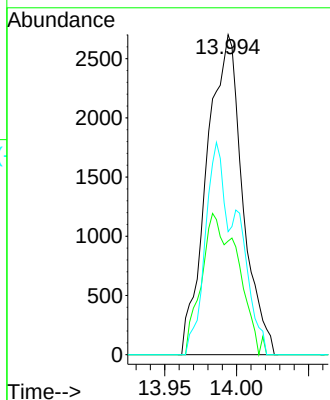
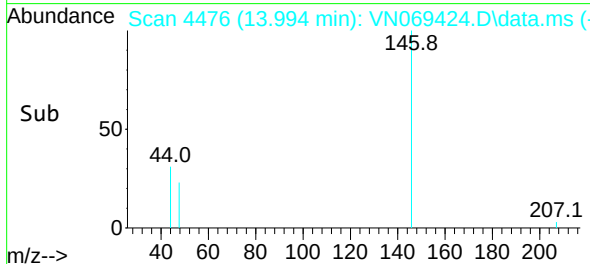
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



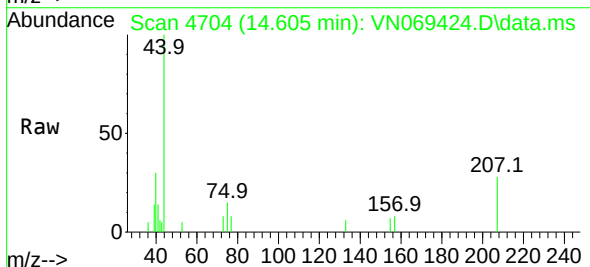
Tgt Ion:146 Resp: 466
Ion Ratio Lower Upper
146 100
111 27.0 19.1 57.3
148 37.8 32.1 96.3

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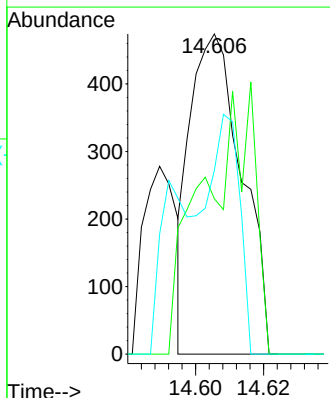
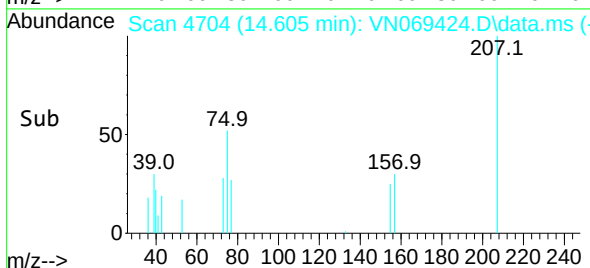
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

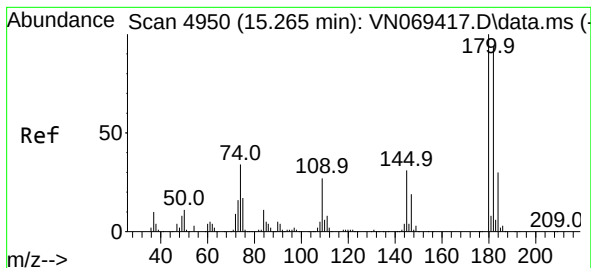


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.205 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.001 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02



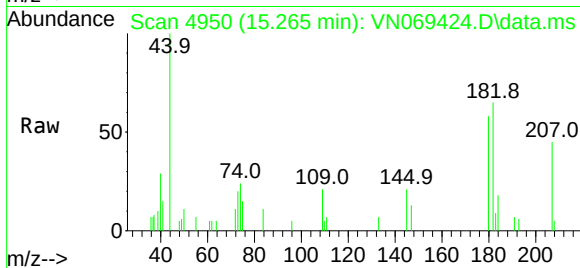
Tgt Ion: 75 Resp: 499
Ion Ratio Lower Upper
75 100
155 82.6 46.9 140.7
157 44.9 60.6 181.7#





#93
1,2,4-Trichlorobenzene
Concen: 0.461 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

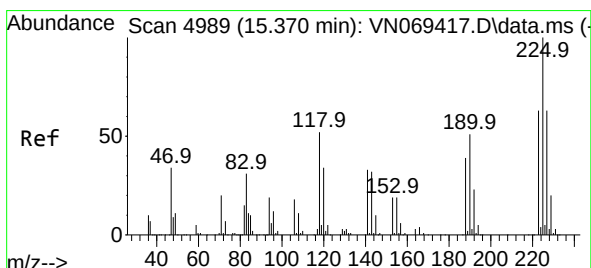
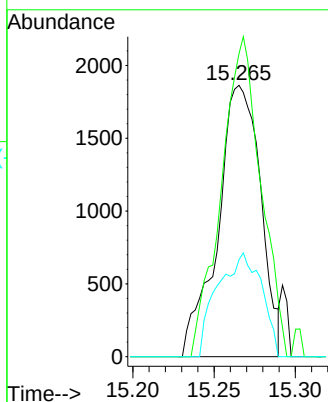
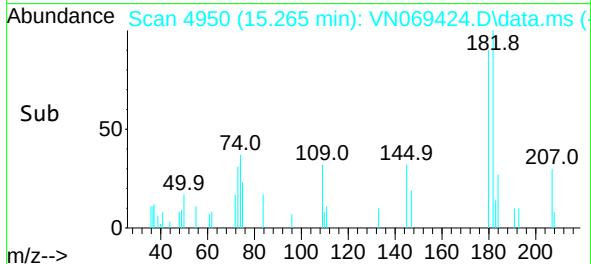
Instrument :
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ClientSampleId :
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Tgt Ion:180 Resp: 3414
Ion Ratio Lower Upper
180 100
182 109.2 48.3 144.9
145 39.3 14.5 43.5

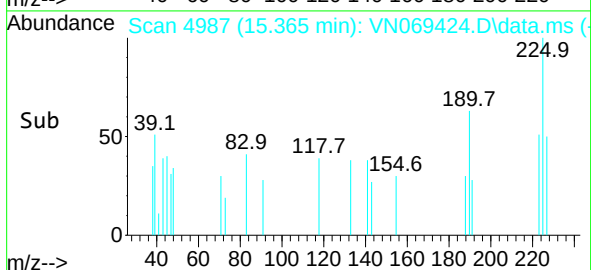
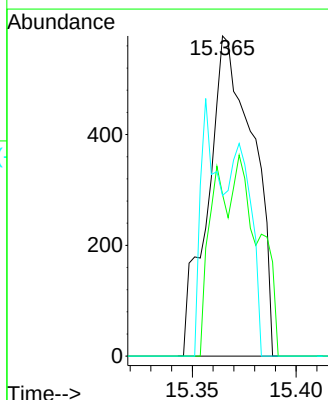
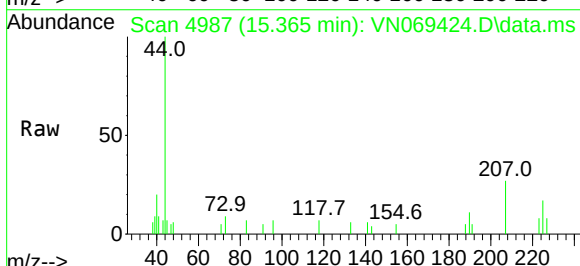
Manual Integrations
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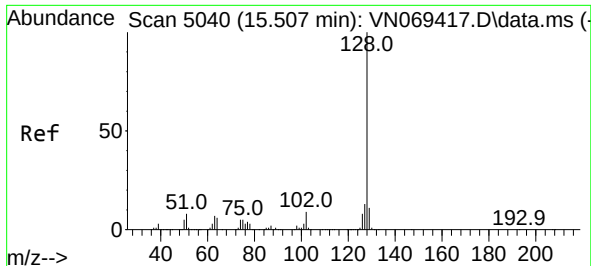
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#94
Hexachlorobutadiene
Concen: 0.200 ug/l
RT: 15.365 min Scan# 4987
Delta R.T. -0.005 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion:225 Resp: 874
Ion Ratio Lower Upper
225 100
223 24.8 31.9 95.7#
227 31.8 32.1 96.3#





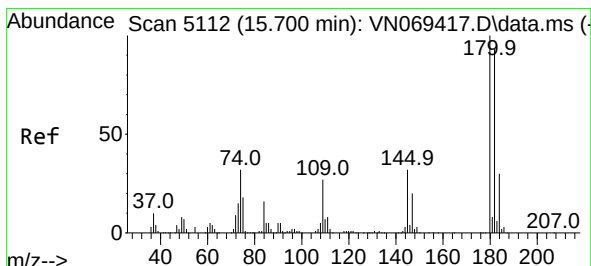
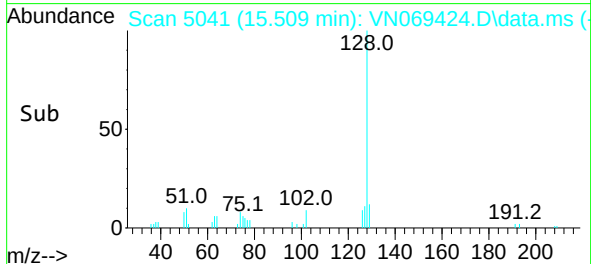
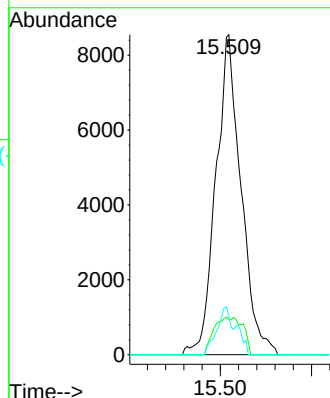
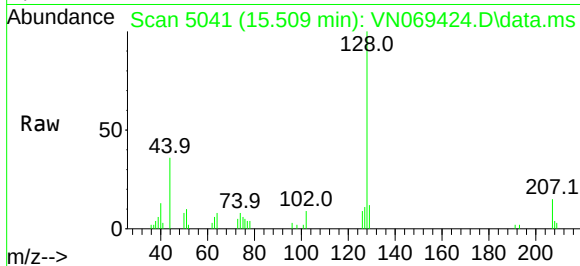
#95
Naphthalene
Concen: 0.827 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

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

Tgt Ion:128 Resp: 1642
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 8.6 8.7 13.1

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



#96
1,2,3-Trichlorobenzene
Concen: 0.564 ug/l m
RT: 15.708 min Scan# 5115
Delta R.T. 0.008 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion:180 Resp: 4002
Ion Ratio Lower Upper
180 100
182 100.7 47.4 142.2
145 37.9 15.0 45.1

