

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069564.D
 Acq On : 18 Nov 2021 19:59
 Operator : JC/MD
 Sample : M4068-08 5.0PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Quant Time: Nov 19 04:54:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 19 04:51:32 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Semsettin Yesilyurt 11/19/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	2438167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	4225011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	4204274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1612077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1811254	51.235	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.460%			
35) Dibromofluoromethane	8.024	113	1264142	49.888	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.780%			
50) Toluene-d8	10.443	98	5384397	54.027	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.060%			
62) 4-Bromofluorobenzene	12.731	95	1942414	53.054	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	38782	1.489	ug/l	95
3) Chloromethane	2.303	50	52114	1.725	ug/l	99
4) Vinyl Chloride	2.446	62	49589	1.639	ug/l	100
5) Bromomethane	2.840	94	29884	1.521	ug/l	90
6) Chloroethane	3.009	64	33834	1.657	ug/l	92
7) Trichlorofluoromethane	3.371	101	72238	1.545	ug/l	98
8) Diethyl Ether	3.824	74	24977	1.651	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.205	101	37228	1.691	ug/l	95
10) Methyl Iodide	4.414	142	38882	1.440	ug/l	99
11) Tert butyl alcohol	5.393	59	46523	7.303	ug/l #	87
12) 1,1-Dichloroethene	4.178	96	34970	1.770	ug/l	95
13) Acrolein	4.041	56	9905	9.897	ug/l	89
14) Allyl chloride	4.838	41	67796	1.552	ug/l	91
15) Acrylonitrile	5.562	53	138205	8.472	ug/l	99
16) Acetone	4.293	43	145388	7.622	ug/l	99
17) Carbon Disulfide	4.524	76	63946	1.369	ug/l	98
18) Methyl Acetate	4.862	43	112839	1.820	ug/l #	90
19) Methyl tert-butyl Ether	5.621	73	138642	1.658	ug/l	96
20) Methylene Chloride	5.101	84	66058m	2.442	ug/l	
21) trans-1,2-Dichloroethene	5.599	96	36523	1.655	ug/l	87
22) Diisopropyl ether	6.501	45	153298	1.629	ug/l	96
23) Vinyl Acetate	6.439	43	541476m	7.439	ug/l	
24) 1,1-Dichloroethane	6.383	63	79078	1.650	ug/l	97
25) 2-Butanone	7.345	43	203962	7.897	ug/l	92
26) 2,2-Dichloropropane	7.324	77	50556	1.348	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	46476	1.699	ug/l	90
28) Bromochloromethane	7.657	49	50154	2.043	ug/l #	82
29) Tetrahydrofuran	7.697	42	129356	8.161	ug/l	88
30) Chloroform	7.823	83	84991	1.729	ug/l	100
31) Cyclohexane	8.088	56	138160	2.861	ug/l #	74
32) 1,1,1-Trichloroethane	8.016	97	66734	1.627	ug/l #	49
36) 1,1-Dichloropropene	8.222	75	57973	1.631	ug/l	96
37) Ethyl Acetate	7.421	43	79088	1.646	ug/l #	84
38) Carbon Tetrachloride	8.209	117	52874	1.541	ug/l	98
39) Methylcyclohexane	9.462	83	67485	1.526	ug/l	90
40) Benzene	8.458	78	187631	1.710	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	38355	1.545	ug/l	91
42) 1,2-Dichloroethane	8.531	62	78053	1.817	ug/l	98
43) Isopropyl Acetate	8.563	43	119588	1.549	ug/l	95
44) Trichloroethene	9.217	130	43534	1.658	ug/l	94
45) 1,2-Dichloropropane	9.491	63	49734	1.696	ug/l	99
46) Dibromomethane	9.577	93	32821	1.671	ug/l	89
47) Bromodichloromethane	9.762	83	54662	1.492	ug/l	96
48) Methyl methacrylate	9.561	41	55986	1.542	ug/l	88
49) 1,4-Dioxane	9.577	88	20581	31.775	ug/l	94
51) 4-Methyl-2-Pentanone	10.333	43	403080	8.090	ug/l	94
52) Toluene	10.508	92	115257	1.686	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	49647	1.296	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	58127	1.391	ug/l #	86
55) 1,1,2-Trichloroethane	10.899	97	45379	1.647	ug/l	95
56) Ethyl methacrylate	10.762	69	70262	1.540	ug/l	86
57) 1,3-Dichloropropane	11.047	76	81617	1.685	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	81029	7.664	ug/l	92
59) 2-Hexanone	11.087	43	276363	7.443	ug/l	91
60) Dibromochloromethane	11.240	129	34786	1.349	ug/l	99
61) 1,2-Dibromoethane	11.347	107	43271	1.551	ug/l	99
64) Tetrachloroethene	10.980	164	42301	1.666	ug/l	95
65) Chlorobenzene	11.773	112	123684	1.581	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	41114	1.515	ug/l #	65
67) Ethyl Benzene	11.846	91	216230	1.498	ug/l	98
68) m/p-Xylenes	11.953	106	153776	2.897	ug/l	94
69) o-Xylene	12.280	106	76993	1.455	ug/l	93
70) Styrene	12.296	104	116221	1.367	ug/l	97
71) Bromoform	12.457	173	22179	1.145	ug/l #	99
73) Isopropylbenzene	12.581	105	192477	1.500	ug/l	97
74) N-amyl acetate	12.390	43	70819	1.302	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	71677	1.656	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	57882m	1.556	ug/l	
77) Bromobenzene	12.862	156	46813	1.595	ug/l	79
78) n-propylbenzene	12.921	91	214194	1.483	ug/l	97
79) 2-Chlorotoluene	13.010	91	138797	1.552	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	155936	1.503	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.629	75	10491m	0.946	ug/l	
82) 4-Chlorotoluene	13.106	91	123336	1.447	ug/l	93
83) tert-Butylbenzene	13.324	119	137515	1.512	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	142998	1.428	ug/l	98
85) sec-Butylbenzene	13.503	105	174335	1.372	ug/l	97
86) p-Isopropyltoluene	13.616	119	129222	1.282	ug/l	97
87) 1,3-Dichlorobenzene	13.619	146	72580	1.426	ug/l	98
88) 1,4-Dichlorobenzene	13.699	146	73386m	1.470	ug/l	
89) n-Butylbenzene	13.943	91	97627	1.161	ug/l	97
90) Hexachloroethane	14.214	117	20542	1.242	ug/l	85
91) 1,2-Dichlorobenzene	13.991	146	71728	1.481	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.608	75	8719	1.247	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	23872	1.119	ug/l	98
94) Hexachlorobutadiene	15.373	225	17325	1.377	ug/l	98
95) Naphthalene	15.507	128	64186	1.122	ug/l	97
96) 1,2,3-Trichlorobenzene	15.702	180	23060	1.129	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

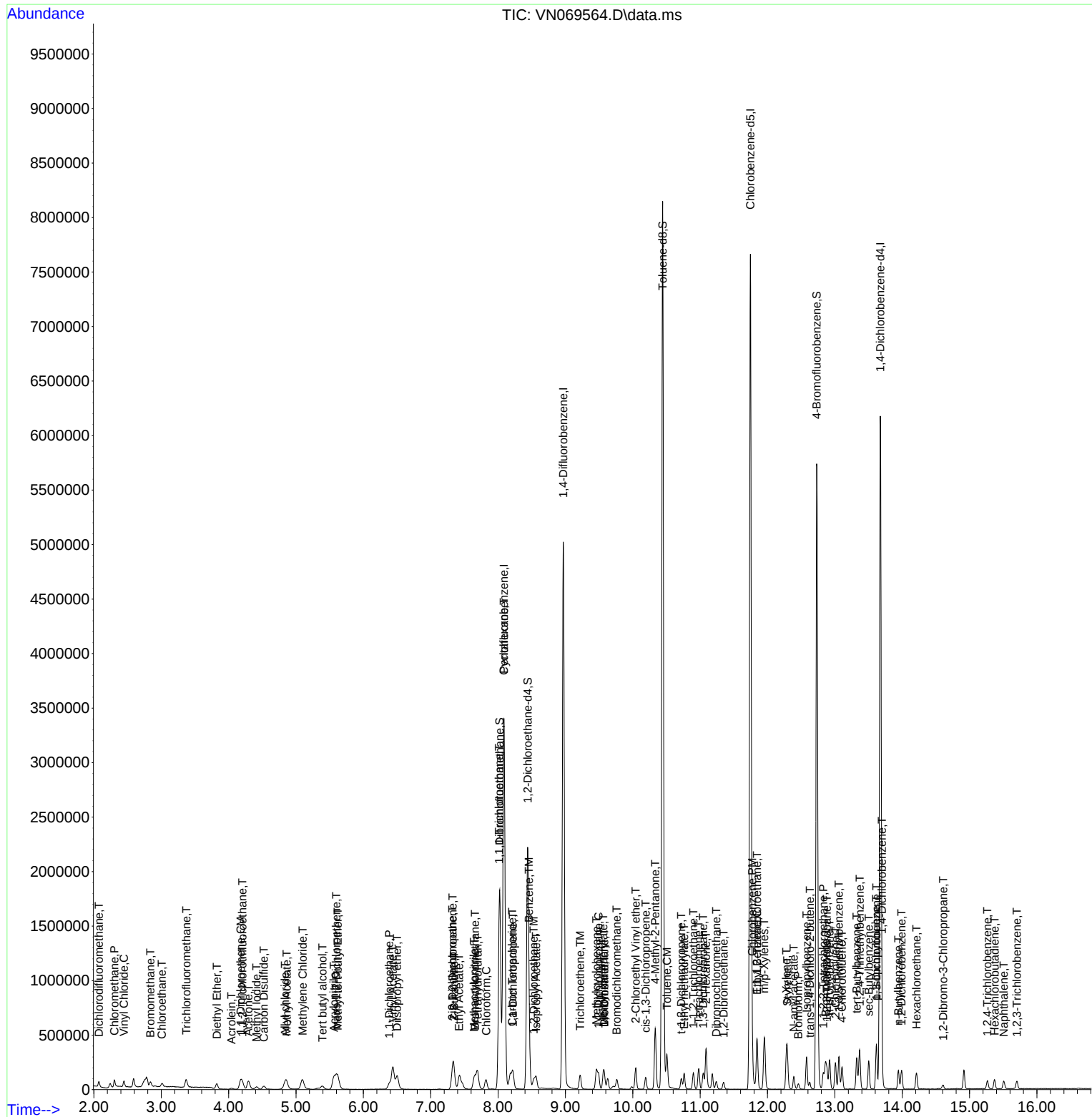
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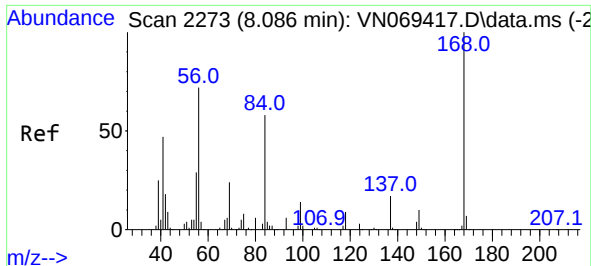
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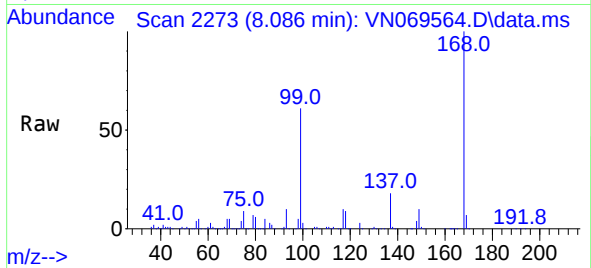
Reviewed By :John Carlone 11/19/2021
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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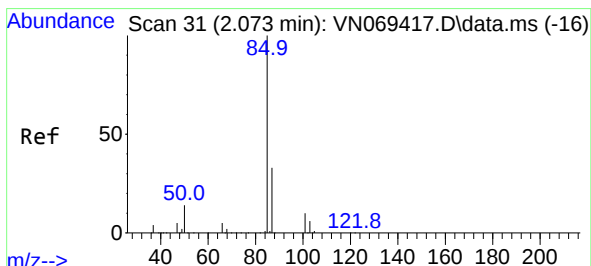
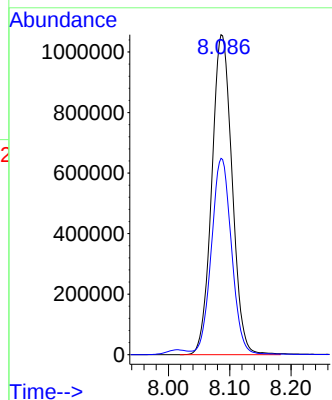
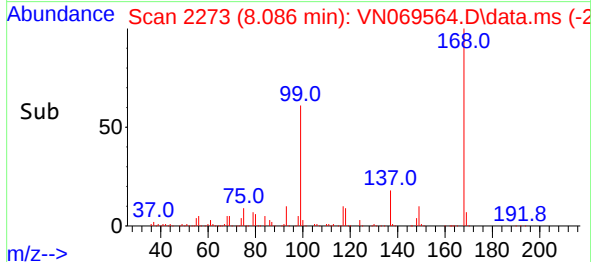
Instrument :
MSVOA_N
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LOQ-WATER-02-QT4-2021



Tgt Ion:168 Resp: 243816
Ion Ratio Lower Upper
168 100
99 61.1 41.3 61.9

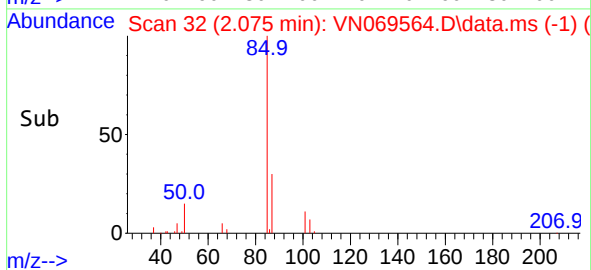
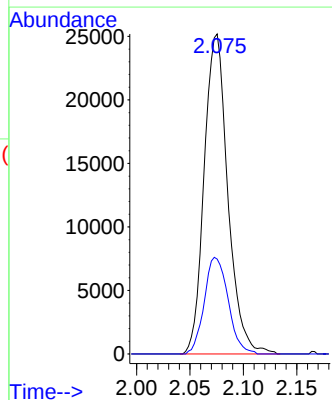
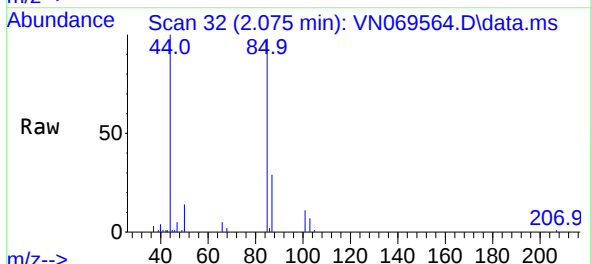
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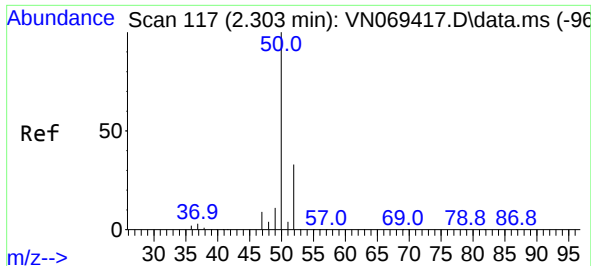
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#2
Dichlorodifluoromethane
Concen: 1.489 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Tgt Ion: 85 Resp: 38782
Ion Ratio Lower Upper
85 100
87 29.7 16.3 48.9





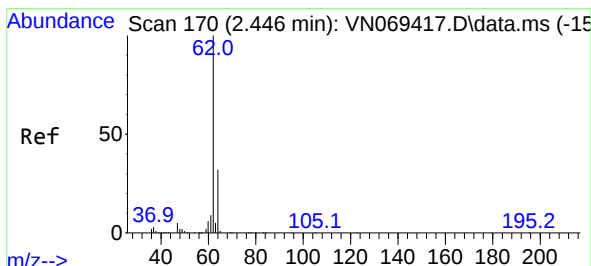
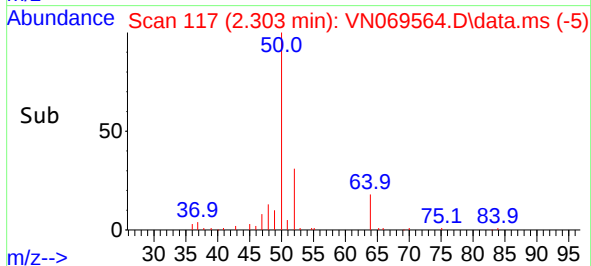
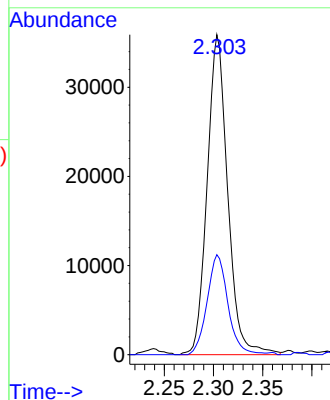
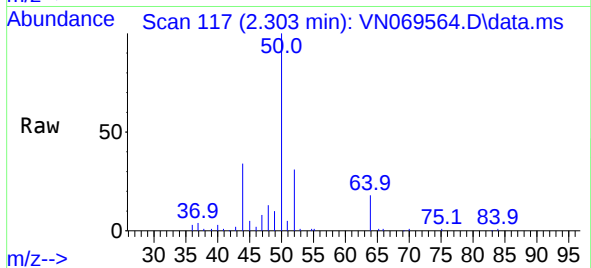
#3
Chloromethane
Concen: 1.725 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

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Tgt Ion: 50 Resp: 52114
Ion Ratio Lower Upper
50 100
52 31.2 25.4 38.0

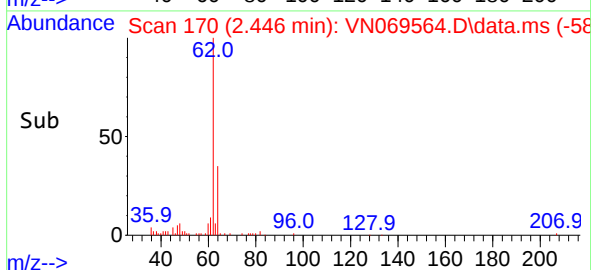
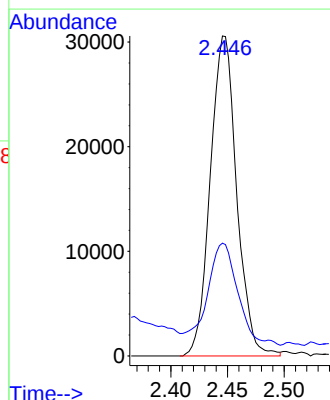
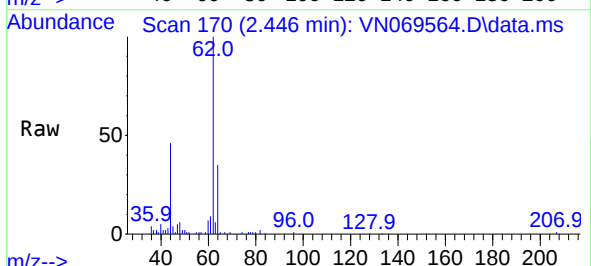
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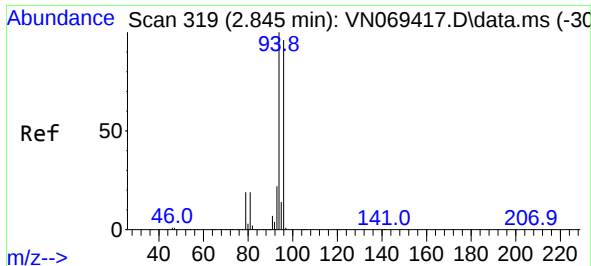
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#4
Vinyl Chloride
Concen: 1.639 ug/l
RT: 2.446 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

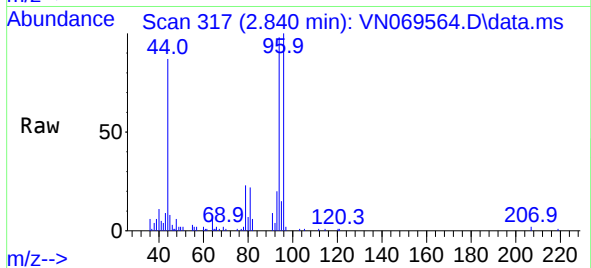
Tgt Ion: 62 Resp: 49589
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6





#5
Bromomethane
Concen: 1.521 ug/l
RT: 2.840 min Scan# 319
Delta R.T. -0.005 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

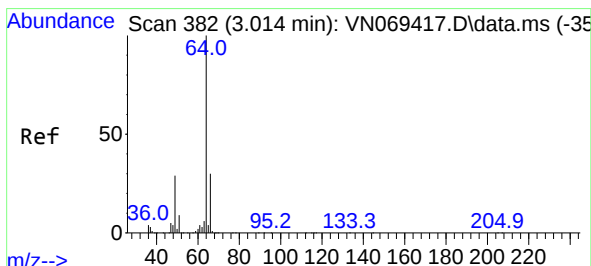
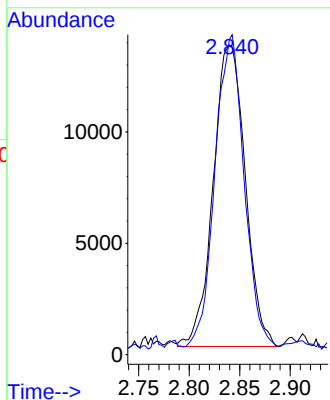
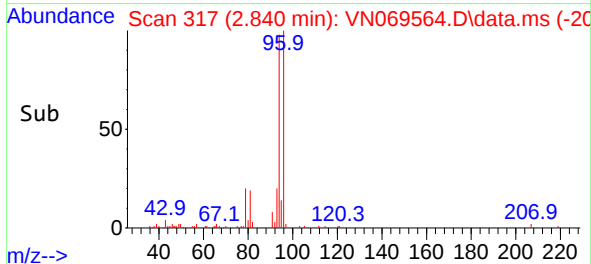
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Tgt Ion: 94 Resp: 29884
Ion Ratio Lower Upper
94 100
96 101.7 73.8 110.8

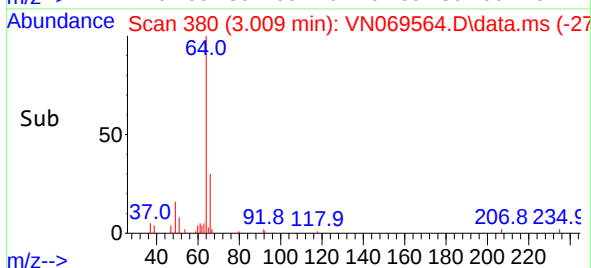
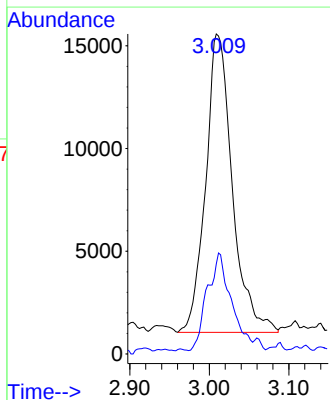
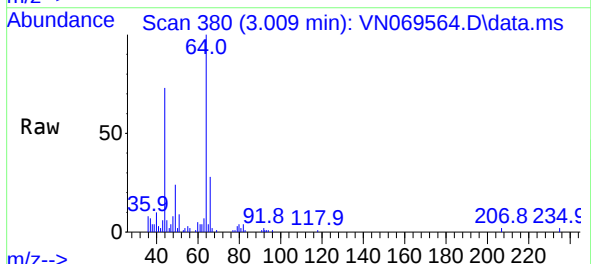
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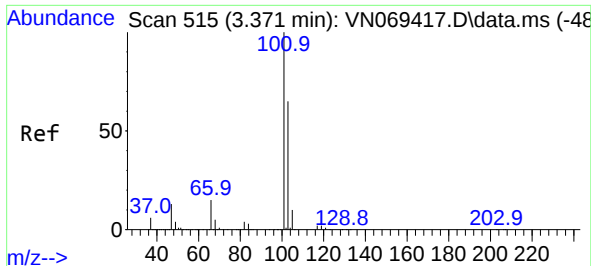
Reviewed By :John Carlone 11/19/2021
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#6
Chloroethane
Concen: 1.657 ug/l
RT: 3.009 min Scan# 380
Delta R.T. -0.005 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

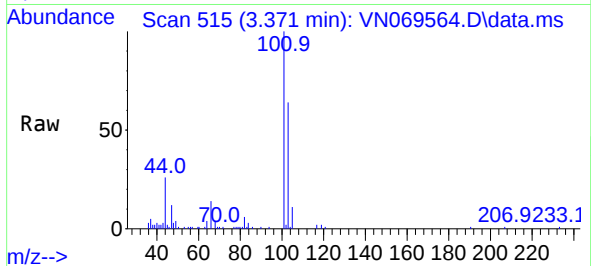
Tgt Ion: 64 Resp: 33834
Ion Ratio Lower Upper
64 100
66 28.7 26.3 39.5





#7
Trichlorofluoromethane
Concen: 1.545 ug/l
RT: 3.371 min Scan# 515
Delta R.T. -0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

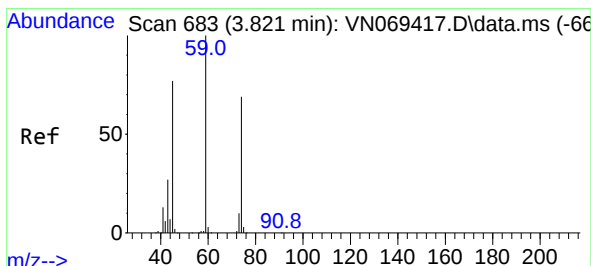
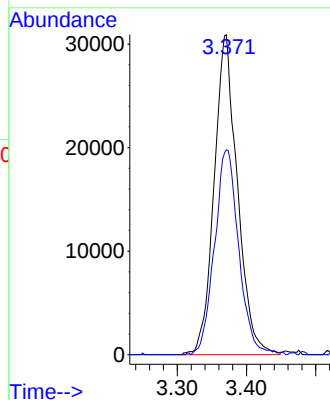
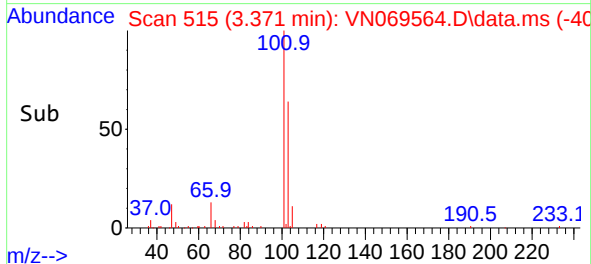
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Tgt Ion:101 Resp: 72238
Ion Ratio Lower Upper
101 100
103 64.0 50.1 75.1

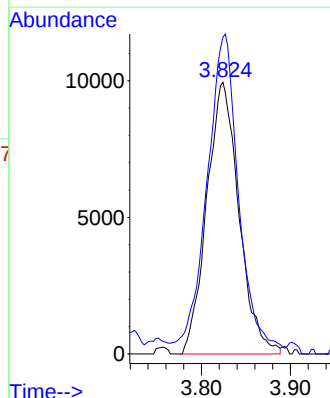
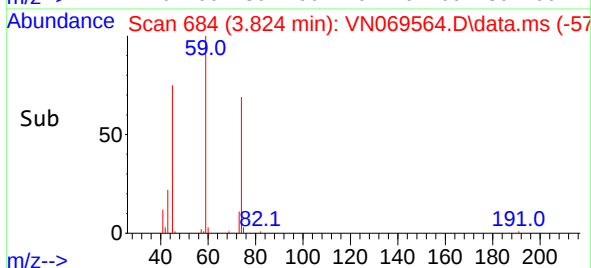
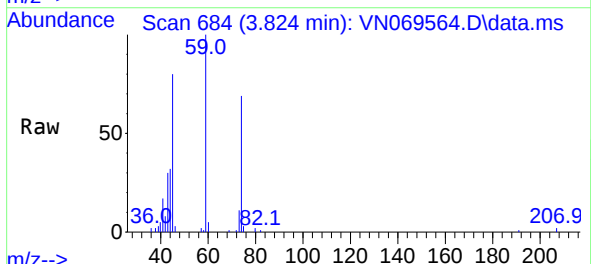
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#8
Diethyl Ether
Concen: 1.651 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069564.D
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Tgt Ion: 74 Resp: 24977
Ion Ratio Lower Upper
74 100
45 111.1 47.0 141.2





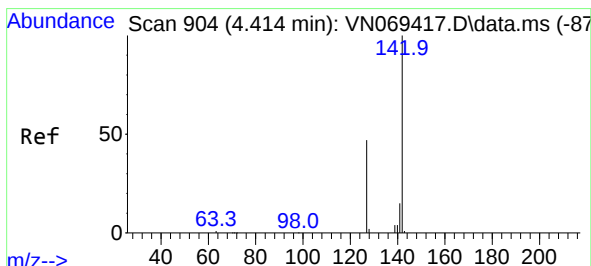
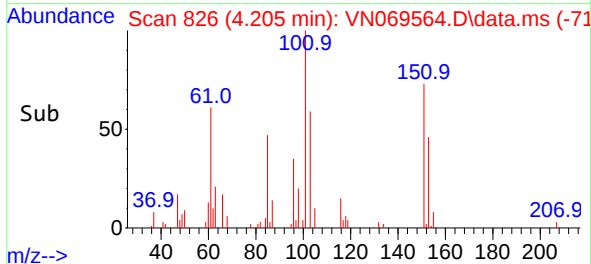
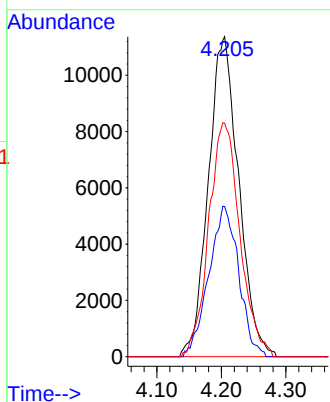
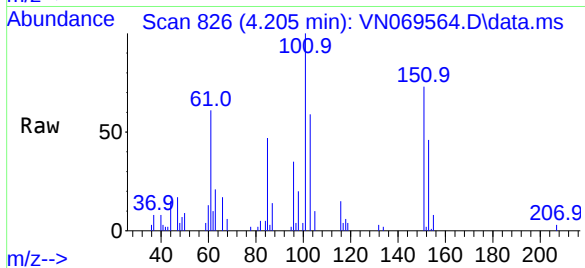
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.691 ug/l
RT: 4.205 min Scan# 825
Delta R.T. 0.003 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:101 Resp: 37228
Ion Ratio Lower Upper
101 100
85 46.3 37.2 55.8
151 75.1 65.9 98.9

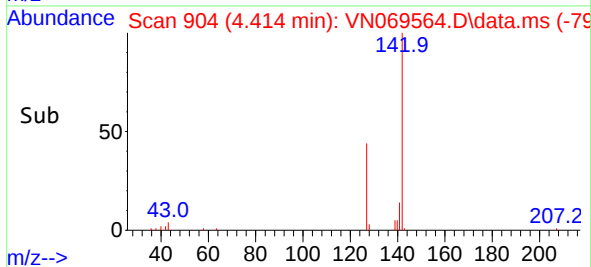
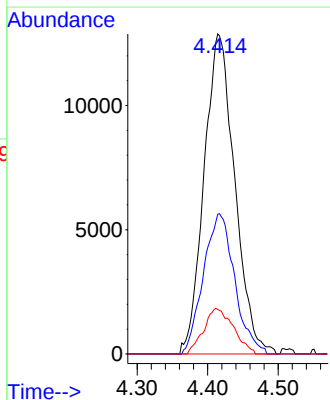
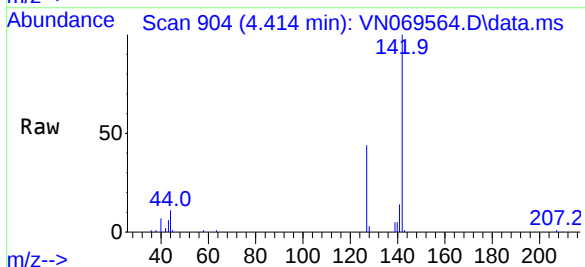
Manual Integrations
APPROVED

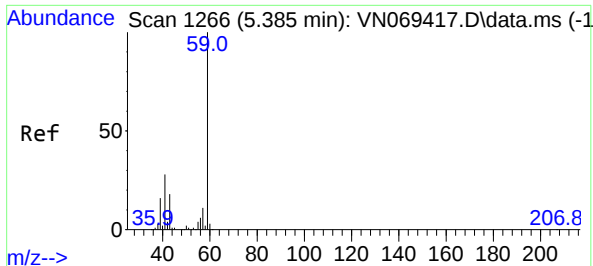
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#10
Methyl Iodide
Concen: 1.440 ug/l
RT: 4.414 min Scan# 904
Delta R.T. 0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

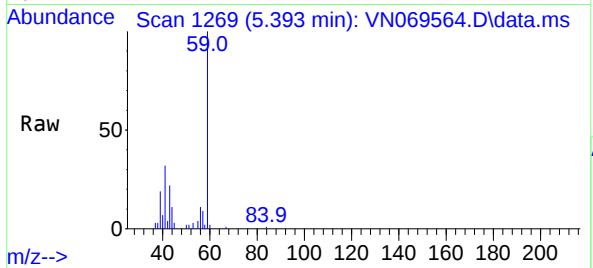
Tgt Ion:142 Resp: 38882
Ion Ratio Lower Upper
142 100
127 44.6 35.4 53.0
141 13.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 7.303 ug/l
RT: 5.393 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

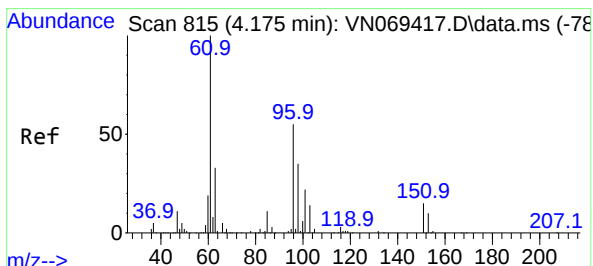
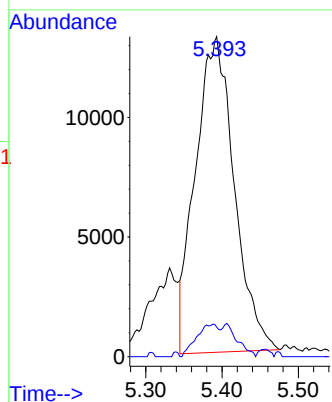
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 59 Resp: 4652
Ion Ratio Lower Upper
59 100
57 6.1 8.7 13.1

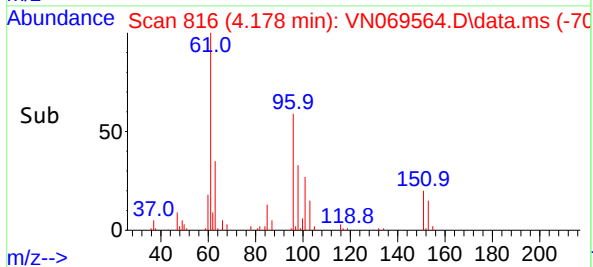
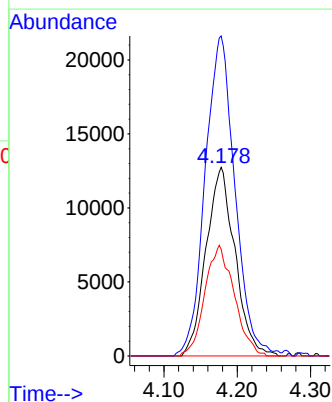
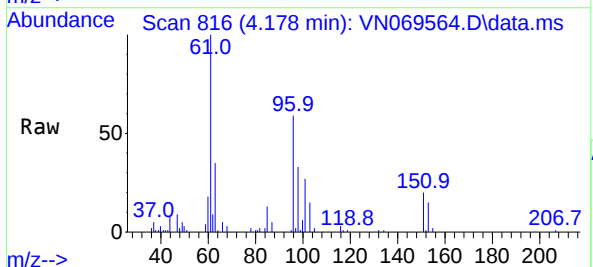
Manual Integrations
APPROVED

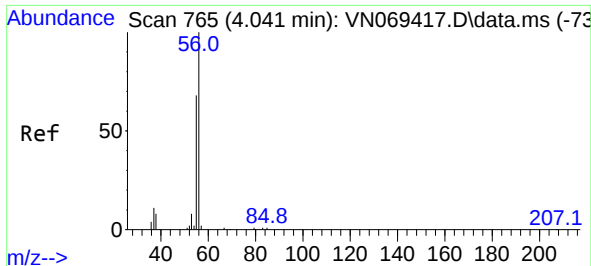
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#12
1,1-Dichloroethene
Concen: 1.770 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

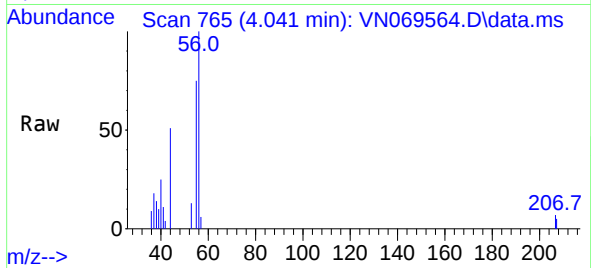
Tgt Ion: 96 Resp: 34970
Ion Ratio Lower Upper
96 100
61 168.0 131.0 196.6
98 56.6 52.4 78.6





#13
Acrolein
Concen: 9.897 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

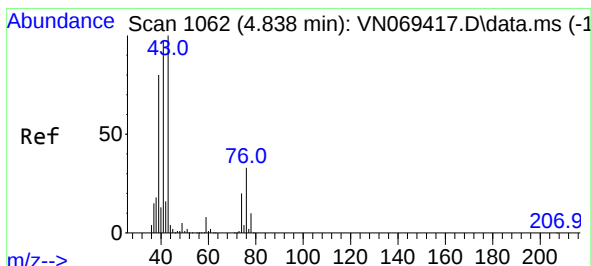
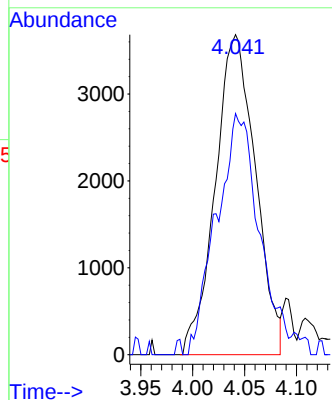
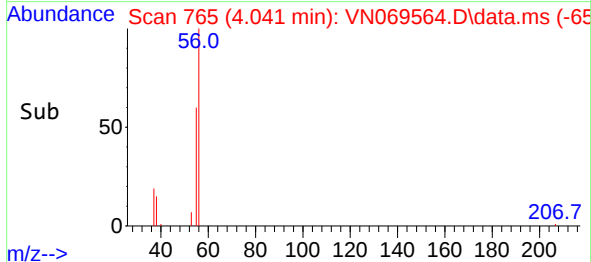
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



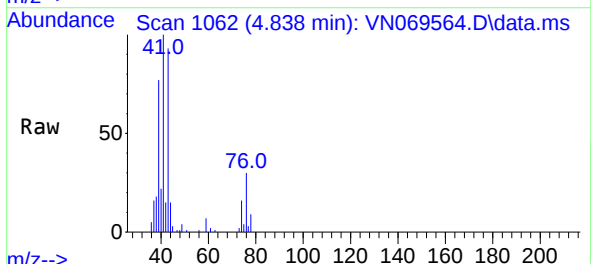
Tgt Ion: 56 Resp: 990
Ion Ratio Lower Upper
56 100
55 79.9 56.6 85.0

Manual Integrations
APPROVED

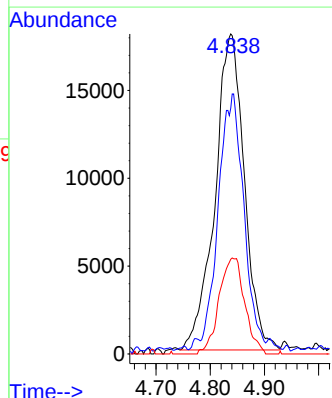
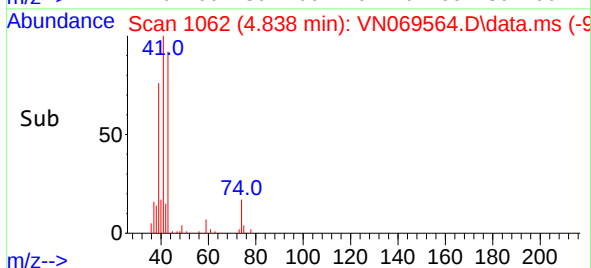
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

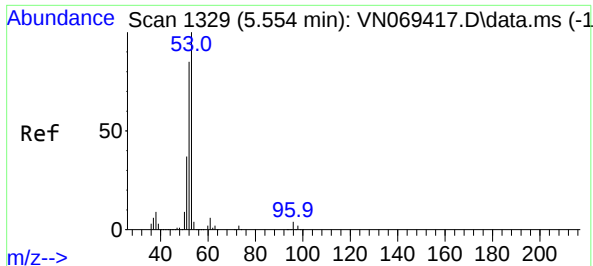


#14
Allyl chloride
Concen: 1.552 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59



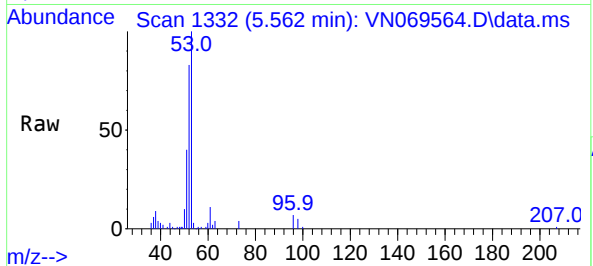
Tgt Ion: 41 Resp: 67796
Ion Ratio Lower Upper
41 100
39 69.7 61.2 91.8
76 26.4 26.0 39.0





#15
Acrylonitrile
Concen: 8.472 ug/l
RT: 5.562 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

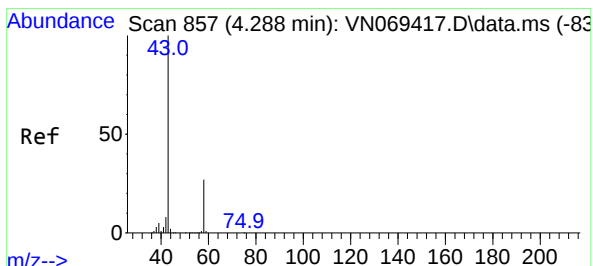
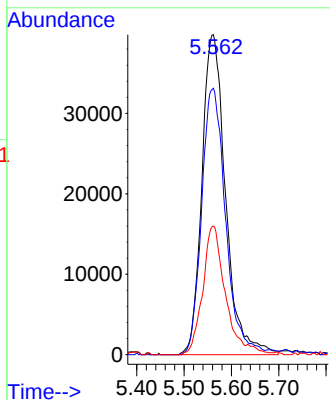
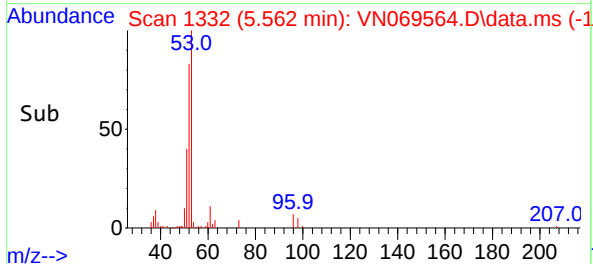
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



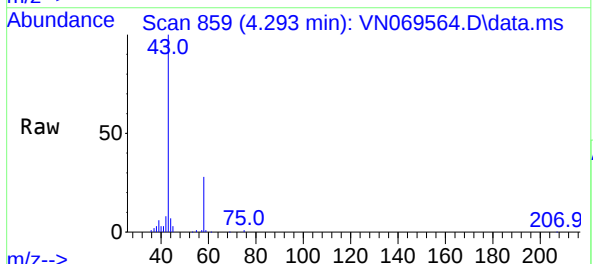
Tgt Ion: 53 Resp: 138205
Ion Ratio Lower Upper
53 100
52 84.1 66.2 99.2
51 37.1 29.6 44.4

Manual Integrations
APPROVED

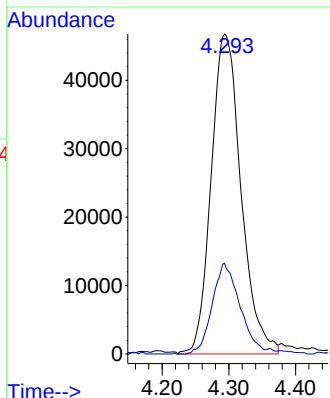
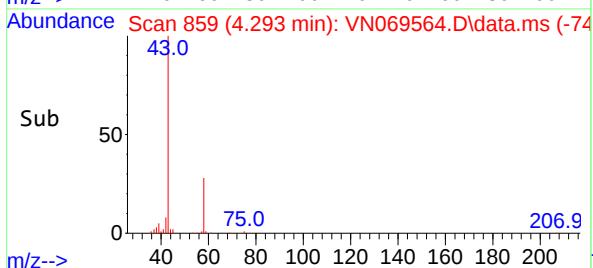
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

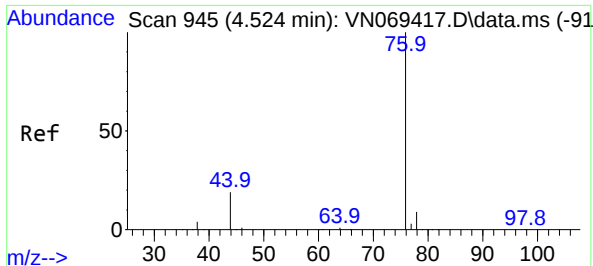


#16
Acetone
Concen: 7.622 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59



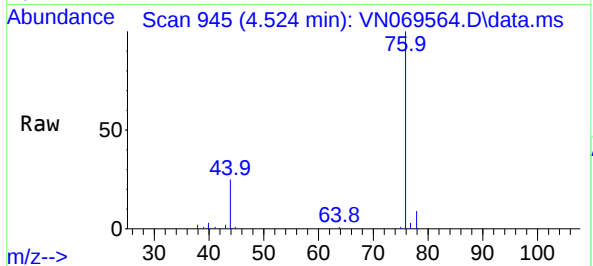
Tgt Ion: 43 Resp: 145388
Ion Ratio Lower Upper
43 100
58 28.4 23.1 34.7





#17
Carbon Disulfide
Concen: 1.369 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

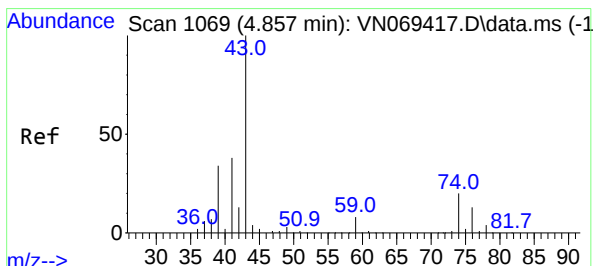
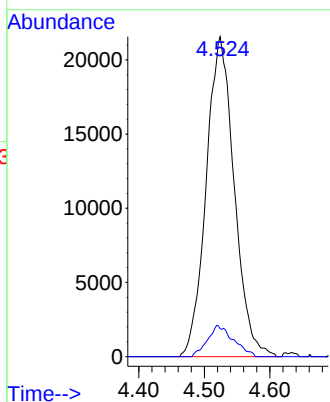
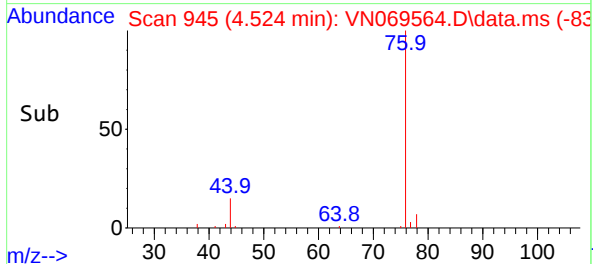
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



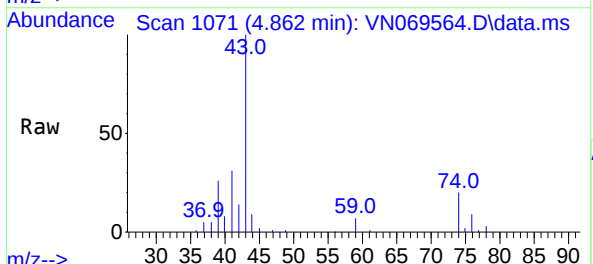
Tgt Ion: 76 Resp: 63940
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

Manual Integrations
APPROVED

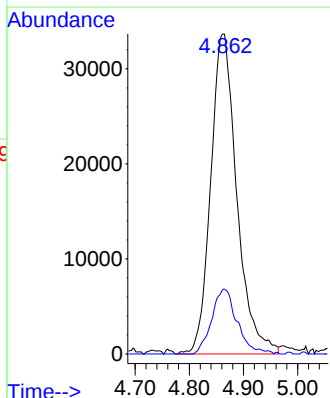
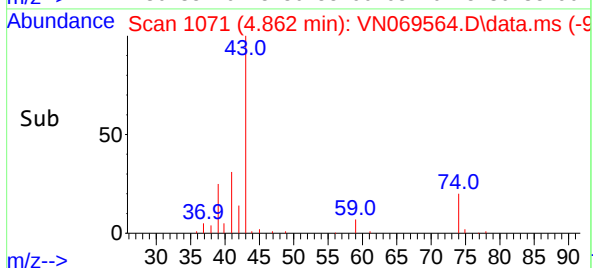
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

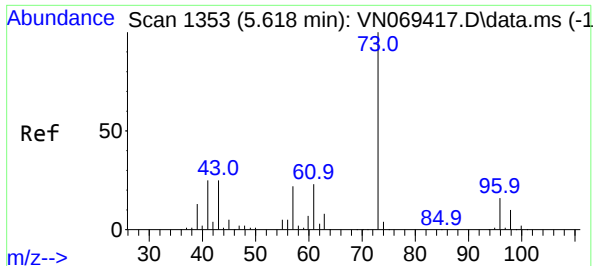


#18
Methyl Acetate
Concen: 1.820 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59



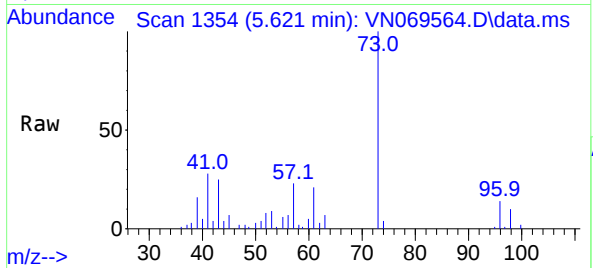
Tgt Ion: 43 Resp: 112839
Ion Ratio Lower Upper
43 100
74 19.1 19.4 29.2#





Methyl tert-butyl Ether
 Concen: 1.658 ug/l
 RT: 5.621 min Scan# 1160
 Delta R.T. 0.003 min
 Lab File: VN069564.D
 Acq: 18 Nov 2021 19:59

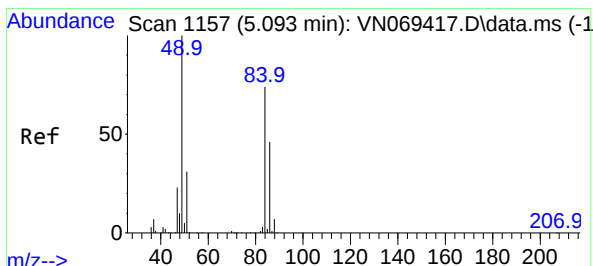
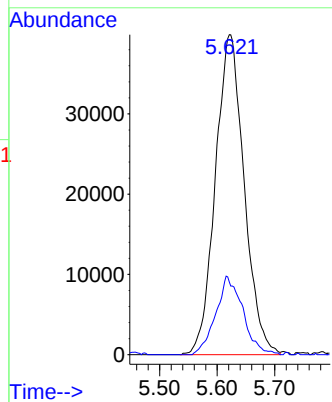
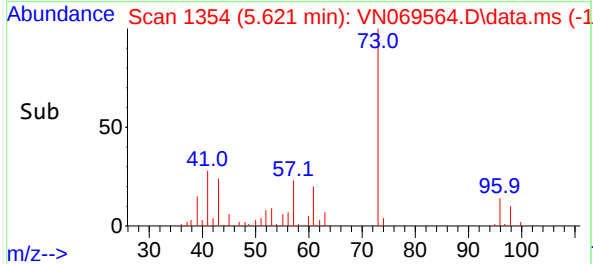
Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



Tgt Ion: 73 Resp: 13864
 Ion Ratio Lower Upper
 73 100
 57 22.7 16.8 25.2

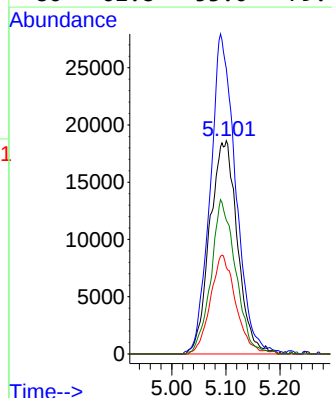
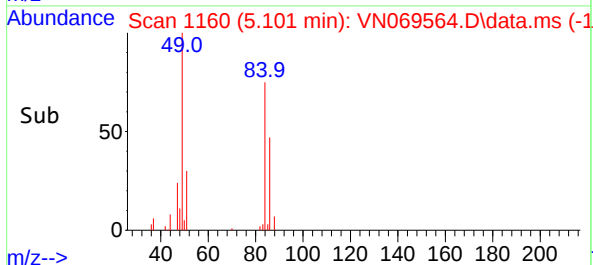
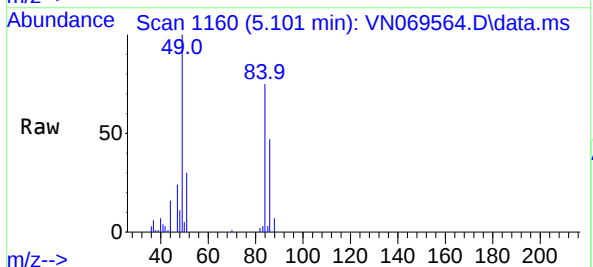
Manual Integrations
 APPROVED

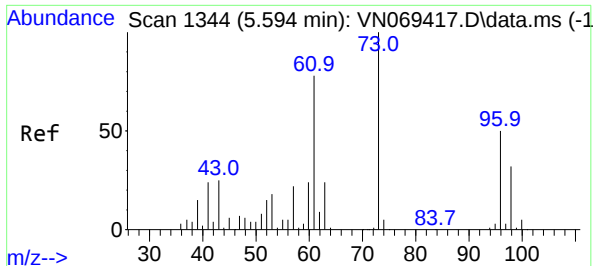
Reviewed By :John Carlone 11/19/2021
 Supervised By :Semsettin Yesilyurt 11/19/2021



Methylene Chloride
 Concen: 2.442 ug/l m
 RT: 5.101 min Scan# 1160
 Delta R.T. 0.008 min
 Lab File: VN069564.D
 Acq: 18 Nov 2021 19:59

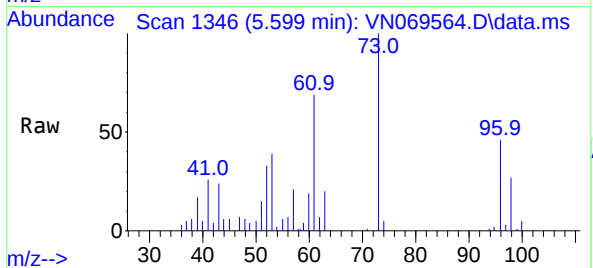
Tgt Ion: 84 Resp: 66058
 Ion Ratio Lower Upper
 84 100
 49 133.9 93.5 140.3
 51 40.6 29.4 44.2
 86 62.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 1.655 ug/l
RT: 5.599 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

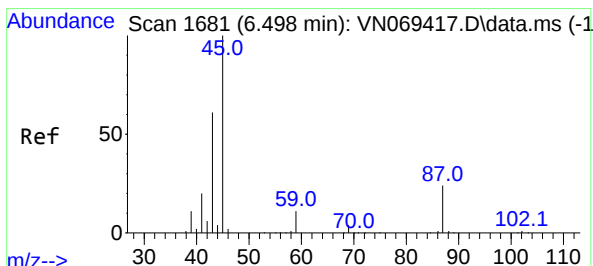
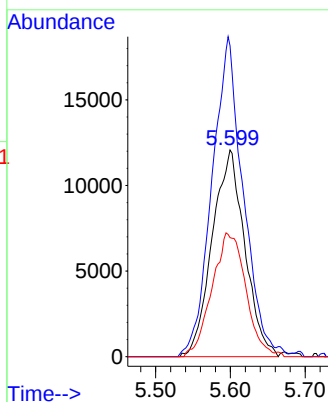
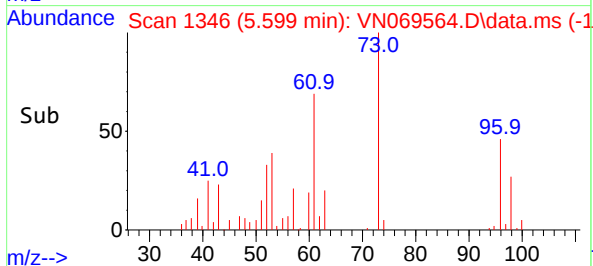
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



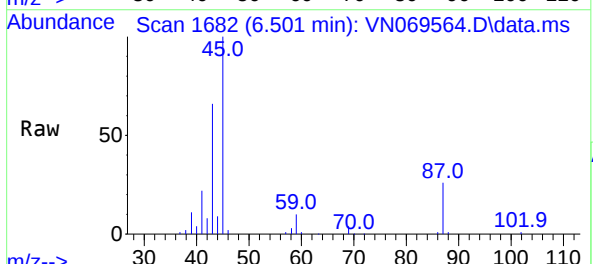
Tgt Ion: 96 Resp: 3652
Ion Ratio Lower Upper
96 100
61 150.5 105.8 158.6
98 57.6 52.0 78.0

Manual Integrations
APPROVED

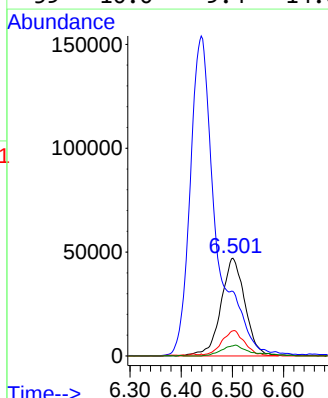
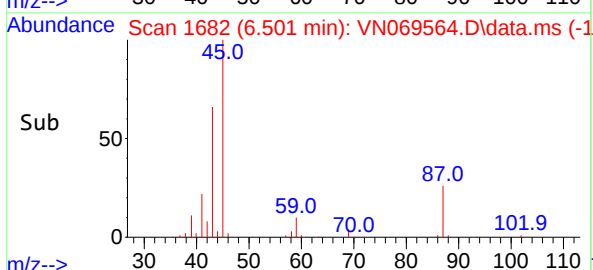
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

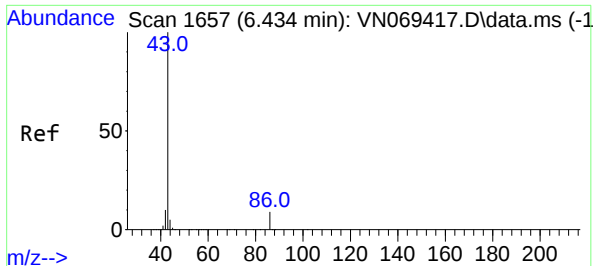


#22
Diisopropyl ether
Concen: 1.629 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59



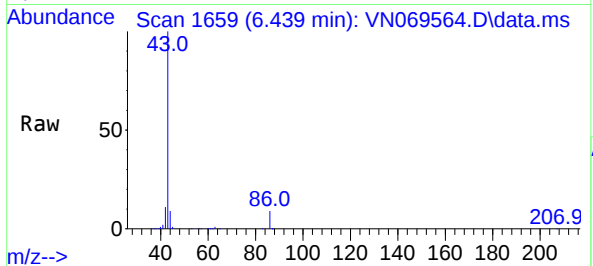
Tgt Ion: 45 Resp: 153298
Ion Ratio Lower Upper
45 100
43 62.8 51.7 77.5
87 25.4 23.2 34.8
59 10.0 9.4 14.0





#23
 Vinyl Acetate
 Concen: 7.439 ug/l m
 RT: 6.439 min Scan# 1
 Delta R.T. 0.005 min
 Lab File: VN069564.D
 Acq: 18 Nov 2021 19:59

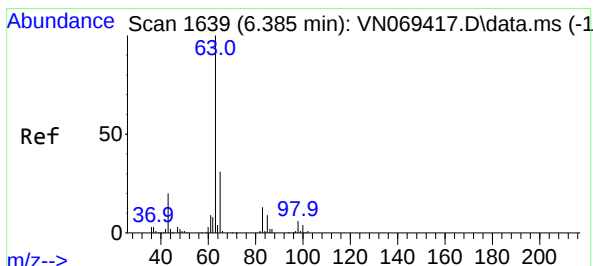
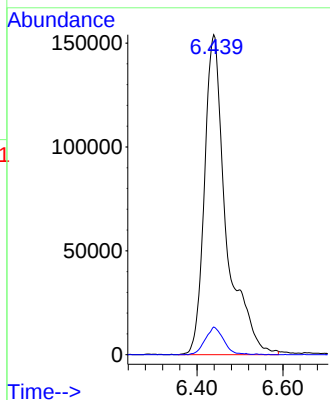
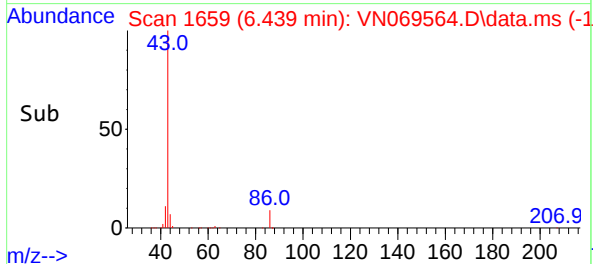
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



Tgt Ion: 43 Resp: 541470
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7

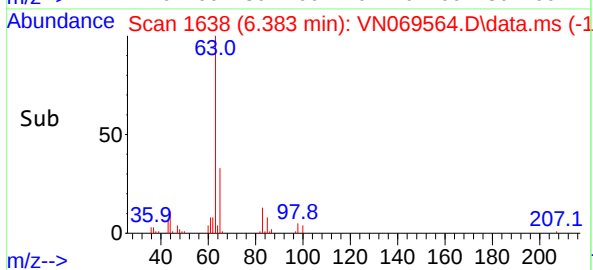
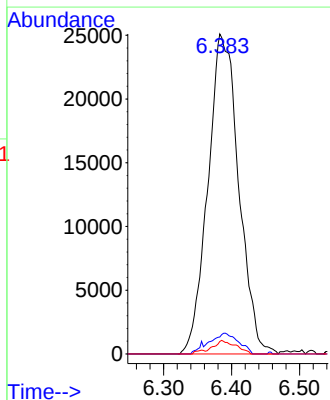
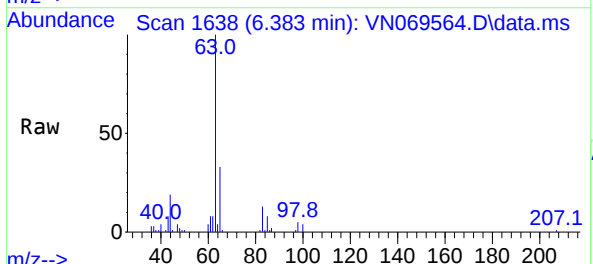
Manual Integrations
 APPROVED

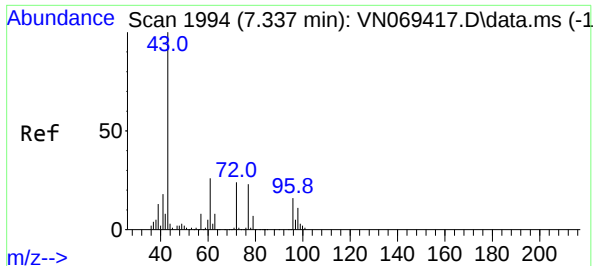
Reviewed By :John Carlone 11/19/2021
 Supervised By :Semsettin Yesilyurt 11/19/2021



#24
 1,1-Dichloroethane
 Concen: 1.650 ug/l
 RT: 6.383 min Scan# 1638
 Delta R.T. -0.002 min
 Lab File: VN069564.D
 Acq: 18 Nov 2021 19:59

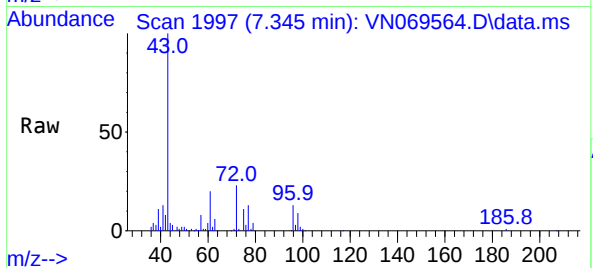
Tgt Ion: 63 Resp: 79078
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.3 9.9
 100 3.9 2.1 6.5





#25
2-Butanone
Concen: 7.897 ug/l
RT: 7.345 min Scan# 1994
Delta R.T. 0.008 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

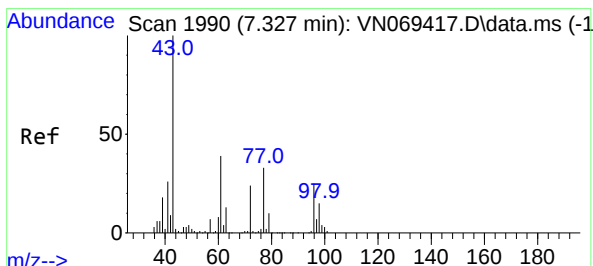
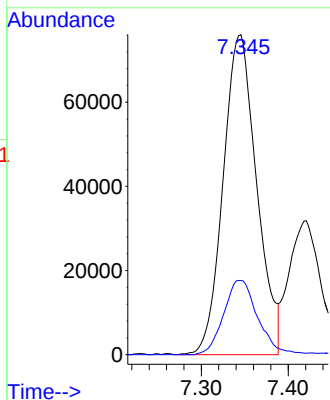
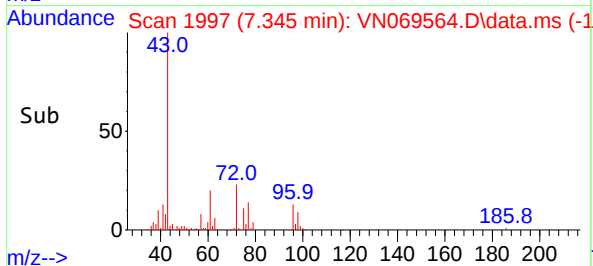
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



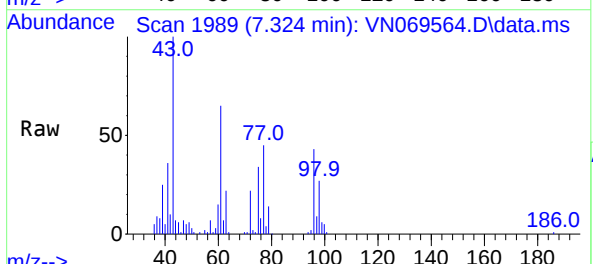
Tgt Ion: 43 Resp: 203962
Ion Ratio Lower Upper
43 100
72 23.2 21.7 32.5

Manual Integrations
APPROVED

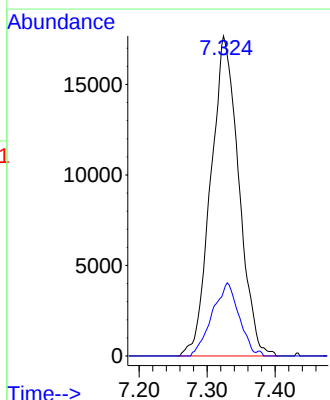
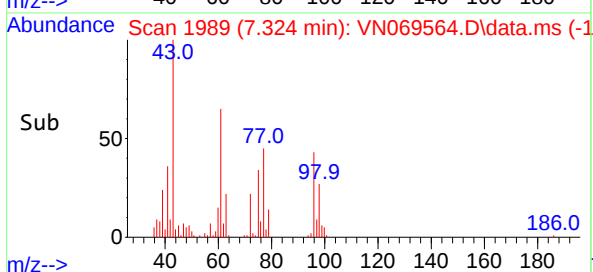
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

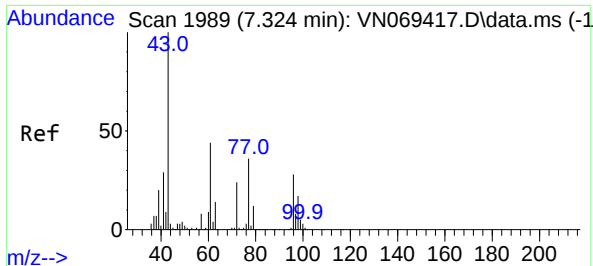


#26
2,2-Dichloropropane
Concen: 1.348 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59



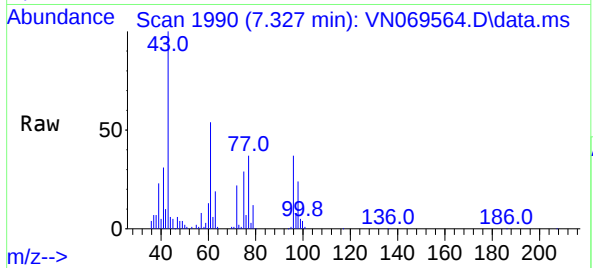
Tgt Ion: 77 Resp: 50556
Ion Ratio Lower Upper
77 100
97 21.8 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 1.699 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

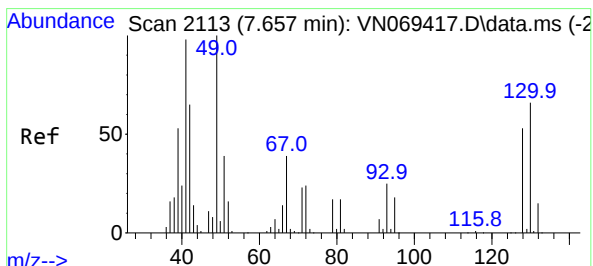
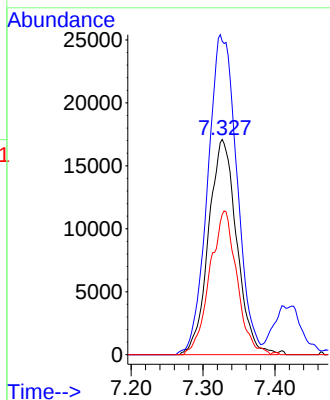
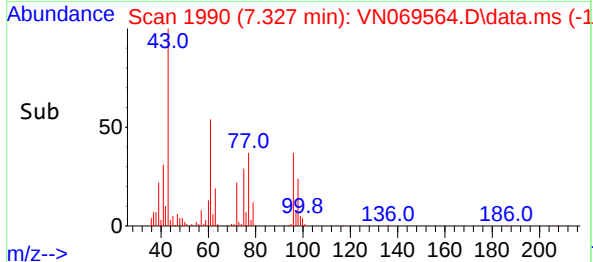
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2021



Tgt Ion: 96 Resp: 46470
Ion Ratio Lower Upper
96 100
61 154.3 0.0 275.0
98 64.4 0.0 129.6

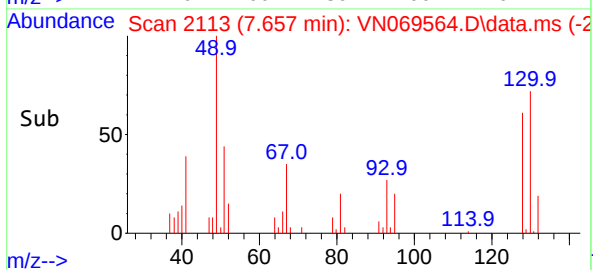
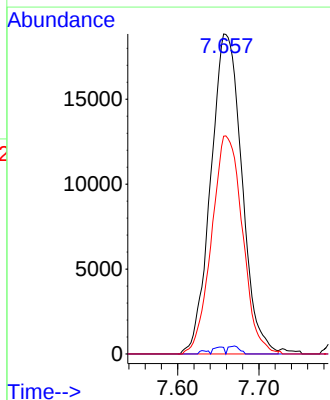
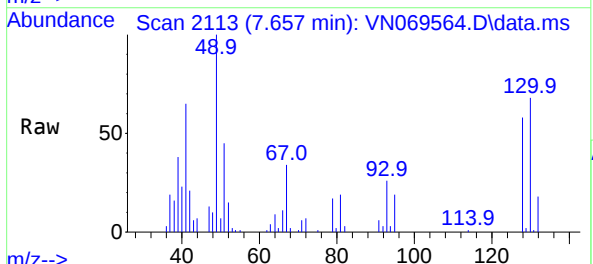
Manual Integrations
APPROVED

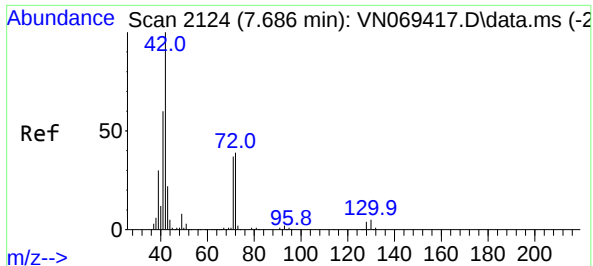
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#28
Bromochloromethane
Concen: 2.043 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Tgt Ion: 49 Resp: 50154
Ion Ratio Lower Upper
49 100
129 0.7 0.0 4.0
130 67.7 67.8 101.8#





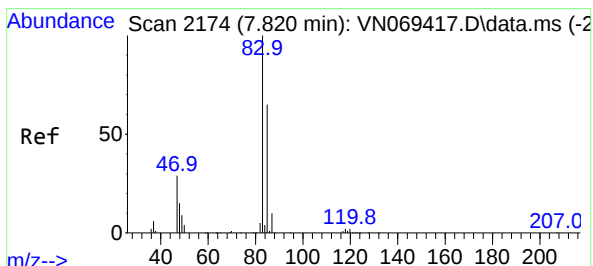
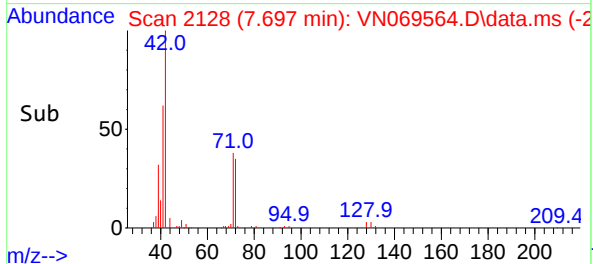
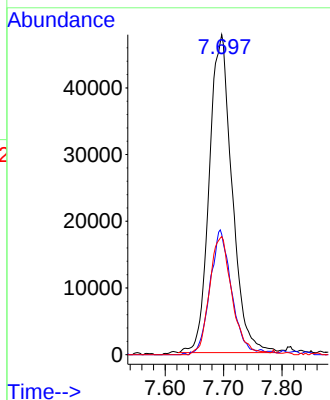
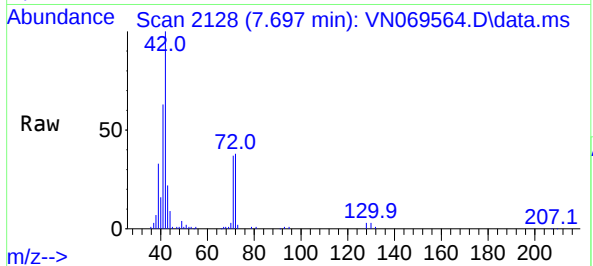
#29
Tetrahydrofuran
Concen: 8.161 ug/l
RT: 7.697 min Scan# 2124
Delta R.T. 0.011 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 42 Resp: 129350
Ion Ratio Lower Upper
42 100
72 36.8 36.3 54.5
71 36.9 34.7 52.1

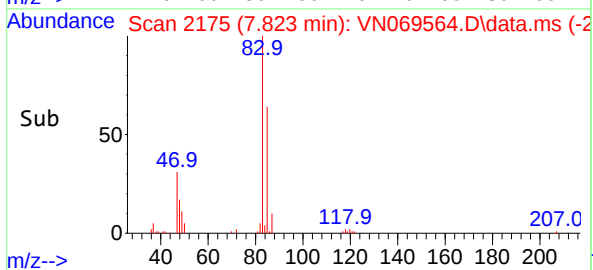
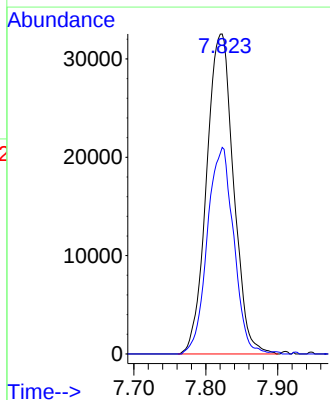
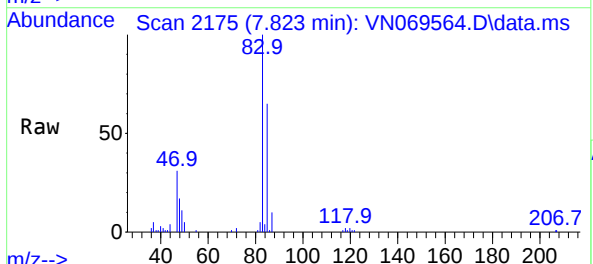
Manual Integrations
APPROVED

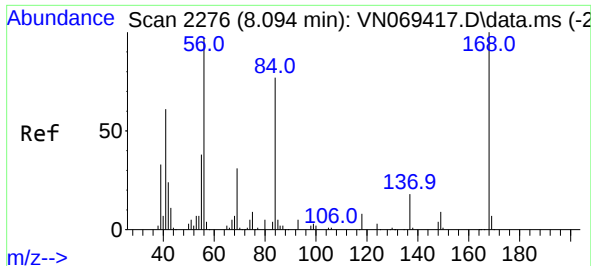
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#30
Chloroform
Concen: 1.729 ug/l
RT: 7.823 min Scan# 2175
Delta R.T. 0.003 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

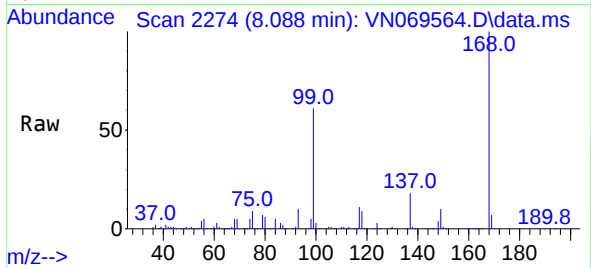
Tgt Ion: 83 Resp: 84991
Ion Ratio Lower Upper
83 100
85 64.5 51.9 77.9





#31
Cyclohexane
Concen: 2.861 ug/l
RT: 8.088 min Scan# 2276
Delta R.T. -0.006 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

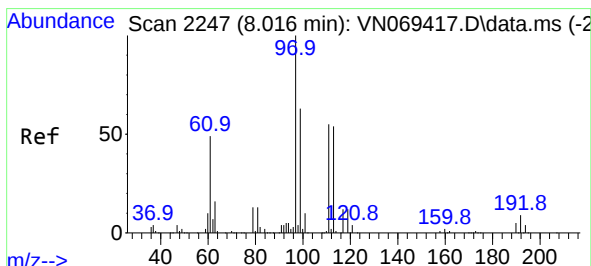
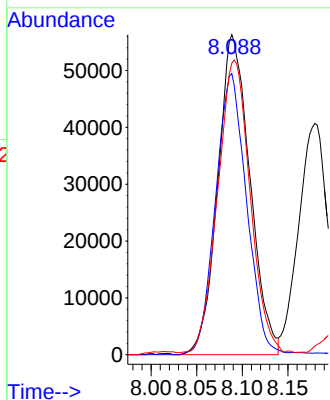
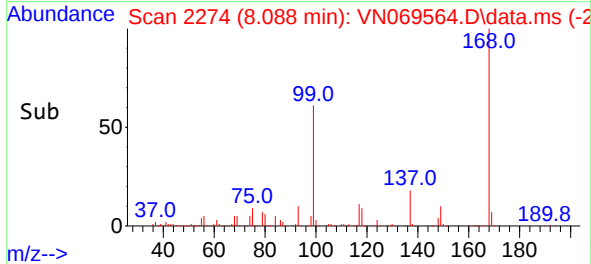
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



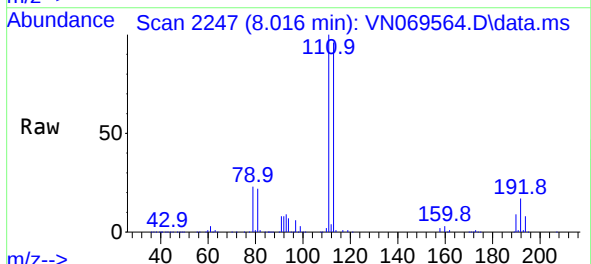
Tgt Ion: 56 Resp: 138160
Ion Ratio Lower Upper
56 100
69 87.9 27.1 40.7
84 90.5 73.4 110.0

Manual Integrations
APPROVED

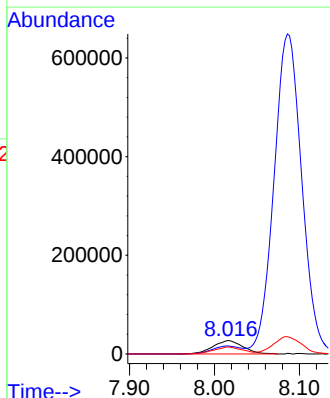
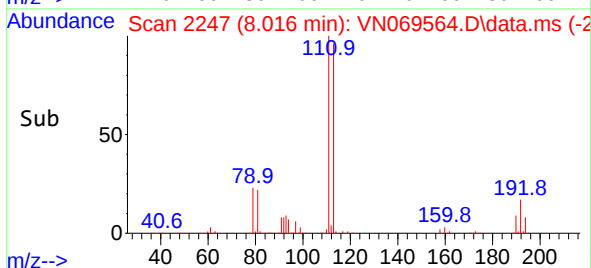
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

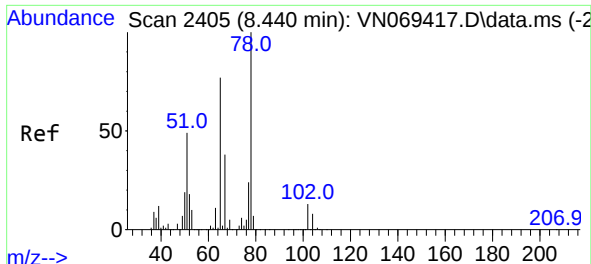


#32
1,1,1-Trichloroethane
Concen: 1.627 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59



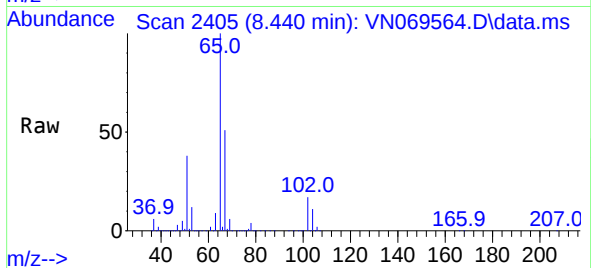
Tgt Ion: 97 Resp: 66734
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1
61 50.2 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 51.235 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

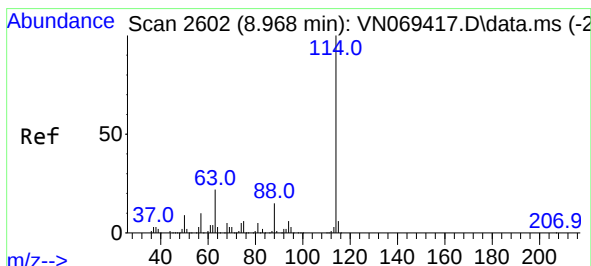
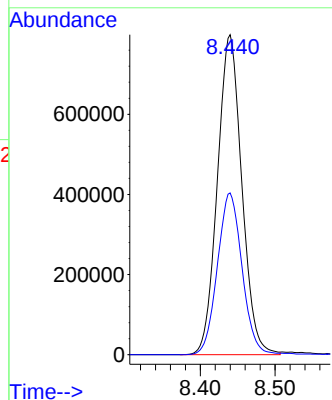
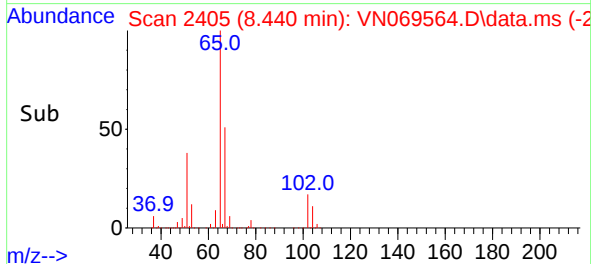
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2021



Tgt Ion: 65 Resp: 1811254
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0

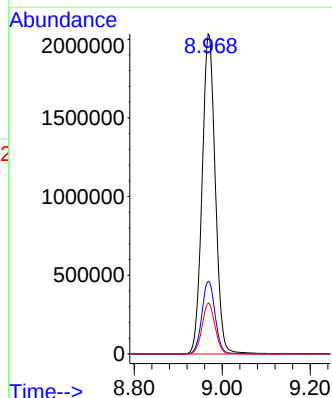
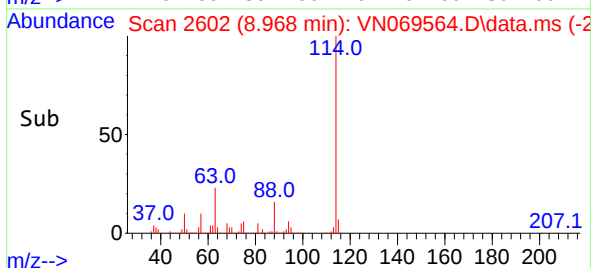
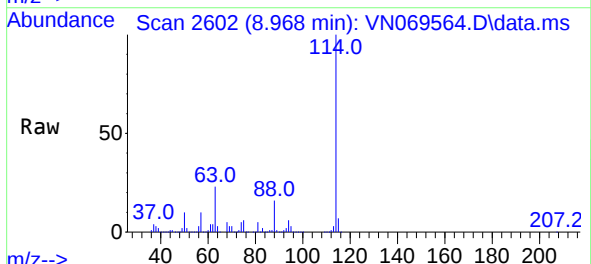
Manual Integrations
APPROVED

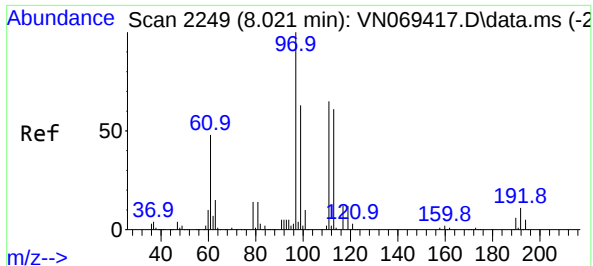
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

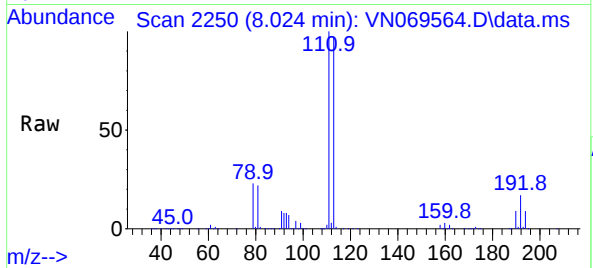
Tgt Ion:114 Resp: 4225011
Ion Ratio Lower Upper
114 100
63 22.7 0.0 37.8
88 15.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.888 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

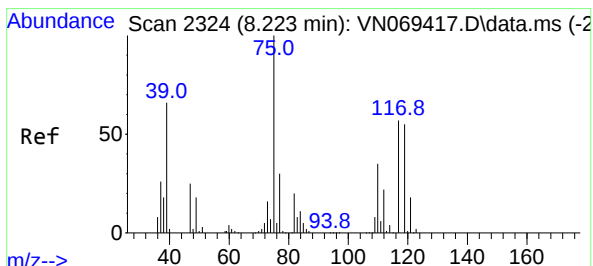
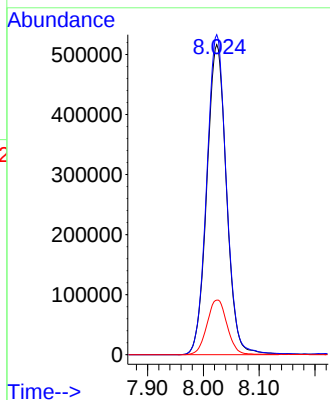
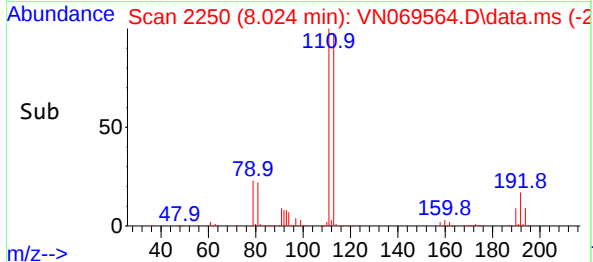
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:113 Resp: 126414
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 18.1 16.9 25.3

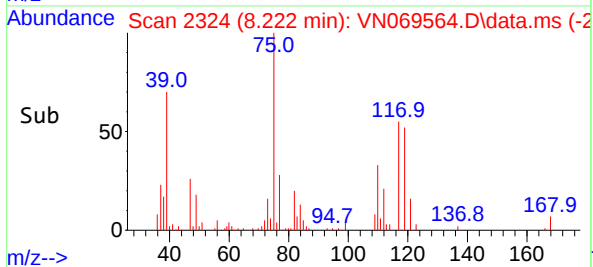
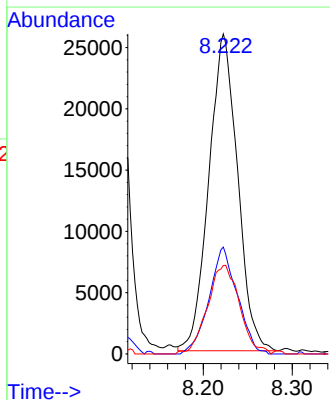
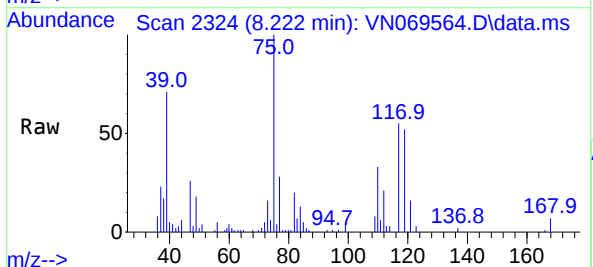
Manual Integrations
APPROVED

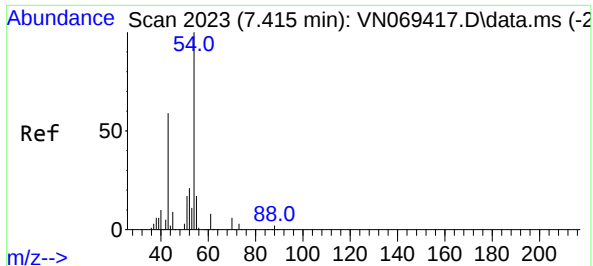
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#36
1,1-Dichloropropene
Concen: 1.631 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Tgt Ion: 75 Resp: 57973
Ion Ratio Lower Upper
75 100
110 33.3 18.4 55.2
77 31.2 24.4 36.6





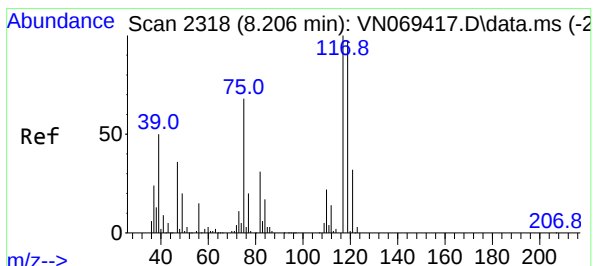
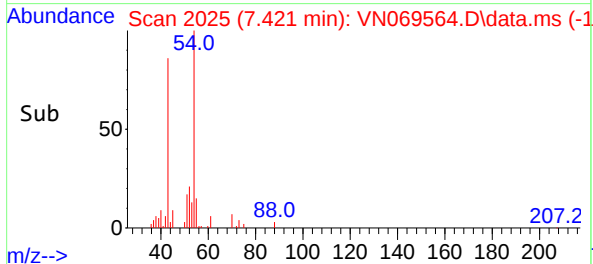
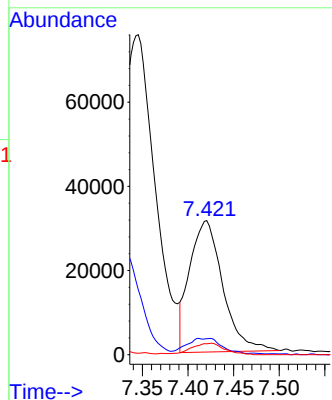
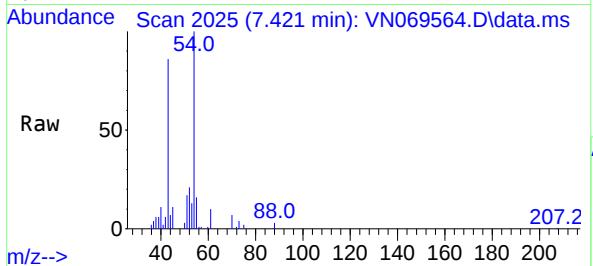
#37
Ethyl Acetate
Concen: 1.646 ug/l
RT: 7.421 min Scan# 2023
Delta R.T. 0.006 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 43 Resp: 7908
Ion Ratio Lower Upper
43 100
61 4.3 11.5 17.3
70 8.6 7.9 11.9

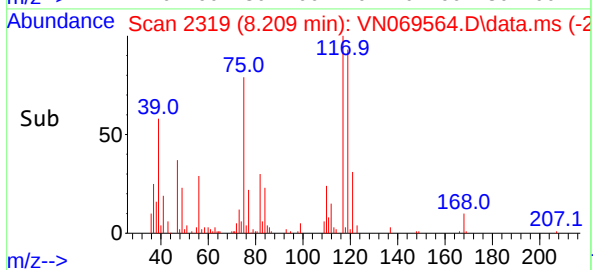
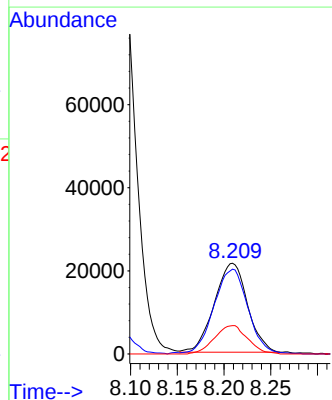
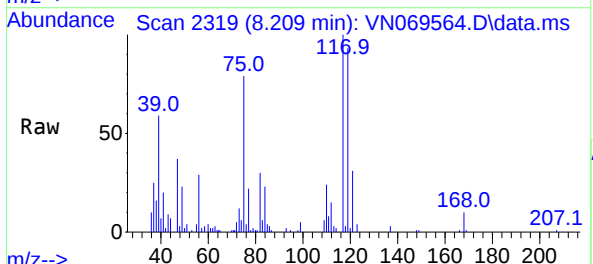
Manual Integrations
APPROVED

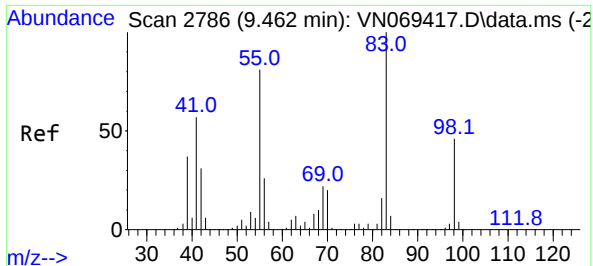
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#38
Carbon Tetrachloride
Concen: 1.541 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.003 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

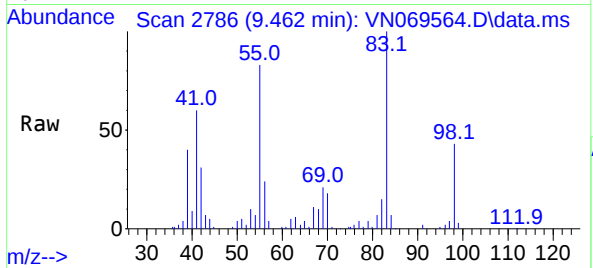
Tgt Ion:117 Resp: 52874
Ion Ratio Lower Upper
117 100
119 94.0 76.1 114.1
121 31.7 24.2 36.2





#39
Methylcyclohexane
Concen: 1.526 ug/l
RT: 9.462 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

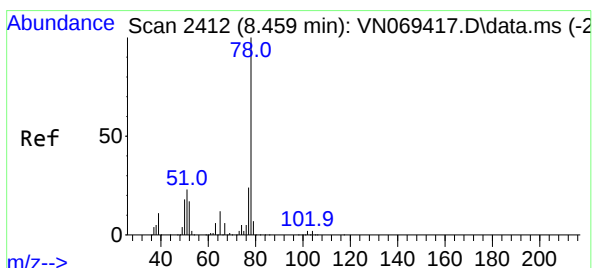
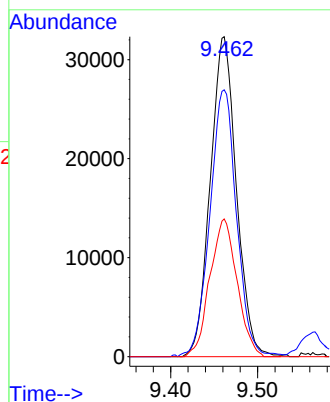
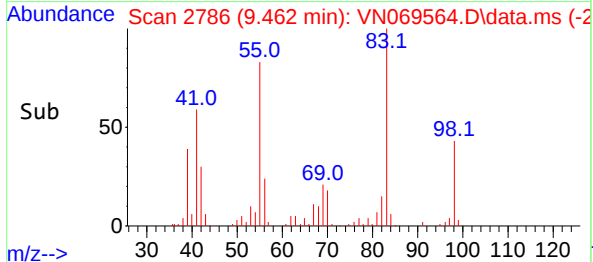
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 83 Resp: 6748
Ion Ratio Lower Upper
83 100
55 82.8 58.1 87.1
98 43.0 38.4 57.6

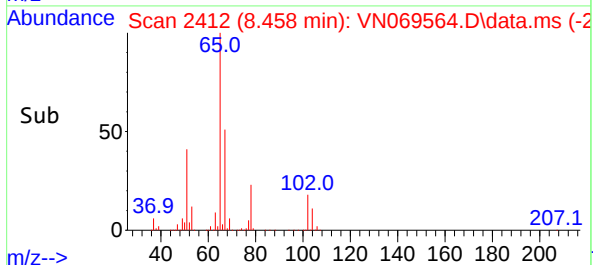
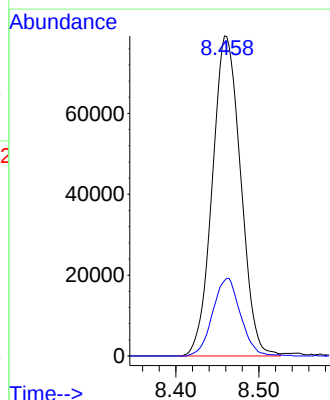
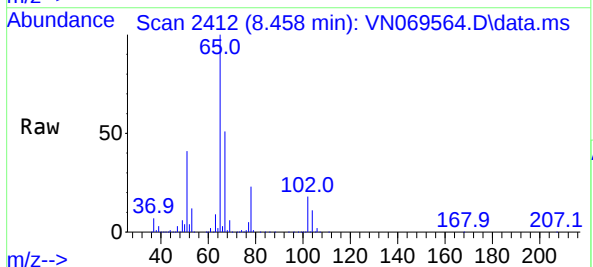
Manual Integrations
APPROVED

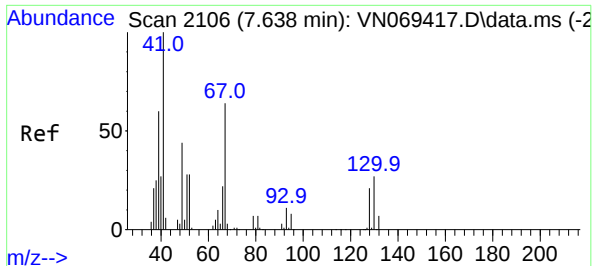
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#40
Benzene
Concen: 1.710 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

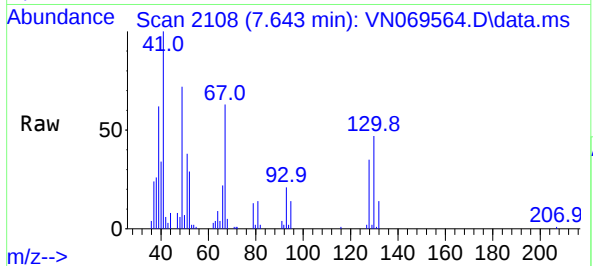
Tgt Ion: 78 Resp: 187631
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8





#41
Methacrylonitrile
Concen: 1.545 ug/l
RT: 7.643 min Scan# 2106
Delta R.T. 0.005 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

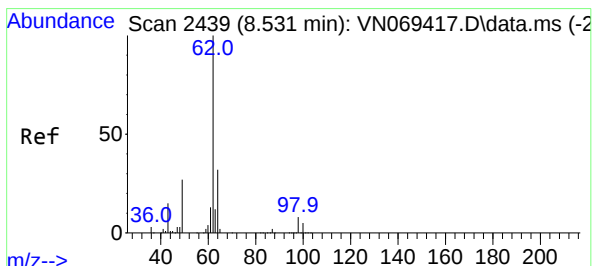
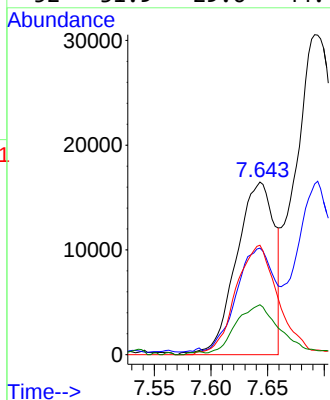
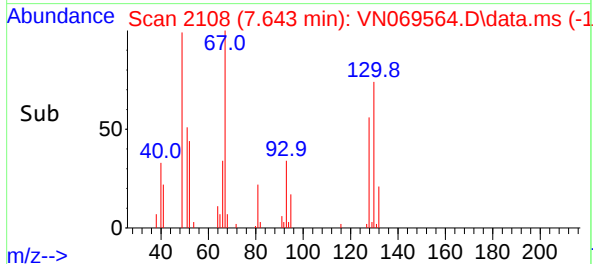
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 41 Resp: 3835
Ion Ratio Lower Upper
41 100
39 59.1 48.1 72.1
67 71.3 68.3 102.5
52 31.9 29.6 44.4

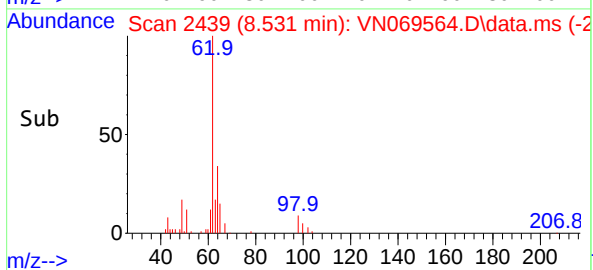
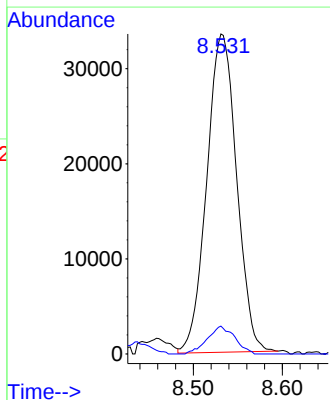
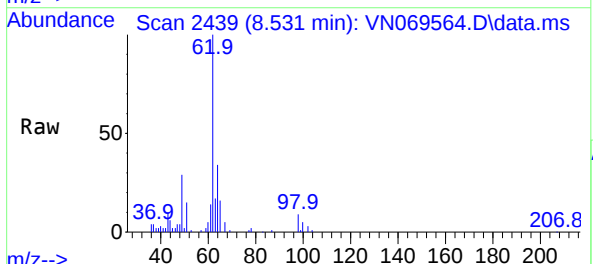
Manual Integrations
APPROVED

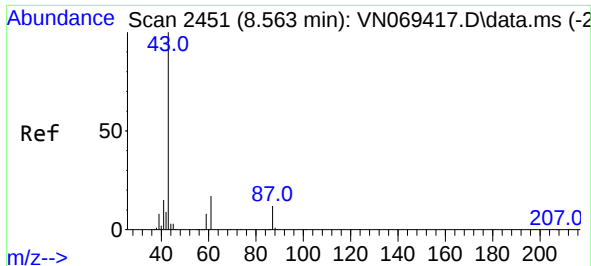
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#42
1,2-Dichloroethane
Concen: 1.817 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

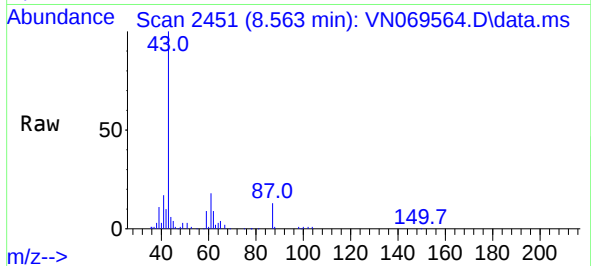
Tgt Ion: 62 Resp: 78053
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.6





#43
Isopropyl Acetate
Concen: 1.549 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

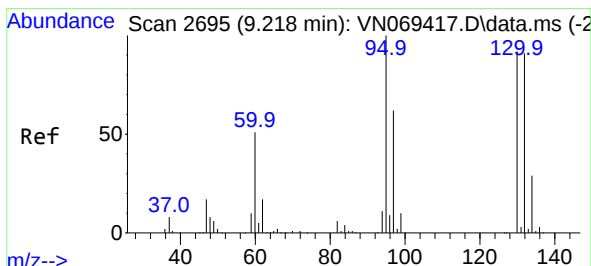
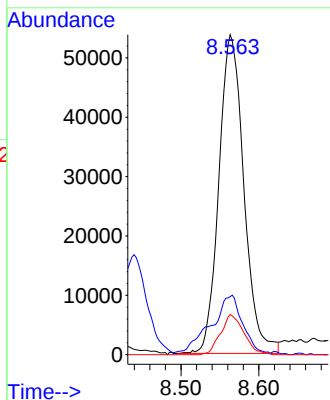
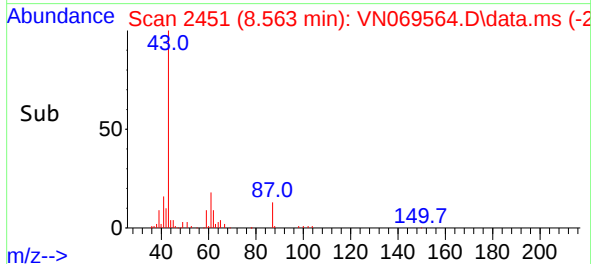
Instrument : MSVOA_N
ClientSampleId : VN069564.D
LOQ-WATER-02-QT4-2021



Tgt Ion: 43 Resp: 119588
Ion Ratio Lower Upper
43 100
61 23.1 20.4 30.6
87 11.7 11.2 16.8

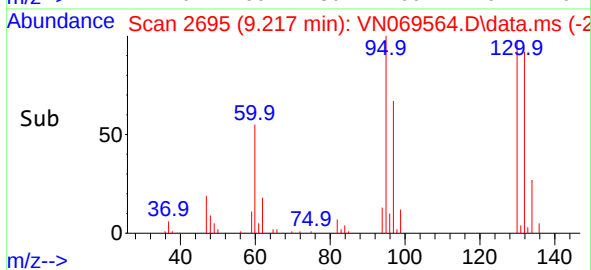
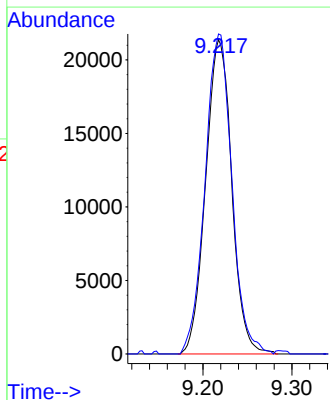
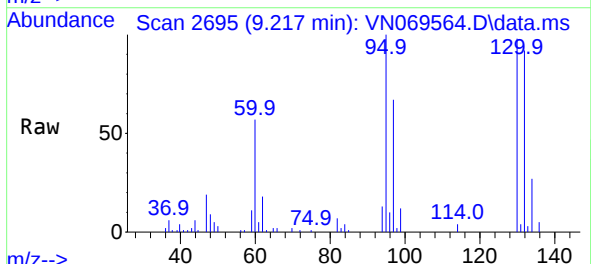
Manual Integrations
APPROVED

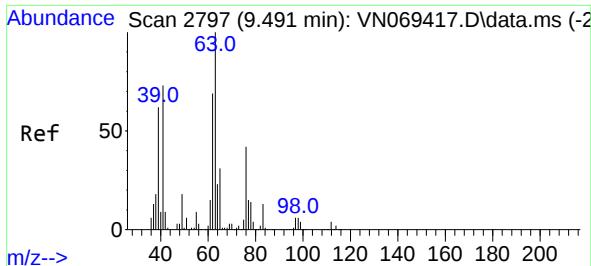
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#44
Trichloroethene
Concen: 1.658 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Tgt Ion:130 Resp: 43534
Ion Ratio Lower Upper
130 100
95 101.8 0.0 191.2





#45

1,2-Dichloropropane

Concen: 1.696 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069564.D

Acq: 18 Nov 2021 19:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 63 Resp: 49734

Ion Ratio Lower Upper

63 100

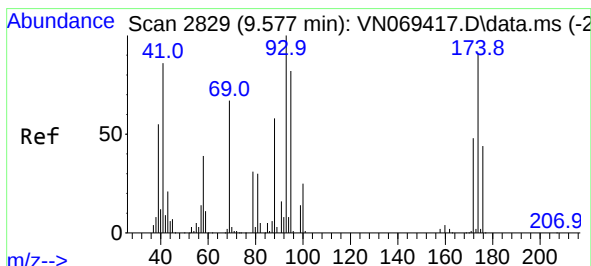
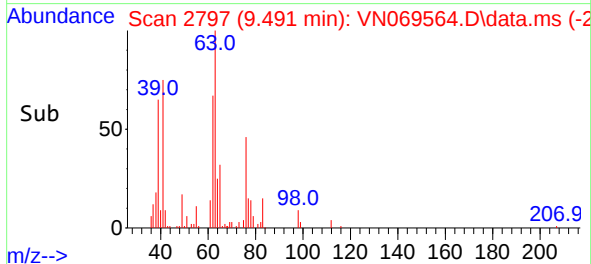
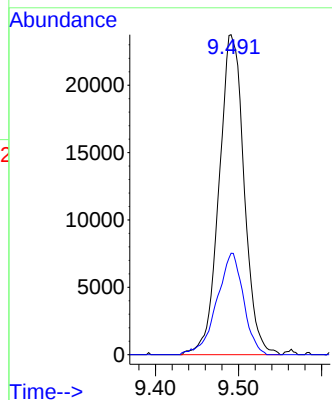
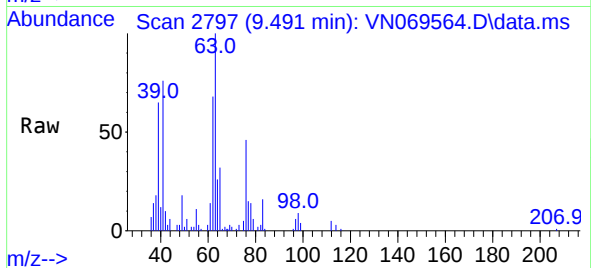
65 31.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Semsettin Yesilyurt 11/19/2021



#46

Dibromomethane

Concen: 1.671 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069564.D

Acq: 18 Nov 2021 19:59

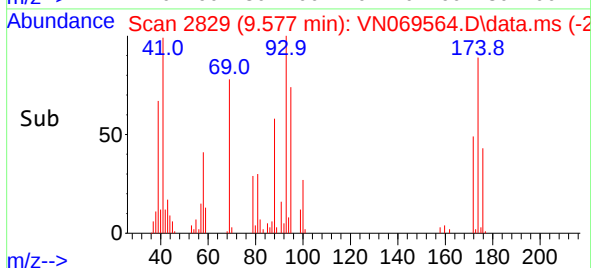
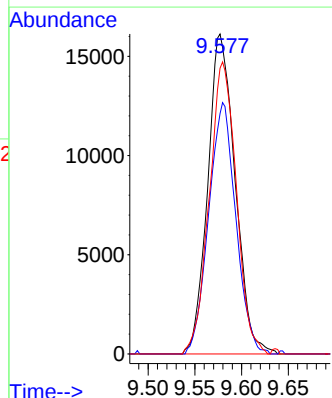
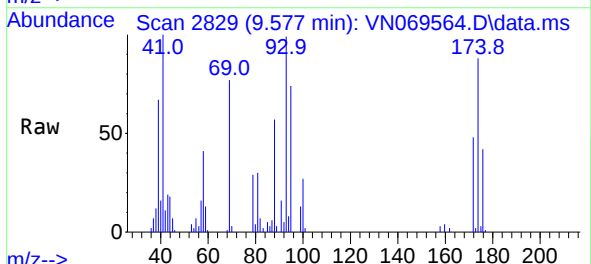
Tgt Ion: 93 Resp: 32821

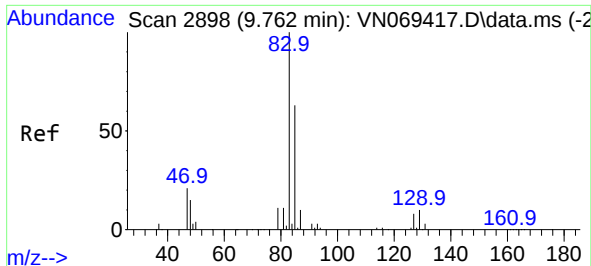
Ion Ratio Lower Upper

93 100

95 77.9 65.9 98.9

174 90.3 84.6 127.0





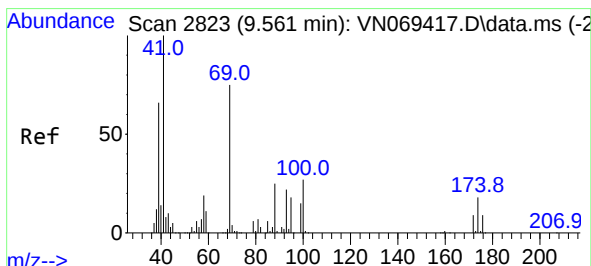
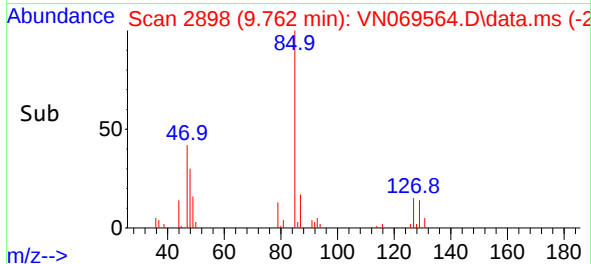
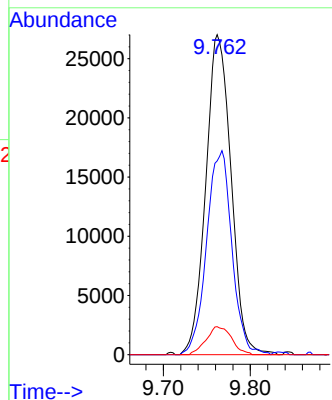
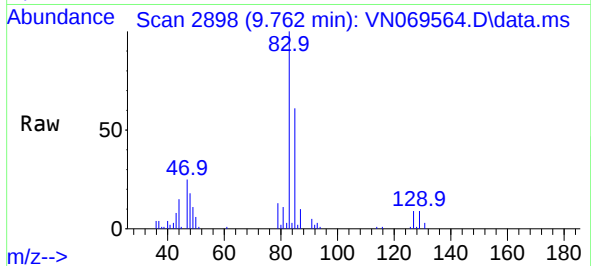
#47
Bromodichloromethane
Concen: 1.492 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Instrument : MSVOA_N
ClientSampleId : VN069564.D
LOQ-WATER-02-QT4-2021

Tgt Ion: 83 Resp: 54662
Ion Ratio Lower Upper
83 100
85 60.5 50.9 76.3
127 8.7 7.1 10.7

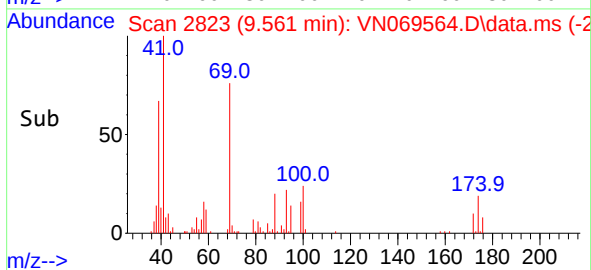
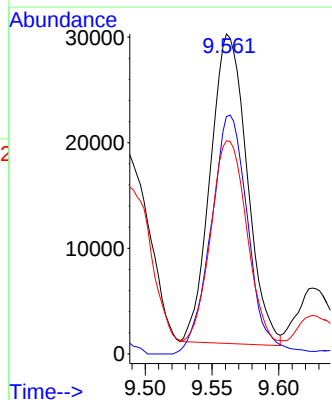
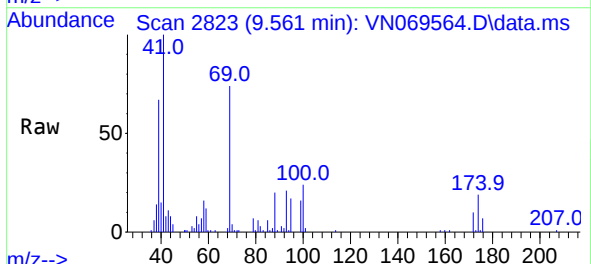
Manual Integrations
APPROVED

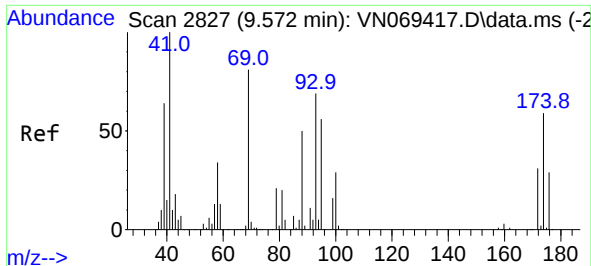
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#48
Methyl methacrylate
Concen: 1.542 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Tgt Ion: 41 Resp: 55986
Ion Ratio Lower Upper
41 100
69 78.0 72.4 108.6
39 64.0 58.4 87.6





#49

1,4-Dioxane

Concen: 31.775 ug/l

RT: 9.577 min Scan# 2827

Delta R.T. 0.005 min

Lab File: VN069564.D

Acq: 18 Nov 2021 19:59

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 88 Resp: 2058

Ion Ratio Lower Upper

88 100

43 33.7 23.4 35.2

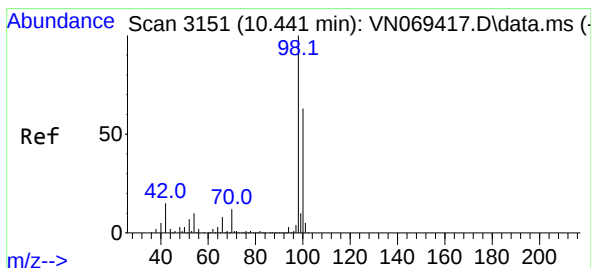
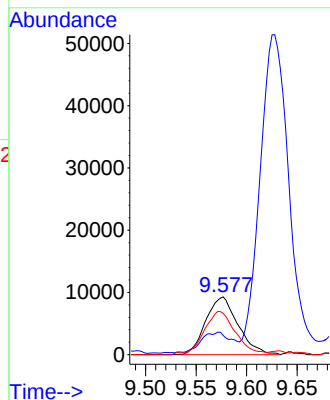
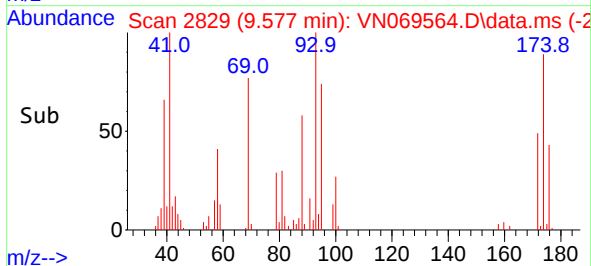
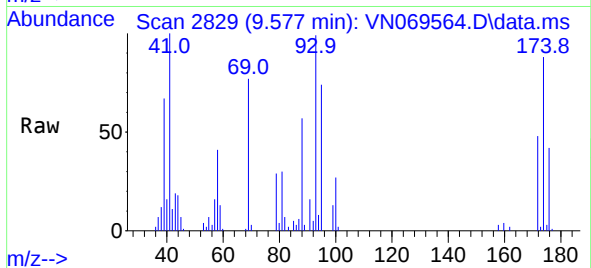
58 67.1 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Semsettin Yesilyurt 11/19/2021



#50

Toluene-d8

Concen: 54.027 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.002 min

Lab File: VN069564.D

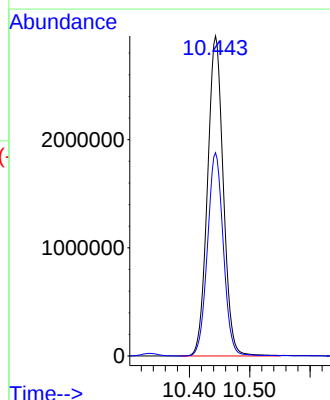
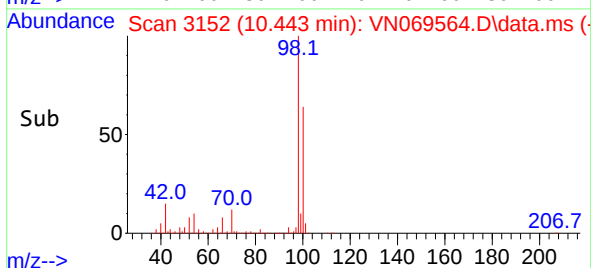
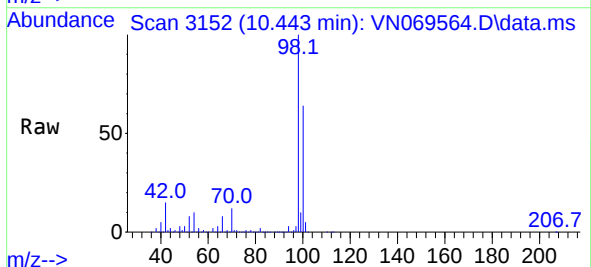
Acq: 18 Nov 2021 19:59

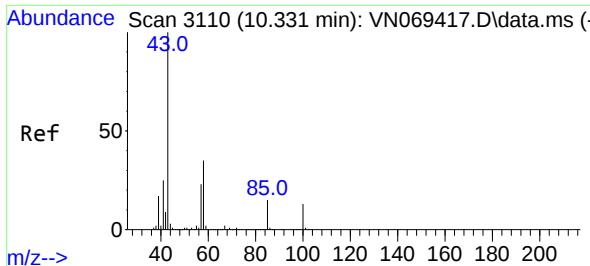
Tgt Ion: 98 Resp: 5384397

Ion Ratio Lower Upper

98 100

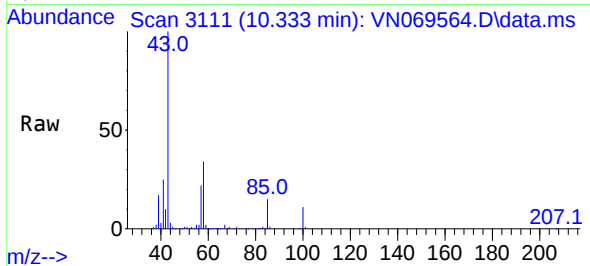
100 63.7 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 8.090 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

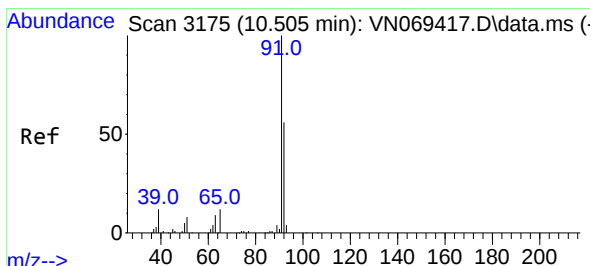
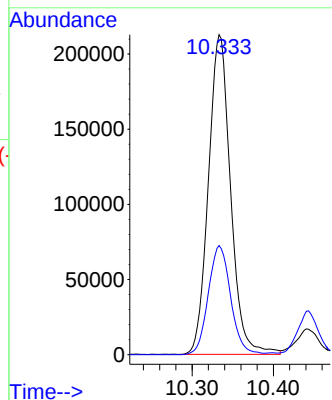
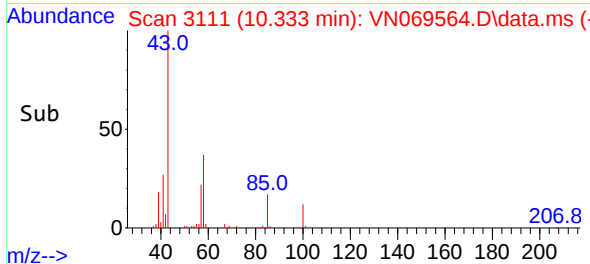
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 43 Resp: 403080
Ion Ratio Lower Upper
43 100
58 34.5 30.4 45.6

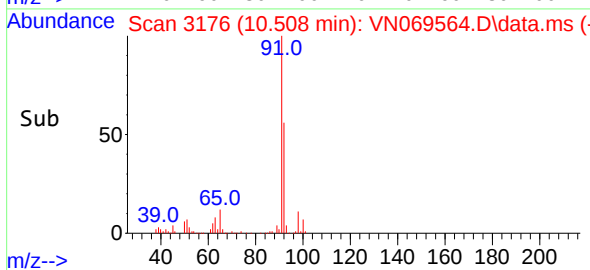
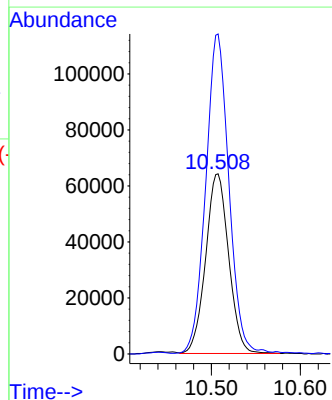
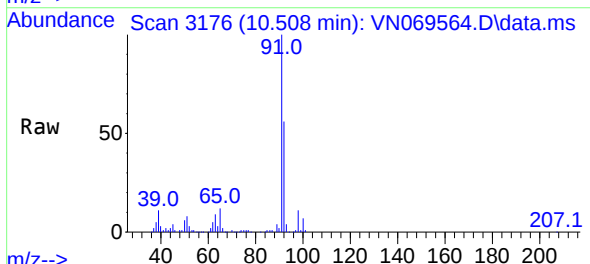
Manual Integrations
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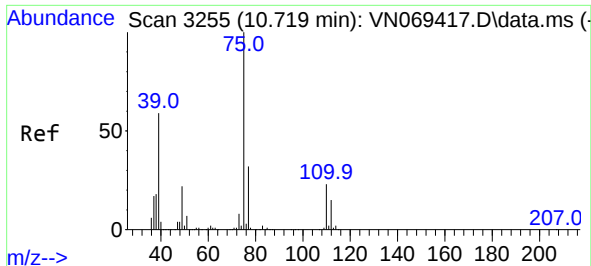
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#52
Toluene
Concen: 1.686 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.003 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Tgt Ion: 92 Resp: 115257
Ion Ratio Lower Upper
92 100
91 177.5 142.0 213.0





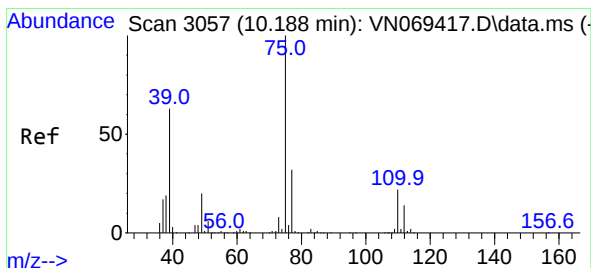
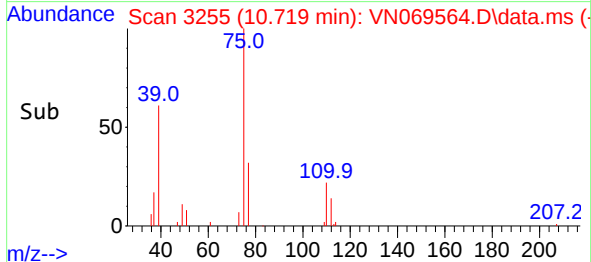
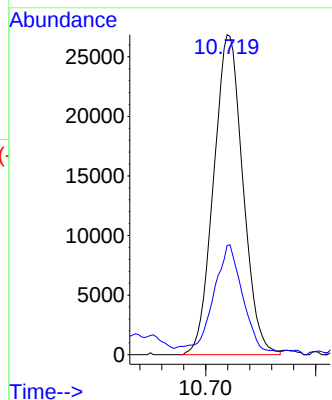
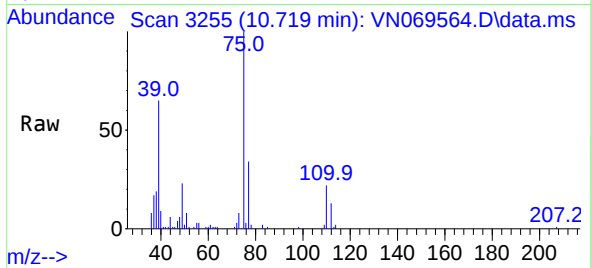
#53
 t-1,3-Dichloropropene
 Concen: 1.296 ug/l
 RT: 10.719 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VN069564.D
 Acq: 18 Nov 2021 19:59

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Tgt Ion: 75 Resp: 4964
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.6 38.4

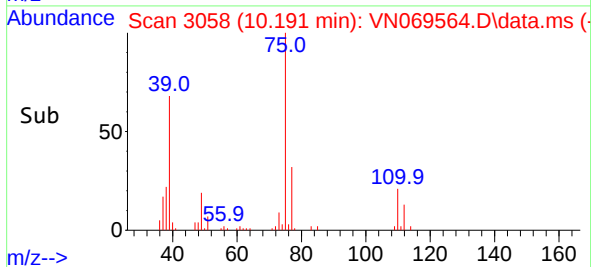
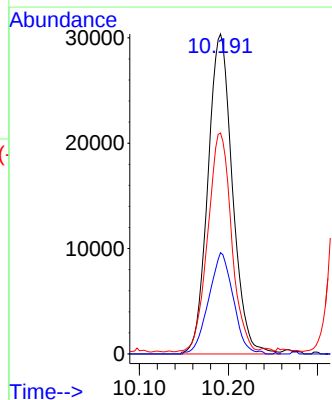
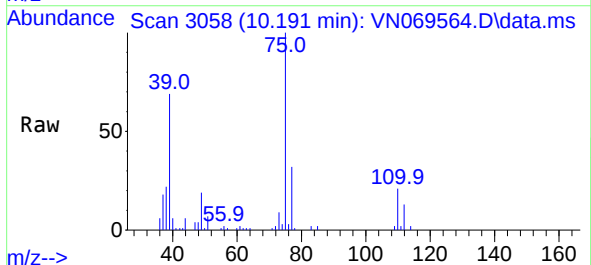
Manual Integrations
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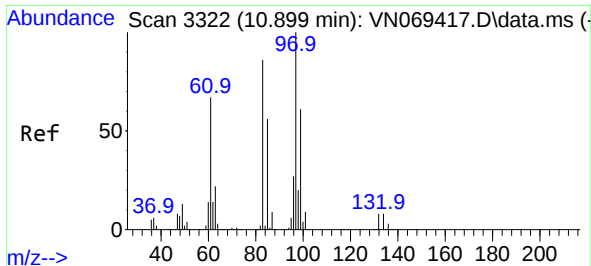
Reviewed By :John Carlone 11/19/2021
 Supervised By :Semsettin Yesilyurt 11/19/2021



#54
 cis-1,3-Dichloropropene
 Concen: 1.391 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.003 min
 Lab File: VN069564.D
 Acq: 18 Nov 2021 19:59

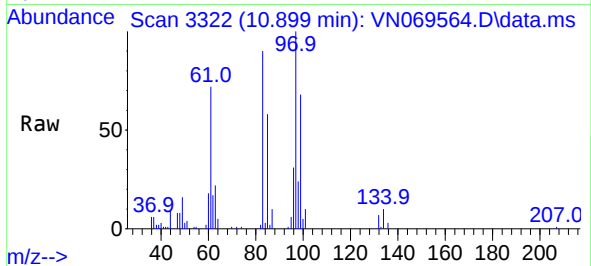
Tgt Ion: 75 Resp: 58127
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.4 39.6
 39 68.1 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 1.647 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

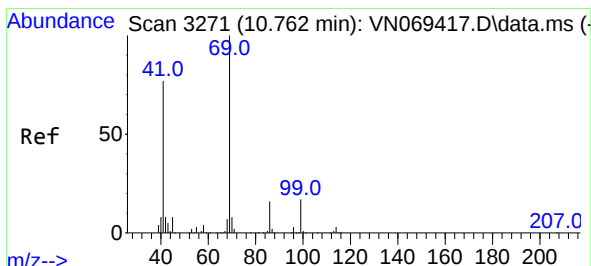
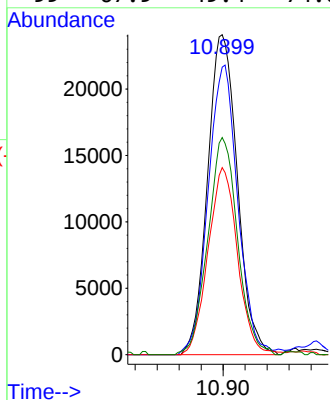
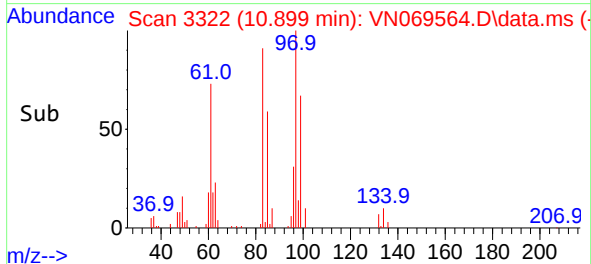
Instrument : MSVOA_N
ClientSampleId : VN069564.D
LOQ-WATER-02-QT4-2021



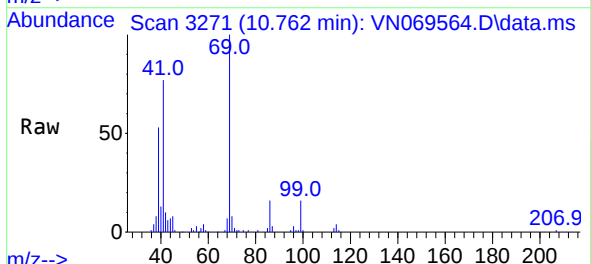
Tgt Ion: 97 Resp: 45379
Ion Ratio Lower Upper
97 100
83 89.9 67.8 101.6
85 58.5 45.4 68.2
99 67.9 49.4 74.0

Manual Integrations
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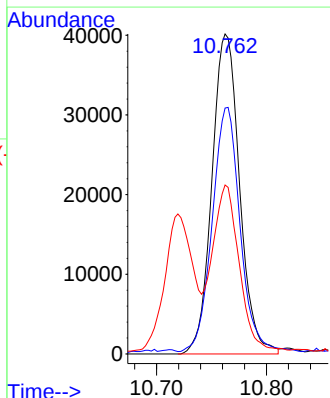
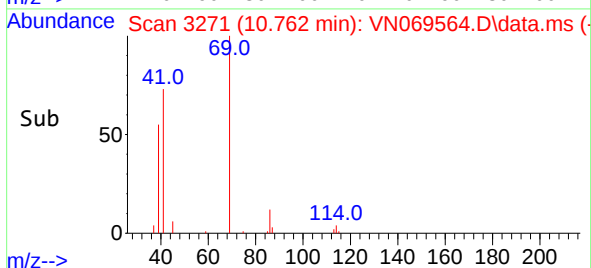
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#56
Ethyl methacrylate
Concen: 1.540 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59



Tgt Ion: 69 Resp: 70262
Ion Ratio Lower Upper
69 100
41 76.7 51.4 77.0
39 50.6 34.6 52.0





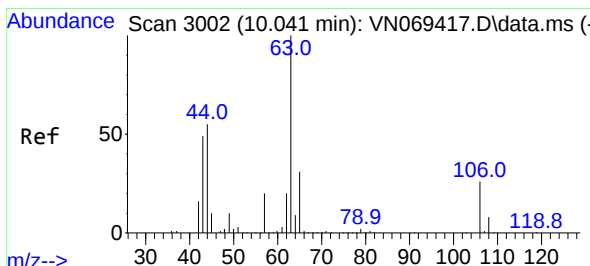
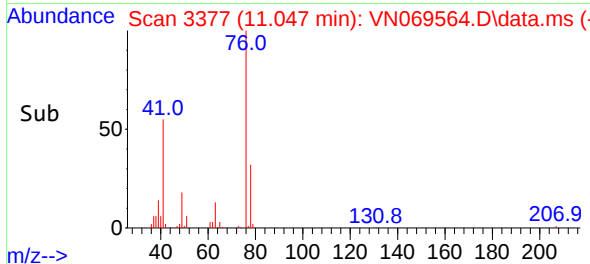
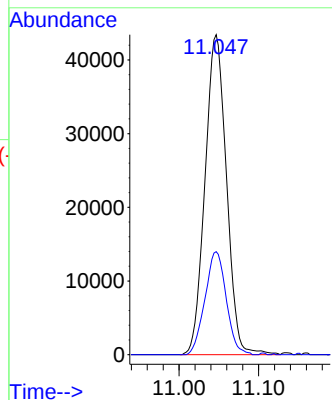
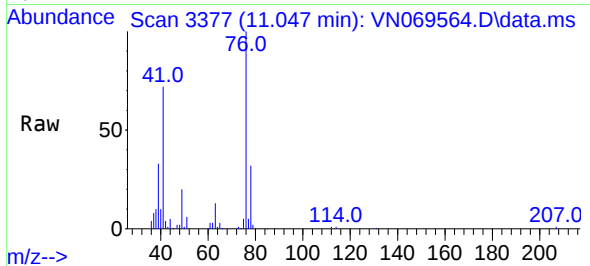
#57
1,3-Dichloropropane
Concen: 1.685 ug/l
RT: 11.047 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 76 Resp: 8161
Ion Ratio Lower Upper
76 100
78 31.9 25.7 38.5

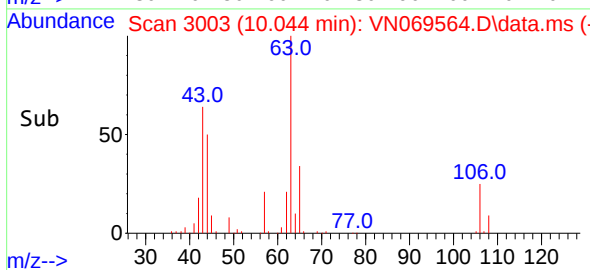
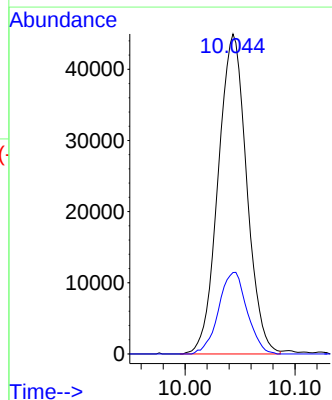
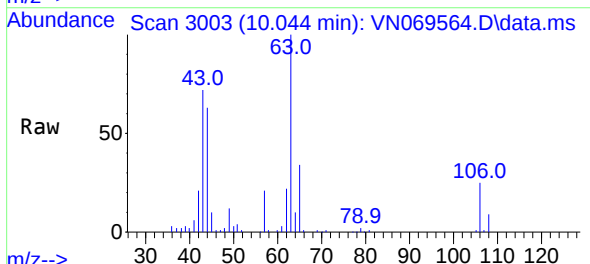
Manual Integrations
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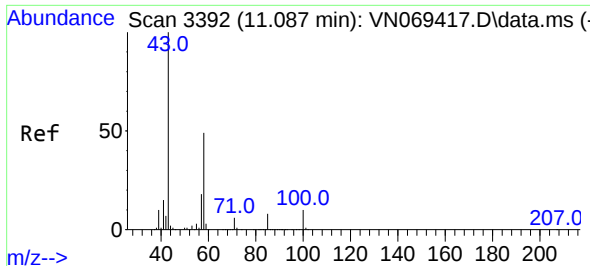
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#58
2-Chloroethyl Vinyl ether
Concen: 7.664 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.003 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Tgt Ion: 63 Resp: 81029
Ion Ratio Lower Upper
63 100
106 25.4 23.9 35.9





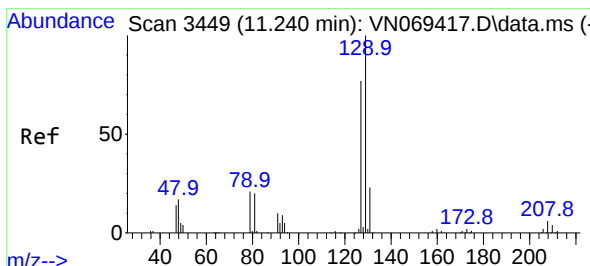
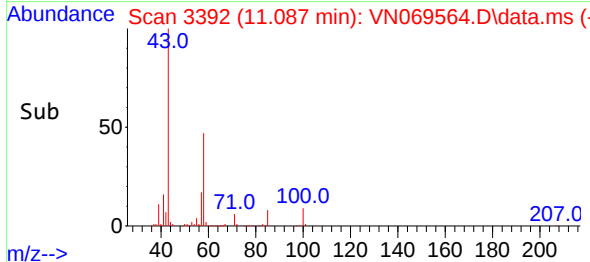
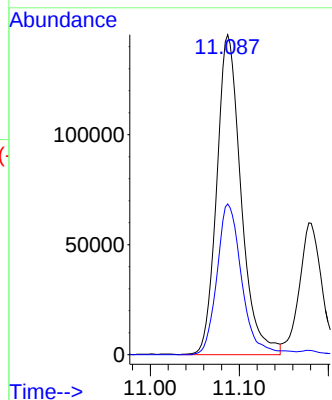
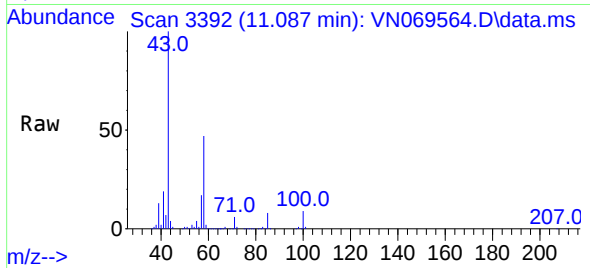
#59
2-Hexanone
Concen: 7.443 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 43 Resp: 27636
Ion Ratio Lower Upper
43 100
58 47.5 26.9 80.7

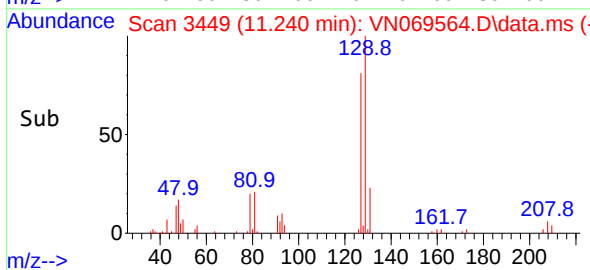
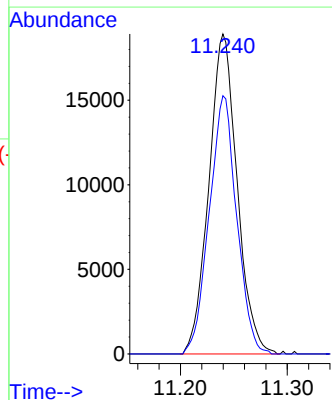
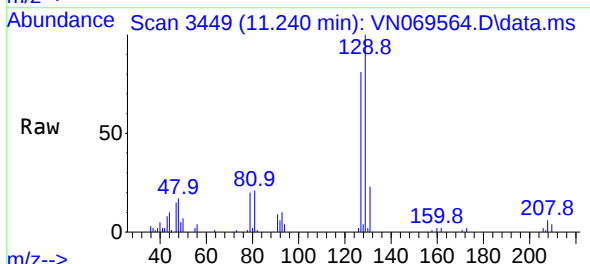
Manual Integrations
APPROVED

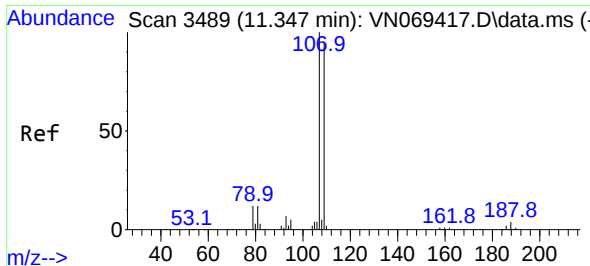
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#60
Dibromochloromethane
Concen: 1.349 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

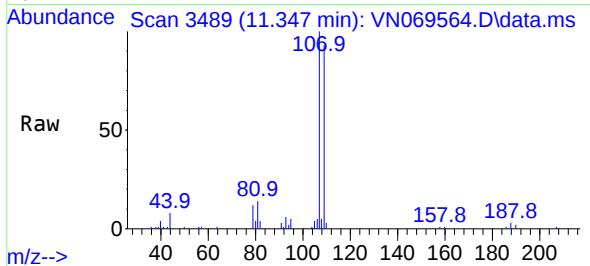
Tgt Ion:129 Resp: 34786
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 1.551 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

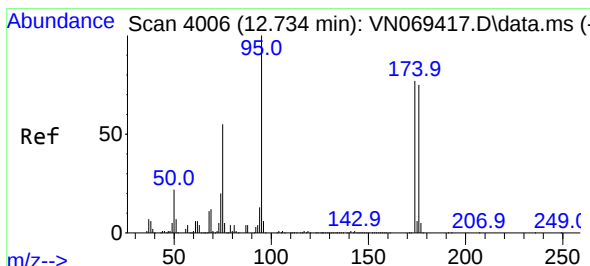
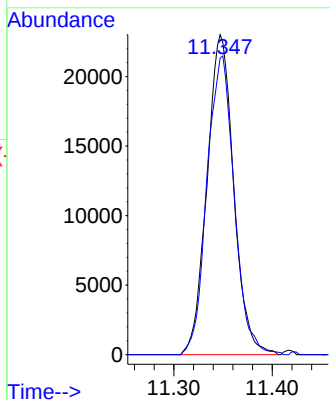
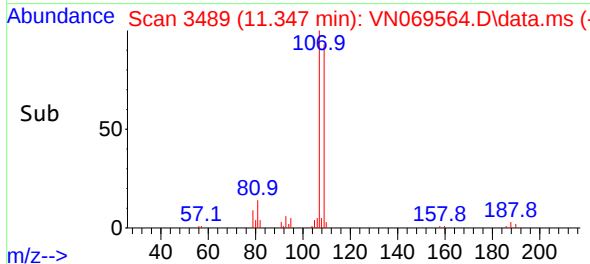
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



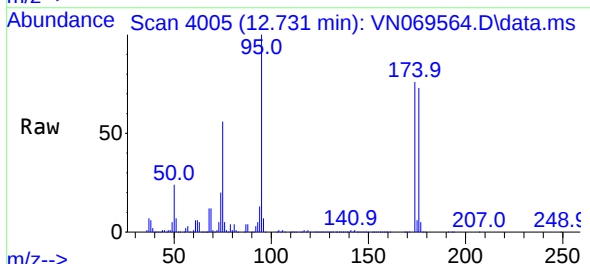
Tgt Ion:107 Resp: 4327
Ion Ratio Lower Upper
107 100
109 95.8 75.7 113.5

Manual Integrations
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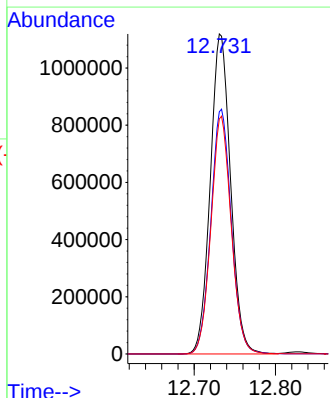
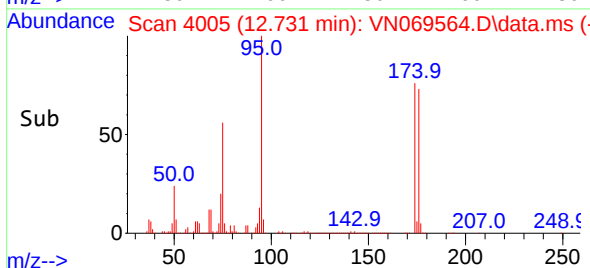
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

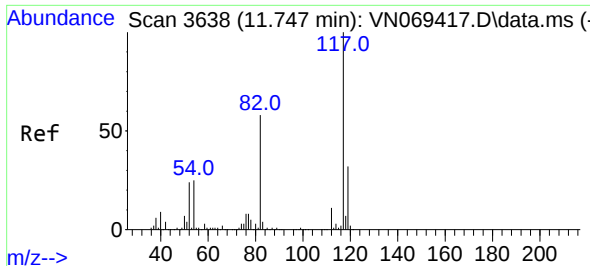


#62
4-Bromofluorobenzene
Concen: 53.054 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59



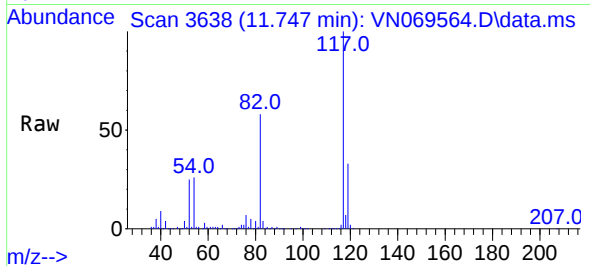
Tgt Ion: 95 Resp: 1942414
Ion Ratio Lower Upper
95 100
174 77.1 0.0 187.2
176 74.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

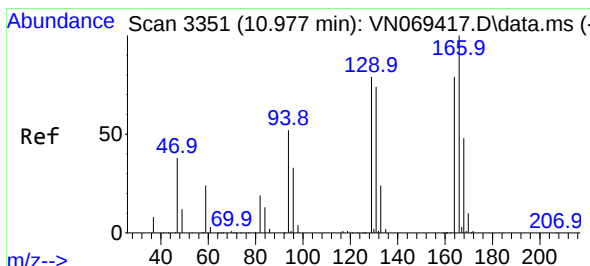
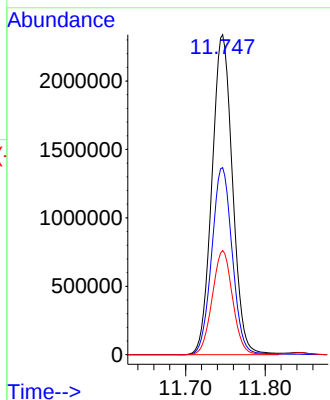
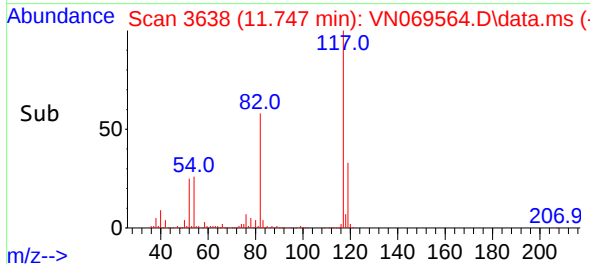
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



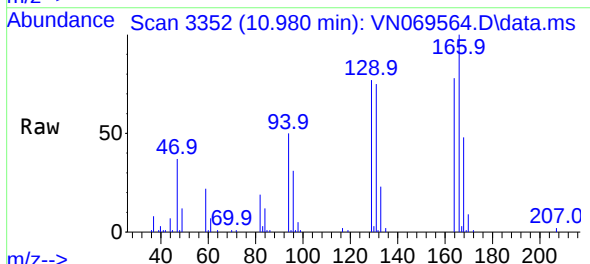
Tgt Ion:117 Resp: 4204274
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 32.6 25.4 38.2

Manual Integrations
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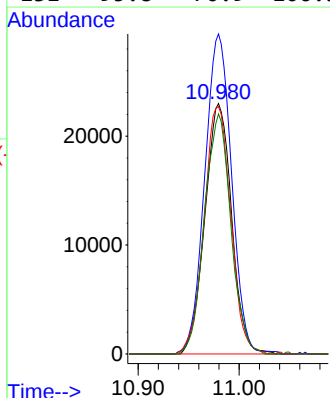
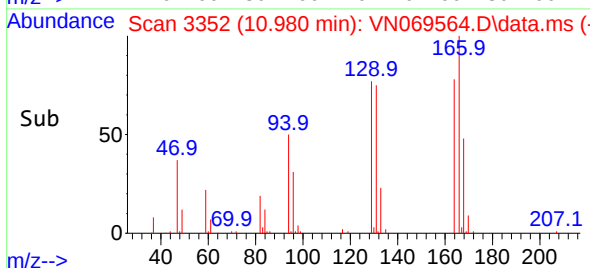
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

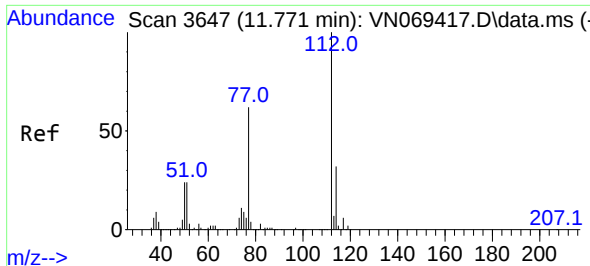


#64
Tetrachloroethene
Concen: 1.666 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.003 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59



Tgt Ion:164 Resp: 42301
Ion Ratio Lower Upper
164 100
166 127.0 101.9 152.9
129 98.0 72.0 108.0
131 95.8 70.9 106.3





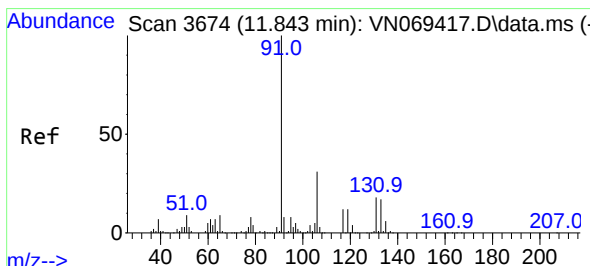
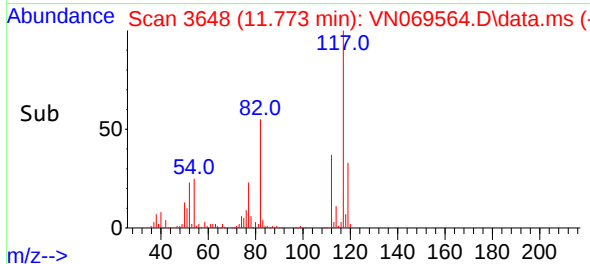
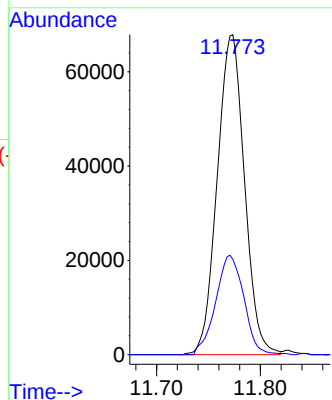
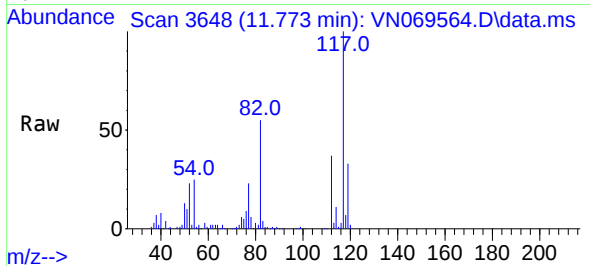
#65
Chlorobenzene
Concen: 1.581 ug/l
RT: 11.773 min Scan# 3647
Delta R.T. 0.002 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:112 Resp: 123684
Ion Ratio Lower Upper
112 100
114 29.8 25.4 38.0

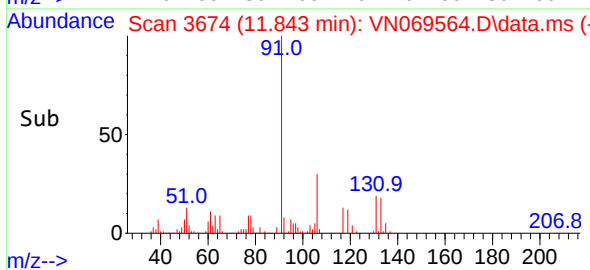
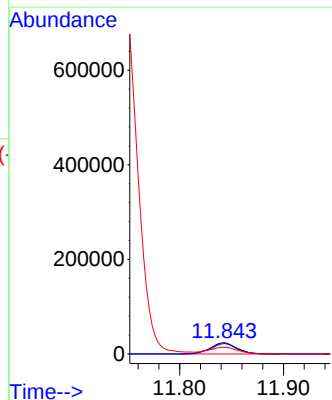
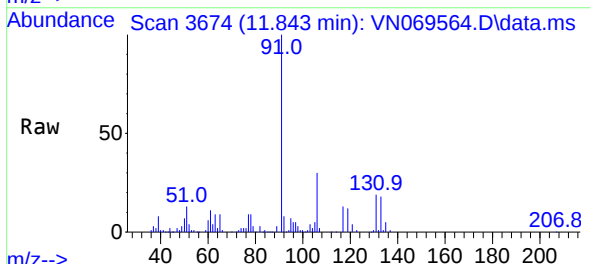
Manual Integrations
APPROVED

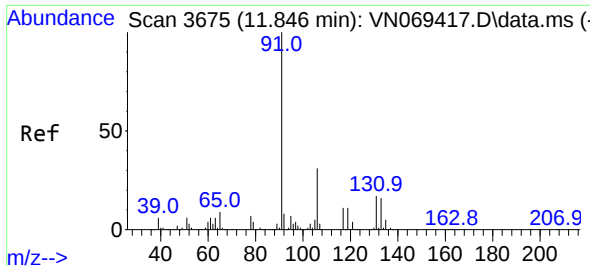
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 1.515 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Tgt Ion:131 Resp: 41114
Ion Ratio Lower Upper
131 100
133 93.2 47.9 143.7
119 0.0 32.1 96.5#





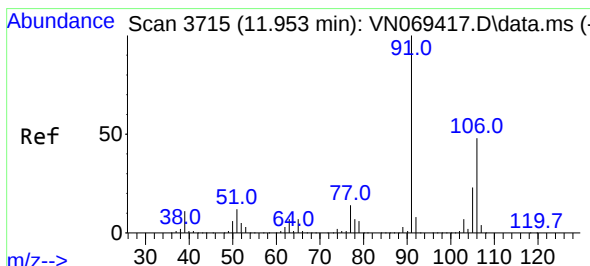
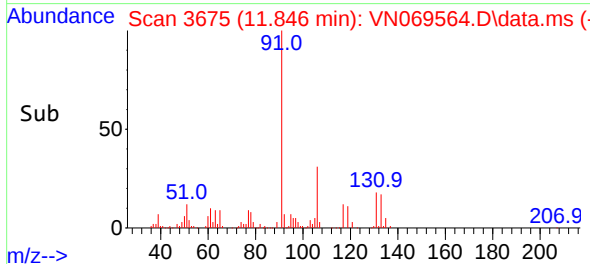
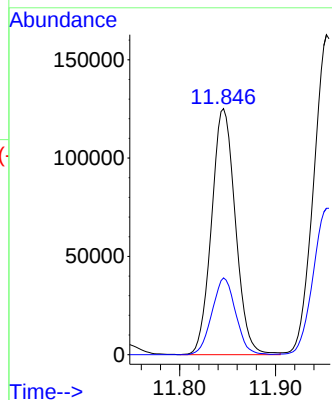
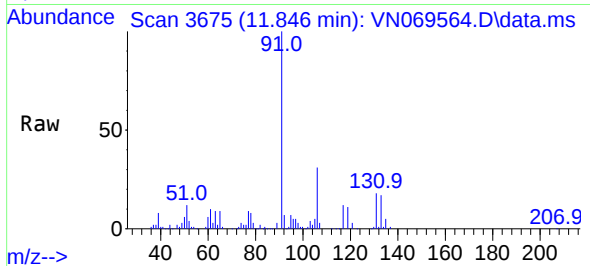
#67
Ethyl Benzene
Concen: 1.498 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 91 Resp: 216230
Ion Ratio Lower Upper
91 100
106 31.3 25.7 38.5

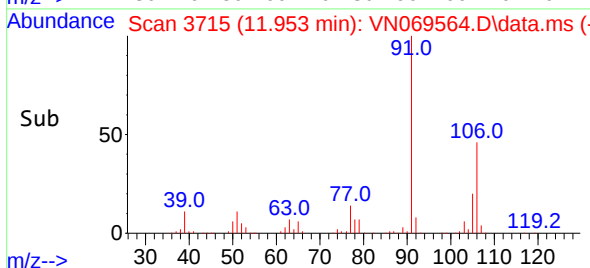
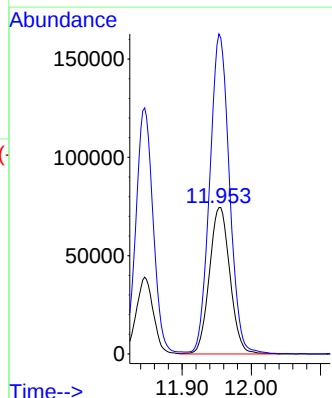
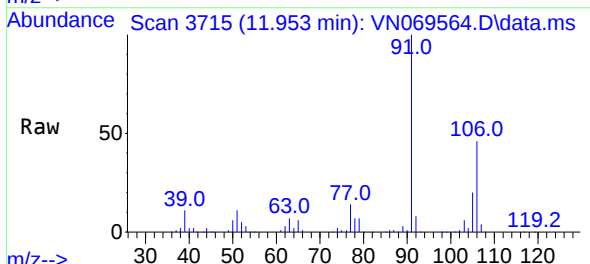
Manual Integrations
APPROVED

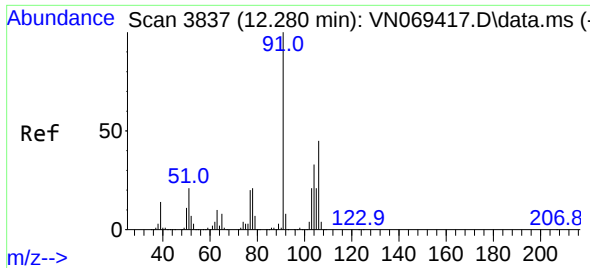
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#68
m/p-Xylenes
Concen: 2.897 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Tgt Ion:106 Resp: 153776
Ion Ratio Lower Upper
106 100
91 209.3 160.6 240.8





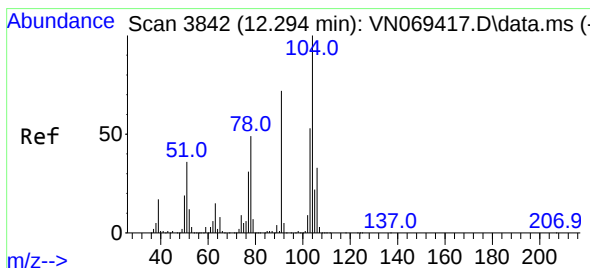
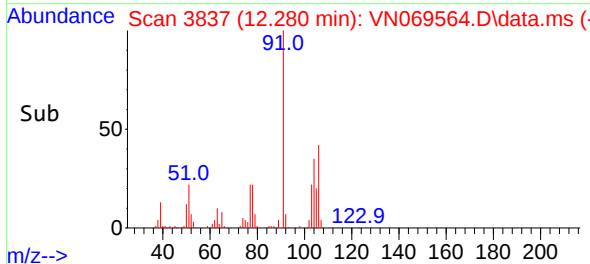
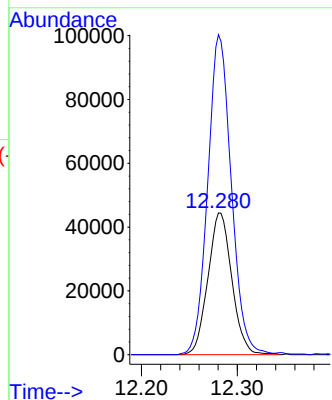
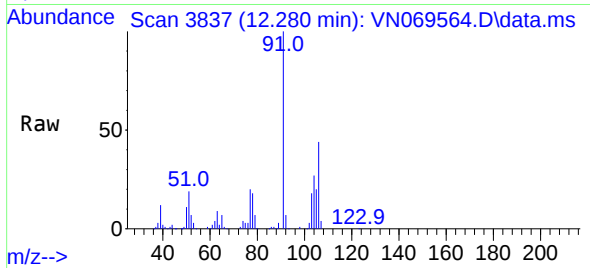
#69
o-Xylene
Concen: 1.455 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:106 Resp: 7699
Ion Ratio Lower Upper
106 100
91 222.6 105.8 317.3

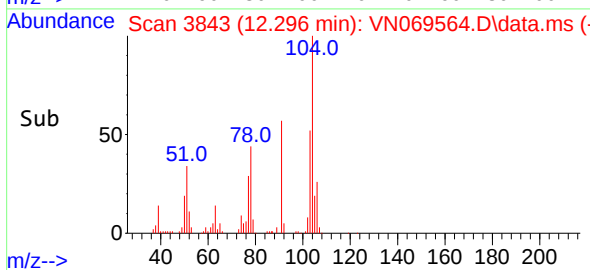
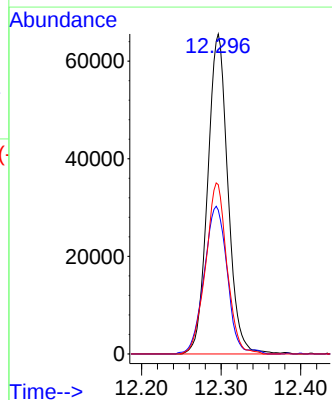
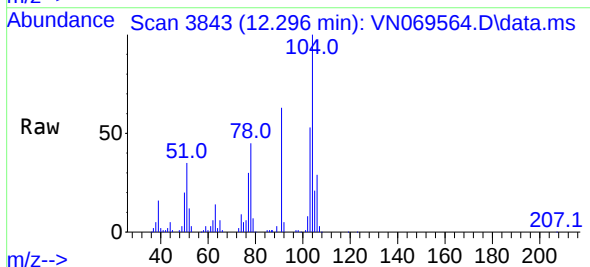
Manual Integrations
APPROVED

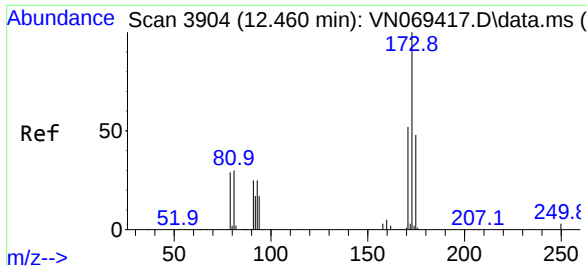
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#70
Styrene
Concen: 1.367 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Tgt Ion:104 Resp: 116221
Ion Ratio Lower Upper
104 100
78 52.7 38.7 58.1
103 56.3 45.0 67.6





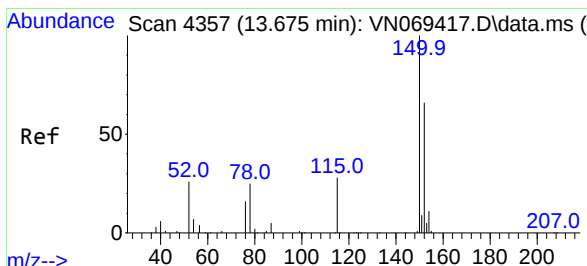
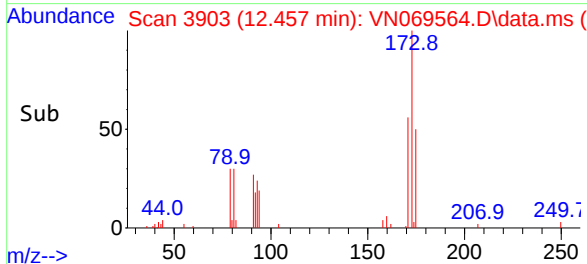
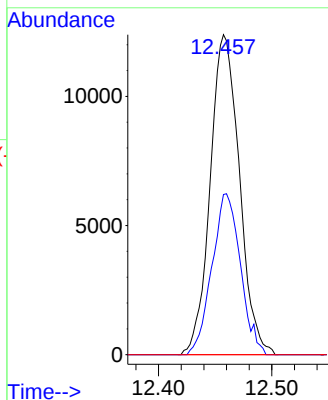
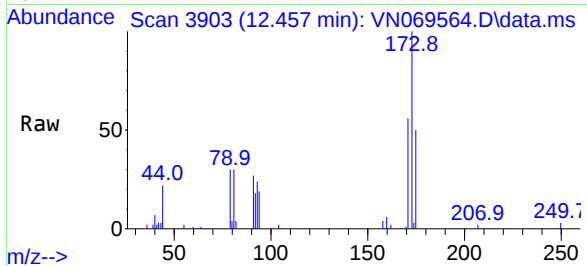
#71
Bromoform
Concen: 1.145 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:173 Resp: 22179
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.0 0.0 0.0

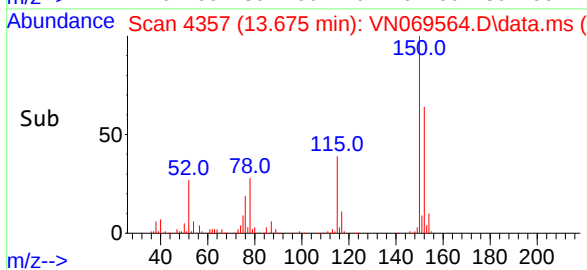
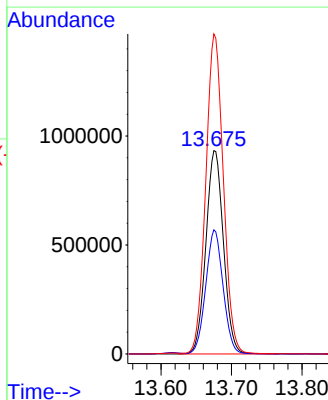
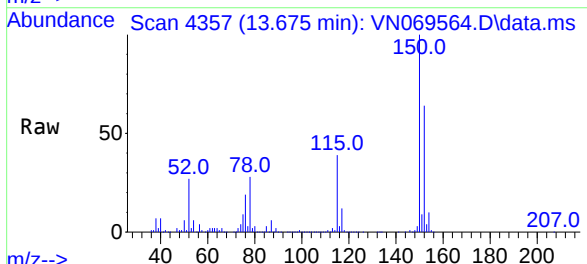
Manual Integrations
APPROVED

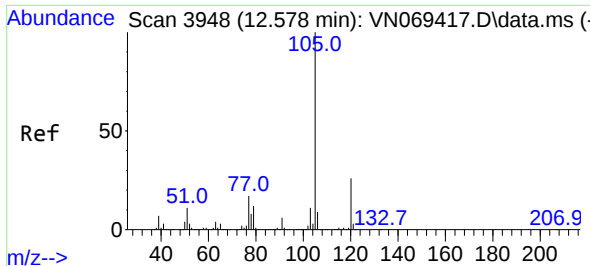
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

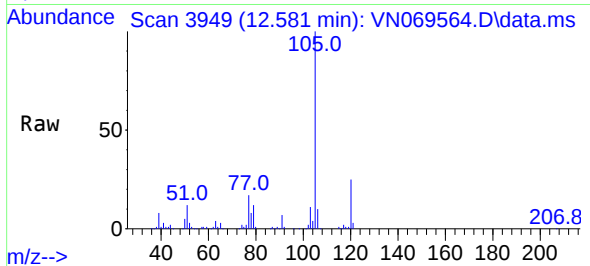
Tgt Ion:152 Resp: 1612077
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 157.3 0.0 344.4





#73
Isopropylbenzene
Concen: 1.500 ug/l
RT: 12.581 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

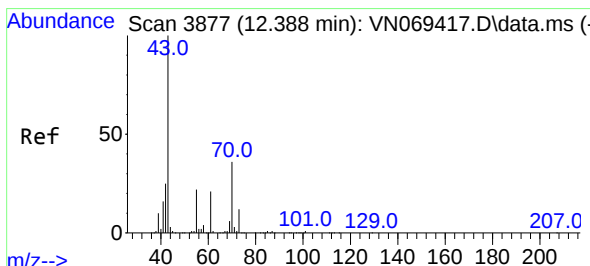
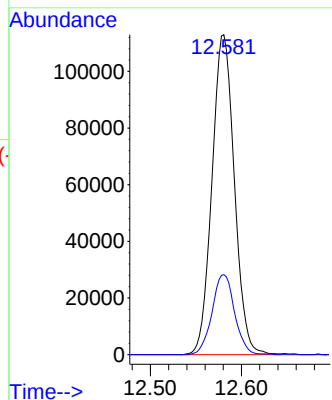
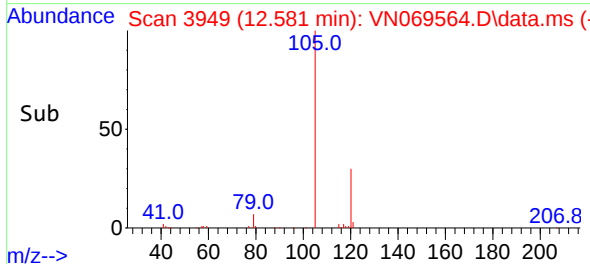
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



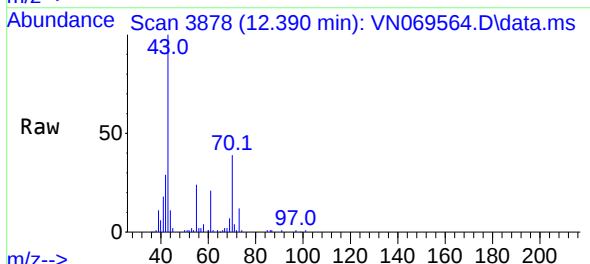
Tgt Ion:105 Resp: 19247
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.1

Manual Integrations
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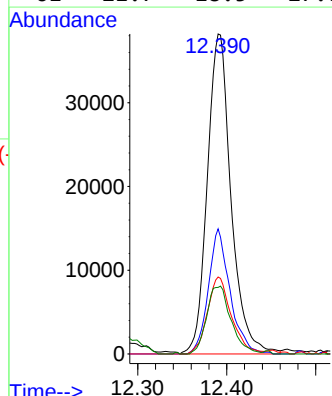
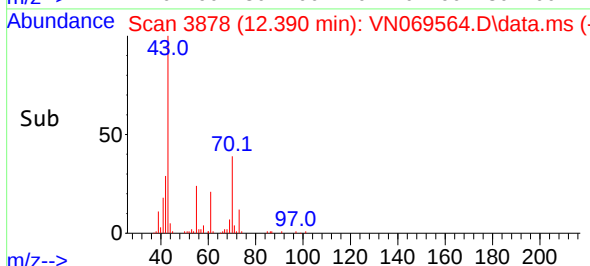
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

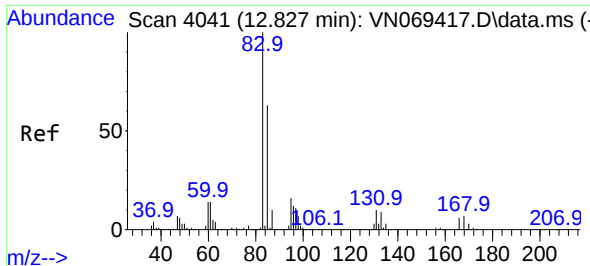


#74
N-ethyl acetate
Concen: 1.302 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59



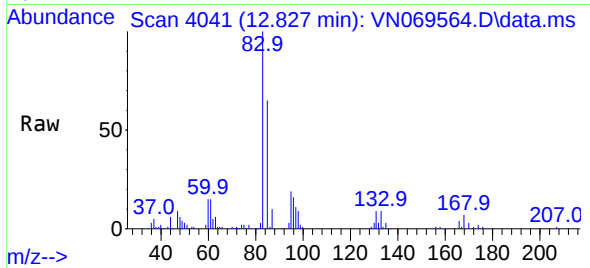
Tgt Ion: 43 Resp: 70819
Ion Ratio Lower Upper
43 100
70 35.7 33.4 50.0
55 24.4 19.3 28.9
61 21.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 1.656 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

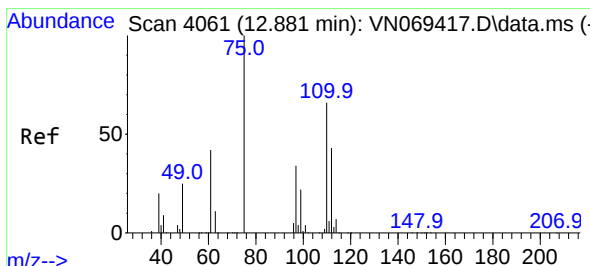
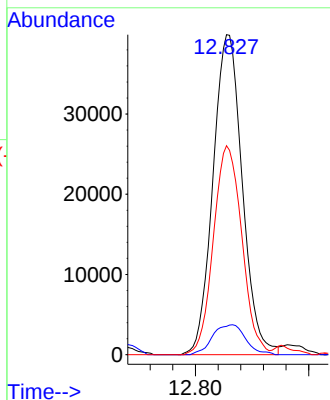
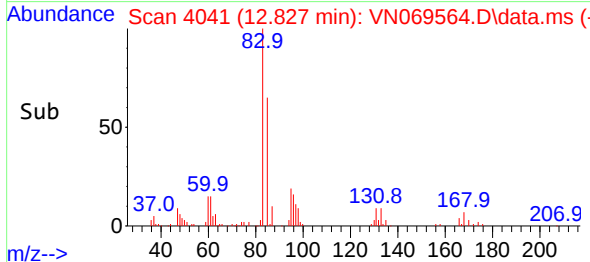
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2021



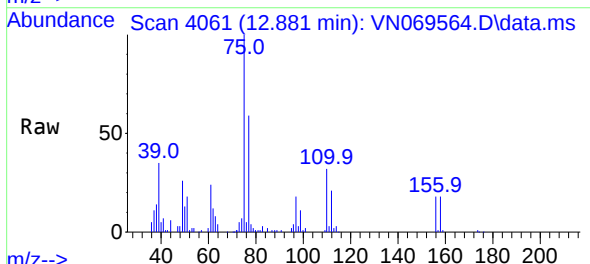
Tgt Ion: 83 Resp: 7167
Ion Ratio Lower Upper
83 100
131 10.5 5.5 16.5
85 63.3 32.4 97.2

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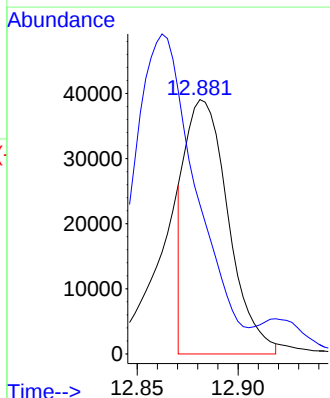
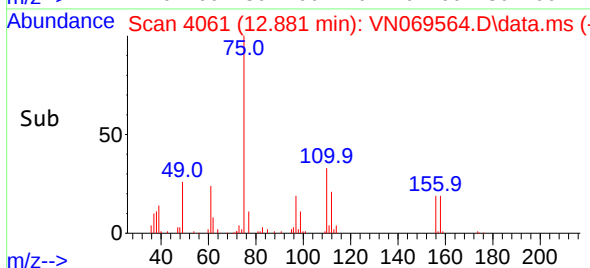
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

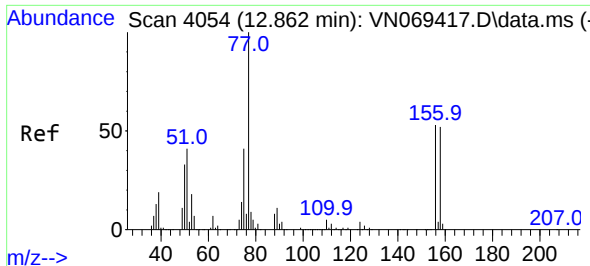


#76
1,2,3-Trichloropropane
Concen: 1.556 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59



Tgt Ion: 75 Resp: 57882
Ion Ratio Lower Upper
75 100
77 184.2 82.6 247.8





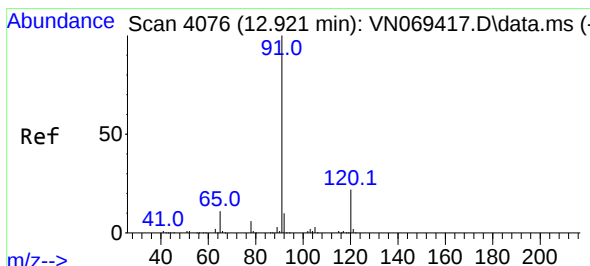
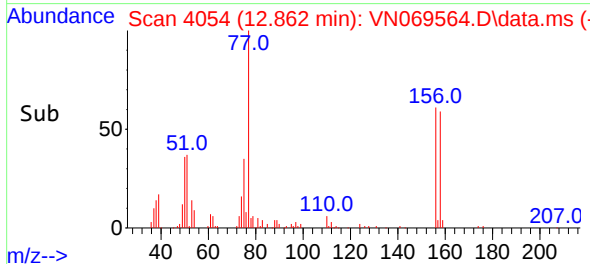
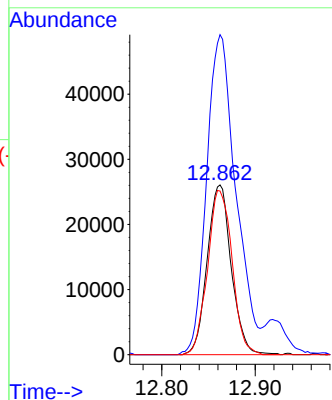
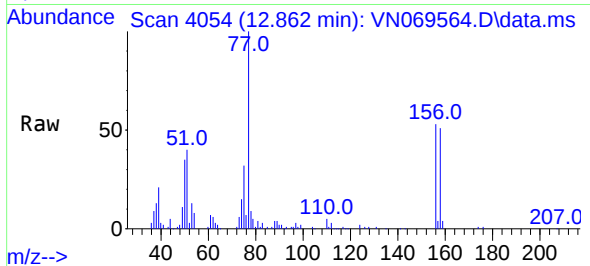
#77
Bromobenzene
Concen: 1.595 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:156 Resp: 4681
Ion Ratio Lower Upper
156 100
77 227.8 90.6 271.8
158 98.5 48.9 146.7

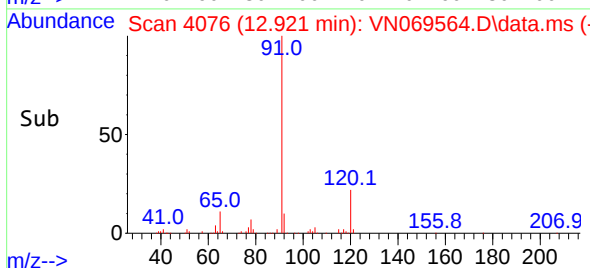
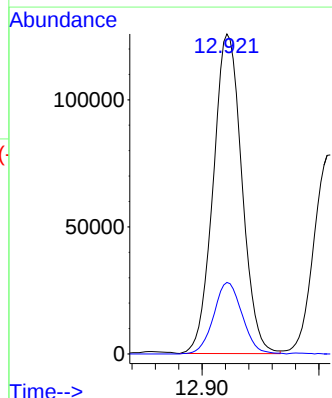
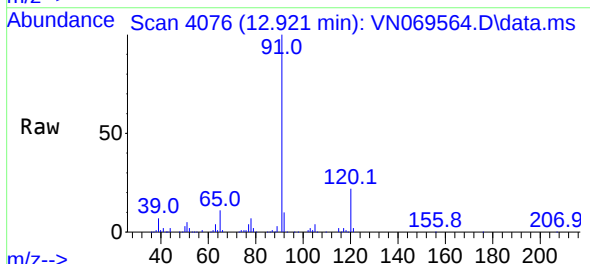
Manual Integrations
APPROVED

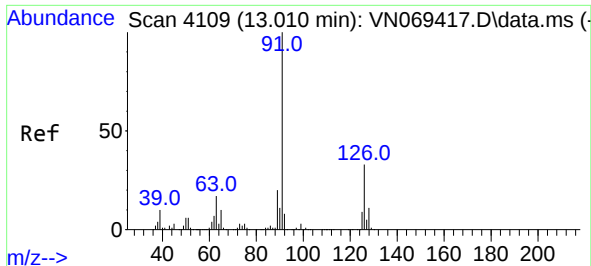
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#78
n-propylbenzene
Concen: 1.483 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Tgt Ion: 91 Resp: 214194
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.9





#79

2-Chlorotoluene

Concen: 1.552 ug/l

RT: 13.010 min Scan# 4109

Delta R.T. -0.000 min

Lab File: VN069564.D

Acq: 18 Nov 2021 19:59

Instrument :

MSVOA_N

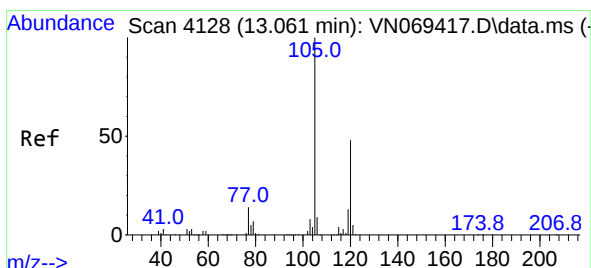
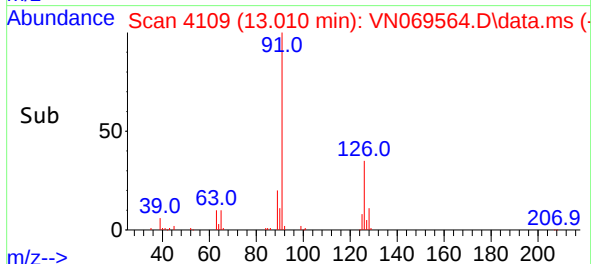
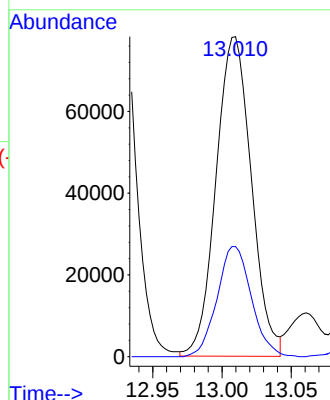
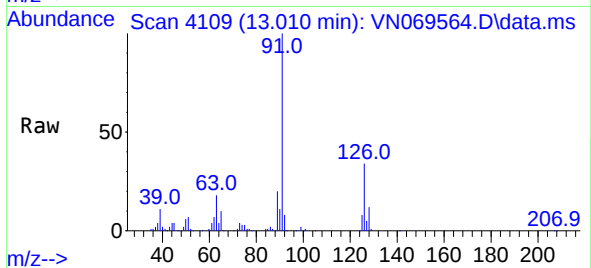
ClientSampleId :

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Tgt Ion: 91 Resp: 13879
 Ion Ratio Lower Upper
 91 100
 126 33.5 18.3 54.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/19/2021
 Supervised By :Semsettin Yesilyurt 11/19/2021



#80

1,3,5-Trimethylbenzene

Concen: 1.503 ug/l

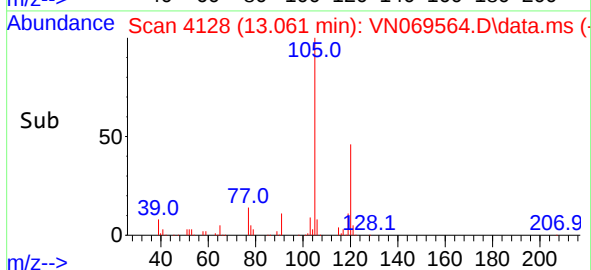
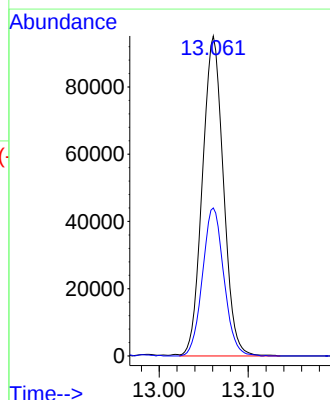
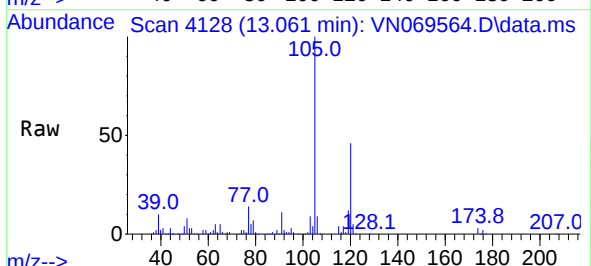
RT: 13.061 min Scan# 4128

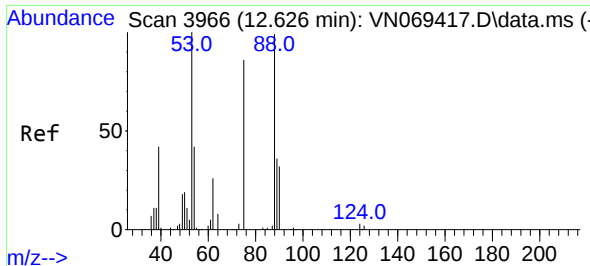
Delta R.T. -0.000 min

Lab File: VN069564.D

Acq: 18 Nov 2021 19:59

Tgt Ion:105 Resp: 155936
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.6 73.6





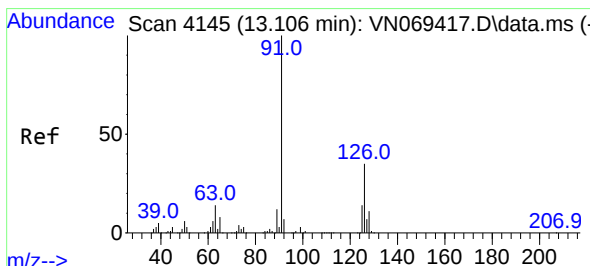
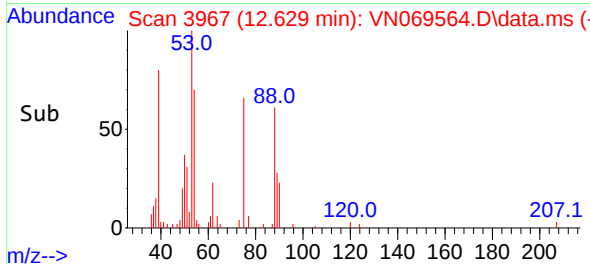
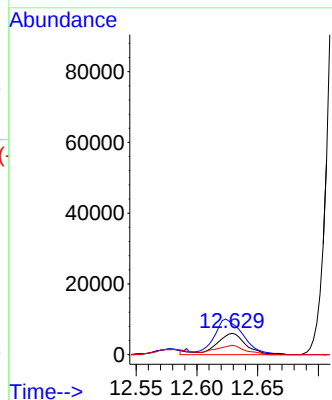
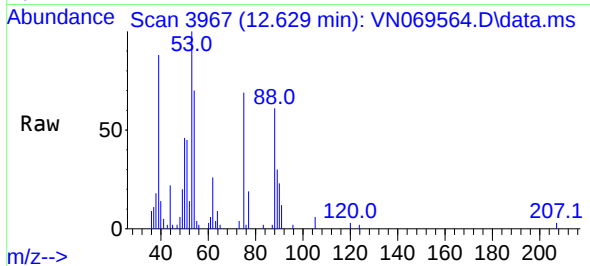
#81
trans-1,4-Dichloro-2-butene
Concen: 0.946 ug/l m
RT: 12.629 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 75 Resp: 1049
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 0.0 38.2 57.4

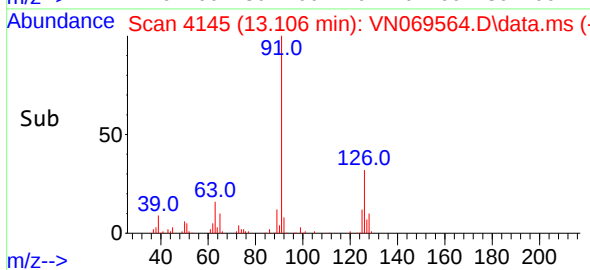
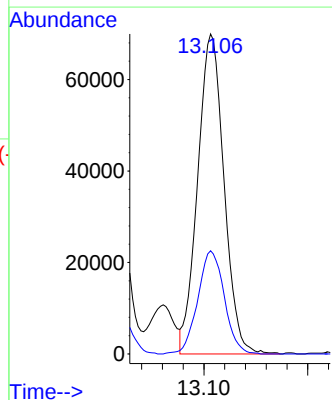
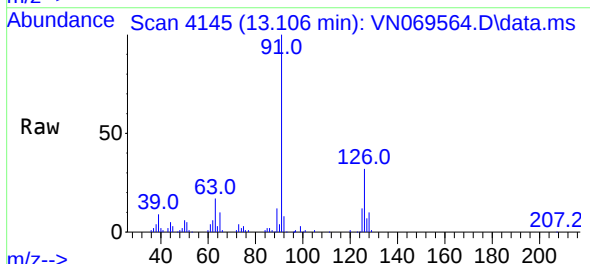
Manual Integrations
APPROVED

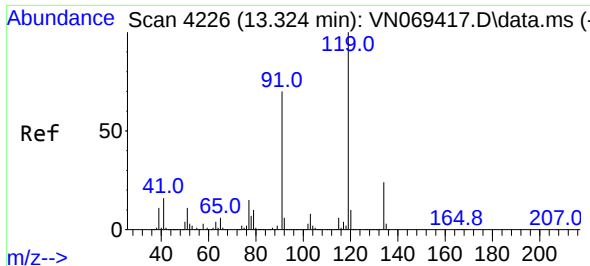
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#82
4-Chlorotoluene
Concen: 1.447 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

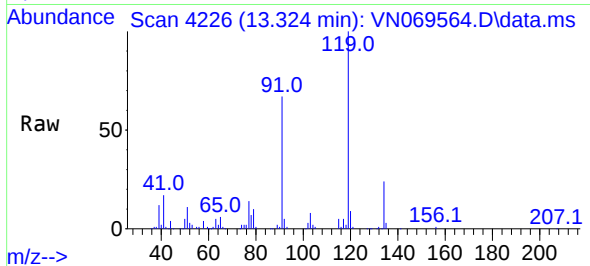
Tgt Ion: 91 Resp: 123336
Ion Ratio Lower Upper
91 100
126 32.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 1.512 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. -0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

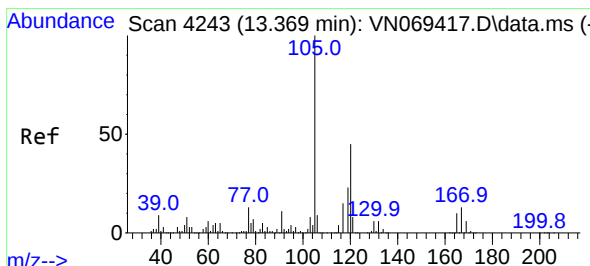
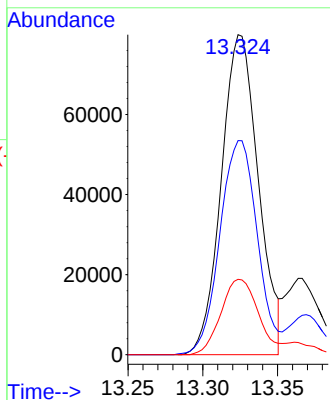
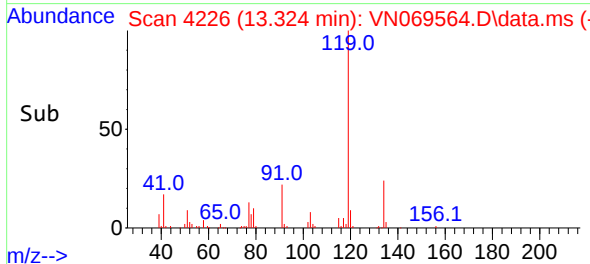
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



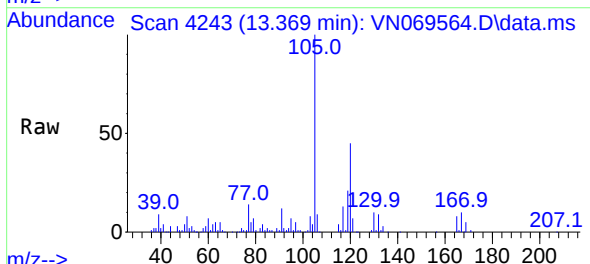
Tgt Ion:119 Resp: 137519
Ion Ratio Lower Upper
119 100
91 68.2 31.5 94.5
134 24.0 12.4 37.4

Manual Integrations
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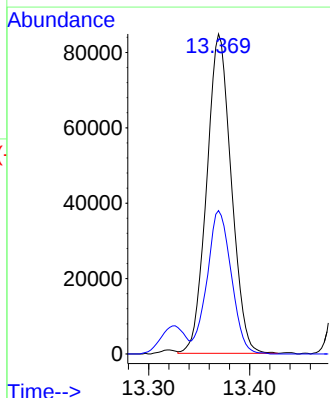
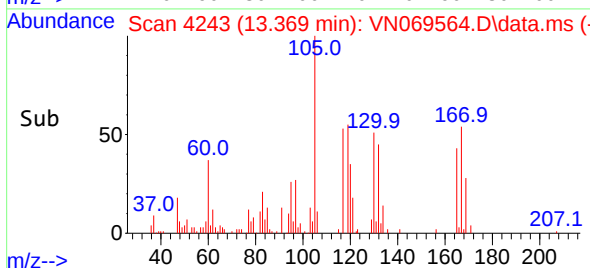
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#84
1,2,4-Trimethylbenzene
Concen: 1.428 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59



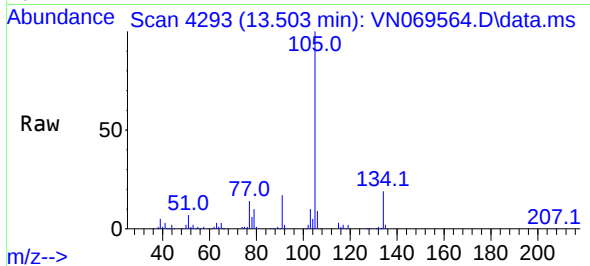
Tgt Ion:105 Resp: 142998
Ion Ratio Lower Upper
105 100
120 44.2 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 1.372 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069564.D
 Acq: 18 Nov 2021 19:59

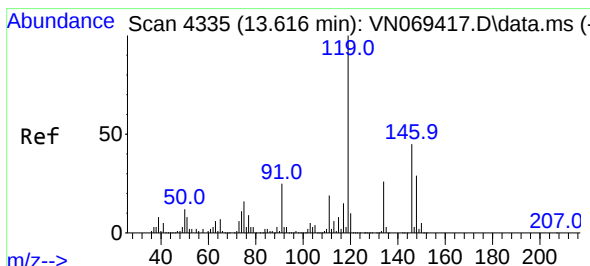
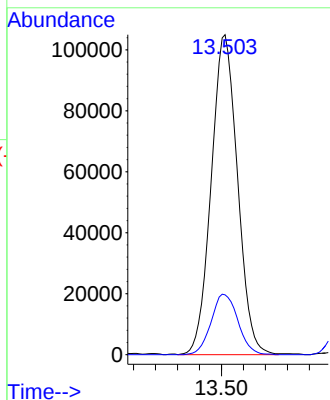
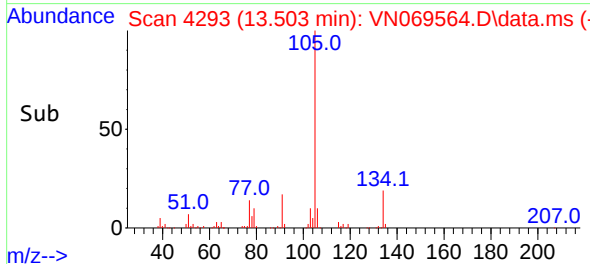
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



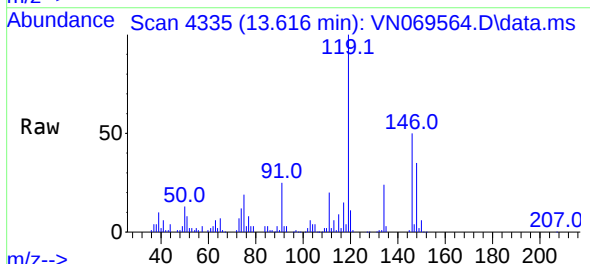
Tgt Ion:105 Resp: 174335
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

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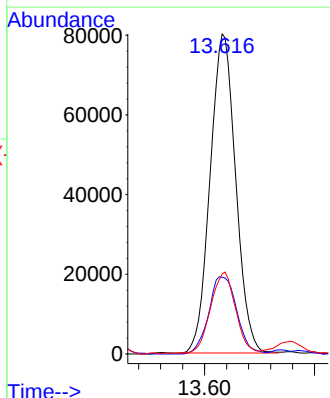
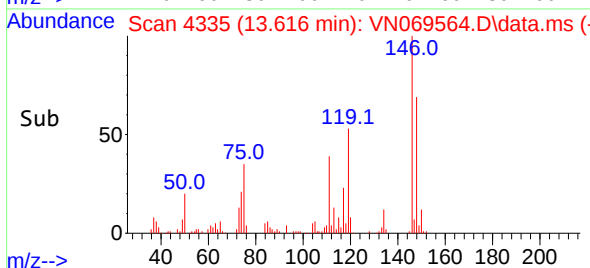
Reviewed By :John Carlone 11/19/2021
 Supervised By :Semsettin Yesilyurt 11/19/2021

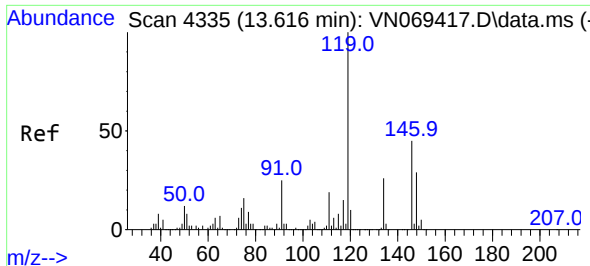


#86
 p-Isopropyltoluene
 Concen: 1.282 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069564.D
 Acq: 18 Nov 2021 19:59



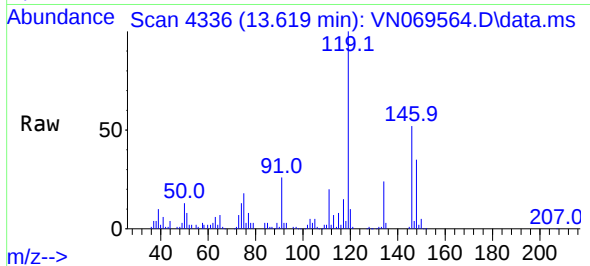
Tgt Ion:119 Resp: 129222
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.6 40.7
 91 24.9 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 1.426 ug/l
RT: 13.619 min Scan# 4335
Delta R.T. 0.003 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

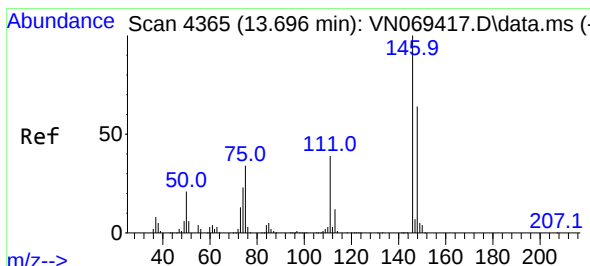
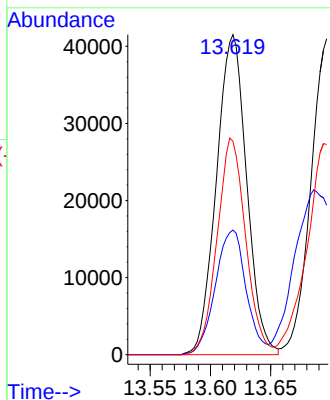
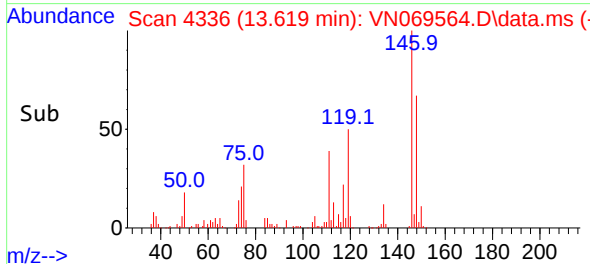
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



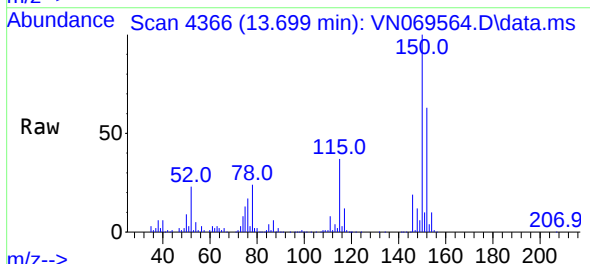
Tgt Ion:146 Resp: 72580
Ion Ratio Lower Upper
146 100
111 39.7 18.6 55.6
148 64.0 31.6 95.0

Manual Integrations
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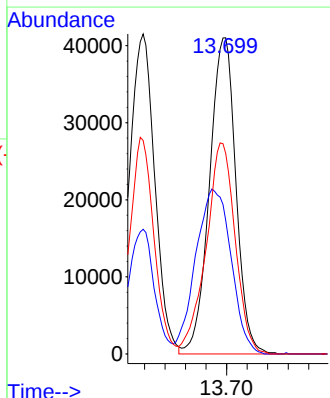
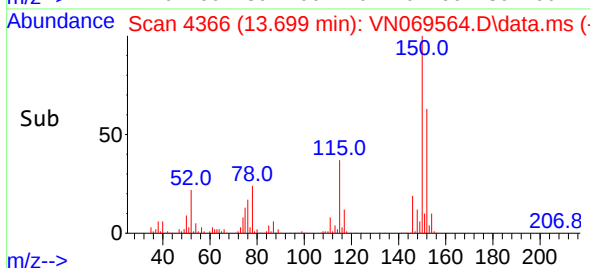
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

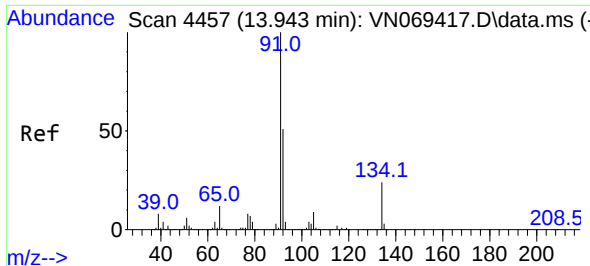


#88
1,4-Dichlorobenzene
Concen: 1.470 ug/l m
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59



Tgt Ion:146 Resp: 73386
Ion Ratio Lower Upper
146 100
111 39.3 18.3 54.8
148 63.3 31.8 95.4





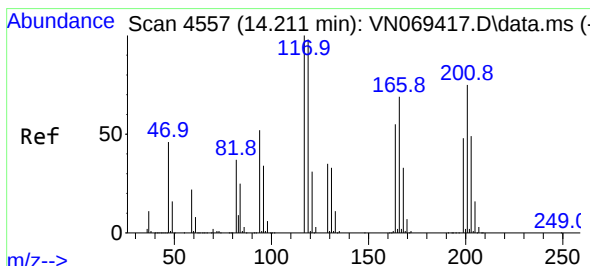
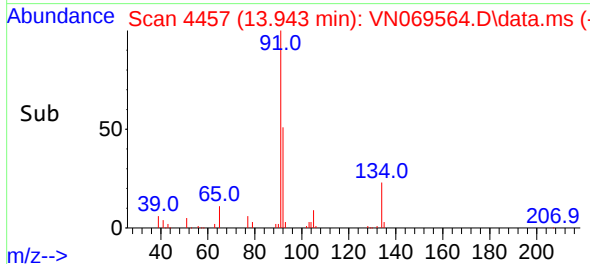
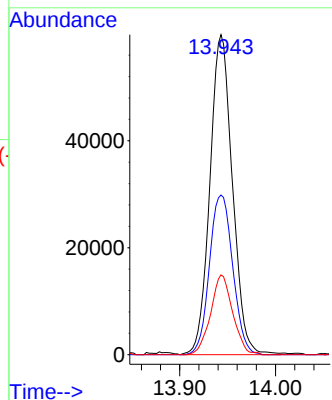
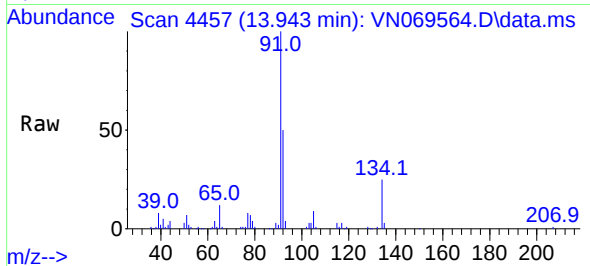
#89
n-Butylbenzene
Concen: 1.161 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 91 Resp: 9762
Ion Ratio Lower Upper
91 100
92 51.7 25.4 76.0
134 24.4 13.6 40.8

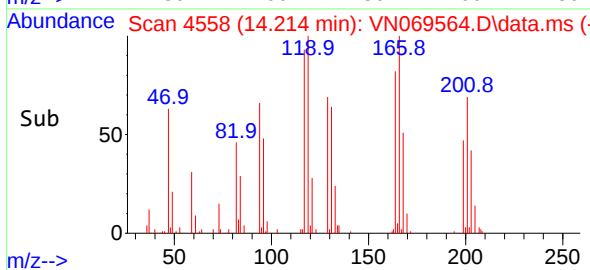
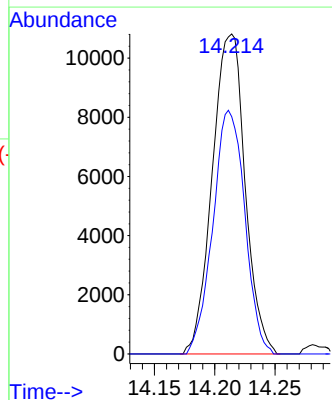
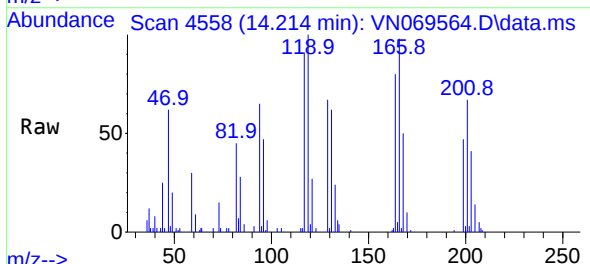
Manual Integrations
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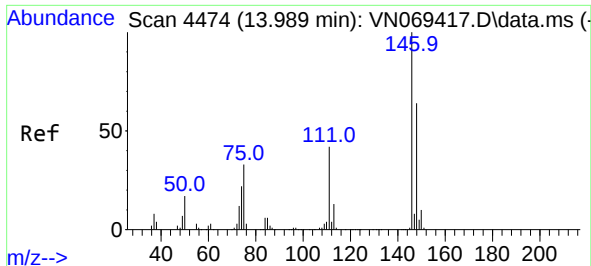
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#90
Hexachloroethane
Concen: 1.242 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Tgt Ion:117 Resp: 20542
Ion Ratio Lower Upper
117 100
201 73.8 43.9 131.6





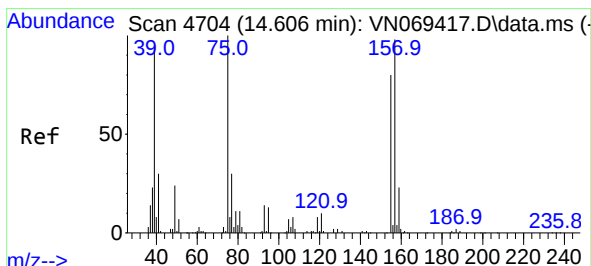
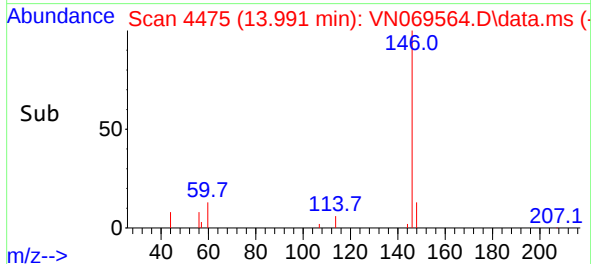
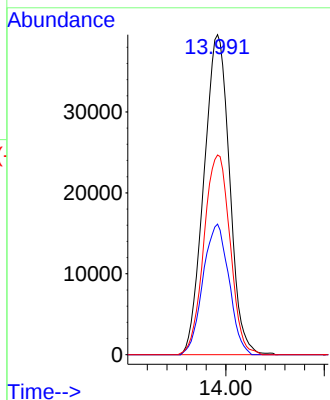
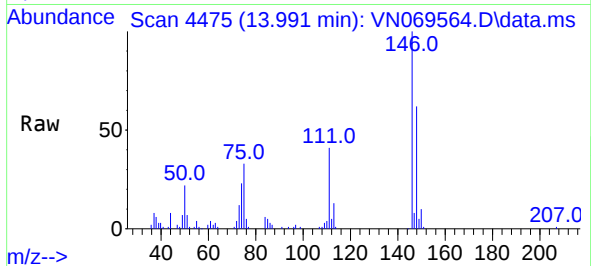
#91
1,2-Dichlorobenzene
Concen: 1.481 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.002 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:146 Resp: 71728
Ion Ratio Lower Upper
146 100
111 41.3 19.1 57.3
148 63.7 32.1 96.3

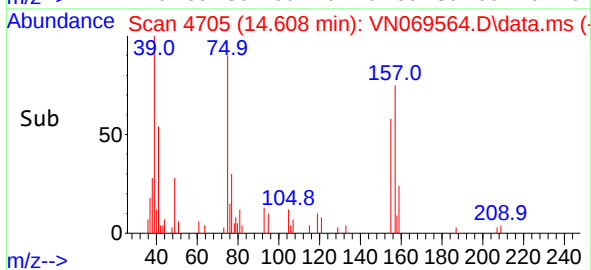
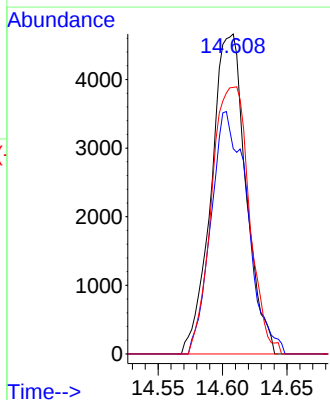
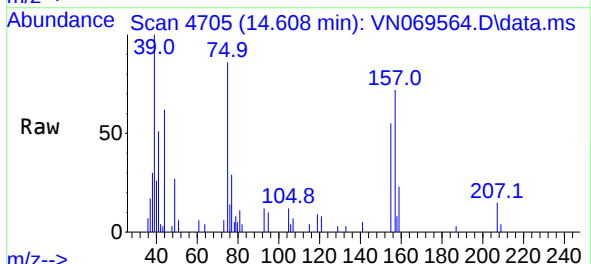
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.247 ug/l
RT: 14.608 min Scan# 4705
Delta R.T. 0.002 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

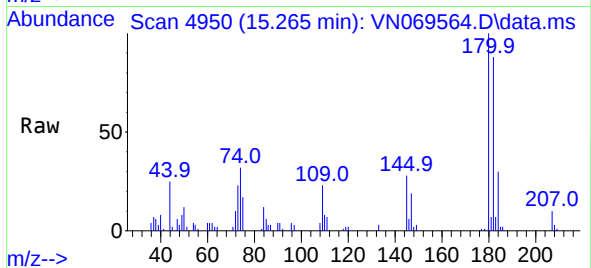
Tgt Ion: 75 Resp: 8719
Ion Ratio Lower Upper
75 100
155 79.8 46.9 140.7
157 90.4 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 1.119 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

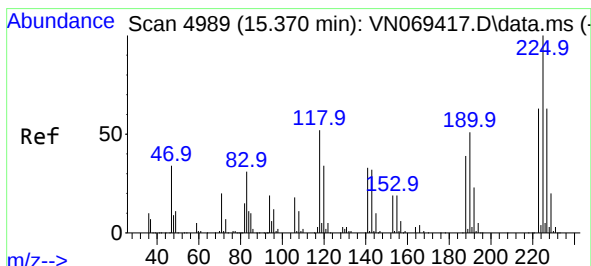
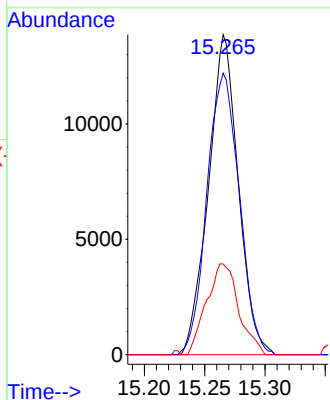
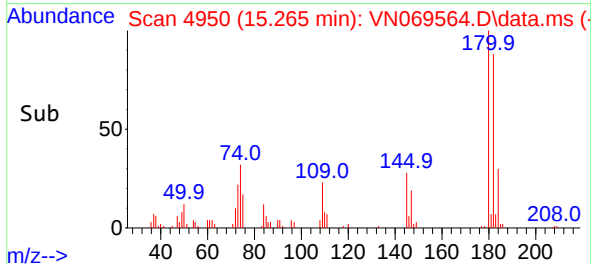
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



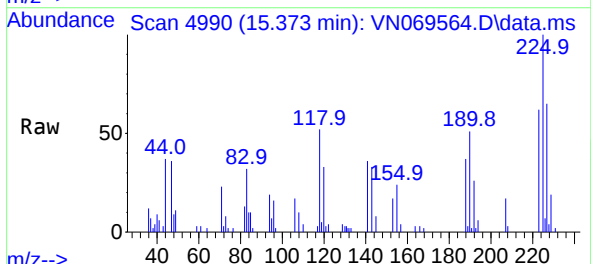
Tgt Ion:180 Resp: 23872
Ion Ratio Lower Upper
180 100
182 95.5 48.3 144.9
145 30.6 14.5 43.5

Manual Integrations
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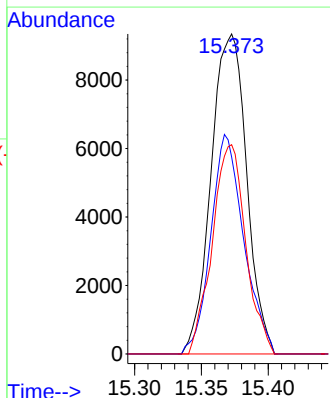
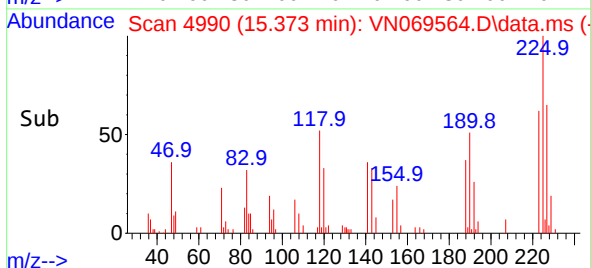
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

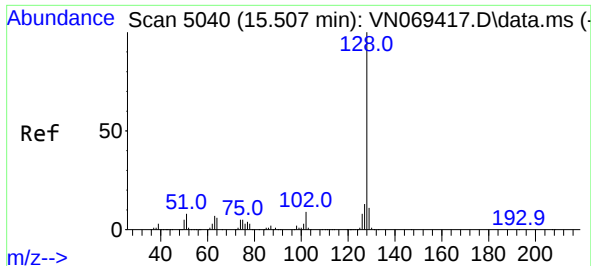


#94
Hexachlorobutadiene
Concen: 1.377 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59



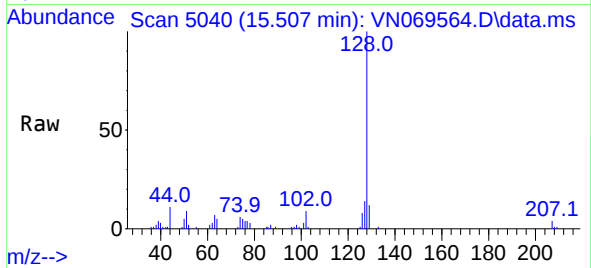
Tgt Ion:225 Resp: 17325
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.7
227 61.5 32.1 96.3





#95
Naphthalene
Concen: 1.122 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59

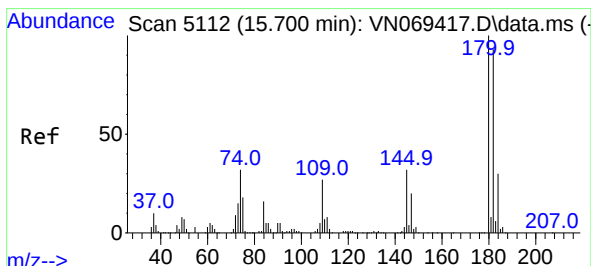
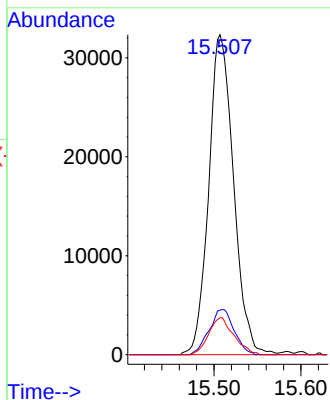
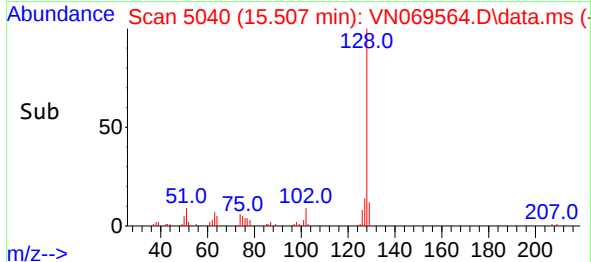
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



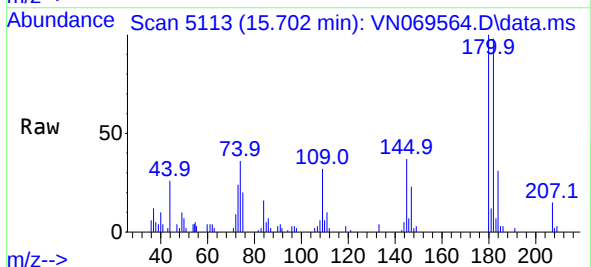
Tgt Ion:128 Resp: 64180
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 11.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021



#96
1,2,3-Trichlorobenzene
Concen: 1.129 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN069564.D
Acq: 18 Nov 2021 19:59



Tgt Ion:180 Resp: 23060
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.2
145 31.7 15.0 45.1

