

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111521\
 Data File : VN069494.D
 Acq On : 15 Nov 2021 16:32
 Operator : JC/MD
 Sample : M4068-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Nov 16 02:50:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 02:35:15 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/16/2021
 Supervised By : Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	971235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1673614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1506195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	537479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	762631	54.155	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.300%			
35) Dibromofluoromethane	8.021	113	511347	50.943	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.880%			
50) Toluene-d8	10.440	98	2023361	51.253	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.500%			
62) 4-Bromofluorobenzene	12.731	95	645805	44.530	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	40826	3.935	ug/l	98
3) Chloromethane	2.303	50	51644	4.292	ug/l	97
4) Vinyl Chloride	2.446	62	51988	4.315	ug/l	96
5) Bromomethane	2.842	94	33013	4.219	ug/l	99
6) Chloroethane	3.014	64	34341	4.223	ug/l #	86
7) Trichlorofluoromethane	3.376	101	77167	4.144	ug/l	98
8) Diethyl Ether	3.824	74	26695	4.431	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.205	101	38038	4.336	ug/l	92
10) Methyl Iodide	4.417	142	43912	4.081	ug/l	94
11) Tert butyl alcohol	5.382	59	47262	18.625	ug/l #	85
12) 1,1-Dichloroethene	4.175	96	34100	4.332	ug/l	98
13) Acrolein	4.047	56	13546m	33.978	ug/l	
14) Allyl chloride	4.835	41	69524	3.995	ug/l	97
15) Acrylonitrile	5.562	53	140169	21.570	ug/l	96
16) Acetone	4.293	43	157325	20.706	ug/l	100
17) Carbon Disulfide	4.524	76	68310	3.671	ug/l	99
18) Methyl Acetate	4.859	43	108993	4.413	ug/l	94
19) Methyl tert-butyl Ether	5.621	73	141801	4.256	ug/l	97
20) Methylene Chloride	5.095	84	48314	4.484	ug/l #	86
21) trans-1,2-Dichloroethene	5.594	96	37658	4.283	ug/l	86
22) Diisopropyl ether	6.498	45	151412	4.039	ug/l	97
23) Vinyl Acetate	6.434	43	489333	16.876	ug/l #	92
24) 1,1-Dichloroethane	6.388	63	81360	4.261	ug/l	99
25) 2-Butanone	7.340	43	216804	21.073	ug/l	91
26) 2,2-Dichloropropane	7.321	77	59013	3.950	ug/l #	73
27) cis-1,2-Dichloroethene	7.327	96	47491	4.357	ug/l	87
28) Bromochloromethane	7.659	49	54059	5.528	ug/l #	79
29) Tetrahydrofuran	7.691	42	133341	21.119	ug/l	91
30) Chloroform	7.818	83	85066	4.345	ug/l	96
31) Cyclohexane	8.094	56	100557	5.227	ug/l #	84
32) 1,1,1-Trichloroethane	8.013	97	67774	4.148	ug/l	92
36) 1,1-Dichloropropene	8.220	75	58585	4.160	ug/l	98
37) Ethyl Acetate	7.418	43	85613	4.497	ug/l #	91
38) Carbon Tetrachloride	8.206	117	54180	3.985	ug/l	98
39) Methylcyclohexane	9.459	83	68999	3.939	ug/l	89
40) Benzene	8.461	78	187831	4.321	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	37777	3.841	ug/l	93
42) 1,2-Dichloroethane	8.531	62	75389	4.429	ug/l	97
43) Isopropyl Acetate	8.560	43	125871	4.117	ug/l #	93
44) Trichloroethene	9.215	130	44017	4.231	ug/l	93
45) 1,2-Dichloropropane	9.491	63	49688	4.279	ug/l	96
46) Dibromomethane	9.580	93	32800	4.217	ug/l	91
47) Bromodichloromethane	9.762	83	54825	3.777	ug/l	96
48) Methyl methacrylate	9.558	41	55967	3.890	ug/l	93
49) 1,4-Dioxane	9.574	88	20167	78.602	ug/l	89
51) 4-Methyl-2-Pentanone	10.331	43	415098	21.032	ug/l	95
52) Toluene	10.505	92	117580	4.342	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	51557	3.399	ug/l	96
54) cis-1,3-Dichloropropene	10.188	75	59365	3.586	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	46971	4.303	ug/l	95
56) Ethyl methacrylate	10.762	69	71179	3.938	ug/l	88
57) 1,3-Dichloropropane	11.044	76	81601	4.254	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.041	63	80070	19.120	ug/l	92
59) 2-Hexanone	11.087	43	288027	19.582	ug/l	91
60) Dibromochloromethane	11.237	129	36376	3.561	ug/l	96
61) 1,2-Dibromoethane	11.344	107	45492	4.116	ug/l	98
64) Tetrachloroethene	10.977	164	42115	4.631	ug/l	93
65) Chlorobenzene	11.771	112	120945	4.314	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.840	131	38720	3.982	ug/l	96
67) Ethyl Benzene	11.846	91	211504	4.090	ug/l	96
68) m/p-Xylenes	11.953	106	155123	8.157	ug/l	98
69) o-Xylene	12.280	106	77244	4.074	ug/l	96
70) Styrene	12.296	104	112354	3.689	ug/l	93
71) Bromoform	12.457	173	22213	3.201	ug/l #	97
73) Isopropylbenzene	12.578	105	191932	4.485	ug/l	99
74) N-amyl acetate	12.390	43	70462	3.885	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	68769	4.765	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	63029m	5.081	ug/l	
77) Bromobenzene	12.860	156	45927	4.693	ug/l	79
78) n-propylbenzene	12.921	91	208224	4.324	ug/l	97
79) 2-Chlorotoluene	13.007	91	132026	4.428	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	150701	4.356	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	11476m	3.105	ug/l	
82) 4-Chlorotoluene	13.106	91	122492	4.310	ug/l	94
83) tert-Butylbenzene	13.324	119	138373	4.564	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	141018	4.222	ug/l	97
85) sec-Butylbenzene	13.503	105	175490	4.144	ug/l	97
86) p-Isopropyltoluene	13.616	119	133904	3.983	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	71306	4.202	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	70589	4.241	ug/l	90
89) n-Butylbenzene	13.943	91	101370	3.616	ug/l	96
90) Hexachloroethane	14.209	117	19866	3.604	ug/l	80
91) 1,2-Dichlorobenzene	13.989	146	72986	4.520	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	8688	3.725	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	21918	3.081	ug/l	96
94) Hexachlorobutadiene	15.370	225	17688	4.216	ug/l	97
95) Naphthalene	15.507	128	52330	2.743	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.700	180	21020	3.085	ug/l	95

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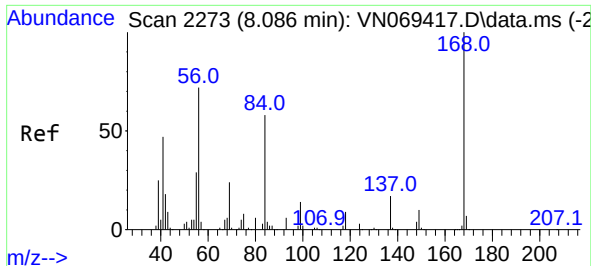
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

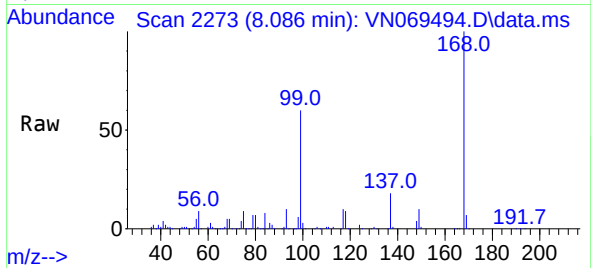
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

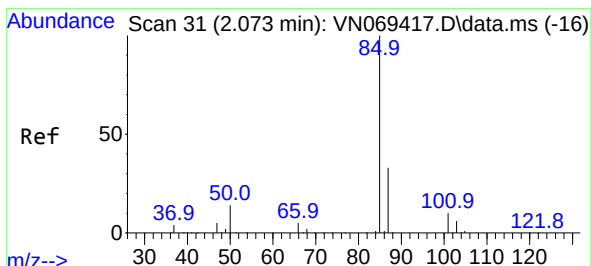
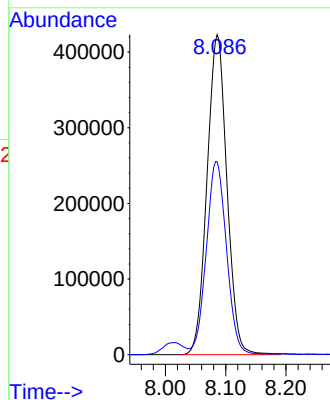
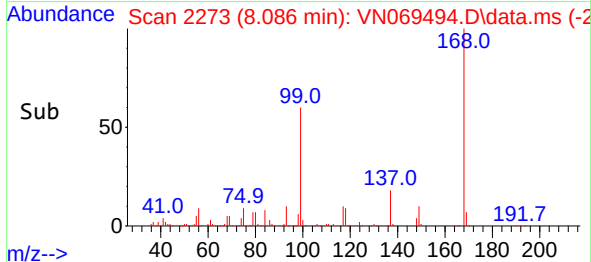
Instrument :
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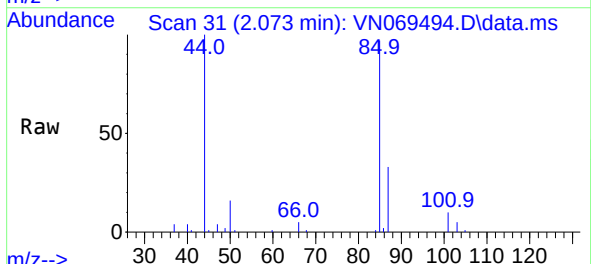
Tgt Ion:168 Resp: 971235
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9

Manual Integrations
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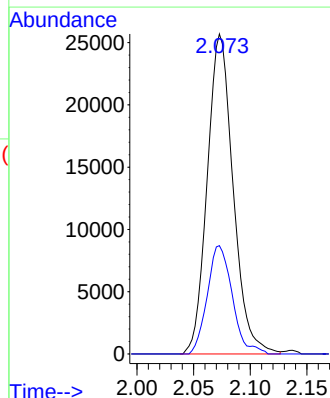
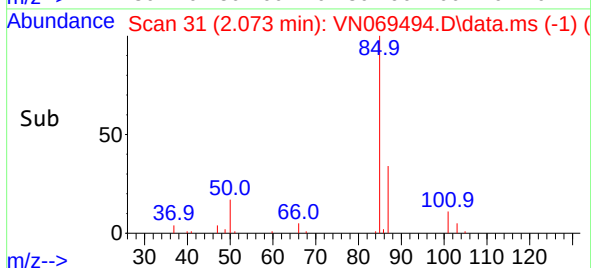
Reviewed By :John Carlone 11/16/2021
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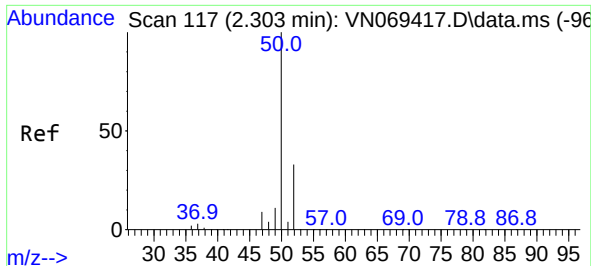


#2
Dichlorodifluoromethane
Concen: 3.935 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32



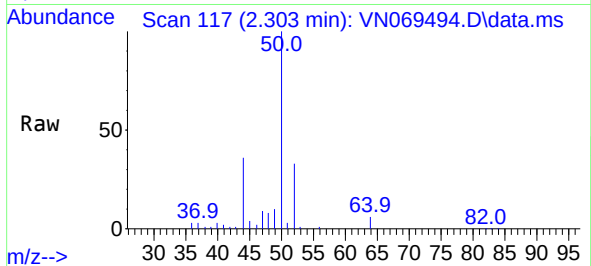
Tgt Ion: 85 Resp: 40826
Ion Ratio Lower Upper
85 100
87 33.8 16.3 48.9





#3
Chloromethane
Concen: 4.292 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

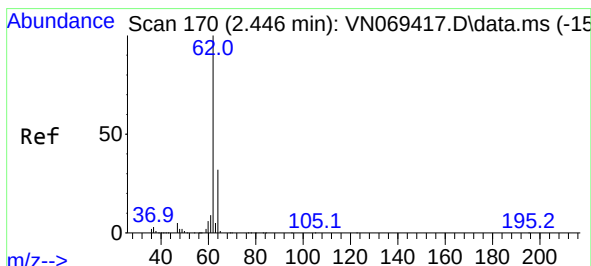
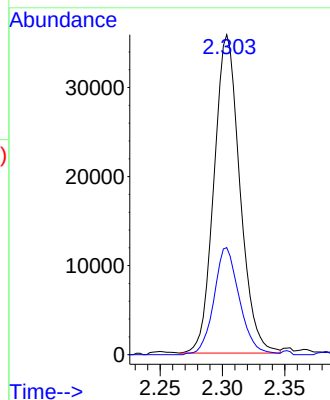
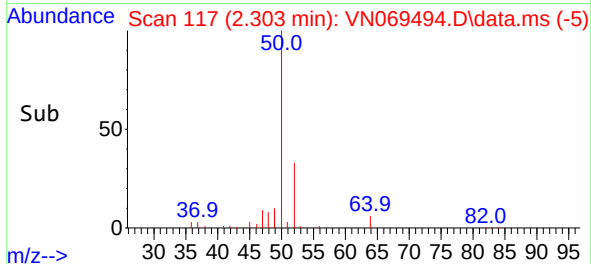
Instrument : MSVOA_N
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Tgt Ion: 50 Resp: 51644
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.0

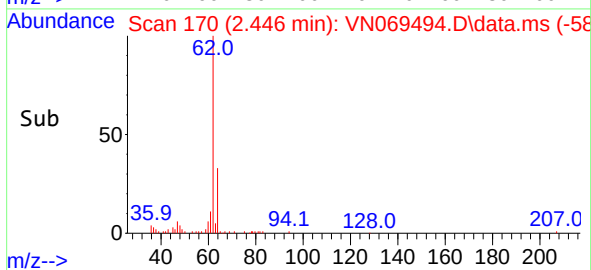
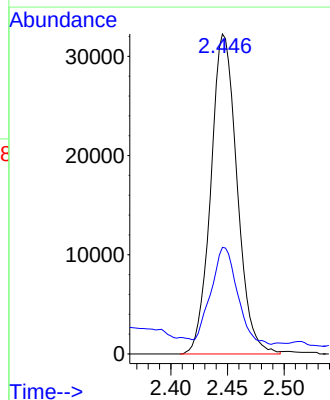
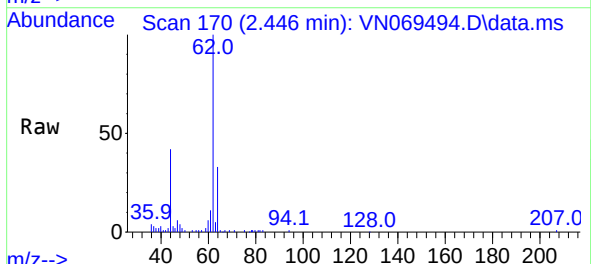
Manual Integrations
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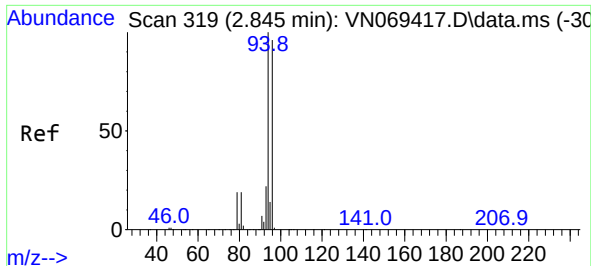
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#4
Vinyl Chloride
Concen: 4.315 ug/l
RT: 2.446 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

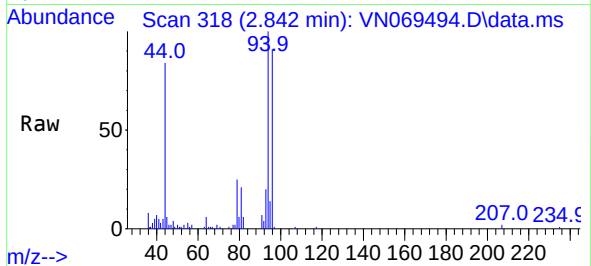
Tgt Ion: 62 Resp: 51988
Ion Ratio Lower Upper
62 100
64 29.9 25.8 38.6





#5
Bromomethane
Concen: 4.219 ug/l
RT: 2.842 min Scan# 319
Delta R.T. -0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

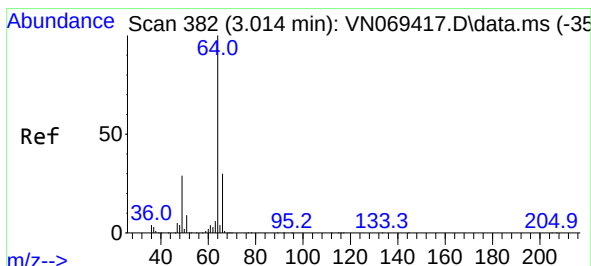
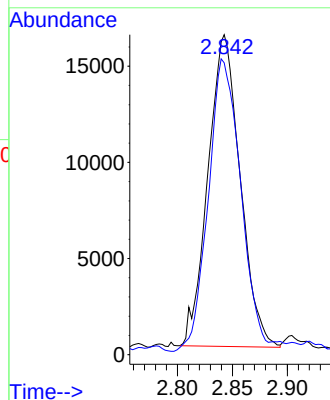
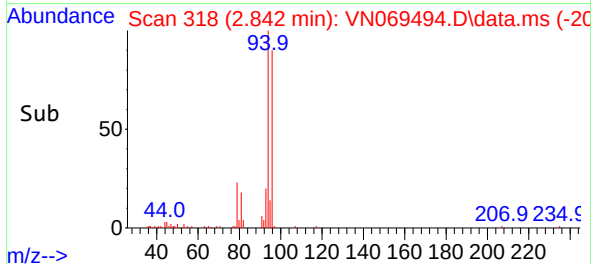
Instrument :
MSVOA_N
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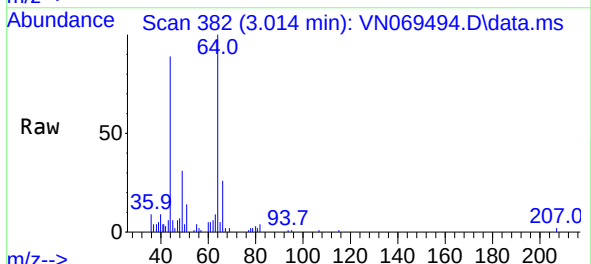
Tgt Ion: 94 Resp: 3301
Ion Ratio Lower Upper
94 100
96 91.7 73.8 110.8

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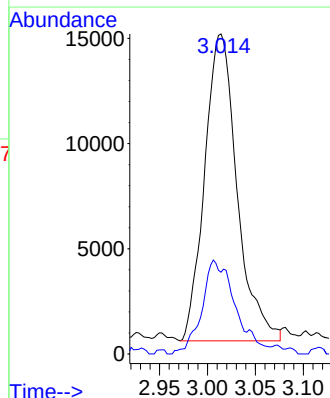
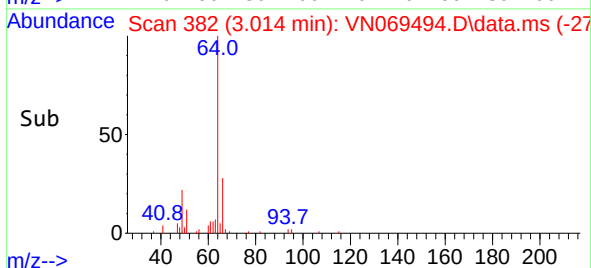
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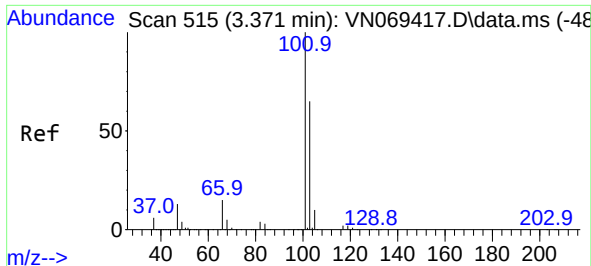


#6
Chloroethane
Concen: 4.223 ug/l
RT: 3.014 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN069494.D
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Tgt Ion: 64 Resp: 34341
Ion Ratio Lower Upper
64 100
66 25.1 26.3 39.5#





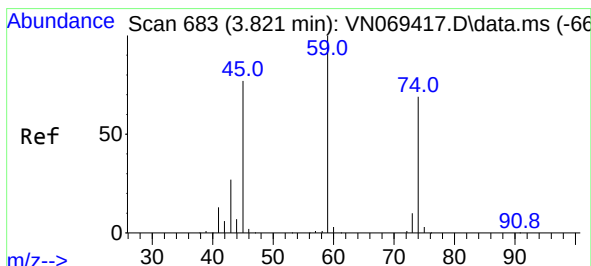
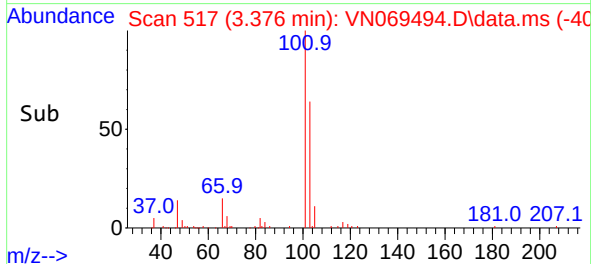
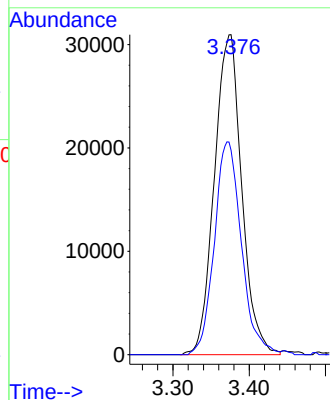
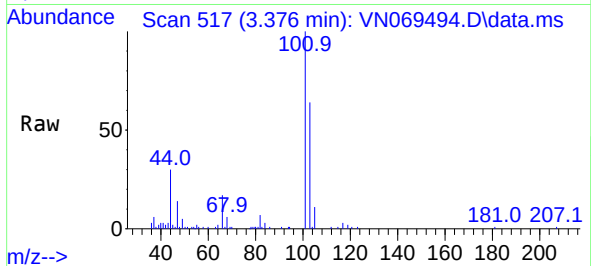
#7
 Trichlorofluoromethane
 Concen: 4.144 ug/l
 RT: 3.376 min Scan# 515
 Delta R.T. 0.005 min
 Lab File: VN069494.D
 Acq: 15 Nov 2021 16:32

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Tgt Ion:101 Resp: 7716
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.1 75.1

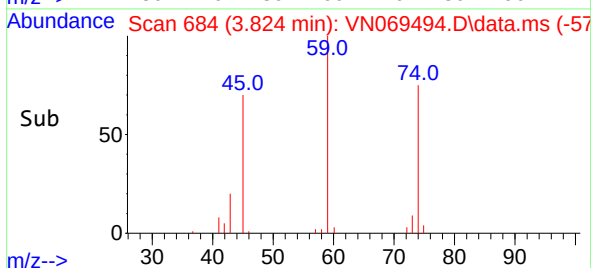
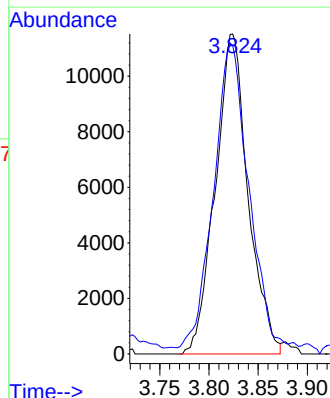
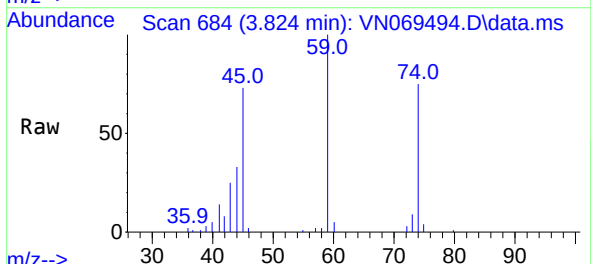
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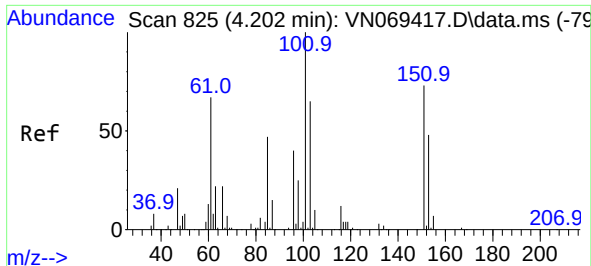
Reviewed By :John Carlone 11/16/2021
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#8
 Diethyl Ether
 Concen: 4.431 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.003 min
 Lab File: VN069494.D
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Tgt Ion: 74 Resp: 26695
 Ion Ratio Lower Upper
 74 100
 45 100.9 47.0 141.2





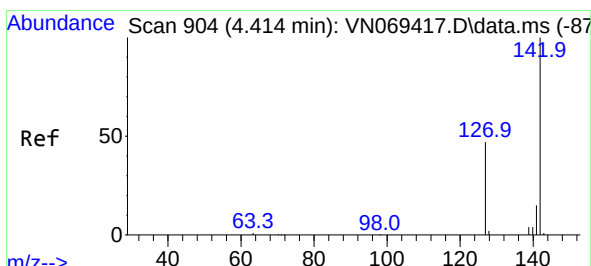
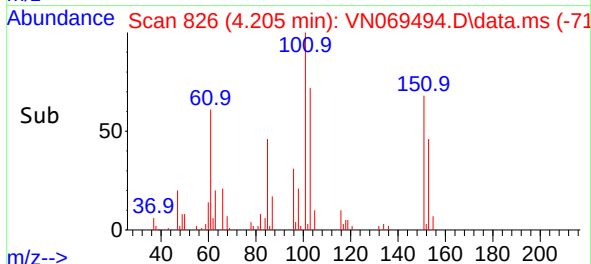
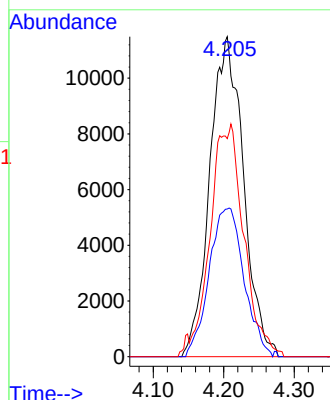
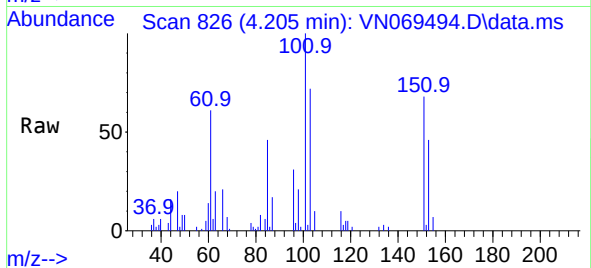
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.336 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

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

Tgt Ion:101 Resp: 3803
Ion Ratio Lower Upper
101 100
85 48.2 37.2 55.8
151 71.9 65.9 98.9

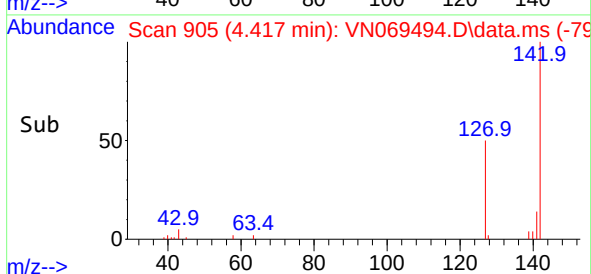
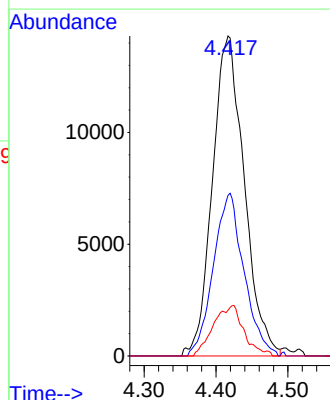
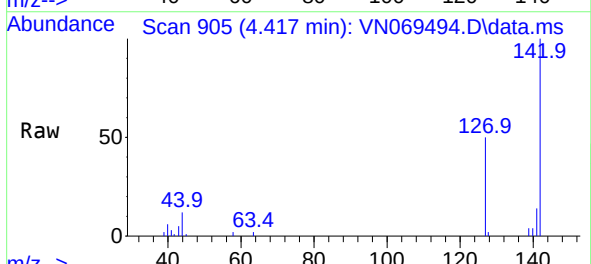
Manual Integrations
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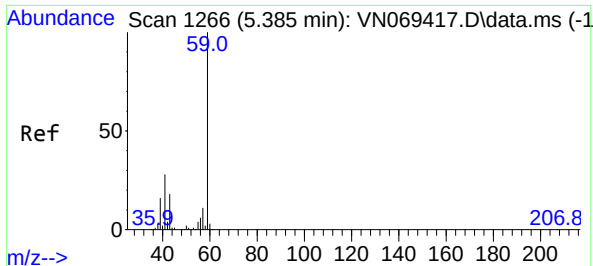
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 4.081 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

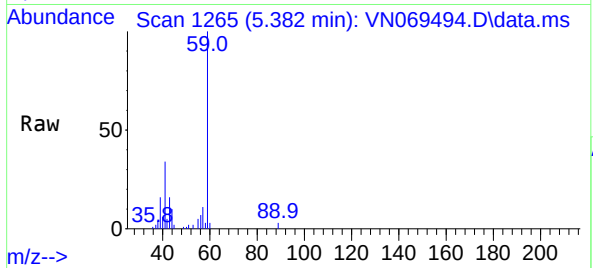
Tgt Ion:142 Resp: 43912
Ion Ratio Lower Upper
142 100
127 49.0 35.4 53.0
141 15.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 18.625 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

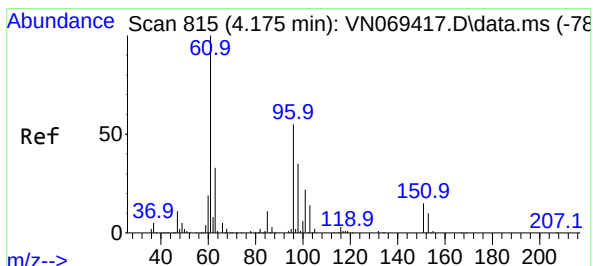
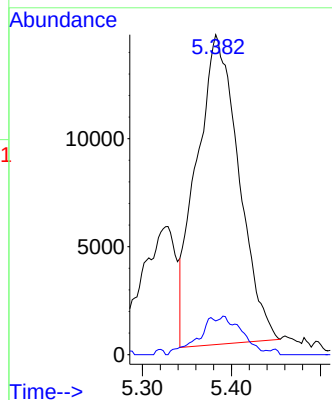
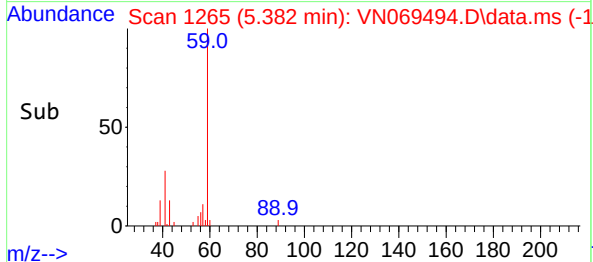
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



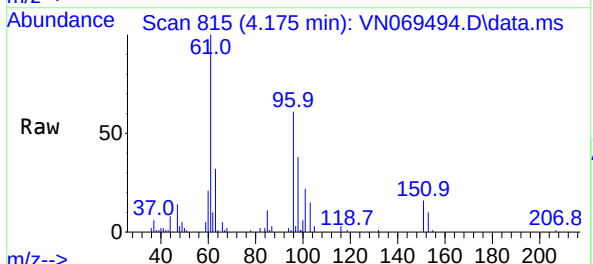
Tgt Ion: 59 Resp: 47262
Ion Ratio Lower Upper
59 100
57 5.3 8.7 13.1

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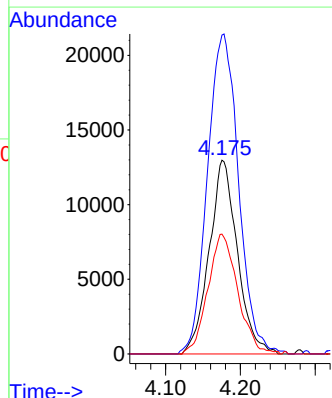
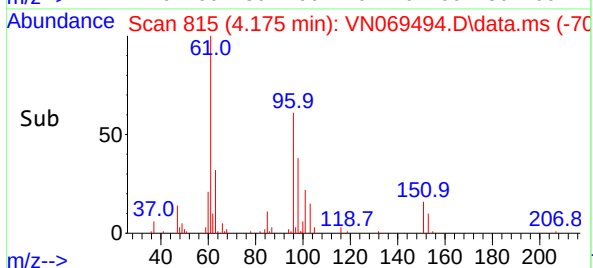
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

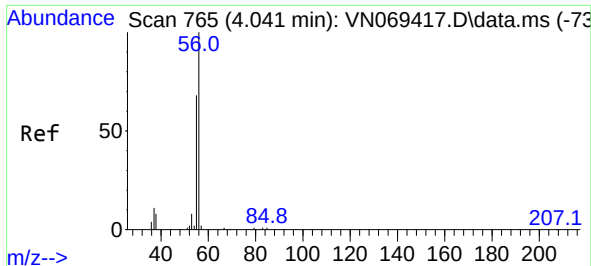


#12
1,1-Dichloroethene
Concen: 4.332 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32



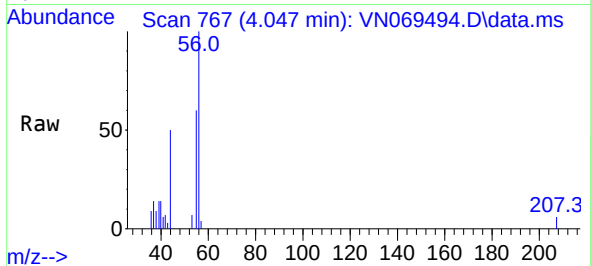
Tgt Ion: 96 Resp: 34100
Ion Ratio Lower Upper
96 100
61 163.1 131.0 196.6
98 61.8 52.4 78.6





#13
Acrolein
Concen: 33.978 ug/l m
RT: 4.047 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

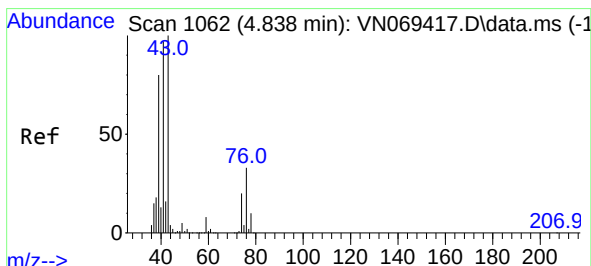
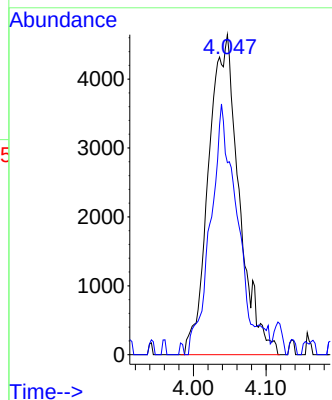
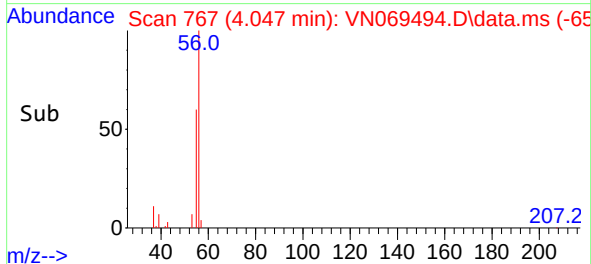
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 56 Resp: 13540
Ion Ratio Lower Upper
56 100
55 66.5 56.6 85.0

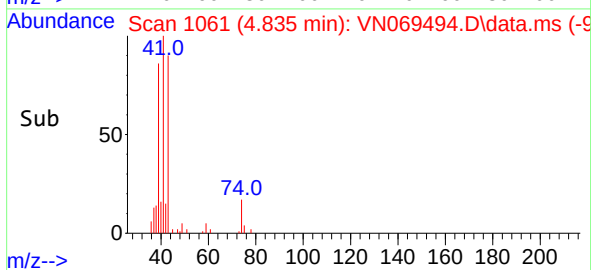
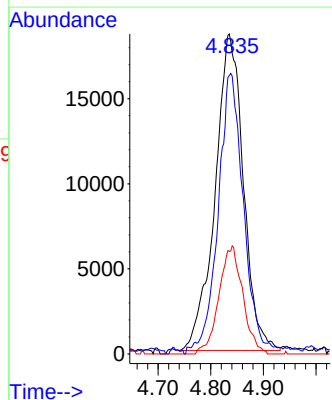
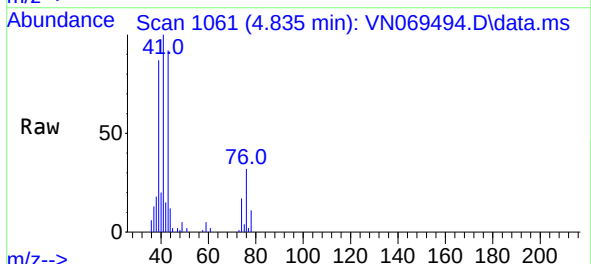
Manual Integrations
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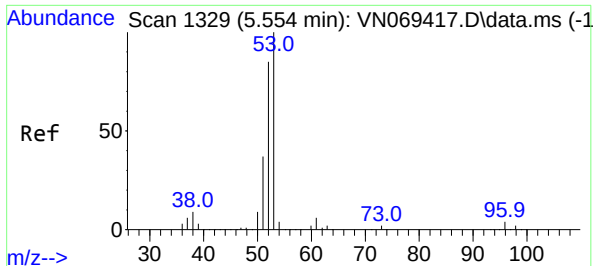
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#14
Allyl chloride
Concen: 3.995 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

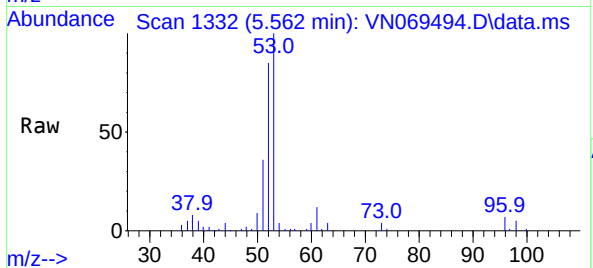
Tgt Ion: 41 Resp: 69524
Ion Ratio Lower Upper
41 100
39 74.8 61.2 91.8
76 28.8 26.0 39.0





#15
Acrylonitrile
Concen: 21.570 ug/l
RT: 5.562 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

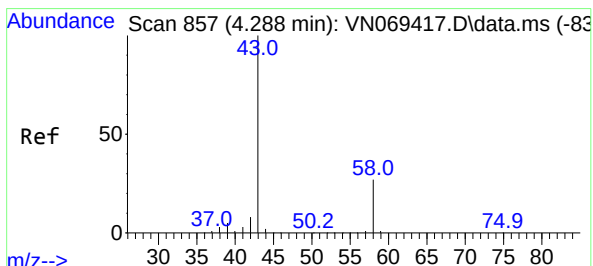
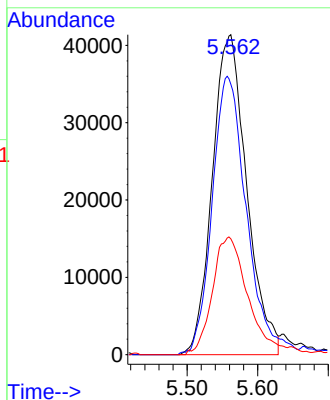
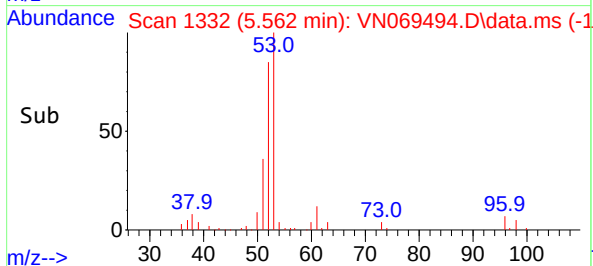
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 53 Resp: 140169
Ion Ratio Lower Upper
53 100
52 87.2 66.2 99.2
51 37.9 29.6 44.4

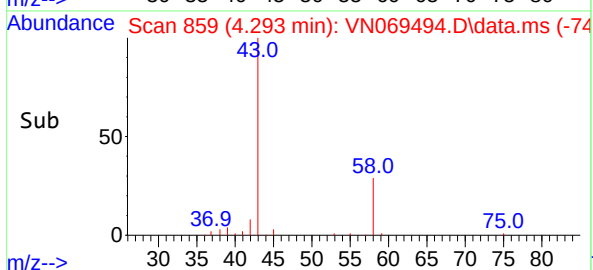
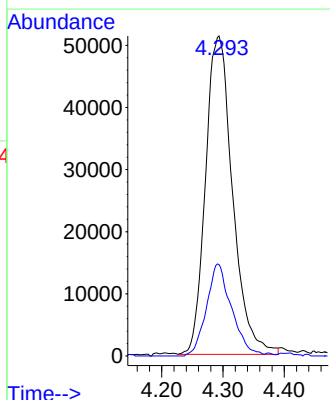
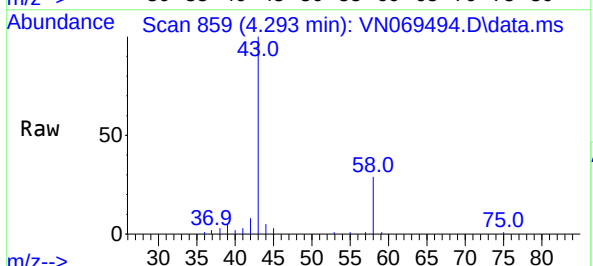
Manual Integrations
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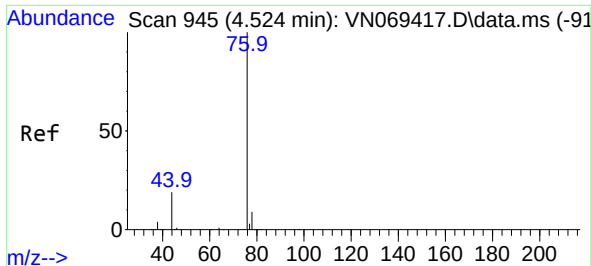
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 20.706 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

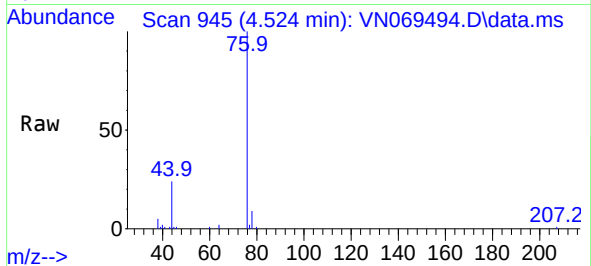
Tgt Ion: 43 Resp: 157325
Ion Ratio Lower Upper
43 100
58 28.7 23.1 34.7





#17
Carbon Disulfide
Concen: 3.671 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

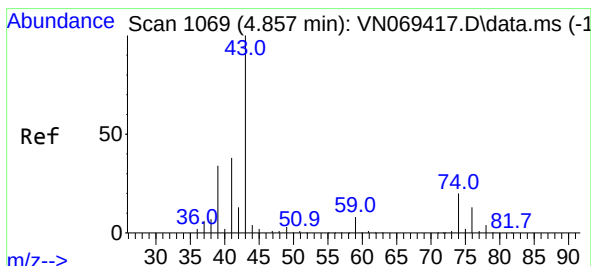
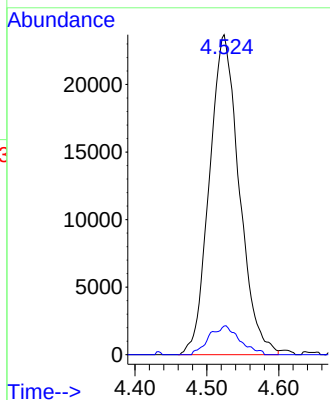
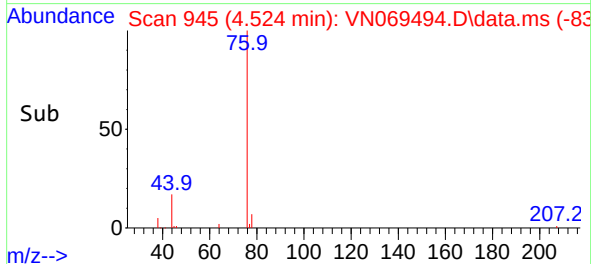
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



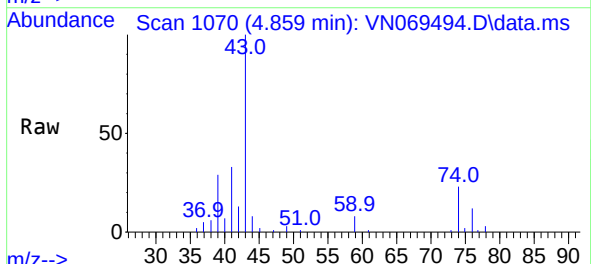
Tgt Ion: 76 Resp: 68310
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

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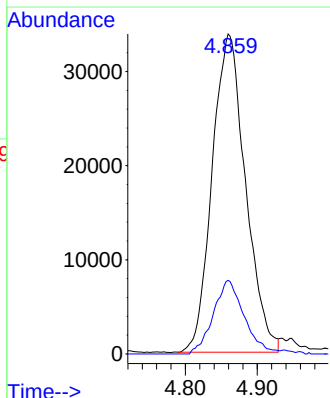
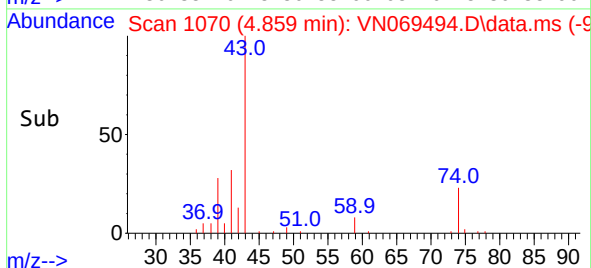
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

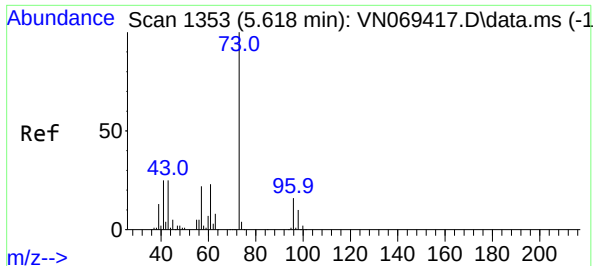


#18
Methyl Acetate
Concen: 4.413 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32



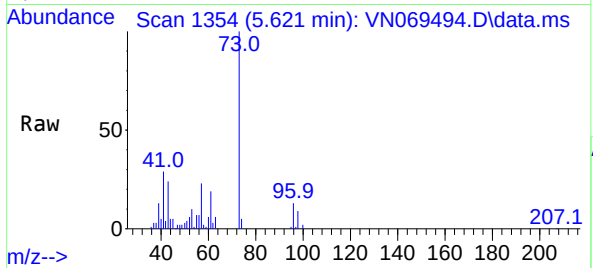
Tgt Ion: 43 Resp: 108993
Ion Ratio Lower Upper
43 100
74 21.4 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 4.256 ug/l
RT: 5.621 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

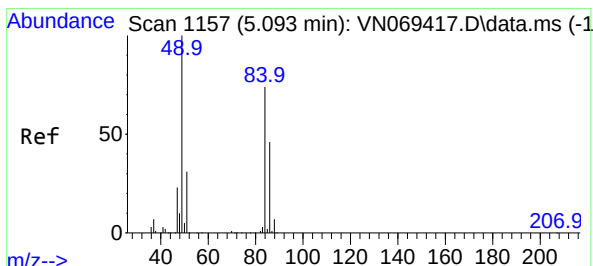
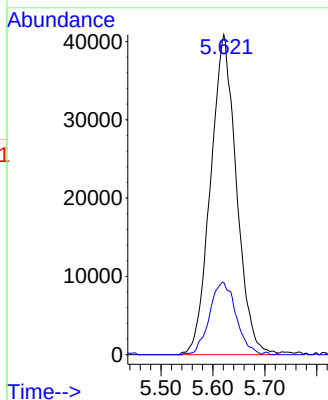
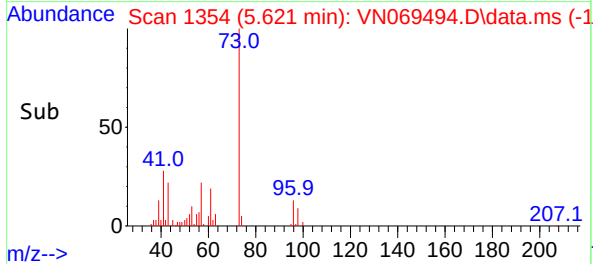
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



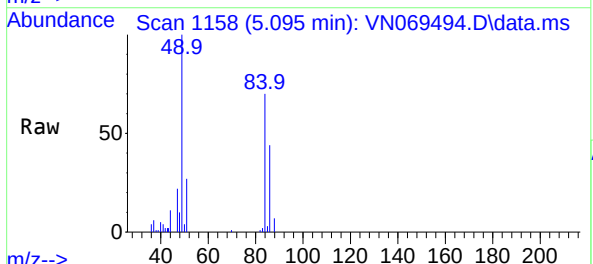
Tgt Ion: 73 Resp: 14180
Ion Ratio Lower Upper
73 100
57 22.6 16.8 25.2

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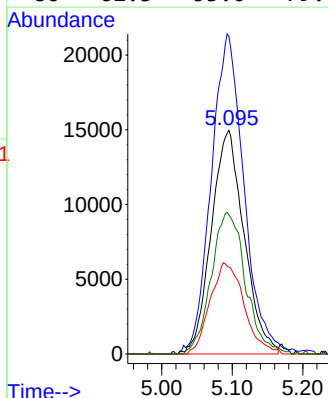
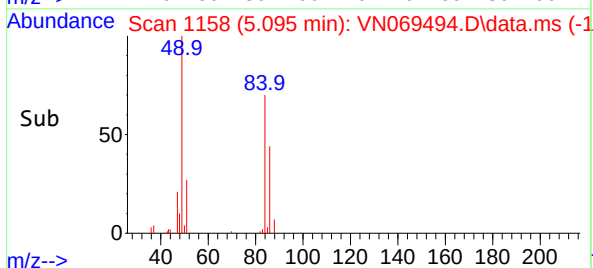
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

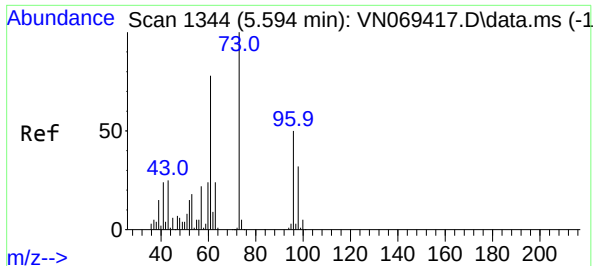


#20
Methylene Chloride
Concen: 4.484 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.002 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32



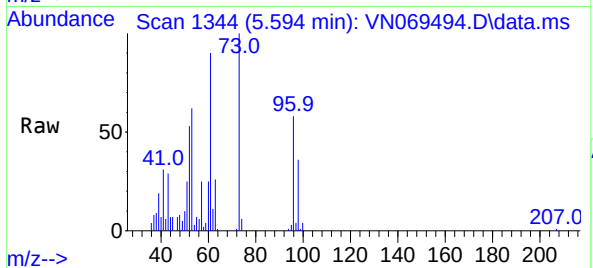
Tgt Ion: 84 Resp: 48314
Ion Ratio Lower Upper
84 100
49 141.9 93.5 140.3#
51 38.9 29.4 44.2
86 62.3 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 4.283 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

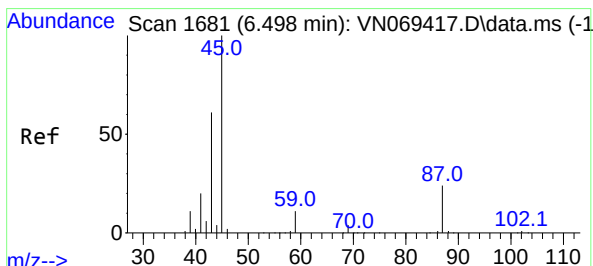
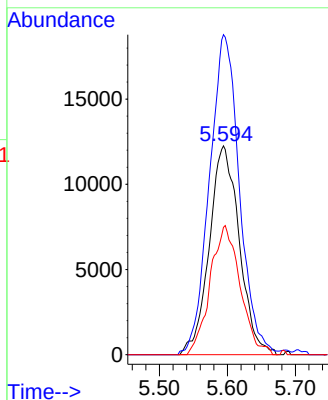
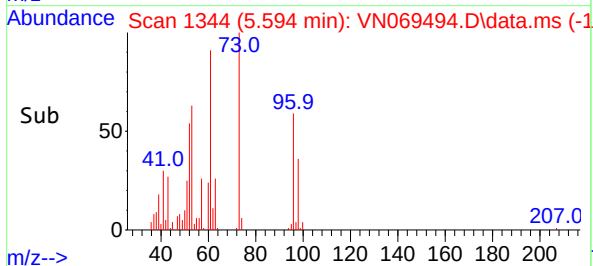
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



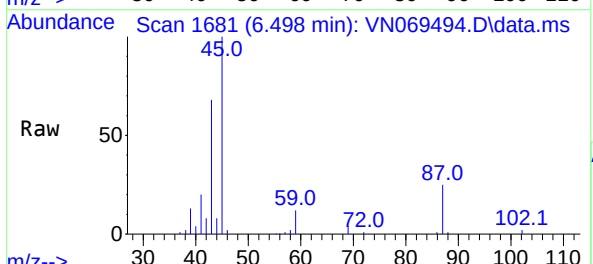
Tgt Ion: 96 Resp: 37658
Ion Ratio Lower Upper
96 100
61 153.3 105.8 158.6
98 61.0 52.0 78.0

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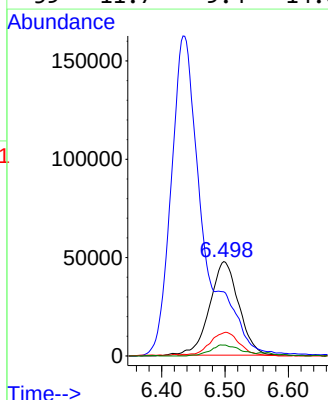
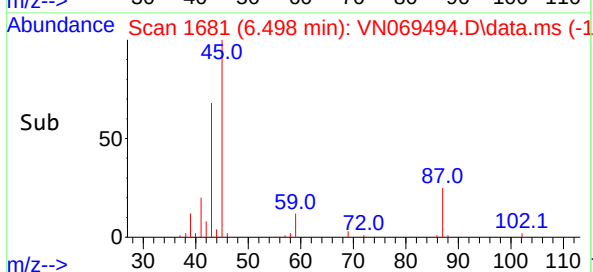
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

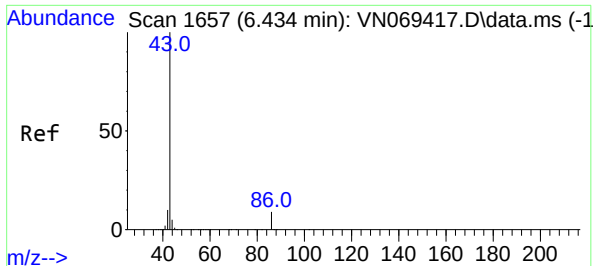


#22
Diisopropyl ether
Concen: 4.039 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32



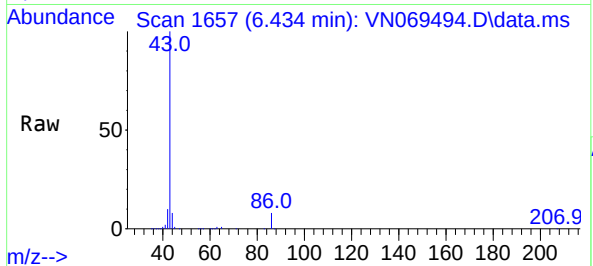
Tgt Ion: 45 Resp: 151412
Ion Ratio Lower Upper
45 100
43 65.3 51.7 77.5
87 24.8 23.2 34.8
59 11.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 16.876 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.000 min
 Lab File: VN069494.D
 Acq: 15 Nov 2021 16:32

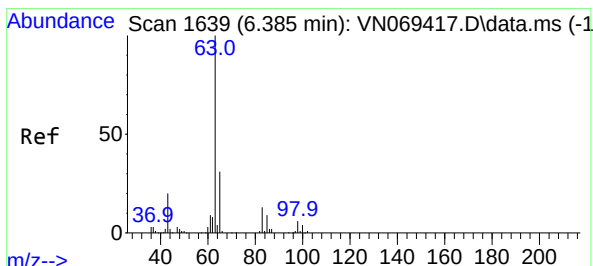
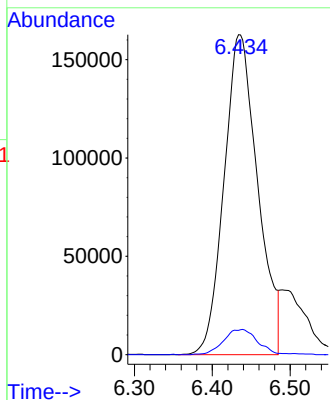
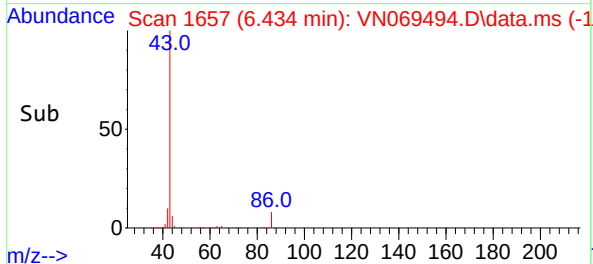
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



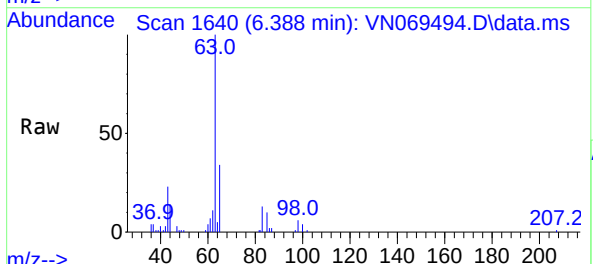
Tgt Ion: 43 Resp: 48933
 Ion Ratio Lower Upper
 43 100
 86 7.6 8.5 12.7

Manual Integrations
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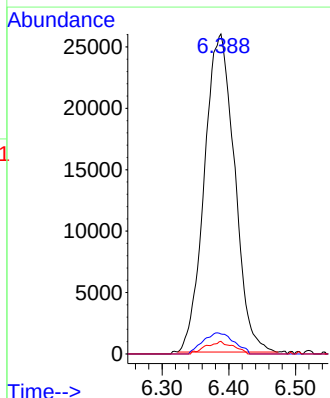
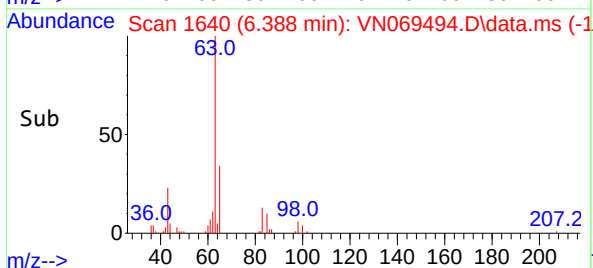
Reviewed By :John Carlone 11/16/2021
 Supervised By :Mahesh Dadoda 11/18/2021

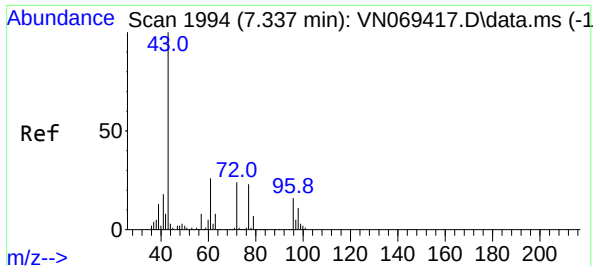


#24
 1,1-Dichloroethane
 Concen: 4.261 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN069494.D
 Acq: 15 Nov 2021 16:32



Tgt Ion: 63 Resp: 81360
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 21.073 ug/l

RT: 7.340 min Scan# 1994

Delta R.T. 0.003 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 43 Resp: 216804

Ion Ratio Lower Upper

43 100

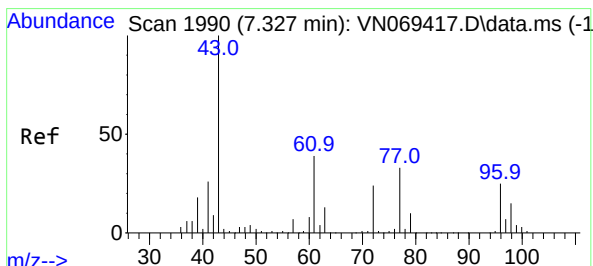
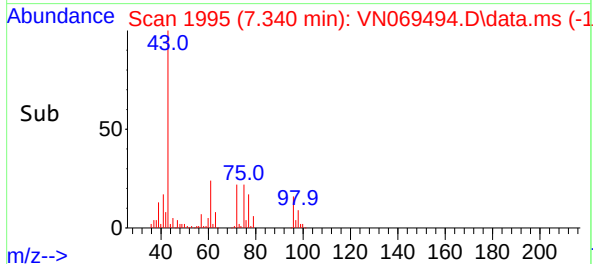
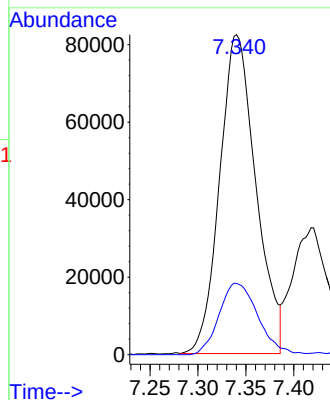
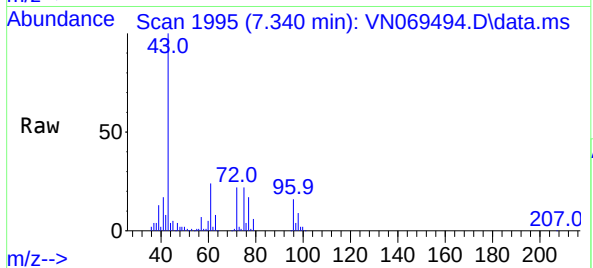
72 22.3 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#26

2,2-Dichloropropane

Concen: 3.950 ug/l

RT: 7.321 min Scan# 1988

Delta R.T. -0.006 min

Lab File: VN069494.D

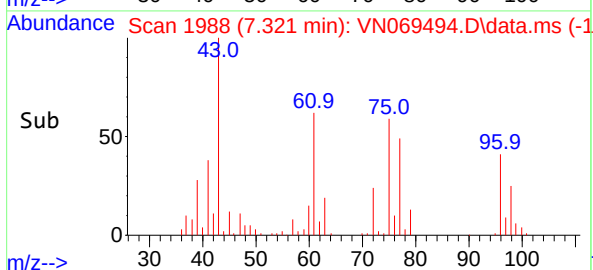
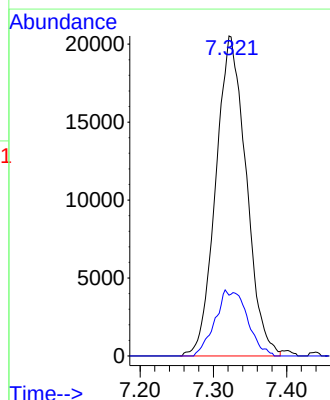
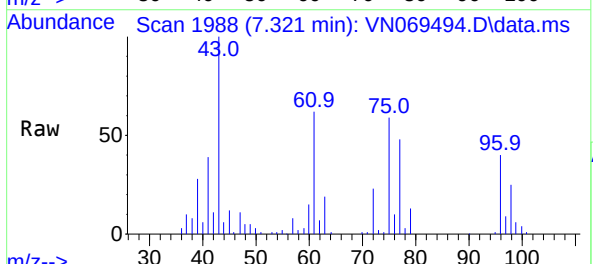
Acq: 15 Nov 2021 16:32

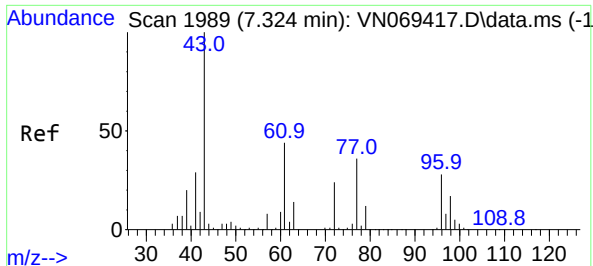
Tgt Ion: 77 Resp: 59013

Ion Ratio Lower Upper

77 100

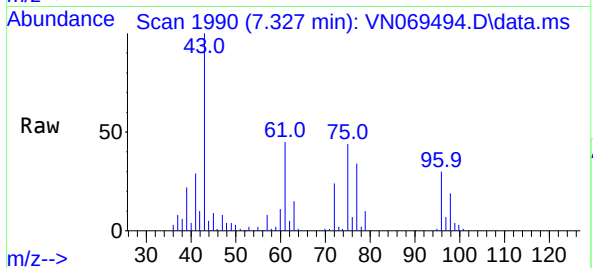
97 10.0 11.6 34.8#





#27
 cis-1,2-Dichloroethene
 Concen: 4.357 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.003 min
 Lab File: VN069494.D
 Acq: 15 Nov 2021 16:32

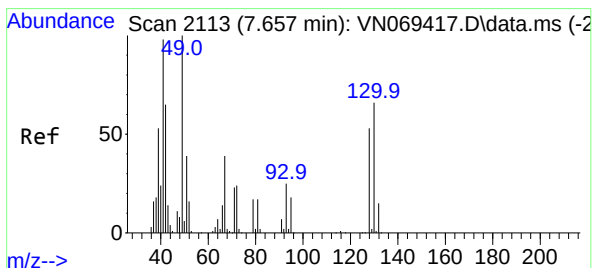
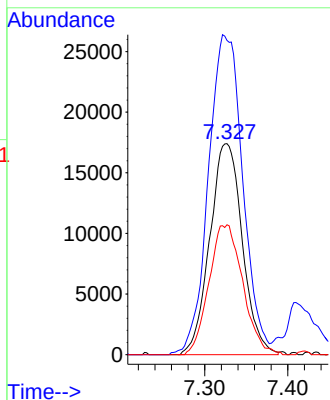
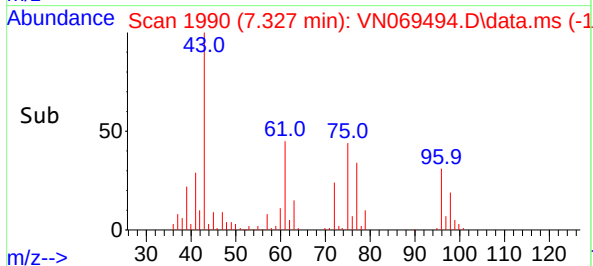
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT4-2021



Tgt Ion: 96 Resp: 4749
 Ion Ratio Lower Upper
 96 100
 61 159.4 0.0 275.0
 98 63.8 0.0 129.6

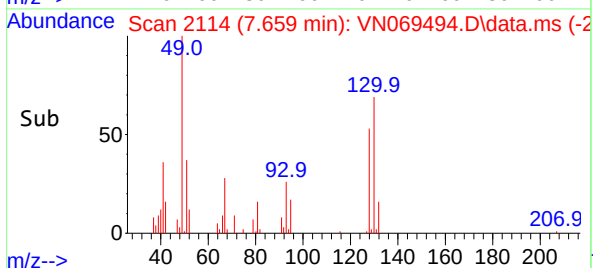
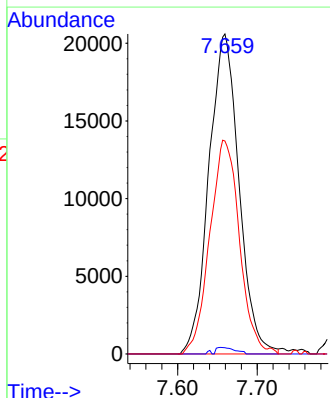
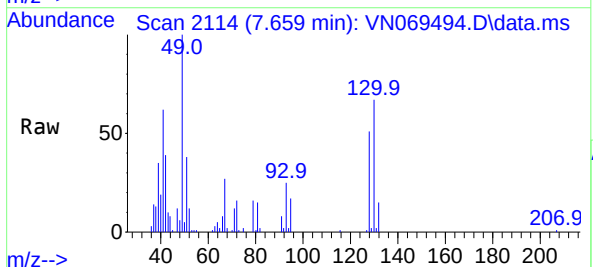
Manual Integrations
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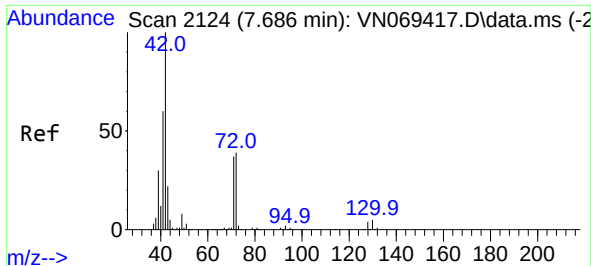
Reviewed By :John Carlone 11/16/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#28
 Bromochloromethane
 Concen: 5.528 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.002 min
 Lab File: VN069494.D
 Acq: 15 Nov 2021 16:32

Tgt Ion: 49 Resp: 54059
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.0
 130 65.5 67.8 101.8#





#29

Tetrahydrofuran

Concen: 21.119 ug/l

RT: 7.691 min Scan# 2124

Delta R.T. 0.005 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 42 Resp: 13334

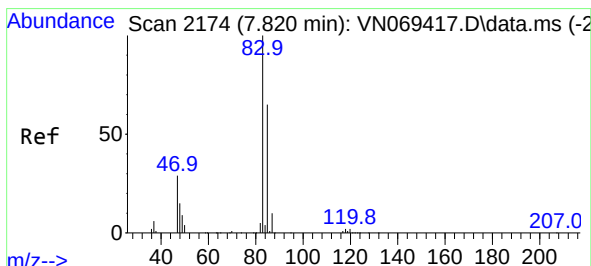
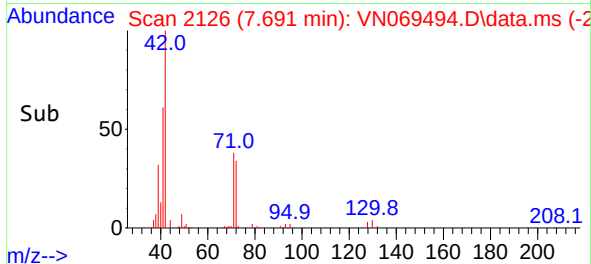
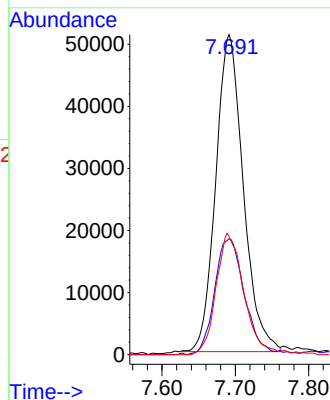
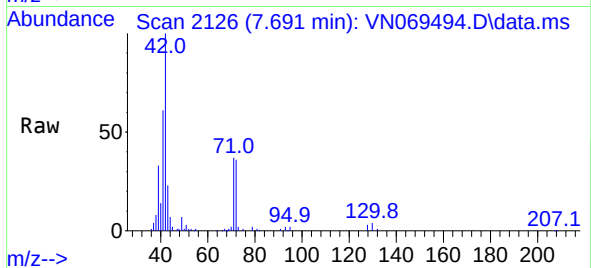
Ion	Ratio	Lower	Upper
42	100		
72	39.3	36.3	54.5
71	38.2	34.7	52.1

Manual Integrations

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Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#30

Chloroform

Concen: 4.345 ug/l

RT: 7.818 min Scan# 2173

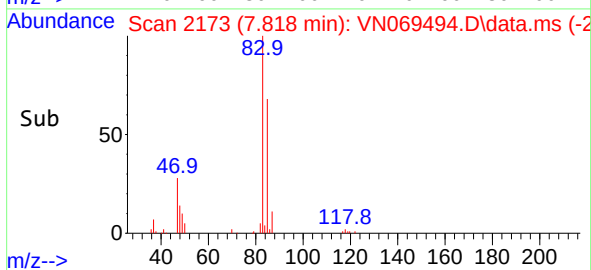
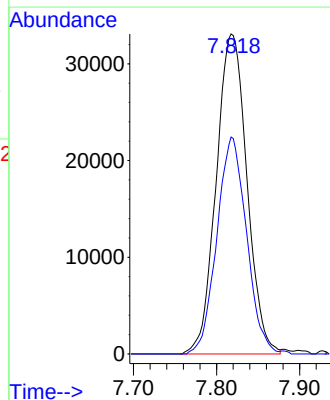
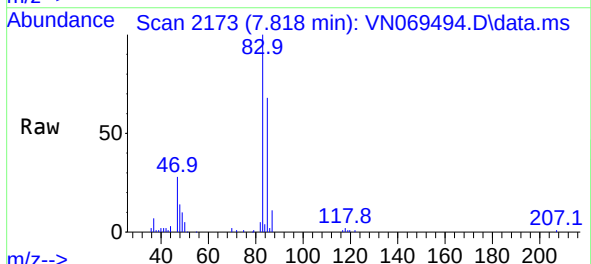
Delta R.T. -0.002 min

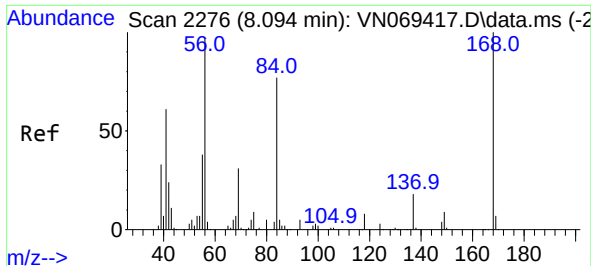
Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

Tgt Ion: 83 Resp: 85066

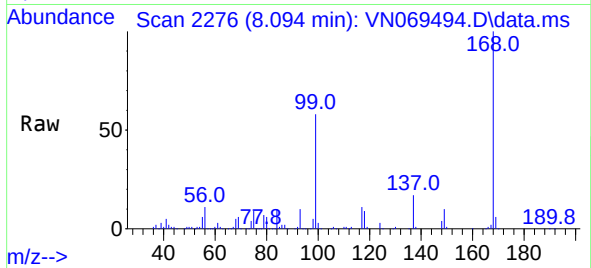
Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.9	77.9





#31
Cyclohexane
Concen: 5.227 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

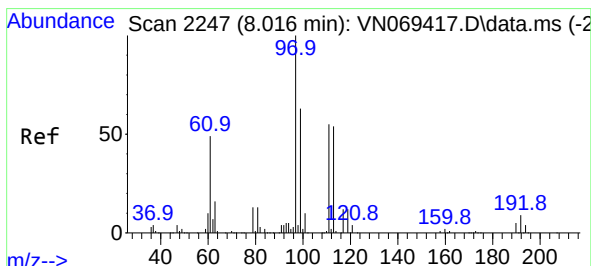
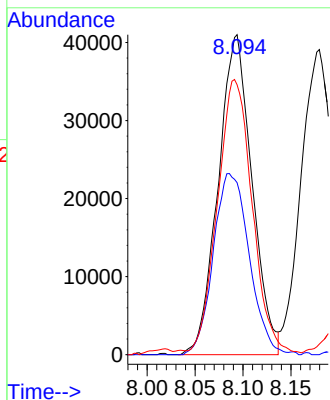
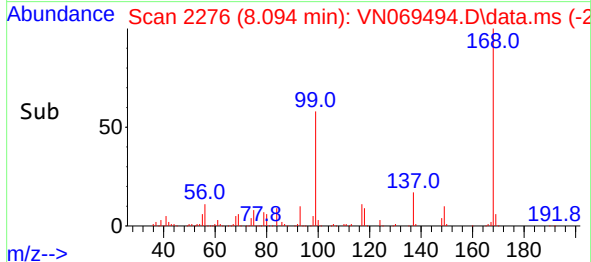
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



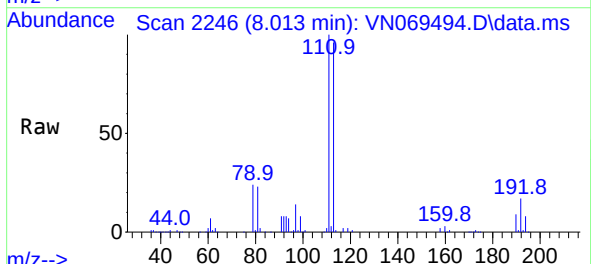
Tgt Ion: 56 Resp: 10055
Ion Ratio Lower Upper
56 100
69 53.8 27.1 40.7
84 83.1 73.4 110.0

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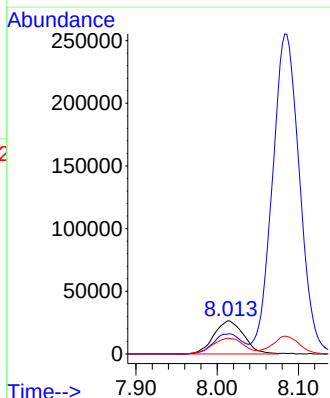
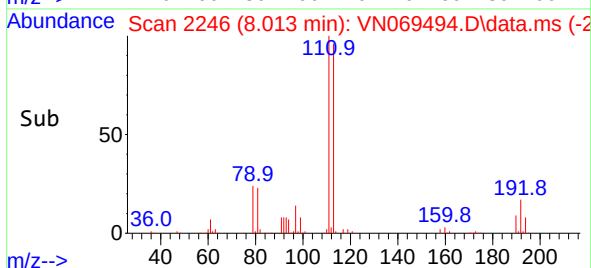
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

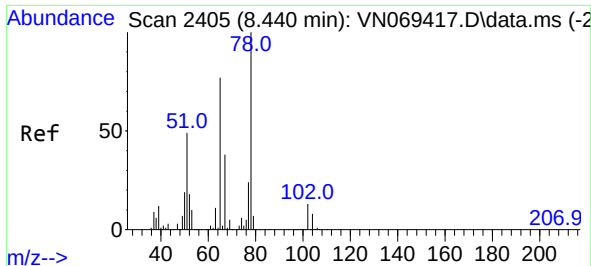


#32
1,1,1-Trichloroethane
Concen: 4.148 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32



Tgt Ion: 97 Resp: 67774
Ion Ratio Lower Upper
97 100
99 57.3 50.1 75.1
61 49.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 54.155 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 65 Resp: 76263

Ion Ratio Lower Upper

65 100

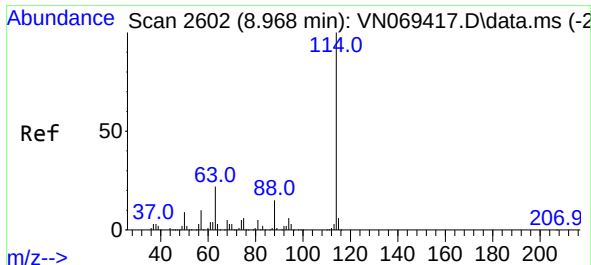
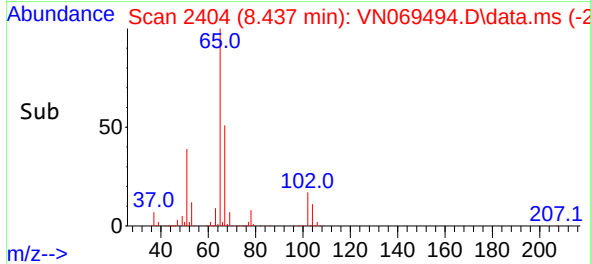
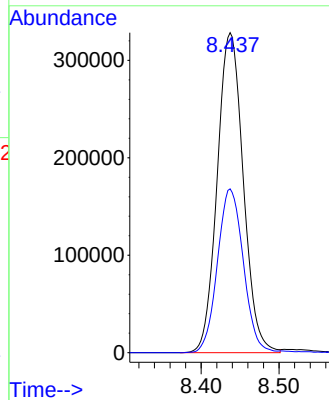
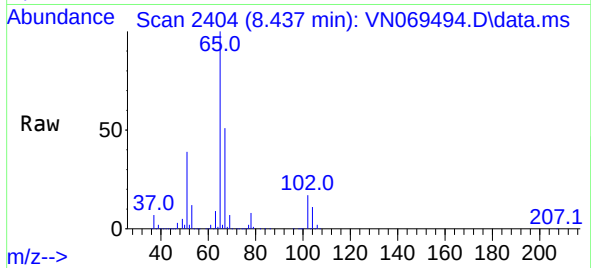
67 50.8 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

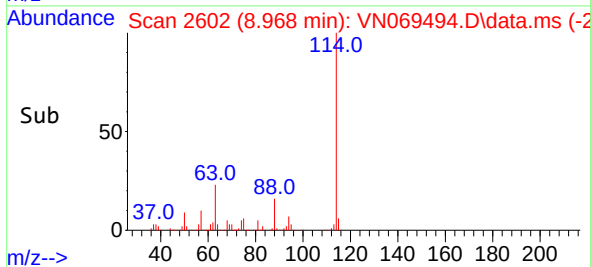
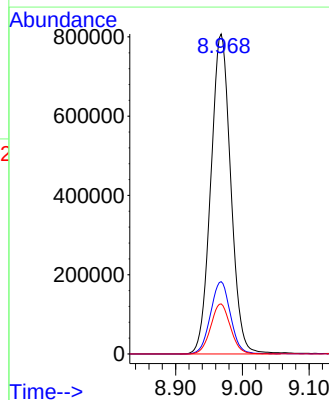
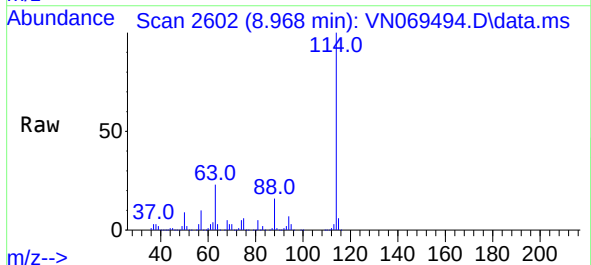
Tgt Ion:114 Resp: 1673614

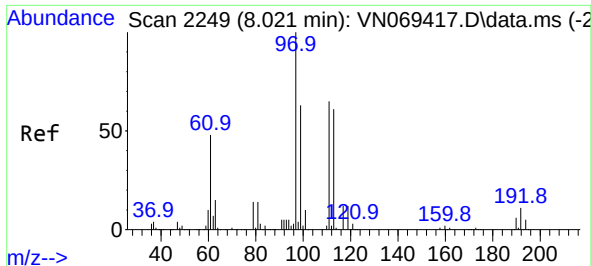
Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

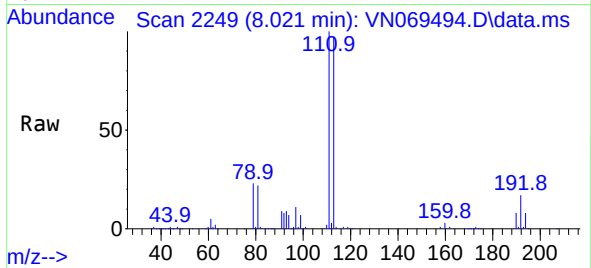
88 15.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.943 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

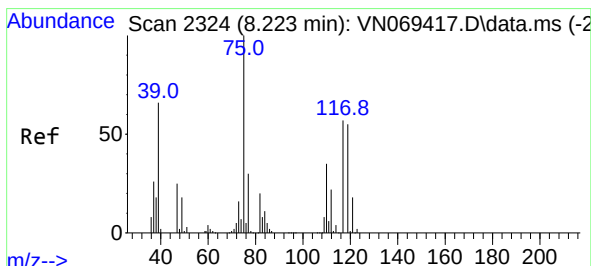
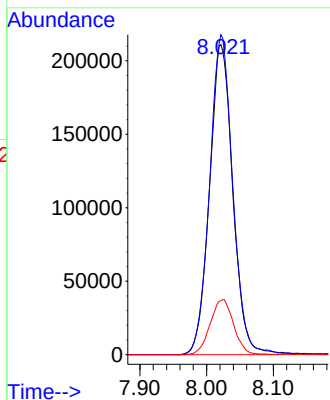
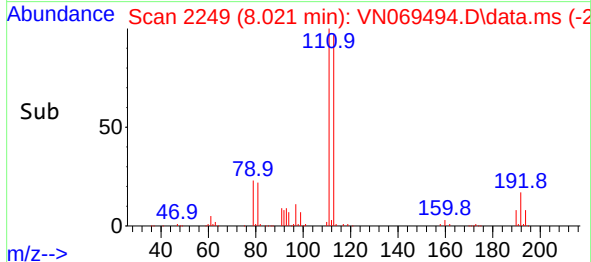
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 113 Resp: 51134
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 18.0 16.9 25.3

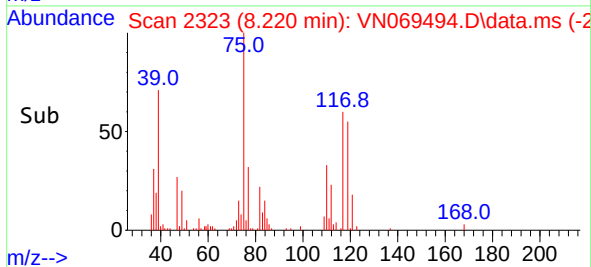
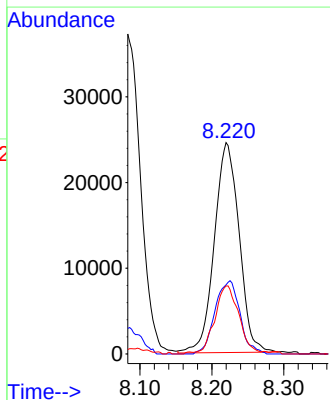
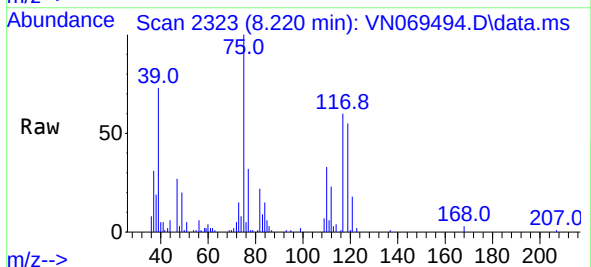
Manual Integrations
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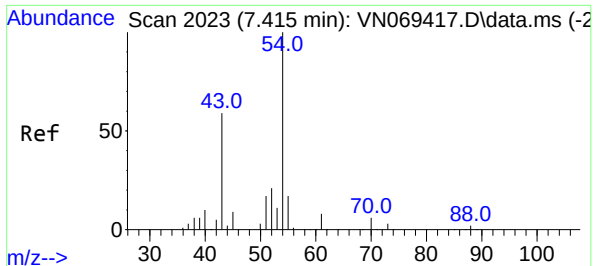
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#36
1,1-Dichloropropene
Concen: 4.160 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

Tgt Ion: 75 Resp: 58585
Ion Ratio Lower Upper
75 100
110 35.1 18.4 55.2
77 29.8 24.4 36.6





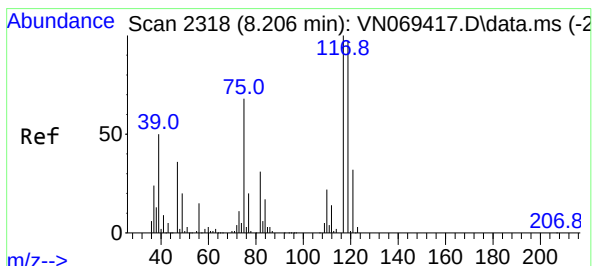
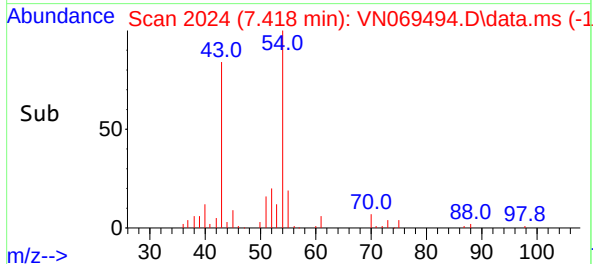
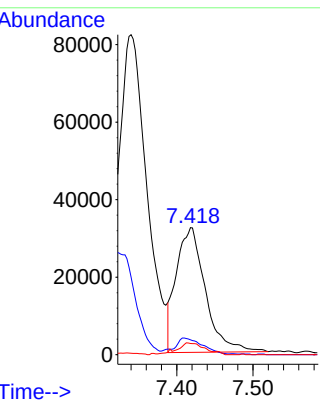
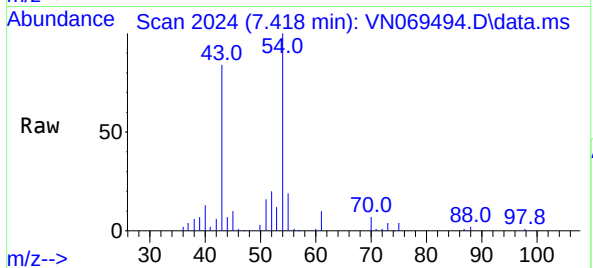
#37
Ethyl Acetate
Concen: 4.497 ug/l
RT: 7.418 min Scan# 2024
Delta R.T. 0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

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

Tgt Ion: 43 Resp: 8561
Ion Ratio Lower Upper
43 100
61 11.9 11.5 17.3
70 4.9 7.9 11.9

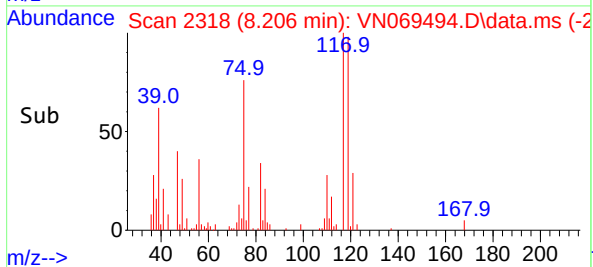
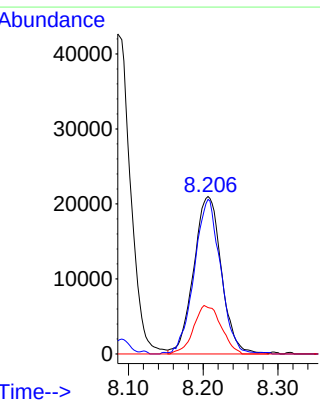
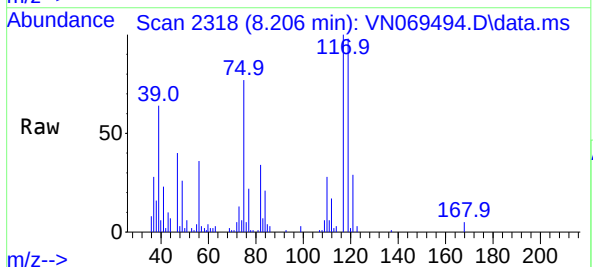
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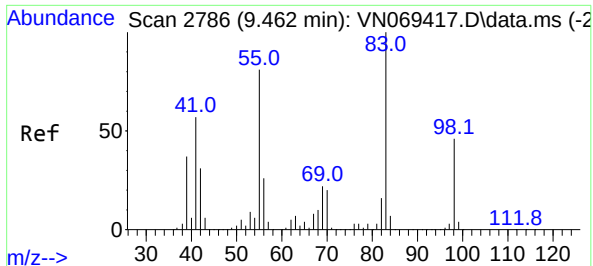
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#38
Carbon Tetrachloride
Concen: 3.985 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

Tgt Ion:117 Resp: 54180
Ion Ratio Lower Upper
117 100
119 97.4 76.1 114.1
121 29.4 24.2 36.2





#39

Methylcyclohexane

Concen: 3.939 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

Instrument :

MSVOA_N

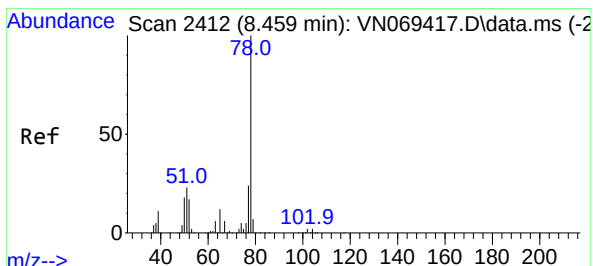
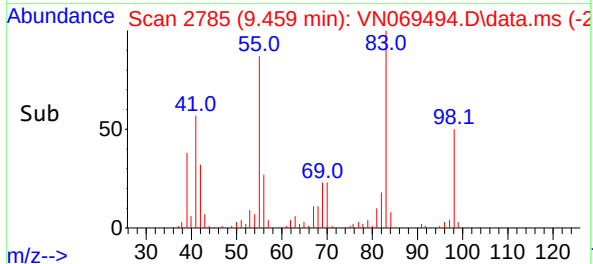
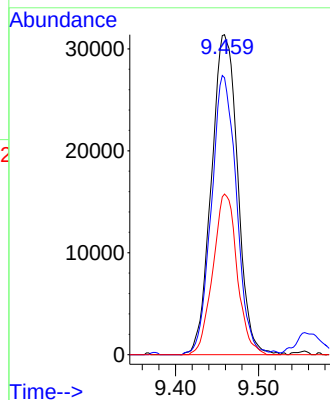
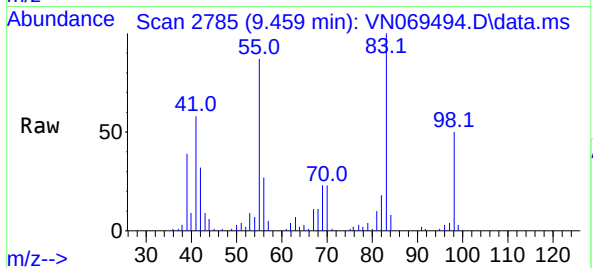
ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 83	Resp: 6899
Ion Ratio	Lower Upper
83	100
55	86.6 58.1 87.1
98	50.2 38.4 57.6

Manual Integrations
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Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#40

Benzene

Concen: 4.321 ug/l

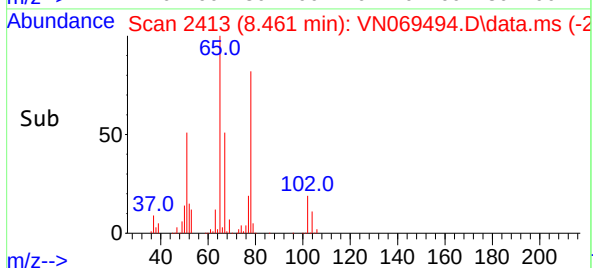
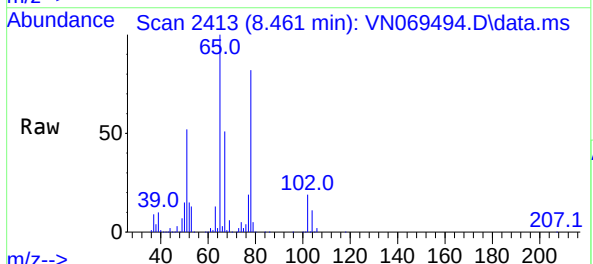
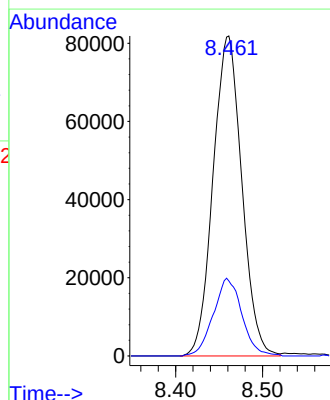
RT: 8.461 min Scan# 2413

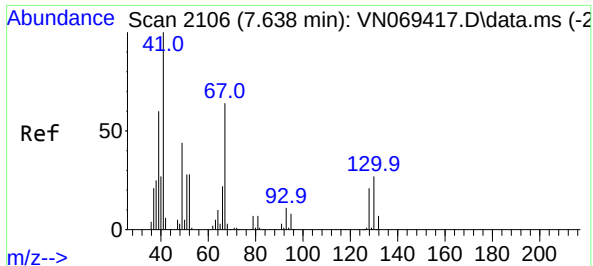
Delta R.T. 0.002 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

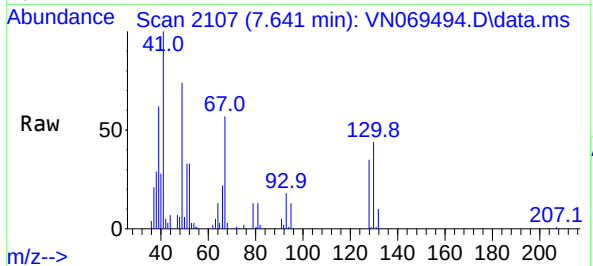
Tgt Ion: 78	Resp: 187831
Ion Ratio	Lower Upper
78	100
77	23.5 18.6 27.8





#41
Methacrylonitrile
Concen: 3.841 ug/l
RT: 7.641 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

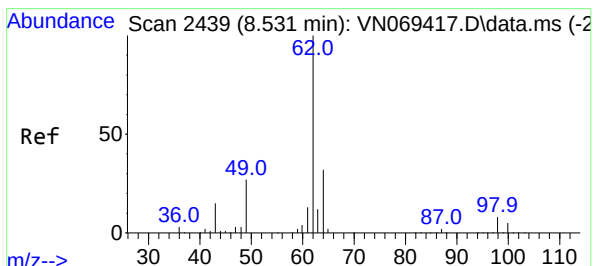
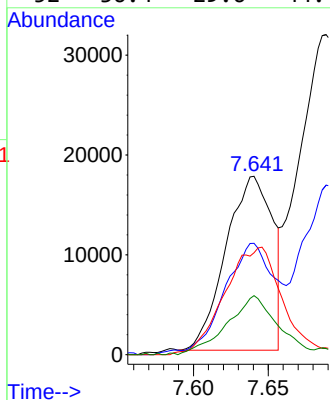
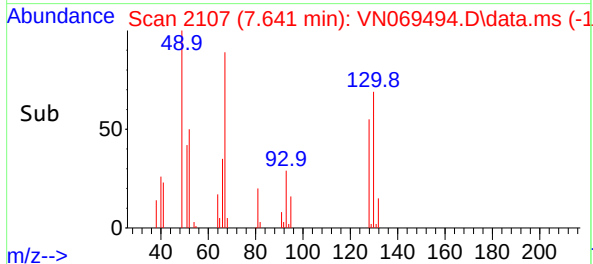
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2021



Tgt Ion: 41 Resp: 3777
Ion Ratio Lower Upper
41 100
39 65.9 48.1 72.1
67 76.6 68.3 102.5
52 36.4 29.6 44.4

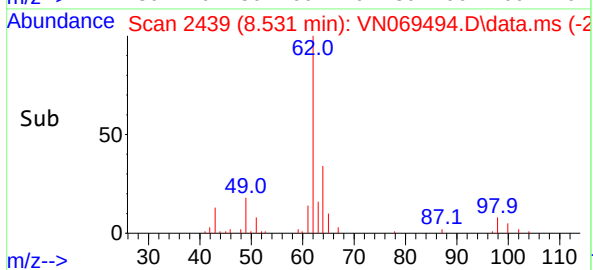
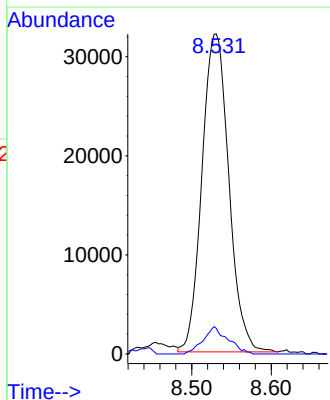
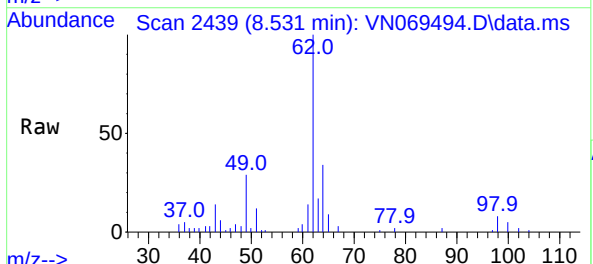
Manual Integrations
APPROVED

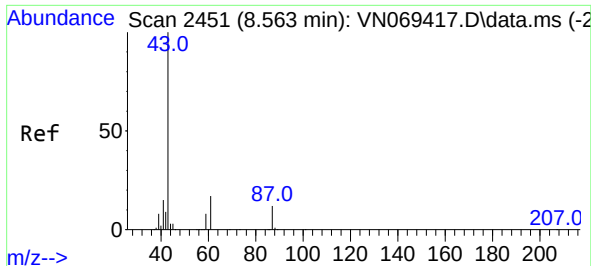
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 4.429 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

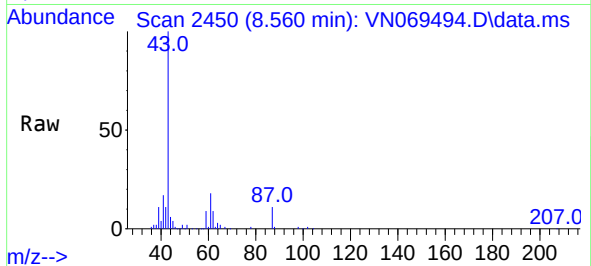
Tgt Ion: 62 Resp: 75389
Ion Ratio Lower Upper
62 100
98 7.9 0.0 17.6





#43
Isopropyl Acetate
Concen: 4.117 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

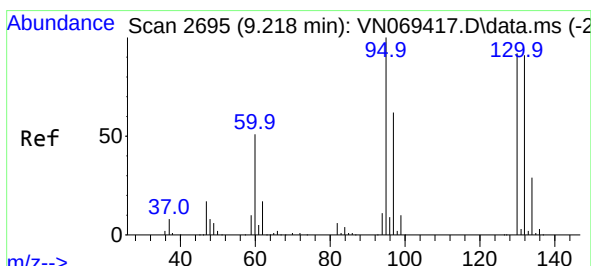
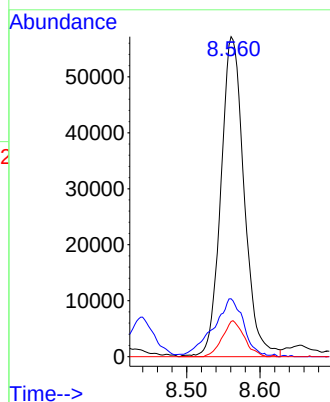
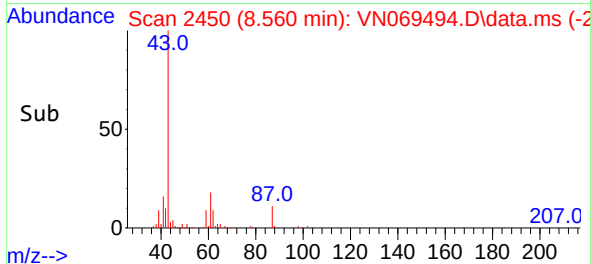
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2021



Tgt Ion: 43 Resp: 12587
Ion Ratio Lower Upper
43 100
61 22.7 20.4 30.6
87 10.6 11.2 16.8

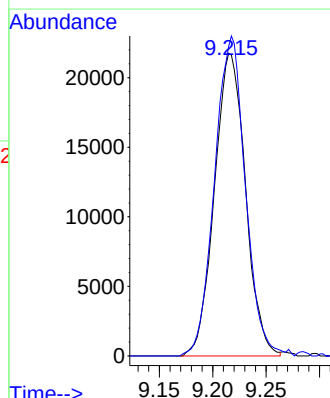
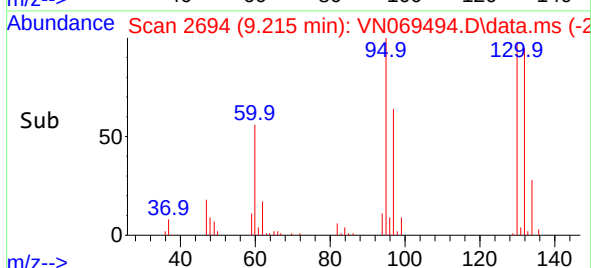
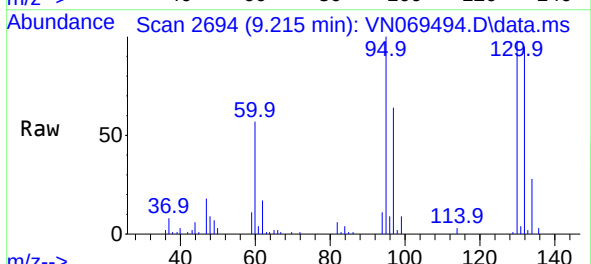
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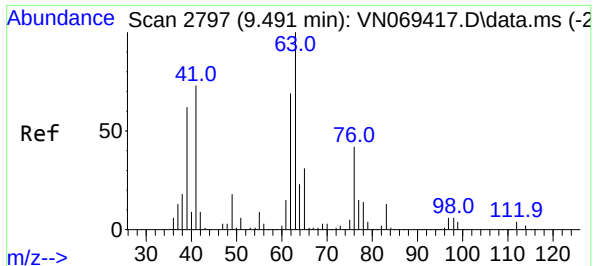
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 4.231 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

Tgt Ion:130 Resp: 44017
Ion Ratio Lower Upper
130 100
95 102.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 4.279 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 63 Resp: 4968

Ion Ratio Lower Upper

63 100

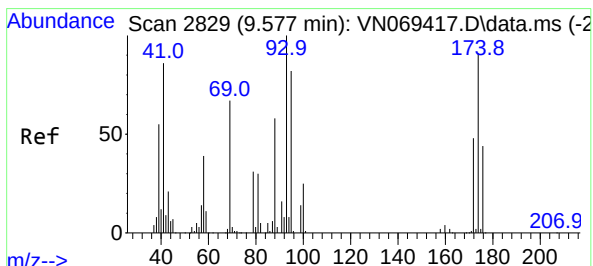
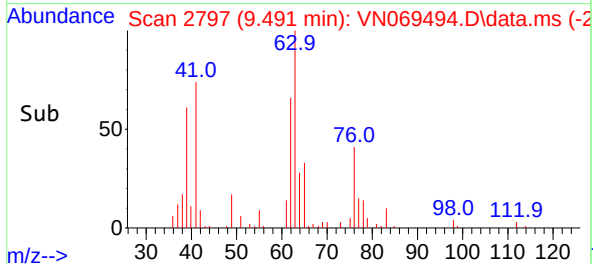
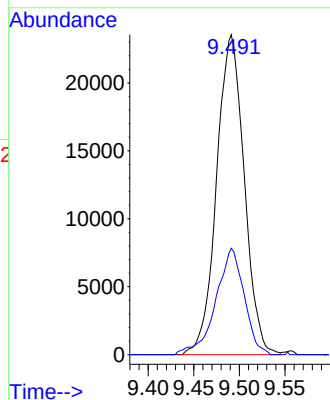
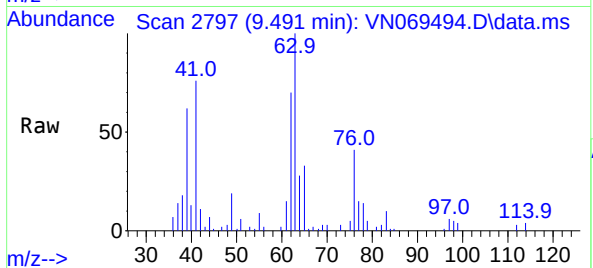
65 33.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 4.217 ug/l

RT: 9.580 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

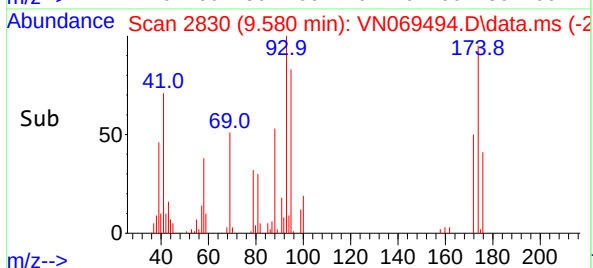
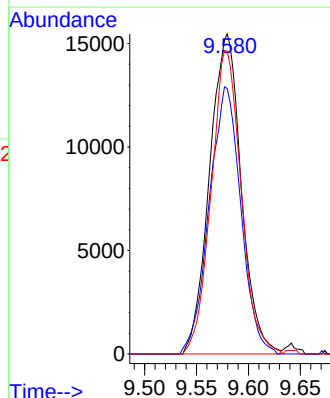
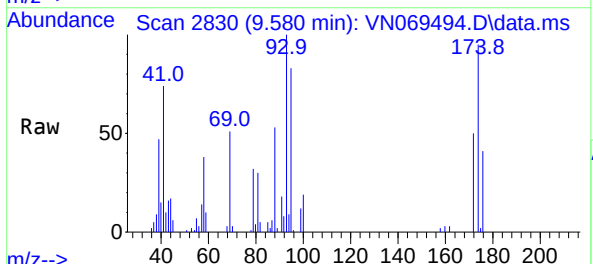
Tgt Ion: 93 Resp: 32800

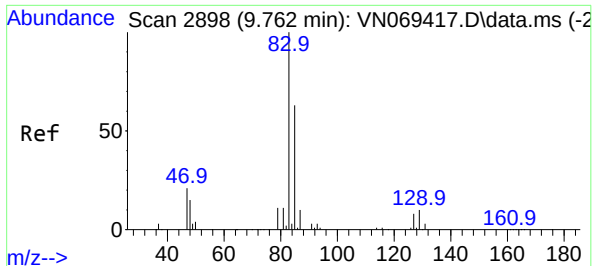
Ion Ratio Lower Upper

93 100

95 83.3 65.9 98.9

174 89.9 84.6 127.0





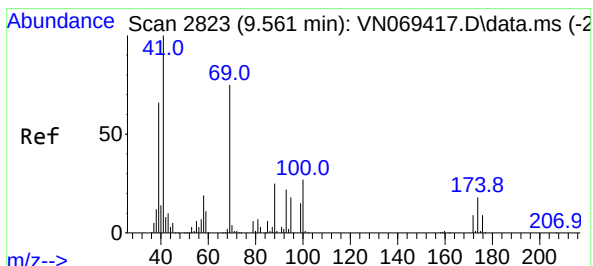
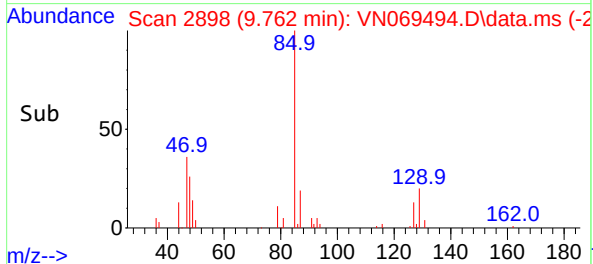
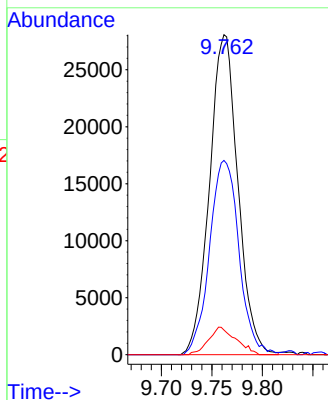
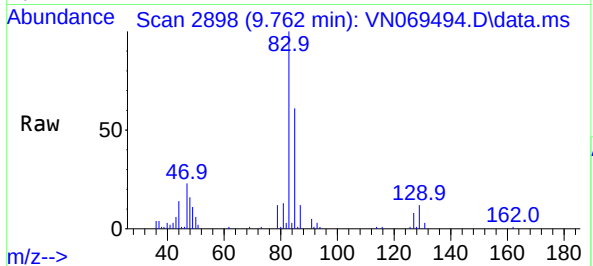
#47
Bromodichloromethane
Concen: 3.777 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

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

Tgt Ion: 83 Resp: 5482
Ion Ratio Lower Upper
83 100
85 60.7 50.9 76.3
127 7.7 7.1 10.7

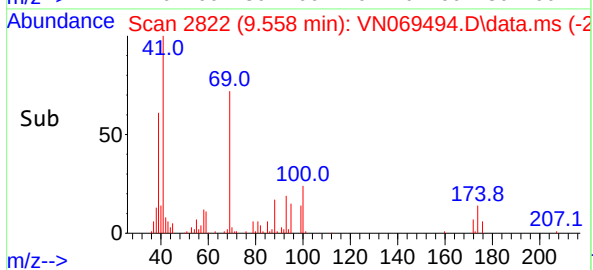
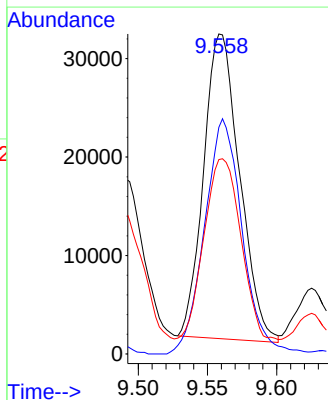
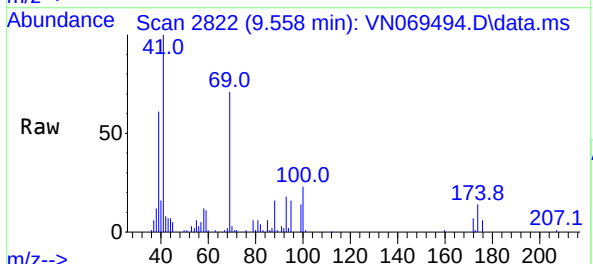
Manual Integrations
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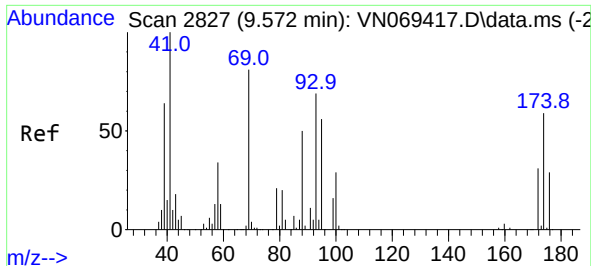
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48
Methyl methacrylate
Concen: 3.890 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

Tgt Ion: 41 Resp: 55967
Ion Ratio Lower Upper
41 100
69 80.9 72.4 108.6
39 69.8 58.4 87.6





#49

1,4-Dioxane

Concen: 78.602 ug/l

RT: 9.574 min Scan# 2827

Delta R.T. 0.002 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

Instrument :

MSVOA_N

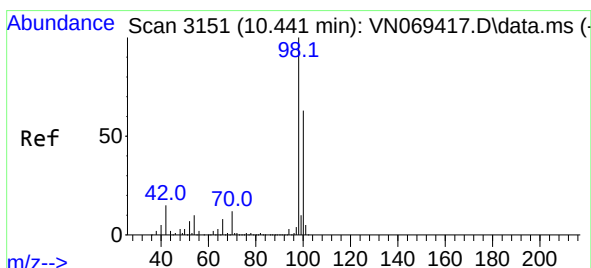
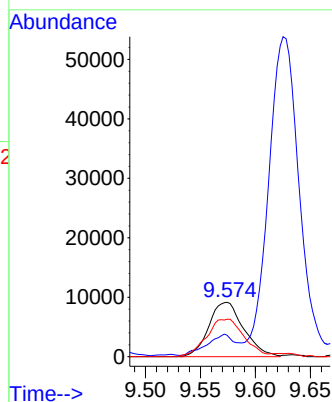
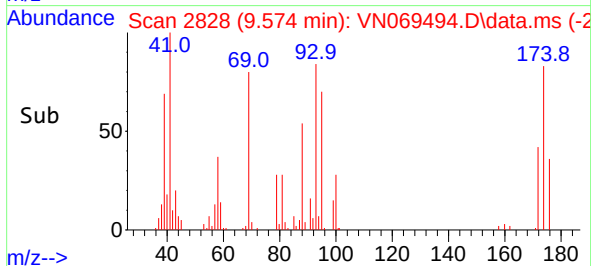
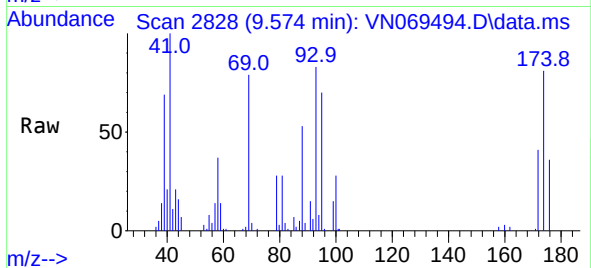
ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 88 Resp: 2016
 Ion Ratio Lower Upper
 88 100
 43 32.1 23.4 35.2
 58 73.8 50.6 75.8

Manual Integrations
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Reviewed By :John Carlone 11/16/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#50

Toluene-d8

Concen: 51.253 ug/l

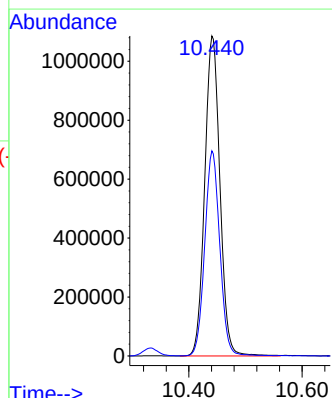
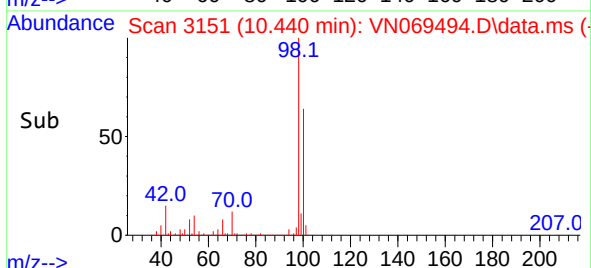
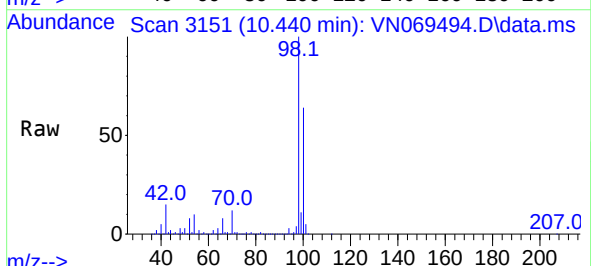
RT: 10.440 min Scan# 3151

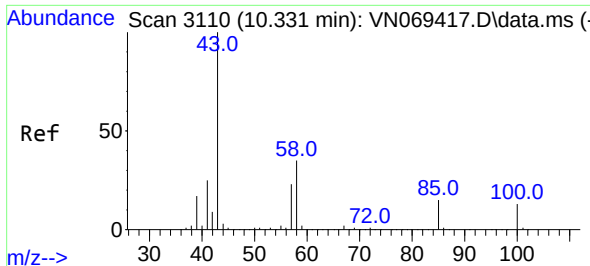
Delta R.T. -0.001 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

Tgt Ion: 98 Resp: 2023361
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.4 75.6





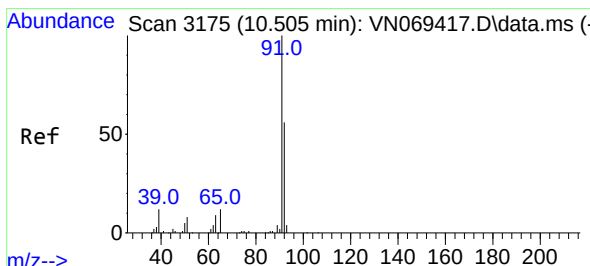
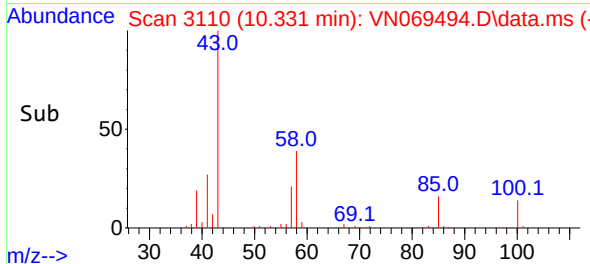
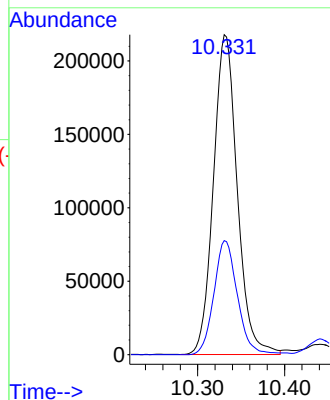
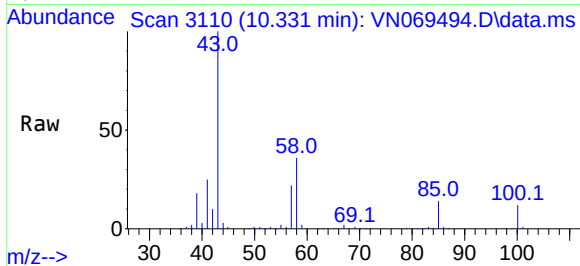
#51
4-Methyl-2-Pentanone
Concen: 21.032 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

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

Tgt Ion: 43 Resp: 415098
Ion Ratio Lower Upper
43 100
58 35.1 30.4 45.6

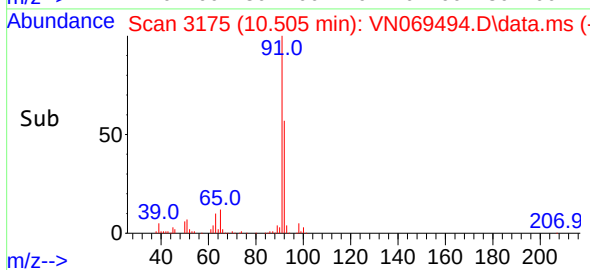
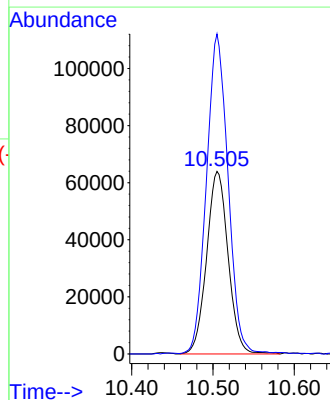
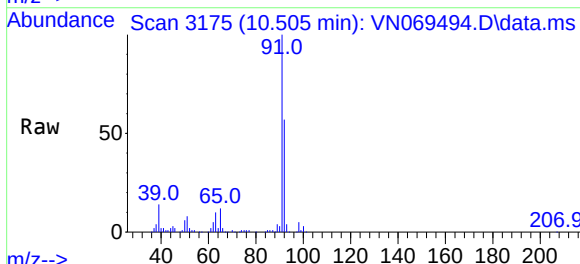
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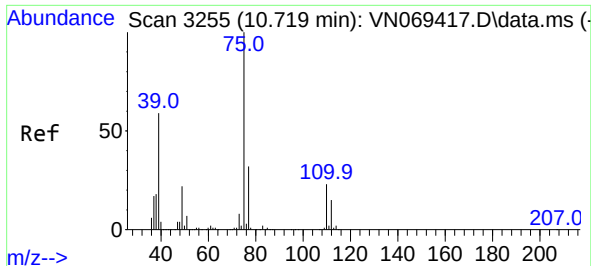
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 4.342 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

Tgt Ion: 92 Resp: 117580
Ion Ratio Lower Upper
92 100
91 174.7 142.0 213.0





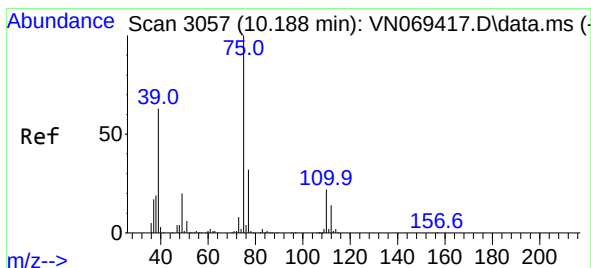
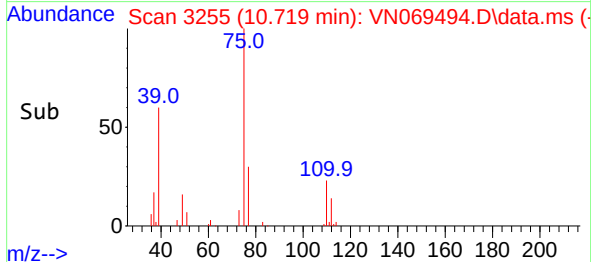
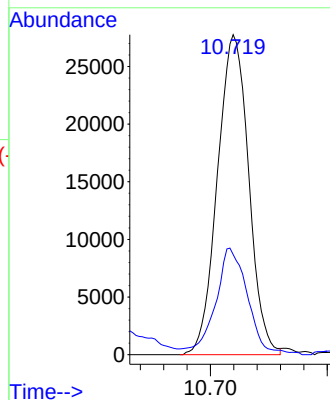
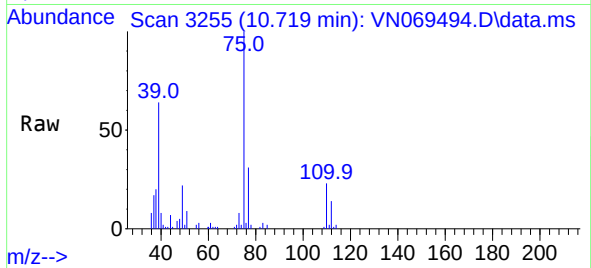
#53
t-1,3-Dichloropropene
Concen: 3.399 ug/l
RT: 10.719 min Scan# 3155
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

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

Tgt Ion: 75 Resp: 5155
Ion Ratio Lower Upper
75 100
77 29.9 25.6 38.4

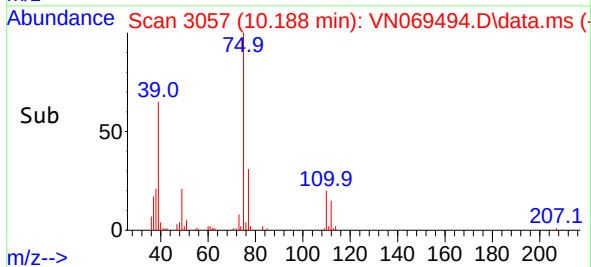
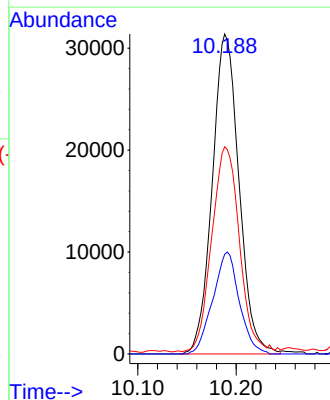
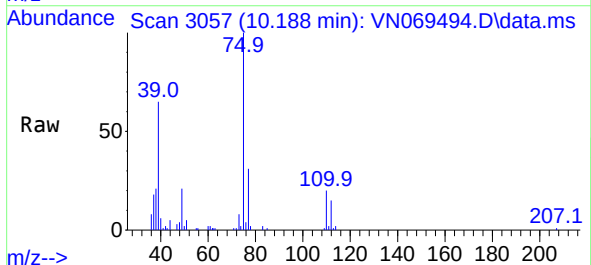
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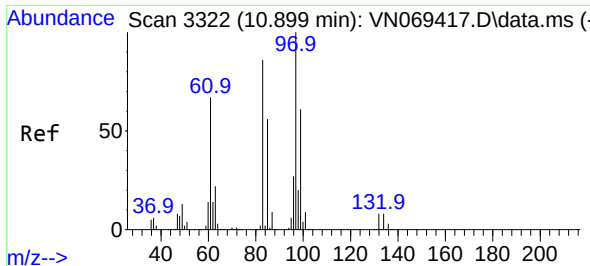
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#54
cis-1,3-Dichloropropene
Concen: 3.586 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

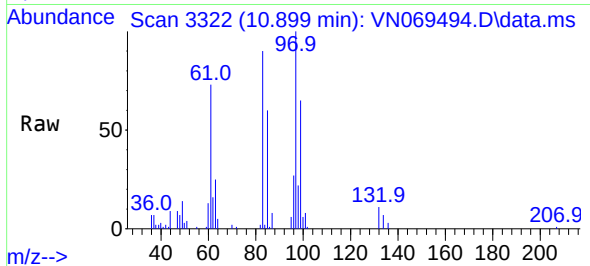
Tgt Ion: 75 Resp: 59365
Ion Ratio Lower Upper
75 100
77 31.1 26.4 39.6
39 63.9 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 4.303 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

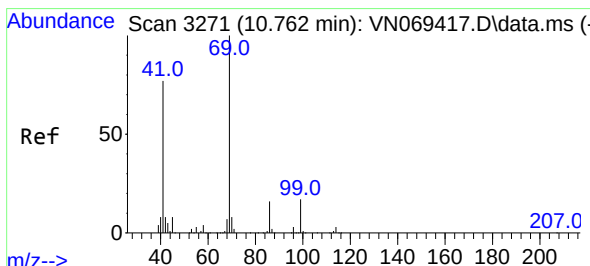
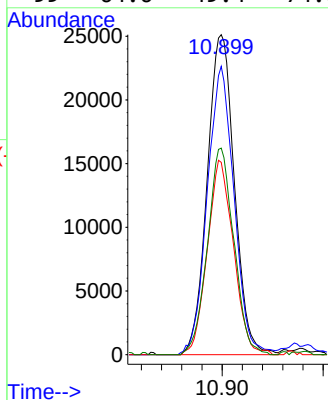
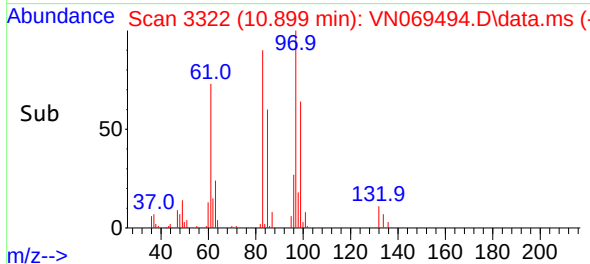
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



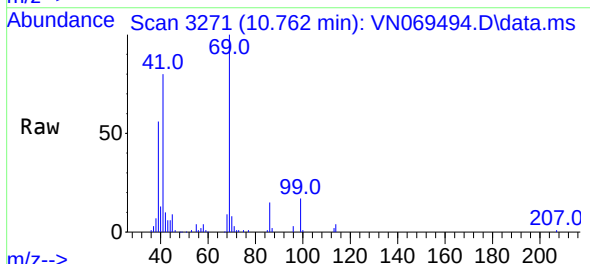
Tgt Ion:	97	Resp:	4697
Ion	Ratio	Lower	Upper
97	100		
83	90.1	67.8	101.6
85	60.1	45.4	68.2
99	64.6	49.4	74.0

Manual Integrations
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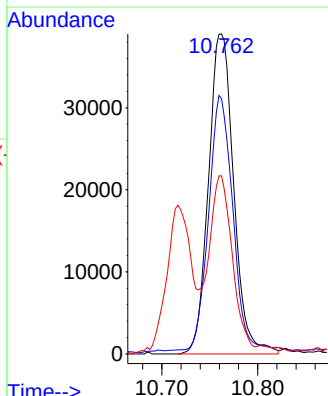
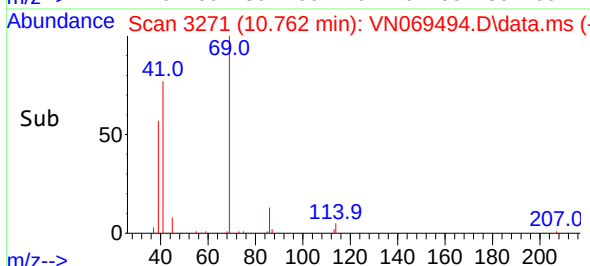
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

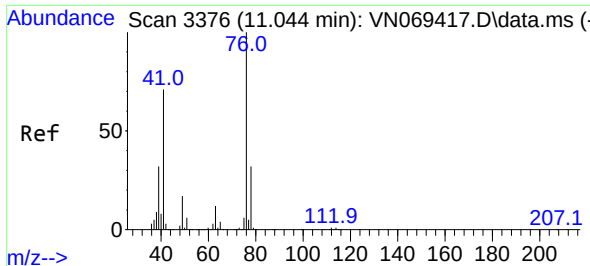


#56
Ethyl methacrylate
Concen: 3.938 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32



Tgt Ion:	69	Resp:	71179
Ion	Ratio	Lower	Upper
69	100		
41	75.9	51.4	77.0
39	48.1	34.6	52.0





#57

1,3-Dichloropropane

Concen: 4.254 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 76 Resp: 8160

Ion Ratio Lower Upper

76 100

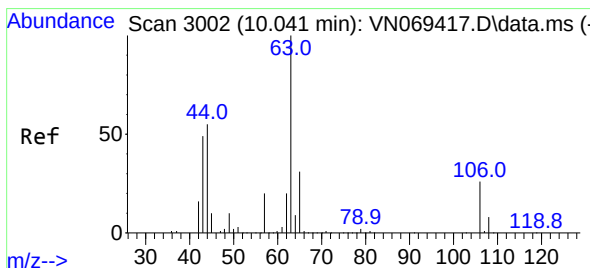
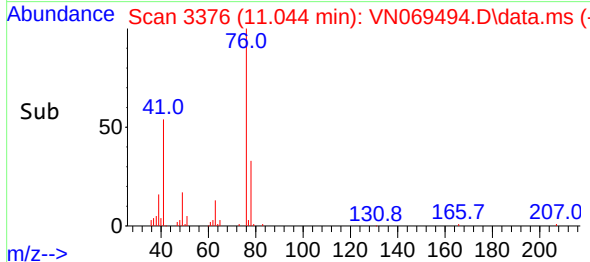
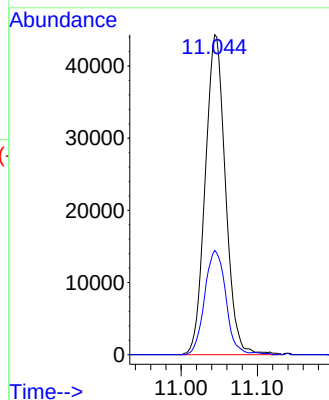
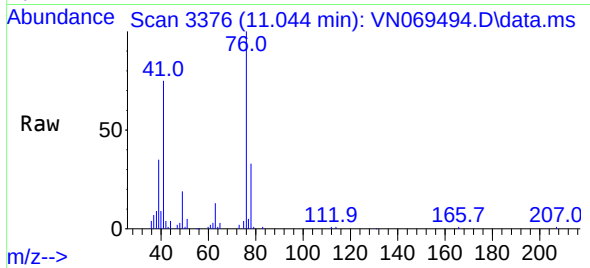
78 33.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#58

2-Chloroethyl Vinyl ether

Concen: 19.120 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN069494.D

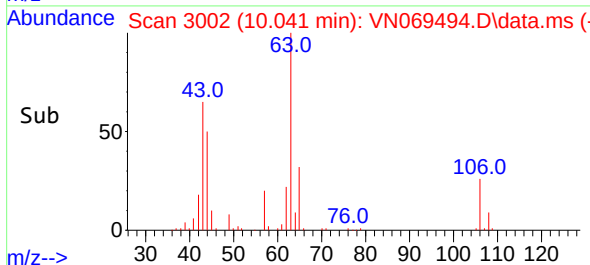
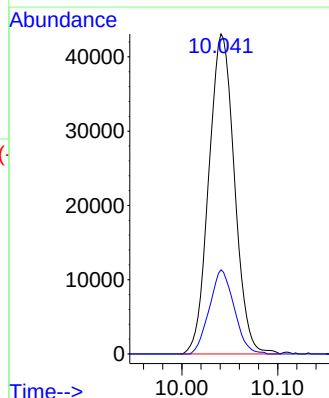
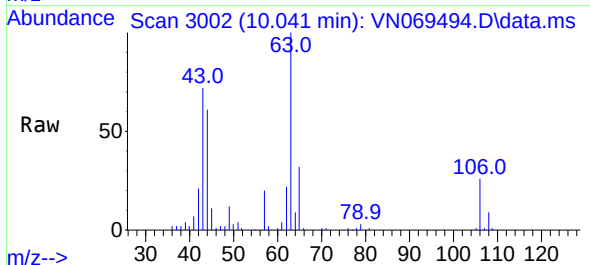
Acq: 15 Nov 2021 16:32

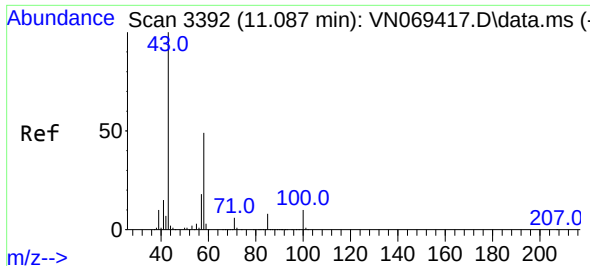
Tgt Ion: 63 Resp: 80070

Ion Ratio Lower Upper

63 100

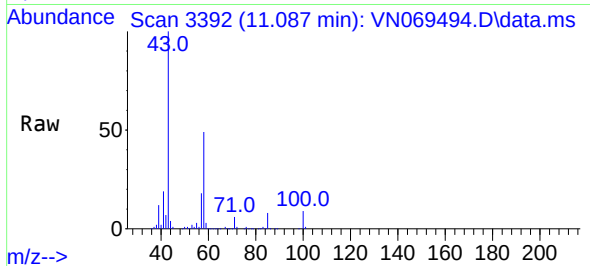
106 25.3 23.9 35.9





#59
2-Hexanone
Concen: 19.582 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

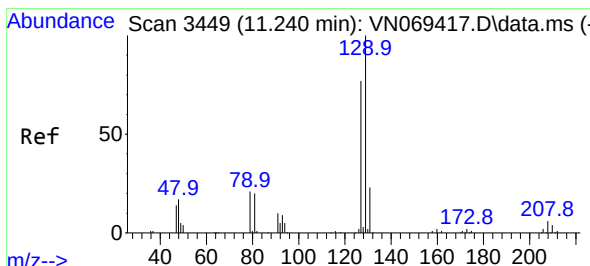
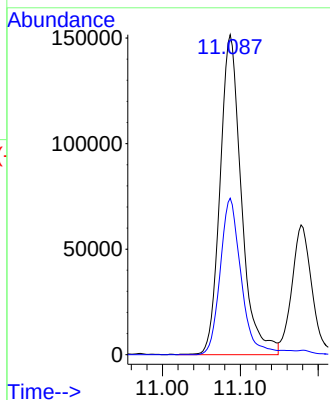
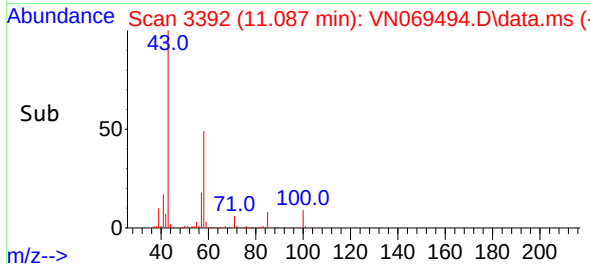
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



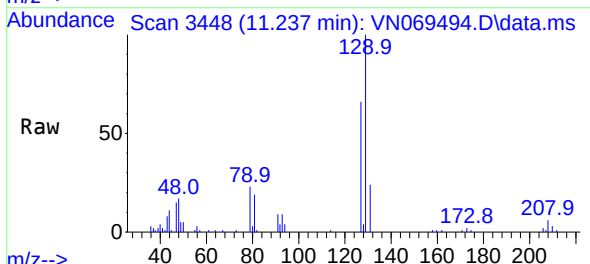
Tgt Ion: 43 Resp: 28802
Ion Ratio Lower Upper
43 100
58 47.7 26.9 80.7

Manual Integrations
APPROVED

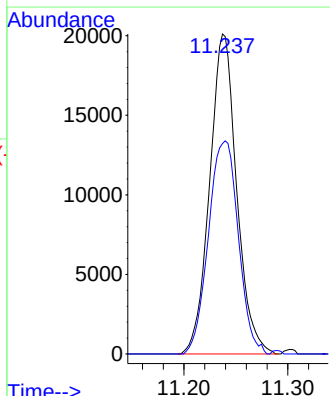
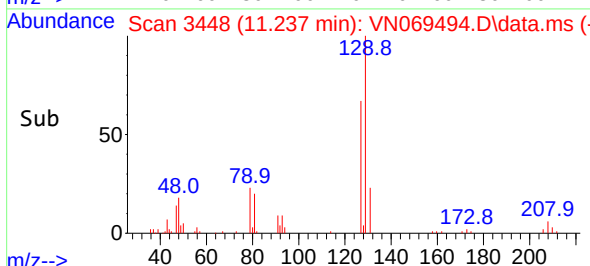
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

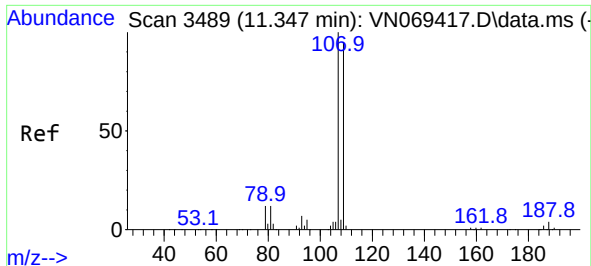


#60
Dibromochloromethane
Concen: 3.561 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32



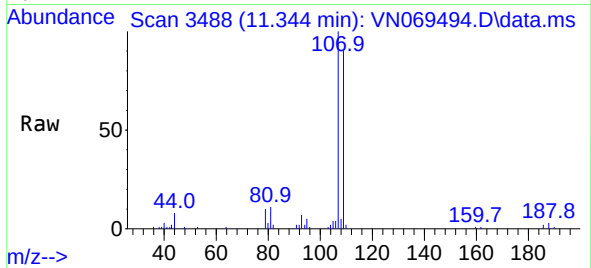
Tgt Ion:129 Resp: 36376
Ion Ratio Lower Upper
129 100
127 73.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 4.116 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

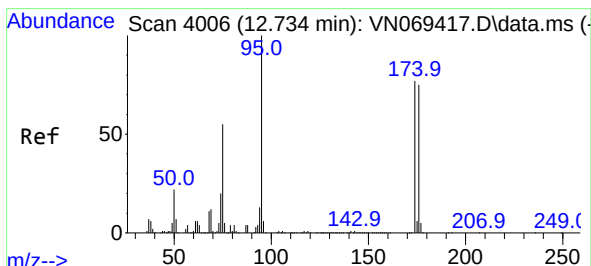
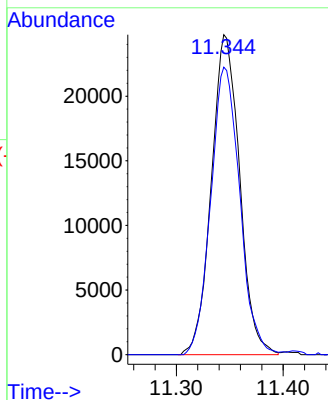
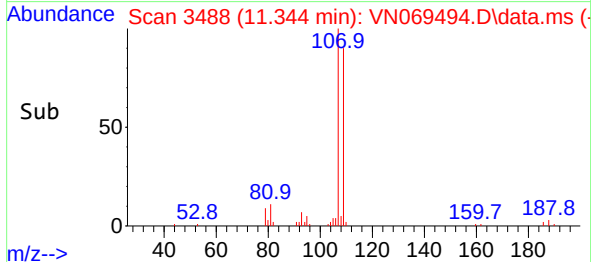
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



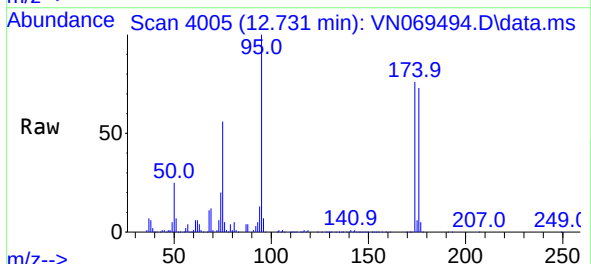
Tgt Ion:107 Resp: 45492
Ion Ratio Lower Upper
107 100
109 92.2 75.7 113.5

Manual Integrations
APPROVED

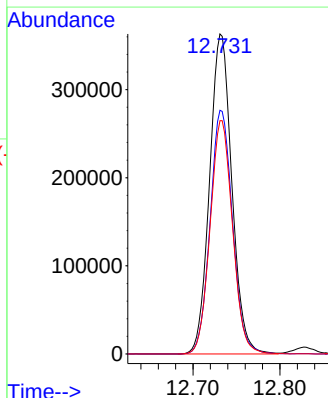
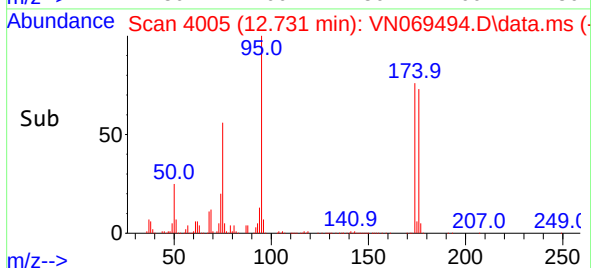
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

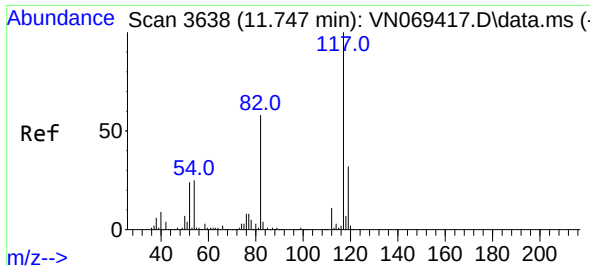


#62
4-Bromofluorobenzene
Concen: 44.530 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32



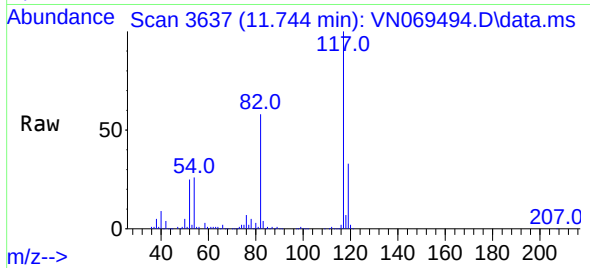
Tgt Ion: 95 Resp: 645805
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 73.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

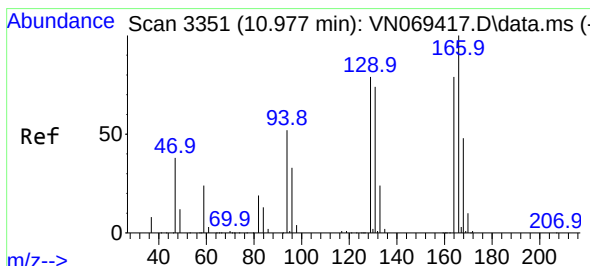
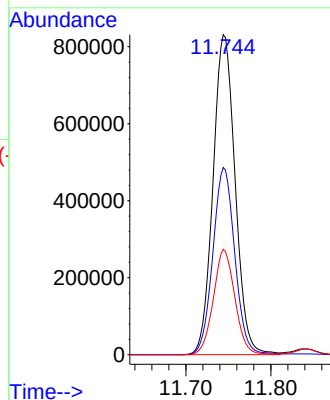
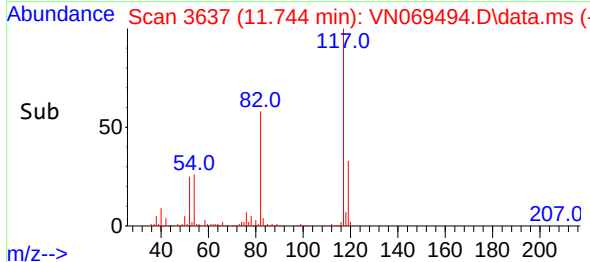
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:117 Resp: 150619
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 32.9 25.4 38.2

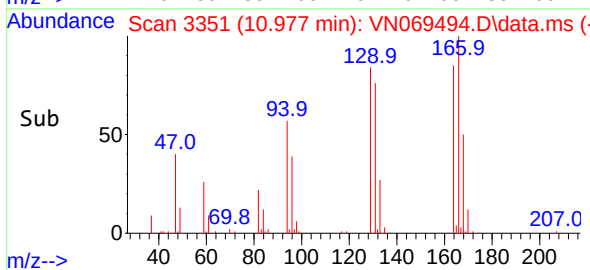
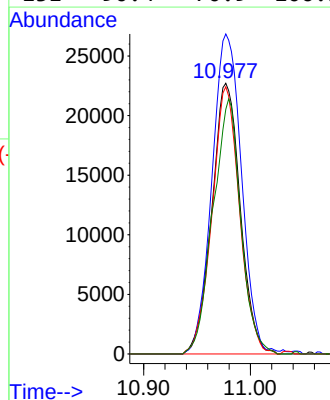
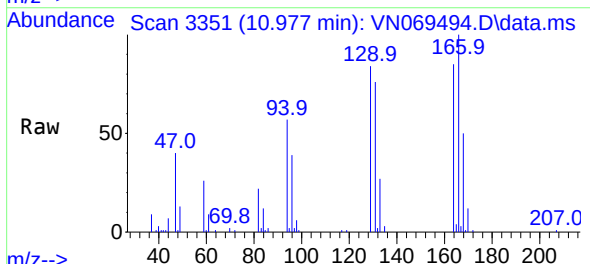
Manual Integrations
APPROVED

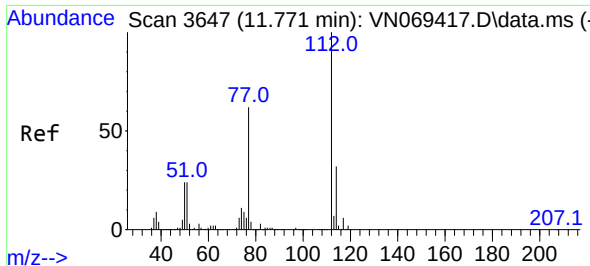
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#64
Tetrachloroethene
Concen: 4.631 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

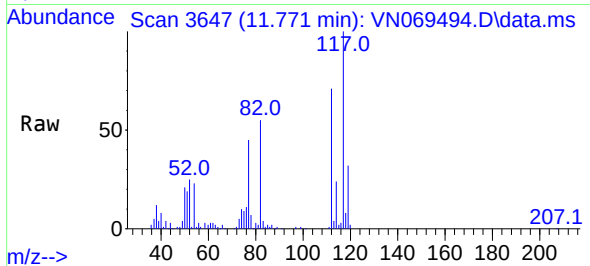
Tgt Ion:164 Resp: 42115
Ion Ratio Lower Upper
164 100
166 118.2 101.9 152.9
129 98.7 72.0 108.0
131 90.4 70.9 106.3





#65
Chlorobenzene
Concen: 4.314 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

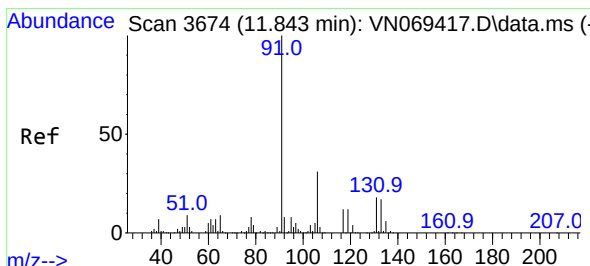
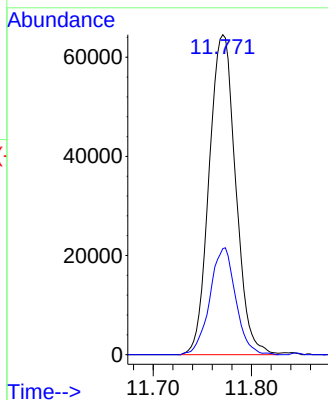
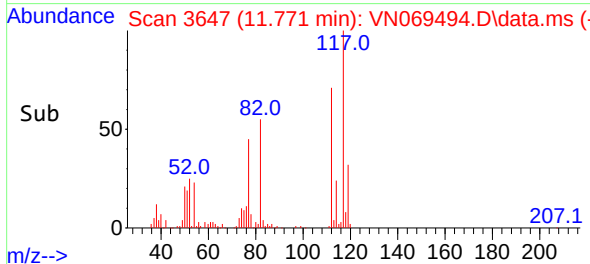
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2021



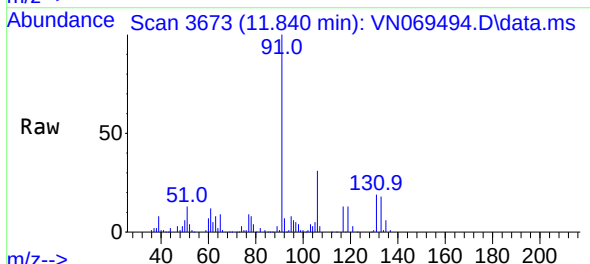
Tgt Ion:112 Resp: 120945
Ion Ratio Lower Upper
112 100
114 33.2 25.4 38.0

Manual Integrations
APPROVED

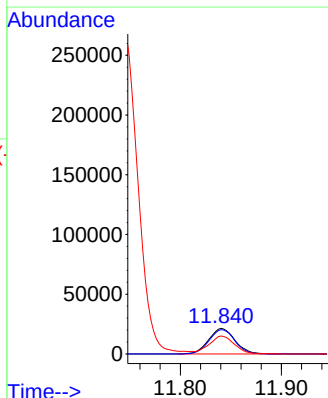
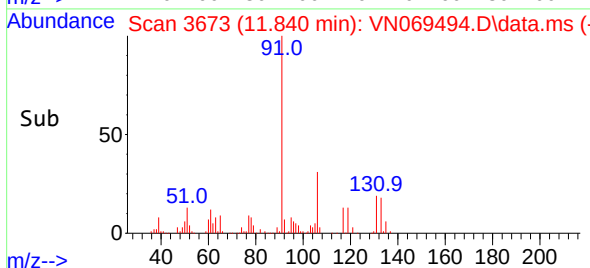
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

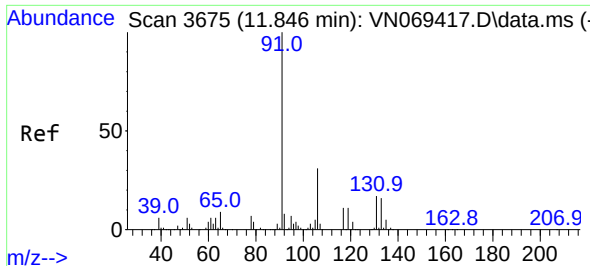


#66
1,1,1,2-Tetrachloroethane
Concen: 3.982 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32



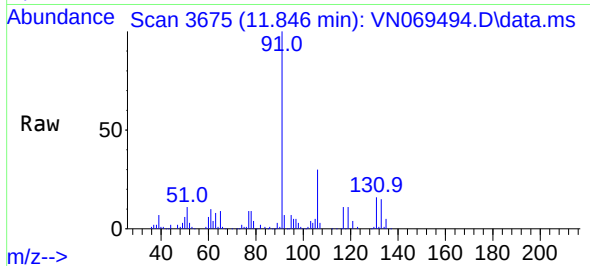
Tgt Ion:131 Resp: 38720
Ion Ratio Lower Upper
131 100
133 92.9 47.9 143.7
119 68.7 32.1 96.5





#67
Ethyl Benzene
Concen: 4.090 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

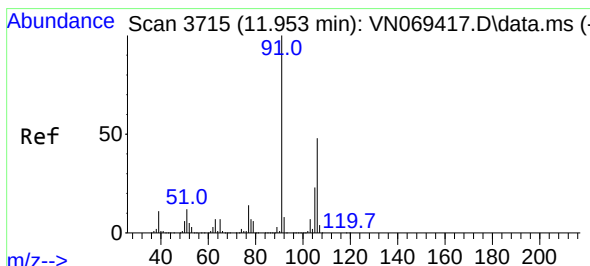
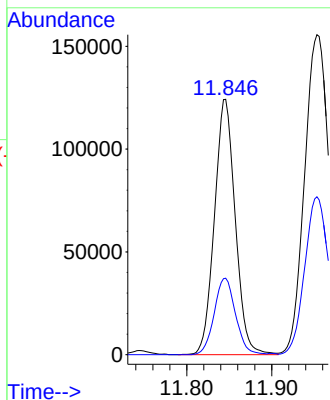
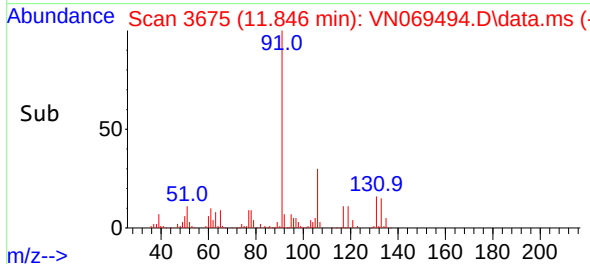
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2021



Tgt Ion: 91 Resp: 211504
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

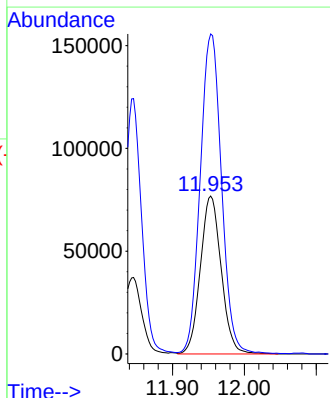
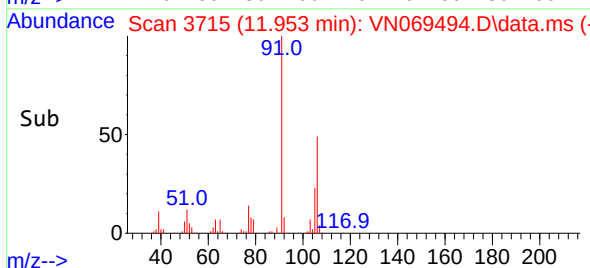
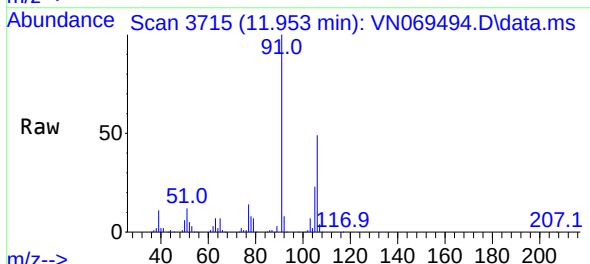
Manual Integrations
APPROVED

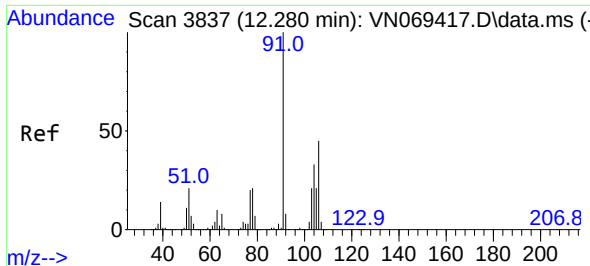
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#68
m/p-Xylenes
Concen: 8.157 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

Tgt Ion:106 Resp: 155123
Ion Ratio Lower Upper
106 100
91 204.0 160.6 240.8





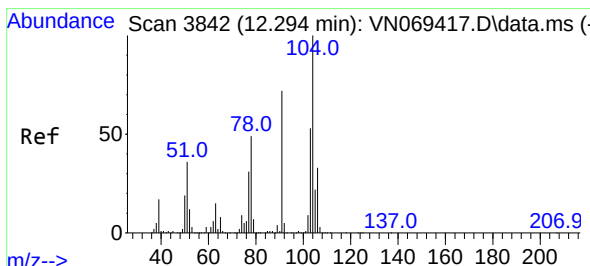
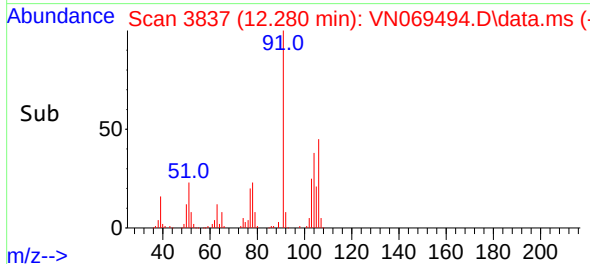
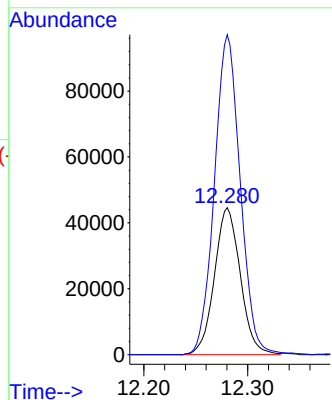
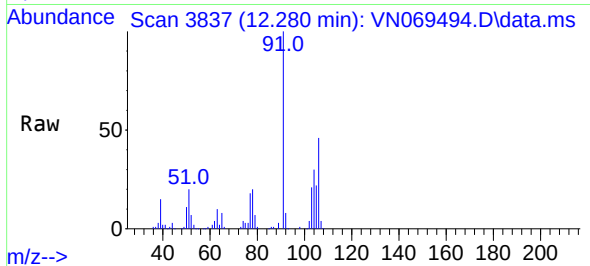
#69
o-Xylene
Concen: 4.074 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

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

Tgt Ion:106 Resp: 77244
Ion Ratio Lower Upper
106 100
91 217.5 105.8 317.3

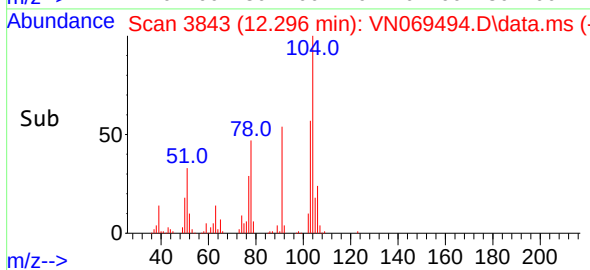
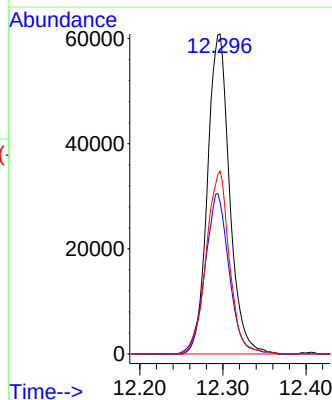
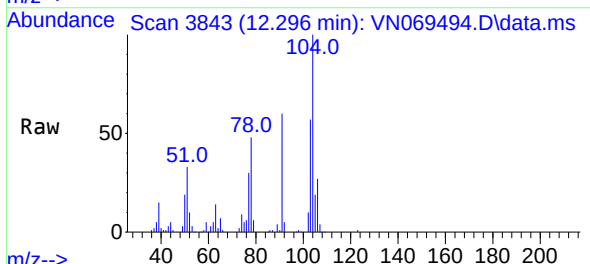
Manual Integrations
APPROVED

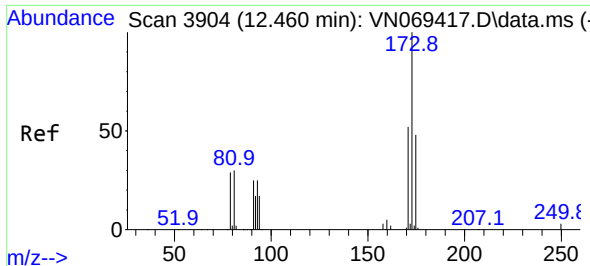
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 3.689 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

Tgt Ion:104 Resp: 112354
Ion Ratio Lower Upper
104 100
78 54.3 38.7 58.1
103 60.1 45.0 67.6





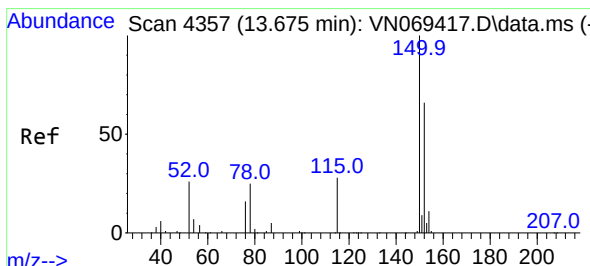
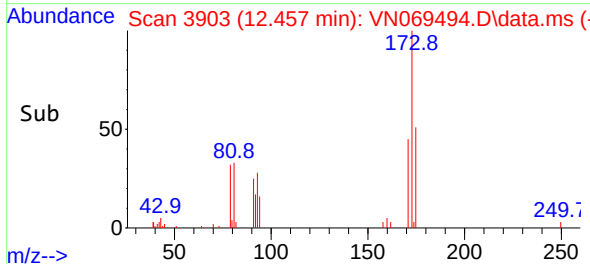
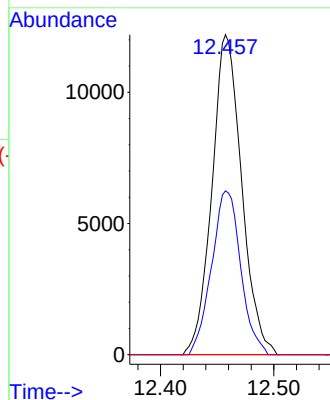
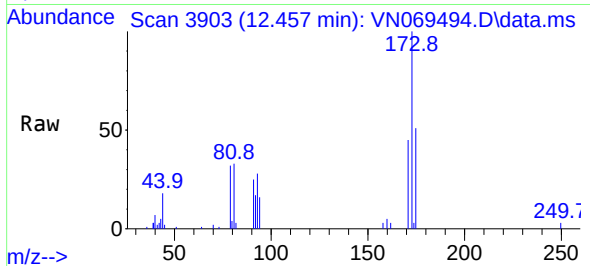
#71
Bromoform
Concen: 3.201 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

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

Tgt Ion:173 Resp: 2221
Ion Ratio Lower Upper
173 100
175 50.2 24.2 72.6
254 0.0 0.0 0.0

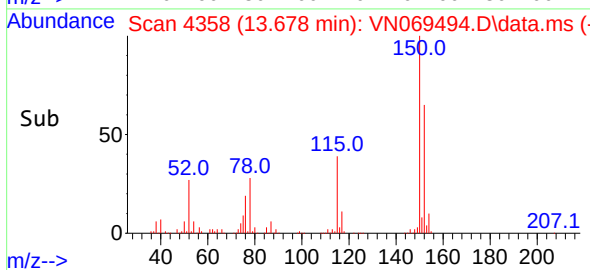
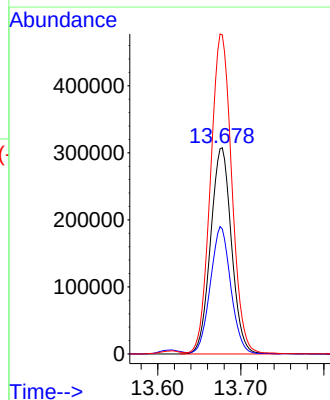
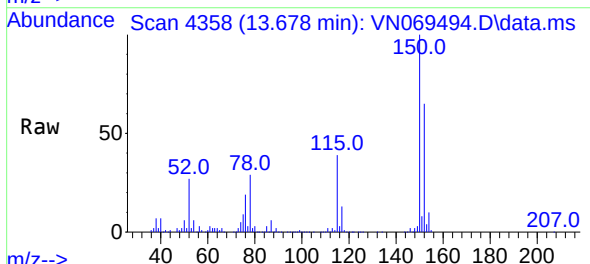
Manual Integrations
APPROVED

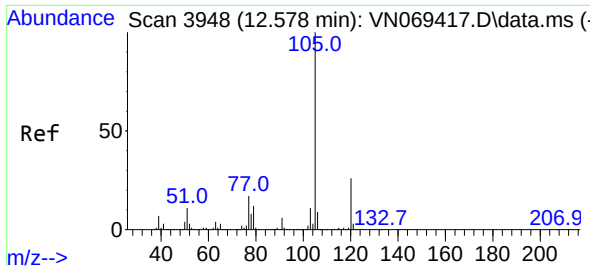
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

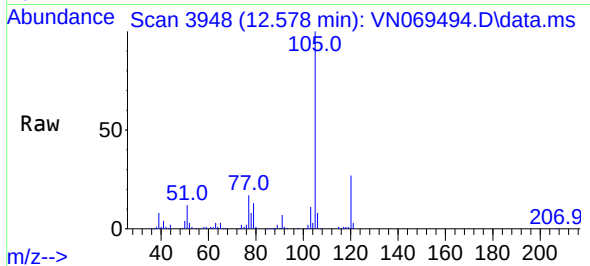
Tgt Ion:152 Resp: 537479
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 158.0 0.0 344.4





#73
Isopropylbenzene
Concen: 4.485 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

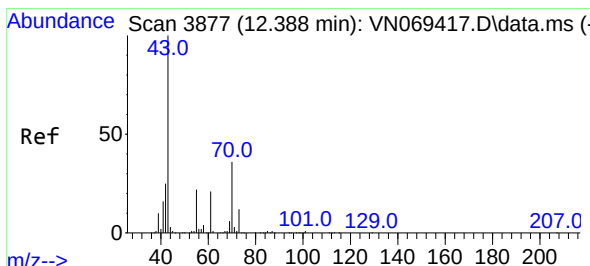
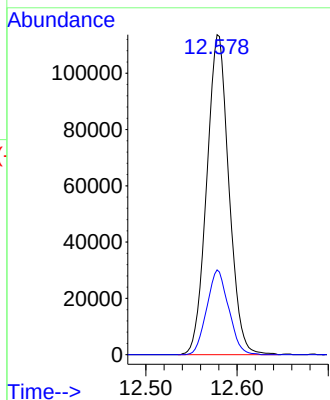
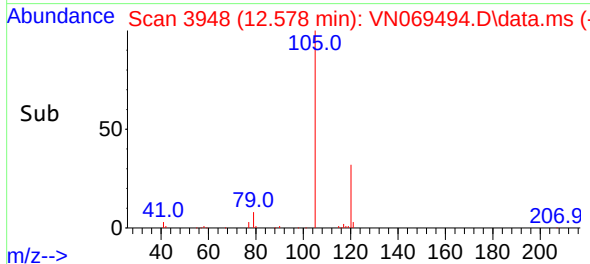
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



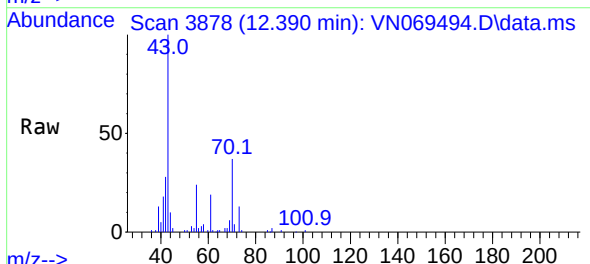
Tgt Ion:105 Resp: 191932
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1

Manual Integrations
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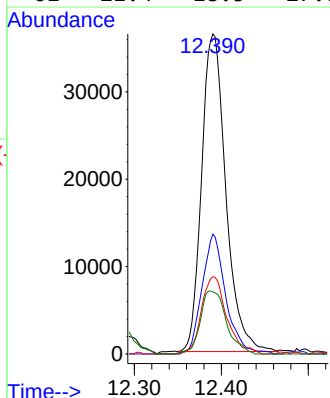
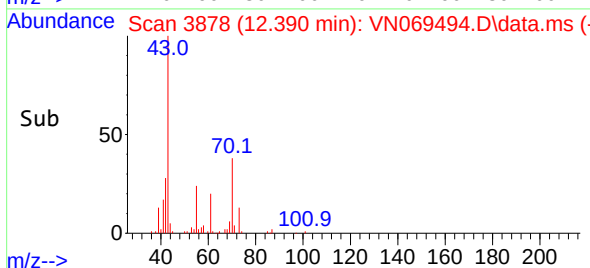
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

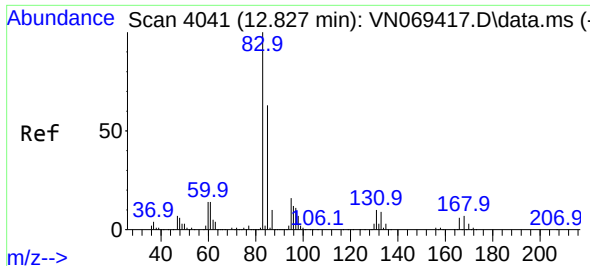


#74
N-ethyl acetate
Concen: 3.885 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32



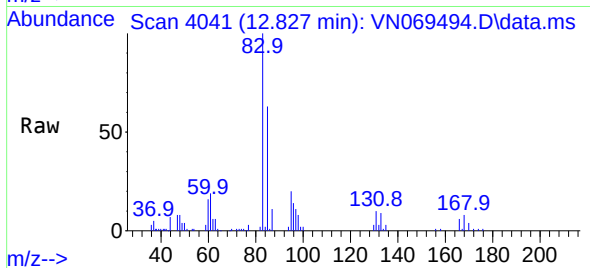
Tgt Ion: 43 Resp: 70462
Ion Ratio Lower Upper
43 100
70 36.9 33.4 50.0
55 25.3 19.3 28.9
61 21.4 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 4.765 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

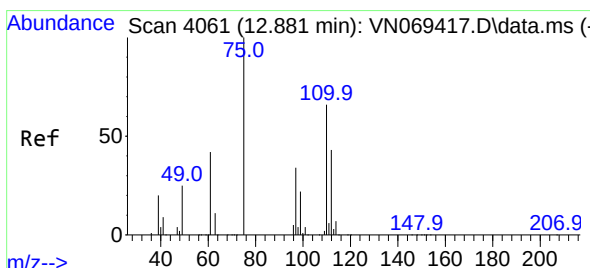
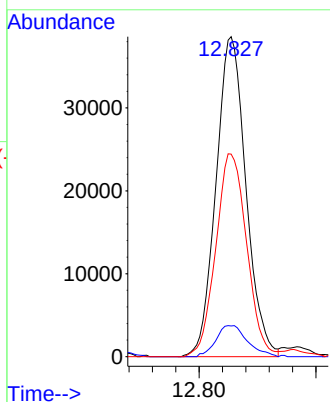
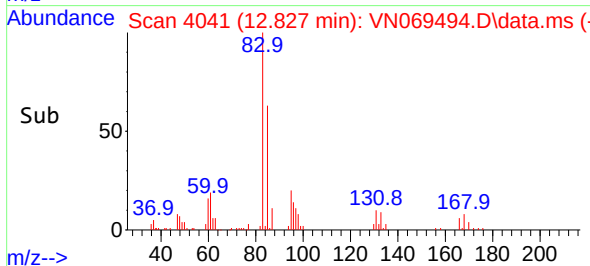
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2021



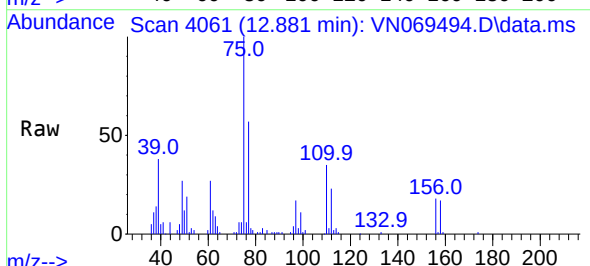
Tgt Ion: 83 Resp: 68769
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.5
85 65.3 32.4 97.2

Manual Integrations
APPROVED

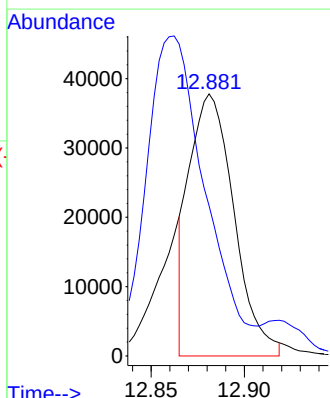
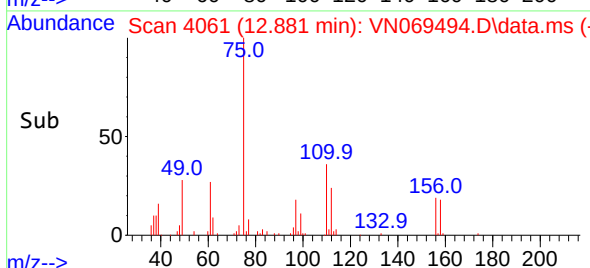
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

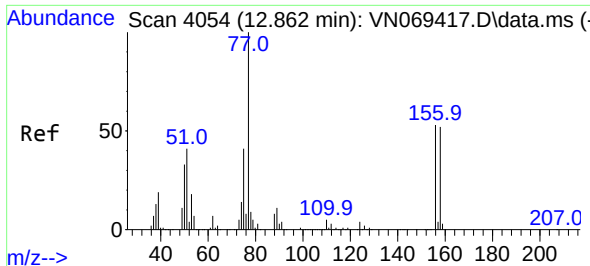


#76
1,2,3-Trichloropropane
Concen: 5.081 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32



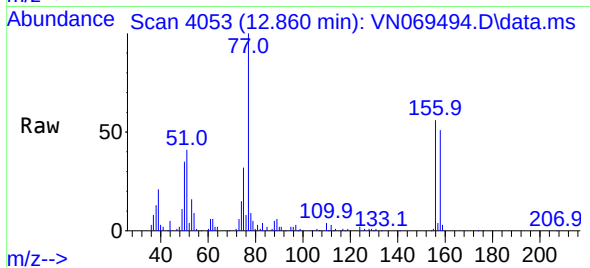
Tgt Ion: 75 Resp: 63029
Ion Ratio Lower Upper
75 100
77 163.0 82.6 247.8





#77
Bromobenzene
Concen: 4.693 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

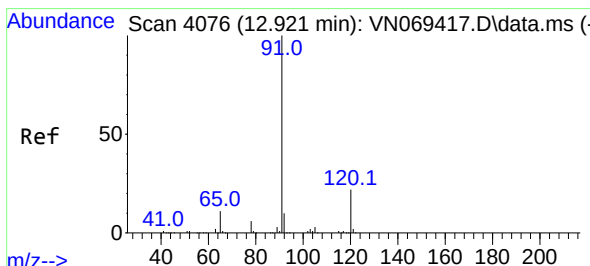
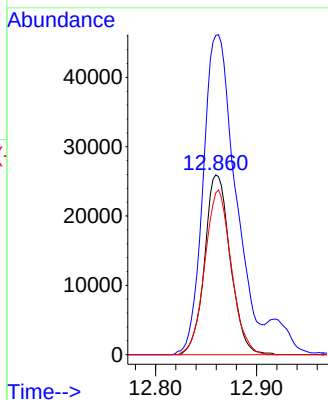
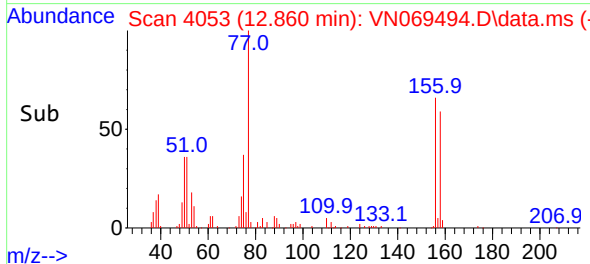
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



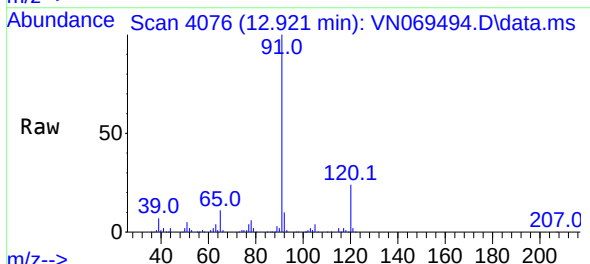
Tgt Ion:156 Resp: 45927
Ion Ratio Lower Upper
156 100
77 223.8 90.6 271.8
158 94.1 48.9 146.7

Manual Integrations
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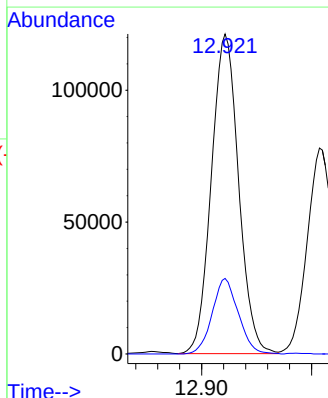
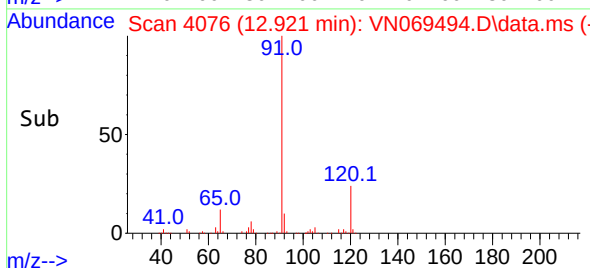
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

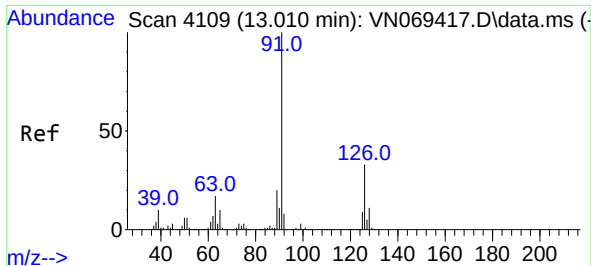


#78
n-propylbenzene
Concen: 4.324 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32



Tgt Ion: 91 Resp: 208224
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9





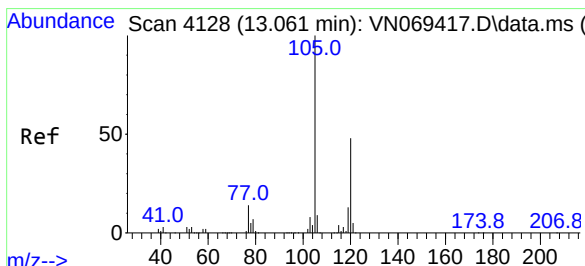
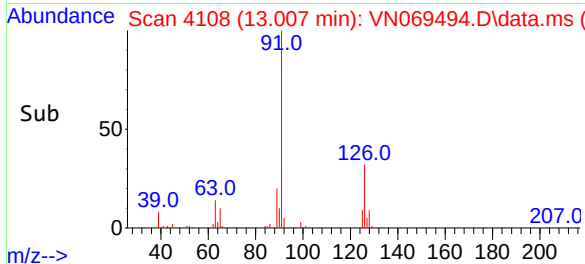
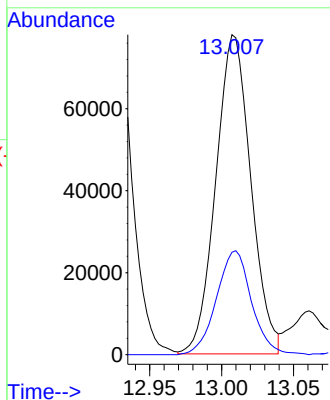
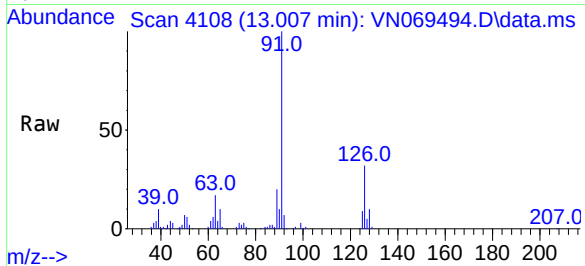
#79
2-Chlorotoluene
Concen: 4.428 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

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

Tgt Ion: 91 Resp: 132020
Ion Ratio Lower Upper
91 100
126 32.6 18.3 54.8

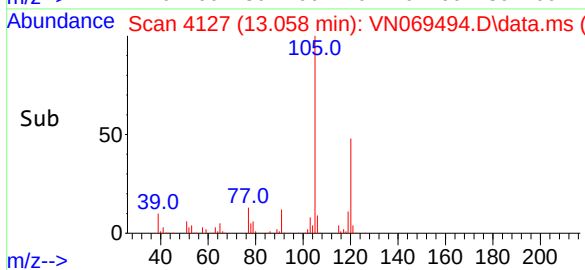
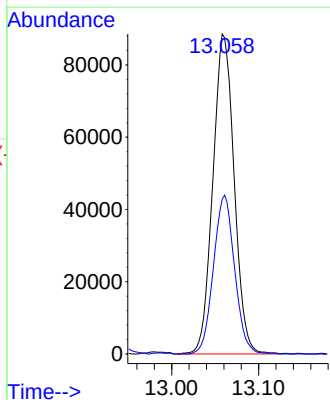
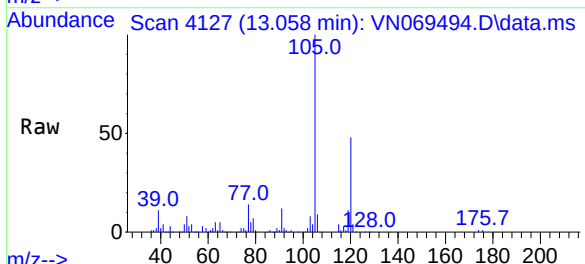
Manual Integrations
APPROVED

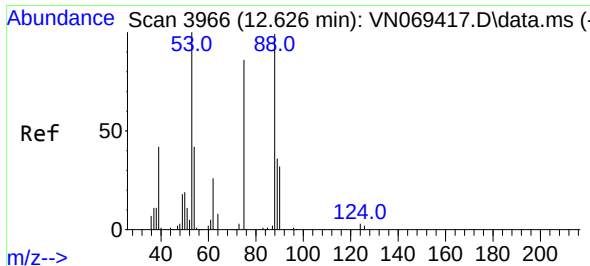
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 4.356 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

Tgt Ion:105 Resp: 150701
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.6





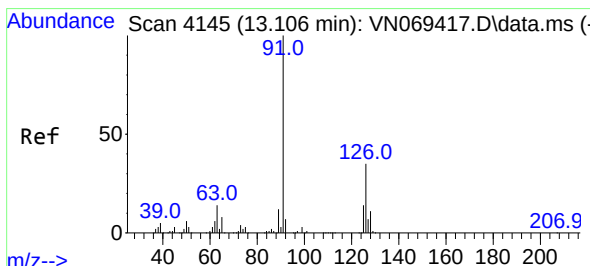
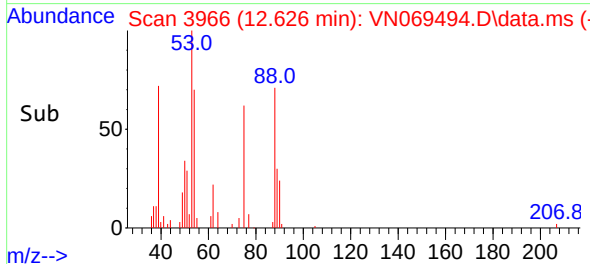
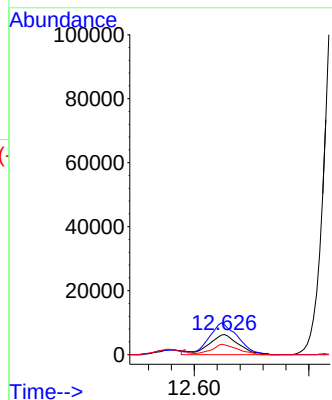
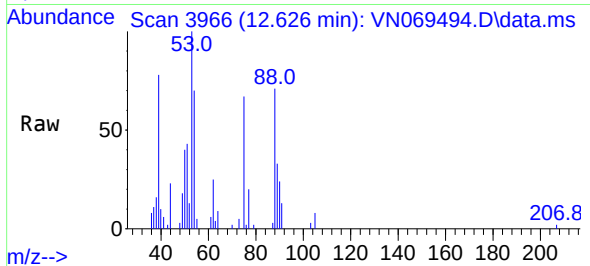
#81
trans-1,4-Dichloro-2-butene
Concen: 3.105 ug/l m
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

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

Tgt Ion: 75 Resp: 11470
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 0.0 38.2 57.4

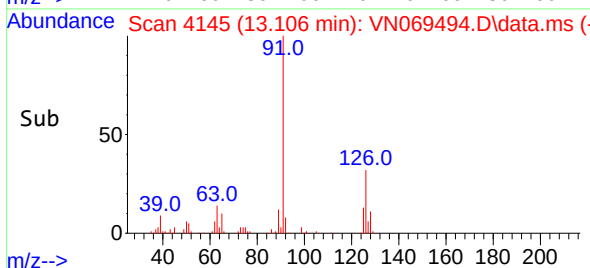
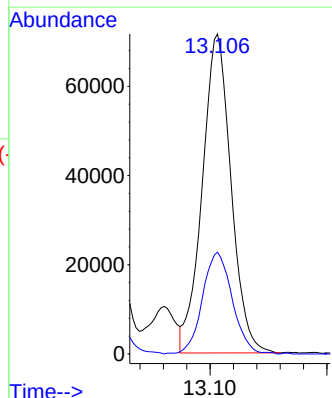
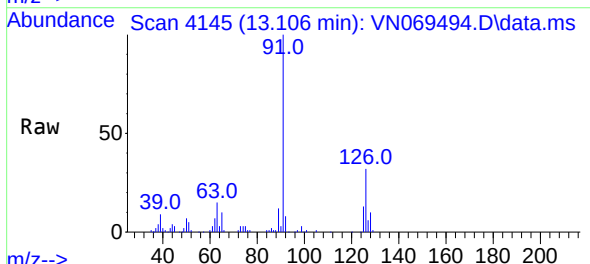
Manual Integrations
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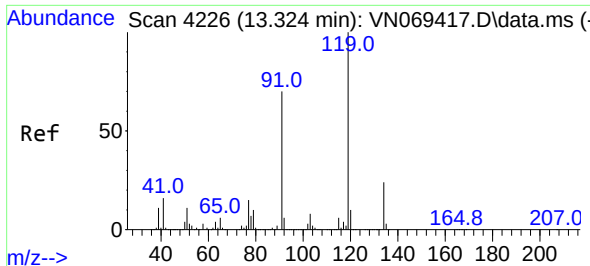
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 4.310 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

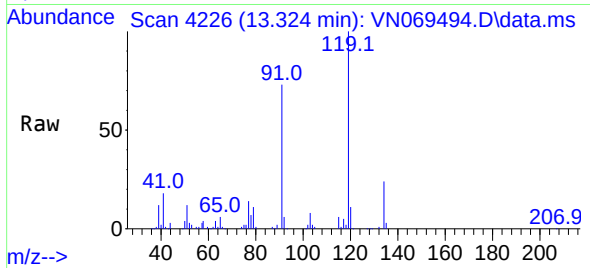
Tgt Ion: 91 Resp: 122492
Ion Ratio Lower Upper
91 100
126 33.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 4.564 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. -0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

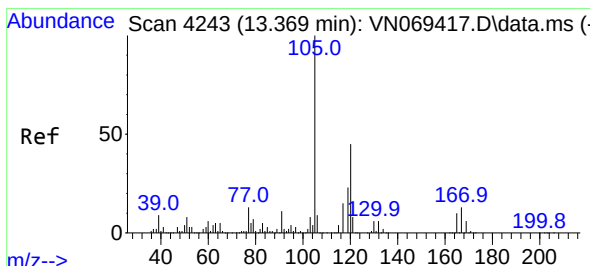
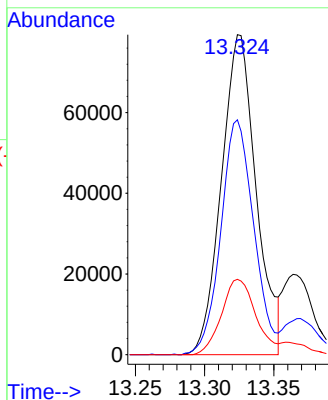
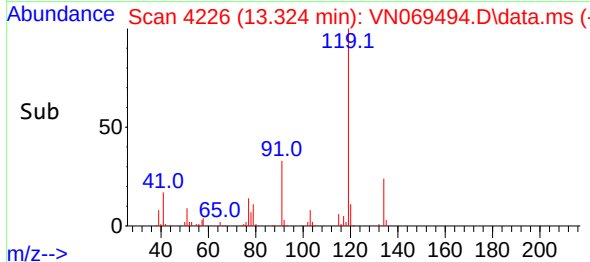
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



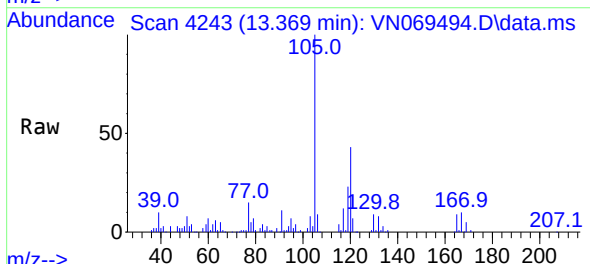
Tgt Ion:119 Resp: 13837
Ion Ratio Lower Upper
119 100
91 69.7 31.5 94.5
134 23.3 12.4 37.4

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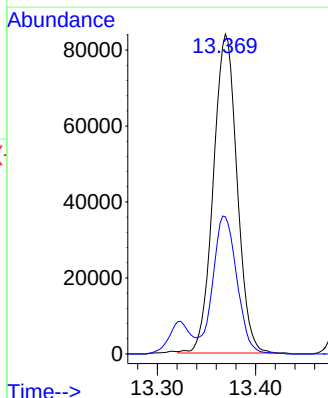
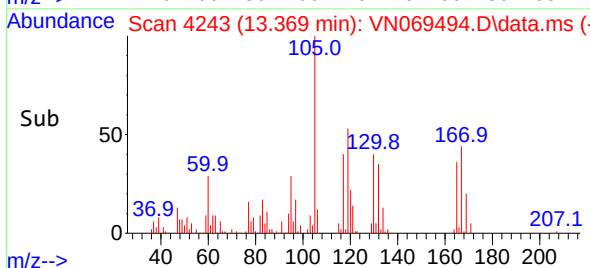
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

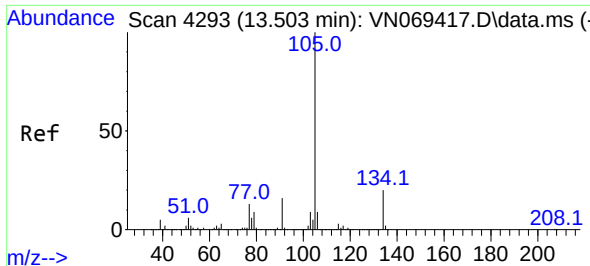


#84
1,2,4-Trimethylbenzene
Concen: 4.222 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32



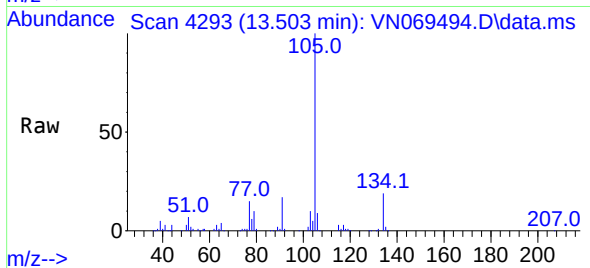
Tgt Ion:105 Resp: 141018
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 4.144 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069494.D
 Acq: 15 Nov 2021 16:32

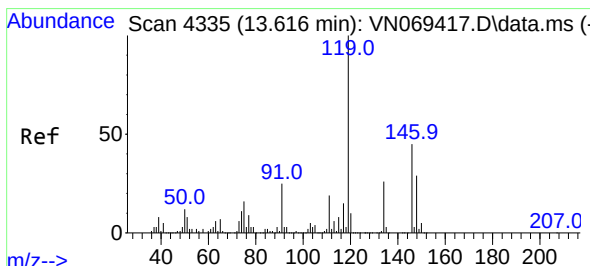
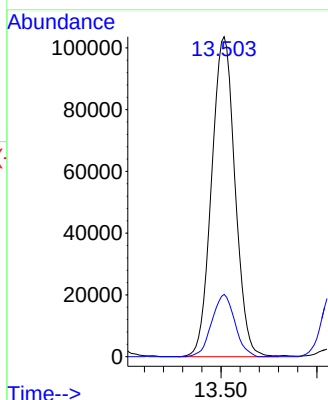
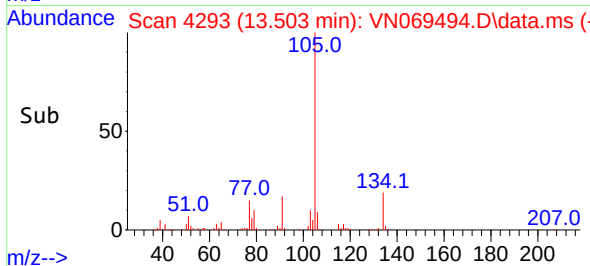
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



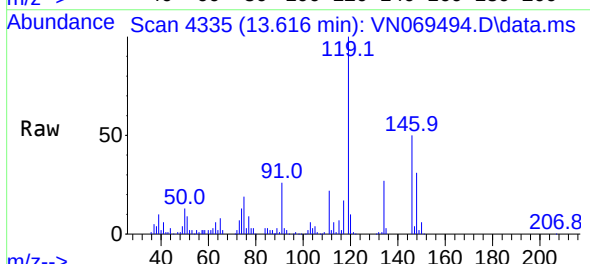
Tgt Ion:105 Resp: 175490
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

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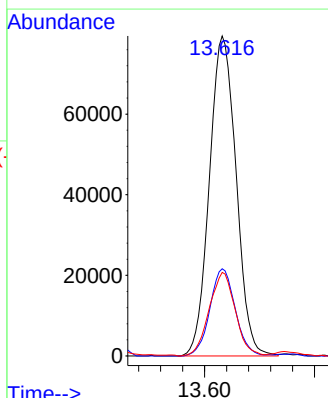
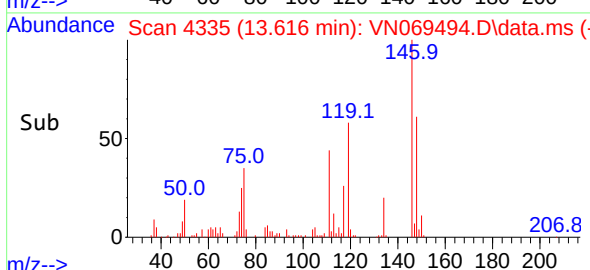
Reviewed By :John Carlone 11/16/2021
 Supervised By :Mahesh Dadoda 11/18/2021

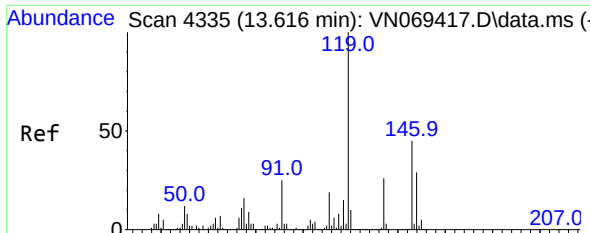


#86
 p-Isopropyltoluene
 Concen: 3.983 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069494.D
 Acq: 15 Nov 2021 16:32



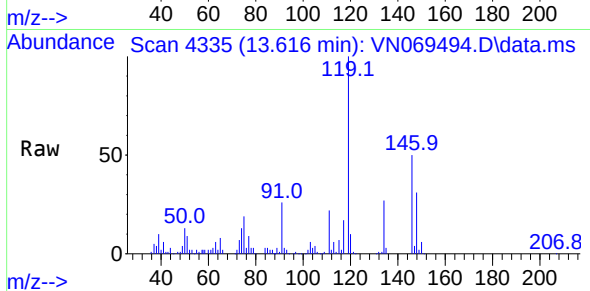
Tgt Ion:119 Resp: 133904
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 25.4 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 4.202 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

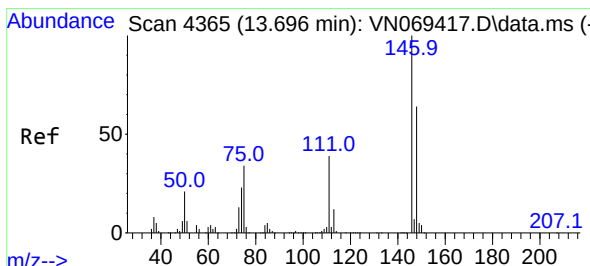
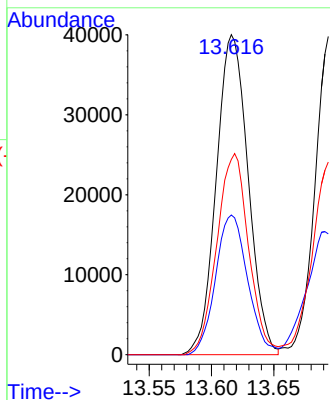
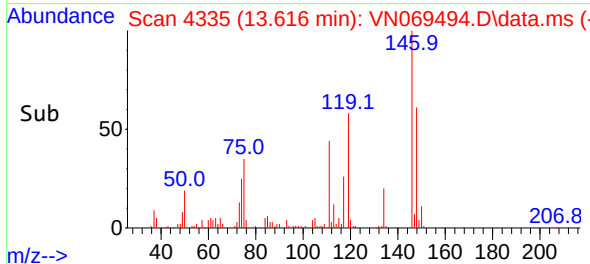
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



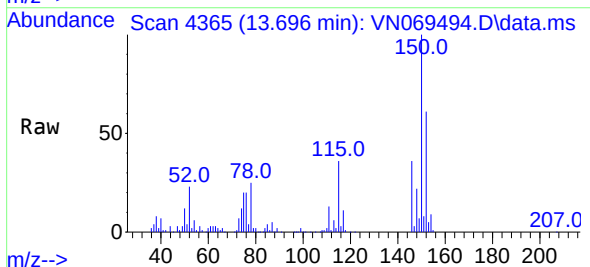
Tgt Ion:146 Resp: 71300
Ion Ratio Lower Upper
146 100
111 44.1 18.6 55.6
148 62.8 31.6 95.0

Manual Integrations
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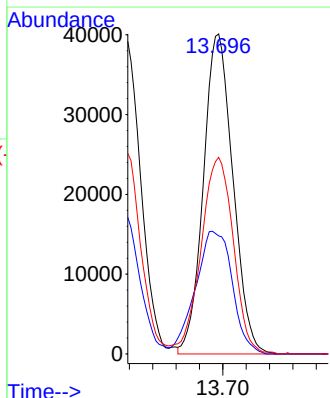
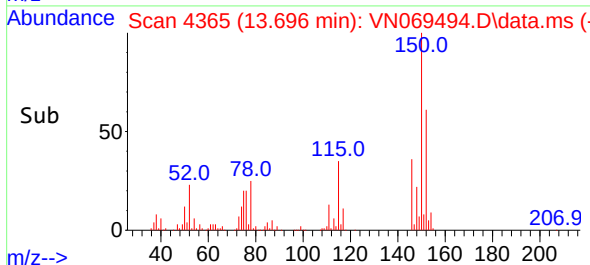
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

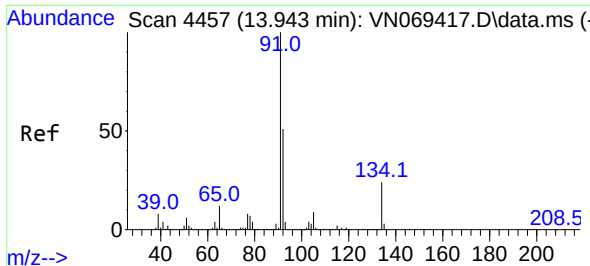


#88
1,4-Dichlorobenzene
Concen: 4.241 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32



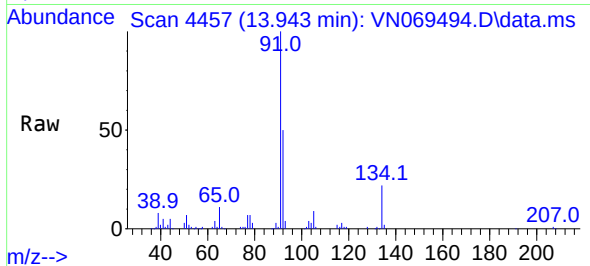
Tgt Ion:146 Resp: 70589
Ion Ratio Lower Upper
146 100
111 47.8 18.3 54.8
148 67.3 31.8 95.4





#89
n-Butylbenzene
Concen: 3.616 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

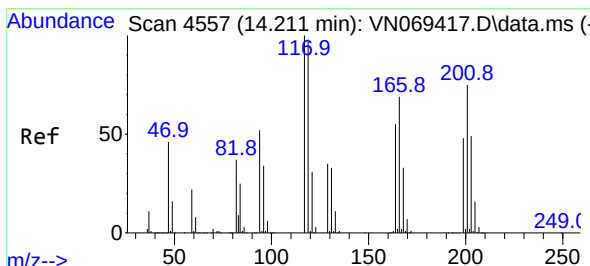
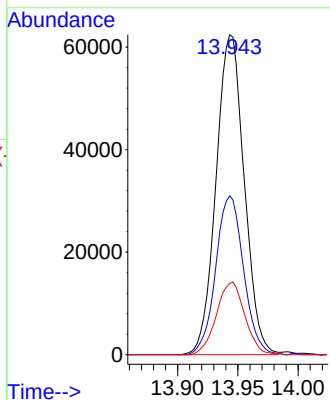
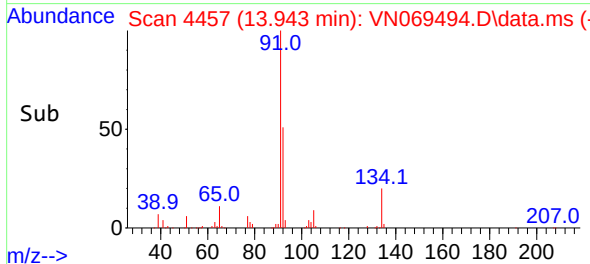
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 91 Resp: 101370
Ion Ratio Lower Upper
91 100
92 49.0 25.4 76.0
134 22.9 13.6 40.8

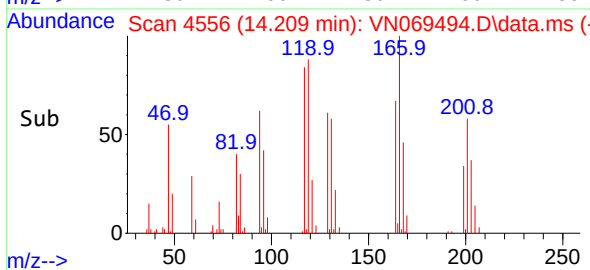
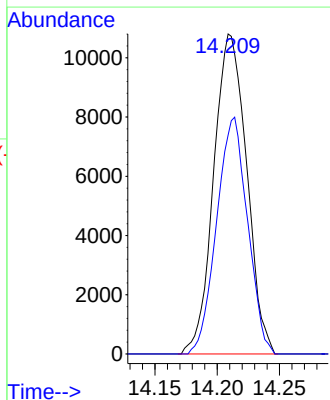
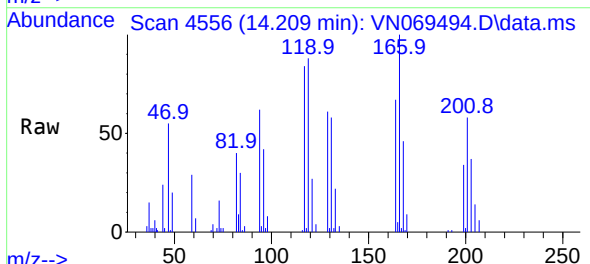
Manual Integrations
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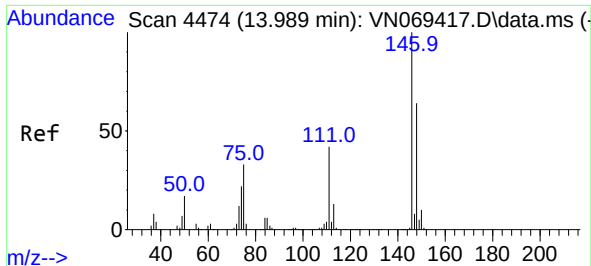
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 3.604 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.002 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

Tgt Ion:117 Resp: 19866
Ion Ratio Lower Upper
117 100
201 69.5 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 4.520 ug/l

RT: 13.989 min Scan# 4474

Delta R.T. -0.000 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

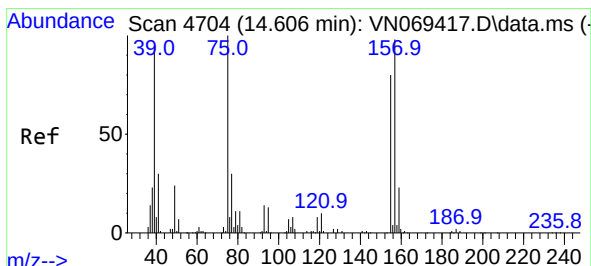
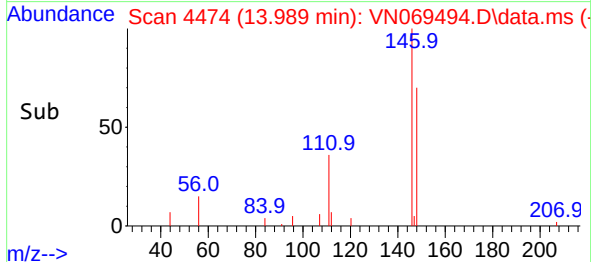
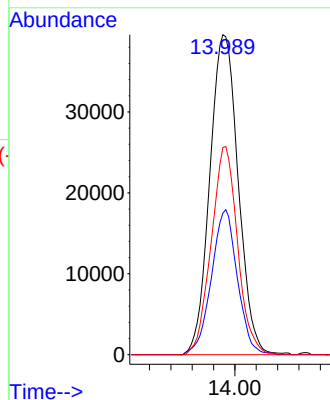
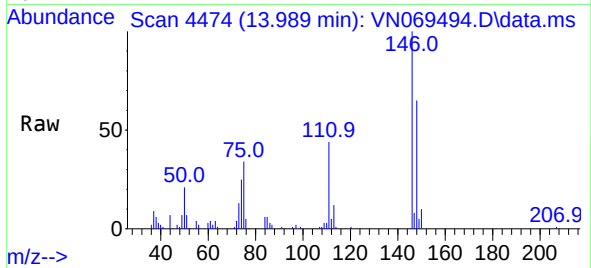
Tgt Ion:	146	Resp:	7298
Ion Ratio	Lower	Upper	
146	100		
111	41.6	19.1	57.3
148	60.5	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.725 ug/l

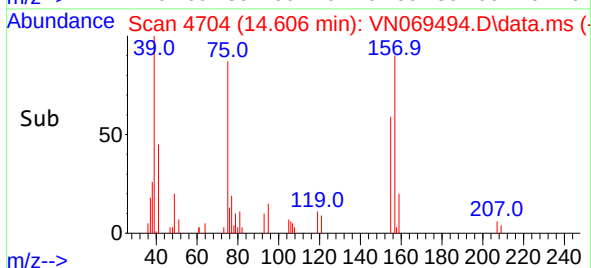
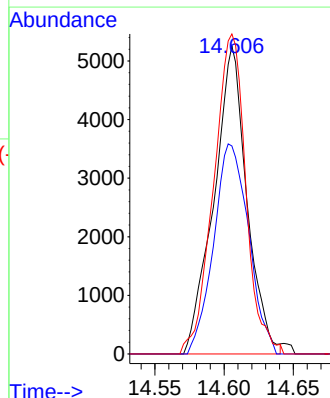
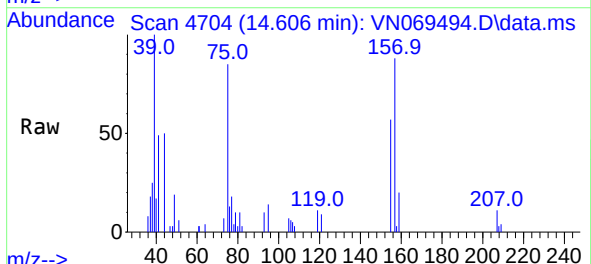
RT: 14.606 min Scan# 4704

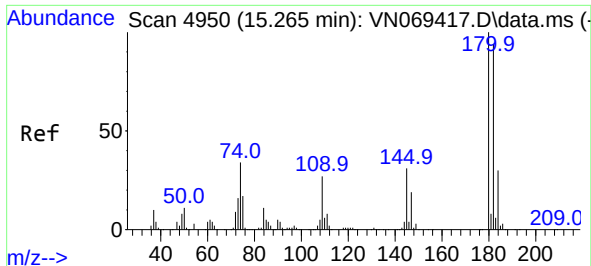
Delta R.T. -0.000 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

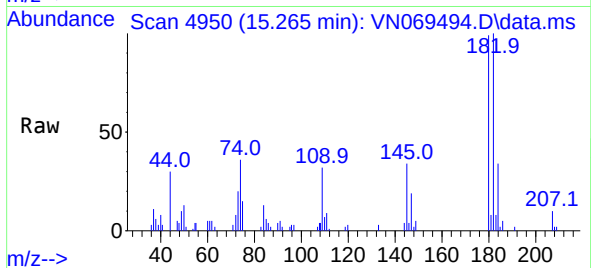
Tgt Ion:	75	Resp:	8688
Ion Ratio	Lower	Upper	
75	100		
155	72.4	46.9	140.7
157	101.4	60.6	181.7





#93
1,2,4-Trichlorobenzene
Concen: 3.081 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

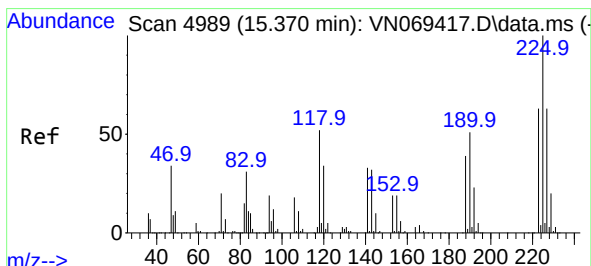
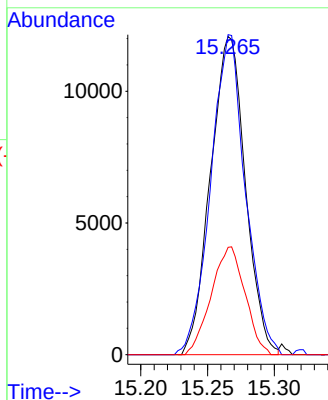
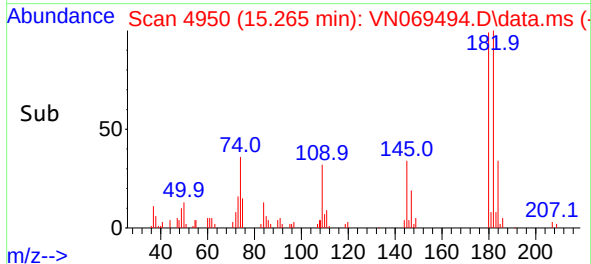
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



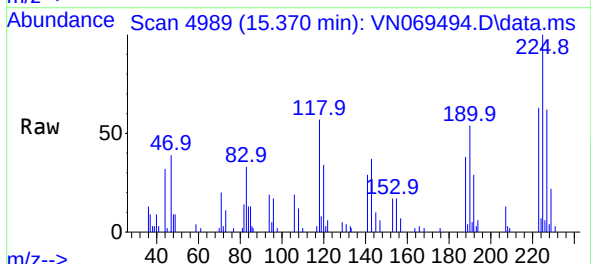
Tgt Ion:180 Resp: 21918
Ion Ratio Lower Upper
180 100
182 99.8 48.3 144.9
145 32.8 14.5 43.5

Manual Integrations
APPROVED

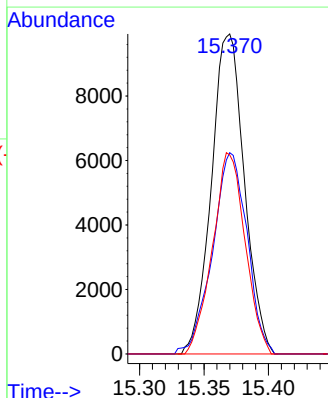
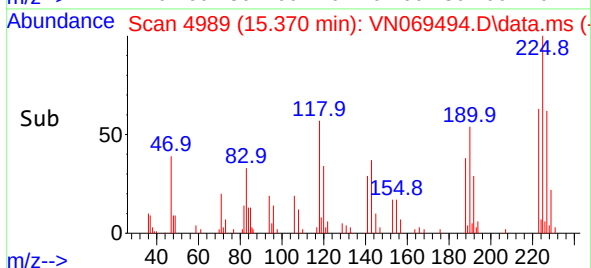
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

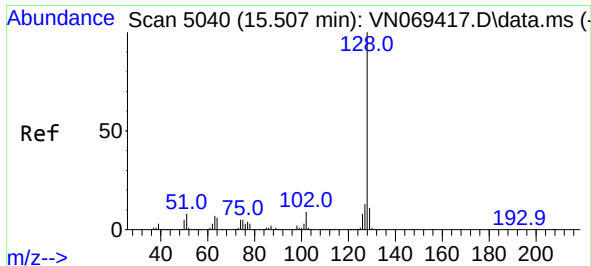


#94
Hexachlorobutadiene
Concen: 4.216 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32



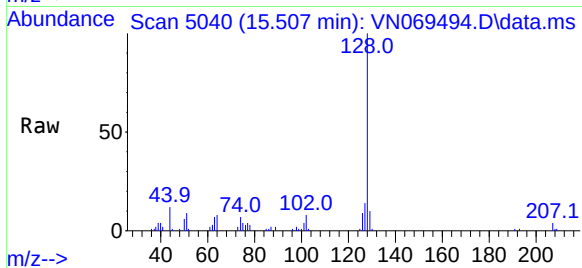
Tgt Ion:225 Resp: 17688
Ion Ratio Lower Upper
225 100
223 65.6 31.9 95.7
227 62.0 32.1 96.3





#95
Naphthalene
Concen: 2.743 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32

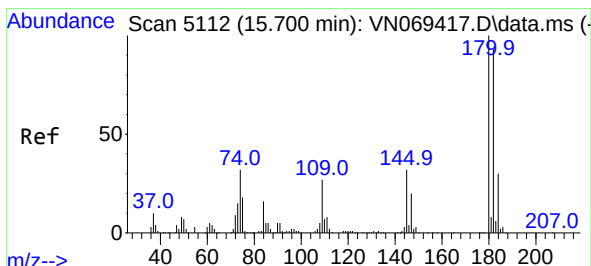
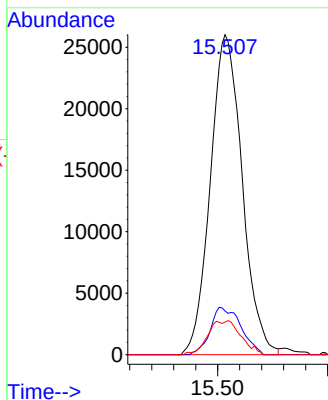
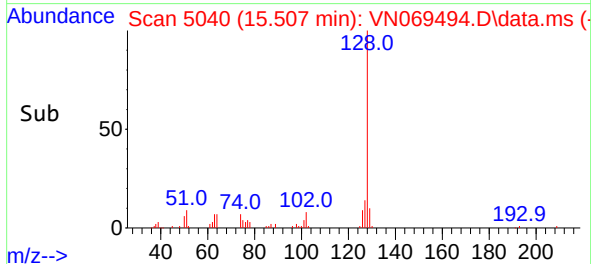
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



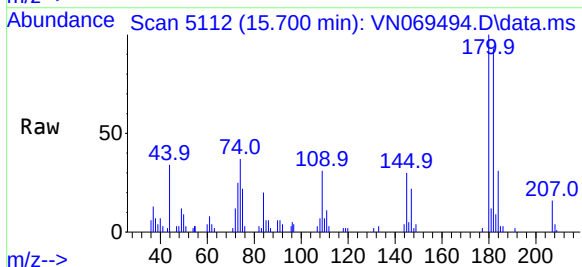
Tgt Ion:128 Resp: 52330
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 5.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 3.085 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069494.D
Acq: 15 Nov 2021 16:32



Tgt Ion:180 Resp: 21020
Ion Ratio Lower Upper
180 100
182 99.4 47.4 142.2
145 33.8 15.0 45.1

