

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111721\
 Data File : VN069535.D
 Acq On : 17 Nov 2021 17:28
 Operator : JC/MD
 Sample : M4068-08 5.0PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Nov 18 08:10:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 08:10:30 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	957279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1633503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1487970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	532600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	768092	55.338	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.680%			
35) Dibromofluoromethane	8.021	113	515400	52.608	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.220%			
50) Toluene-d8	10.443	98	2006781	52.081	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.160%			
62) 4-Bromofluorobenzene	12.733	95	663593	46.880	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	39814	3.893	ug/l	98
3) Chloromethane	2.303	50	54036	4.556	ug/l	98
4) Vinyl Chloride	2.443	62	50091	4.218	ug/l	97
5) Bromomethane	2.837	94	31907	4.137	ug/l	93
6) Chloroethane	3.011	64	34955	4.361	ug/l	91
7) Trichlorofluoromethane	3.371	101	73827	4.022	ug/l	97
8) Diethyl Ether	3.824	74	24955	4.202	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.197	101	37315	4.316	ug/l #	67
10) Methyl Iodide	4.422	142	44967	4.240	ug/l #	94
11) Tert butyl alcohol	5.390	59	54986m	21.985	ug/l	
12) 1,1-Dichloroethene	4.175	96	33472	4.314	ug/l	86
13) Acrolein	4.038	56	11621m	29.575	ug/l	
14) Allyl chloride	4.840	41	69023	4.024	ug/l	96
15) Acrylonitrile	5.559	53	149710	23.374	ug/l	99
16) Acetone	4.293	43	166836	22.278	ug/l	96
17) Carbon Disulfide	4.519	76	66678	3.636	ug/l	98
18) Methyl Acetate	4.856	43	115568	4.747	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	139552	4.250	ug/l	99
20) Methylene Chloride	5.095	84	49056	4.619	ug/l #	80
21) trans-1,2-Dichloroethene	5.597	96	36907	4.259	ug/l	85
22) Diisopropyl ether	6.500	45	158250	4.283	ug/l	98
23) Vinyl Acetate	6.436	43	564475	19.751	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	81906	4.352	ug/l	95
25) 2-Butanone	7.343	43	231062	22.786	ug/l	94
26) 2,2-Dichloropropane	7.327	77	57109	3.878	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	46734	4.350	ug/l	85
28) Bromochloromethane	7.659	49	52668	5.464	ug/l	82
29) Tetrahydrofuran	7.691	42	142206	22.852	ug/l	90
30) Chloroform	7.820	83	85917	4.453	ug/l	97
31) Cyclohexane	8.091	56	98522	5.196	ug/l #	85
32) 1,1,1-Trichloroethane	8.016	97	66858	4.151	ug/l	95
36) 1,1-Dichloropropene	8.222	75	59554	4.333	ug/l	94
37) Ethyl Acetate	7.418	43	85856m	4.621	ug/l	
38) Carbon Tetrachloride	8.204	117	52616	3.965	ug/l	94
39) Methylcyclohexane	9.459	83	66254	3.875	ug/l #	87
40) Benzene	8.458	78	190709	4.495	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	39355	4.099	ug/l	91
42) 1,2-Dichloroethane	8.528	62	77144	4.644	ug/l	98
43) Isopropyl Acetate	8.566	43	127774	4.281	ug/l #	93
44) Trichloroethene	9.217	130	43474	4.282	ug/l	99
45) 1,2-Dichloropropane	9.491	63	49783	4.392	ug/l	97
46) Dibromomethane	9.579	93	33175	4.370	ug/l	90
47) Bromodichloromethane	9.764	83	54988	3.881	ug/l	98
48) Methyl methacrylate	9.563	41	63204m	4.501	ug/l	
49) 1,4-Dioxane	9.574	88	21327	85.164	ug/l #	88
51) 4-Methyl-2-Pentanone	10.333	43	422149	21.915	ug/l	94
52) Toluene	10.505	92	113429	4.292	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	50764	3.429	ug/l	94
54) cis-1,3-Dichloropropene	10.188	75	58355	3.612	ug/l #	87
55) 1,1,2-Trichloroethane	10.902	97	47161	4.426	ug/l	96
56) Ethyl methacrylate	10.762	69	69997	3.968	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	80212	4.284	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	87185	21.330	ug/l	92
59) 2-Hexanone	11.087	43	311685	21.711	ug/l	91
60) Dibromochloromethane	11.240	129	35191	3.529	ug/l	99
61) 1,2-Dibromoethane	11.347	107	45128	4.183	ug/l	96
64) Tetrachloroethene	10.979	164	41621	4.633	ug/l	95
65) Chlorobenzene	11.771	112	118780	4.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	37946	3.950	ug/l	97
67) Ethyl Benzene	11.846	91	209857	4.108	ug/l	96
68) m/p-Xylenes	11.953	106	150073	7.988	ug/l	94
69) o-Xylene	12.280	106	76897	4.106	ug/l	96
70) Styrene	12.296	104	117006	3.889	ug/l	97
71) Bromoform	12.460	173	22511	3.284	ug/l #	99
73) Isopropylbenzene	12.581	105	195780	4.617	ug/l	97
74) N-amyl acetate	12.390	43	75900	4.223	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	72550	5.073	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	65134m	5.299	ug/l	
77) Bromobenzene	12.862	156	47707	4.919	ug/l	82
78) n-propylbenzene	12.921	91	208161	4.362	ug/l	97
79) 2-Chlorotoluene	13.007	91	135169	4.575	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	153857	4.488	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	11109m	3.033	ug/l	
82) 4-Chlorotoluene	13.106	91	122789	4.360	ug/l	92
83) tert-Butylbenzene	13.323	119	135510	4.511	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	142652	4.310	ug/l	97
85) sec-Butylbenzene	13.503	105	178403	4.251	ug/l	96
86) p-Isopropyltoluene	13.616	119	136741	4.105	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	72167	4.292	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	71334	4.325	ug/l	87
89) n-Butylbenzene	13.943	91	103233	3.716	ug/l	97
90) Hexachloroethane	14.208	117	19547	3.578	ug/l	85
91) 1,2-Dichlorobenzene	13.991	146	71441	4.465	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.608	75	9579	4.145	ug/l	79
93) 1,2,4-Trichlorobenzene	15.262	180	26924	3.819	ug/l	96
94) Hexachlorobutadiene	15.370	225	19383	4.662	ug/l	100
95) Naphthalene	15.507	128	70827	3.747	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	27973	4.144	ug/l	96

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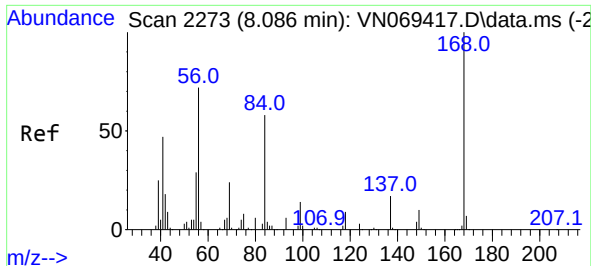
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

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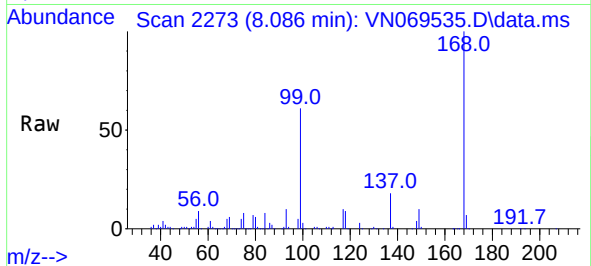
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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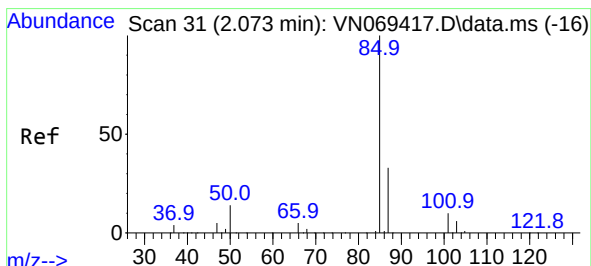
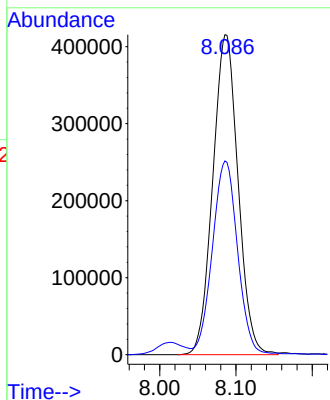
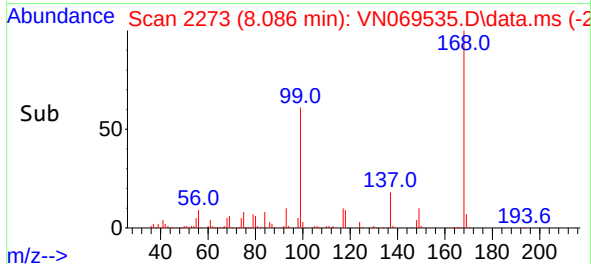
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:168 Resp: 957279
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9

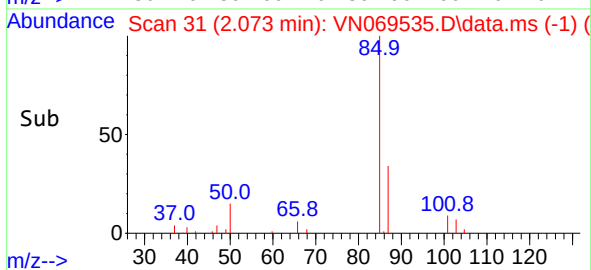
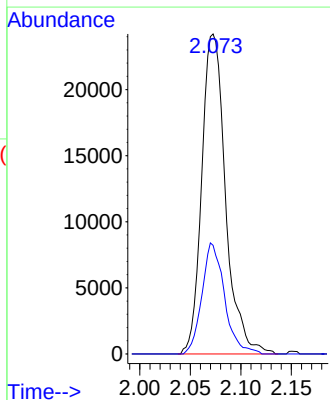
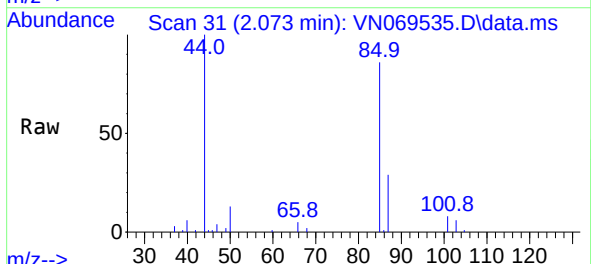
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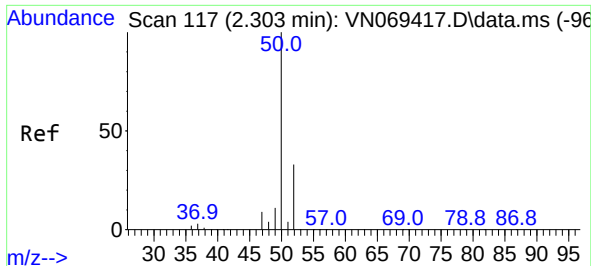
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#2
Dichlorodifluoromethane
Concen: 3.893 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

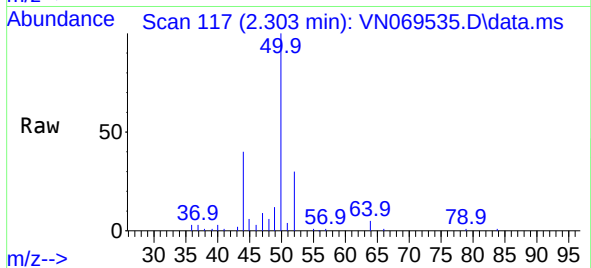
Tgt Ion: 85 Resp: 39814
Ion Ratio Lower Upper
85 100
87 33.9 16.3 48.9





#3
Chloromethane
Concen: 4.556 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

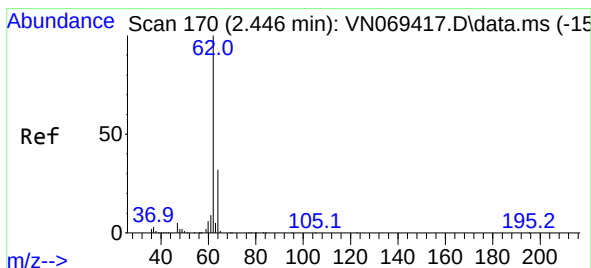
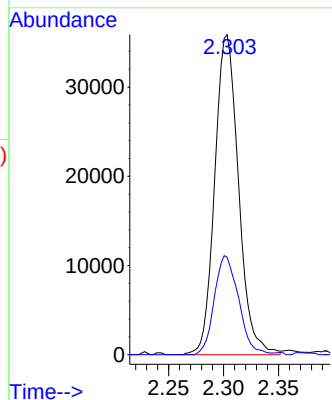
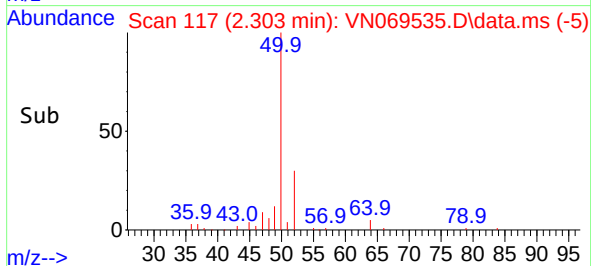
Instrument :
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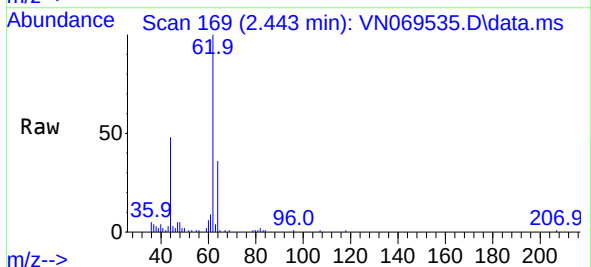
Tgt Ion: 50 Resp: 54030
Ion Ratio Lower Upper
50 100
52 30.5 25.4 38.0

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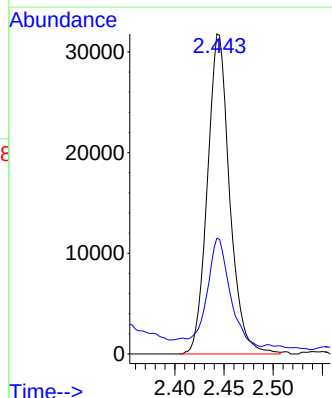
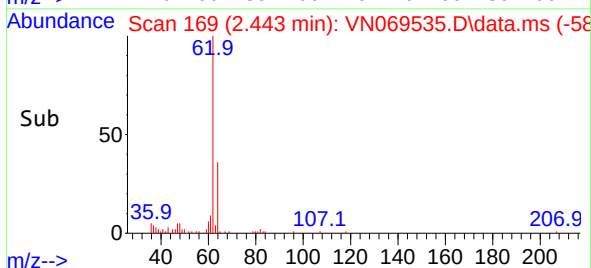
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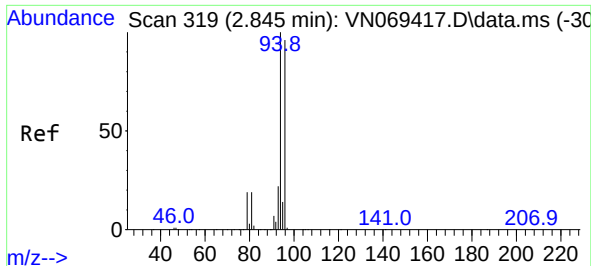


#4
Vinyl Chloride
Concen: 4.218 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.003 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28



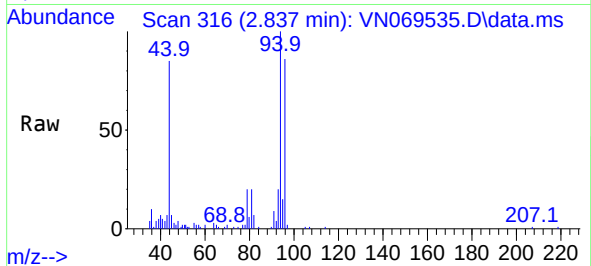
Tgt Ion: 62 Resp: 50091
Ion Ratio Lower Upper
62 100
64 33.6 25.8 38.6





#5
Bromomethane
Concen: 4.137 ug/l
RT: 2.837 min Scan# 319
Delta R.T. -0.008 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

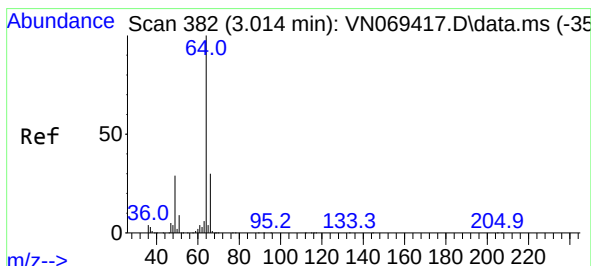
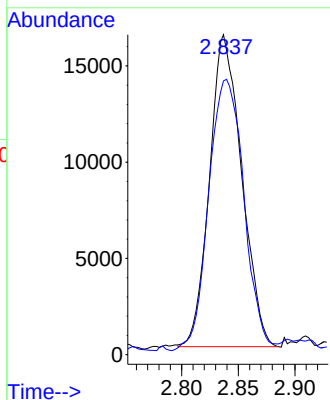
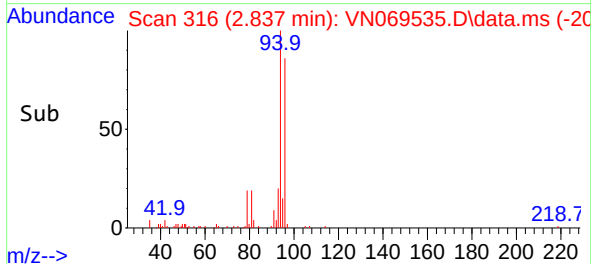
Instrument : MSVOA_N
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Tgt Ion: 94 Resp: 3190
Ion Ratio Lower Upper
94 100
96 85.5 73.8 110.8

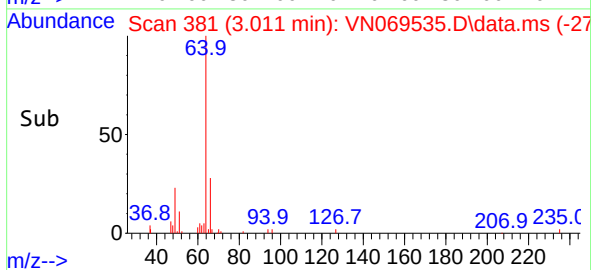
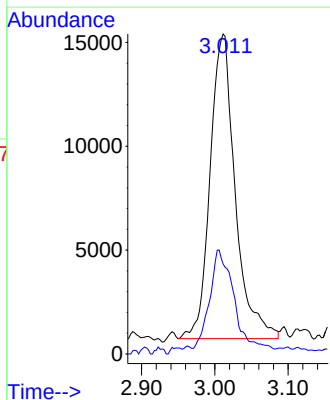
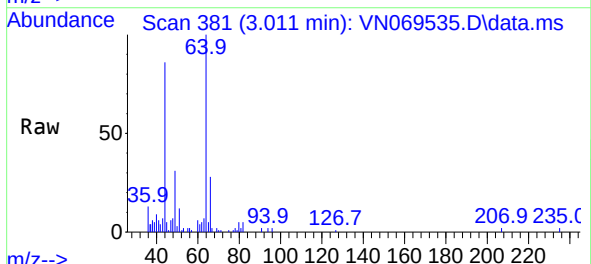
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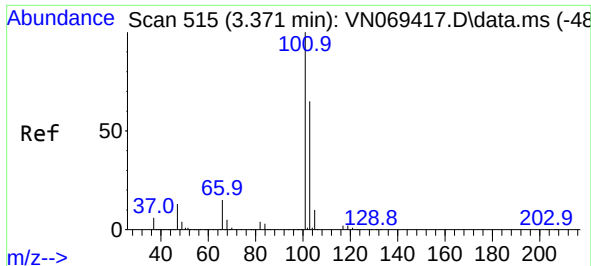
Reviewed By :John Carlone 11/18/2021
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#6
Chloroethane
Concen: 4.361 ug/l
RT: 3.011 min Scan# 381
Delta R.T. -0.003 min
Lab File: VN069535.D
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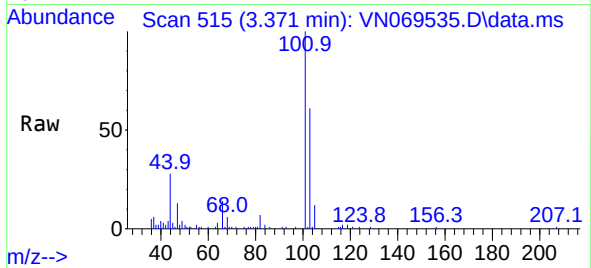
Tgt Ion: 64 Resp: 34955
Ion Ratio Lower Upper
64 100
66 27.7 26.3 39.5





#7
Trichlorofluoromethane
Concen: 4.022 ug/l
RT: 3.371 min Scan# 515
Delta R.T. -0.000 min
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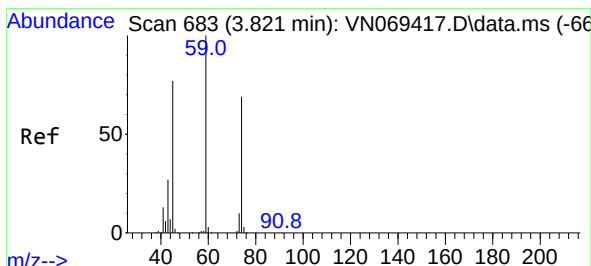
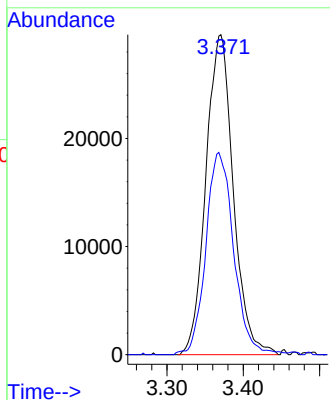
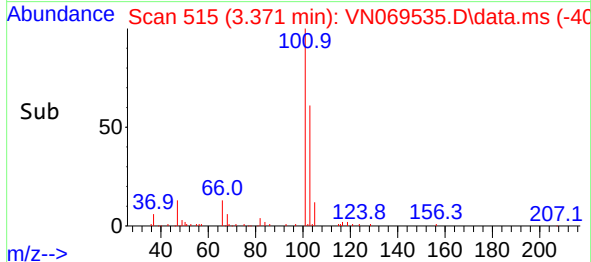
Instrument :
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LOQ-WATER-02-QT4-2021



Tgt Ion:101 Resp: 7382
Ion Ratio Lower Upper
101 100
103 60.4 50.1 75.1

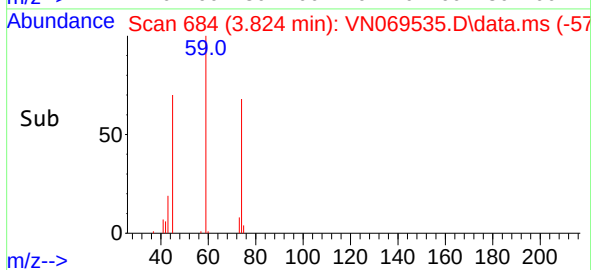
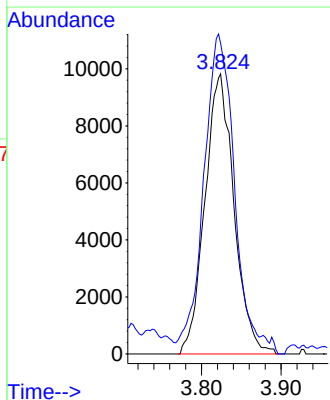
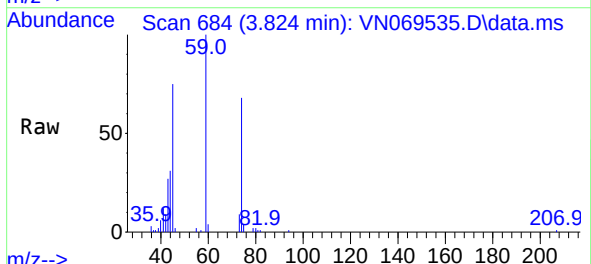
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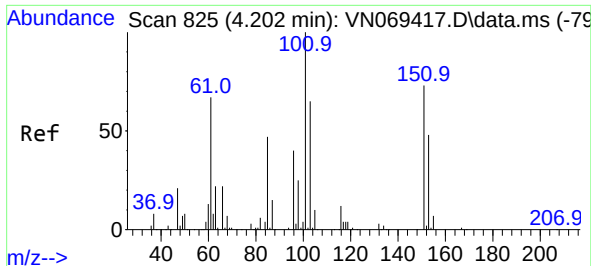
Reviewed By :John Carlone 11/18/2021
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#8
Diethyl Ether
Concen: 4.202 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 24955
Ion Ratio Lower Upper
74 100
45 109.7 47.0 141.2





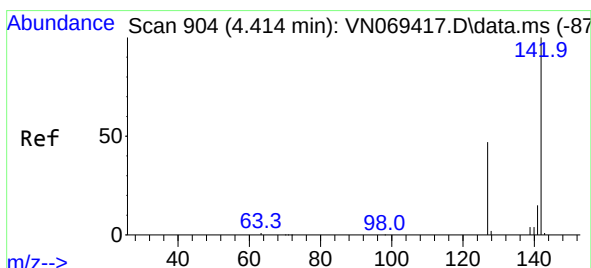
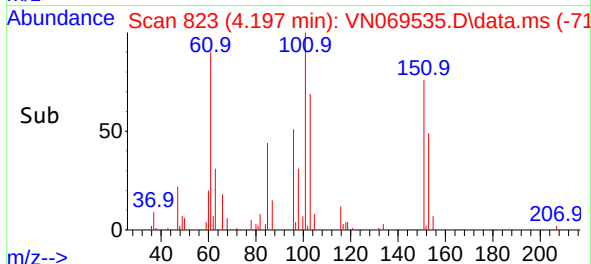
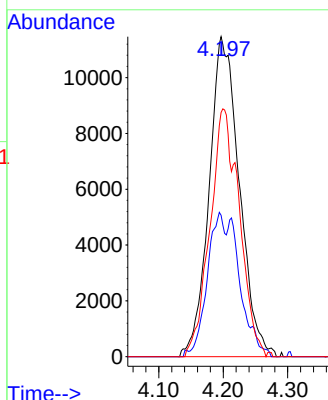
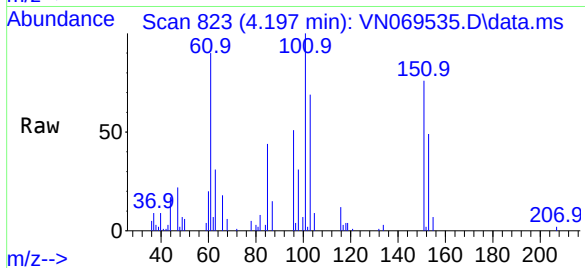
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.316 ug/l
RT: 4.197 min Scan# 81
Delta R.T. -0.005 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

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

Tgt Ion:101 Resp: 3731
Ion Ratio Lower Upper
101 100
85 25.3 37.2 55.8
151 51.9 65.9 98.9

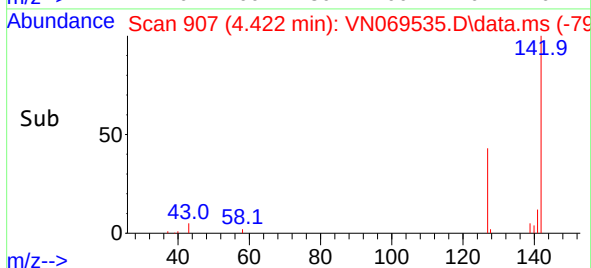
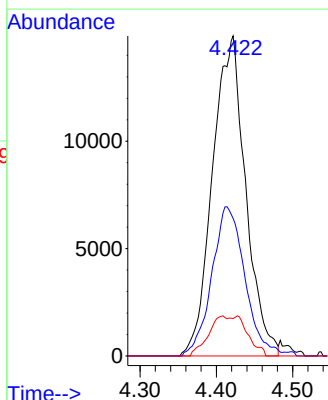
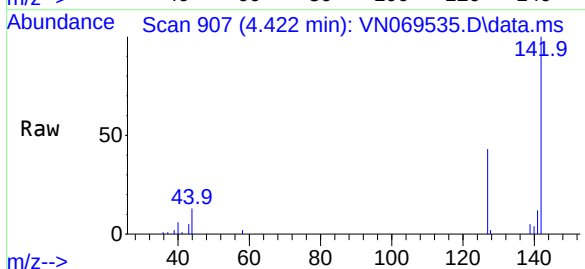
Manual Integrations
APPROVED

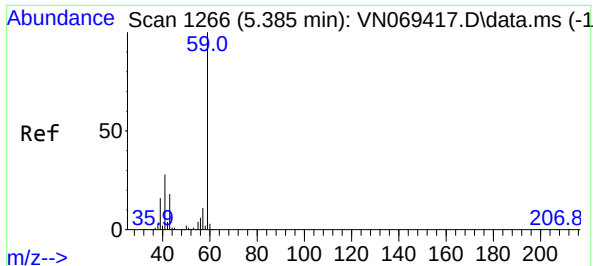
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 4.240 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

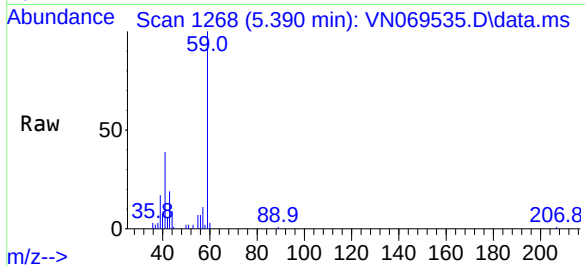
Tgt Ion:142 Resp: 44967
Ion Ratio Lower Upper
142 100
127 46.6 35.4 53.0
141 8.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 21.985 ug/l m
RT: 5.390 min Scan# 1266
Delta R.T. 0.005 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

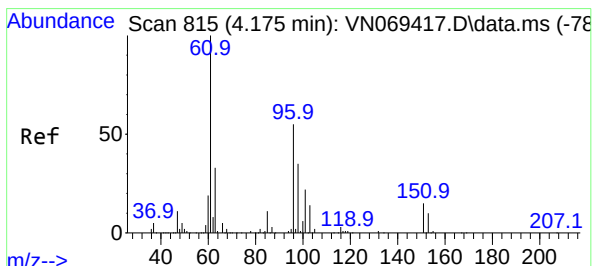
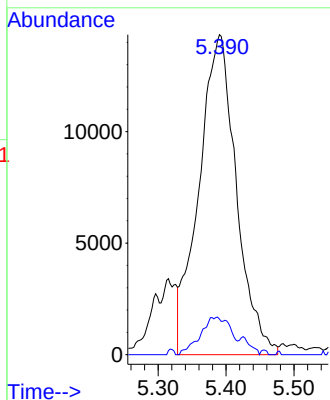
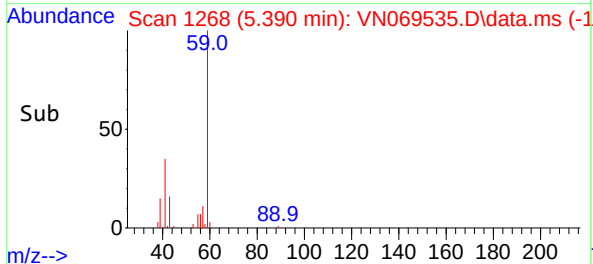
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 59 Resp: 5498
Ion Ratio Lower Upper
59 100
57 4.6 8.7 13.1

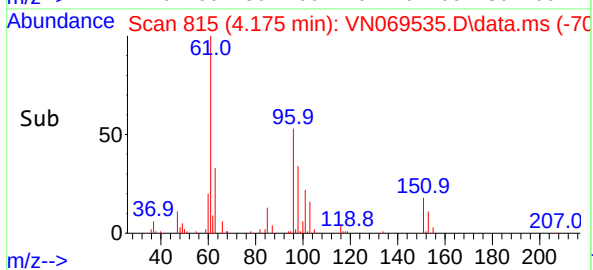
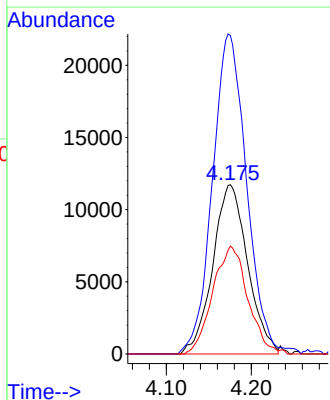
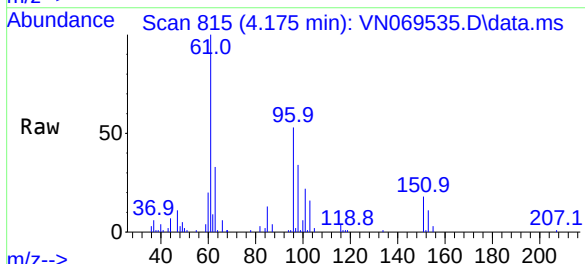
Manual Integrations
APPROVED

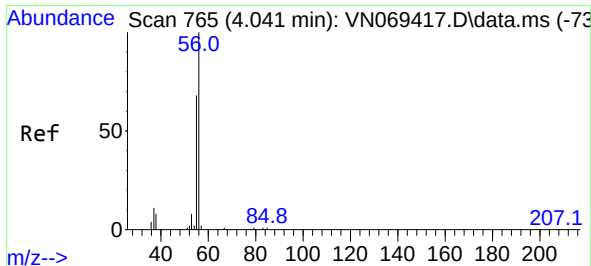
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#12
1,1-Dichloroethene
Concen: 4.314 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

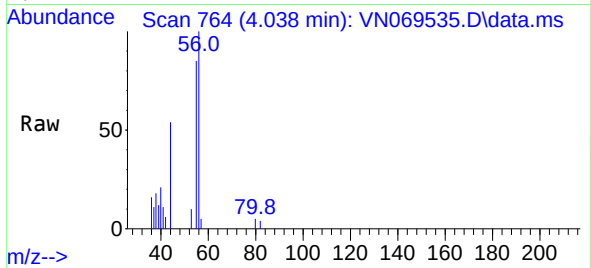
Tgt Ion: 96 Resp: 33472
Ion Ratio Lower Upper
96 100
61 188.2 131.0 196.6
98 63.7 52.4 78.6





#13
Acrolein
Concen: 29.575 ug/l m
RT: 4.038 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

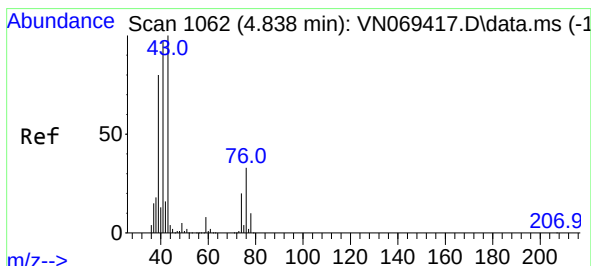
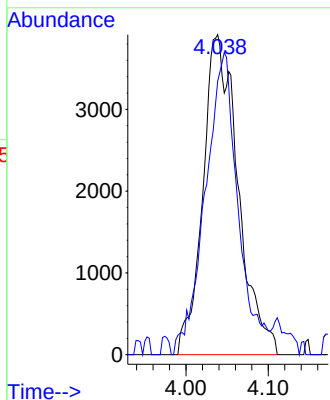
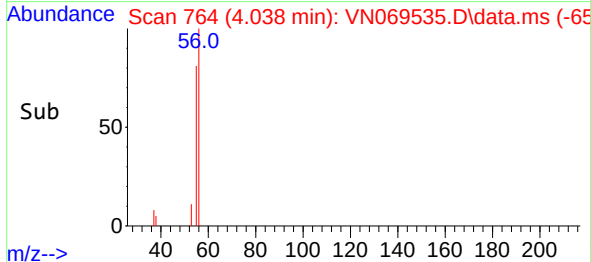
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



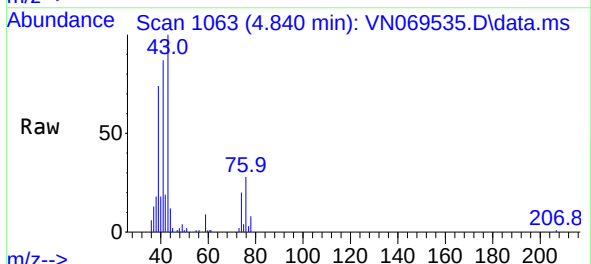
Tgt Ion: 56 Resp: 1162
Ion Ratio Lower Upper
56 100
55 87.4 56.6 85.0

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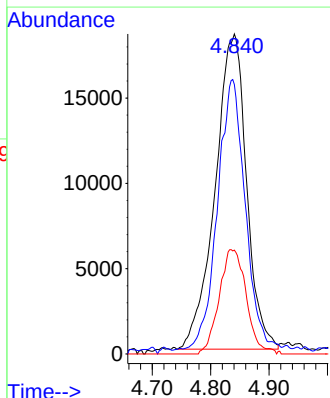
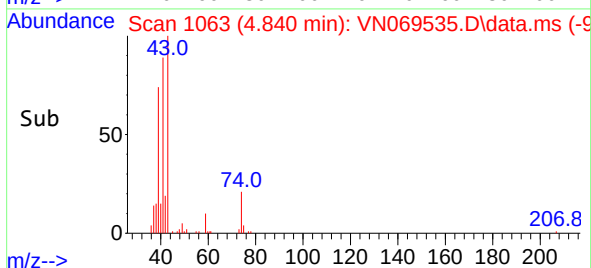
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

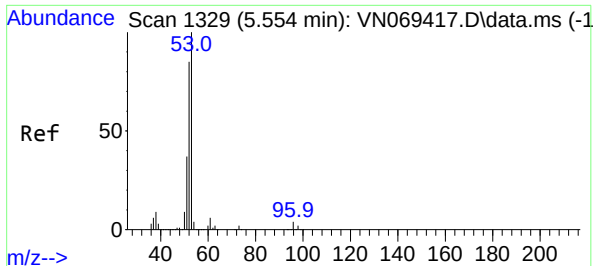


#14
Allyl chloride
Concen: 4.024 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28



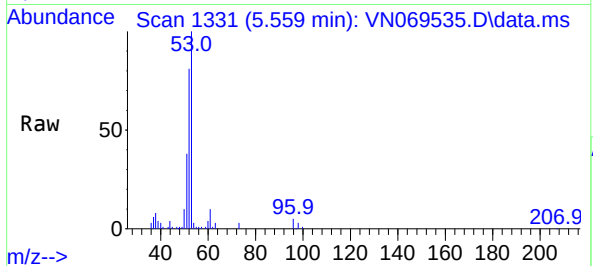
Tgt Ion: 41 Resp: 69023
Ion Ratio Lower Upper
41 100
39 74.7 61.2 91.8
76 28.6 26.0 39.0





#15
Acrylonitrile
Concen: 23.374 ug/l
RT: 5.559 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

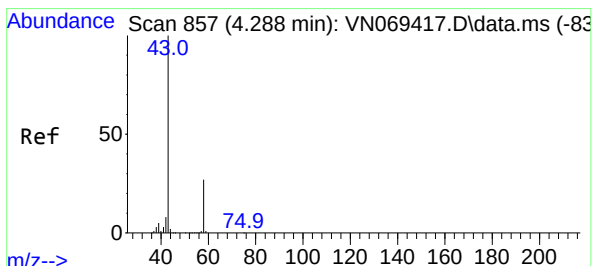
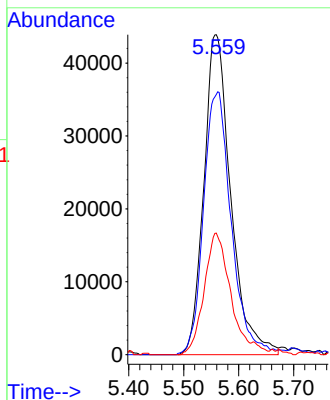
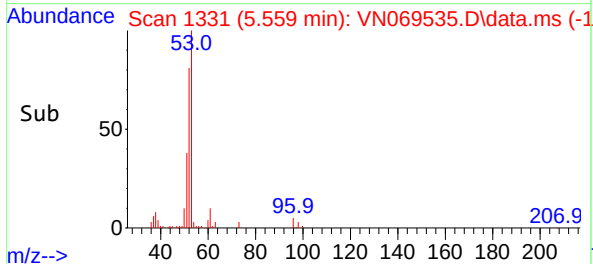
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 53 Resp: 149710
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 36.2 29.6 44.4

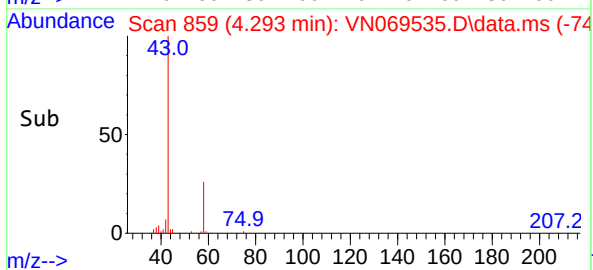
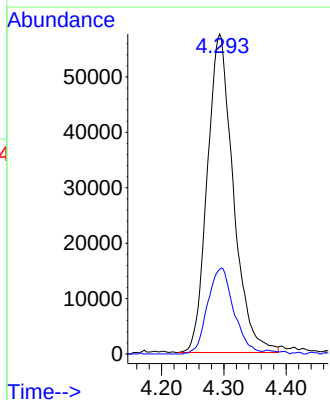
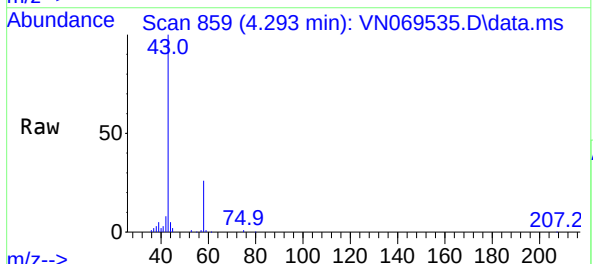
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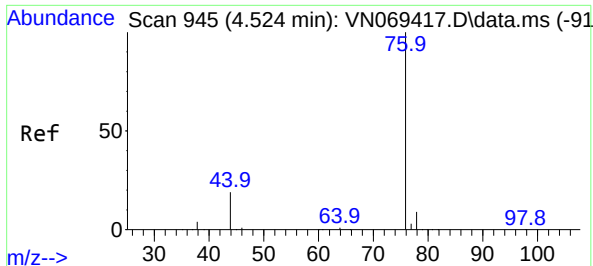
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 22.278 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

Tgt Ion: 43 Resp: 166836
Ion Ratio Lower Upper
43 100
58 26.6 23.1 34.7





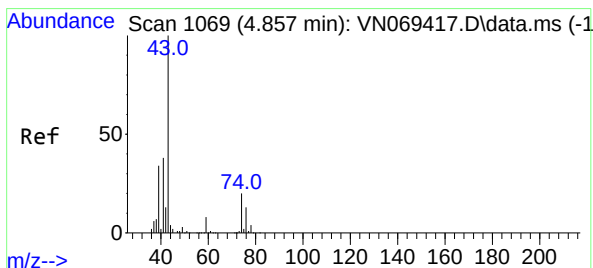
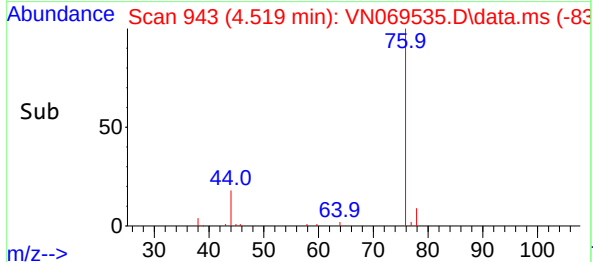
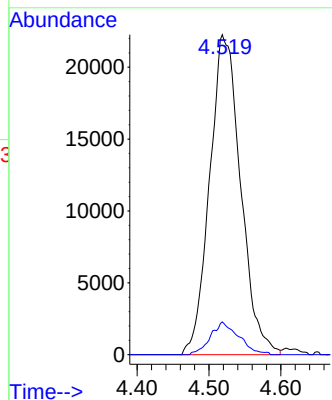
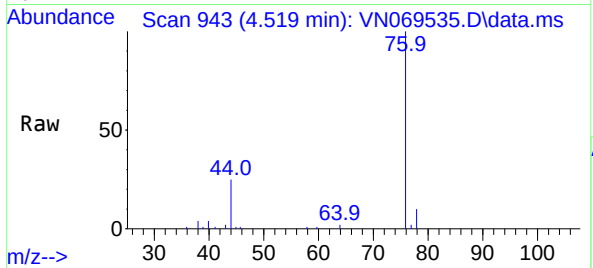
#17
Carbon Disulfide
Concen: 3.636 ug/l
RT: 4.519 min Scan# 945
Delta R.T. -0.005 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

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

Tgt Ion: 76 Resp: 66678
Ion Ratio Lower Upper
76 100
78 10.2 7.5 11.3

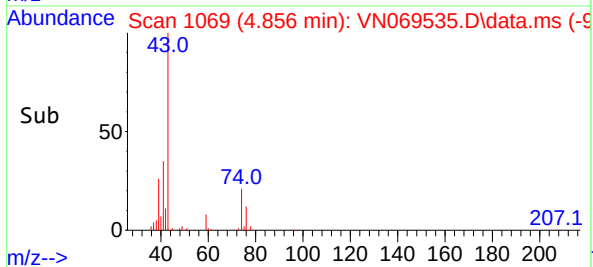
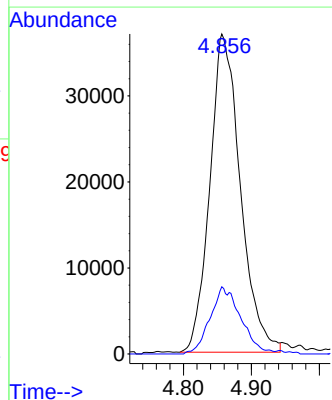
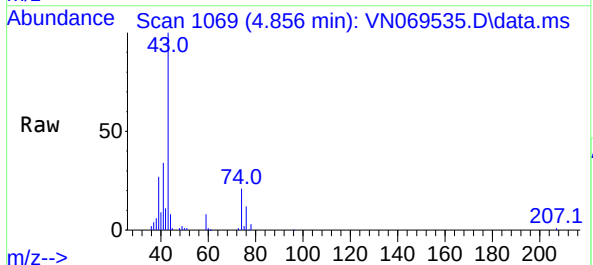
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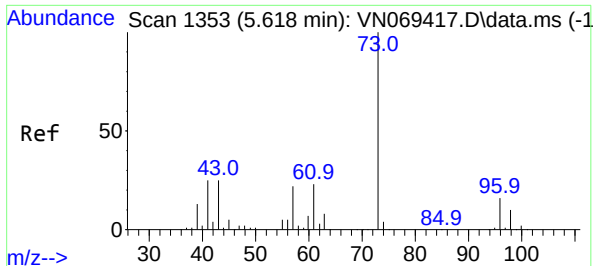
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#18
Methyl Acetate
Concen: 4.747 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. -0.001 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

Tgt Ion: 43 Resp: 115568
Ion Ratio Lower Upper
43 100
74 21.1 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 4.250 ug/l

RT: 5.618 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN069535.D

Acq: 17 Nov 2021 17:28

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 73 Resp: 13955

Ion Ratio Lower Upper

73 100

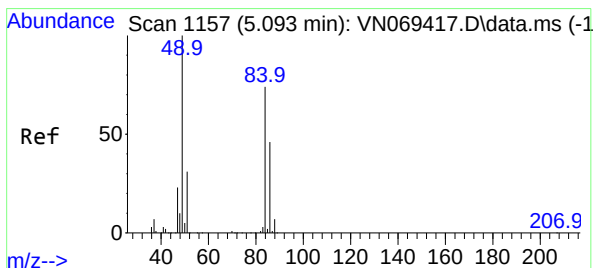
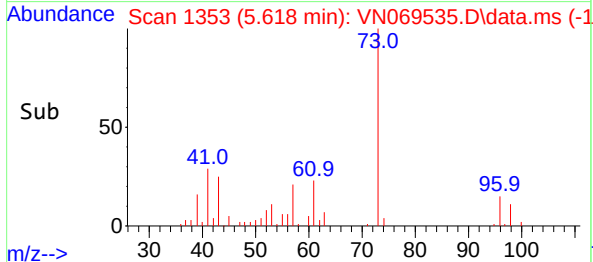
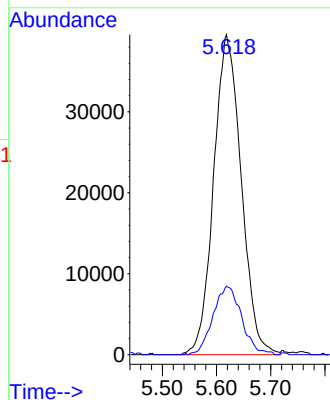
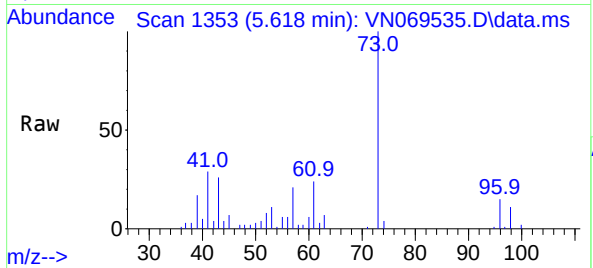
57 21.4 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#20

Methylene Chloride

Concen: 4.619 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.002 min

Lab File: VN069535.D

Acq: 17 Nov 2021 17:28

Tgt Ion: 84 Resp: 49056

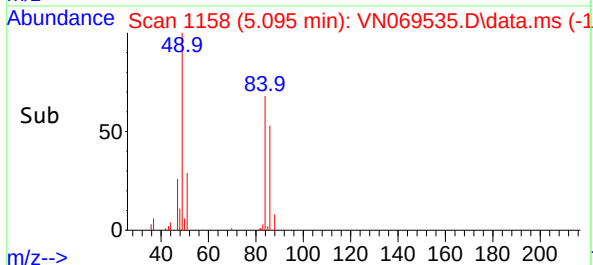
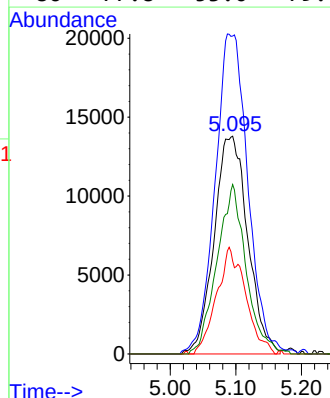
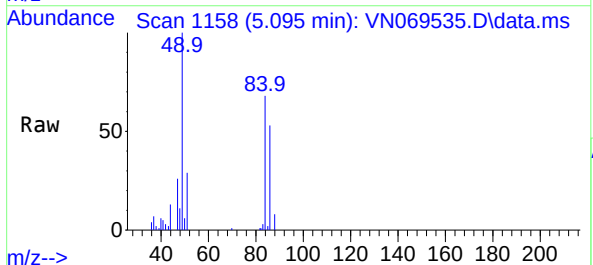
Ion Ratio Lower Upper

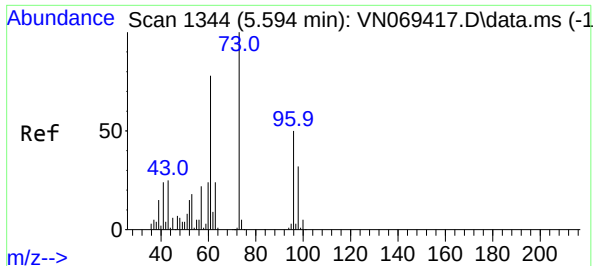
84 100

49 146.1 93.5 140.3#

51 42.6 29.4 44.2

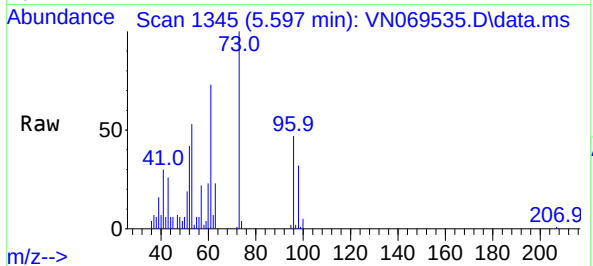
86 77.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 4.259 ug/l
RT: 5.597 min Scan# 1344
Delta R.T. 0.003 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

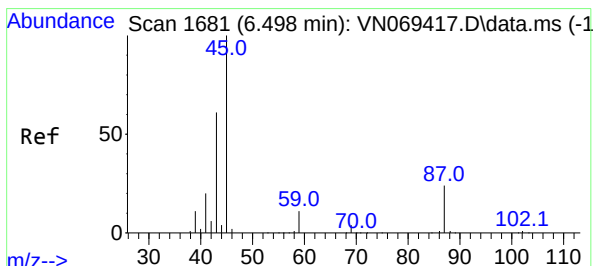
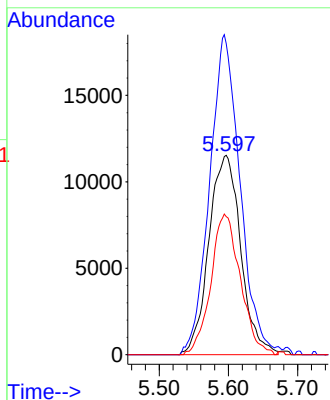
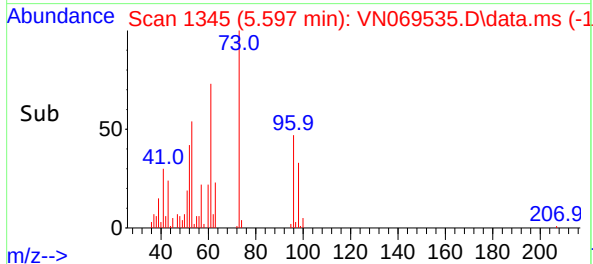
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



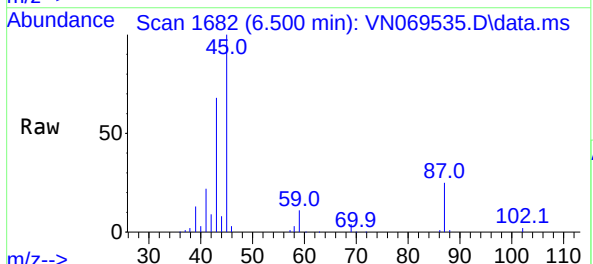
Tgt Ion: 96 Resp: 3690
Ion Ratio Lower Upper
96 100
61 156.1 105.8 158.6
98 69.3 52.0 78.0

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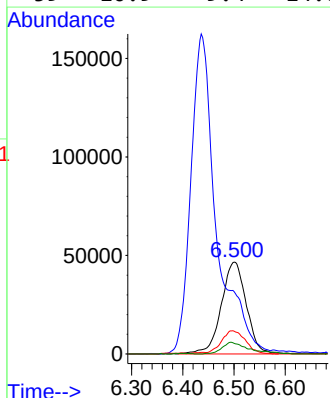
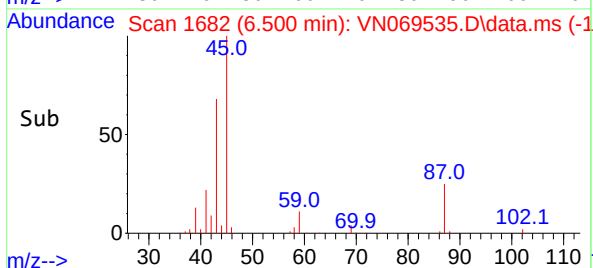
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

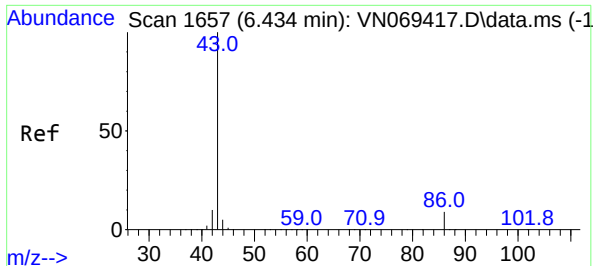


#22
Diisopropyl ether
Concen: 4.283 ug/l
RT: 6.500 min Scan# 1682
Delta R.T. 0.002 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28



Tgt Ion: 45 Resp: 158250
Ion Ratio Lower Upper
45 100
43 64.5 51.7 77.5
87 24.8 23.2 34.8
59 10.9 9.4 14.0





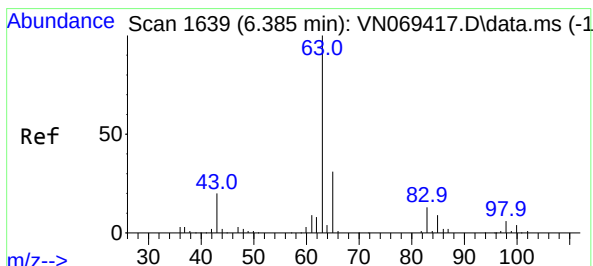
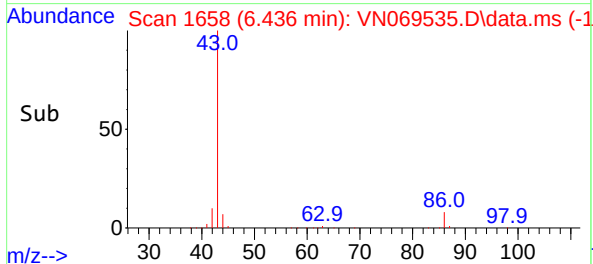
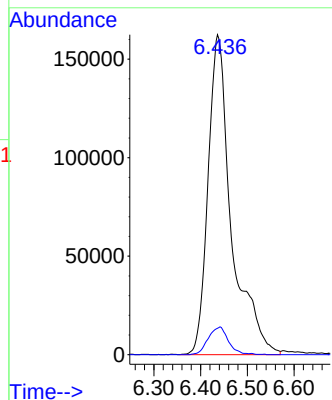
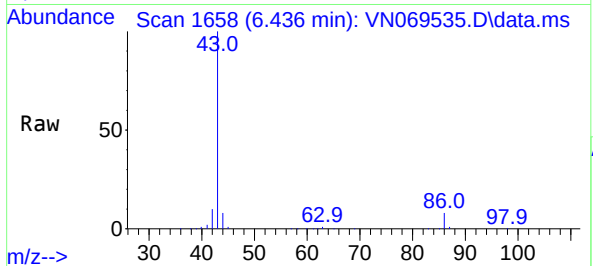
#23
 Vinyl Acetate
 Concen: 19.751 ug/l
 RT: 6.436 min Scan# 1657
 Delta R.T. 0.002 min
 Lab File: VN069535.D
 Acq: 17 Nov 2021 17:28

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

Tgt Ion: 43 Resp: 564475
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7

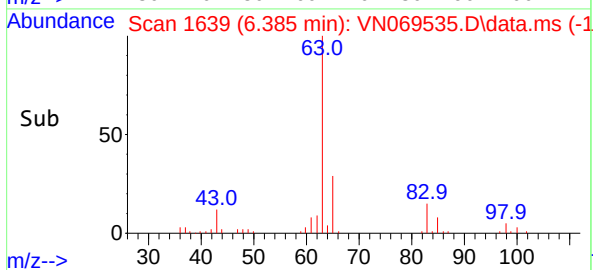
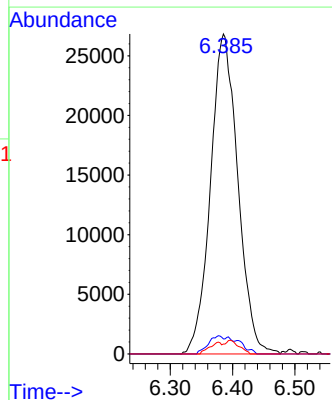
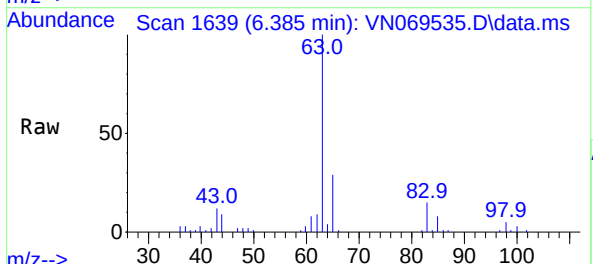
Manual Integrations
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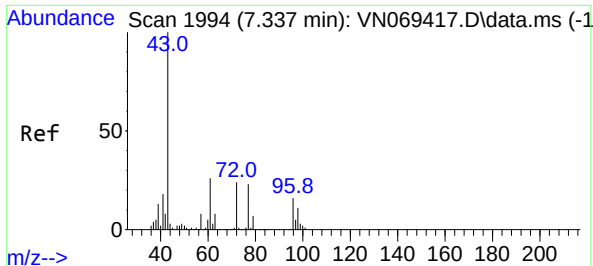
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#24
 1,1-Dichloroethane
 Concen: 4.352 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN069535.D
 Acq: 17 Nov 2021 17:28

Tgt Ion: 63 Resp: 81906
 Ion Ratio Lower Upper
 63 100
 98 4.7 3.3 9.9
 100 3.1 2.1 6.5





#25

2-Butanone

Concen: 22.786 ug/l

RT: 7.343 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VN069535.D

Acq: 17 Nov 2021 17:28

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 43 Resp: 231062

Ion Ratio Lower Upper

43 100

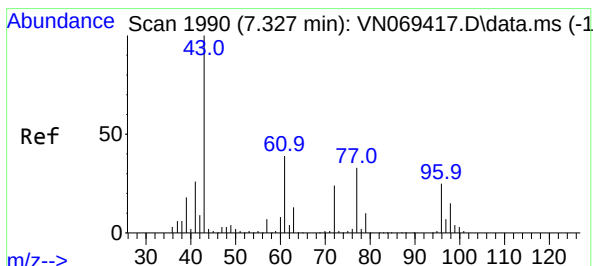
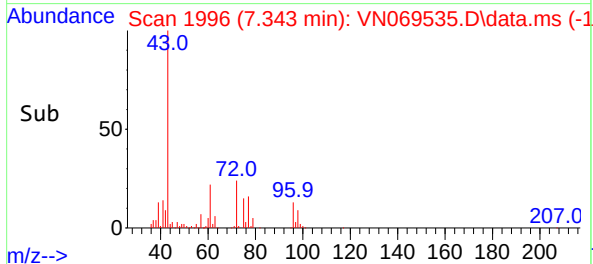
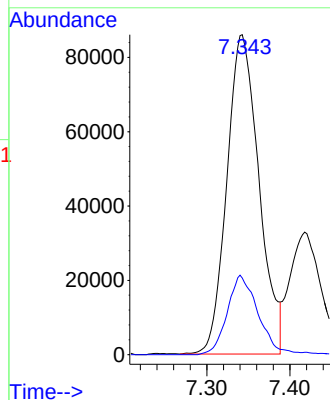
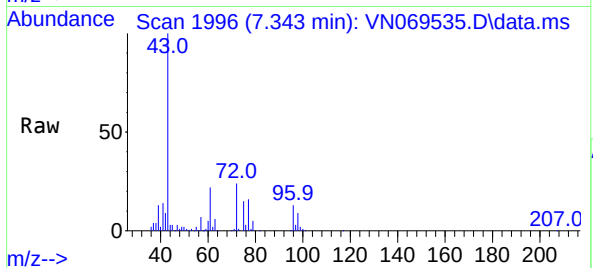
72 24.0 21.7 32.5

Manual Integrations

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Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#26

2,2-Dichloropropane

Concen: 3.878 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069535.D

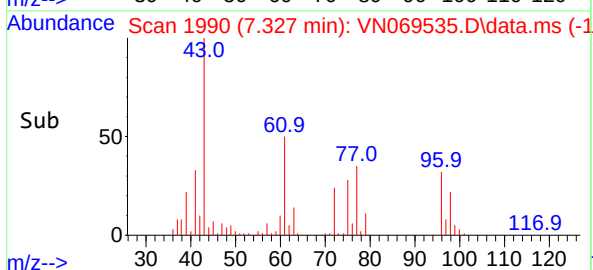
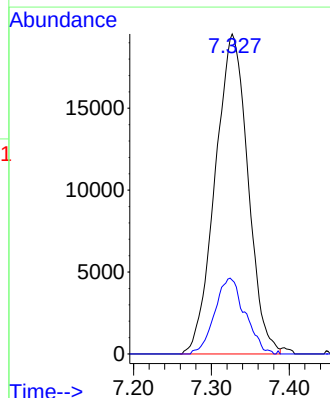
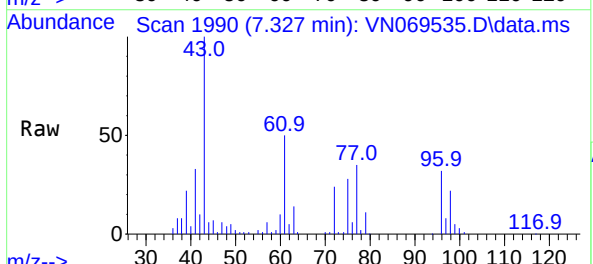
Acq: 17 Nov 2021 17:28

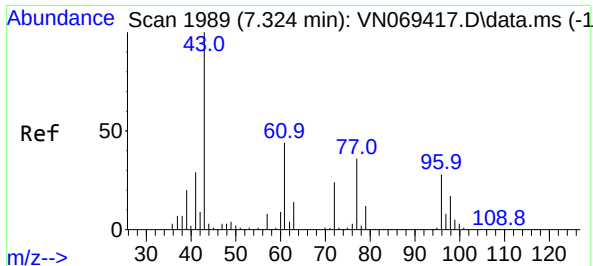
Tgt Ion: 77 Resp: 57109

Ion Ratio Lower Upper

77 100

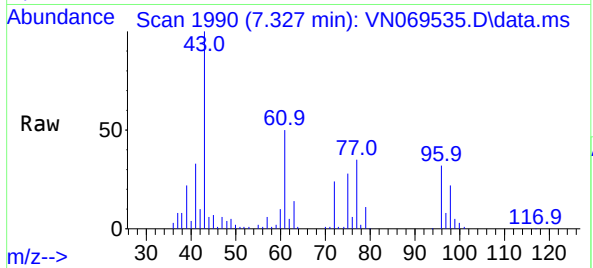
97 21.9 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 4.350 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.003 min
 Lab File: VN069535.D
 Acq: 17 Nov 2021 17:28

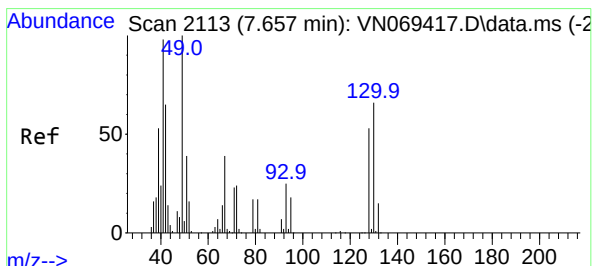
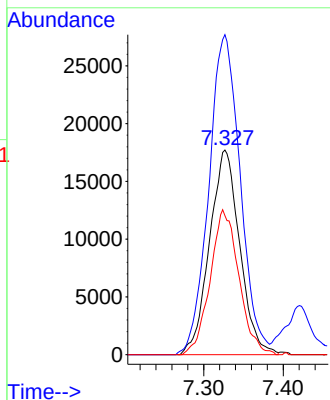
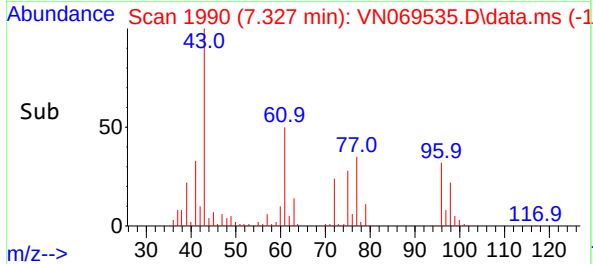
Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



Tgt Ion: 96 Resp: 46734
 Ion Ratio Lower Upper
 96 100
 61 162.7 0.0 275.0
 98 67.5 0.0 129.6

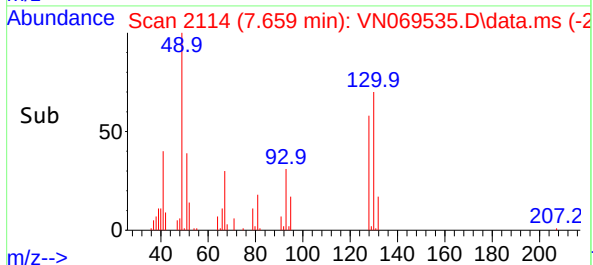
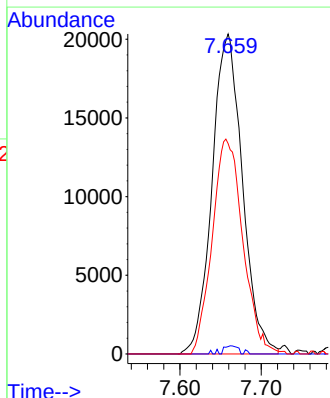
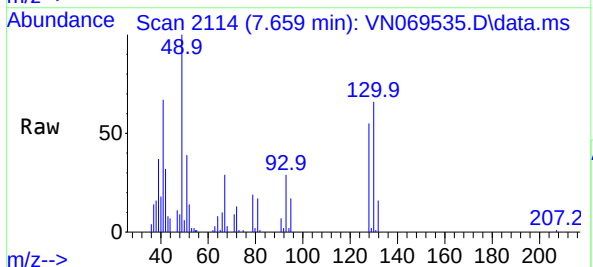
Manual Integrations
 APPROVED

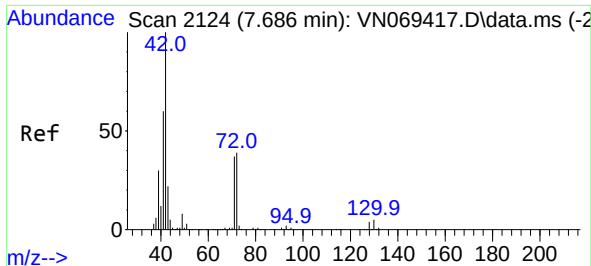
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#28
 Bromochloromethane
 Concen: 5.464 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.002 min
 Lab File: VN069535.D
 Acq: 17 Nov 2021 17:28

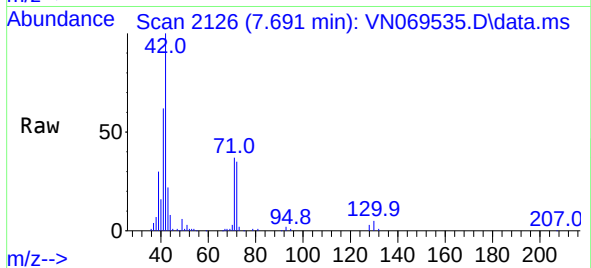
Tgt Ion: 49 Resp: 52668
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.0
 130 67.9 67.8 101.8





#29
Tetrahydrofuran
Concen: 22.852 ug/l
RT: 7.691 min Scan# 2126
Delta R.T. 0.005 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

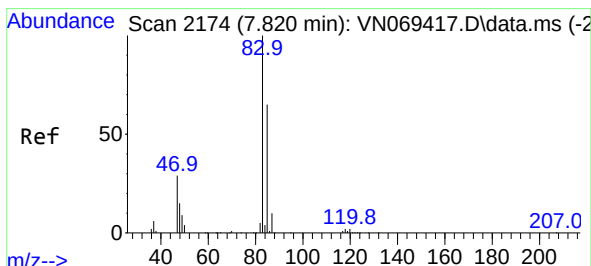
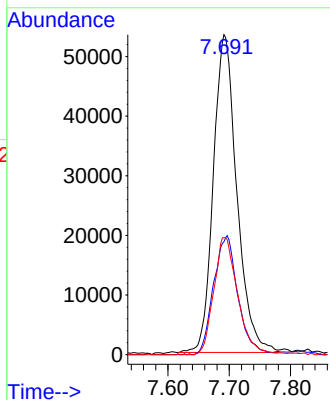
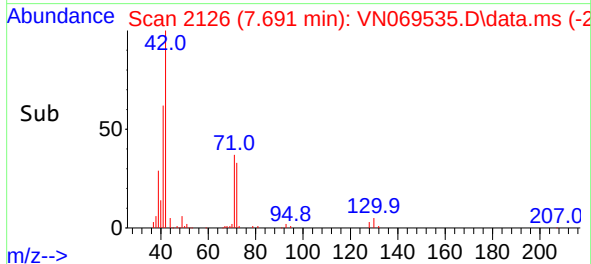
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 42 Resp: 142200
Ion Ratio Lower Upper
42 100
72 38.5 36.3 54.5
71 37.3 34.7 52.1

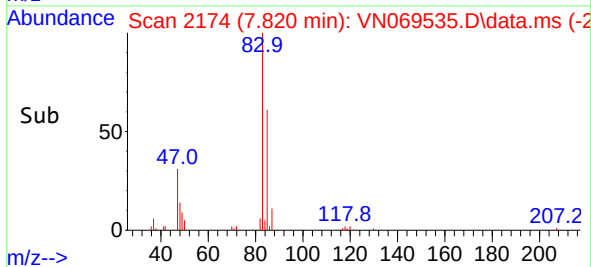
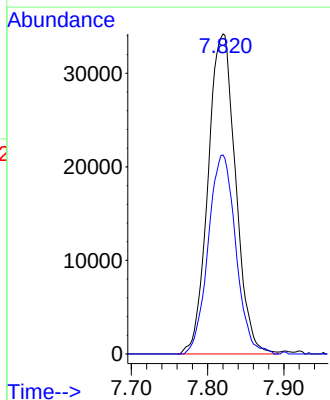
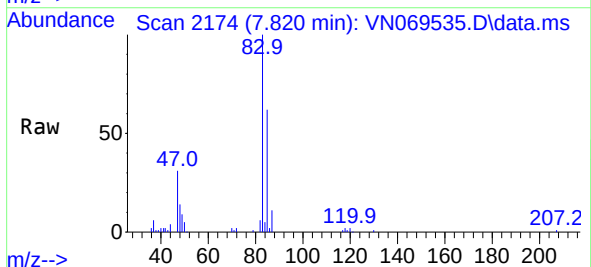
Manual Integrations
APPROVED

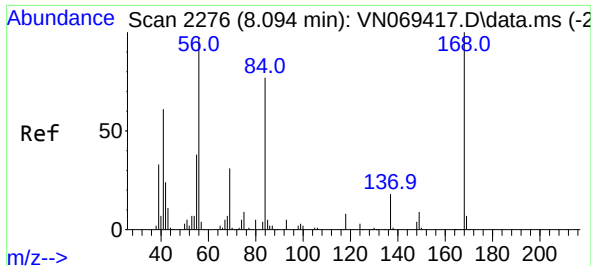
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#30
Chloroform
Concen: 4.453 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

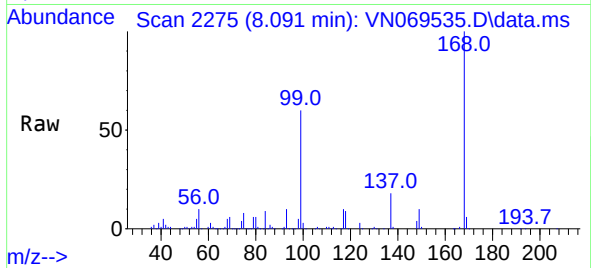
Tgt Ion: 83 Resp: 85917
Ion Ratio Lower Upper
83 100
85 62.2 51.9 77.9





#31
Cyclohexane
Concen: 5.196 ug/l
RT: 8.091 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

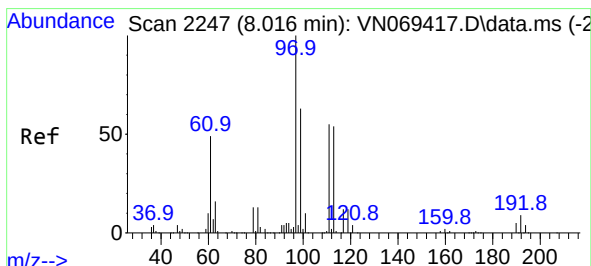
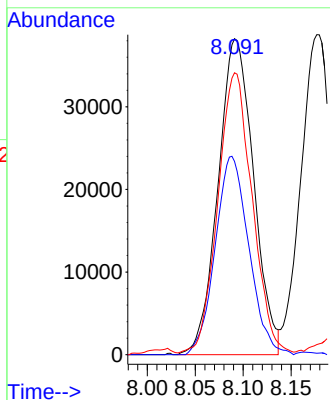
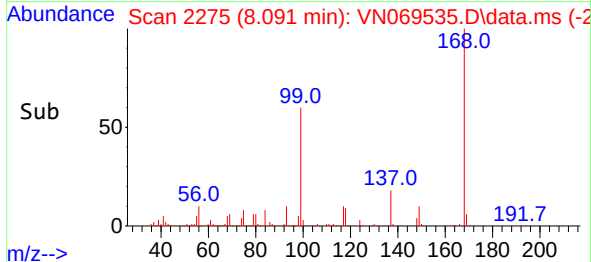
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



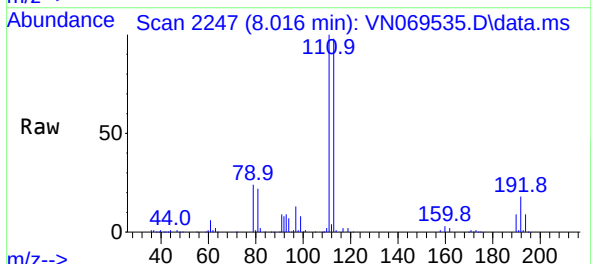
Tgt Ion: 56 Resp: 9852
Ion Ratio Lower Upper
56 100
69 61.2 27.1 40.7
84 88.6 73.4 110.0

Manual Integrations
APPROVED

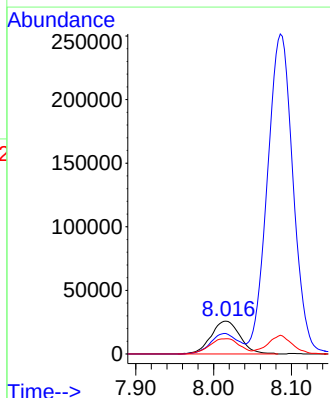
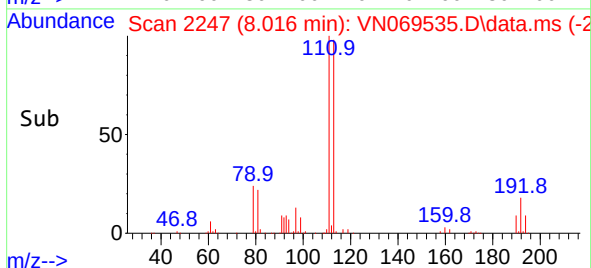
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

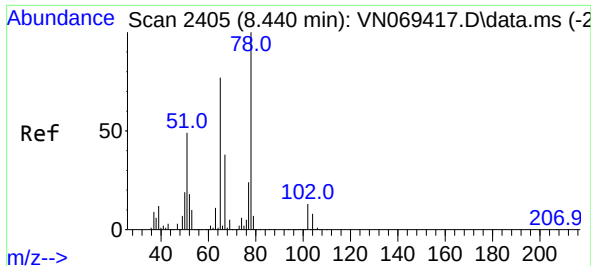


#32
1,1,1-Trichloroethane
Concen: 4.151 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28



Tgt Ion: 97 Resp: 66858
Ion Ratio Lower Upper
97 100
99 58.9 50.1 75.1
61 48.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 55.338 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069535.D

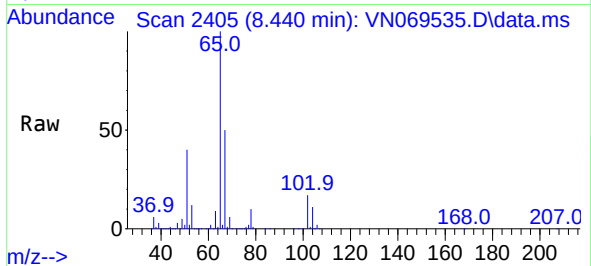
Acq: 17 Nov 2021 17:28

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021



Tgt Ion: 65 Resp: 768092

Ion Ratio Lower Upper

65 100

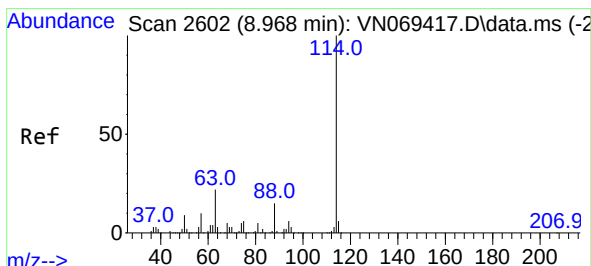
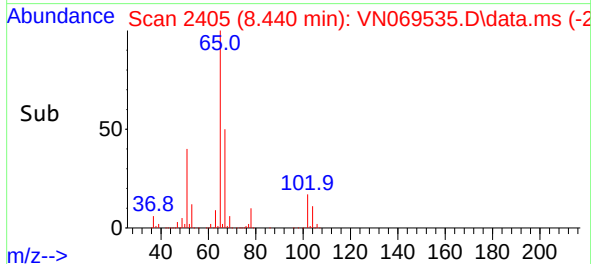
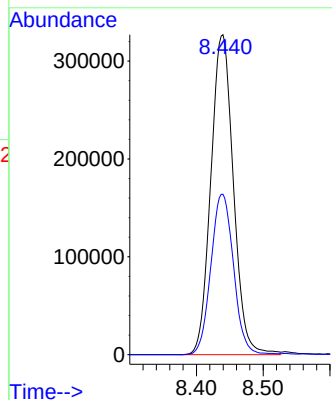
67 50.3 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN069535.D

Acq: 17 Nov 2021 17:28

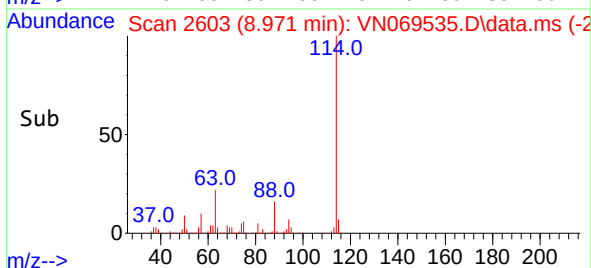
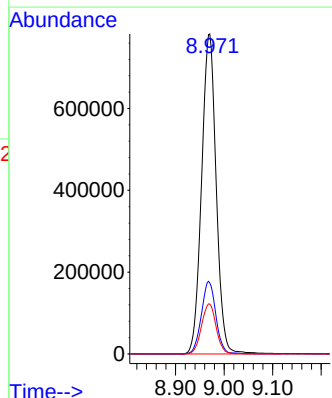
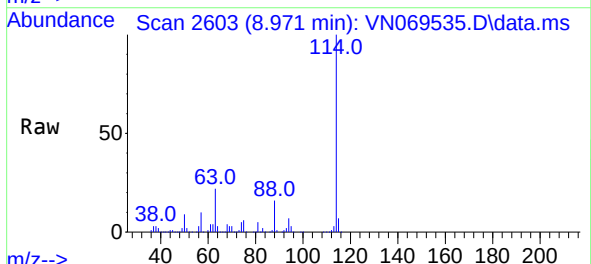
Tgt Ion:114 Resp: 1633503

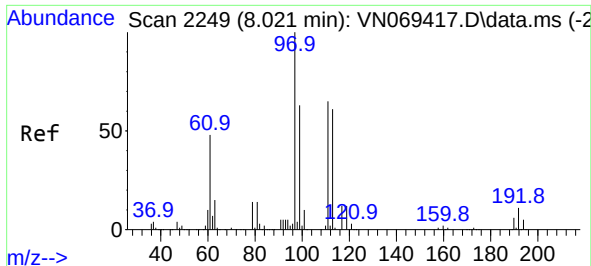
Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.8

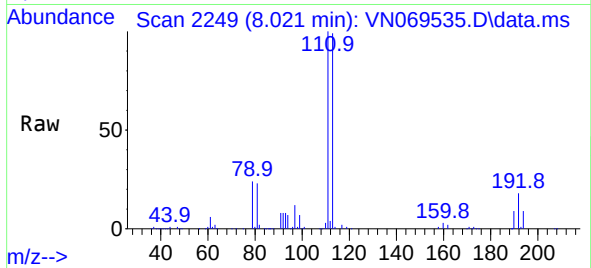
88 15.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.608 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

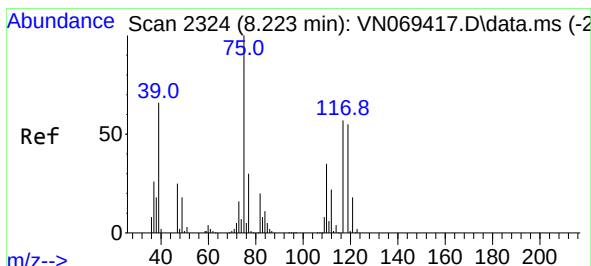
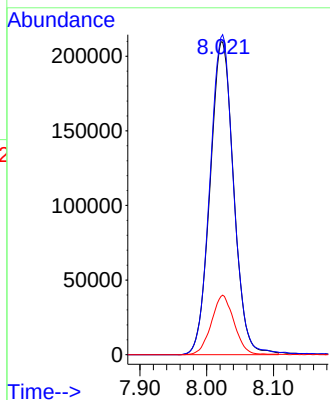
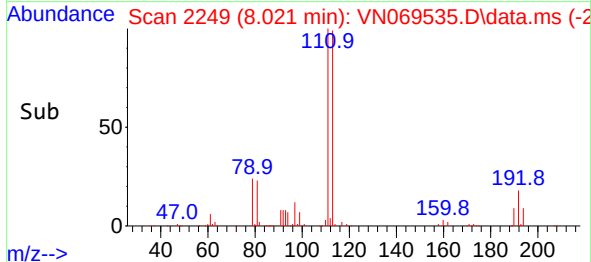
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:113 Resp: 515400
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 18.2 16.9 25.3

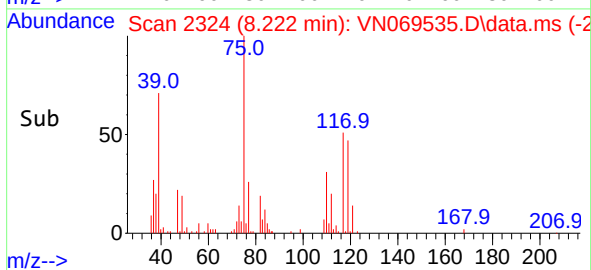
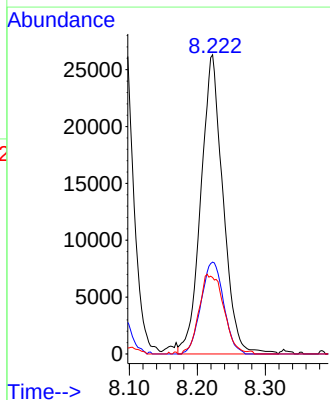
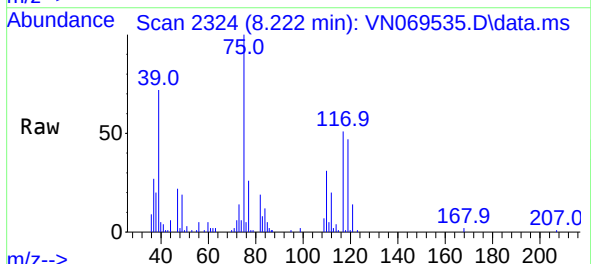
Manual Integrations
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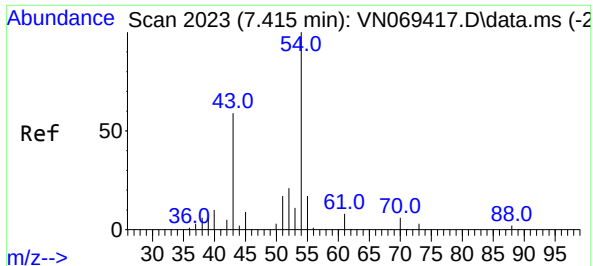
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#36
1,1-Dichloropropene
Concen: 4.333 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

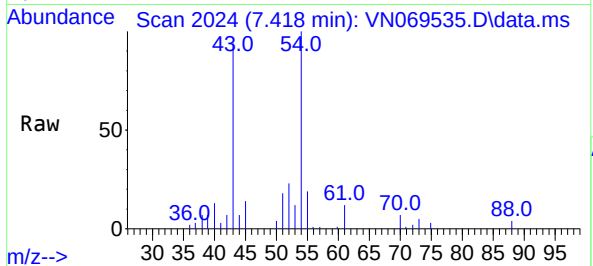
Tgt Ion: 75 Resp: 59554
Ion Ratio Lower Upper
75 100
110 31.4 18.4 55.2
77 29.7 24.4 36.6





#37
Ethyl Acetate
Concen: 4.621 ug/l m
RT: 7.418 min Scan# 2023
Delta R.T. 0.003 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

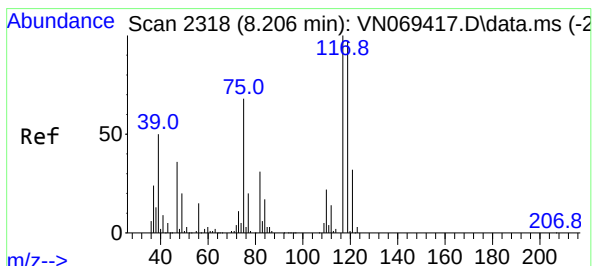
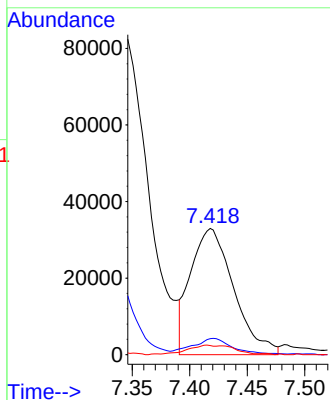
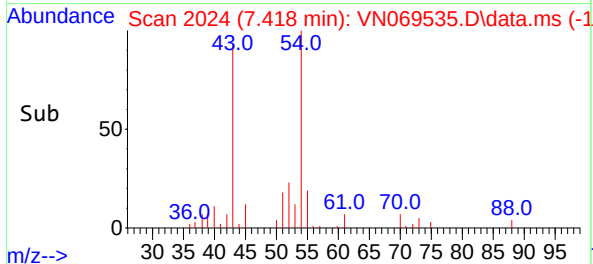
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 43 Resp: 8585
Ion Ratio Lower Upper
43 100
61 11.4 11.5 17.3
70 5.0 7.9 11.9

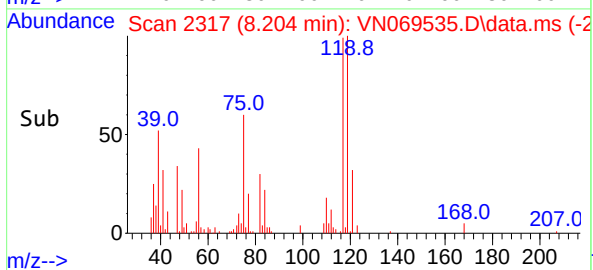
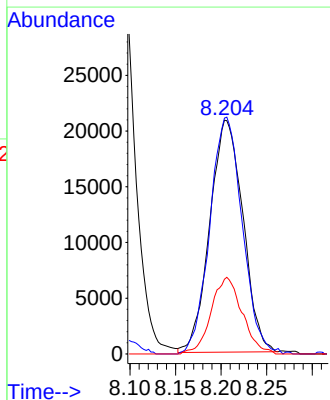
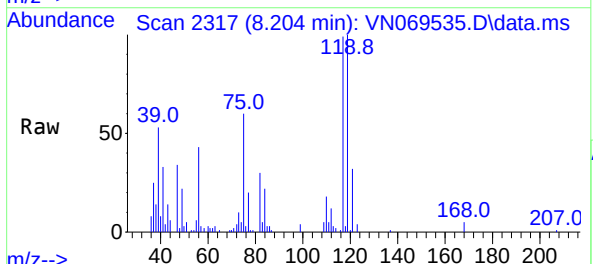
Manual Integrations
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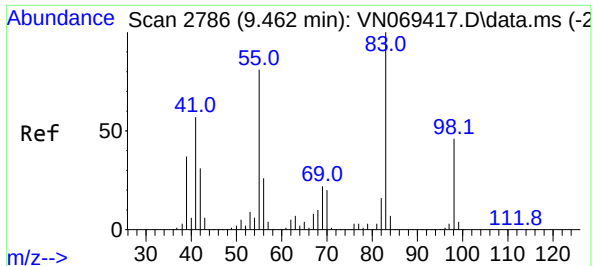
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#38
Carbon Tetrachloride
Concen: 3.965 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.002 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

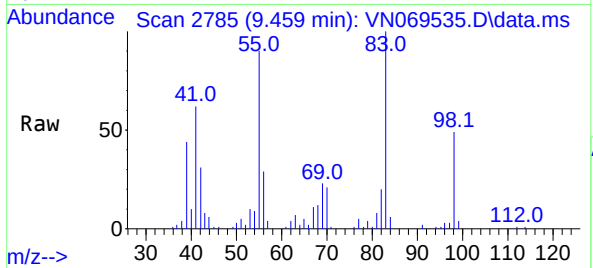
Tgt Ion:117 Resp: 52616
Ion Ratio Lower Upper
117 100
119 101.9 76.1 114.1
121 32.3 24.2 36.2





#39
Methylcyclohexane
Concen: 3.875 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

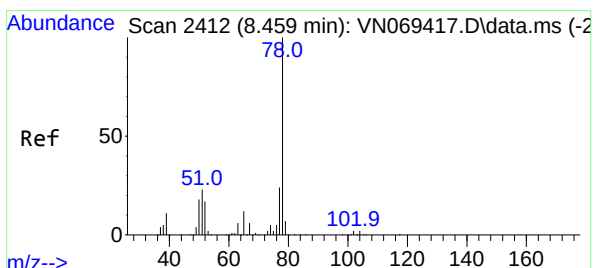
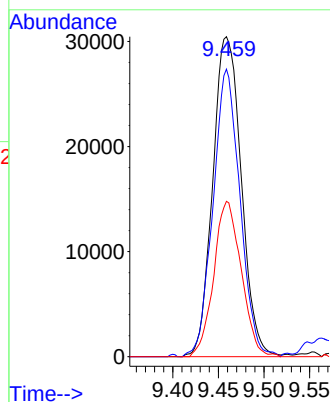
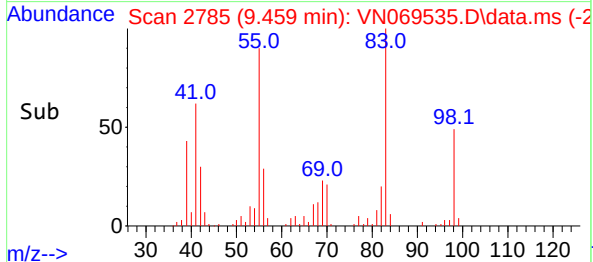
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 83 Resp: 66254
Ion Ratio Lower Upper
83 100
55 89.9 58.1 87.1
98 48.6 38.4 57.6

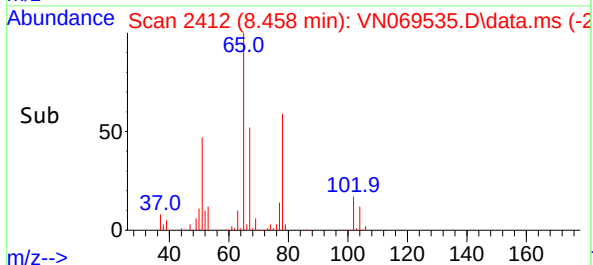
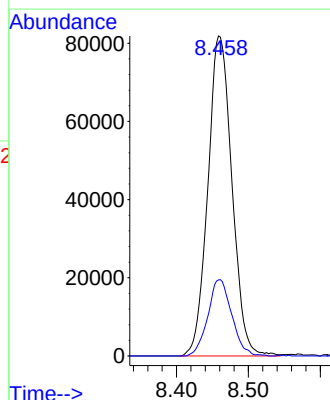
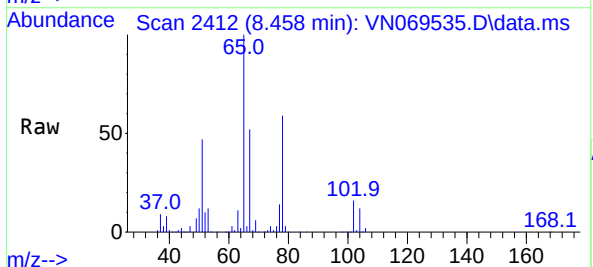
Manual Integrations
APPROVED

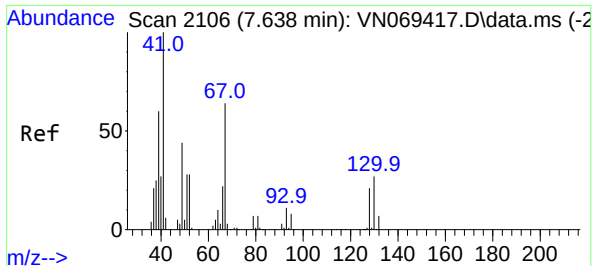
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#40
Benzene
Concen: 4.495 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

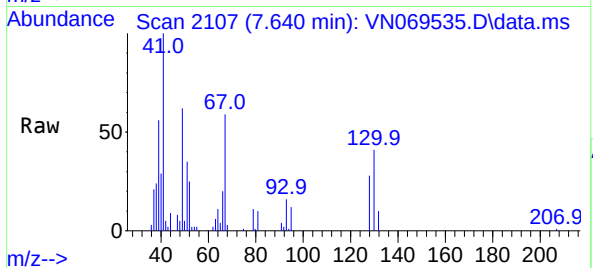
Tgt Ion: 78 Resp: 190709
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 4.099 ug/l
RT: 7.640 min Scan# 2106
Delta R.T. 0.002 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

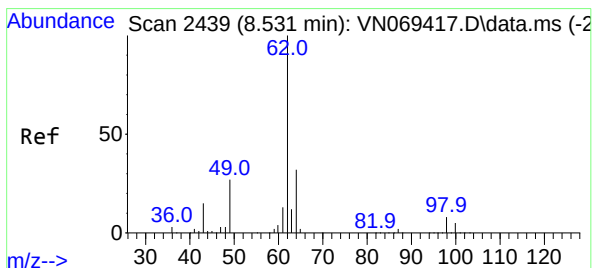
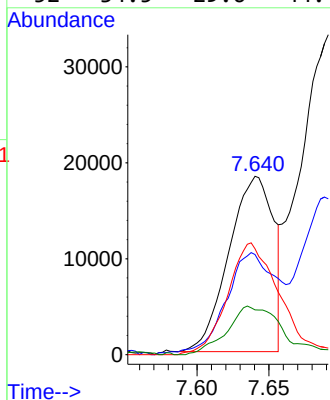
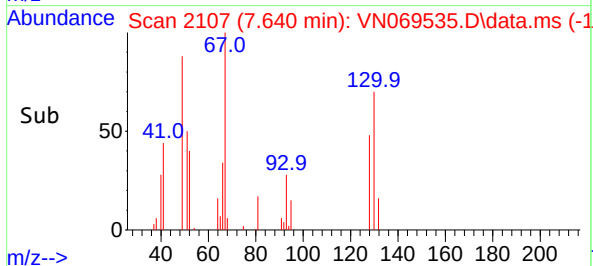
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 41 Resp: 3935
Ion Ratio Lower Upper
41 100
39 67.1 48.1 72.1
67 74.5 68.3 102.5
52 34.5 29.6 44.4

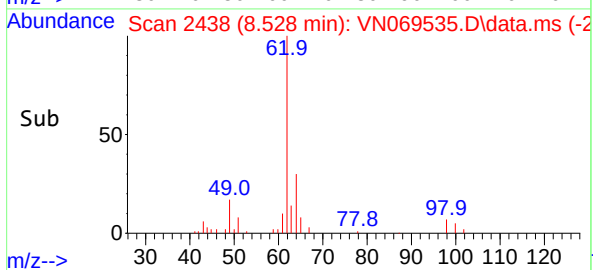
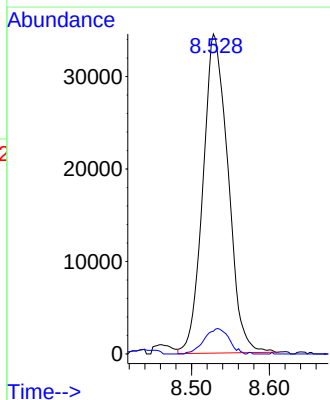
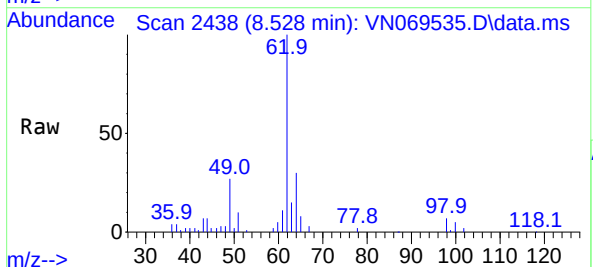
Manual Integrations
APPROVED

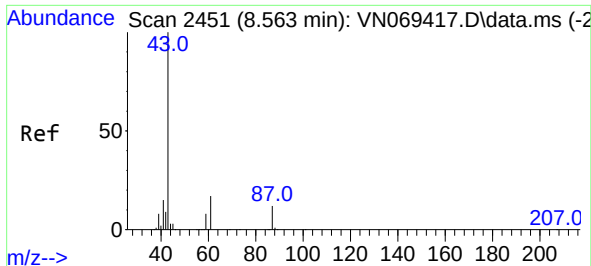
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 4.644 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

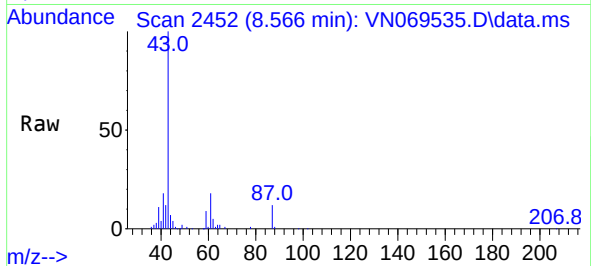
Tgt Ion: 62 Resp: 77144
Ion Ratio Lower Upper
62 100
98 7.9 0.0 17.6





#43
Isopropyl Acetate
Concen: 4.281 ug/l
RT: 8.566 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

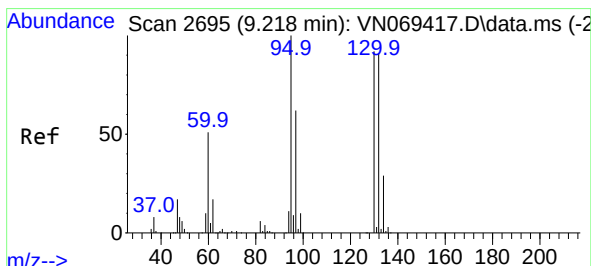
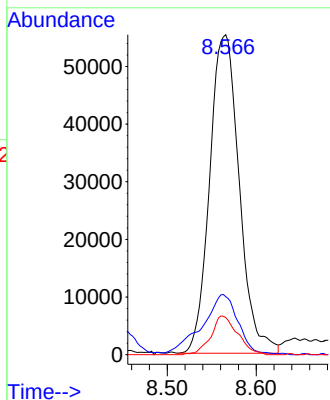
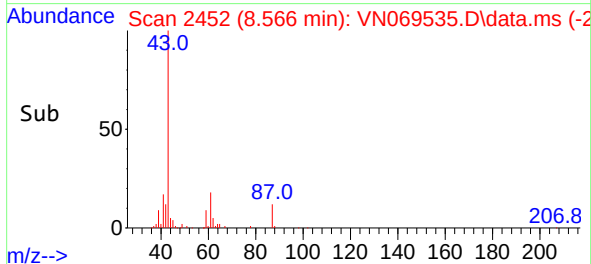
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 43 Resp: 127774
Ion Ratio Lower Upper
43 100
61 22.5 20.4 30.6
87 11.0 11.2 16.8

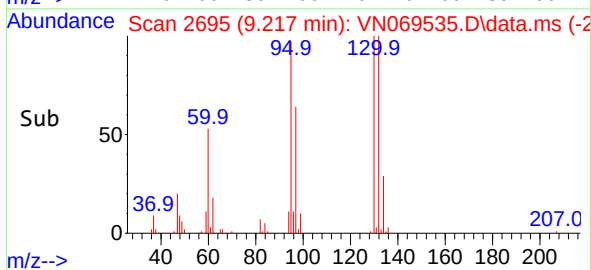
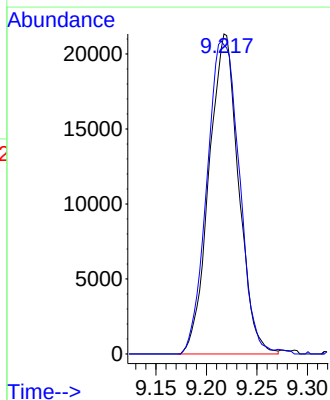
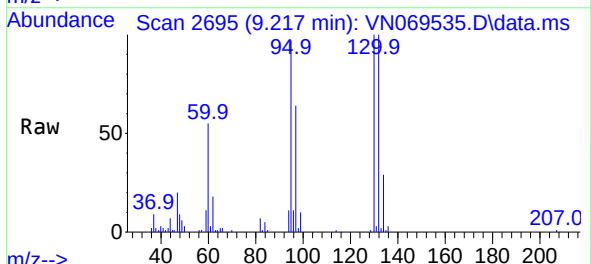
Manual Integrations
APPROVED

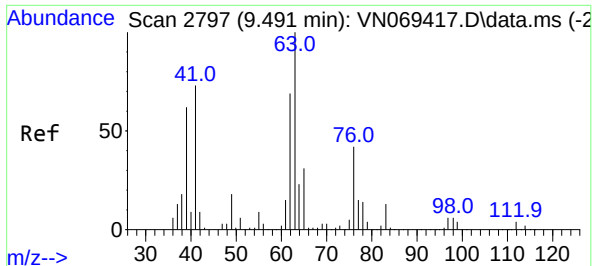
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 4.282 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

Tgt Ion:130 Resp: 43474
Ion Ratio Lower Upper
130 100
95 96.6 0.0 191.2





#45

1,2-Dichloropropane

Concen: 4.392 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069535.D

Acq: 17 Nov 2021 17:28

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 63 Resp: 4978

Ion Ratio Lower Upper

63 100

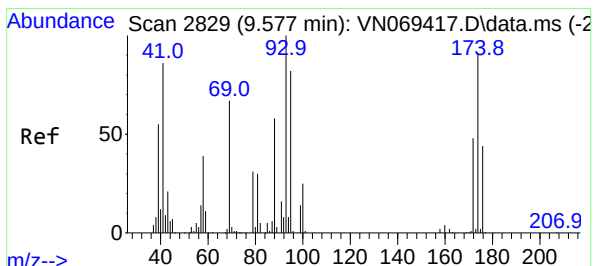
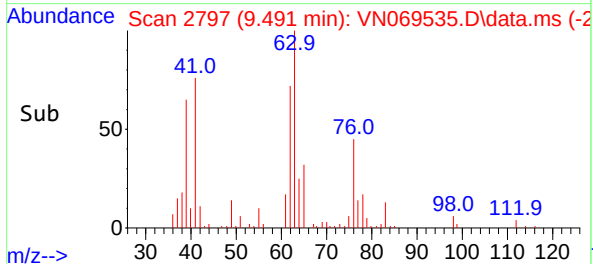
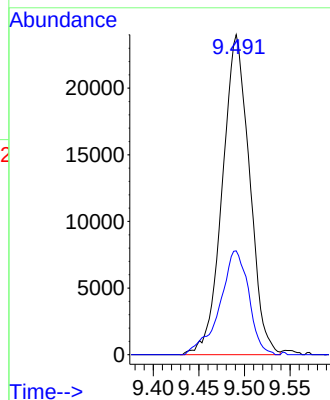
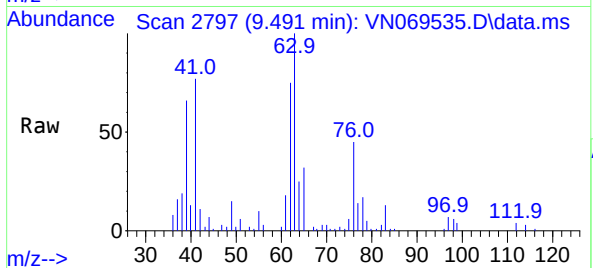
65 32.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 4.370 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.002 min

Lab File: VN069535.D

Acq: 17 Nov 2021 17:28

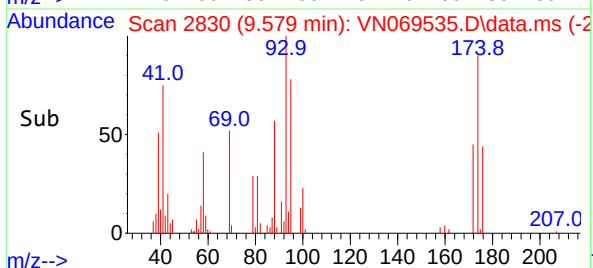
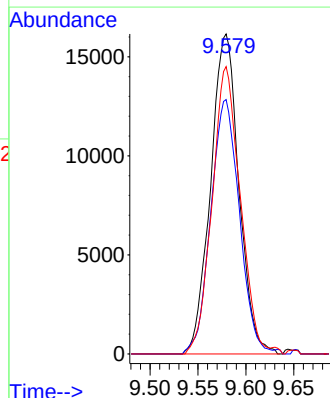
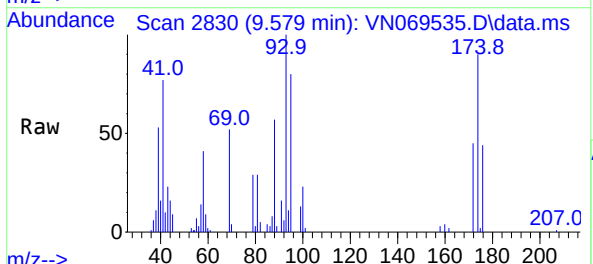
Tgt Ion: 93 Resp: 33175

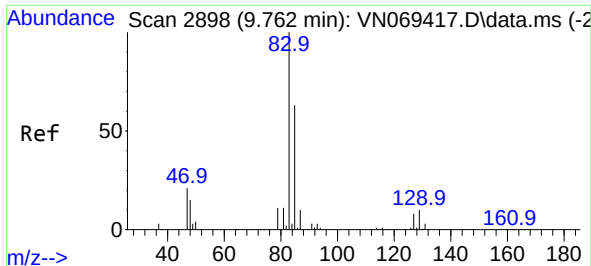
Ion Ratio Lower Upper

93 100

95 80.3 65.9 98.9

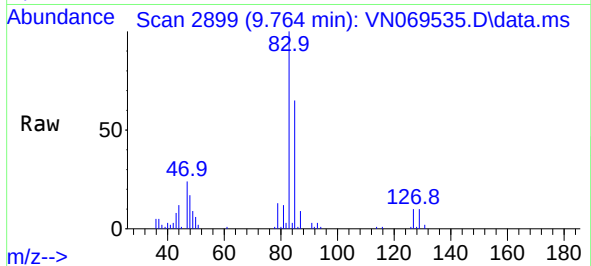
174 88.9 84.6 127.0





#47
Bromodichloromethane
Concen: 3.881 ug/l
RT: 9.764 min Scan# 2898
Delta R.T. 0.002 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

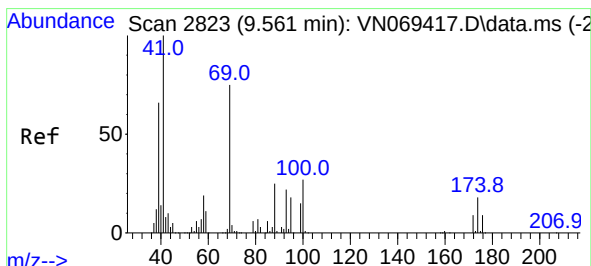
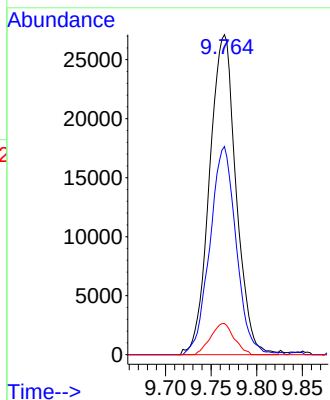
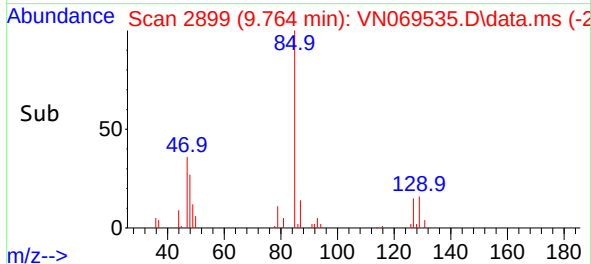
Instrument : MSVOA_N
ClientSampleId : VN069535.D
LOQ-WATER-02-QT4-2021



Tgt Ion: 83 Resp: 5498
Ion Ratio Lower Upper
83 100
85 65.1 50.9 76.3
127 9.8 7.1 10.7

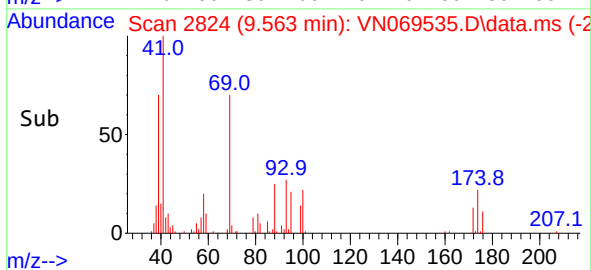
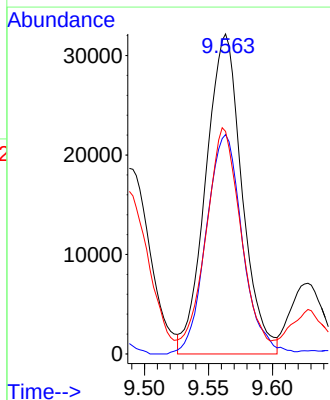
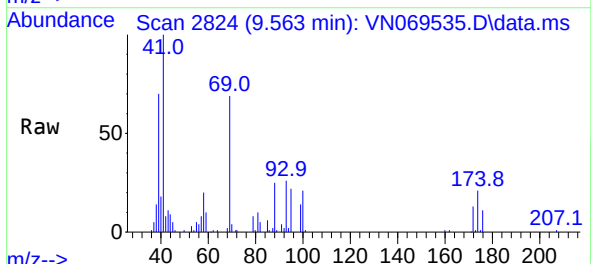
Manual Integrations
APPROVED

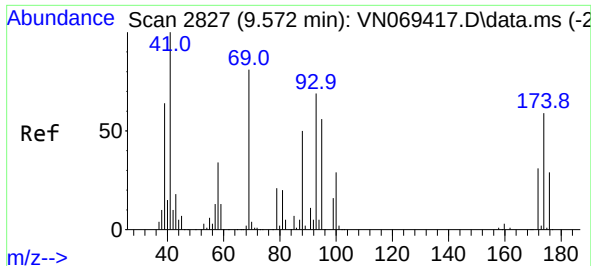
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48
Methyl methacrylate
Concen: 4.501 ug/l m
RT: 9.563 min Scan# 2824
Delta R.T. 0.002 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

Tgt Ion: 41 Resp: 63204
Ion Ratio Lower Upper
41 100
69 68.8 72.4 108.6
39 61.1 58.4 87.6





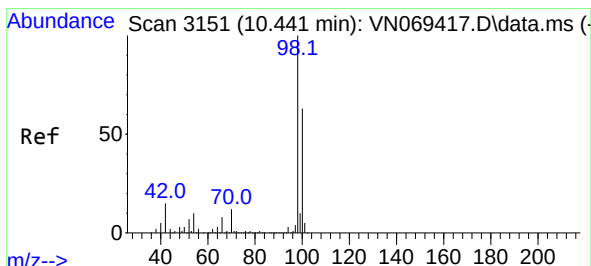
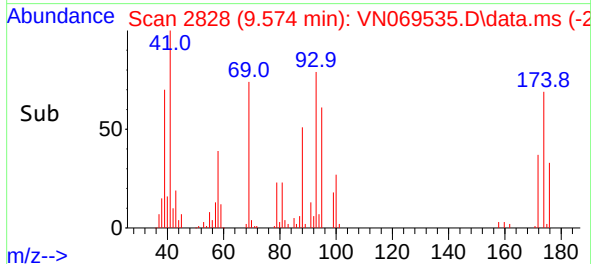
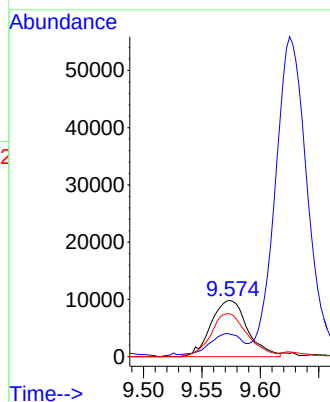
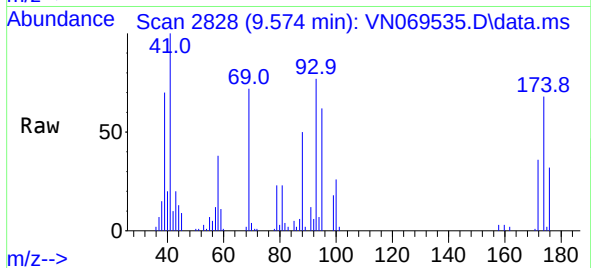
#49
1,4-Dioxane
Concen: 85.164 ug/l
RT: 9.574 min Scan# 2132
Delta R.T. 0.002 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

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

Tgt Ion: 88 Resp: 2132
Ion Ratio Lower Upper
88 100
43 30.9 23.4 35.2
58 76.3 50.6 75.8

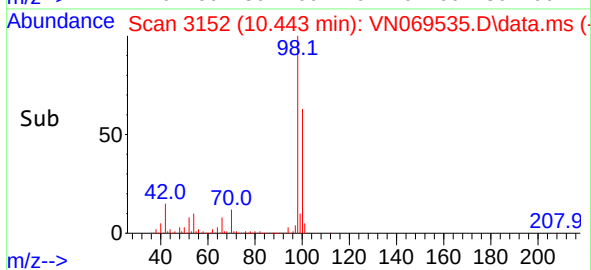
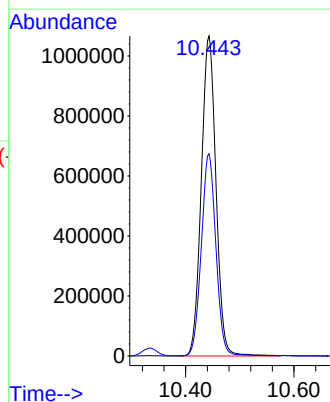
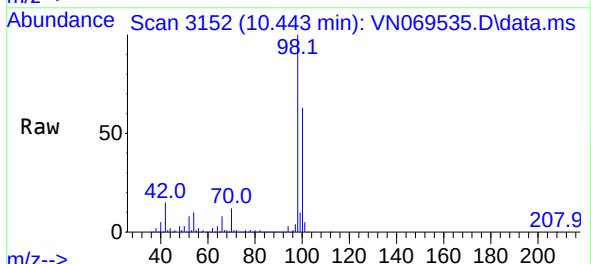
Manual Integrations
APPROVED

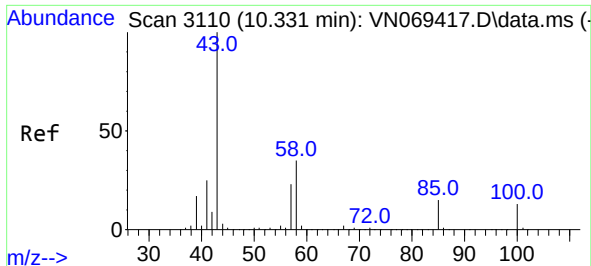
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#50
Toluene-d8
Concen: 52.081 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

Tgt Ion: 98 Resp: 2006781
Ion Ratio Lower Upper
98 100
100 62.6 50.4 75.6





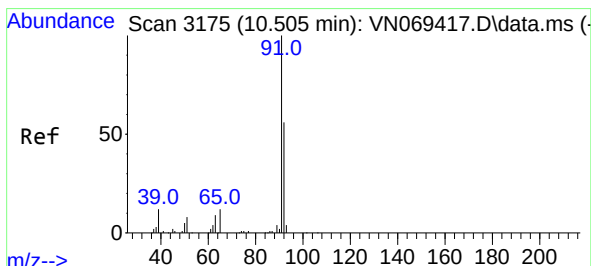
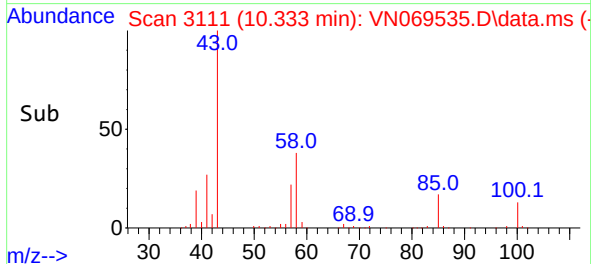
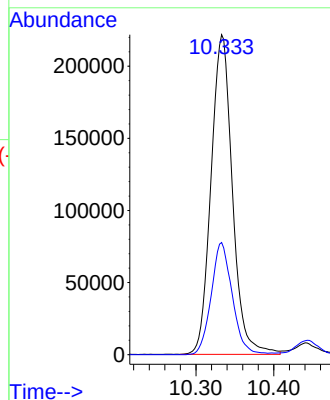
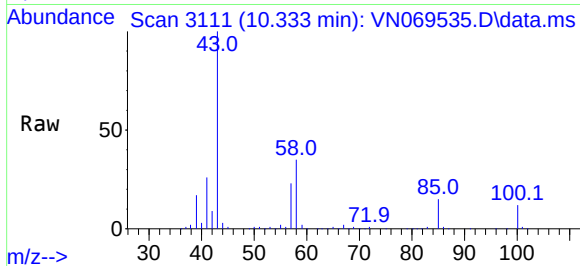
#51
4-Methyl-2-Pentanone
Concen: 21.915 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

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

Tgt Ion: 43 Resp: 422149
Ion Ratio Lower Upper
43 100
58 34.6 30.4 45.6

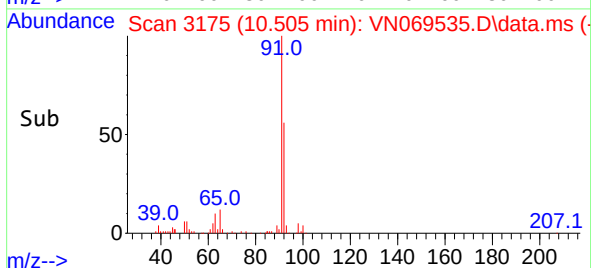
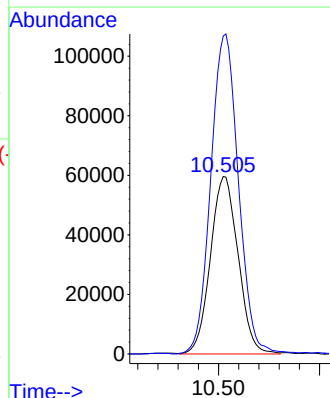
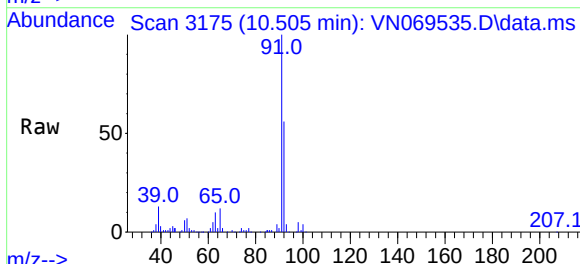
Manual Integrations
APPROVED

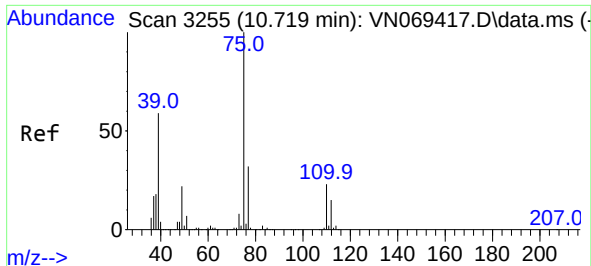
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 4.292 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

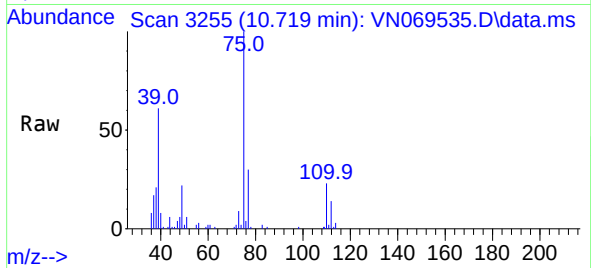
Tgt Ion: 92 Resp: 113429
Ion Ratio Lower Upper
92 100
91 180.1 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 3.429 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

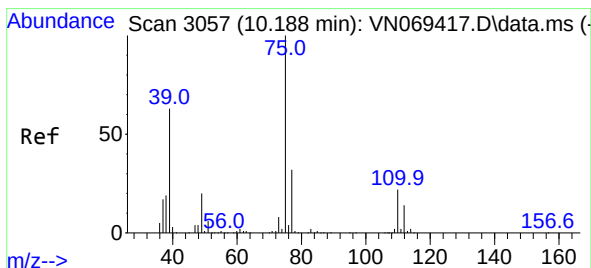
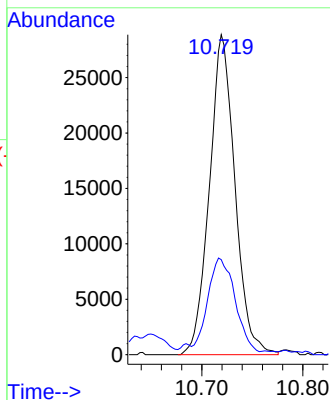
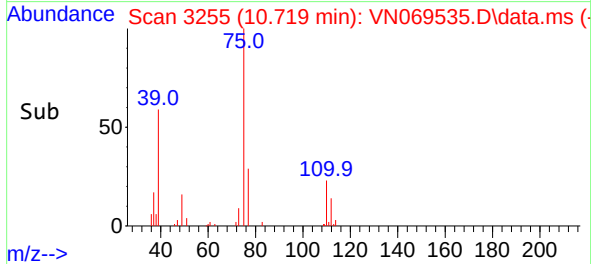
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



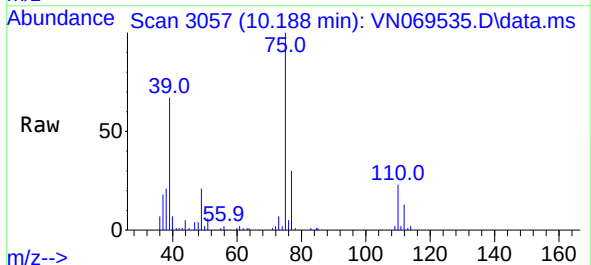
Tgt Ion: 75 Resp: 50764
Ion Ratio Lower Upper
75 100
77 28.8 25.6 38.4

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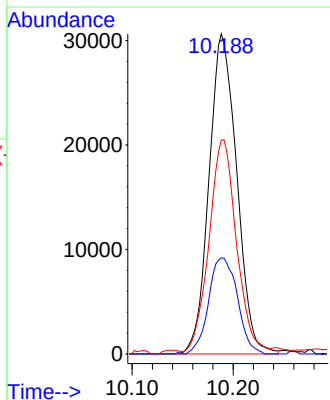
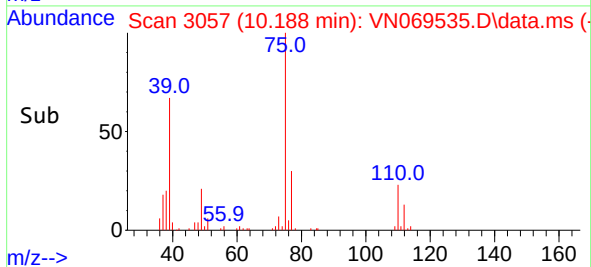
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

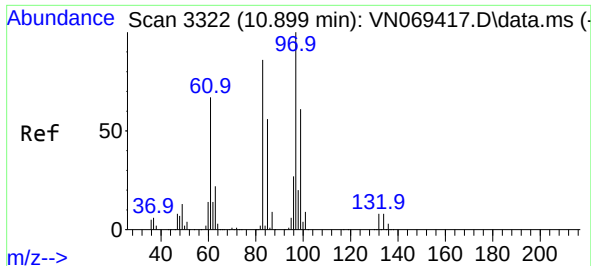


#54
cis-1,3-Dichloropropene
Concen: 3.612 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28



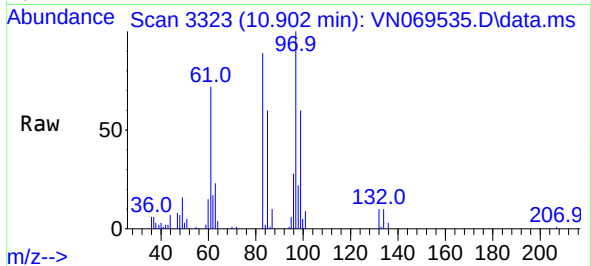
Tgt Ion: 75 Resp: 58355
Ion Ratio Lower Upper
75 100
77 30.0 26.4 39.6
39 65.8 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 4.426 ug/l
RT: 10.902 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

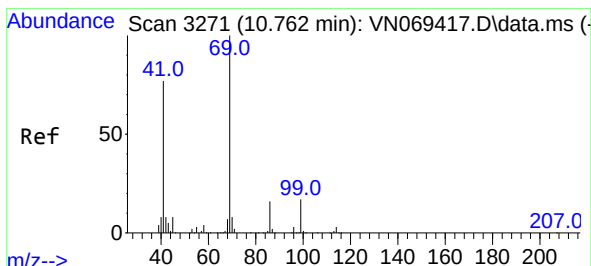
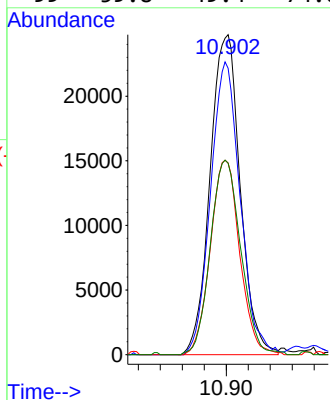
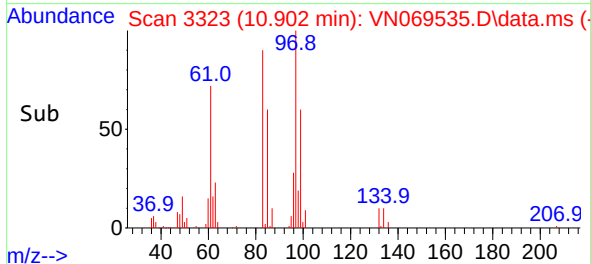
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



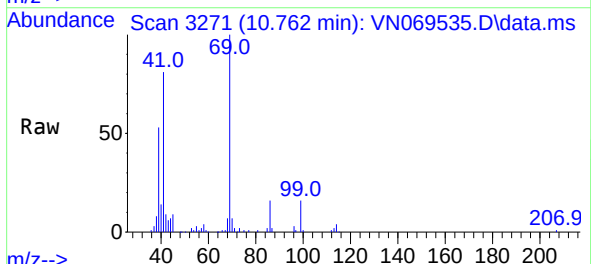
Tgt Ion: 97 Resp: 4716
Ion Ratio Lower Upper
97 100
83 89.5 67.8 101.6
85 59.9 45.4 68.2
99 59.8 49.4 74.0

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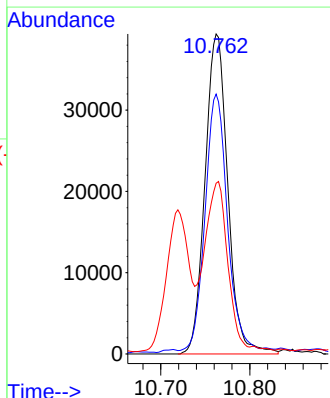
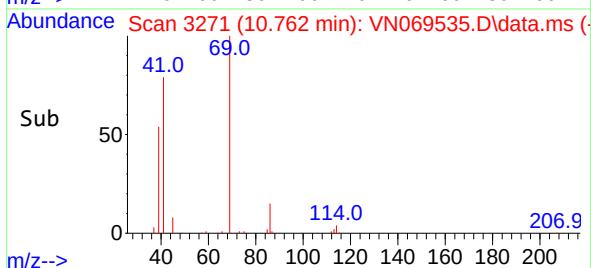
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

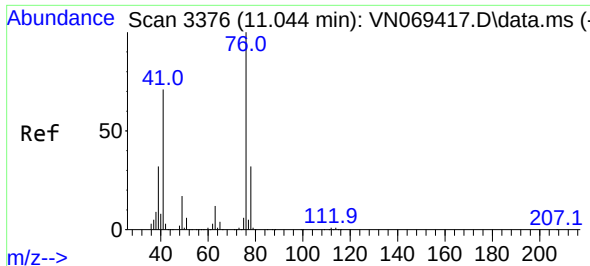


#56
Ethyl methacrylate
Concen: 3.968 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28



Tgt Ion: 69 Resp: 69997
Ion Ratio Lower Upper
69 100
41 78.1 51.4 77.0#
39 50.6 34.6 52.0





#57

1,3-Dichloropropane

Concen: 4.284 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN069535.D

Acq: 17 Nov 2021 17:28

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 76 Resp: 8021

Ion Ratio Lower Upper

76 100

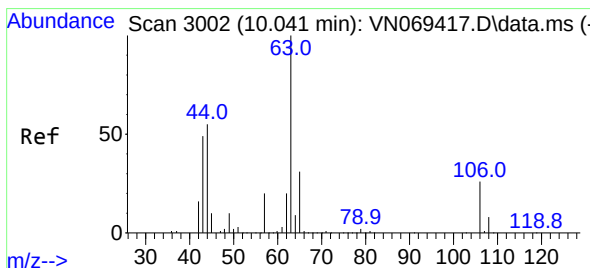
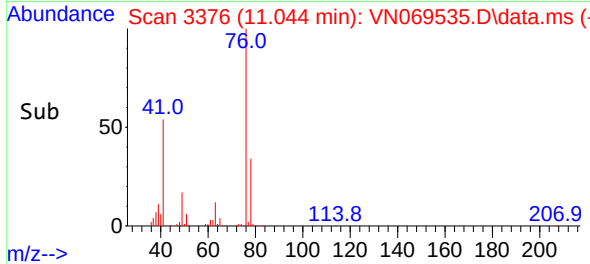
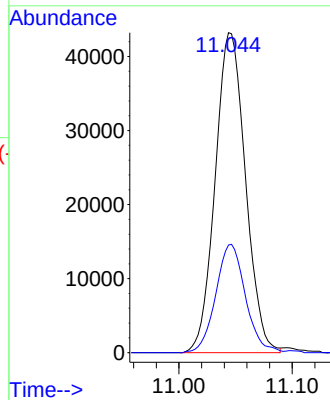
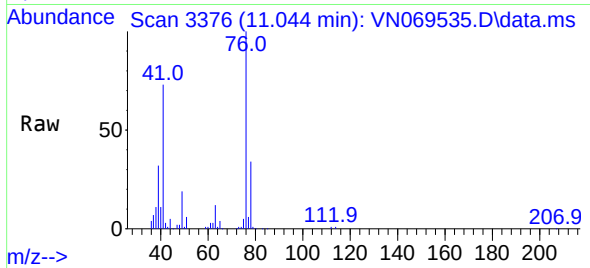
78 33.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#58

2-Chloroethyl Vinyl ether

Concen: 21.330 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.002 min

Lab File: VN069535.D

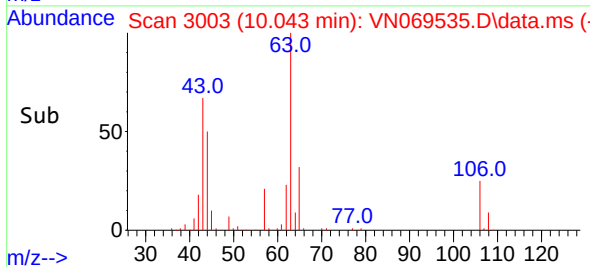
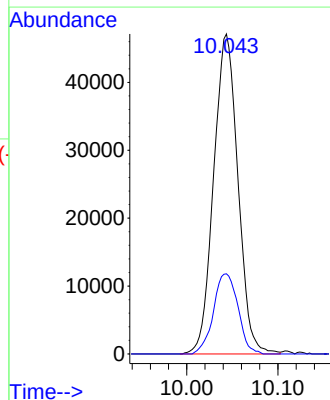
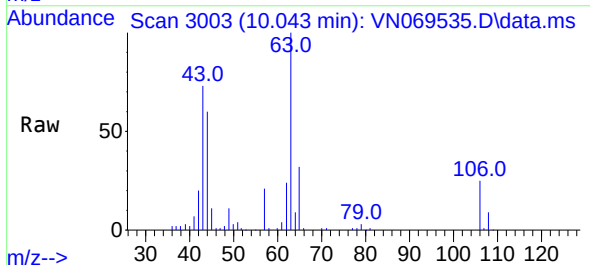
Acq: 17 Nov 2021 17:28

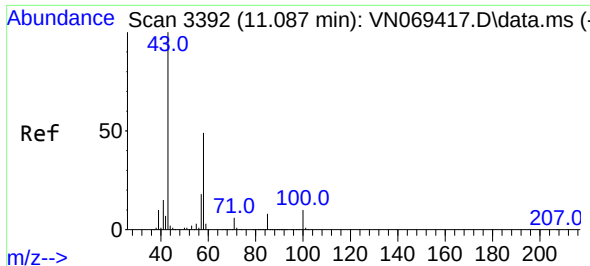
Tgt Ion: 63 Resp: 87185

Ion Ratio Lower Upper

63 100

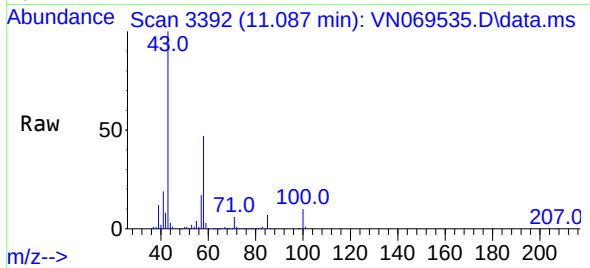
106 25.3 23.9 35.9





#59
2-Hexanone
Concen: 21.711 ug/l
RT: 11.087 min Scan# 31168
Delta R.T. -0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

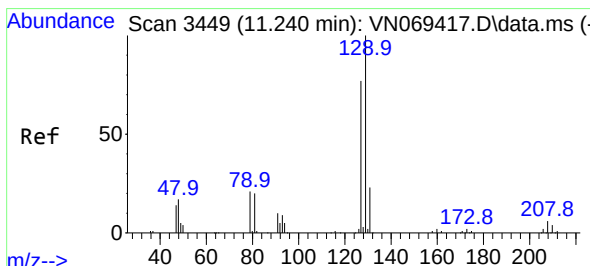
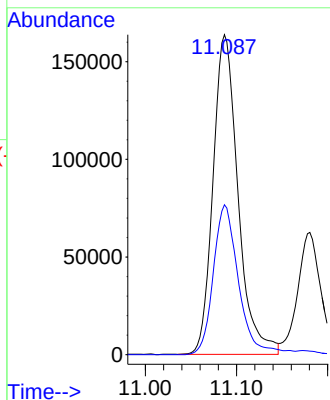
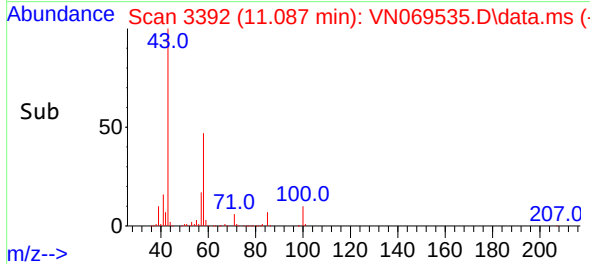
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 43 Resp: 31168
Ion Ratio Lower Upper
43 100
58 47.5 26.9 80.7

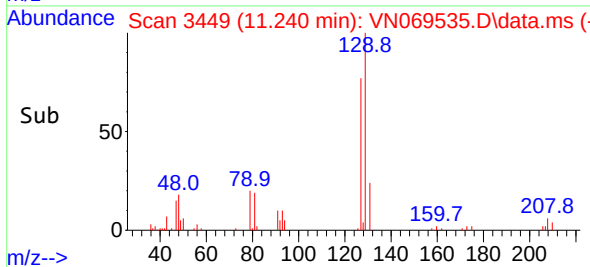
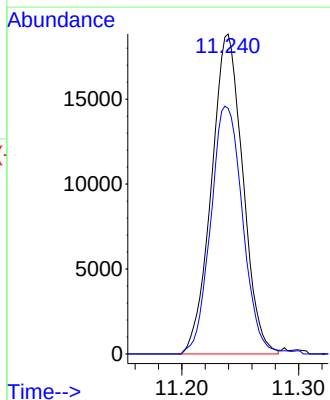
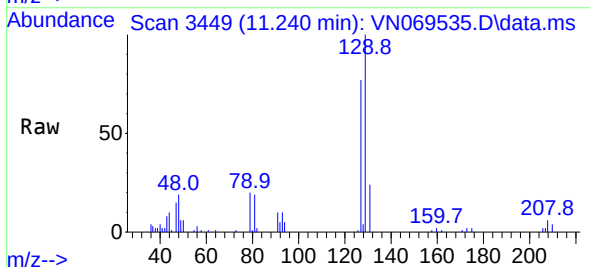
Manual Integrations
APPROVED

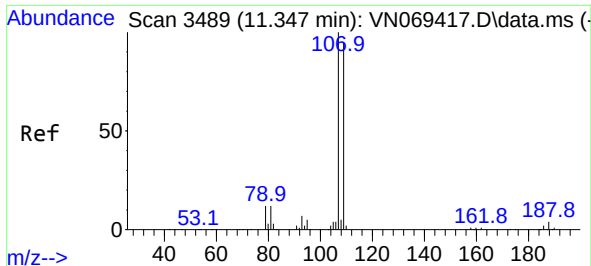
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#60
Dibromochloromethane
Concen: 3.529 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

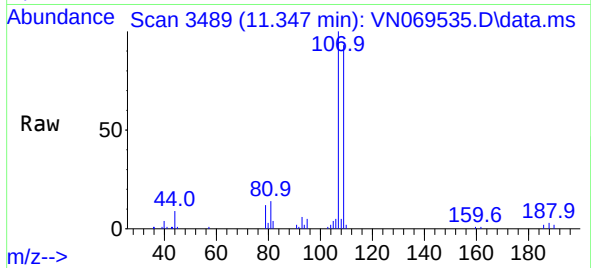
Tgt Ion:129 Resp: 35191
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 4.183 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

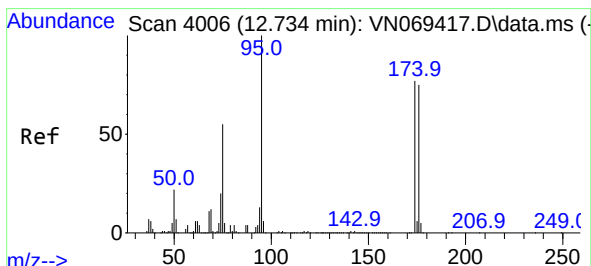
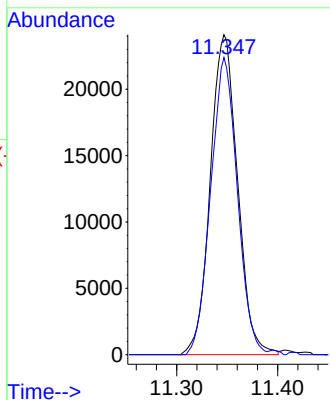
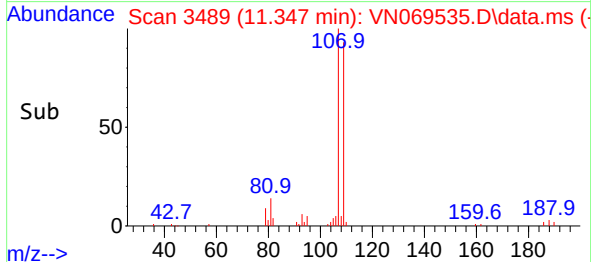
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



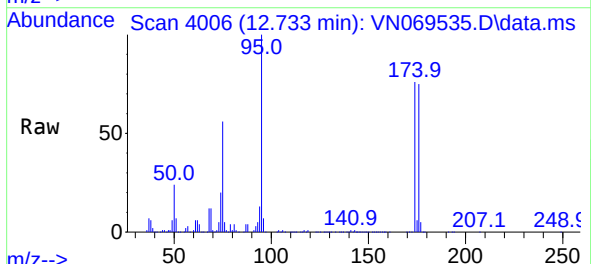
Tgt Ion:107 Resp: 45128
Ion Ratio Lower Upper
107 100
109 90.8 75.7 113.5

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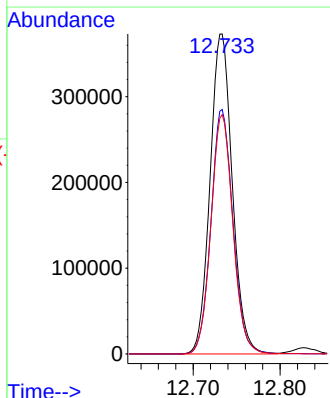
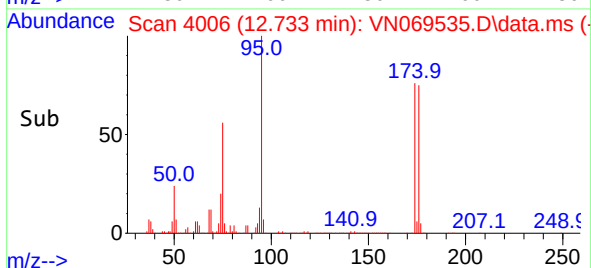
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

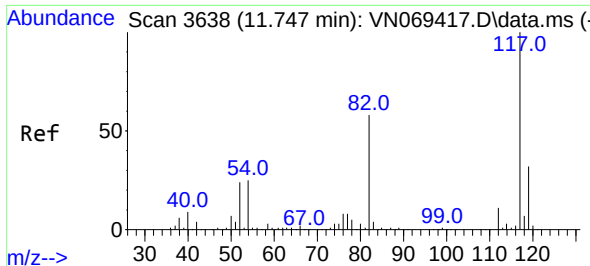


#62
4-Bromofluorobenzene
Concen: 46.880 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28



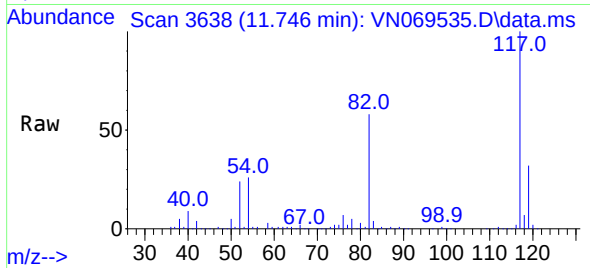
Tgt Ion: 95 Resp: 663593
Ion Ratio Lower Upper
95 100
174 75.6 0.0 187.2
176 73.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

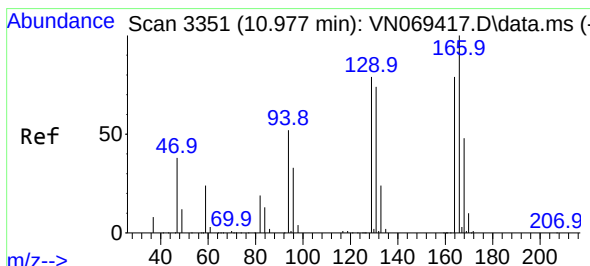
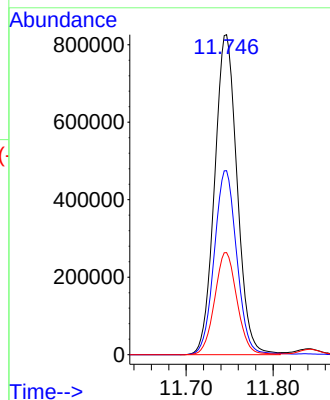
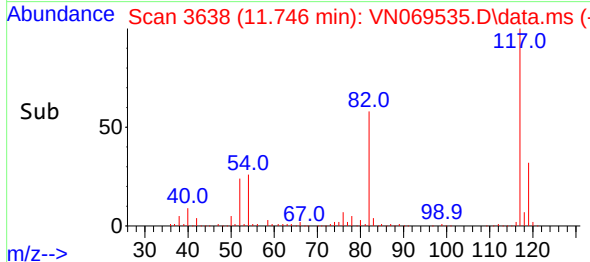
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



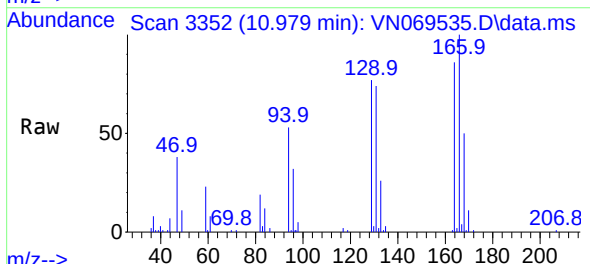
Tgt Ion:117 Resp: 1487970
Ion Ratio Lower Upper
117 100
82 57.5 42.4 63.6
119 31.9 25.4 38.2

Manual Integrations
APPROVED

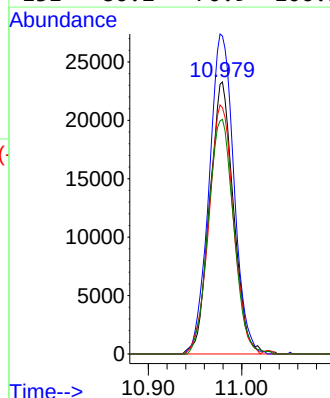
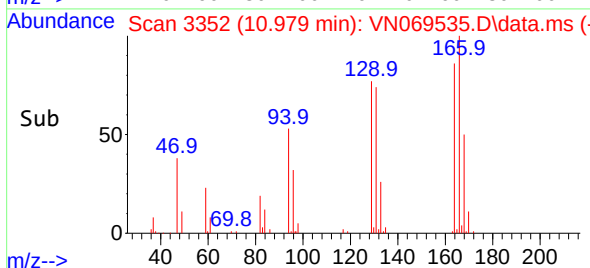
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

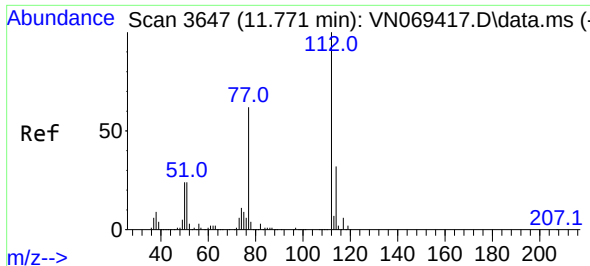


#64
Tetrachloroethene
Concen: 4.633 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.002 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28



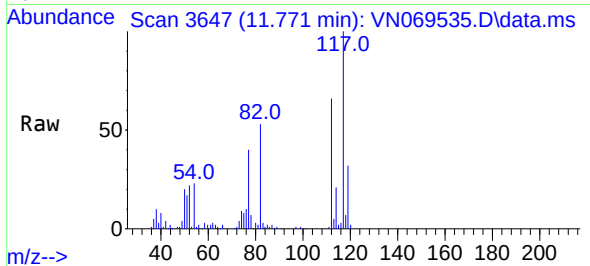
Tgt Ion:164 Resp: 41621
Ion Ratio Lower Upper
164 100
166 116.9 101.9 152.9
129 90.5 72.0 108.0
131 86.2 70.9 106.3





#65
Chlorobenzene
Concen: 4.289 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

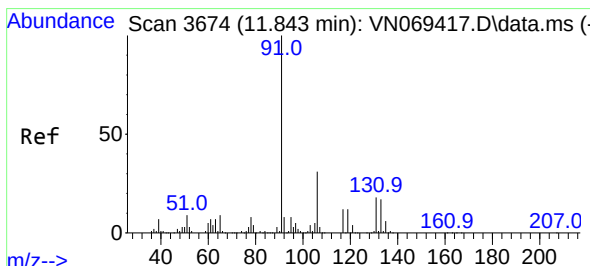
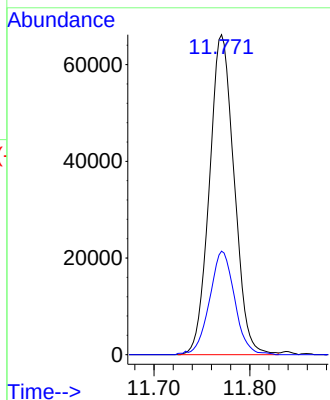
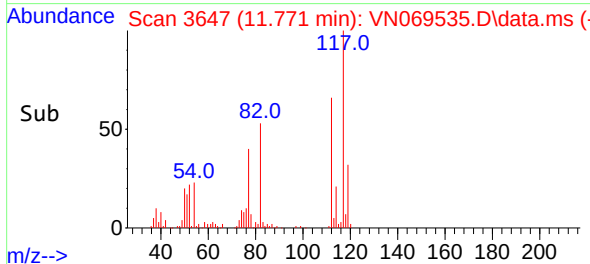
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2021



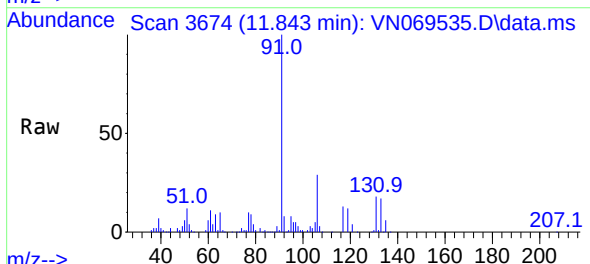
Tgt Ion:112 Resp: 118780
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0

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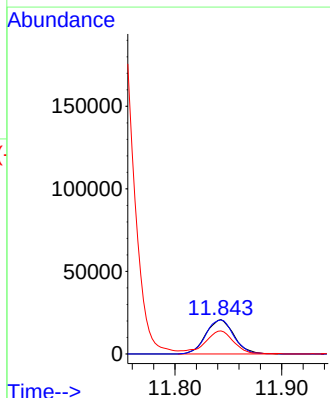
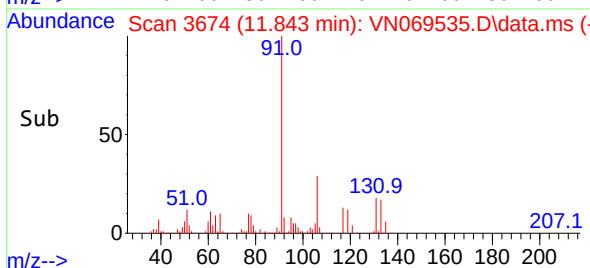
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

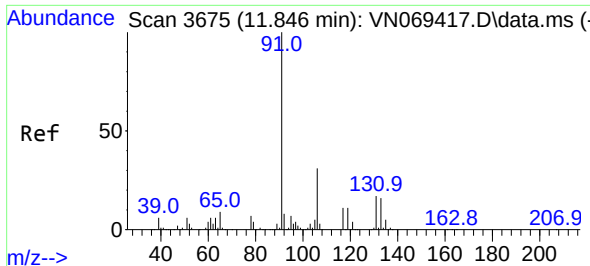


#66
1,1,1,2-Tetrachloroethane
Concen: 3.950 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28



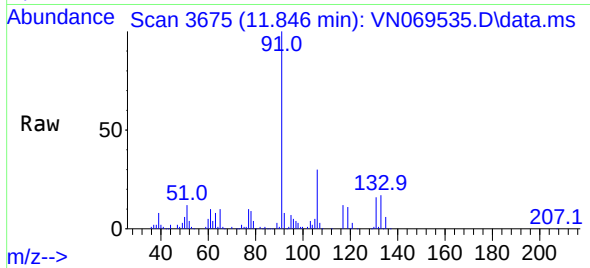
Tgt Ion:131 Resp: 37946
Ion Ratio Lower Upper
131 100
133 99.0 47.9 143.7
119 65.8 32.1 96.5





#67
Ethyl Benzene
Concen: 4.108 ug/l
RT: 11.846 min Scan# 3075
Delta R.T. -0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

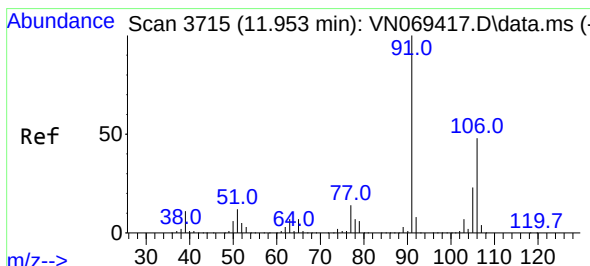
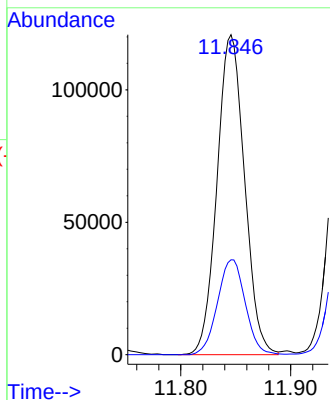
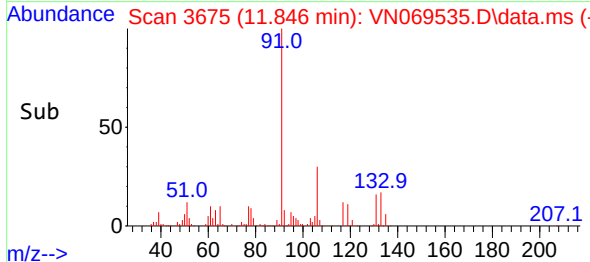
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



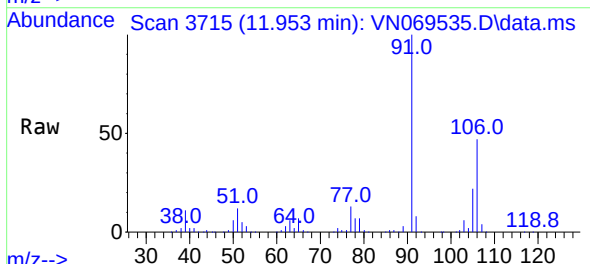
Tgt Ion: 91 Resp: 20985
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5

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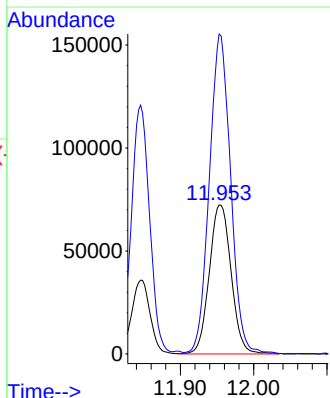
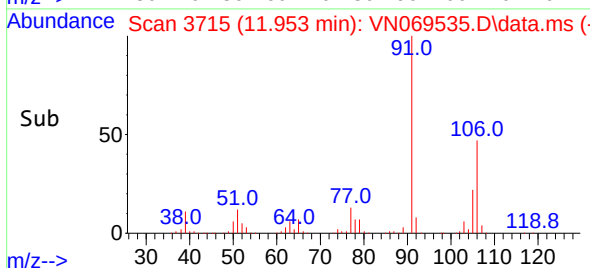
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

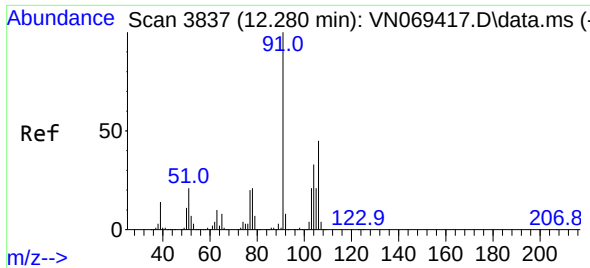


#68
m/p-Xylenes
Concen: 7.988 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28



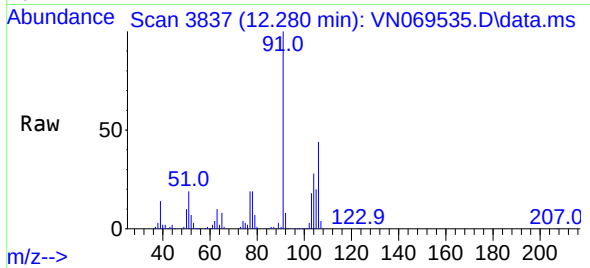
Tgt Ion:106 Resp: 150073
Ion Ratio Lower Upper
106 100
91 209.2 160.6 240.8





#69
o-Xylene
Concen: 4.106 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

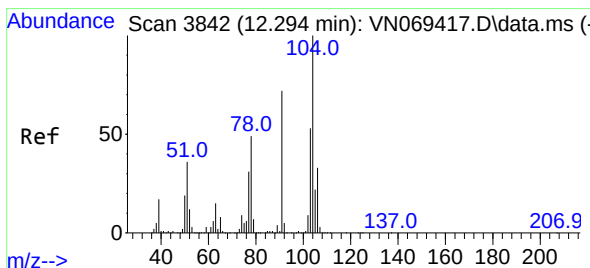
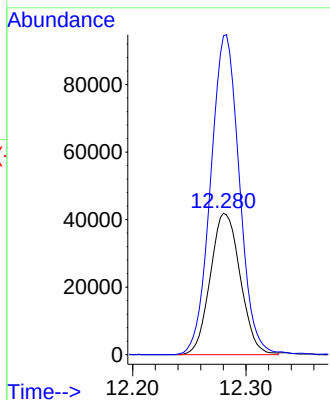
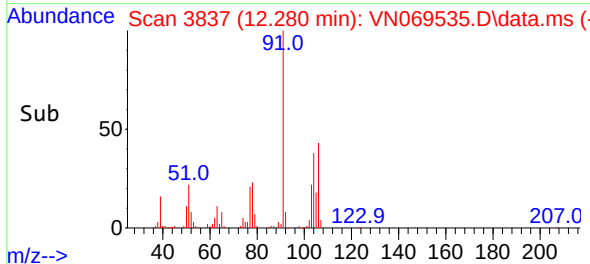
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



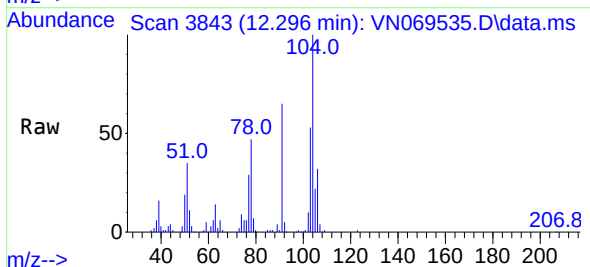
Tgt Ion:106 Resp: 7689
Ion Ratio Lower Upper
106 100
91 217.4 105.8 317.3

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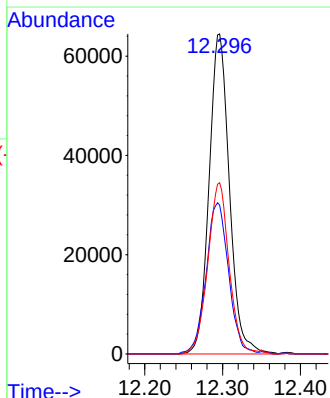
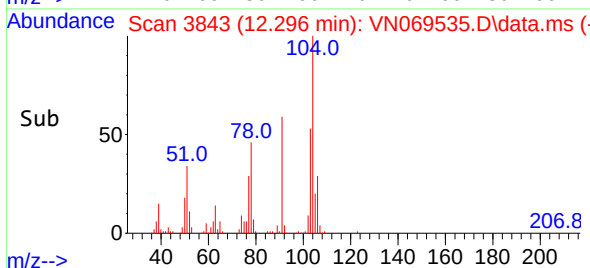
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

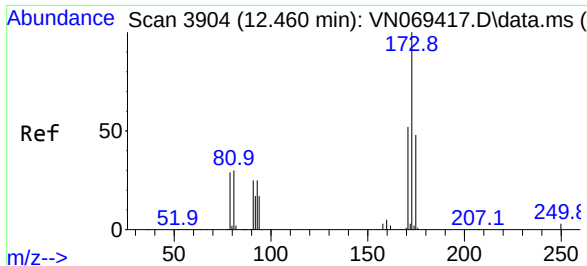


#70
Styrene
Concen: 3.889 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28



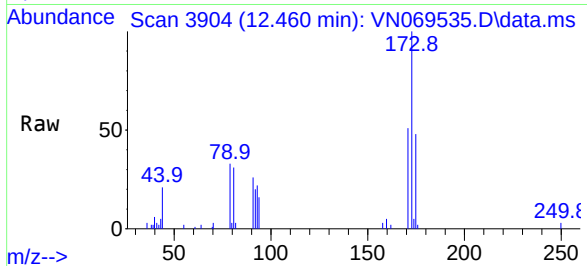
Tgt Ion:104 Resp: 117006
Ion Ratio Lower Upper
104 100
78 52.4 38.7 58.1
103 56.0 45.0 67.6





#71
Bromoform
Concen: 3.284 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

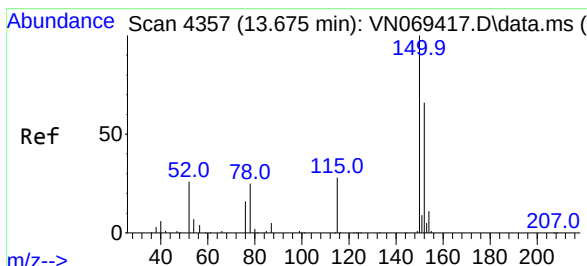
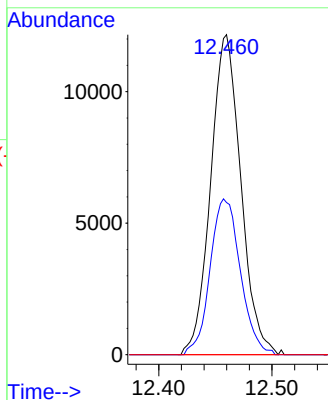
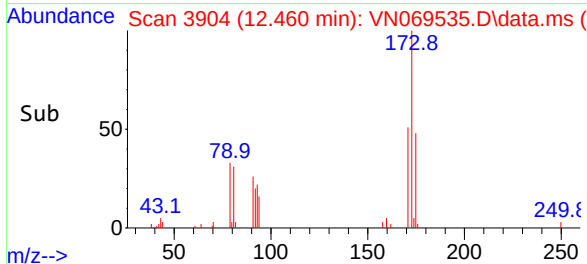
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



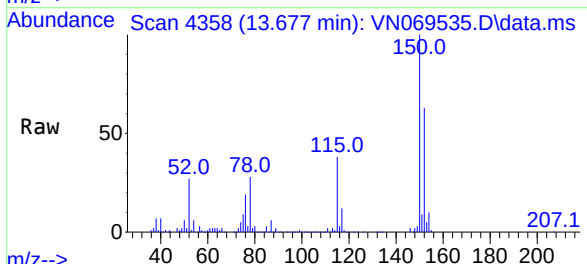
Tgt Ion:173 Resp: 2251
Ion Ratio Lower Upper
173 100
175 48.9 24.2 72.6
254 0.0 0.0 0.0

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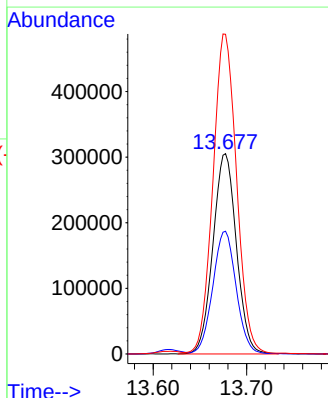
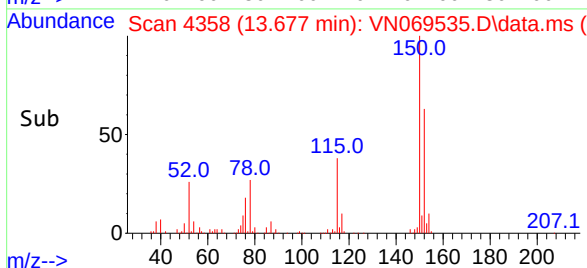
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

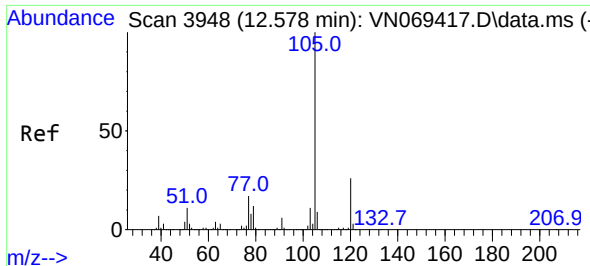


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28



Tgt Ion:152 Resp: 532600
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 159.9 0.0 344.4





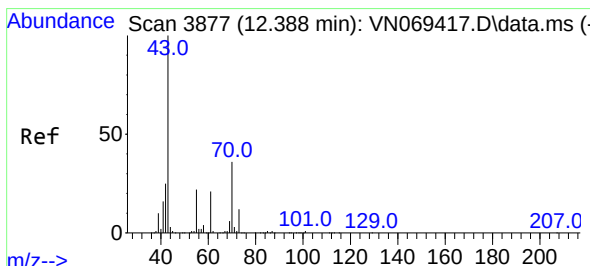
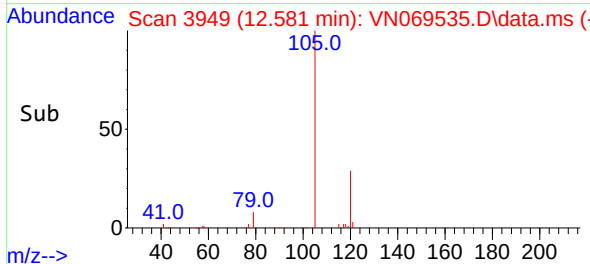
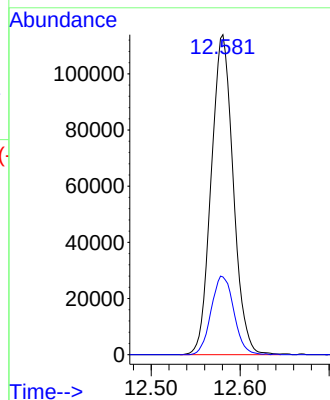
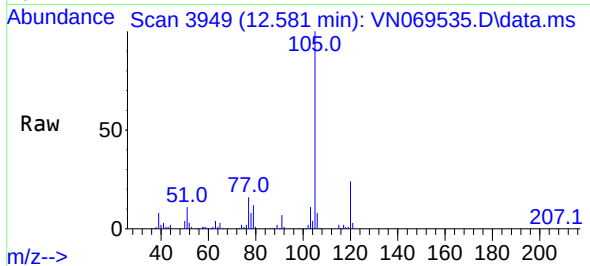
#73
Isopropylbenzene
Concen: 4.617 ug/l
RT: 12.581 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

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

Tgt Ion:105 Resp: 195780
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.1

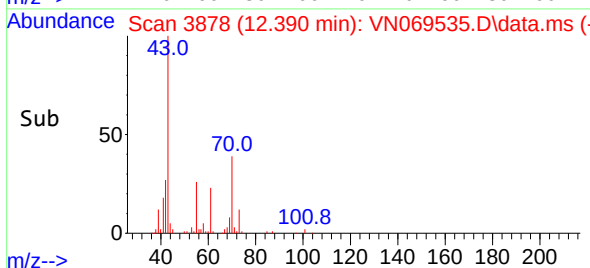
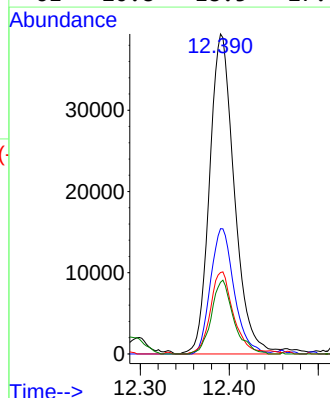
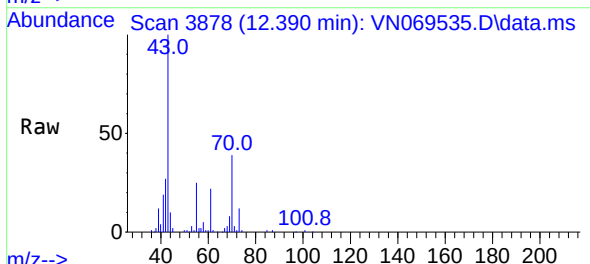
Manual Integrations
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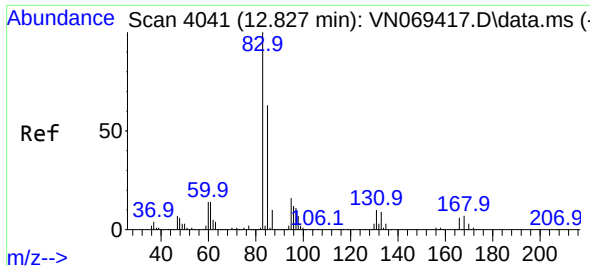
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#74
N-ethyl acetate
Concen: 4.223 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

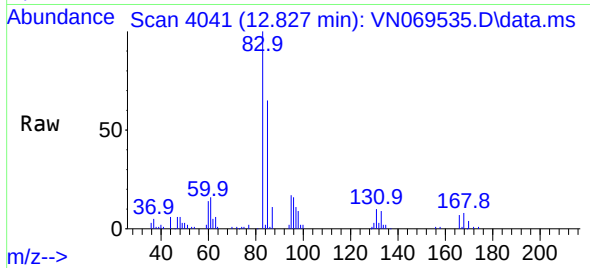
Tgt Ion: 43 Resp: 75900
Ion Ratio Lower Upper
43 100
70 37.6 33.4 50.0
55 24.0 19.3 28.9
61 20.8 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 5.073 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

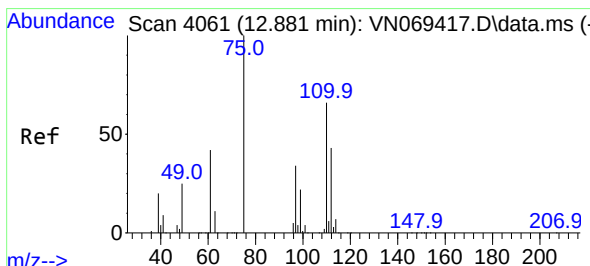
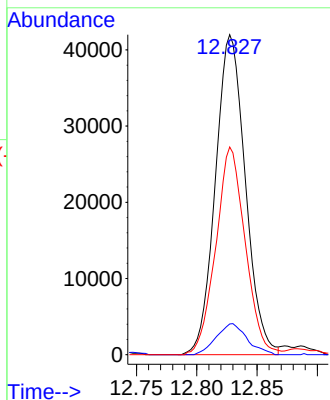
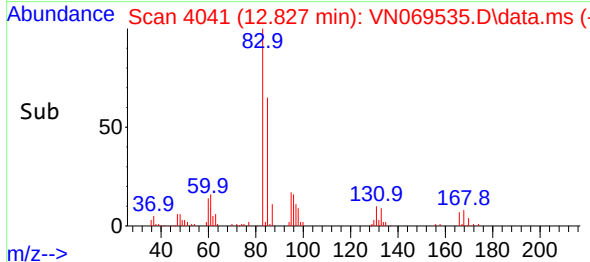
Instrument : MSVOA_N
ClientSampleId : VN069535.D
LOQ-WATER-02-QT4-2021



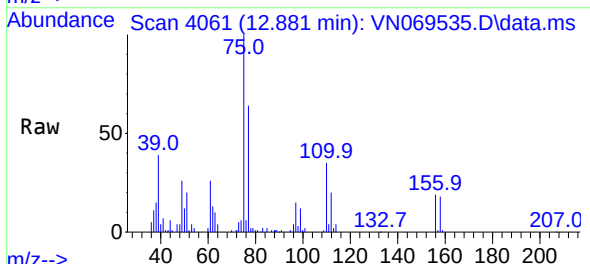
Tgt Ion: 83 Resp: 72550
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 63.7 32.4 97.2

Manual Integrations
APPROVED

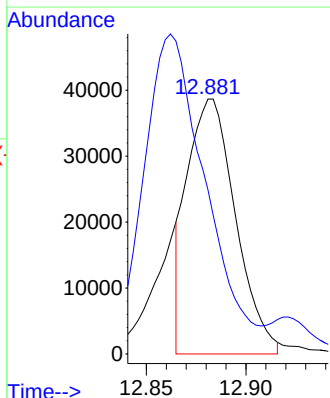
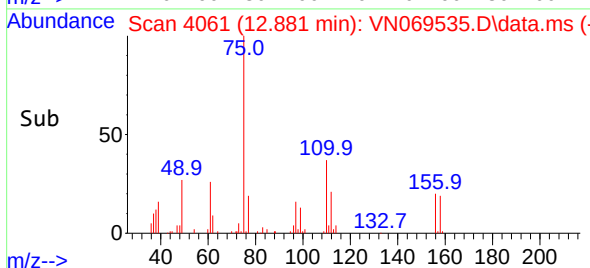
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

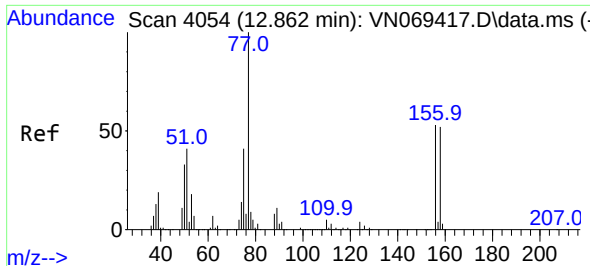


#76
1,2,3-Trichloropropane
Concen: 5.299 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28



Tgt Ion: 75 Resp: 65134
Ion Ratio Lower Upper
75 100
77 161.4 82.6 247.8





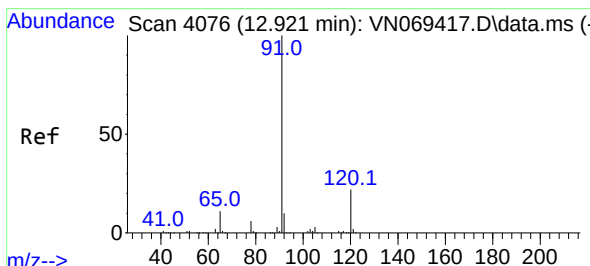
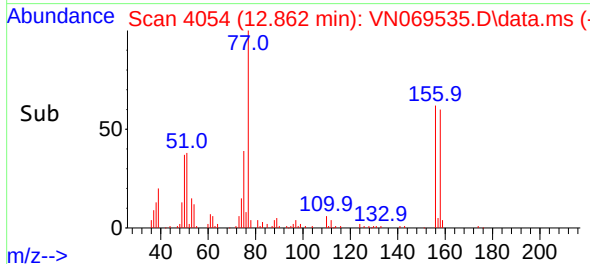
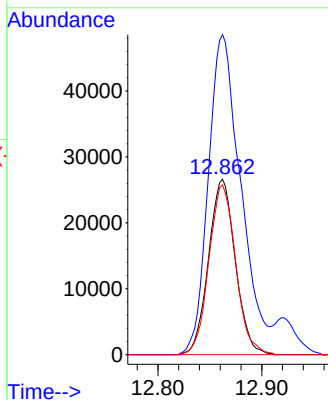
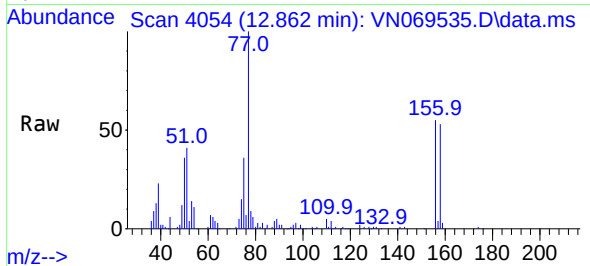
#77
Bromobenzene
Concen: 4.919 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

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

Tgt Ion:156 Resp: 4770
Ion Ratio Lower Upper
156 100
77 220.3 90.6 271.8
158 96.7 48.9 146.7

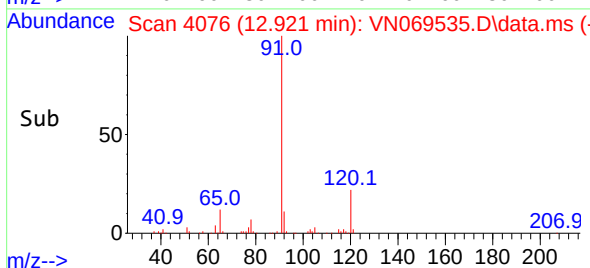
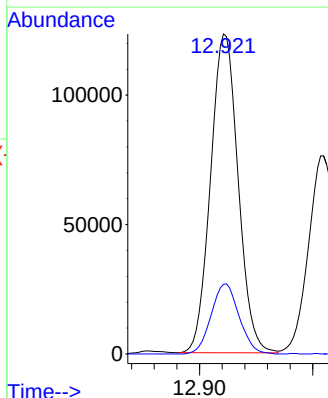
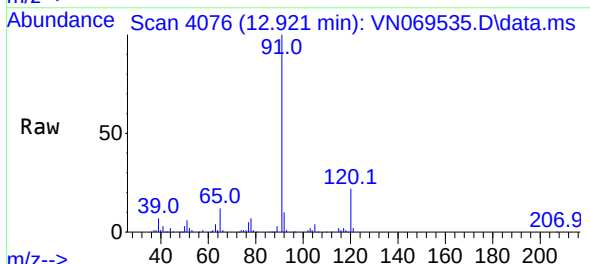
Manual Integrations
APPROVED

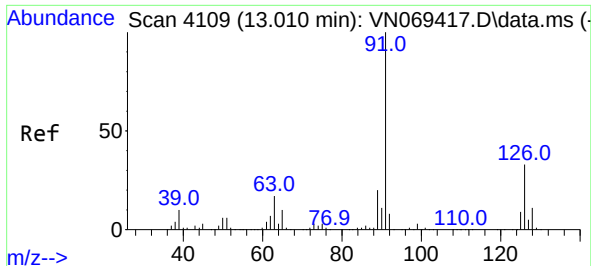
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#78
n-propylbenzene
Concen: 4.362 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

Tgt Ion: 91 Resp: 208161
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.9





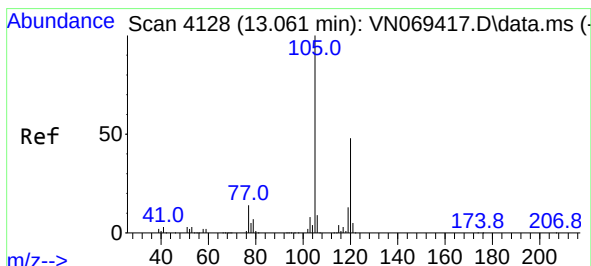
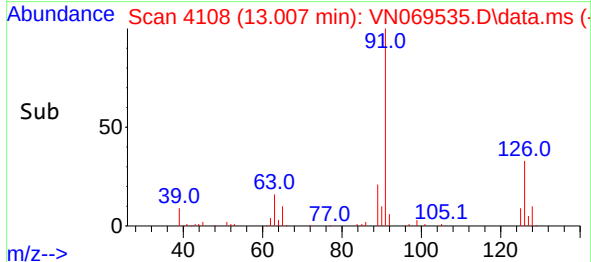
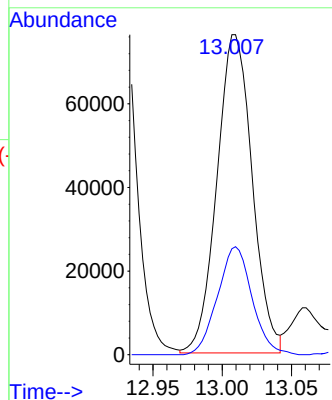
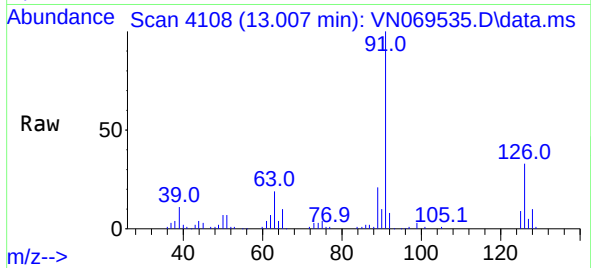
#79
2-Chlorotoluene
Concen: 4.575 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

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

Tgt Ion: 91 Resp: 135169
Ion Ratio Lower Upper
91 100
126 33.1 18.3 54.8

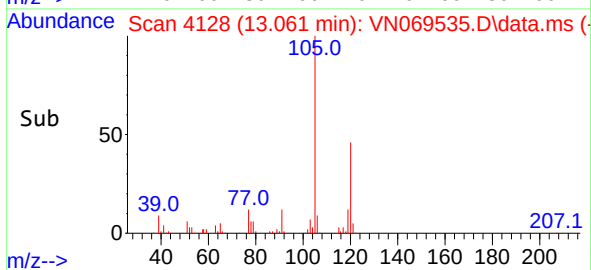
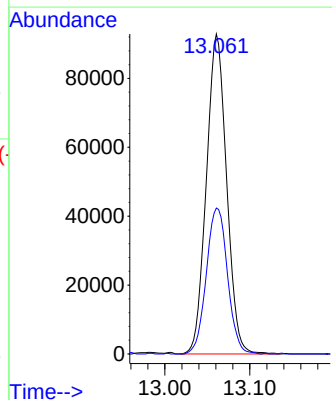
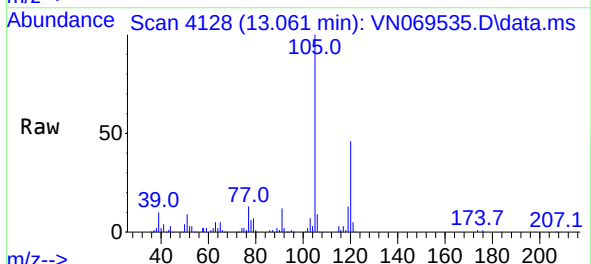
Manual Integrations
APPROVED

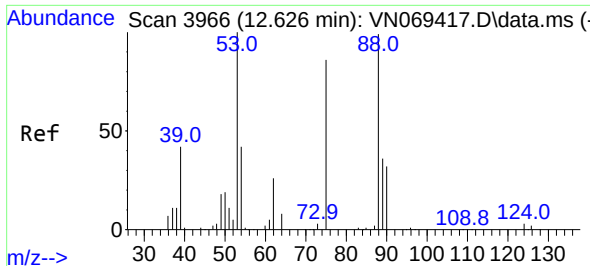
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 4.488 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

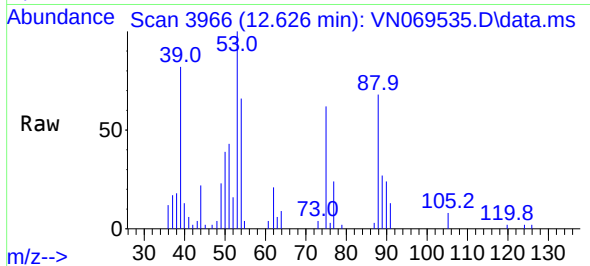
Tgt Ion:105 Resp: 153857
Ion Ratio Lower Upper
105 100
120 47.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 3.033 ug/l m
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

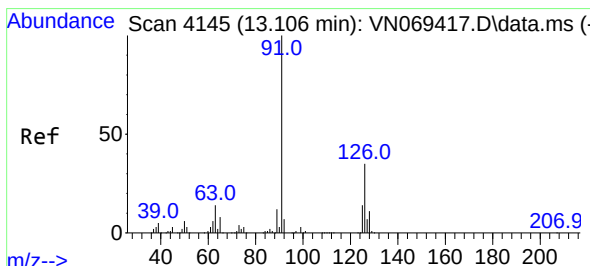
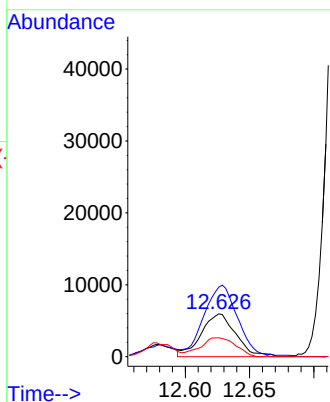
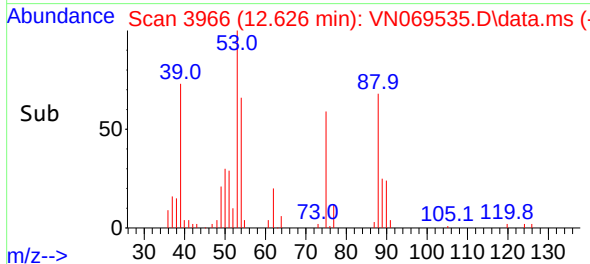
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



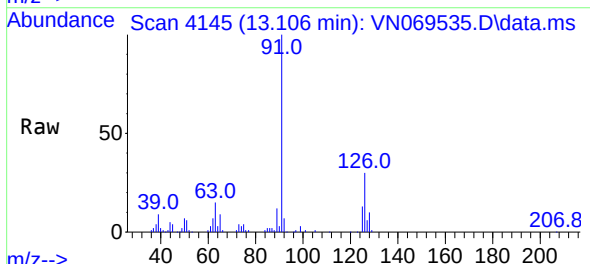
Tgt Ion: 75 Resp: 11109
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 0.0 38.2 57.4

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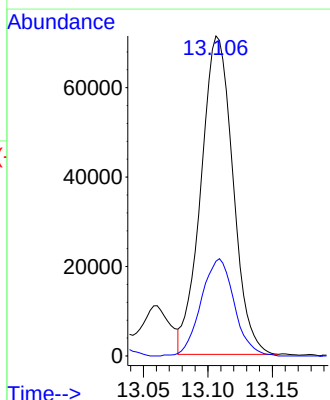
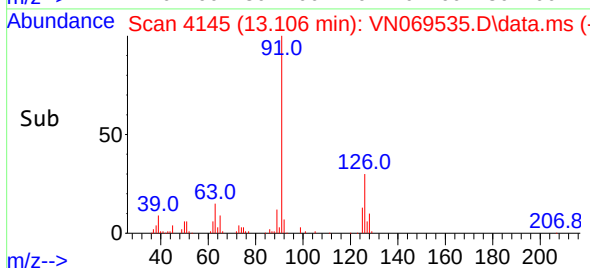
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

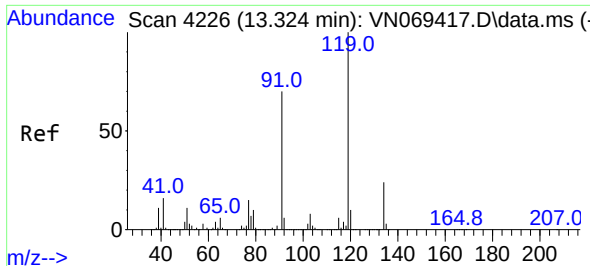


#82
4-Chlorotoluene
Concen: 4.360 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28



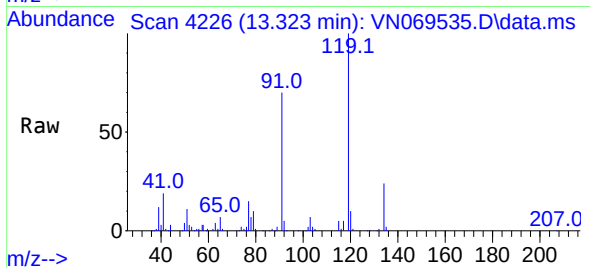
Tgt Ion: 91 Resp: 122789
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 4.511 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. -0.001 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

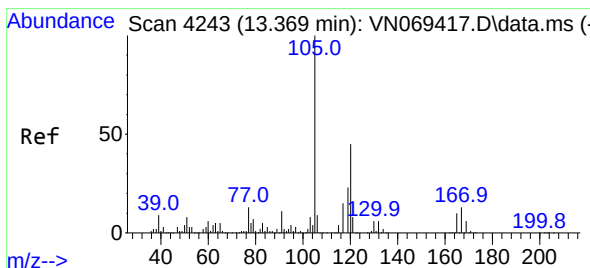
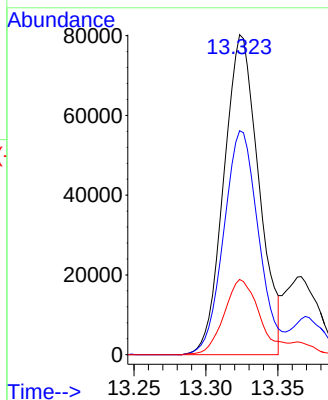
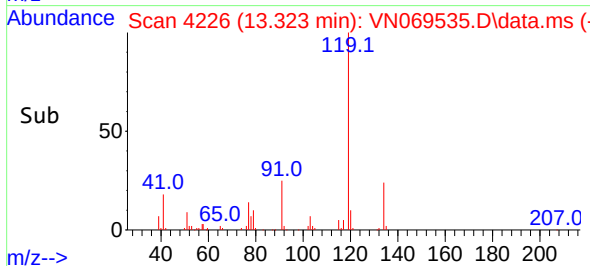
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



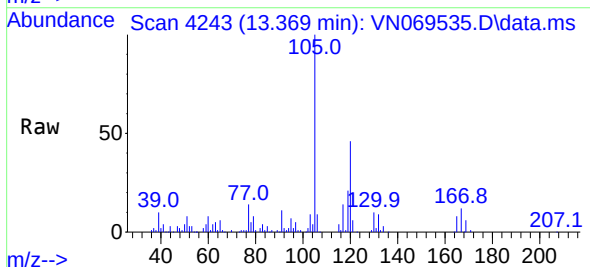
Tgt Ion:119 Resp: 135510
Ion Ratio Lower Upper
119 100
91 70.5 31.5 94.5
134 24.4 12.4 37.4

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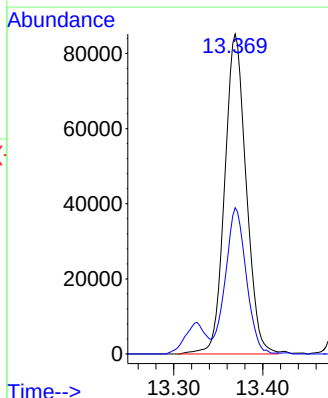
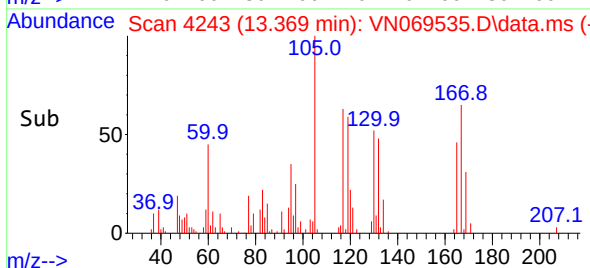
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

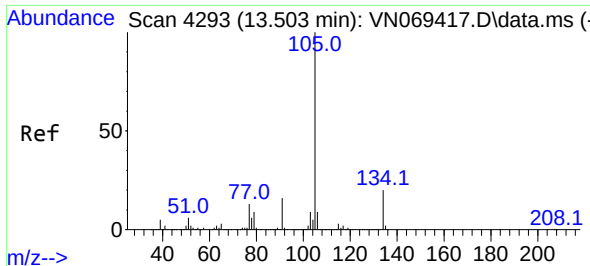


#84
1,2,4-Trimethylbenzene
Concen: 4.310 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28



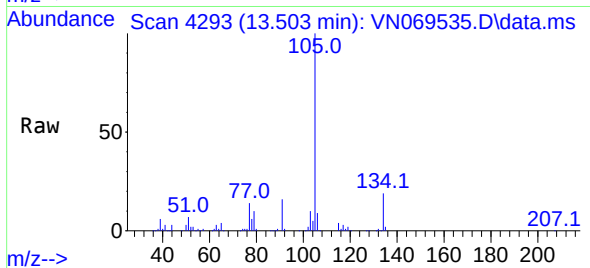
Tgt Ion:105 Resp: 142652
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 4.251 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069535.D
 Acq: 17 Nov 2021 17:28

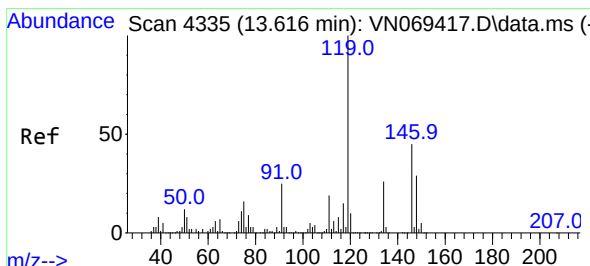
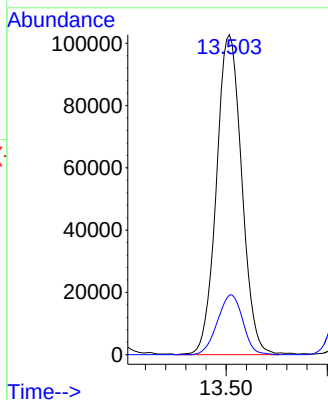
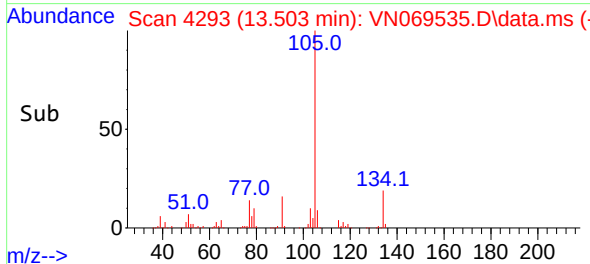
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



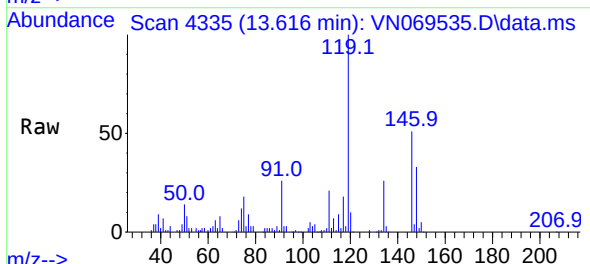
Tgt Ion:105 Resp: 17840
 Ion Ratio Lower Upper
 105 100
 134 18.7 10.4 31.1

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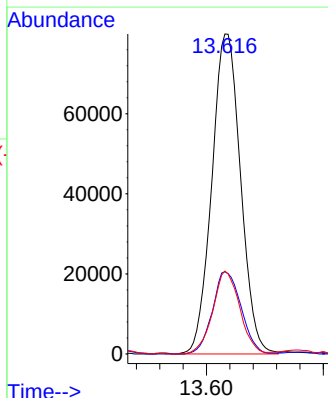
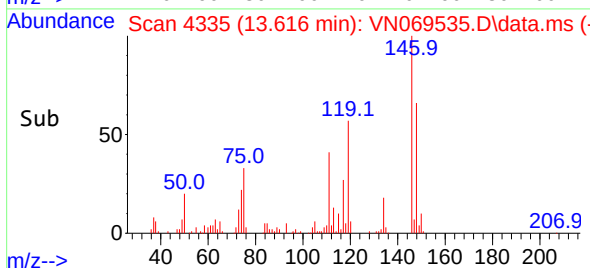
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

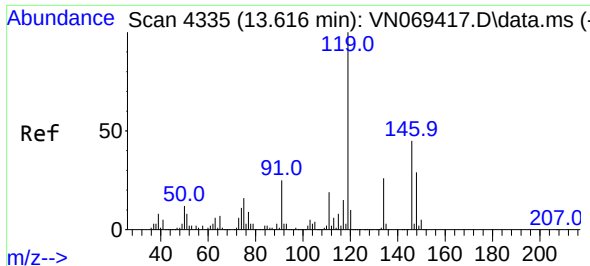


#86
 p-Isopropyltoluene
 Concen: 4.105 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069535.D
 Acq: 17 Nov 2021 17:28



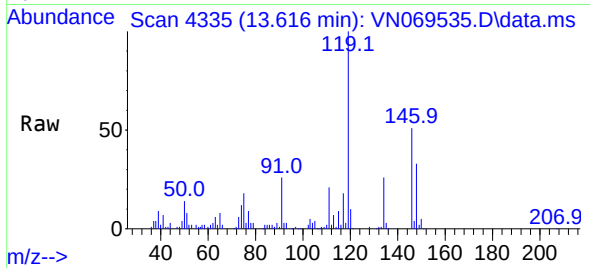
Tgt Ion:119 Resp: 136741
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 24.4 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 4.292 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

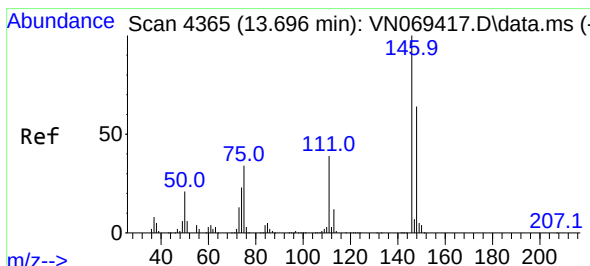
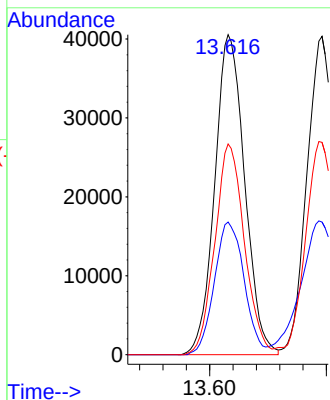
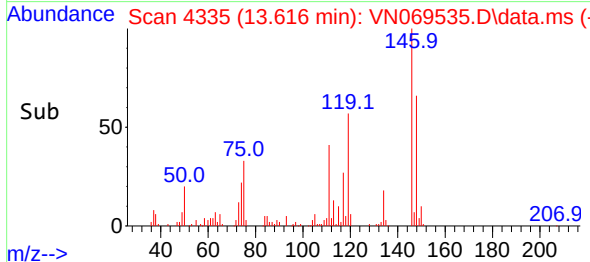
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



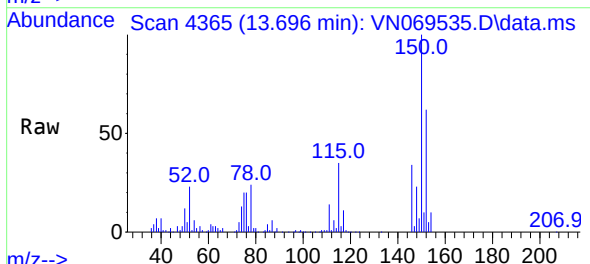
Tgt Ion:146 Resp: 7216
Ion Ratio Lower Upper
146 100
111 41.2 18.6 55.6
148 65.0 31.6 95.0

Manual Integrations
APPROVED

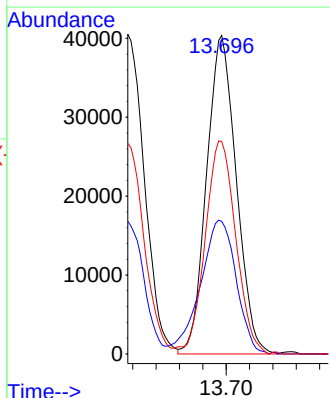
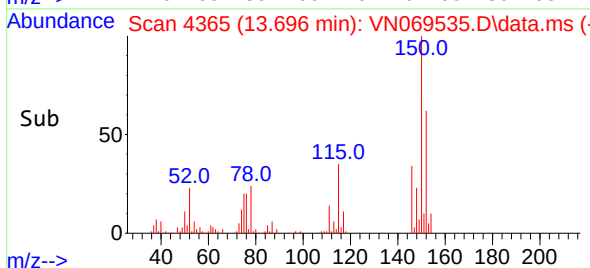
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

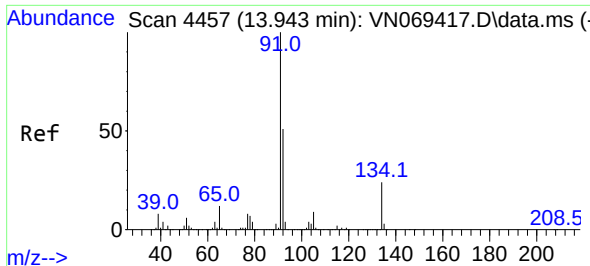


#88
1,4-Dichlorobenzene
Concen: 4.325 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28



Tgt Ion:146 Resp: 71334
Ion Ratio Lower Upper
146 100
111 50.6 18.3 54.8
148 68.9 31.8 95.4





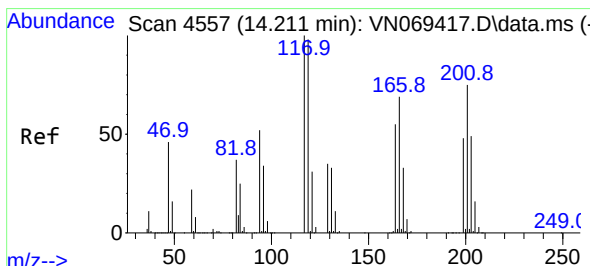
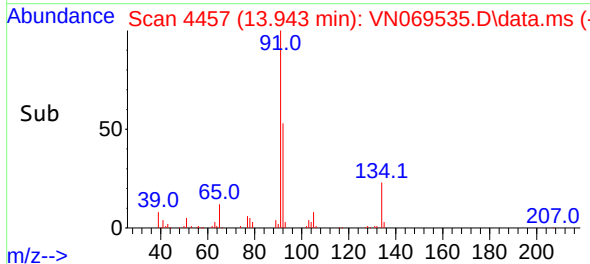
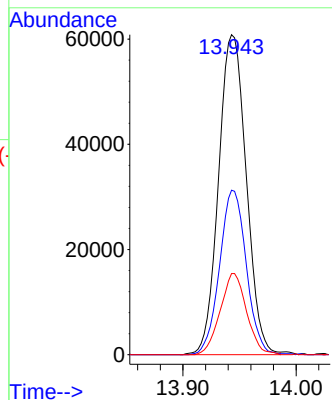
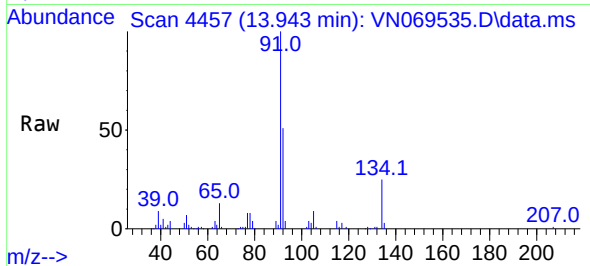
#89
n-Butylbenzene
Concen: 3.716 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

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

Tgt Ion: 91 Resp: 10323
Ion Ratio Lower Upper
91 100
92 49.7 25.4 76.0
134 24.2 13.6 40.8

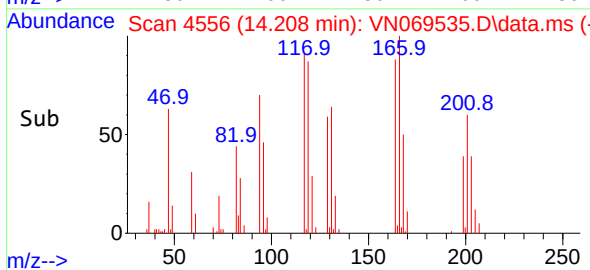
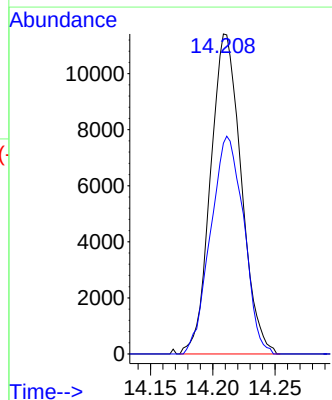
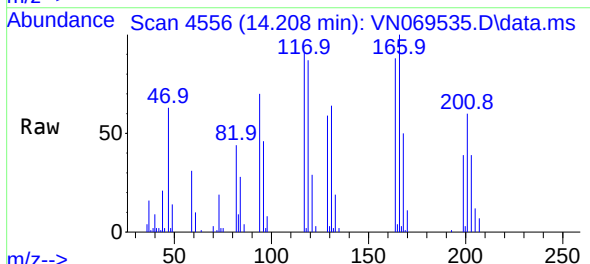
Manual Integrations
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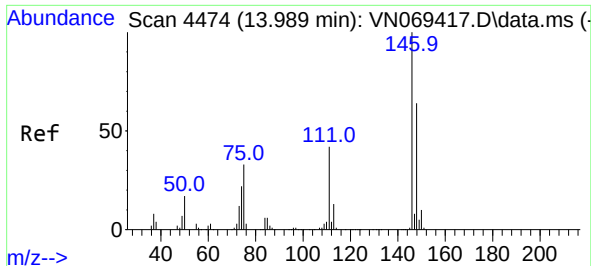
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 3.578 ug/l
RT: 14.208 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

Tgt Ion:117 Resp: 19547
Ion Ratio Lower Upper
117 100
201 73.4 43.9 131.6





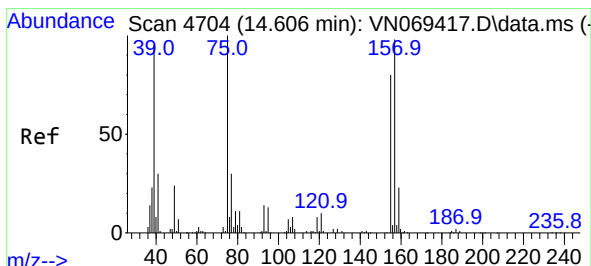
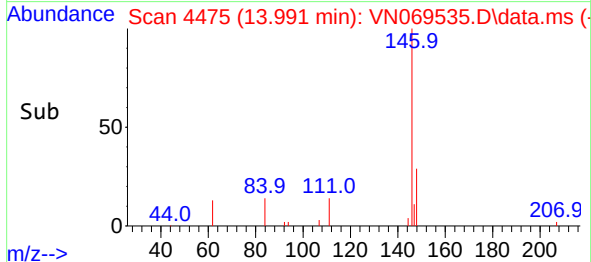
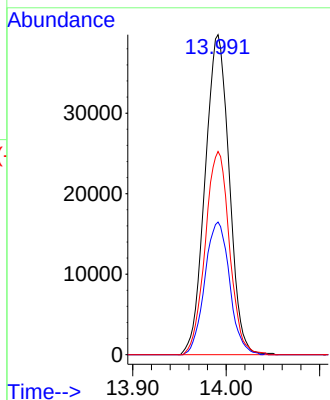
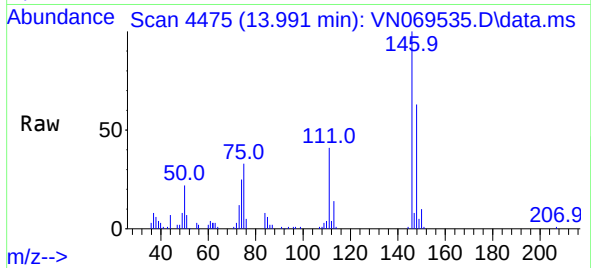
#91
1,2-Dichlorobenzene
Concen: 4.465 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.002 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

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

Tgt Ion:146 Resp: 7144
Ion Ratio Lower Upper
146 100
111 42.6 19.1 57.3
148 63.9 32.1 96.3

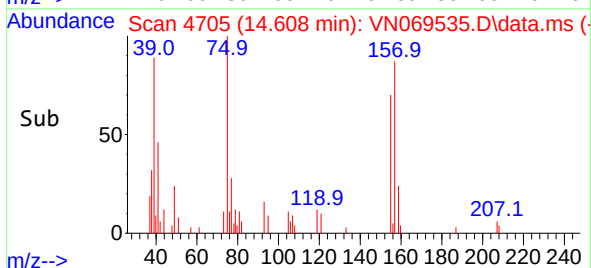
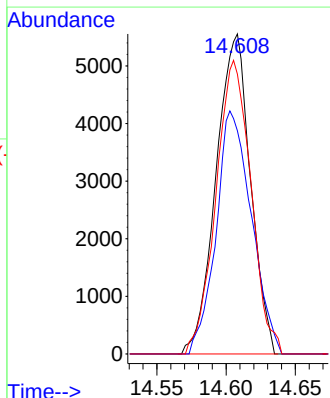
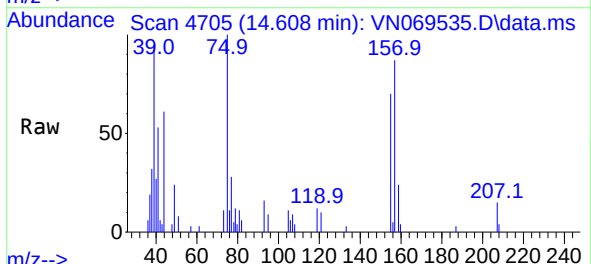
Manual Integrations
APPROVED

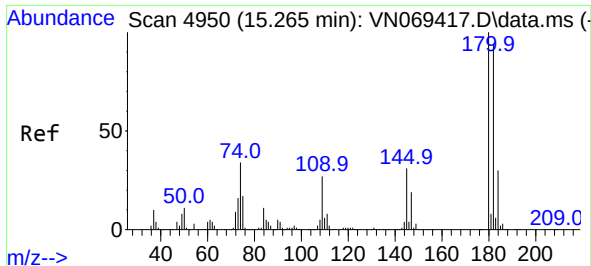
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.145 ug/l
RT: 14.608 min Scan# 4705
Delta R.T. 0.002 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

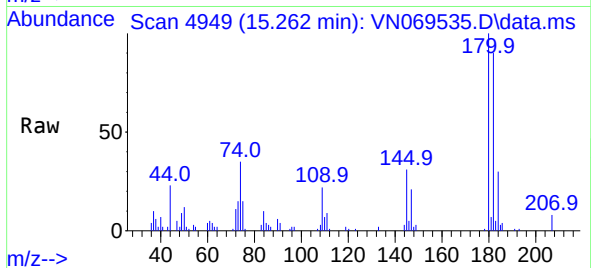
Tgt Ion: 75 Resp: 9579
Ion Ratio Lower Upper
75 100
155 78.2 46.9 140.7
157 93.7 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 3.819 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

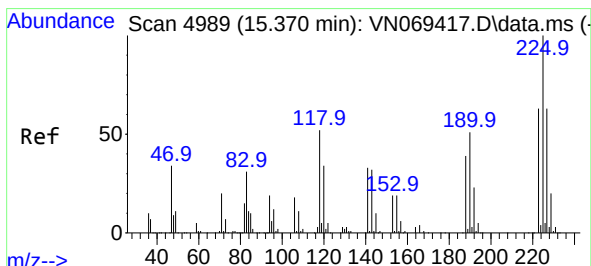
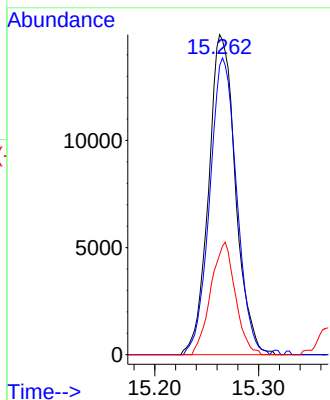
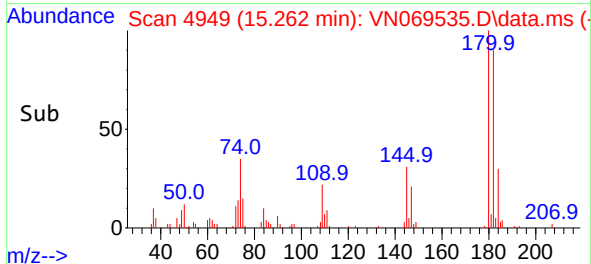
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



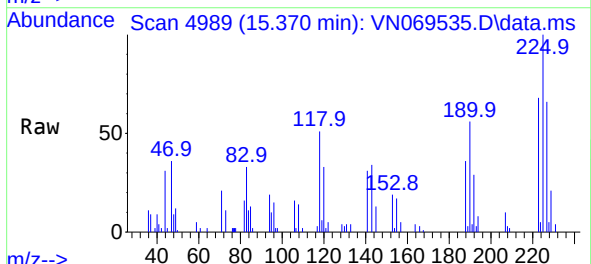
Tgt Ion:180 Resp: 26924
Ion Ratio Lower Upper
180 100
182 92.6 48.3 144.9
145 32.1 14.5 43.5

Manual Integrations
APPROVED

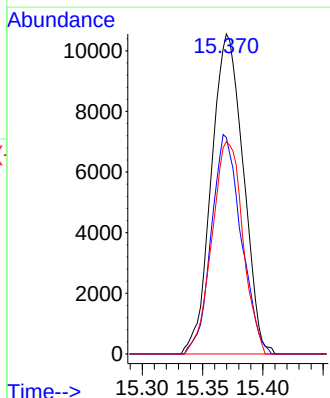
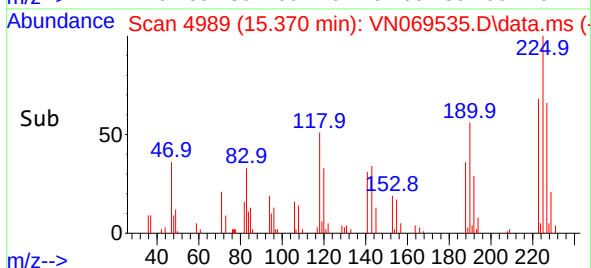
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

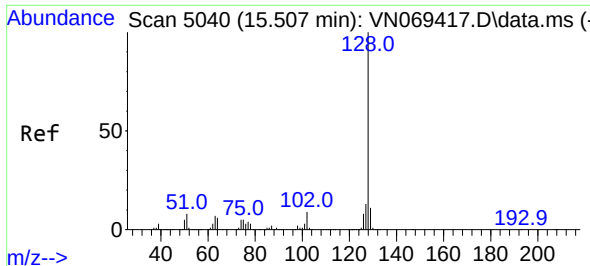


#94
Hexachlorobutadiene
Concen: 4.662 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28



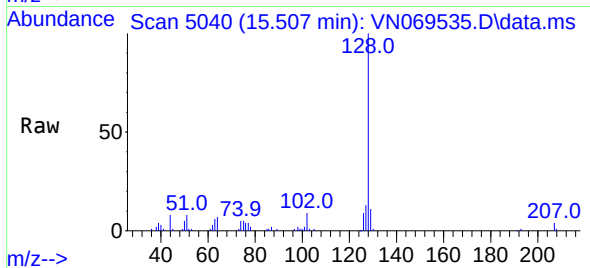
Tgt Ion:225 Resp: 19383
Ion Ratio Lower Upper
225 100
223 64.3 31.9 95.7
227 64.3 32.1 96.3





#95
Naphthalene
Concen: 3.747 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28

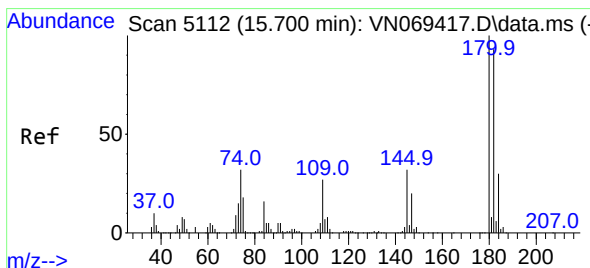
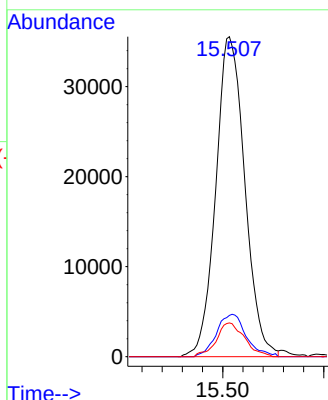
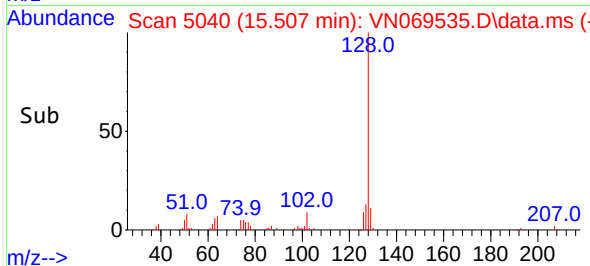
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



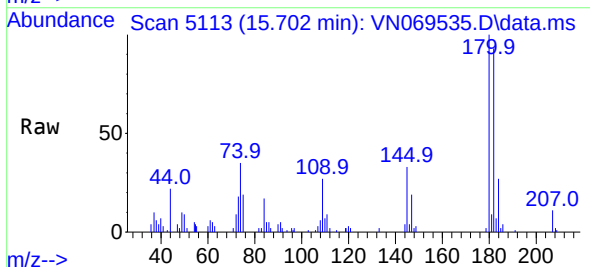
Tgt Ion:128 Resp: 7082
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.3 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 4.144 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN069535.D
Acq: 17 Nov 2021 17:28



Tgt Ion:180 Resp: 27973
Ion Ratio Lower Upper
180 100
182 91.2 47.4 142.2
145 33.4 15.0 45.1

