

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111521\
 Data File : VN069493.D
 Acq On : 15 Nov 2021 16:07
 Operator : JC/MD
 Sample : M4068-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Nov 16 02:47:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 02:35:15 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	943387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1620400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1419710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	471265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	768259	56.165	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.320%			
35) Dibromofluoromethane	8.021	113	503740	51.833	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.660%			
50) Toluene-d8	10.441	98	1956302	51.182	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.360%			
62) 4-Bromofluorobenzene	12.731	95	592190	42.174	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 84.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	8487	0.842	ug/l	97
3) Chloromethane	2.303	50	13154	1.125	ug/l	96
4) Vinyl Chloride	2.448	62	10820	0.925	ug/l	94
5) Bromomethane	2.869	94	9375	1.233	ug/l	85
6) Chloroethane	3.025	64	7243	0.917	ug/l	98
7) Trichlorofluoromethane	3.382	101	15789	0.873	ug/l	89
8) Diethyl Ether	3.827	74	5483m	0.937	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.213	101	7590m	0.891	ug/l	
10) Methyl Iodide	4.420	142	8721m	0.835	ug/l	
12) 1,1-Dichloroethene	4.178	96	7728	1.011	ug/l	86
13) Acrolein	4.044	56	3391m	8.757	ug/l	
14) Allyl chloride	4.838	41	11458	0.678	ug/l #	85
15) Acrylonitrile	5.562	53	26815	4.248	ug/l	95
16) Acetone	4.296	43	39300	5.325	ug/l	97
17) Carbon Disulfide	4.521	76	14993m	0.830	ug/l	
18) Methyl Acetate	4.859	43	24675	1.029	ug/l #	76
19) Methyl tert-butyl Ether	5.618	73	27808	0.859	ug/l #	87
20) Methylene Chloride	5.093	84	12493m	1.194	ug/l	
21) trans-1,2-Dichloroethene	5.583	96	7759m	0.909	ug/l	
22) Diisopropyl ether	6.501	45	31469	0.864	ug/l #	96
23) Vinyl Acetate	6.436	43	108984	3.870	ug/l	99
24) 1,1-Dichloroethane	6.393	63	16608m	0.895	ug/l	
25) 2-Butanone	7.346	43	43582	4.361	ug/l #	86
26) 2,2-Dichloropropane	7.321	77	14334	0.988	ug/l #	66
27) cis-1,2-Dichloroethene	7.332	96	9471m	0.895	ug/l	
28) Bromochloromethane	7.659	49	10272	1.081	ug/l #	83
29) Tetrahydrofuran	7.697	42	26506	4.322	ug/l	89
30) Chloroform	7.815	83	17389	0.914	ug/l	99
31) Cyclohexane	8.086	56	39939	2.137	ug/l #	64
32) 1,1,1-Trichloroethane	8.013	97	12896	0.813	ug/l #	45
36) 1,1-Dichloropropene	8.217	75	12402	0.910	ug/l #	76
37) Ethyl Acetate	7.415	43	13910	0.755	ug/l #	89
38) Carbon Tetrachloride	8.212	117	11493	0.873	ug/l	85
39) Methylcyclohexane	9.459	83	13539	0.798	ug/l #	86
40) Benzene	8.461	78	39467	0.938	ug/l	96
41) Methacrylonitrile	7.641	41	9197	0.966	ug/l #	75

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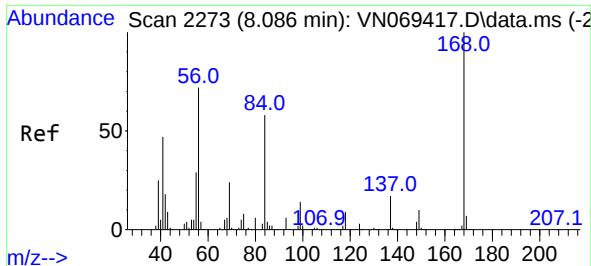
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.528	62	16820	1.021	ug/l	98
43) Isopropyl Acetate	8.560	43	25122	0.849	ug/l #	71
44) Trichloroethene	9.218	130	8558	0.850	ug/l	79
45) 1,2-Dichloropropane	9.491	63	9921	0.882	ug/l #	86
46) Dibromomethane	9.577	93	6062	0.805	ug/l #	65
47) Bromodichloromethane	9.759	83	10724	0.763	ug/l #	99
48) Methyl methacrylate	9.561	41	10430	0.749	ug/l	90
49) 1,4-Dioxane	9.580	88	3766	15.160	ug/l	90
51) 4-Methyl-2-Pentanone	10.333	43	80111	4.192	ug/l	90
52) Toluene	10.502	92	23332	0.890	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	9682	0.659	ug/l	91
54) cis-1,3-Dichloropropene	10.188	75	10592	0.661	ug/l #	80
55) 1,1,2-Trichloroethane	10.899	97	9188	0.869	ug/l	94
56) Ethyl methacrylate	10.765	69	12643	0.723	ug/l #	83
57) 1,3-Dichloropropane	11.041	76	15779	0.850	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.041	63	15157	3.738	ug/l	90
59) 2-Hexanone	11.090	43	53414	3.751	ug/l	89
60) Dibromochloromethane	11.237	129	6734	0.681	ug/l	96
61) 1,2-Dibromoethane	11.344	107	8227	0.769	ug/l	95
64) Tetrachloroethene	10.982	164	8260m	0.964	ug/l	
65) Chlorobenzene	11.771	112	22527	0.852	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.838	131	6970	0.760	ug/l #	63
67) Ethyl Benzene	11.846	91	39776	0.816	ug/l	100
68) m/p-Xylenes	11.950	106	27784	1.550	ug/l	95
69) o-Xylene	12.283	106	13602	0.761	ug/l	88
70) Styrene	12.296	104	20809	0.725	ug/l	97
71) Bromoform	12.463	173	3943	0.603	ug/l #	94
73) Isopropylbenzene	12.581	105	34371	0.916	ug/l	98
74) N-amyl acetate	12.393	43	13517	0.850	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.830	83	12604	0.996	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	11269m	1.036	ug/l	
77) Bromobenzene	12.862	156	8827	1.029	ug/l	77
78) n-propylbenzene	12.921	91	39402	0.933	ug/l	96
79) 2-Chlorotoluene	13.007	91	24074	0.921	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	25685	0.847	ug/l	94
82) 4-Chlorotoluene	13.109	91	24168m	0.970	ug/l	
83) tert-Butylbenzene	13.324	119	23874	0.898	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	24956	0.852	ug/l	99
85) sec-Butylbenzene	13.503	105	29705	0.800	ug/l	97
86) p-Isopropyltoluene	13.616	119	23405	0.794	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	13463	0.905	ug/l	95
88) 1,4-Dichlorobenzene	13.699	146	13224m	0.906	ug/l	
89) n-Butylbenzene	13.946	91	18055	0.734	ug/l	96
90) Hexachloroethane	14.214	117	3447	0.713	ug/l	84
91) 1,2-Dichlorobenzene	13.991	146	13572	0.959	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.600	75	1770	0.866	ug/l #	57
93) 1,2,4-Trichlorobenzene	15.263	180	4366	0.700	ug/l	89
94) Hexachlorobutadiene	15.375	225	3257	0.885	ug/l	94
95) Naphthalene	15.512	128	13863	0.829	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.700	180	4862	0.814	ug/l	90

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

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

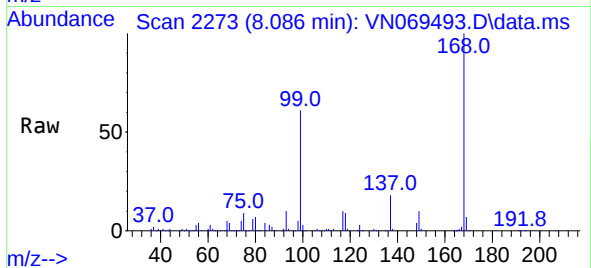
Manual Integrations
APPROVED

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

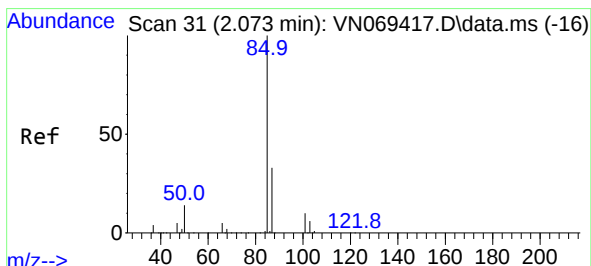
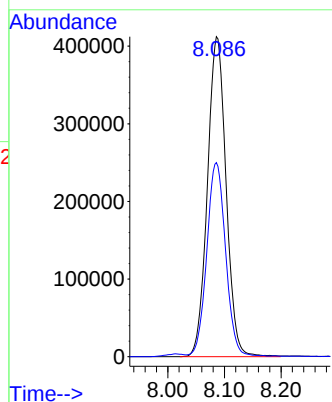
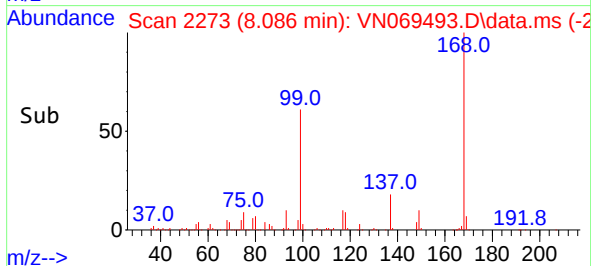
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:168 Resp: 94338
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9

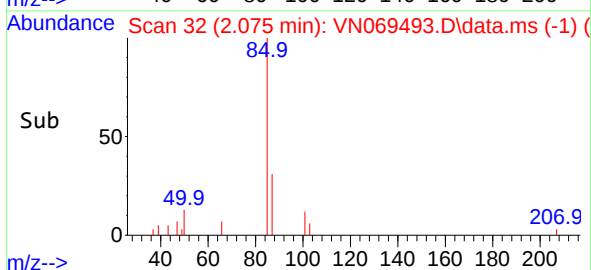
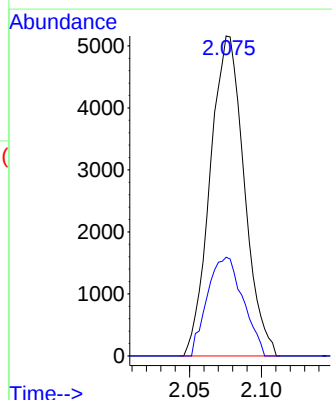
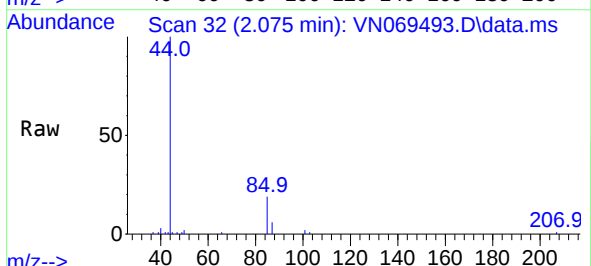
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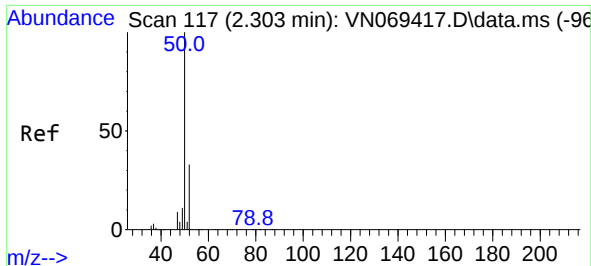
Reviewed By :John Carlone 11/16/2021
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#2
Dichlorodifluoromethane
Concen: 0.842 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

Tgt Ion: 85 Resp: 8487
Ion Ratio Lower Upper
85 100
87 30.8 16.3 48.9





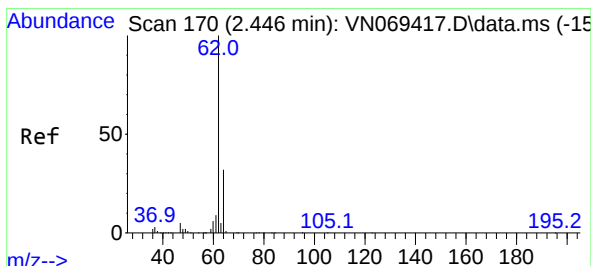
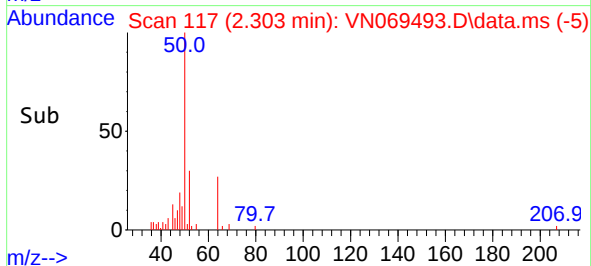
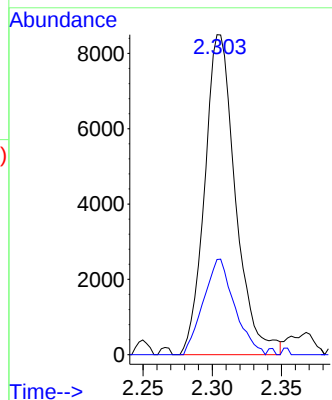
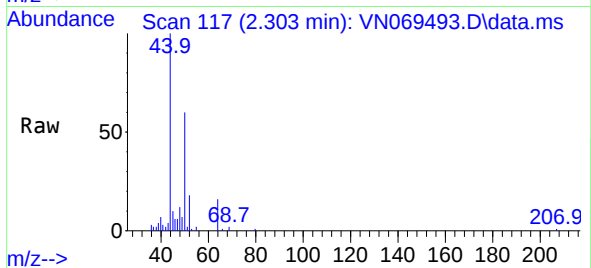
#3
Chloromethane
Concen: 1.125 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

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

Tgt Ion: 50 Resp: 13154
Ion Ratio Lower Upper
50 100
52 29.7 25.4 38.0

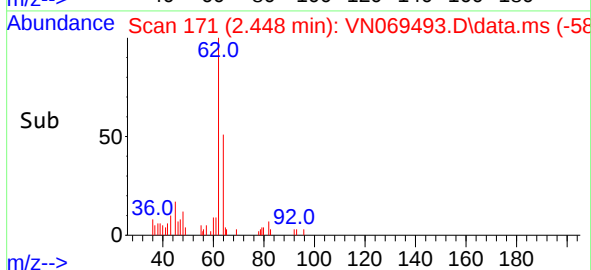
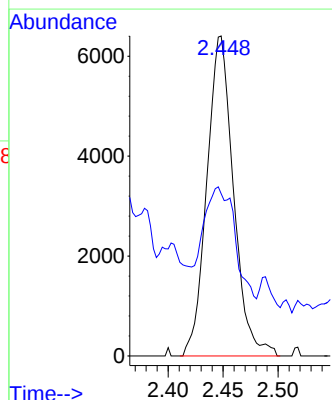
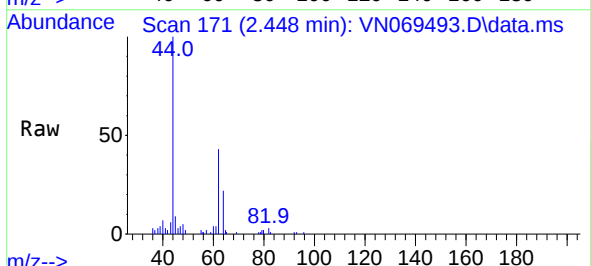
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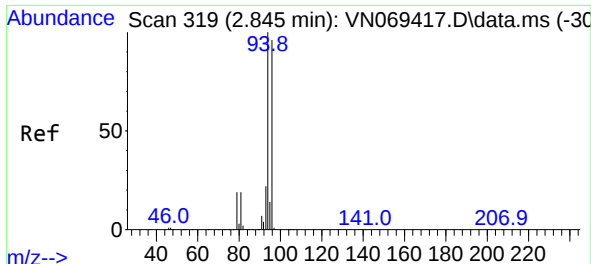
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#4
Vinyl Chloride
Concen: 0.925 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

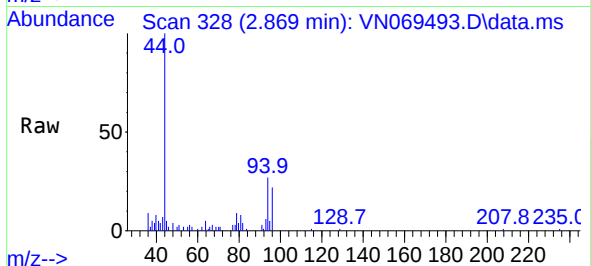
Tgt Ion: 62 Resp: 10820
Ion Ratio Lower Upper
62 100
64 35.6 25.8 38.6





#5
Bromomethane
Concen: 1.233 ug/l
RT: 2.869 min Scan# 319
Delta R.T. 0.024 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

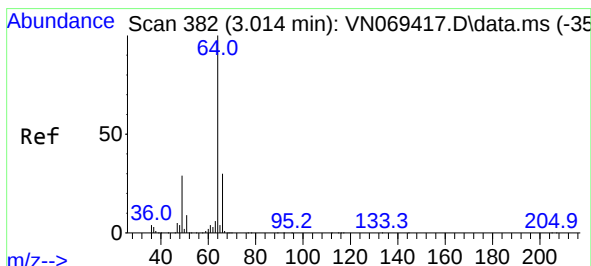
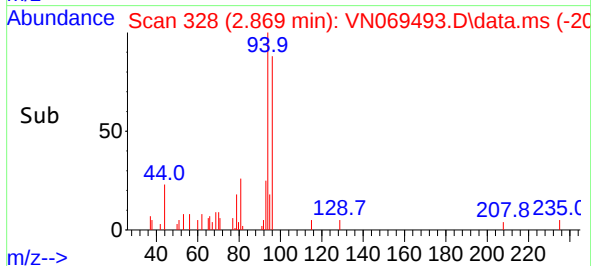
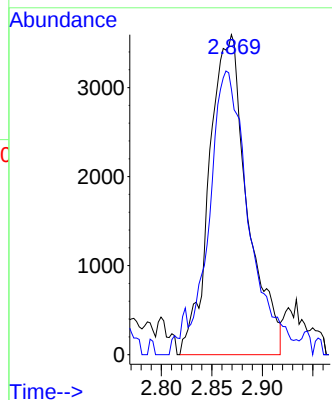
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 94 Resp: 9375
Ion Ratio Lower Upper
94 100
96 78.0 73.8 110.8

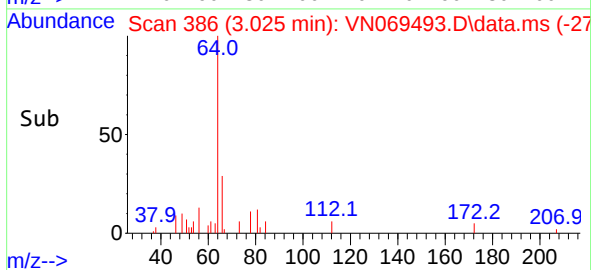
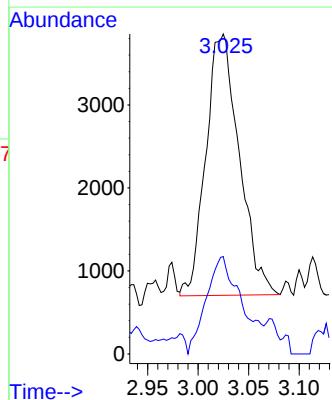
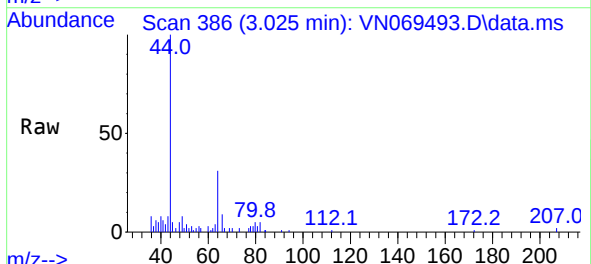
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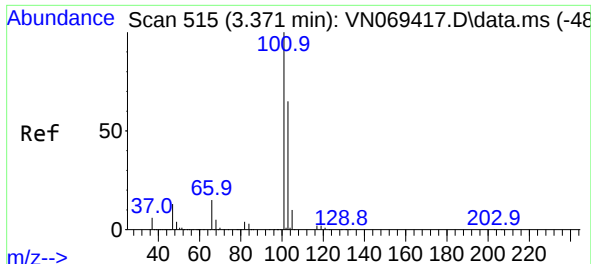
Reviewed By :John Carlone 11/16/2021
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#6
Chloroethane
Concen: 0.917 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.011 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

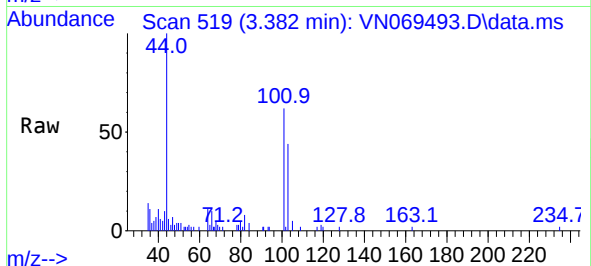
Tgt Ion: 64 Resp: 7243
Ion Ratio Lower Upper
64 100
66 32.0 26.3 39.5





#7
Trichlorofluoromethane
Concen: 0.873 ug/l
RT: 3.382 min Scan# 515
Delta R.T. 0.011 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

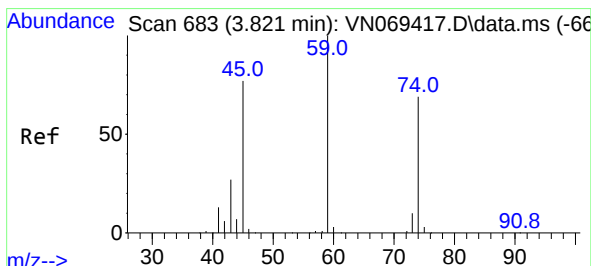
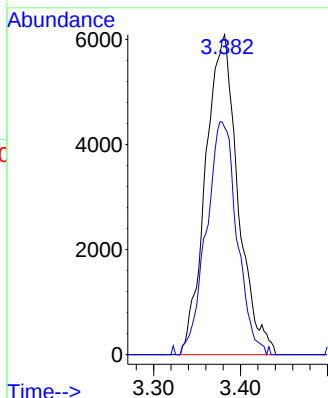
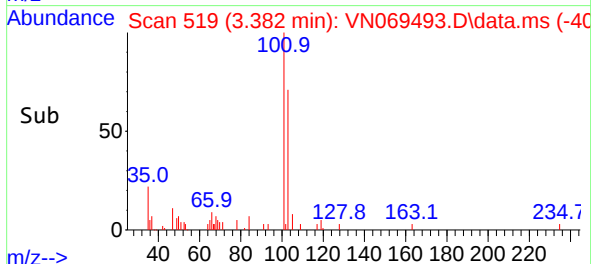
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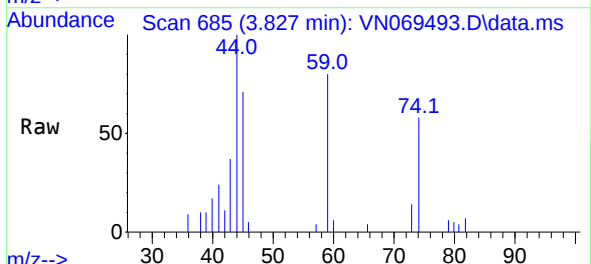
Tgt Ion:101 Resp: 15789
Ion Ratio Lower Upper
101 100
103 71.0 50.1 75.1

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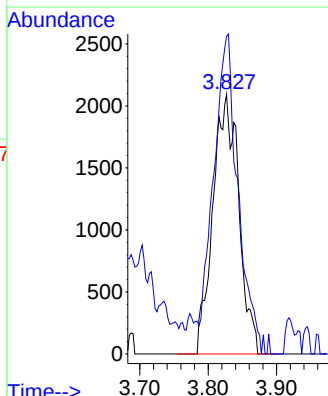
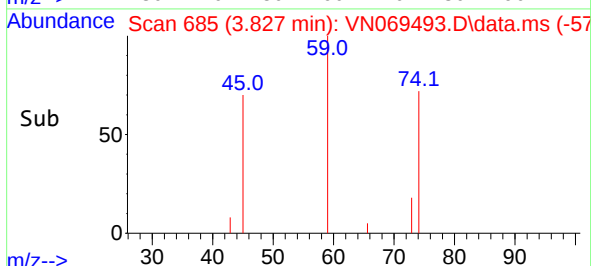
Reviewed By :John Carlone 11/16/2021
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#8
Diethyl Ether
Concen: 0.937 ug/l m
RT: 3.827 min Scan# 685
Delta R.T. 0.006 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07



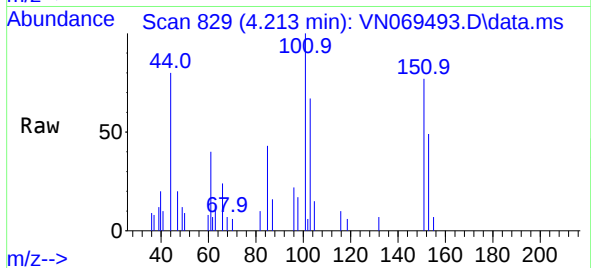
Tgt Ion: 74 Resp: 5483
Ion Ratio Lower Upper
74 100
45 116.9 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.891 ug/l m
RT: 4.213 min Scan# 81
Delta R.T. 0.011 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

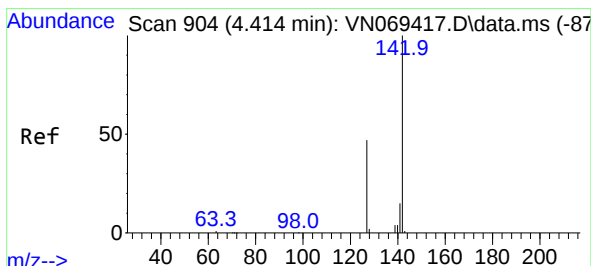
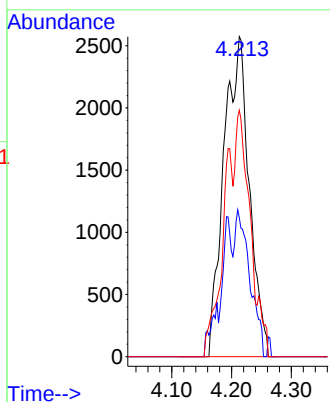
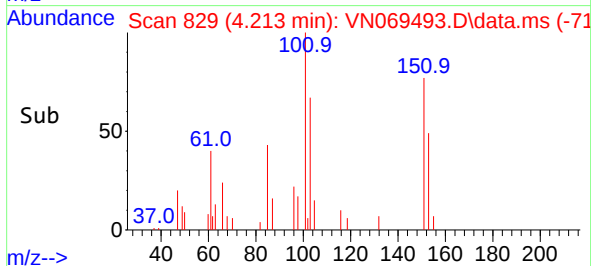
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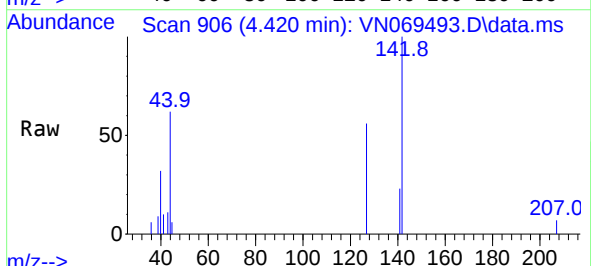
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Ion Ratio Lower Upper
101 100
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151 30.4 65.9 98.9

Manual Integrations
APPROVED

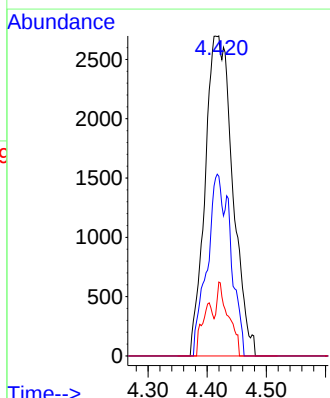
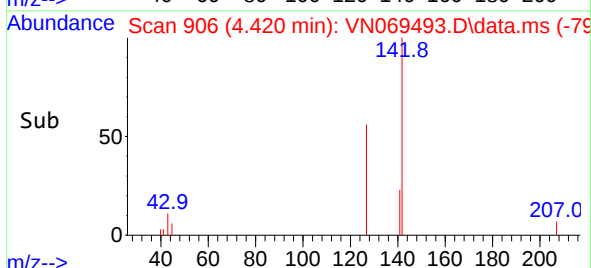
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

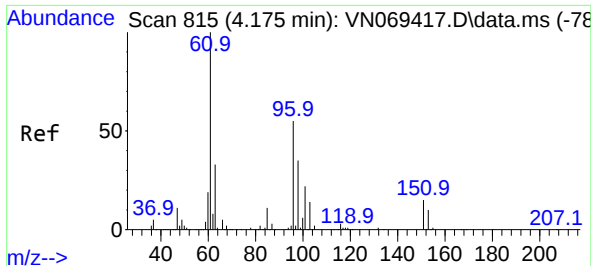


#10
Methyl Iodide
Concen: 0.835 ug/l m
RT: 4.420 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07



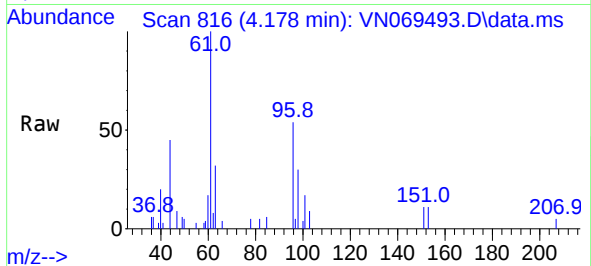
Tgt Ion:142 Resp: 8721
Ion Ratio Lower Upper
142 100
127 32.4 35.4 53.0#
141 10.2 11.6 17.4#





#12
1,1-Dichloroethene
Concen: 1.011 ug/l
RT: 4.178 min Scan# 815
Delta R.T. 0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

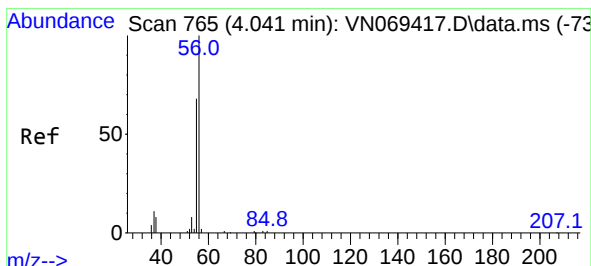
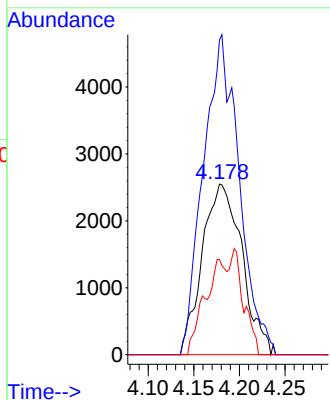
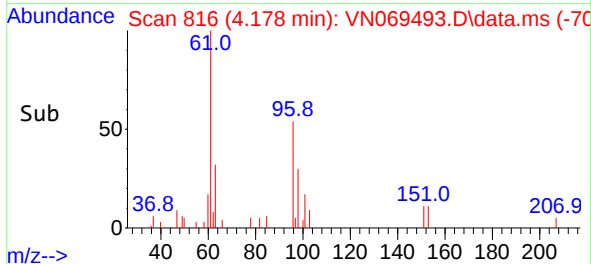
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 96 Resp: 7728
Ion Ratio Lower Upper
96 100
61 184.4 131.0 196.6
98 55.8 52.4 78.6

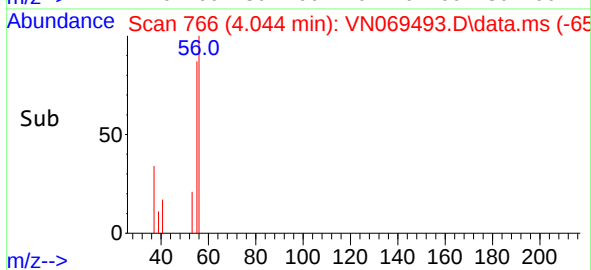
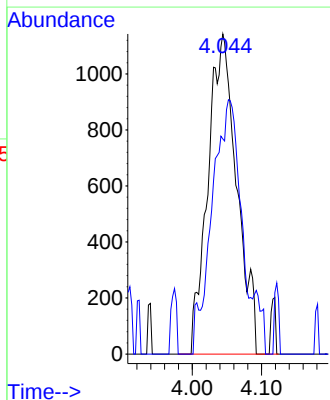
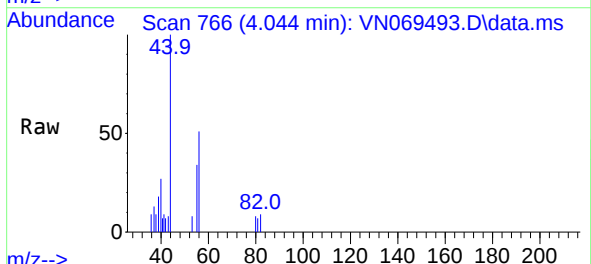
Manual Integrations
APPROVED

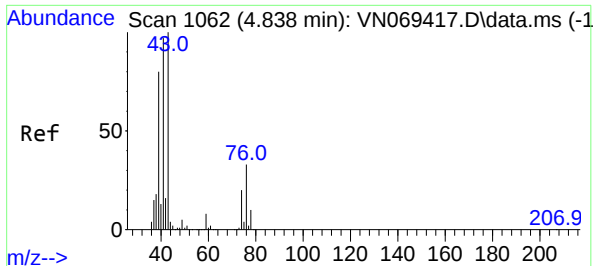
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#13
Acrolein
Concen: 8.757 ug/l m
RT: 4.044 min Scan# 766
Delta R.T. 0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

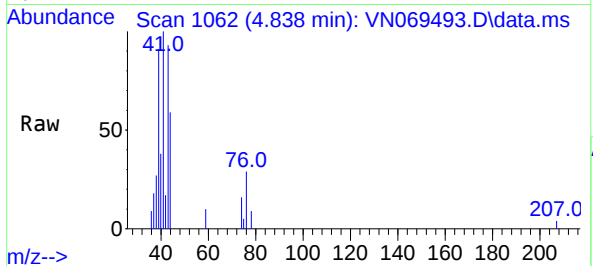
Tgt Ion: 56 Resp: 3391
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#





#14
Allyl chloride
Concen: 0.678 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

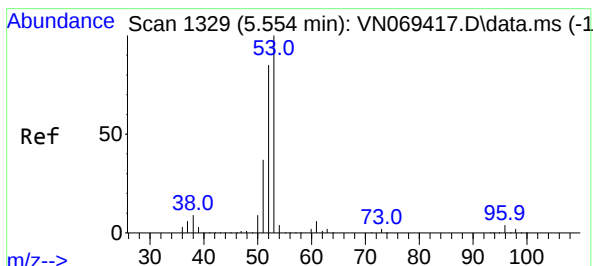
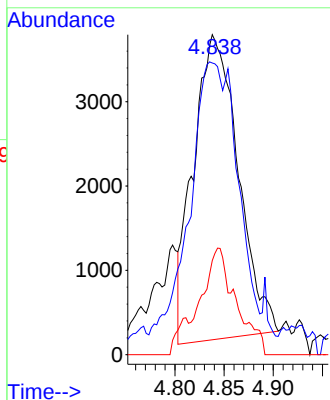
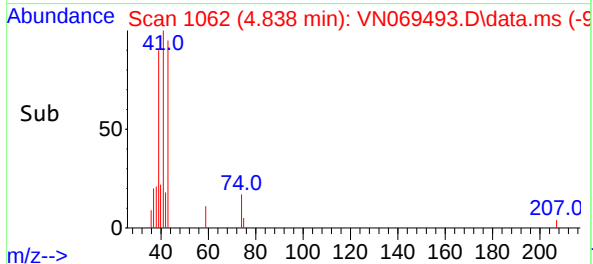
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 41 Resp: 11458
Ion Ratio Lower Upper
41 100
39 62.2 61.2 91.8
76 25.5 26.0 39.0

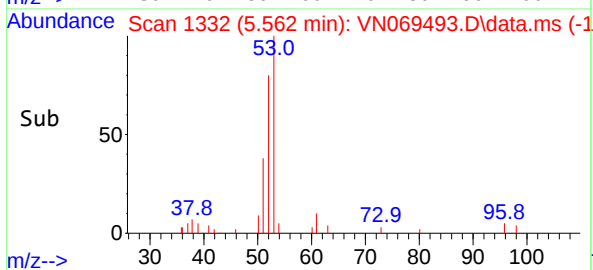
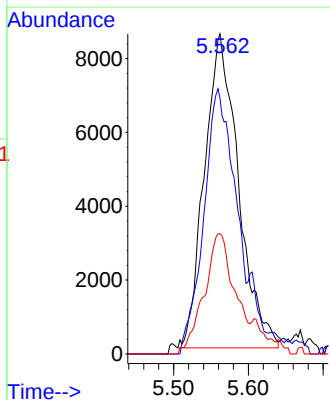
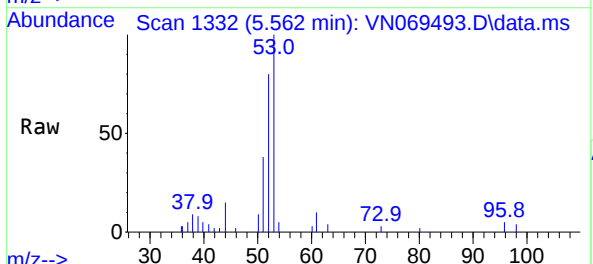
Manual Integrations
APPROVED

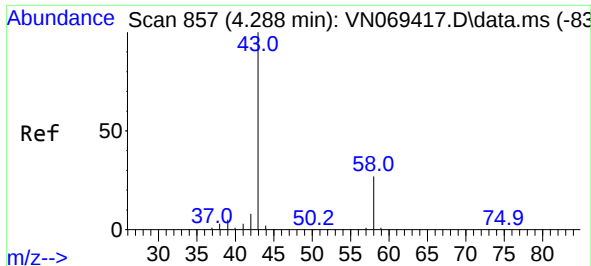
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#15
Acrylonitrile
Concen: 4.248 ug/l
RT: 5.562 min Scan# 1332
Delta R.T. 0.008 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

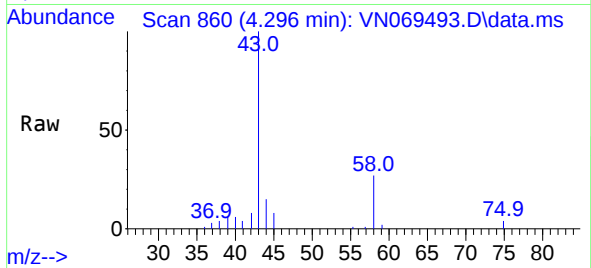
Tgt Ion: 53 Resp: 26815
Ion Ratio Lower Upper
53 100
52 78.2 66.2 99.2
51 34.4 29.6 44.4





#16
Acetone
Concen: 5.325 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.008 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

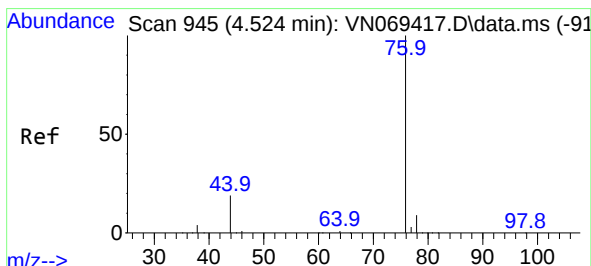
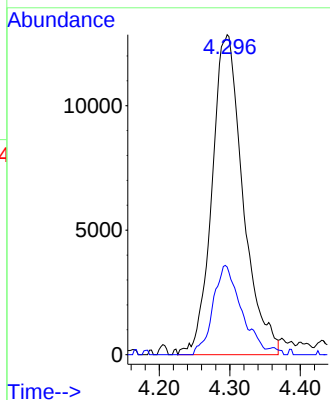
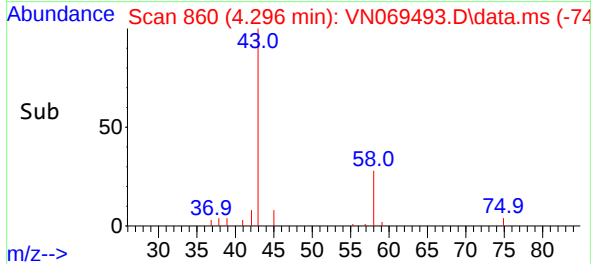
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



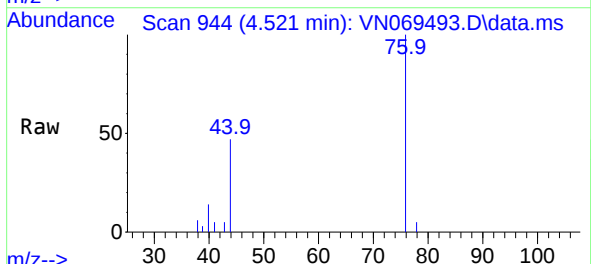
Tgt Ion: 43 Resp: 39300
Ion Ratio Lower Upper
43 100
58 27.4 23.1 34.7

Manual Integrations
APPROVED

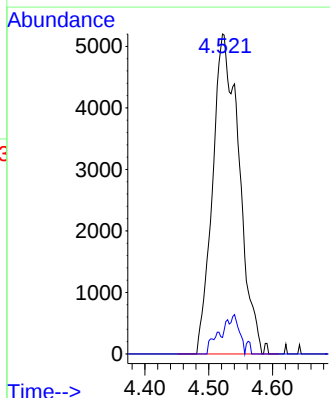
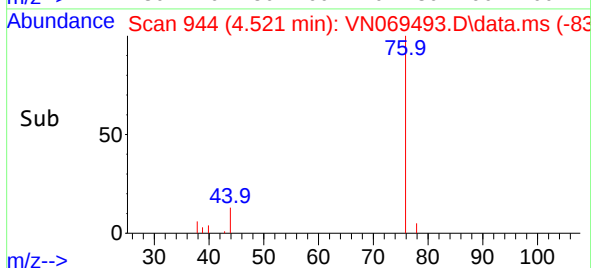
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

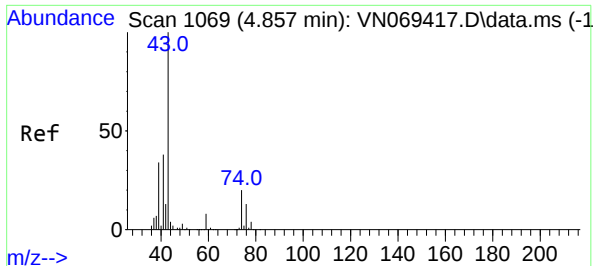


#17
Carbon Disulfide
Concen: 0.830 ug/l m
RT: 4.521 min Scan# 944
Delta R.T. -0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07



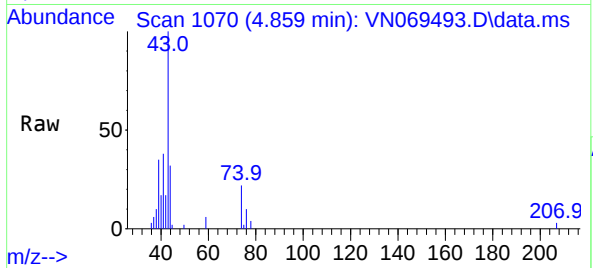
Tgt Ion: 76 Resp: 14993
Ion Ratio Lower Upper
76 100
78 5.2 7.5 11.3#





#18
Methyl Acetate
Concen: 1.029 ug/l
RT: 4.859 min Scan# 1069
Delta R.T. 0.002 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

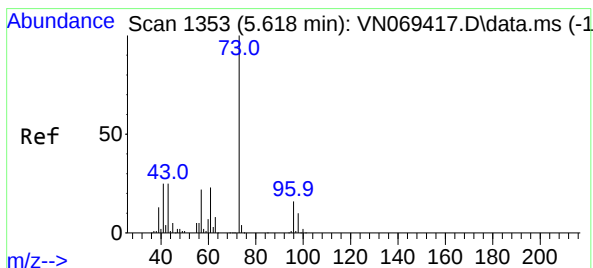
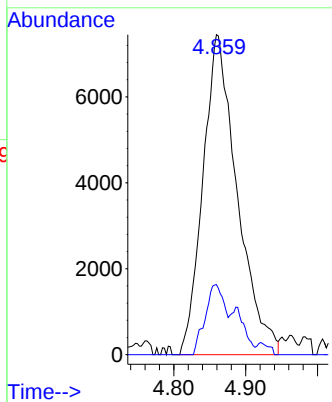
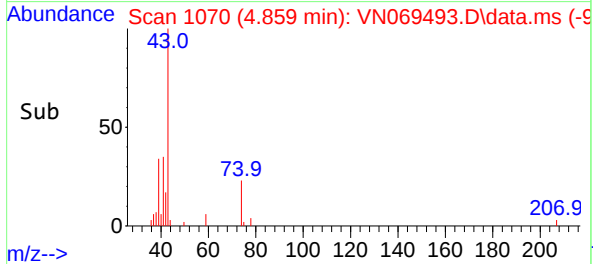
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 43 Resp: 2467
Ion Ratio Lower Upper
43 100
74 12.4 19.4 29.2

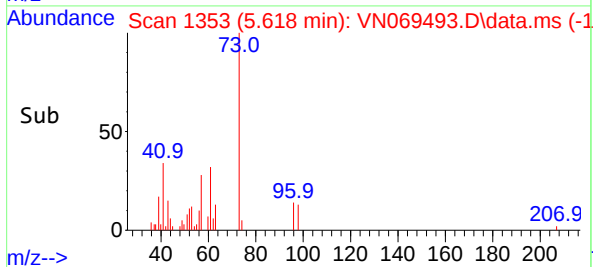
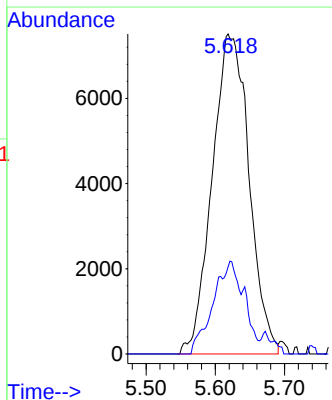
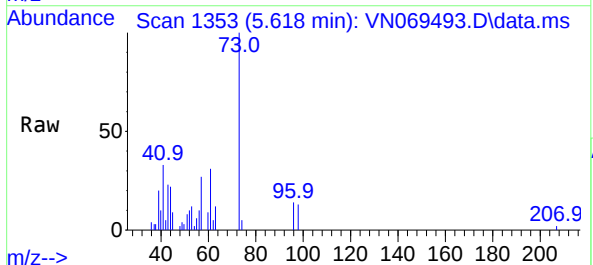
Manual Integrations
APPROVED

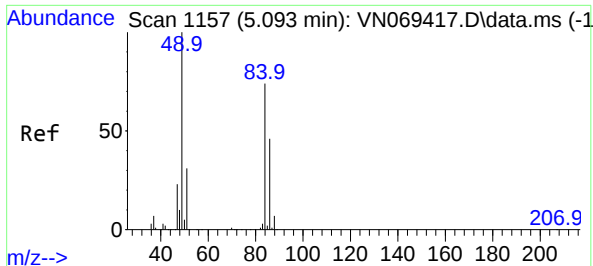
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#19
Methyl tert-butyl Ether
Concen: 0.859 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

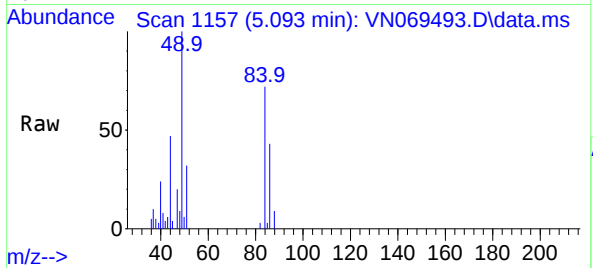
Tgt Ion: 73 Resp: 27808
Ion Ratio Lower Upper
73 100
57 27.2 16.8 25.2





#20
Methylene Chloride
Concen: 1.194 ug/l m
RT: 5.093 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

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

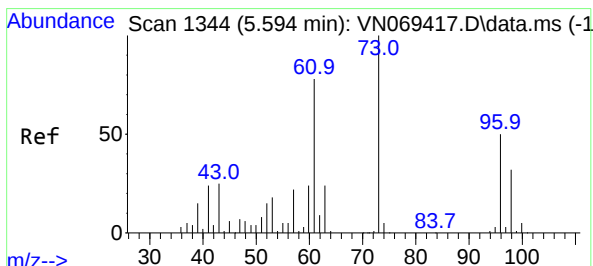
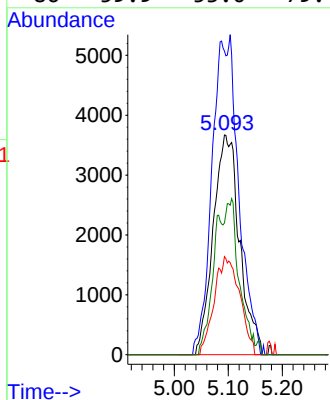
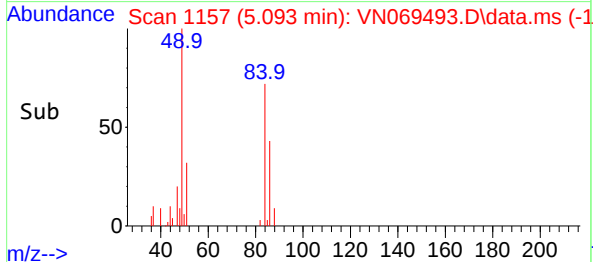


Tgt Ion: 84 Resp: 1249

Ion	Ratio	Lower	Upper
84	100		
49	138.2	93.5	140.3
51	44.7	29.4	44.2
86	59.9	53.0	79.4

Manual Integrations
APPROVED

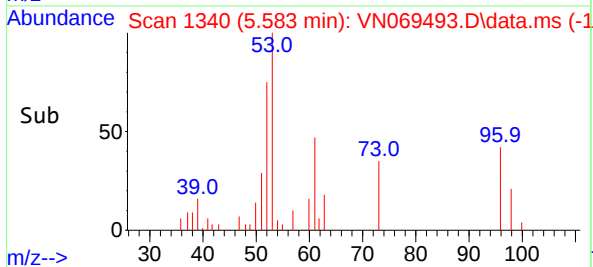
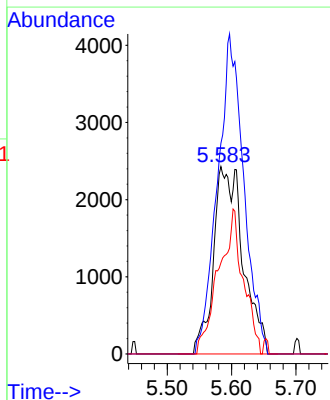
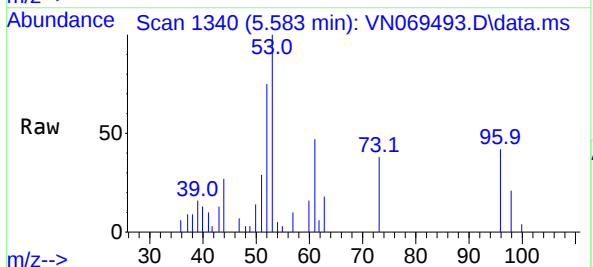
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

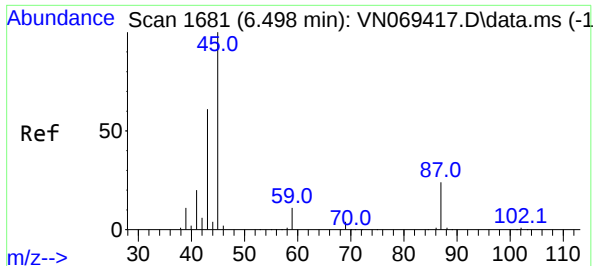


#21
trans-1,2-Dichloroethene
Concen: 0.909 ug/l m
RT: 5.583 min Scan# 1340
Delta R.T. -0.011 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

Tgt Ion: 96 Resp: 7759

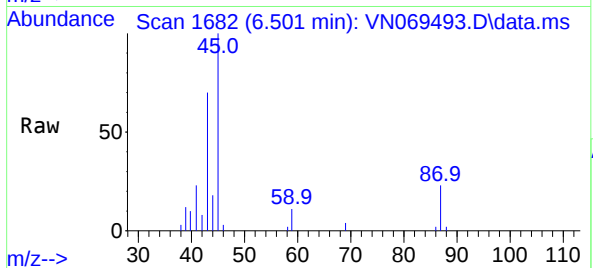
Ion	Ratio	Lower	Upper
96	100		
61	112.4	105.8	158.6
98	48.7	52.0	78.0





#22
Diisopropyl ether
Concen: 0.864 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

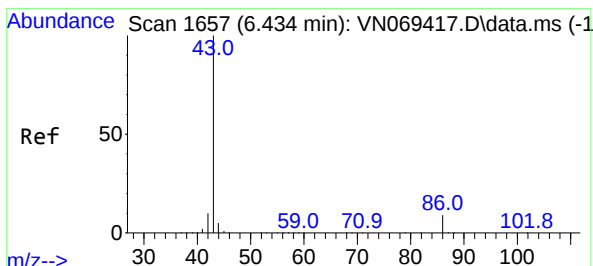
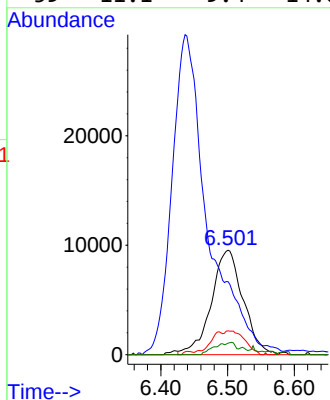
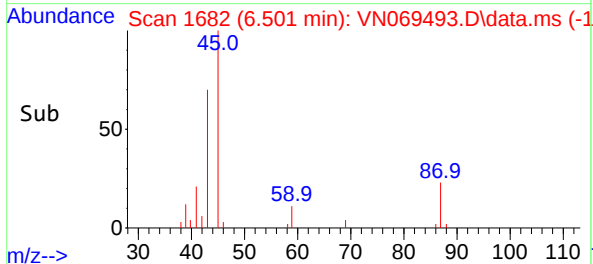
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



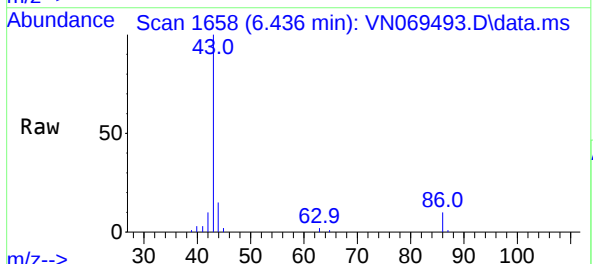
Tgt Ion: 45 Resp: 31469
Ion Ratio Lower Upper
45 100
43 64.1 51.7 77.5
87 22.8 23.2 34.8
59 11.1 9.4 14.0

Manual Integrations
APPROVED

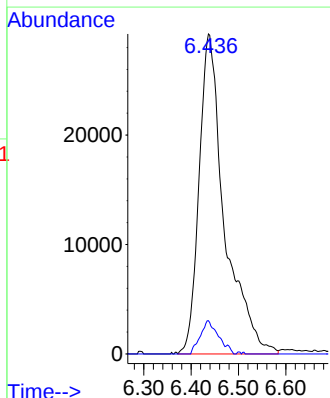
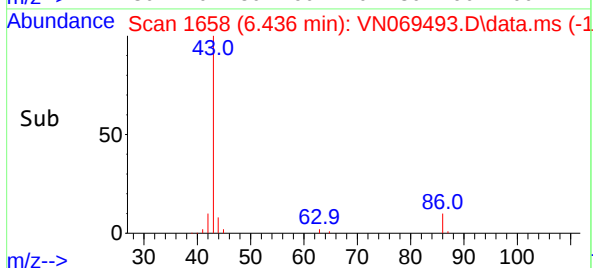
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

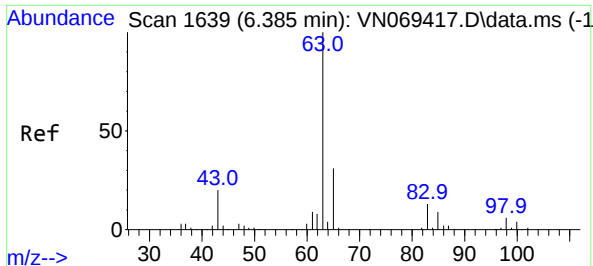


#23
Vinyl Acetate
Concen: 3.870 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.002 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07



Tgt Ion: 43 Resp: 108984
Ion Ratio Lower Upper
43 100
86 10.4 8.5 12.7





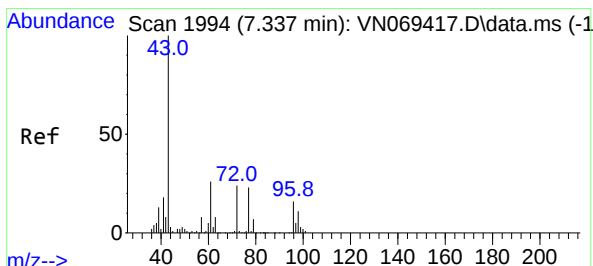
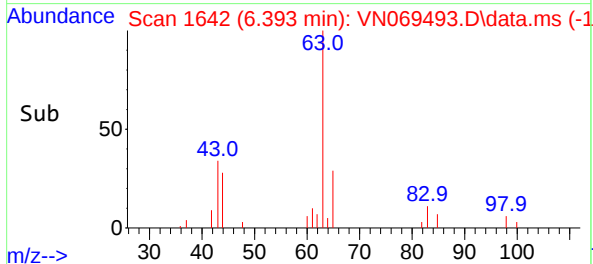
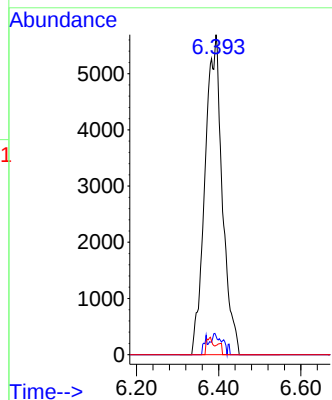
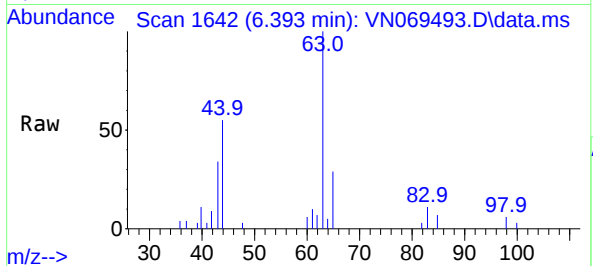
#24
1,1-Dichloroethane
Concen: 0.895 ug/l m
RT: 6.393 min Scan# 1
Delta R.T. 0.008 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

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

Tgt Ion: 63 Resp: 16608
Ion Ratio Lower Upper
63 100
98 5.8 3.3 9.9
100 2.9 2.1 6.5

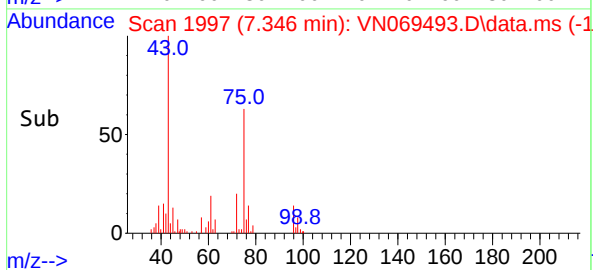
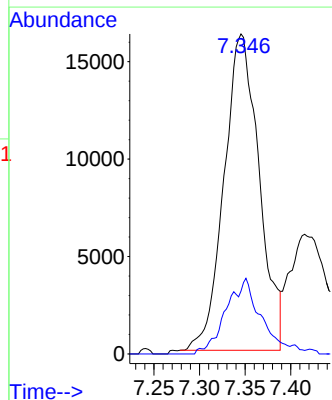
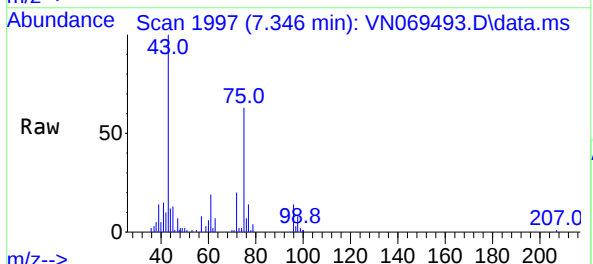
Manual Integrations
APPROVED

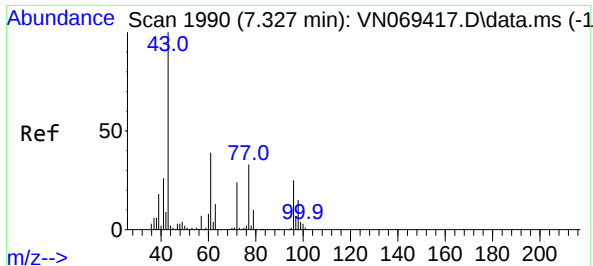
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#25
2-Butanone
Concen: 4.361 ug/l
RT: 7.346 min Scan# 1997
Delta R.T. 0.009 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

Tgt Ion: 43 Resp: 43582
Ion Ratio Lower Upper
43 100
72 19.9 21.7 32.5#





#26

2,2-Dichloropropane

Concen: 0.988 ug/l

RT: 7.321 min Scan# 1990

Delta R.T. -0.006 min

Lab File: VN069493.D

Acq: 15 Nov 2021 16:07

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 77 Resp: 14334

Ion Ratio Lower Upper

77 100

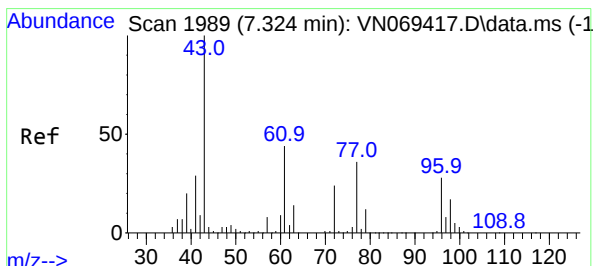
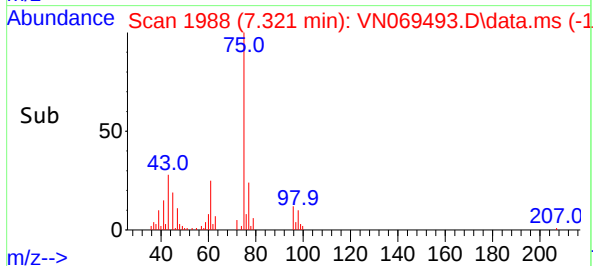
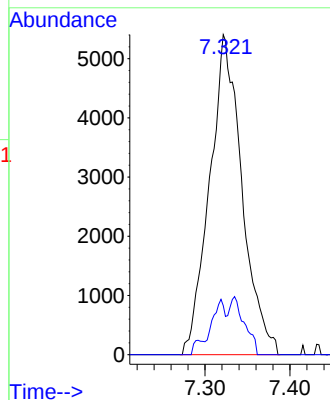
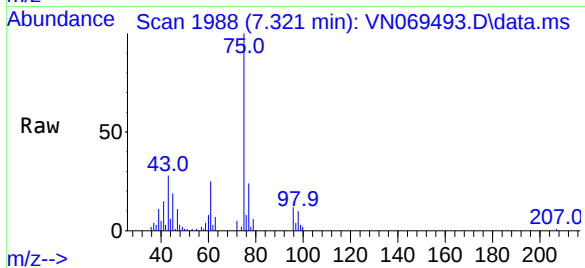
97 6.6 11.6 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#27

cis-1,2-Dichloroethene

Concen: 0.895 ug/l m

RT: 7.332 min Scan# 1992

Delta R.T. 0.008 min

Lab File: VN069493.D

Acq: 15 Nov 2021 16:07

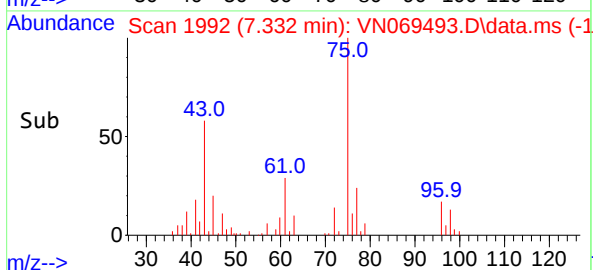
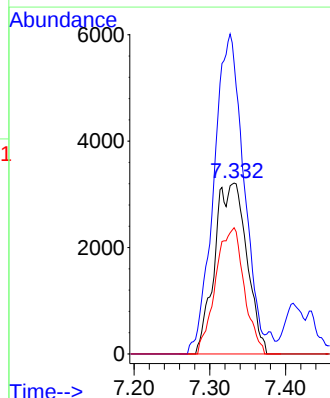
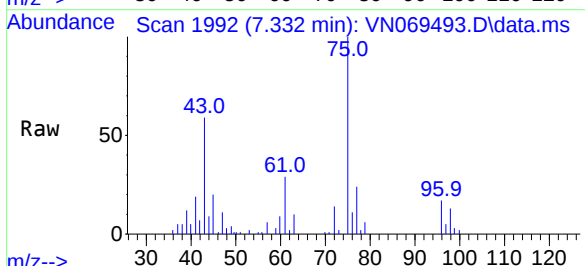
Tgt Ion: 96 Resp: 9471

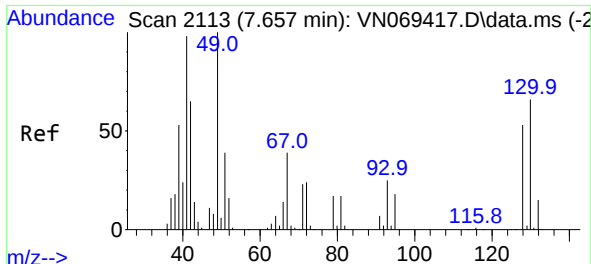
Ion Ratio Lower Upper

96 100

61 174.7 0.0 275.0

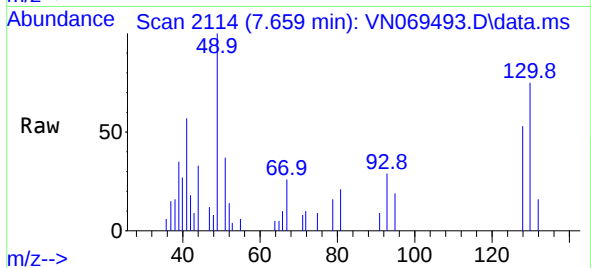
98 65.5 0.0 129.6





#28
Bromochloromethane
Concen: 1.081 ug/l
RT: 7.659 min Scan# 2113
Delta R.T. 0.002 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

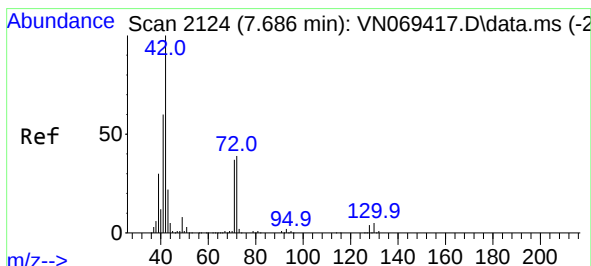
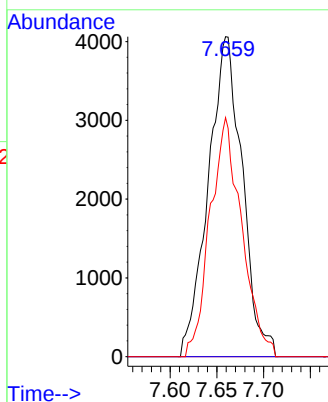
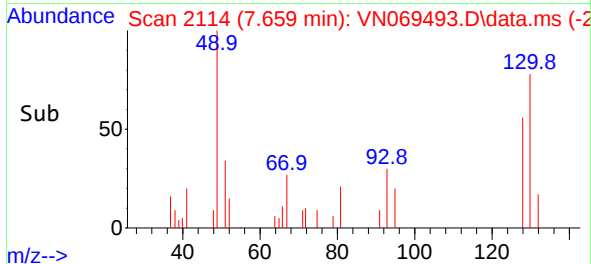
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 49 Resp: 10272
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 69.5 67.8 101.8

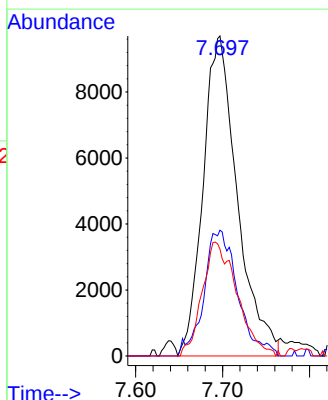
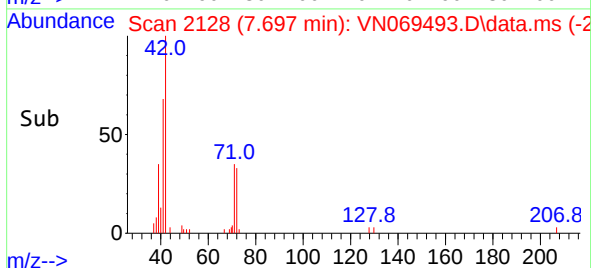
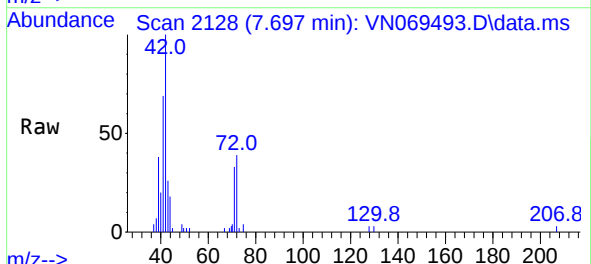
Manual Integrations
APPROVED

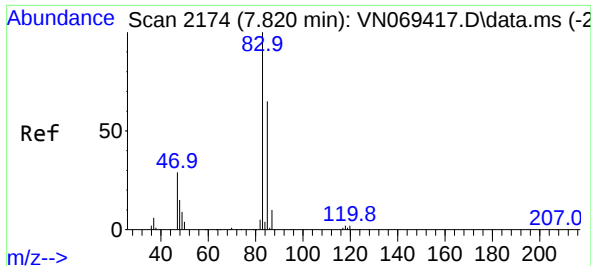
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#29
Tetrahydrofuran
Concen: 4.322 ug/l
RT: 7.697 min Scan# 2128
Delta R.T. 0.011 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

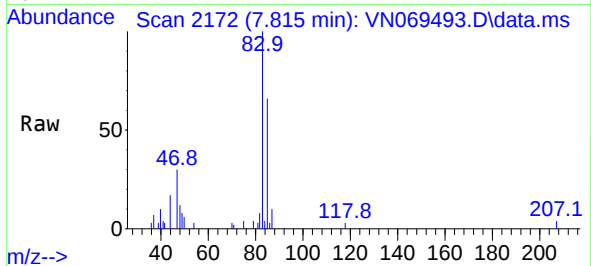
Tgt Ion: 42 Resp: 26506
Ion Ratio Lower Upper
42 100
72 38.0 36.3 54.5
71 36.4 34.7 52.1





#30
Chloroform
Concen: 0.914 ug/l
RT: 7.815 min Scan# 2173
Delta R.T. -0.005 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

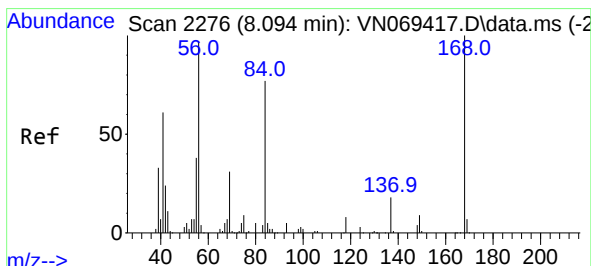
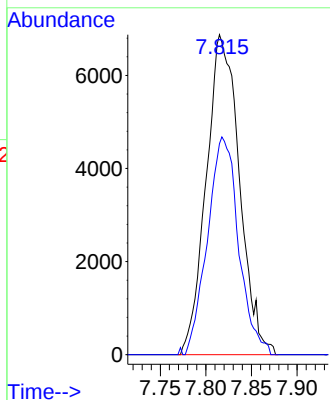
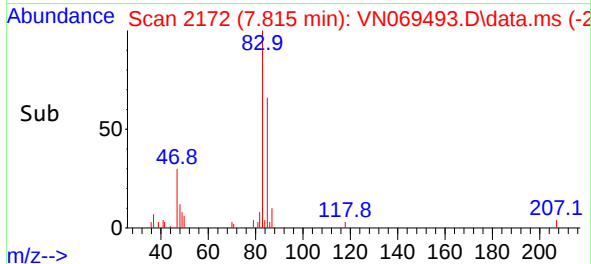
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2021



Tgt Ion: 83 Resp: 17389
Ion Ratio Lower Upper
83 100
85 65.9 51.9 77.9

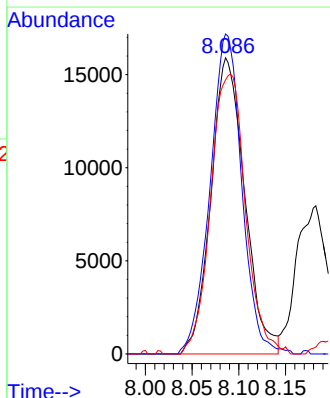
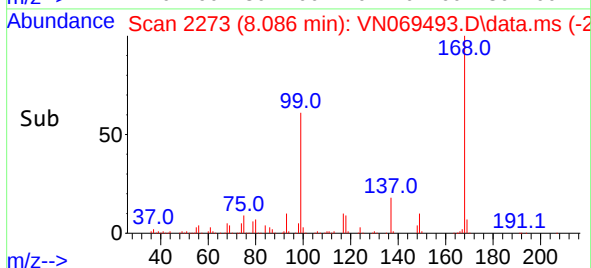
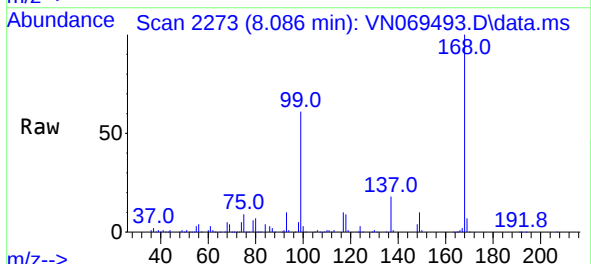
Manual Integrations
APPROVED

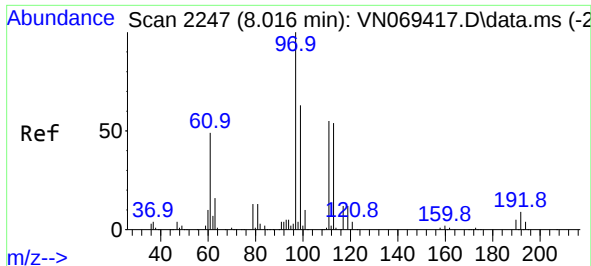
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#31
Cyclohexane
Concen: 2.137 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

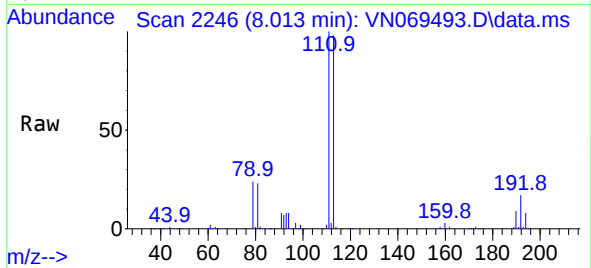
Tgt Ion: 56 Resp: 39939
Ion Ratio Lower Upper
56 100
69 108.0 27.1 40.7#
84 92.5 73.4 110.0





#32
1,1,1-Trichloroethane
Concen: 0.813 ug/l
RT: 8.013 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

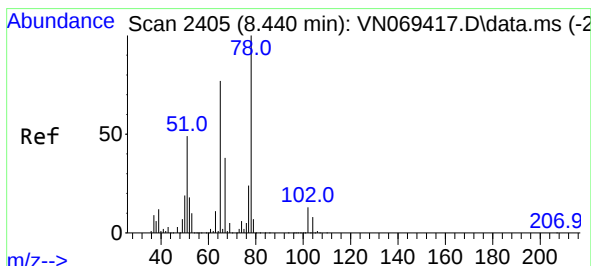
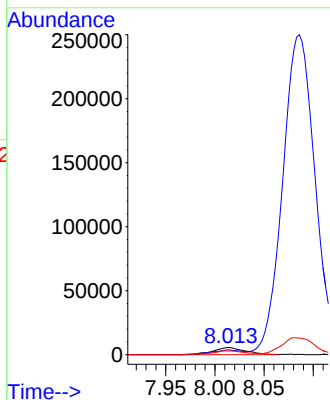
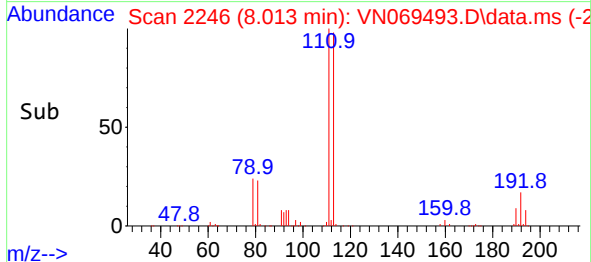
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2021



Tgt Ion: 97 Resp: 12890
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1
61 56.0 35.2 52.8

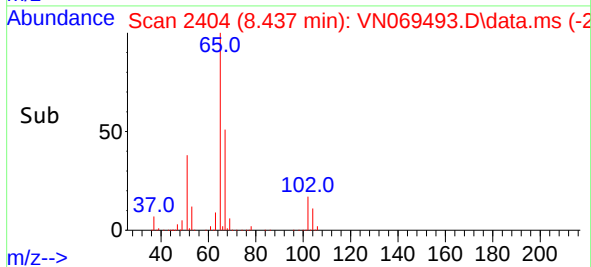
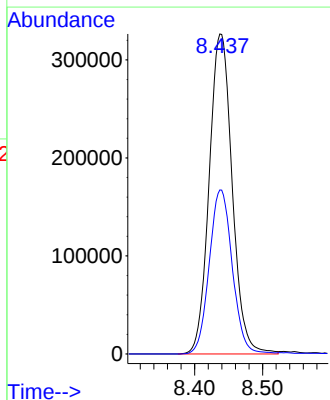
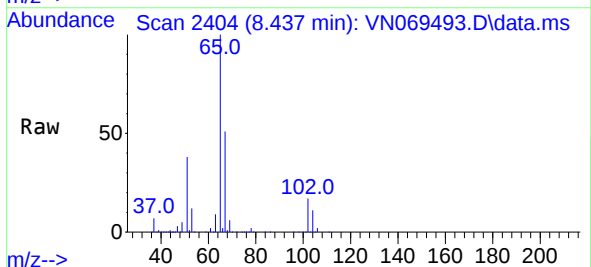
Manual Integrations
APPROVED

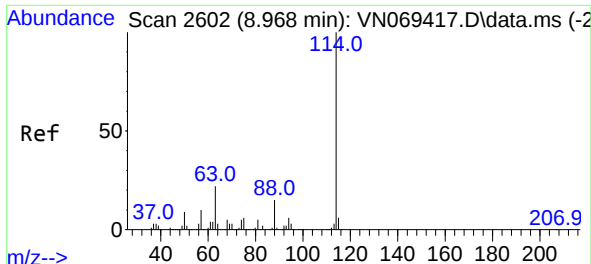
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#33
1,2-Dichloroethane-d4
Concen: 56.165 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

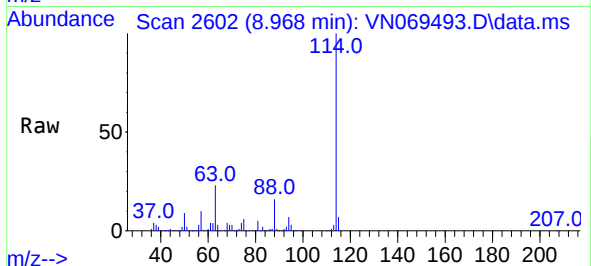
Tgt Ion: 65 Resp: 768259
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

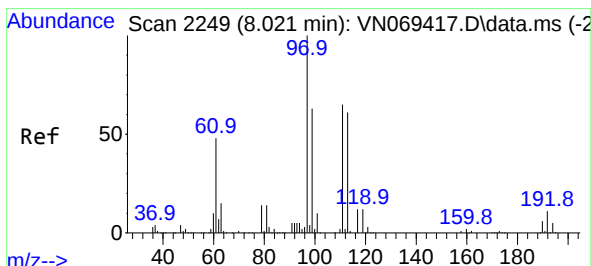
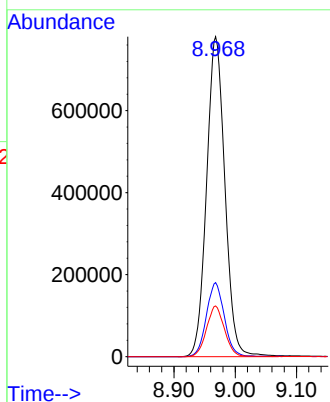
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:114 Resp: 1620400
Ion Ratio Lower Upper
114 100
63 23.1 0.0 37.8
88 15.9 0.0 27.4

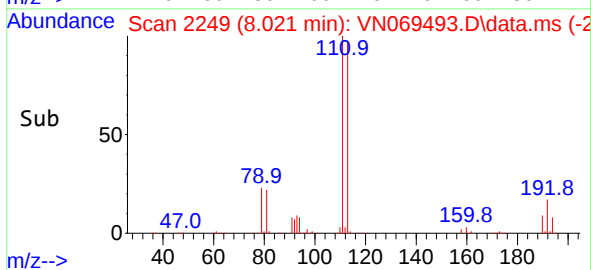
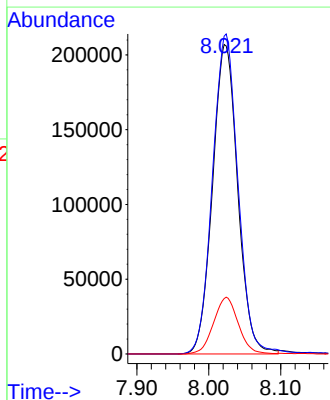
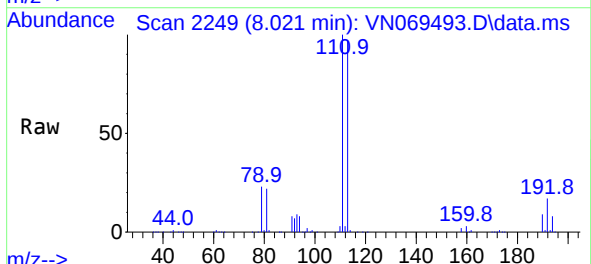
Manual Integrations
APPROVED

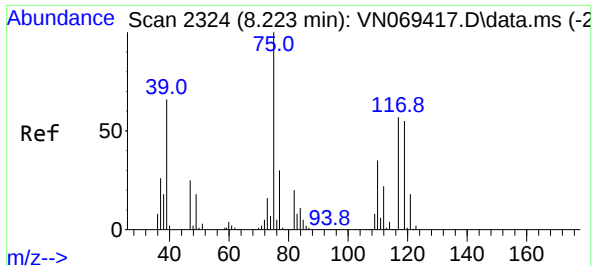
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#35
Dibromofluoromethane
Concen: 51.833 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

Tgt Ion:113 Resp: 503740
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.2
192 18.0 16.9 25.3





#36

1,1-Dichloropropene

Concen: 0.910 ug/l

RT: 8.217 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN069493.D

Acq: 15 Nov 2021 16:07

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

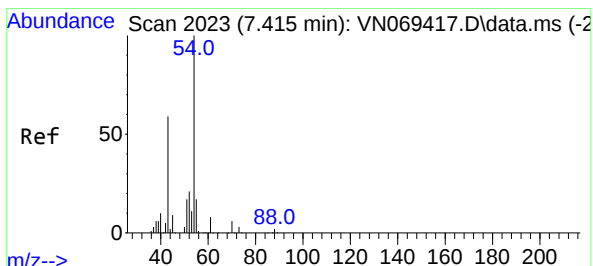
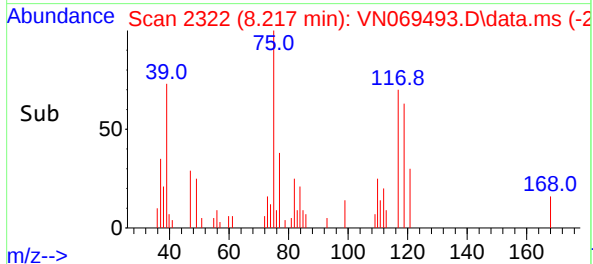
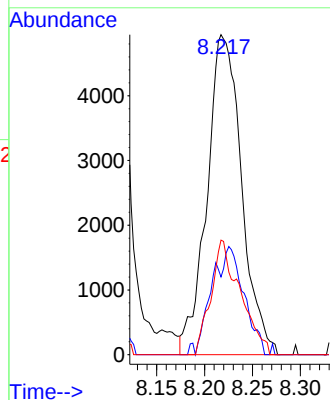
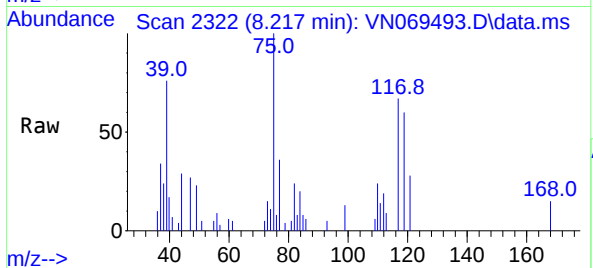
Tgt Ion: 75 Resp: 1240

Ion	Ratio	Lower	Upper
75	100		
110	11.3	18.4	55.2
77	30.4	24.4	36.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#37

Ethyl Acetate

Concen: 0.755 ug/l

RT: 7.415 min Scan# 2023

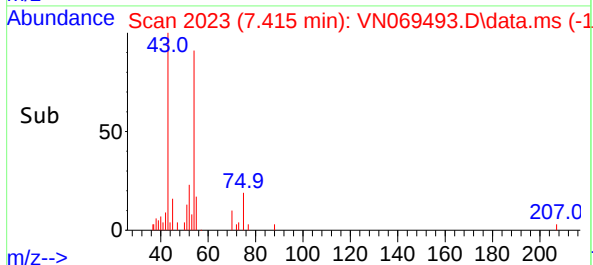
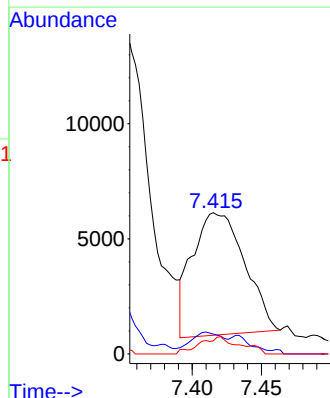
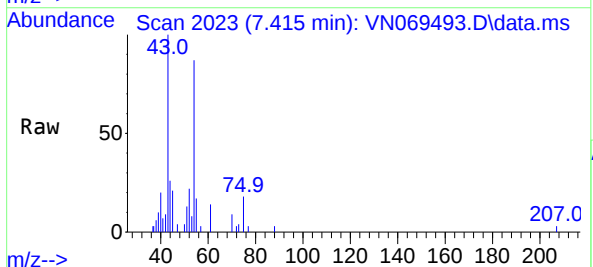
Delta R.T. 0.000 min

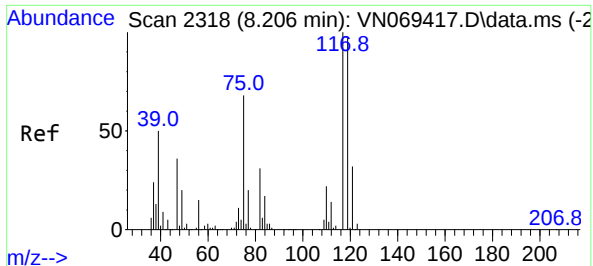
Lab File: VN069493.D

Acq: 15 Nov 2021 16:07

Tgt Ion: 43 Resp: 13910

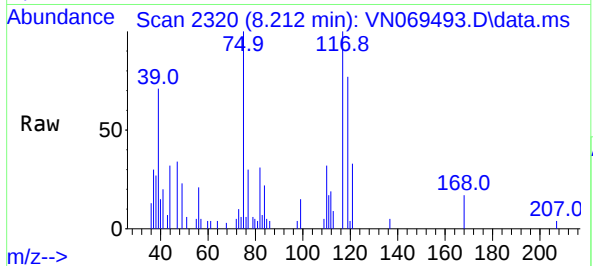
Ion	Ratio	Lower	Upper
43	100		
61	7.4	11.5	17.3
70	9.5	7.9	11.9





#38
Carbon Tetrachloride
Concen: 0.873 ug/l
RT: 8.212 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

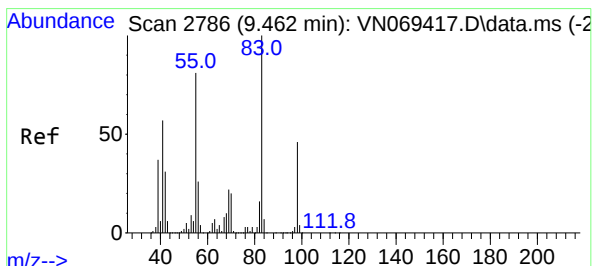
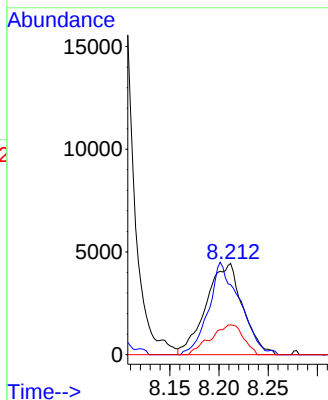
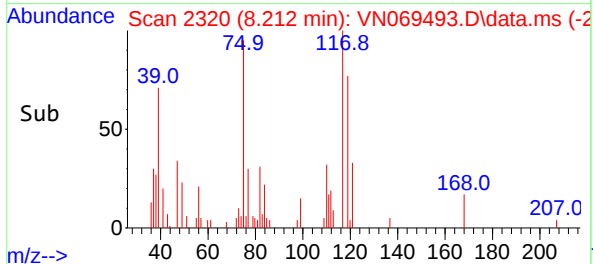
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



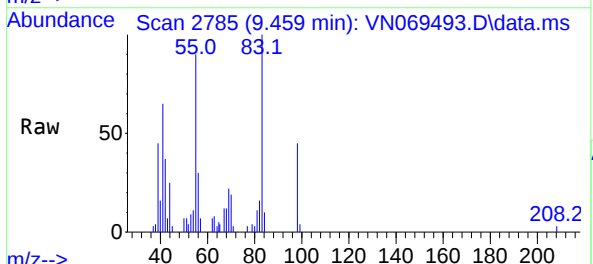
Tgt Ion: 117 Resp: 1149
Ion Ratio Lower Upper
117 100
119 76.7 76.1 114.1
121 32.6 24.2 36.2

Manual Integrations
APPROVED

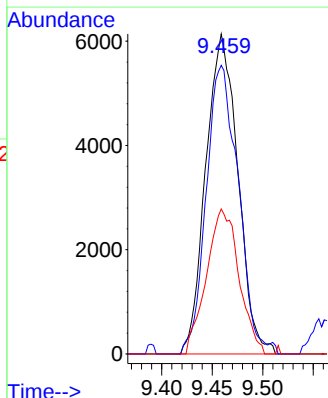
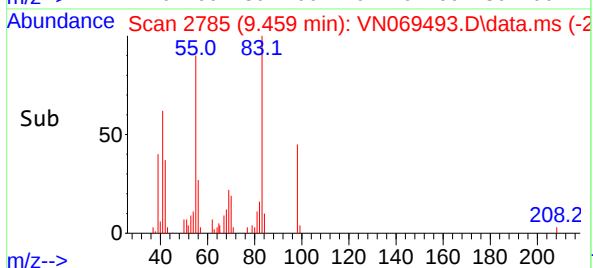
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

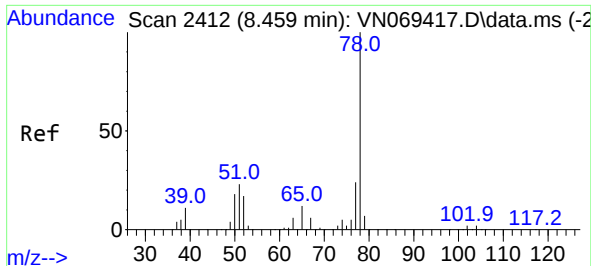


#39
Methylcyclohexane
Concen: 0.798 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07



Tgt Ion: 83 Resp: 13539
Ion Ratio Lower Upper
83 100
55 90.2 58.1 87.1#
98 45.3 38.4 57.6





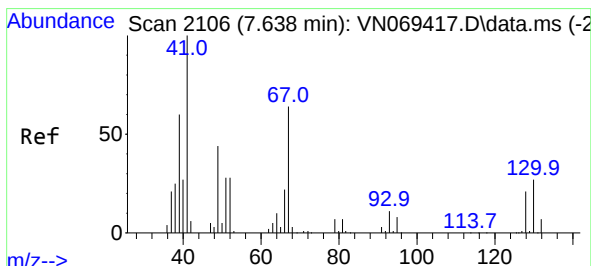
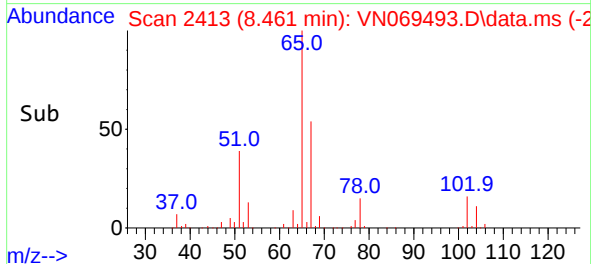
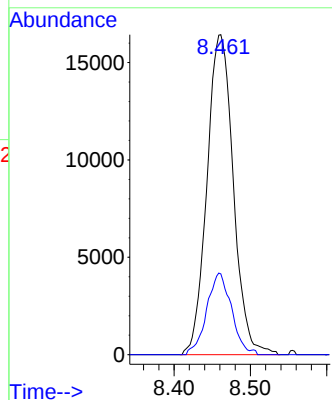
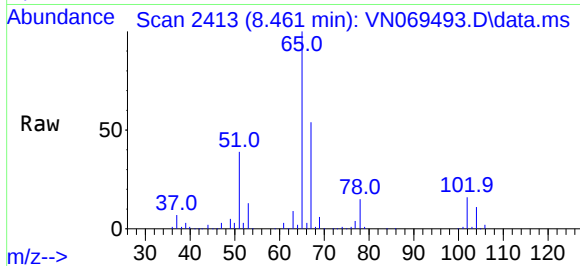
#40
Benzene
Concen: 0.938 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.002 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

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

Tgt Ion: 78 Resp: 3946
Ion Ratio Lower Upper
78 100
77 25.2 18.6 27.8

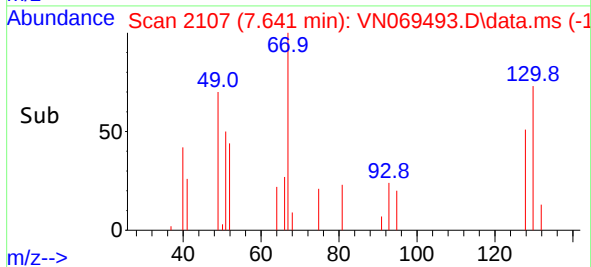
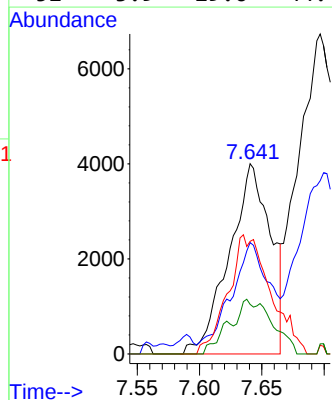
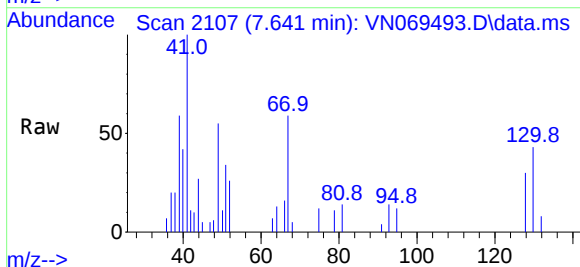
Manual Integrations
APPROVED

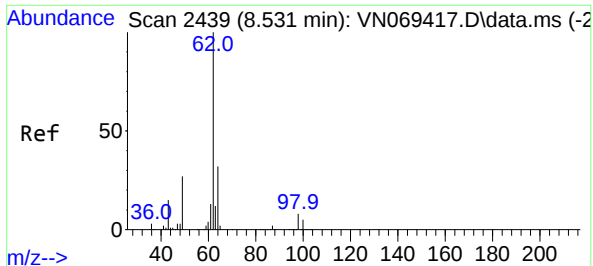
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#41
Methacrylonitrile
Concen: 0.966 ug/l
RT: 7.641 min Scan# 2107
Delta R.T. 0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

Tgt Ion: 41 Resp: 9197
Ion Ratio Lower Upper
41 100
39 52.3 48.1 72.1
67 64.7 68.3 102.5#
52 3.9 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 1.021 ug/l

RT: 8.528 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VN069493.D

Acq: 15 Nov 2021 16:07

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 62 Resp: 16820

Ion Ratio Lower Upper

62 100

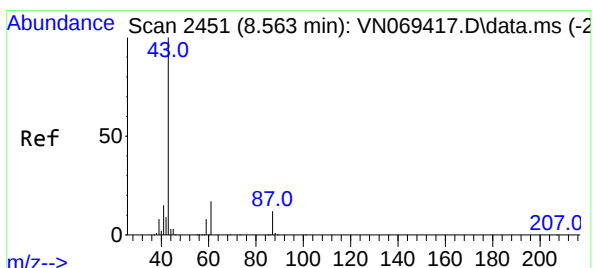
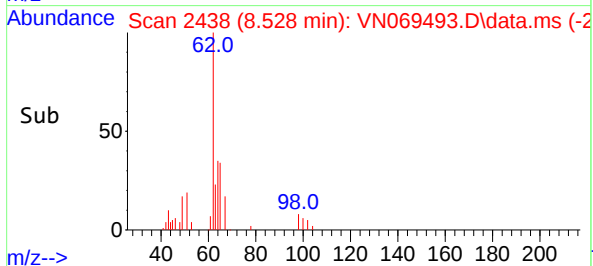
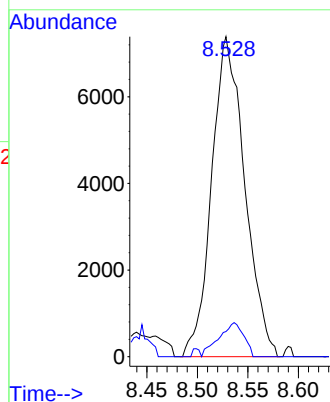
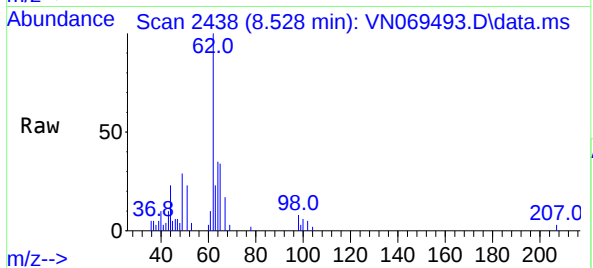
98 8.0 0.0 17.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#43

Isopropyl Acetate

Concen: 0.849 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. -0.003 min

Lab File: VN069493.D

Acq: 15 Nov 2021 16:07

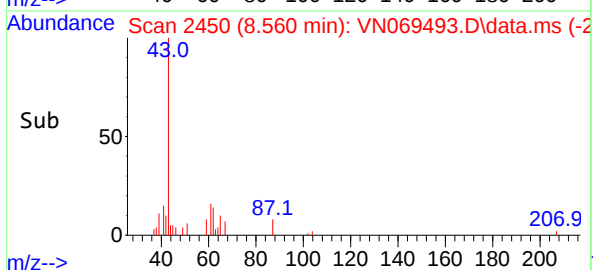
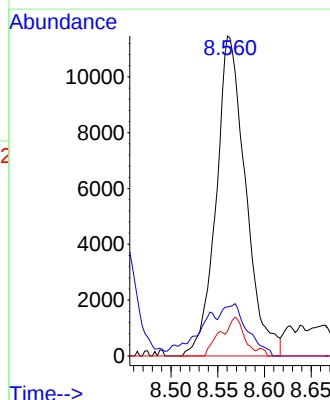
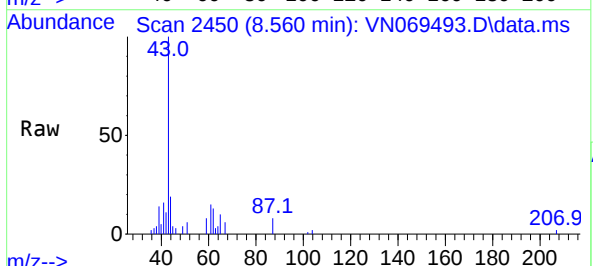
Tgt Ion: 43 Resp: 25122

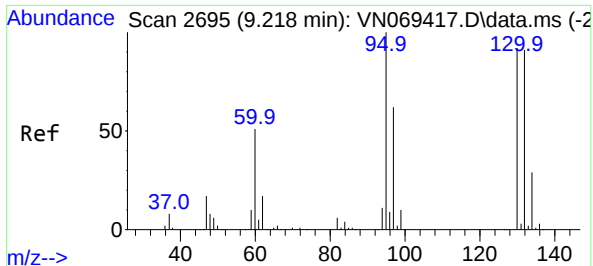
Ion Ratio Lower Upper

43 100

61 10.5 20.4 30.6#

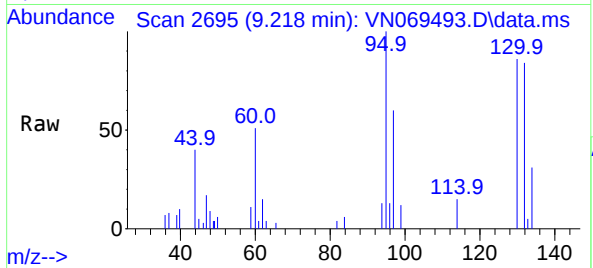
87 3.3 11.2 16.8#





#44
Trichloroethene
Concen: 0.850 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

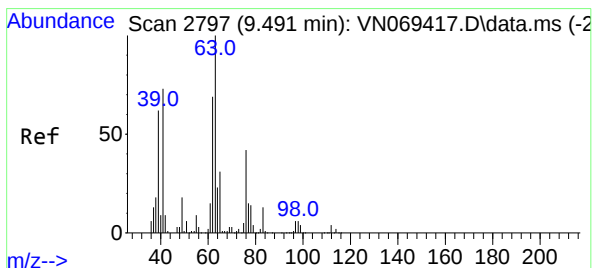
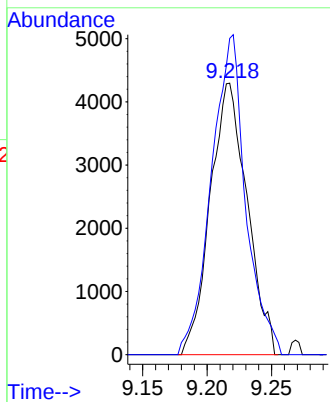
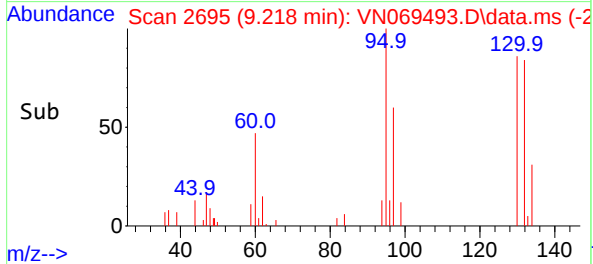
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



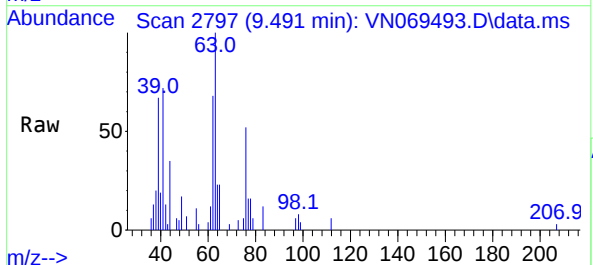
Tgt Ion:130 Resp: 8558
Ion Ratio Lower Upper
130 100
95 116.5 0.0 191.2

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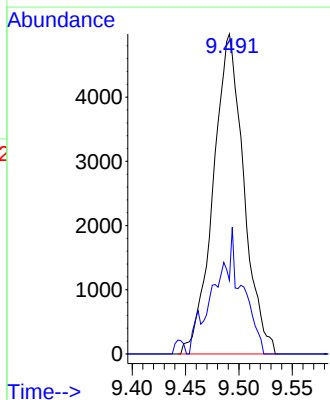
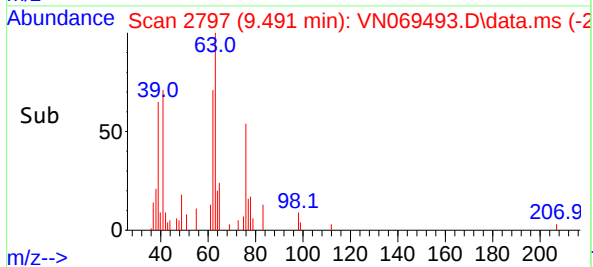
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

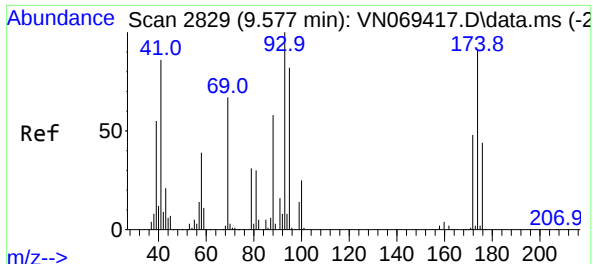


#45
1,2-Dichloropropane
Concen: 0.882 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07



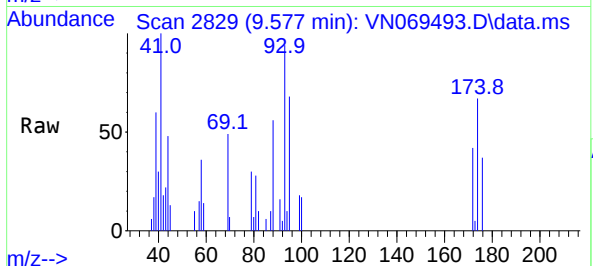
Tgt Ion: 63 Resp: 9921
Ion Ratio Lower Upper
63 100
65 23.0 24.7 37.1#





#46
Dibromomethane
Concen: 0.805 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

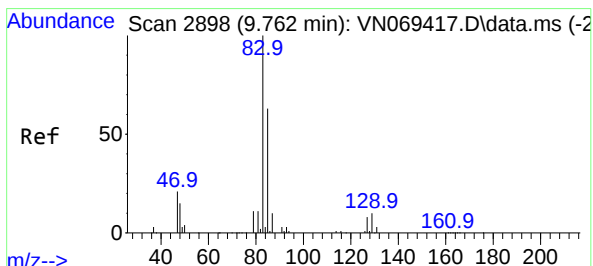
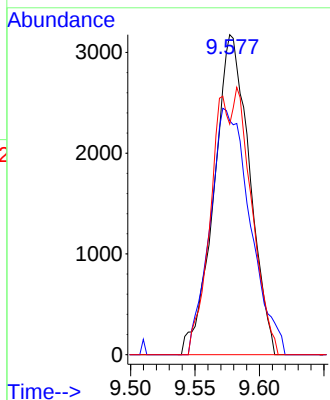
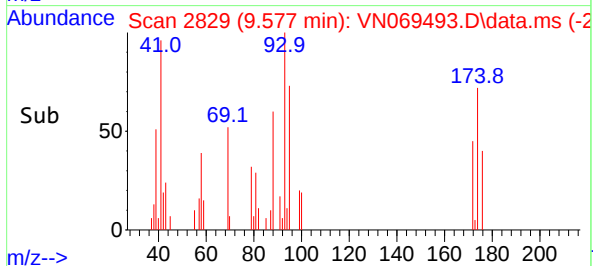
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



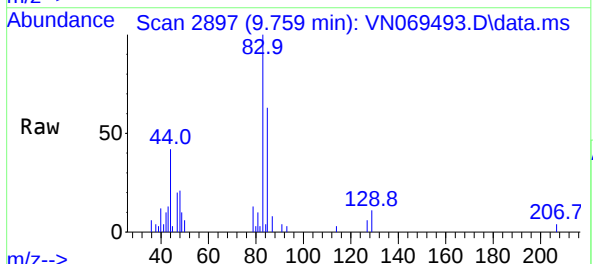
Tgt Ion: 93 Resp: 6062
Ion Ratio Lower Upper
93 100
95 87.2 65.9 98.9
174 46.1 84.6 127.0

Manual Integrations
APPROVED

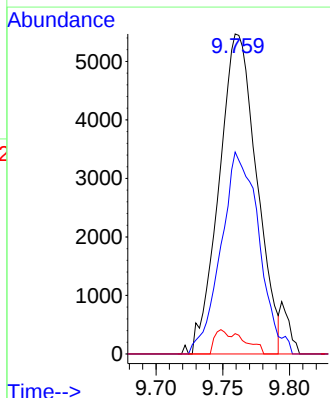
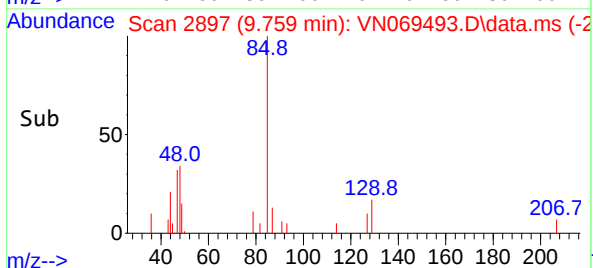
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

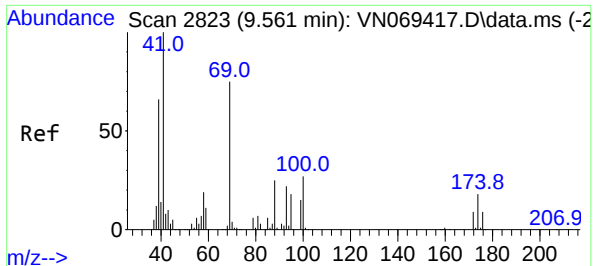


#47
Bromodichloromethane
Concen: 0.763 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07



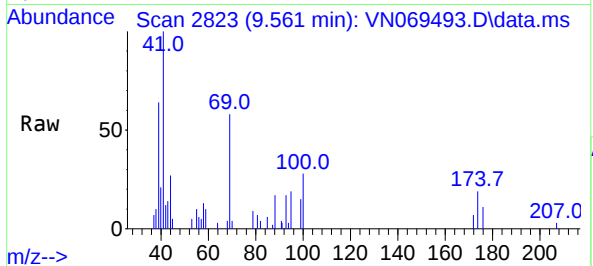
Tgt Ion: 83 Resp: 10724
Ion Ratio Lower Upper
83 100
85 63.1 50.9 76.3
127 6.4 7.1 10.7





#48
Methyl methacrylate
Concen: 0.749 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

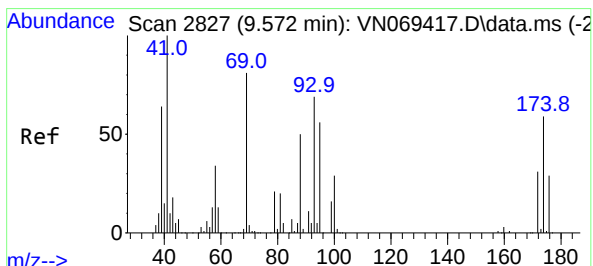
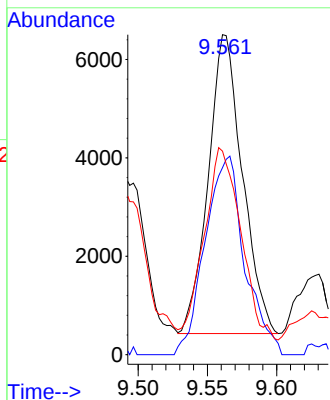
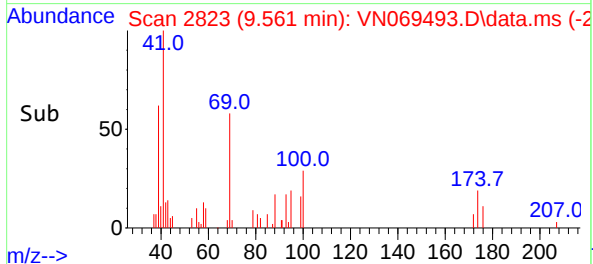
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



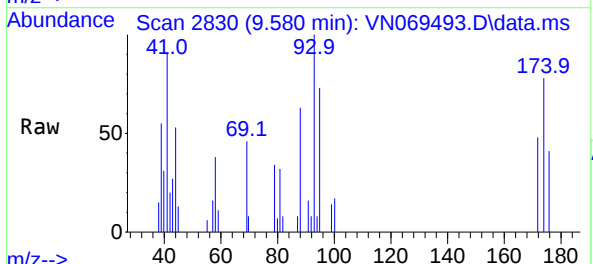
Tgt Ion: 41 Resp: 10430
Ion Ratio Lower Upper
41 100
69 76.6 72.4 108.6
39 68.7 58.4 87.6

Manual Integrations
APPROVED

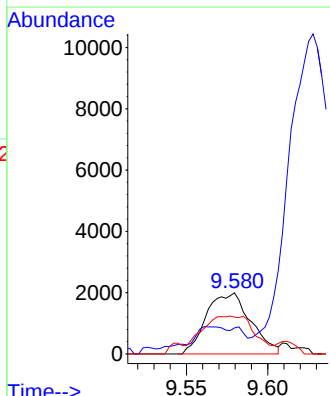
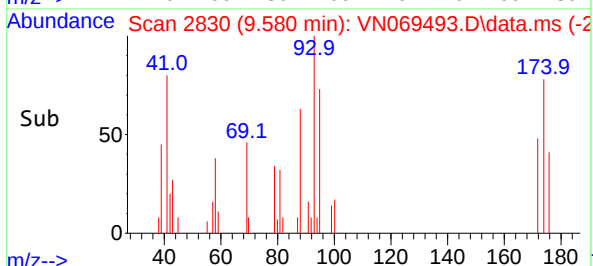
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

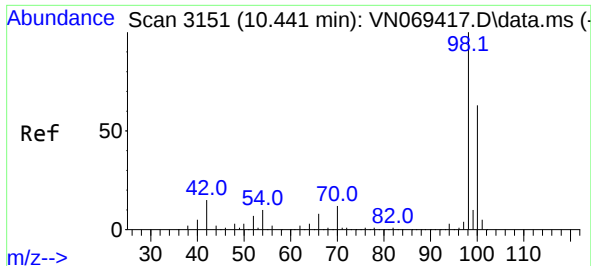


#49
1,4-Dioxane
Concen: 15.160 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.008 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07



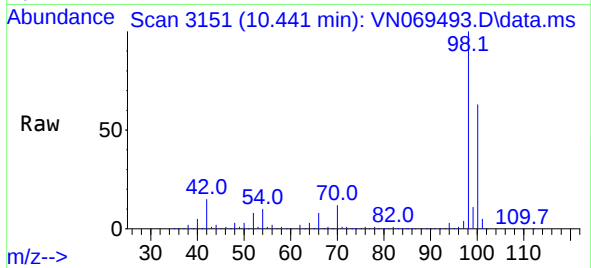
Tgt Ion: 88 Resp: 3766
Ion Ratio Lower Upper
88 100
43 29.0 23.4 35.2
58 74.2 50.6 75.8





#50
Toluene-d8
Concen: 51.182 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

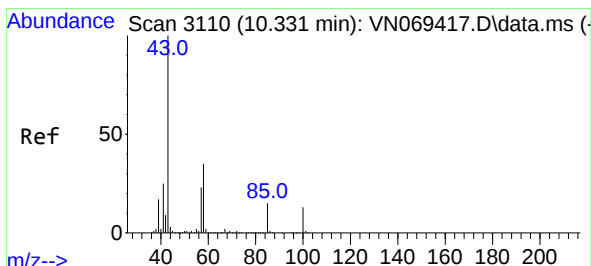
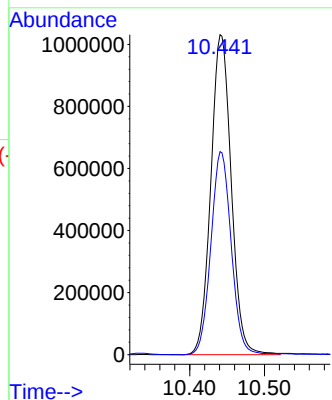
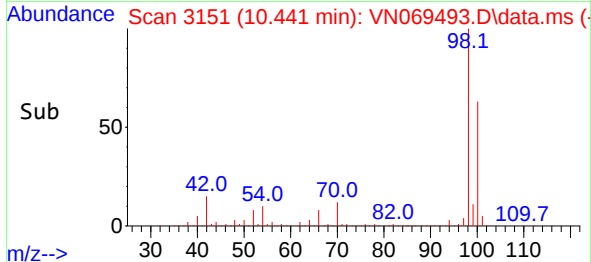
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



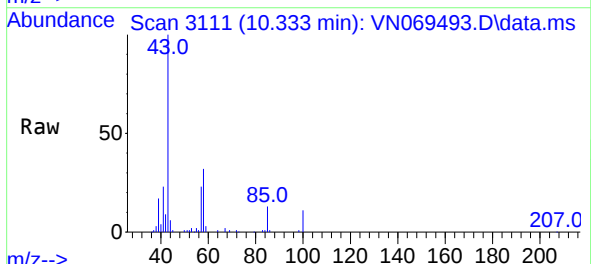
Tgt Ion: 98 Resp: 1956302
Ion Ratio Lower Upper
98 100
100 62.9 50.4 75.6

Manual Integrations
APPROVED

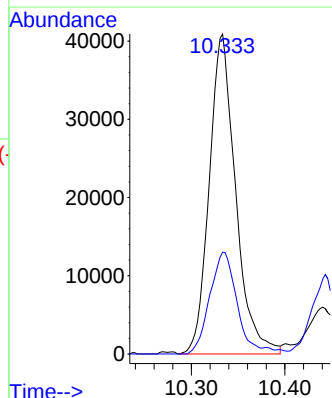
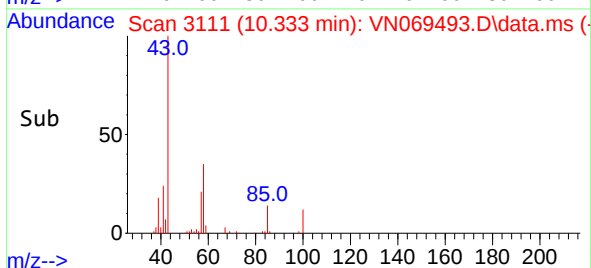
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

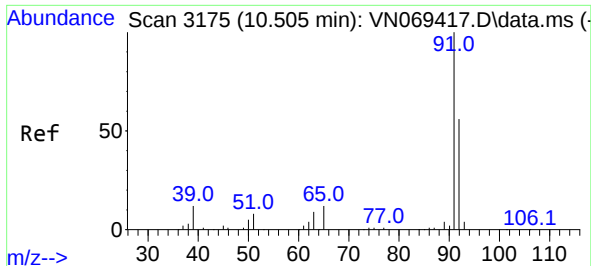


#51
4-Methyl-2-Pentanone
Concen: 4.192 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07



Tgt Ion: 43 Resp: 80111
Ion Ratio Lower Upper
43 100
58 32.3 30.4 45.6





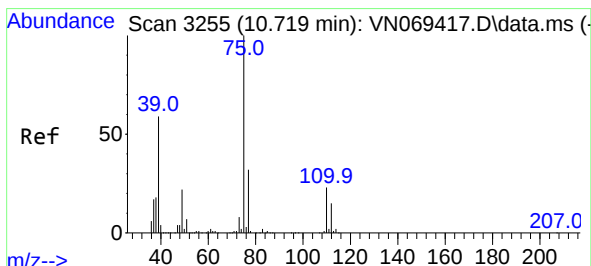
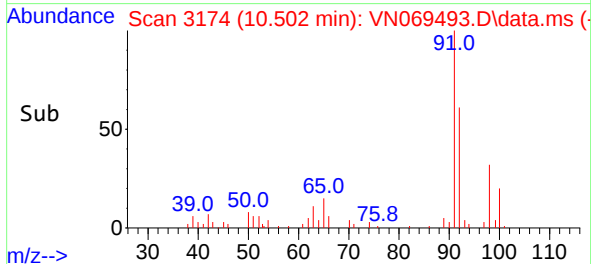
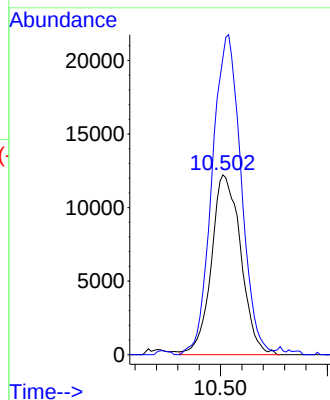
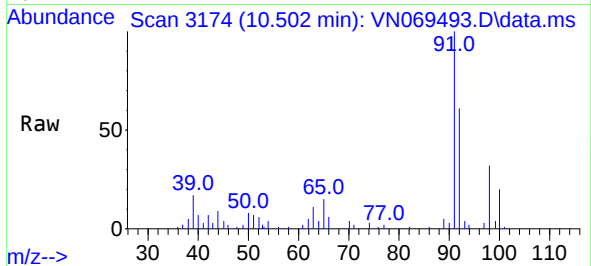
#52
Toluene
Concen: 0.890 ug/l
RT: 10.502 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

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

Tgt Ion: 92 Resp: 2333
Ion Ratio Lower Upper
92 100
91 175.7 142.0 213.0

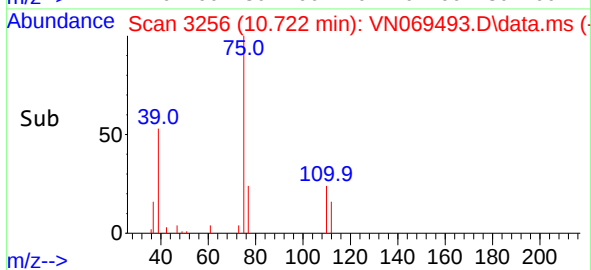
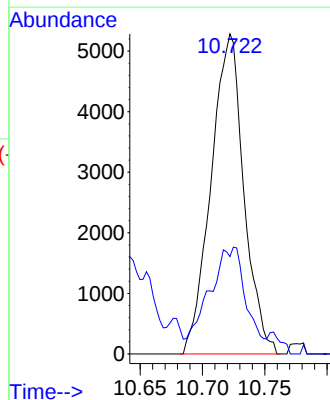
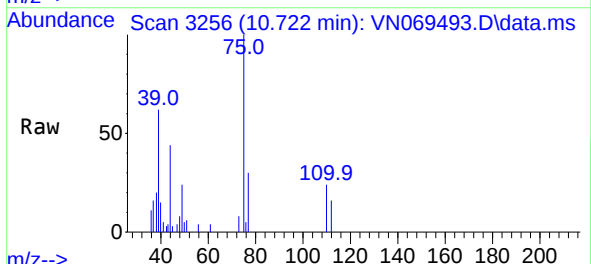
Manual Integrations
APPROVED

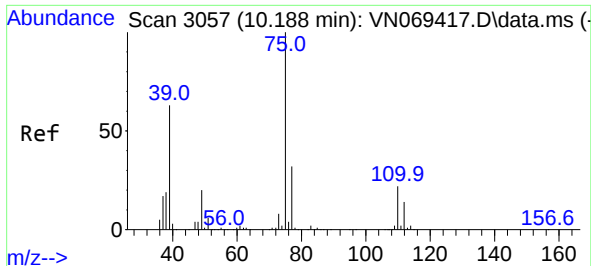
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#53
t-1,3-Dichloropropene
Concen: 0.659 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

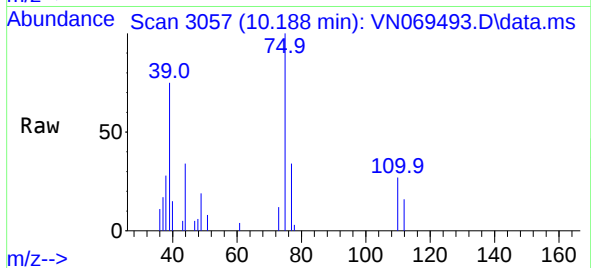
Tgt Ion: 75 Resp: 9682
Ion Ratio Lower Upper
75 100
77 26.8 25.6 38.4





#54
cis-1,3-Dichloropropene
Concen: 0.661 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

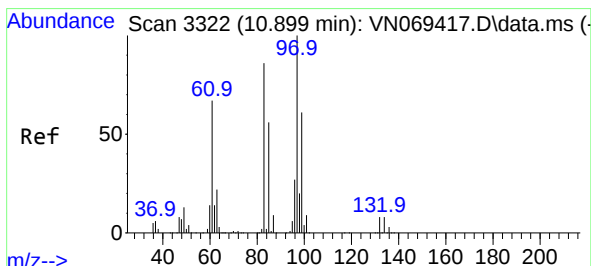
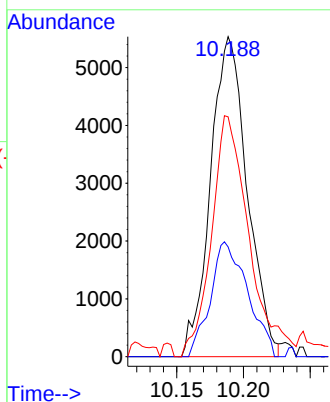
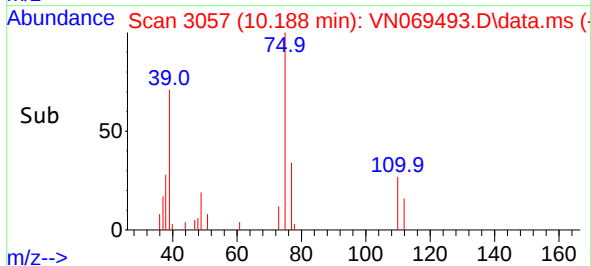
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



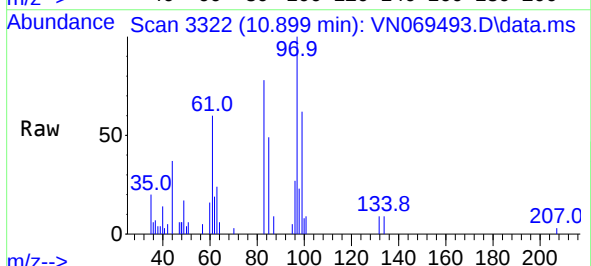
Tgt Ion: 75 Resp: 10592
Ion Ratio Lower Upper
75 100
77 34.3 26.4 39.6
39 75.0 42.5 63.7

Manual Integrations
APPROVED

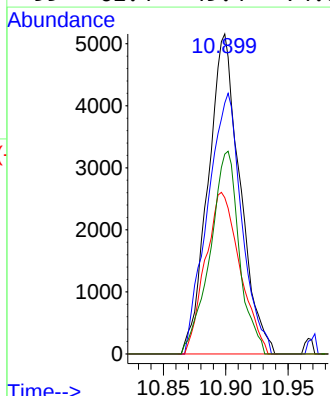
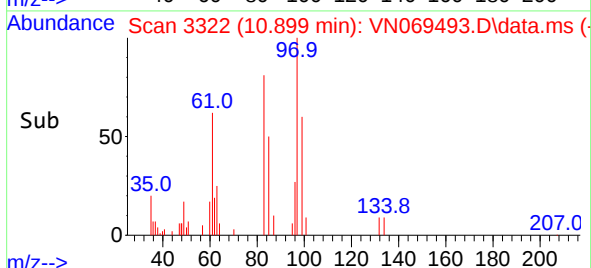
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

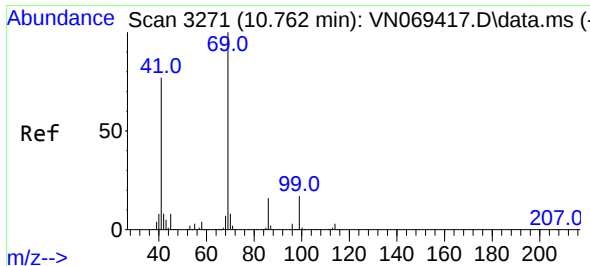


#55
1,1,2-Trichloroethane
Concen: 0.869 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07



Tgt Ion: 97 Resp: 9188
Ion Ratio Lower Upper
97 100
83 78.4 67.8 101.6
85 48.8 45.4 68.2
99 62.4 49.4 74.0





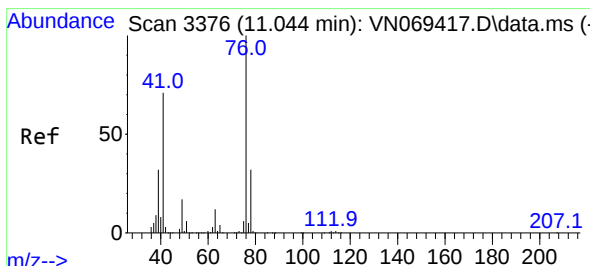
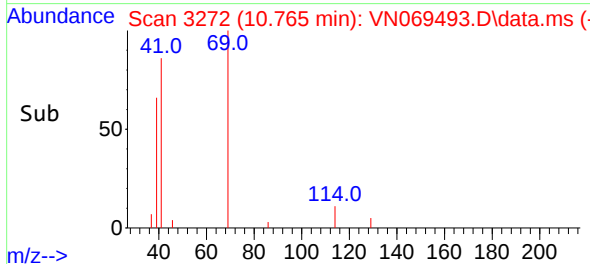
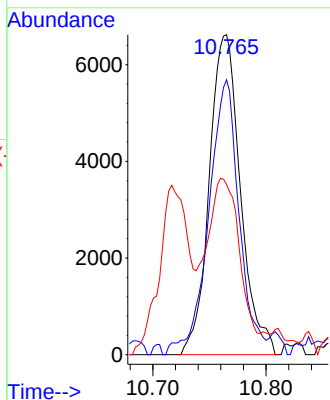
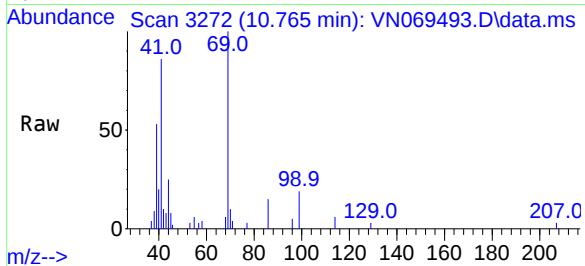
#56
Ethyl methacrylate
Concen: 0.723 ug/l
RT: 10.765 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

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

Tgt Ion: 69 Resp: 1264
Ion Ratio Lower Upper
69 100
41 83.8 51.4 77.0
39 46.5 34.6 52.0

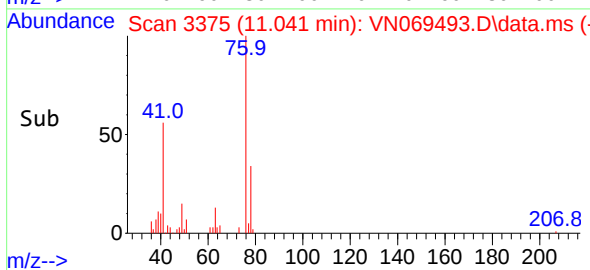
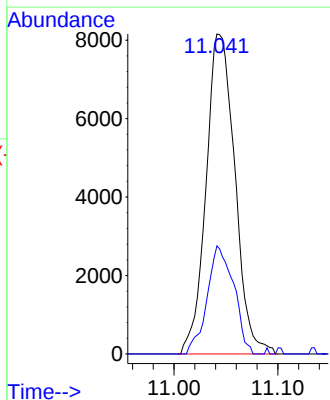
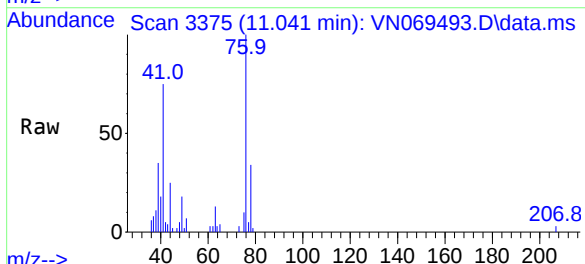
Manual Integrations
APPROVED

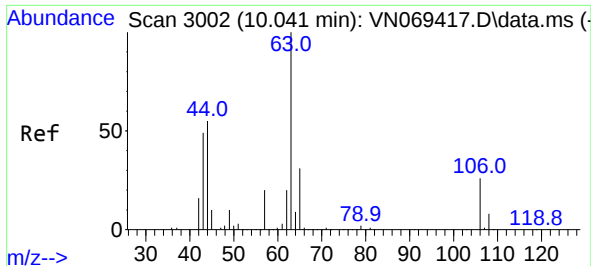
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#57
1,3-Dichloropropane
Concen: 0.850 ug/l
RT: 11.041 min Scan# 3375
Delta R.T. -0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

Tgt Ion: 76 Resp: 15779
Ion Ratio Lower Upper
76 100
78 31.1 25.7 38.5





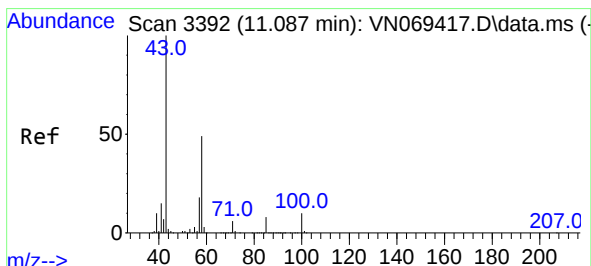
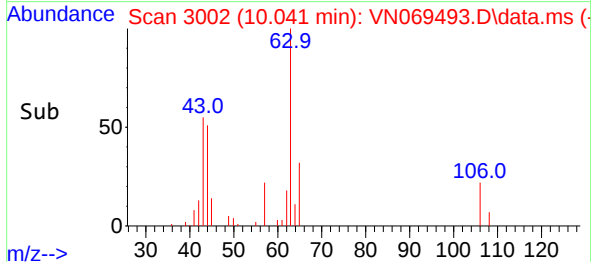
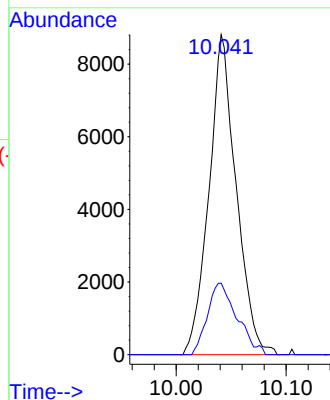
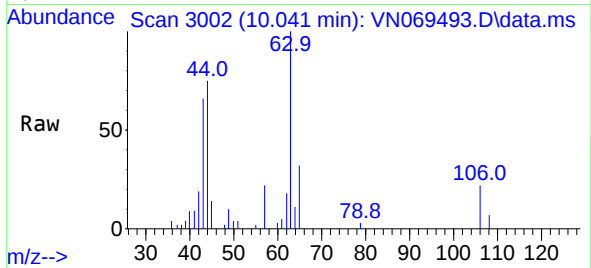
#58
2-Chloroethyl Vinyl ether
Concen: 3.738 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

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

Tgt Ion: 63 Resp: 1515
Ion Ratio Lower Upper
63 100
106 24.3 23.9 35.9

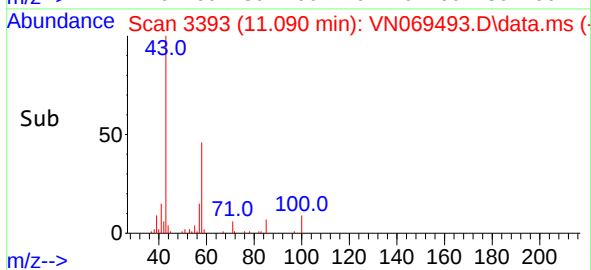
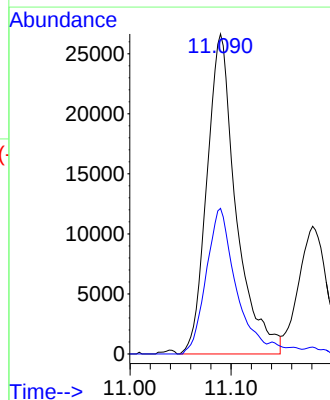
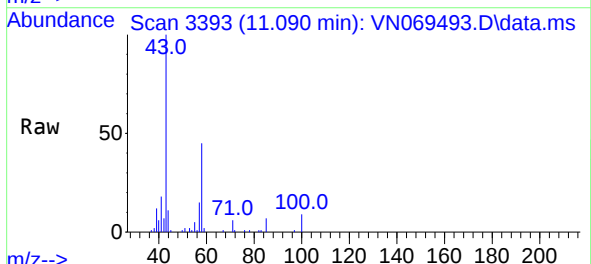
Manual Integrations
APPROVED

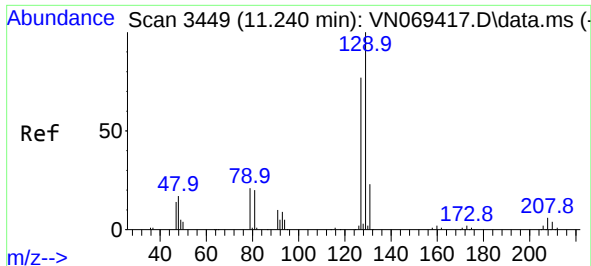
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#59
2-Hexanone
Concen: 3.751 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

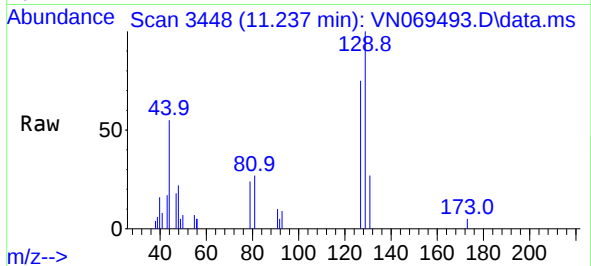
Tgt Ion: 43 Resp: 53414
Ion Ratio Lower Upper
43 100
58 45.7 26.9 80.7





#60
Dibromochloromethane
Concen: 0.681 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

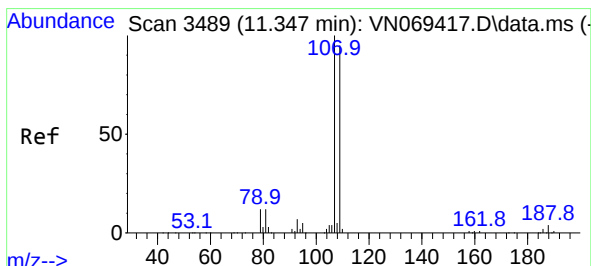
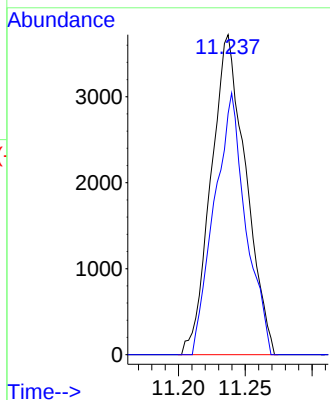
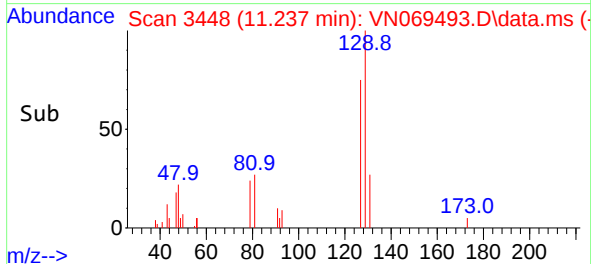
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



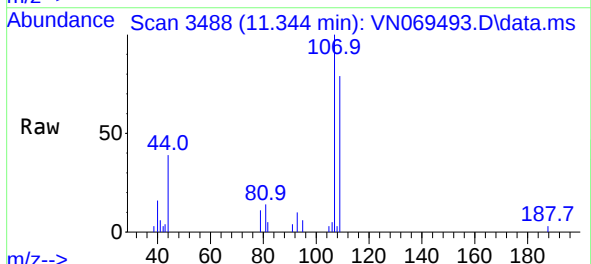
Tgt Ion:129 Resp: 6734
Ion Ratio Lower Upper
129 100
127 74.3 38.6 116.0

Manual Integrations
APPROVED

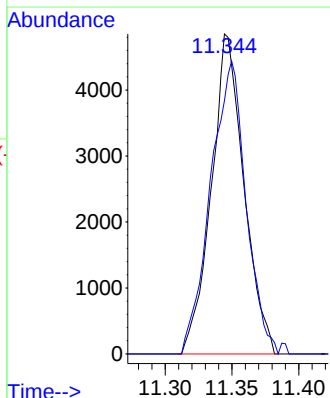
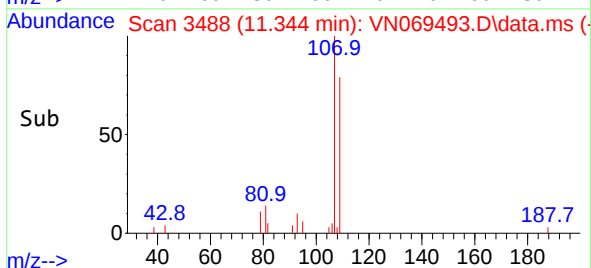
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

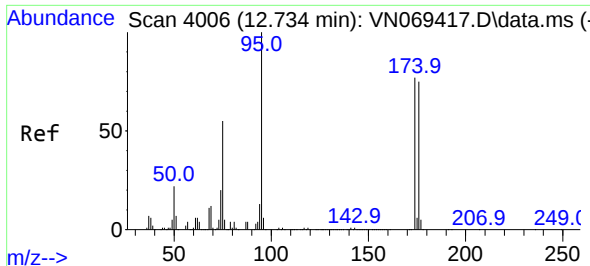


#61
1,2-Dibromoethane
Concen: 0.769 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07



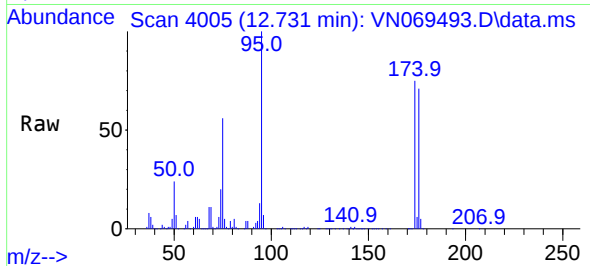
Tgt Ion:107 Resp: 8227
Ion Ratio Lower Upper
107 100
109 99.6 75.7 113.5





#62
4-Bromofluorobenzene
Concen: 42.174 ug/l
RT: 12.731 min Scan# 4006
Delta R.T. -0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

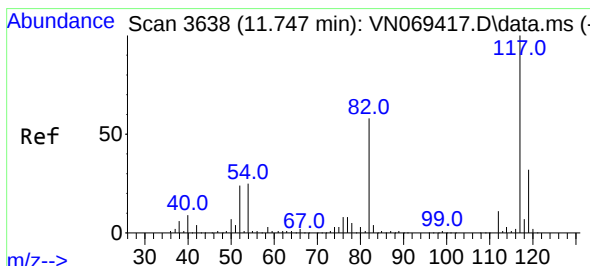
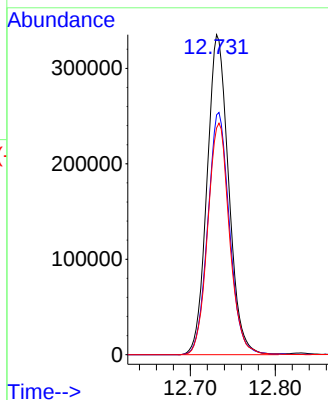
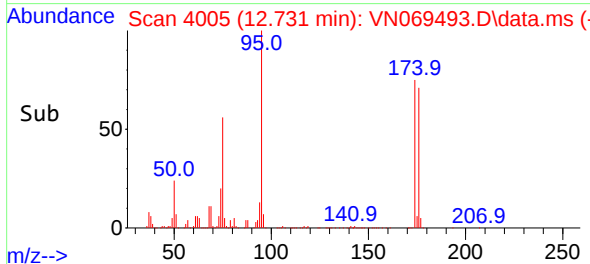
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



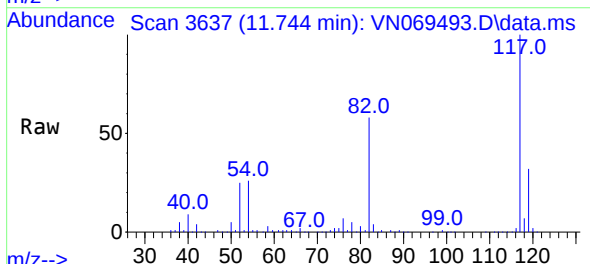
Tgt Ion: 95 Resp: 592190
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.0 0.0 181.4

Manual Integrations
APPROVED

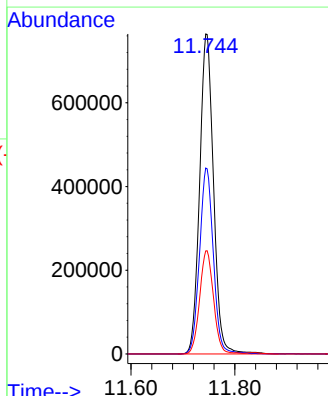
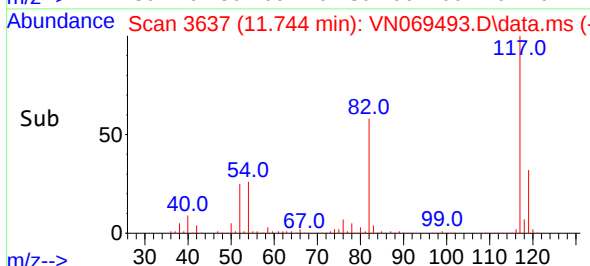
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

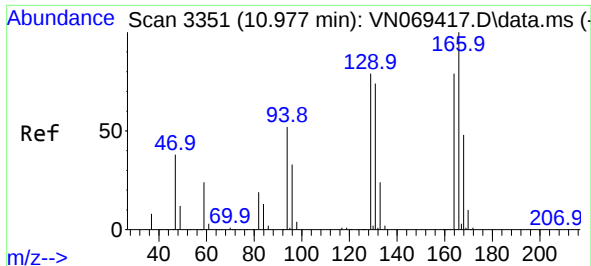


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07



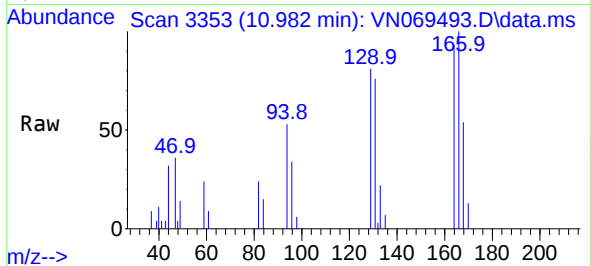
Tgt Ion:117 Resp: 1419710
Ion Ratio Lower Upper
117 100
82 58.1 42.4 63.6
119 32.2 25.4 38.2





#64
Tetrachloroethene
Concen: 0.964 ug/l m
RT: 10.982 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

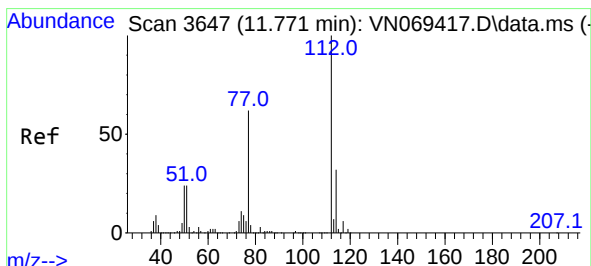
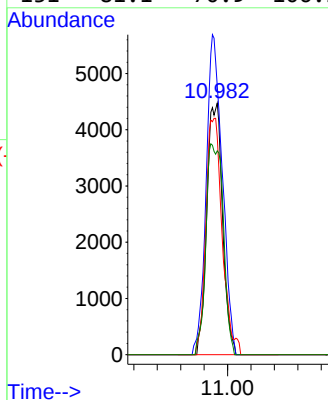
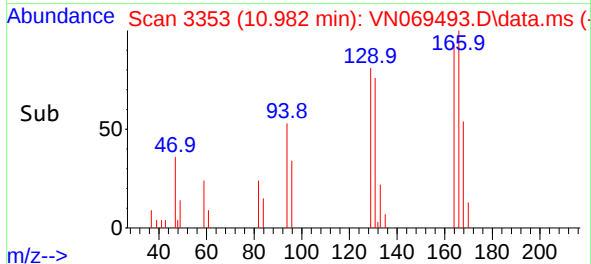
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:164 Resp: 8260
Ion Ratio Lower Upper
164 100
166 107.0 101.9 152.9
129 86.7 72.0 108.0
131 81.1 70.9 106.3

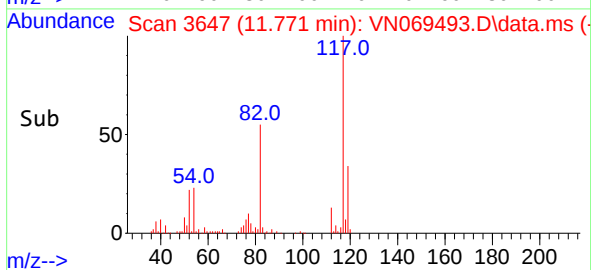
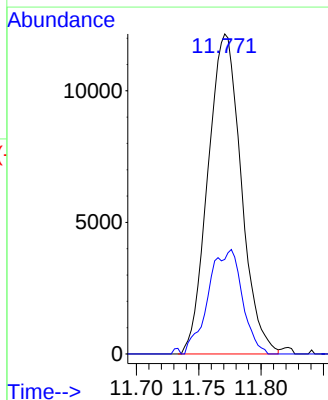
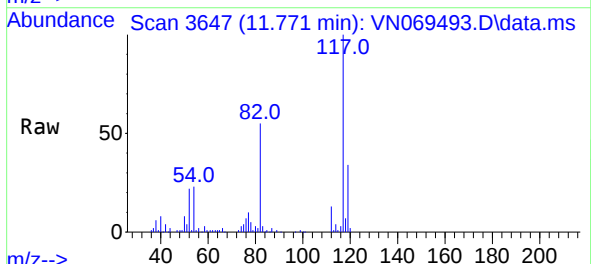
Manual Integrations
APPROVED

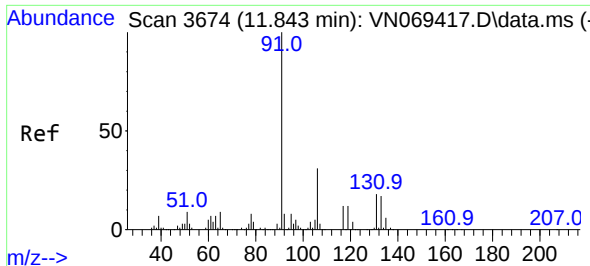
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#65
Chlorobenzene
Concen: 0.852 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

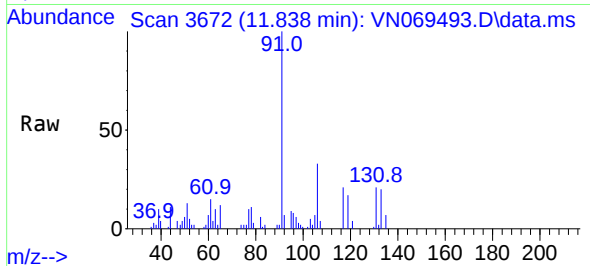
Tgt Ion:112 Resp: 22527
Ion Ratio Lower Upper
112 100
114 29.6 25.4 38.0





#66
1,1,1,2-Tetrachloroethane
Concen: 0.760 ug/l
RT: 11.838 min Scan# 3672
Delta R.T. -0.005 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

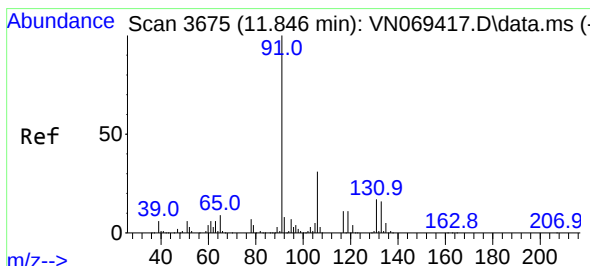
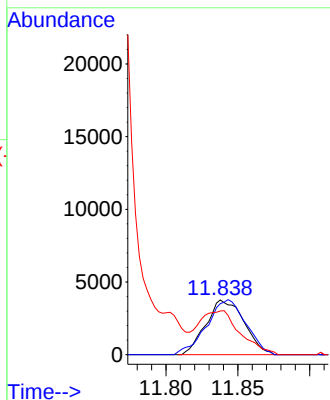
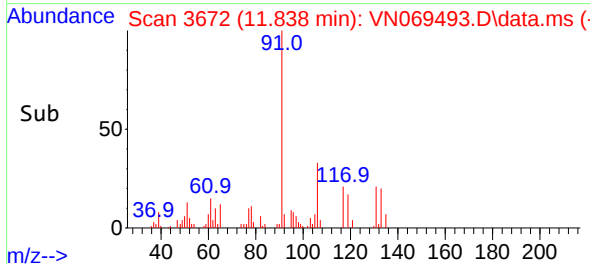
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2021



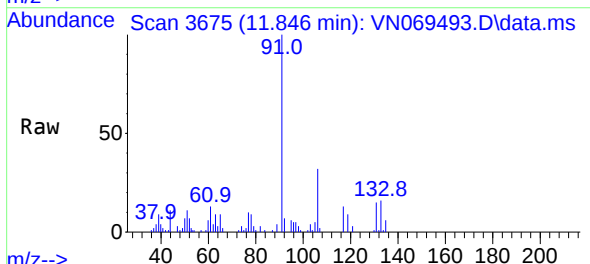
Tgt Ion:131 Resp: 6970
Ion Ratio Lower Upper
131 100
133 102.5 47.9 143.7
119 0.0 32.1 96.5

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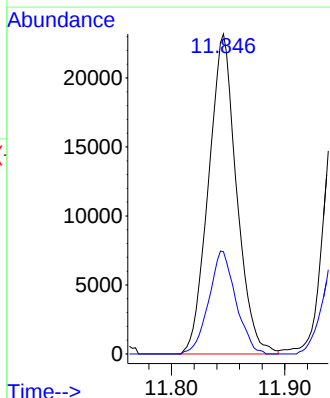
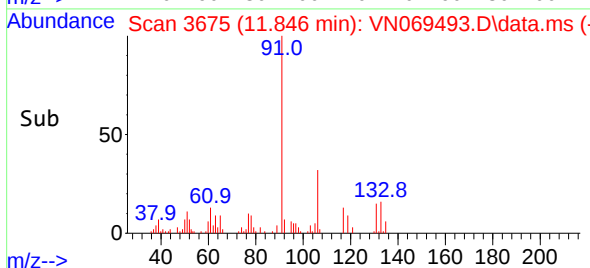
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

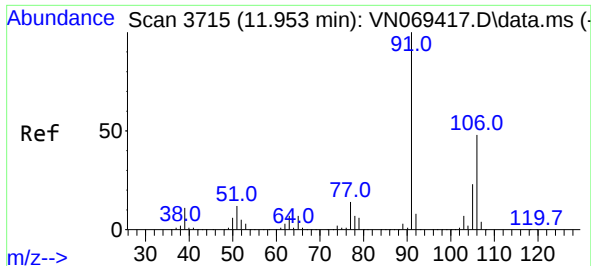


#67
Ethyl Benzene
Concen: 0.816 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07



Tgt Ion: 91 Resp: 39776
Ion Ratio Lower Upper
91 100
106 31.9 25.7 38.5





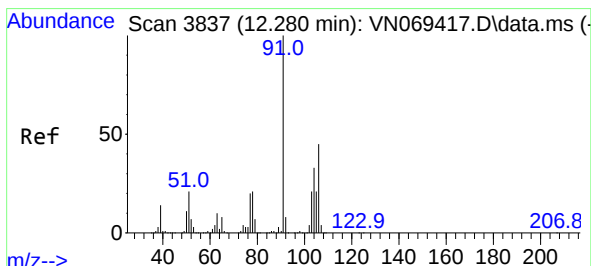
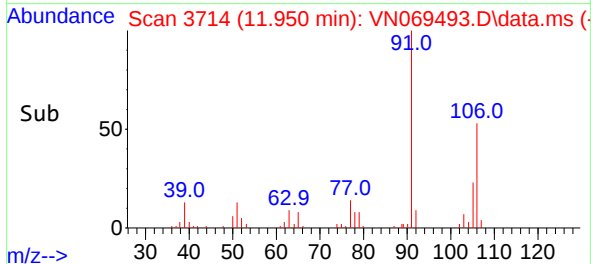
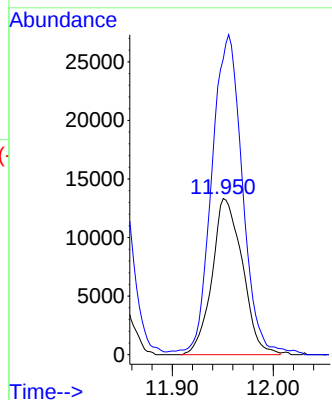
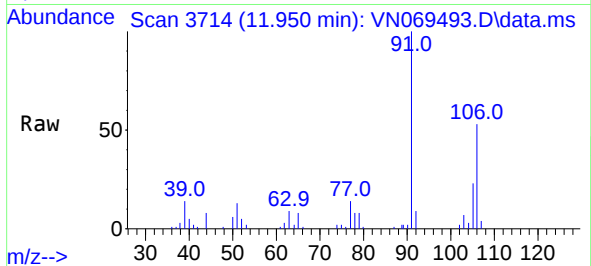
#68
m/p-Xylenes
Concen: 1.550 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

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

Tgt Ion:106 Resp: 27784
Ion Ratio Lower Upper
106 100
91 207.9 160.6 240.8

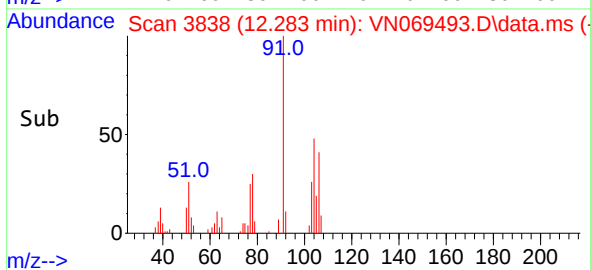
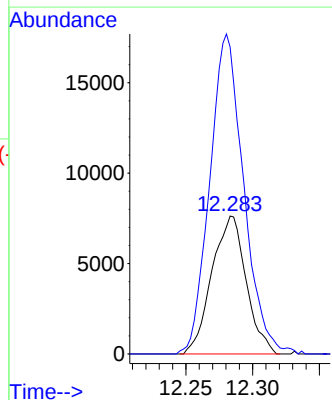
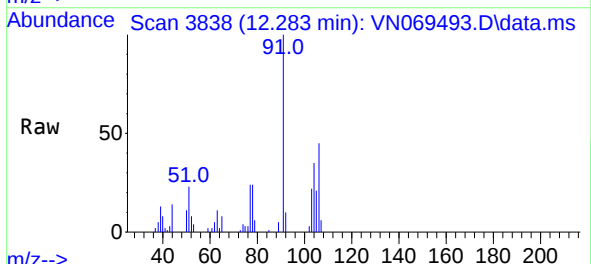
Manual Integrations
APPROVED

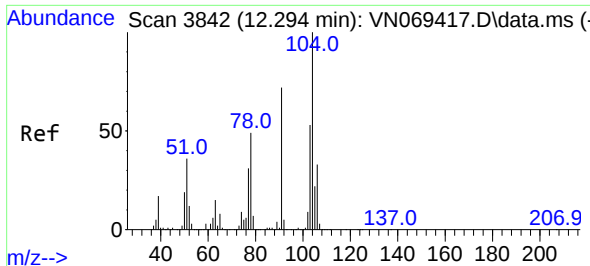
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#69
o-Xylene
Concen: 0.761 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

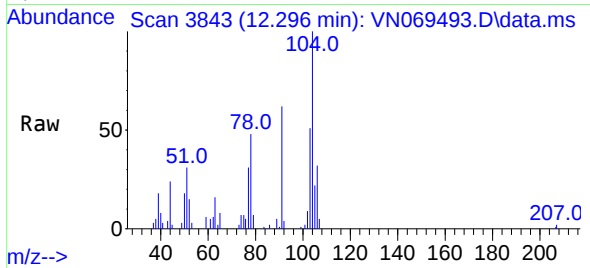
Tgt Ion:106 Resp: 13602
Ion Ratio Lower Upper
106 100
91 229.8 105.8 317.3





#70
Styrene
Concen: 0.725 ug/l
RT: 12.296 min Scan# 3842
Delta R.T. 0.002 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

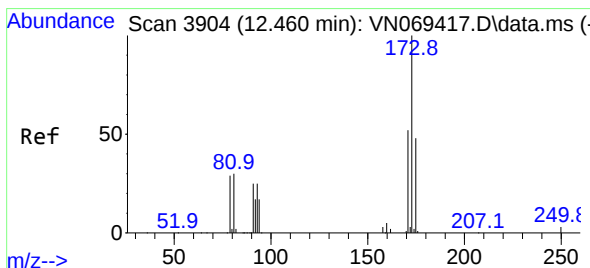
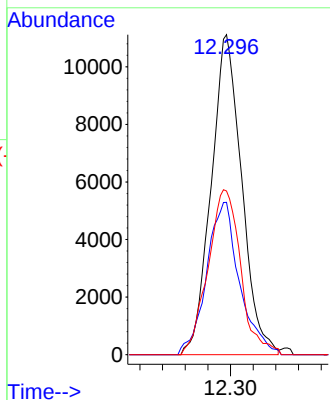
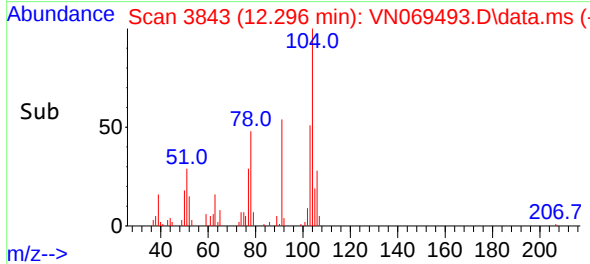
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:104 Resp: 20809
Ion Ratio Lower Upper
104 100
78 51.3 38.7 58.1
103 55.1 45.0 67.6

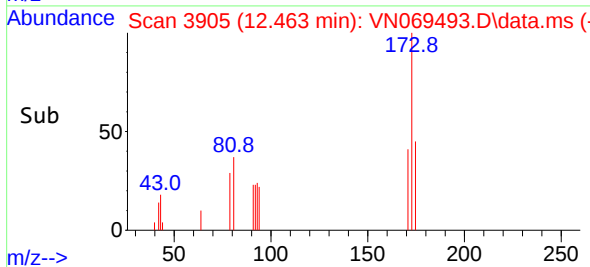
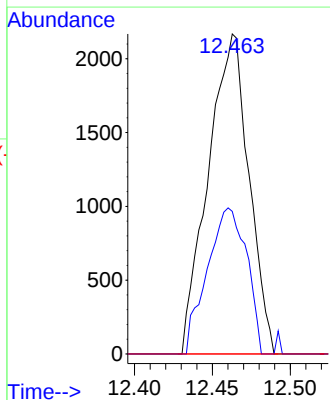
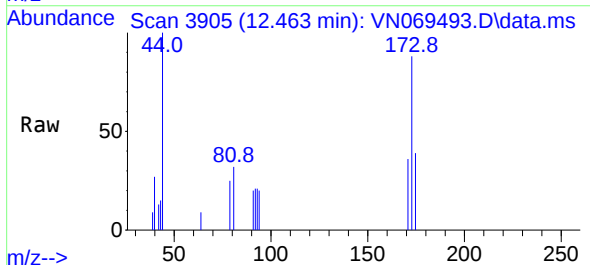
Manual Integrations
APPROVED

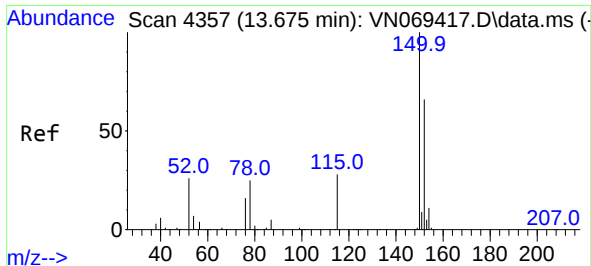
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#71
Bromoform
Concen: 0.603 ug/l
RT: 12.463 min Scan# 3905
Delta R.T. 0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

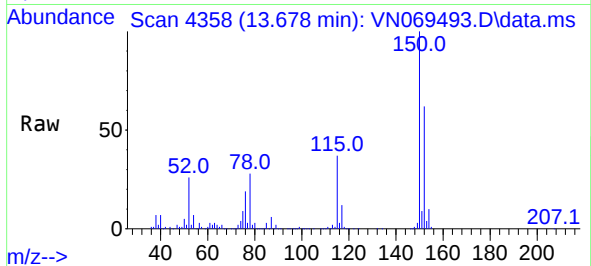
Tgt Ion:173 Resp: 3943
Ion Ratio Lower Upper
173 100
175 44.2 24.2 72.6
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

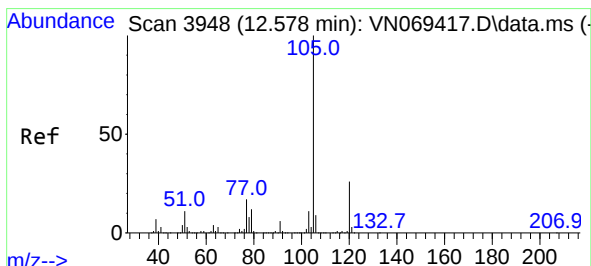
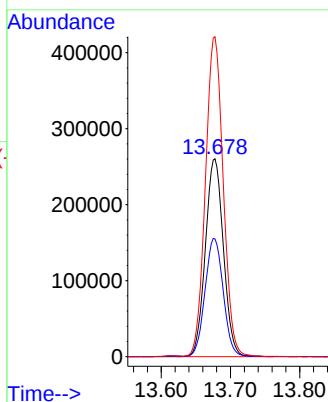
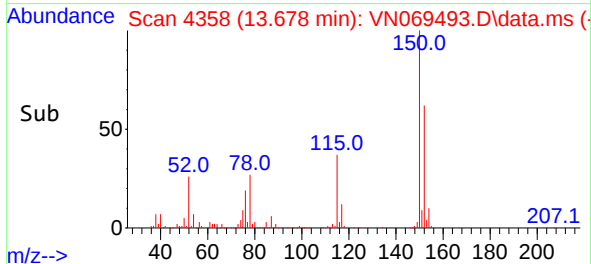
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



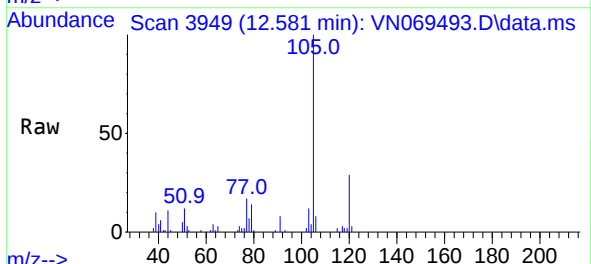
Tgt Ion:152 Resp: 47126
Ion Ratio Lower Upper
152 100
115 59.6 27.5 82.5
150 159.1 0.0 344.4

Manual Integrations
APPROVED

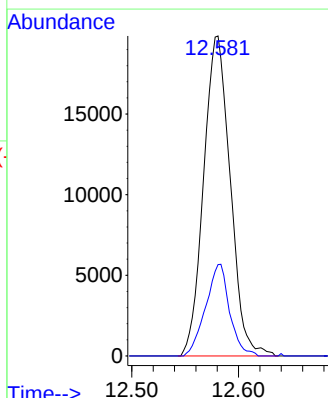
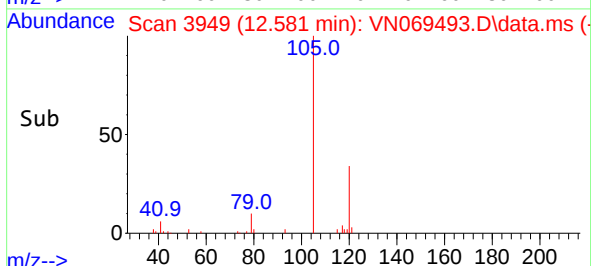
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

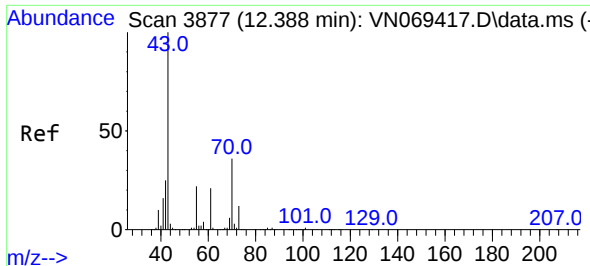


#73
Isopropylbenzene
Concen: 0.916 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07



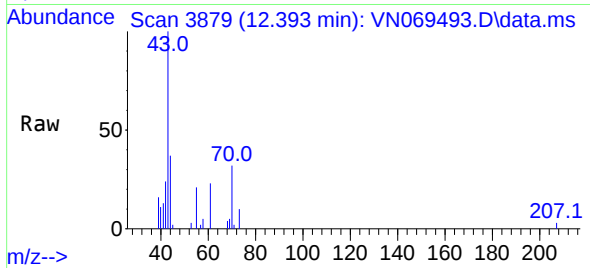
Tgt Ion:105 Resp: 34371
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1





#74
N-amy1 acetate
Concen: 0.850 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.005 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

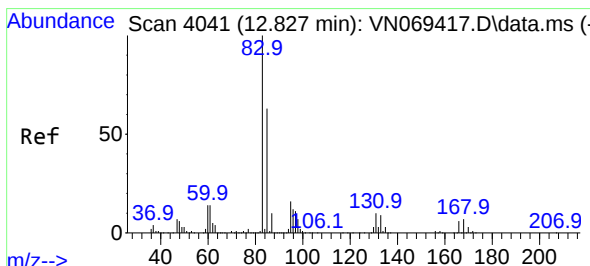
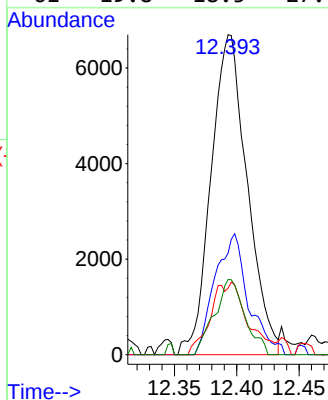
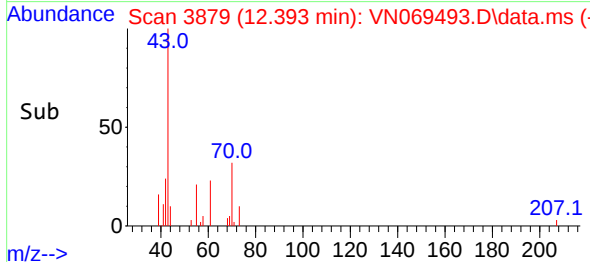
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 43 Resp: 1351
Ion Ratio Lower Upper
43 100
70 35.0 33.4 50.0
55 10.0 19.3 28.9
61 19.8 18.5 27.7

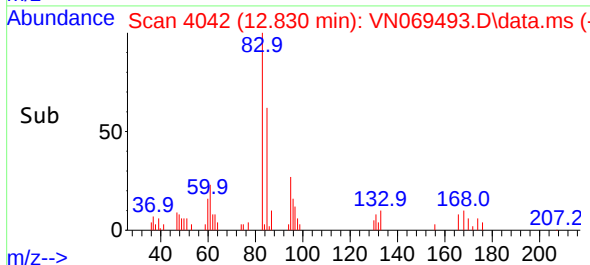
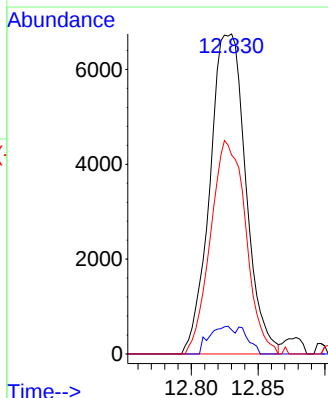
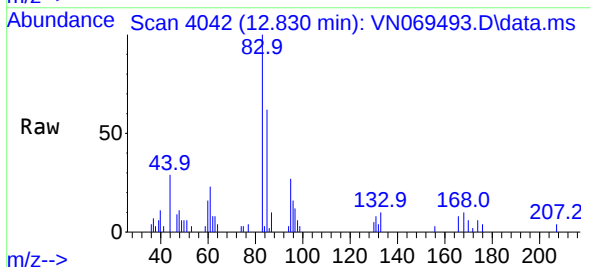
Manual Integrations
APPROVED

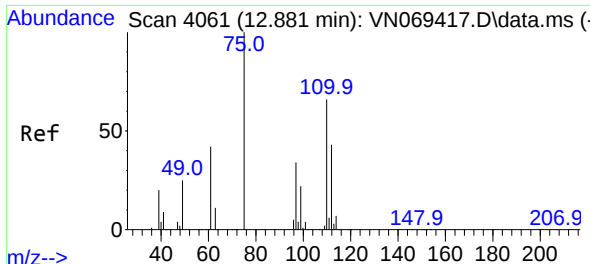
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#75
1,1,2,2-Tetrachloroethane
Concen: 0.996 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

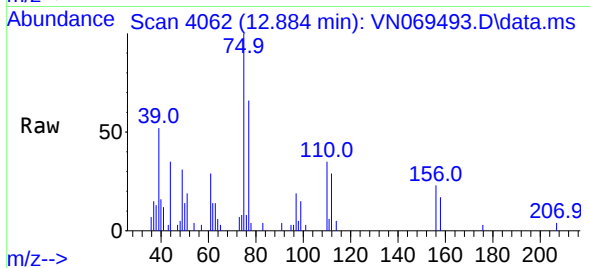
Tgt Ion: 83 Resp: 12604
Ion Ratio Lower Upper
83 100
131 6.0 5.5 16.5
85 65.3 32.4 97.2





#76
1,2,3-Trichloropropane
Concen: 1.036 ug/l m
RT: 12.884 min Scan# 4061
Delta R.T. 0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

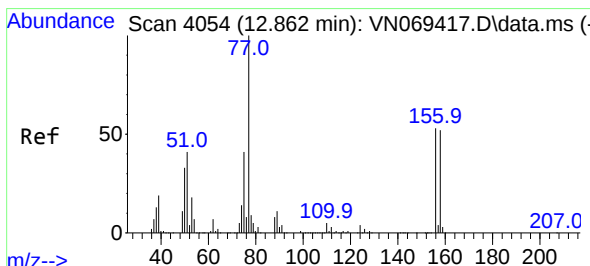
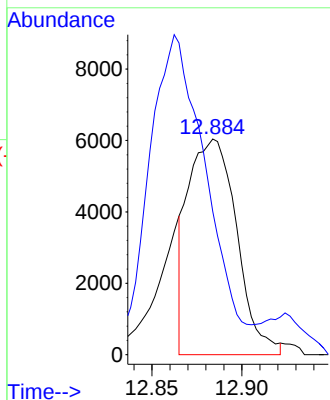
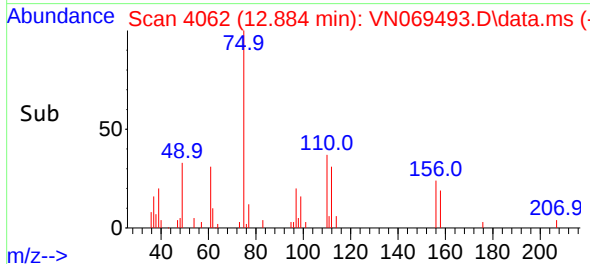
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



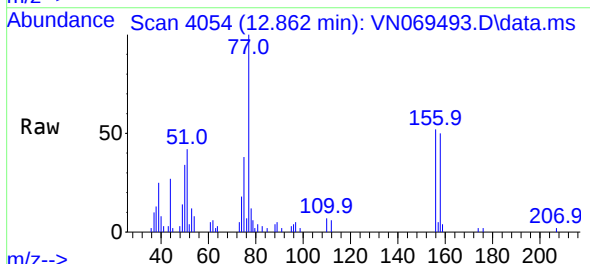
Tgt Ion: 75 Resp: 11269
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8

Manual Integrations
APPROVED

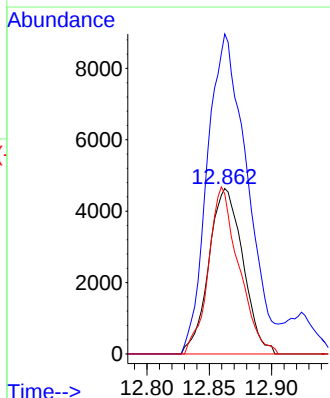
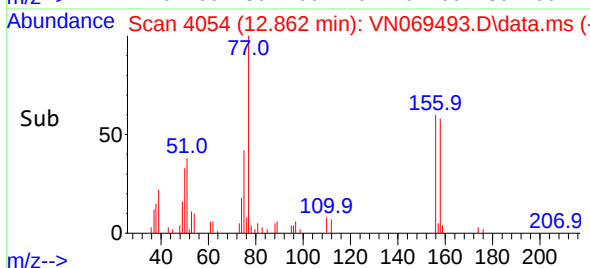
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

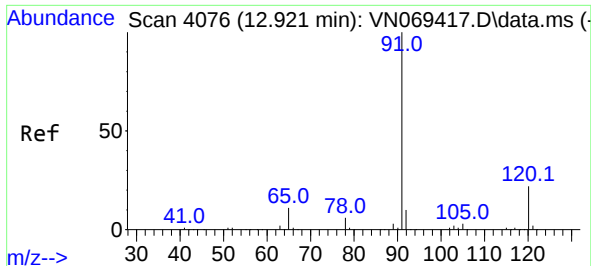


#77
Bromobenzene
Concen: 1.029 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07



Tgt Ion:156 Resp: 8827
Ion Ratio Lower Upper
156 100
77 224.8 90.6 271.8
158 90.3 48.9 146.7





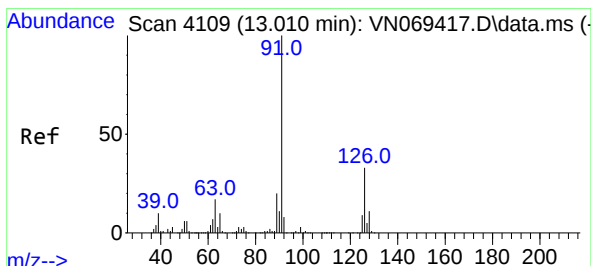
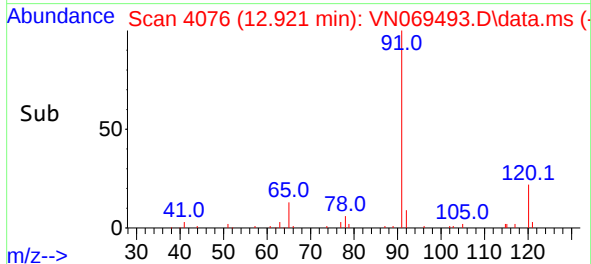
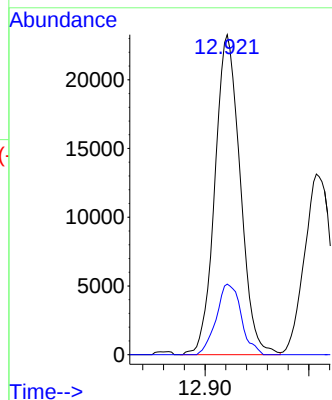
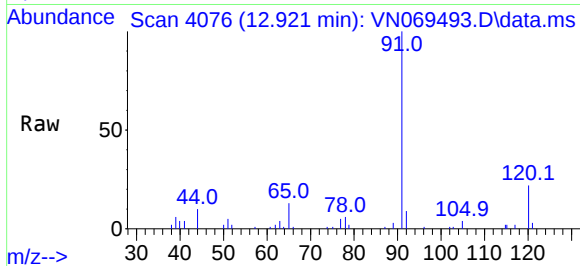
#78
n-propylbenzene
Concen: 0.933 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

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

Tgt Ion: 91 Resp: 3940
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9

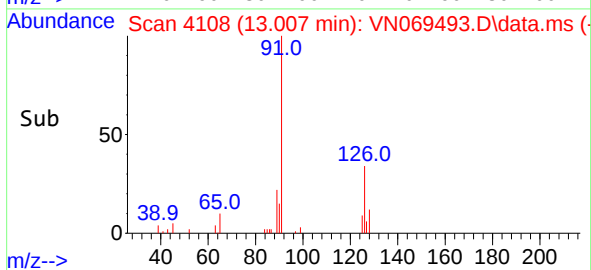
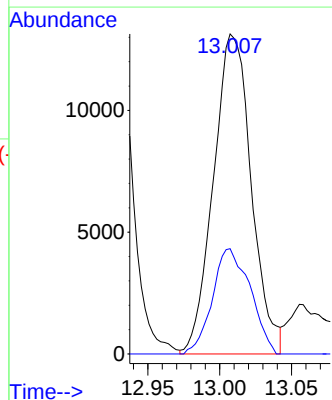
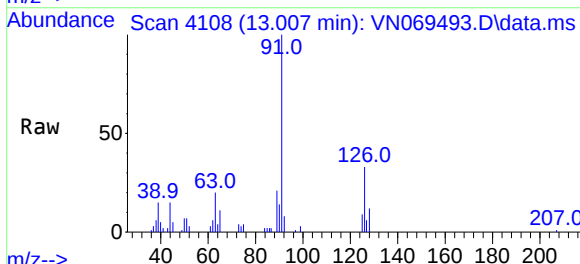
Manual Integrations
APPROVED

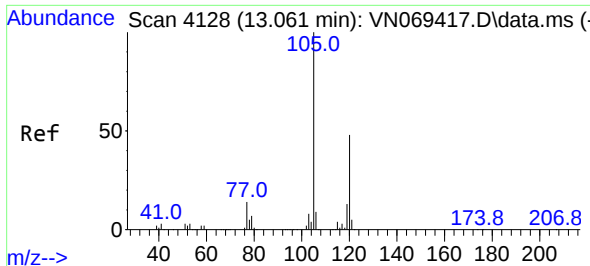
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#79
2-Chlorotoluene
Concen: 0.921 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. -0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

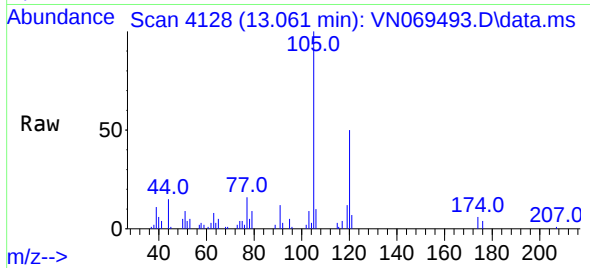
Tgt Ion: 91 Resp: 24074
Ion Ratio Lower Upper
91 100
126 32.9 18.3 54.8





#80
1,3,5-Trimethylbenzene
Concen: 0.847 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

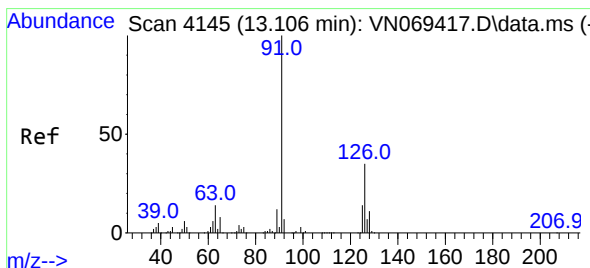
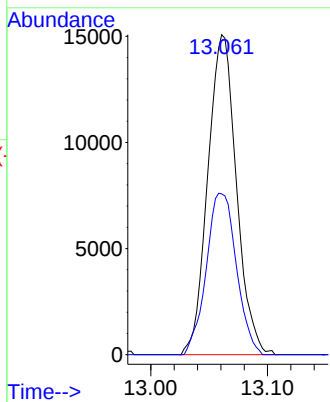
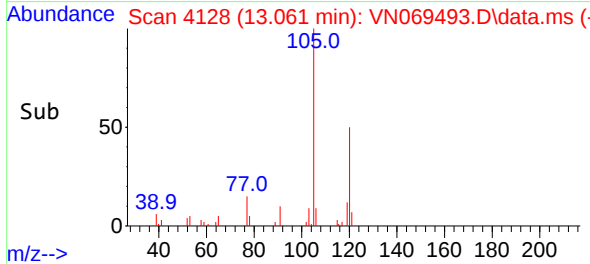
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



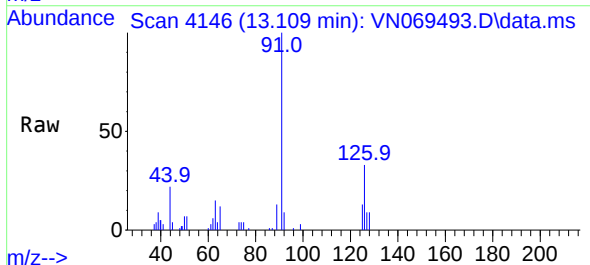
Tgt Ion:105 Resp: 2568
Ion Ratio Lower Upper
105 100
120 53.0 24.6 73.6

Manual Integrations
APPROVED

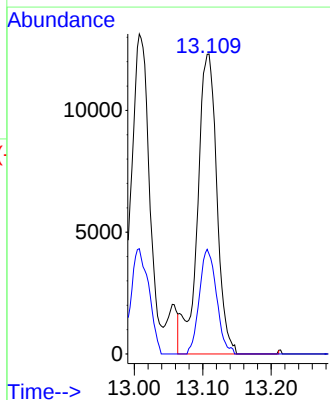
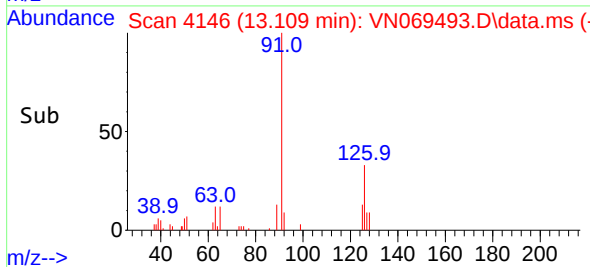
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

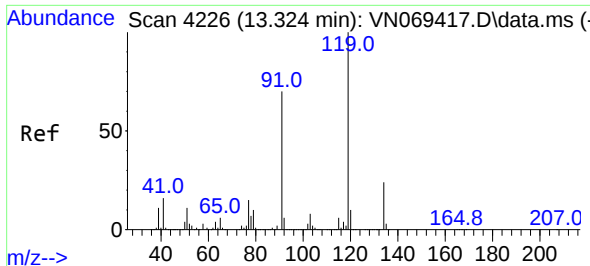


#82
4-Chlorotoluene
Concen: 0.970 ug/l m
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07



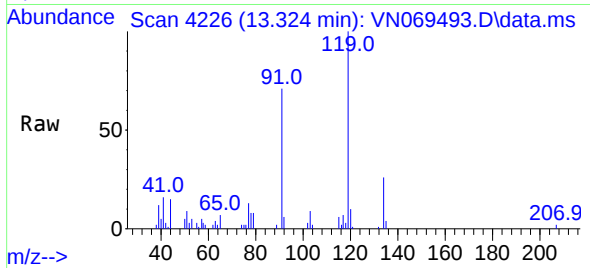
Tgt Ion: 91 Resp: 24168
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#





#83
tert-Butylbenzene
Concen: 0.898 ug/l
RT: 13.324 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

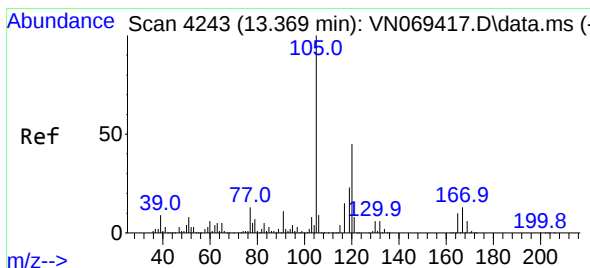
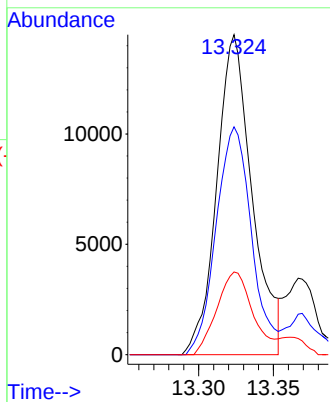
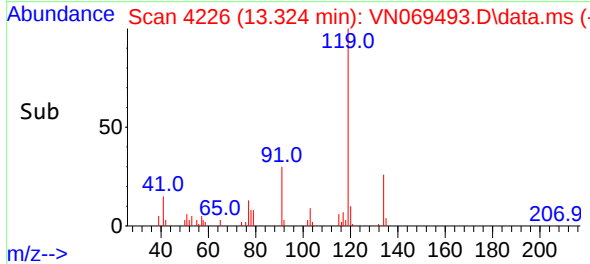
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



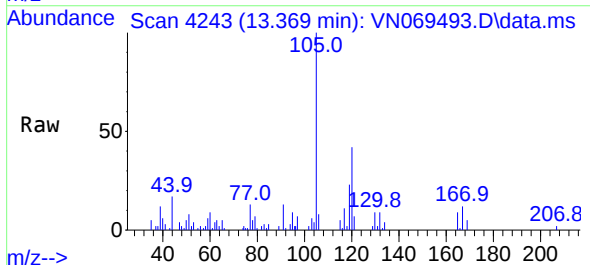
Tgt Ion:119 Resp: 23874
Ion Ratio Lower Upper
119 100
91 71.3 31.5 94.5
134 26.2 12.4 37.4

Manual Integrations
APPROVED

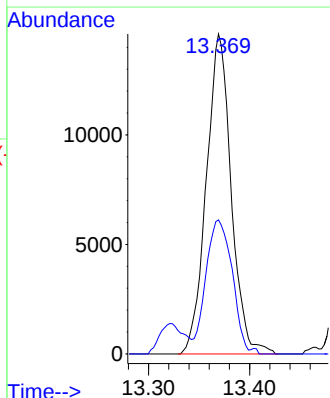
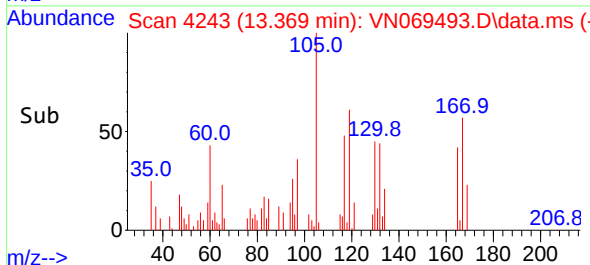
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

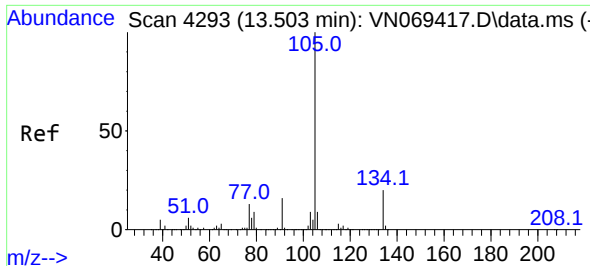


#84
1,2,4-Trimethylbenzene
Concen: 0.852 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07



Tgt Ion:105 Resp: 24956
Ion Ratio Lower Upper
105 100
120 44.7 22.8 68.4





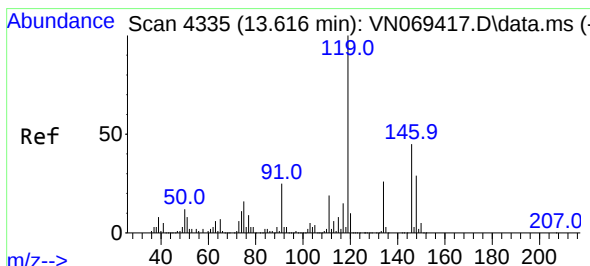
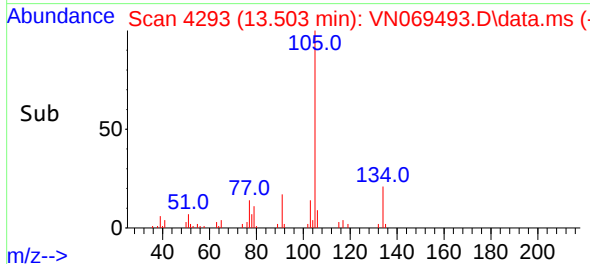
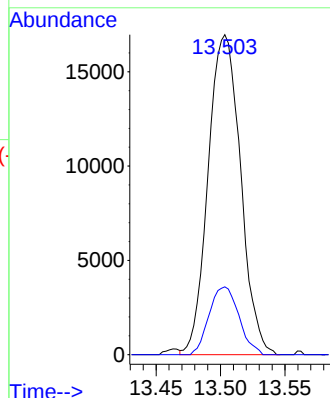
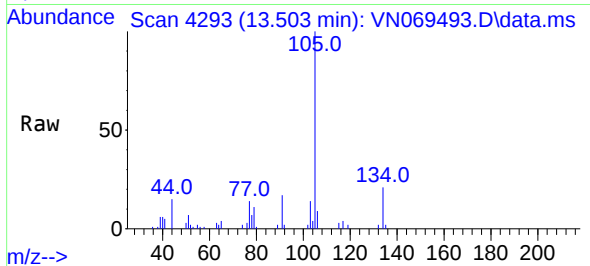
#85
 sec-Butylbenzene
 Concen: 0.800 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069493.D
 Acq: 15 Nov 2021 16:07

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

Tgt Ion:105 Resp: 2970
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

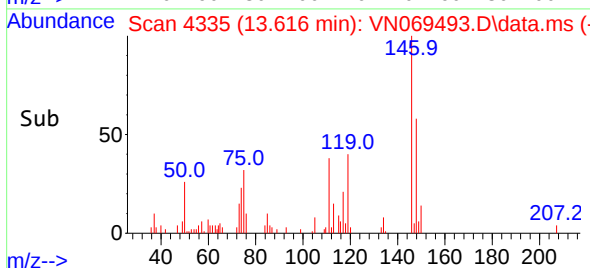
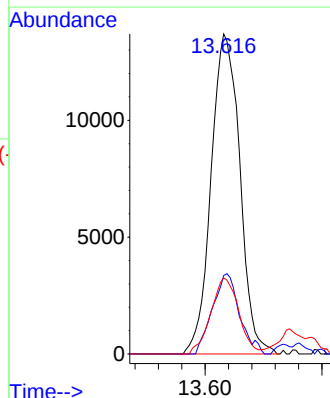
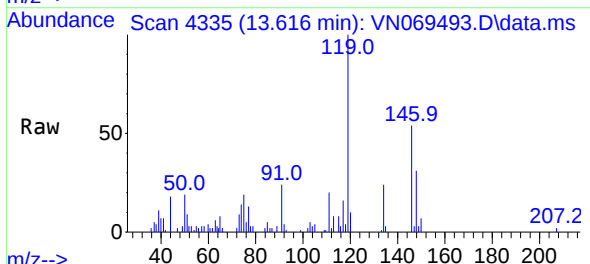
Manual Integrations
 APPROVED

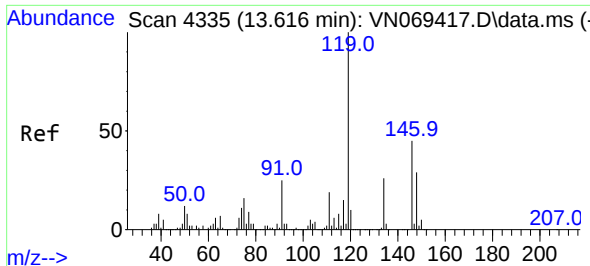
Reviewed By :John Carlone 11/16/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 0.794 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069493.D
 Acq: 15 Nov 2021 16:07

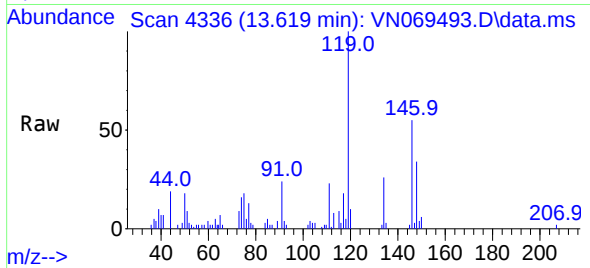
Tgt Ion:119 Resp: 23405
 Ion Ratio Lower Upper
 119 100
 134 23.5 13.6 40.7
 91 23.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 0.905 ug/l
RT: 13.619 min Scan# 4335
Delta R.T. 0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

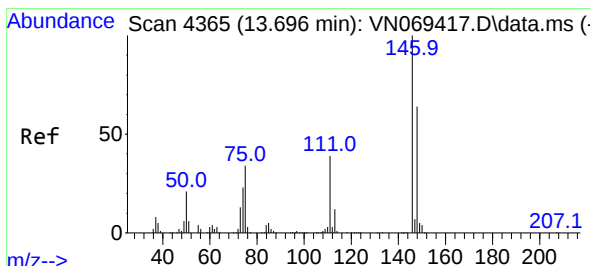
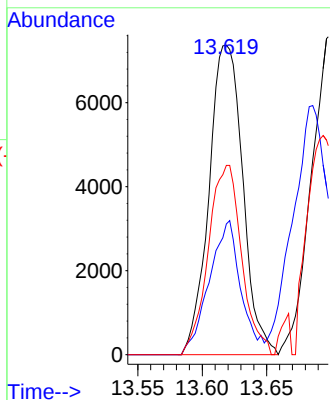
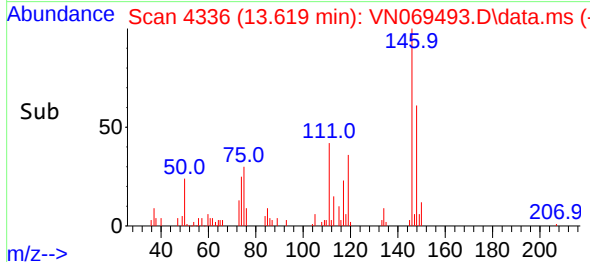
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



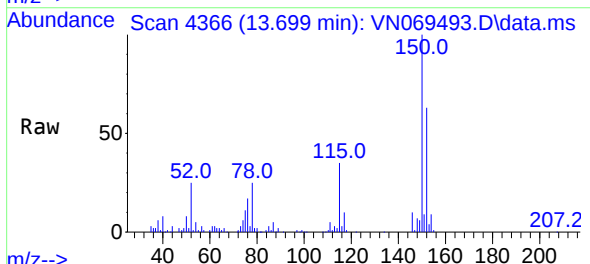
Tgt Ion:146 Resp: 1346
Ion Ratio Lower Upper
146 100
111 40.5 18.6 55.6
148 60.2 31.6 95.0

Manual Integrations
APPROVED

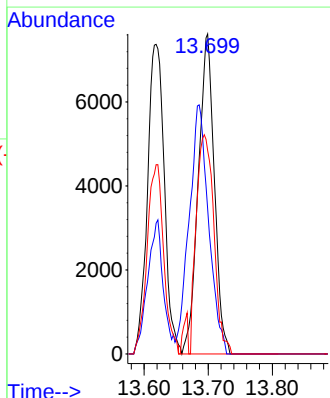
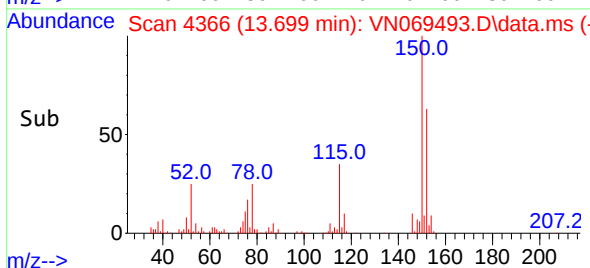
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

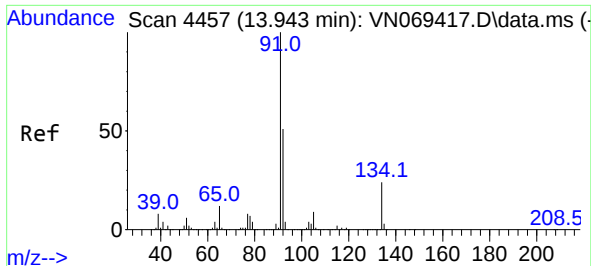


#88
1,4-Dichlorobenzene
Concen: 0.906 ug/l m
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07



Tgt Ion:146 Resp: 13224
Ion Ratio Lower Upper
146 100
111 41.2 18.3 54.8
148 61.3 31.8 95.4





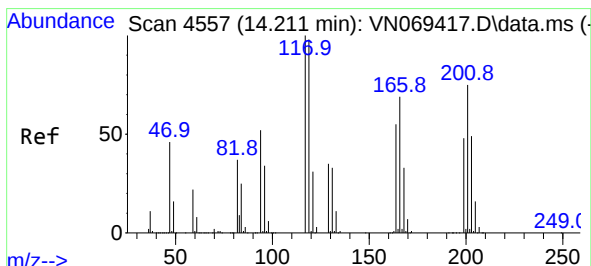
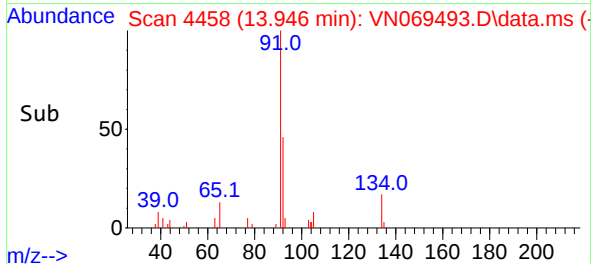
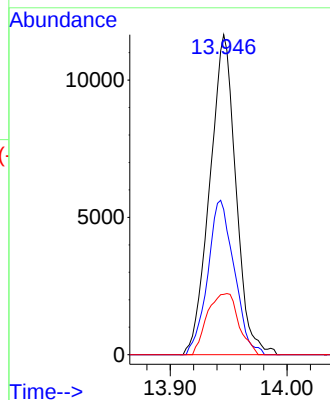
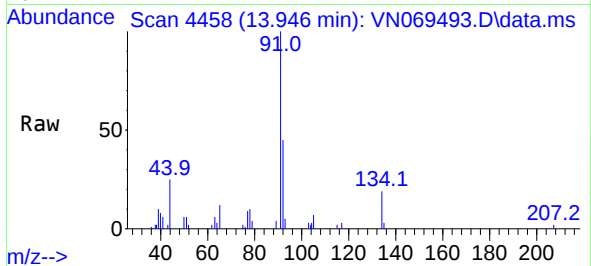
#89
n-Butylbenzene
Concen: 0.734 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

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

Tgt Ion: 91 Resp: 1805
Ion Ratio Lower Upper
91 100
92 49.2 25.4 76.0
134 22.9 13.6 40.8

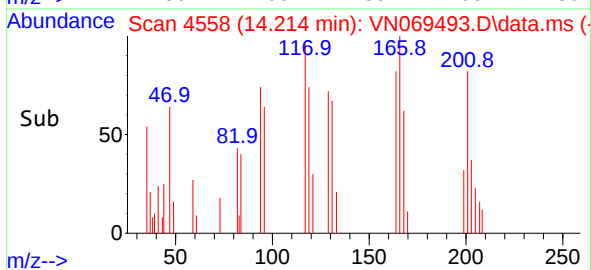
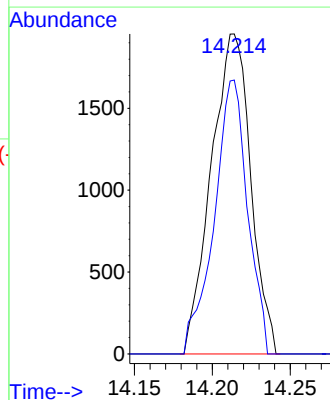
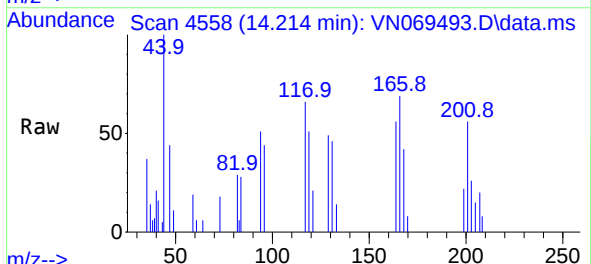
Manual Integrations
APPROVED

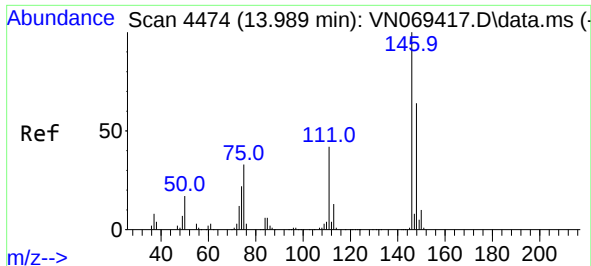
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 0.713 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

Tgt Ion:117 Resp: 3447
Ion Ratio Lower Upper
117 100
201 72.4 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 0.959 ug/l

RT: 13.991 min Scan# 4475

Delta R.T. 0.002 min

Lab File: VN069493.D

Acq: 15 Nov 2021 16:07

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

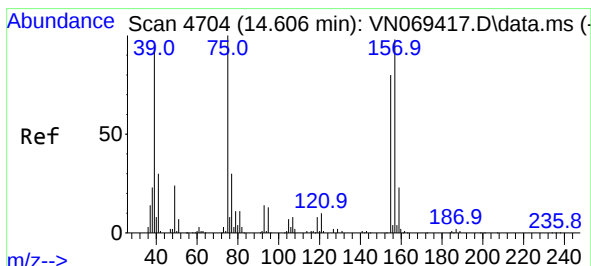
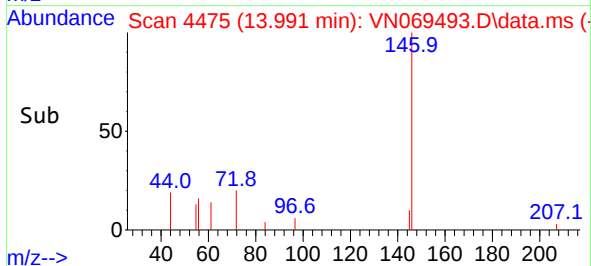
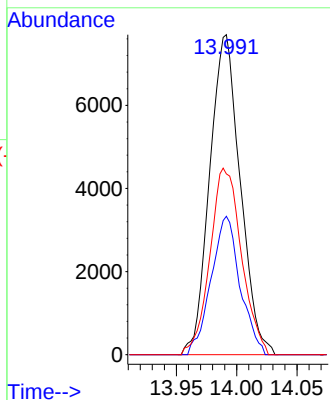
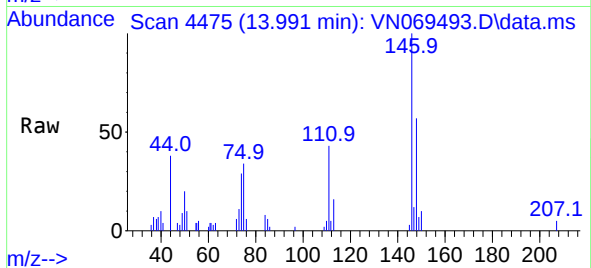
Tgt Ion:	146	Resp:	1357
Ion Ratio	Lower	Upper	
146	100		
111	41.1	19.1	57.3
148	60.2	32.1	96.3

Manual Integrations

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Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.866 ug/l

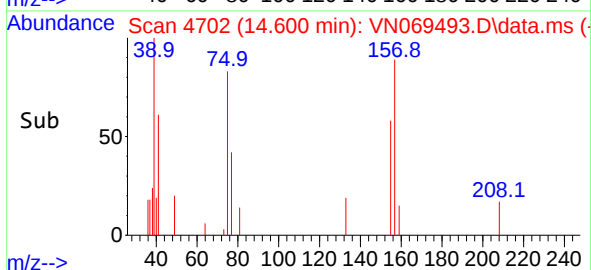
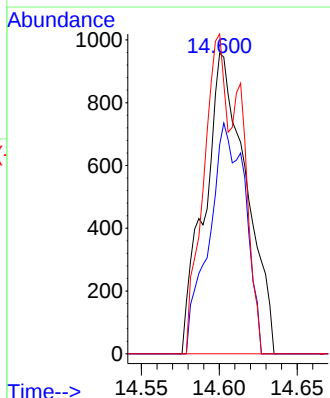
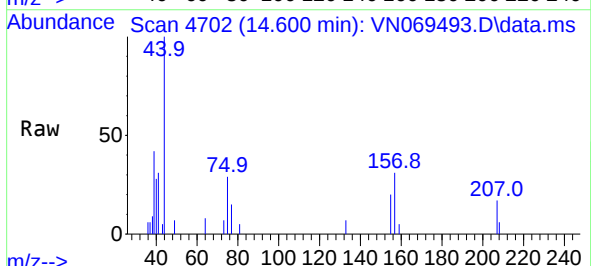
RT: 14.600 min Scan# 4702

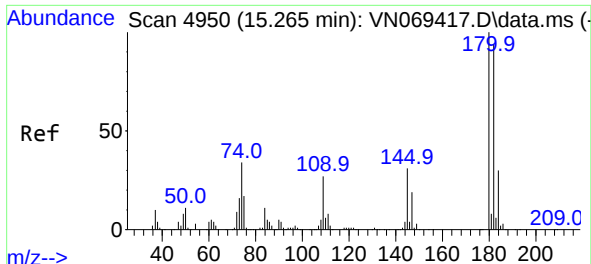
Delta R.T. -0.006 min

Lab File: VN069493.D

Acq: 15 Nov 2021 16:07

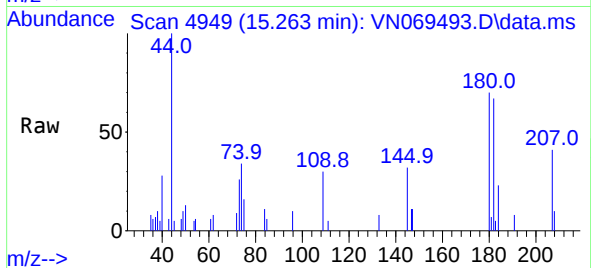
Tgt Ion:	75	Resp:	1770
Ion Ratio	Lower	Upper	
75	100		
155	67.3	46.9	140.7
157	60.0	60.6	181.7





#93
1,2,4-Trichlorobenzene
Concen: 0.700 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

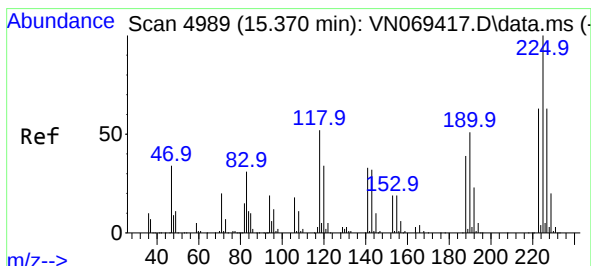
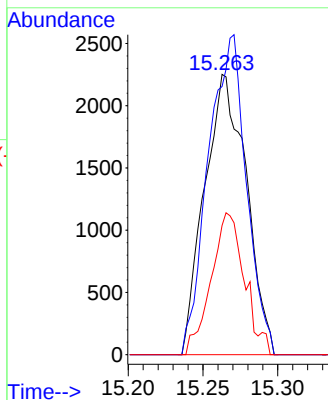
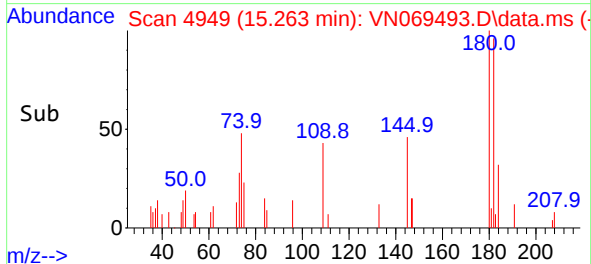
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



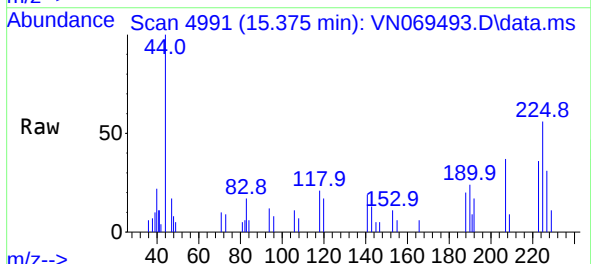
Tgt Ion:180 Resp: 4360
Ion Ratio Lower Upper
180 100
182 104.2 48.3 144.9
145 40.6 14.5 43.5

Manual Integrations
APPROVED

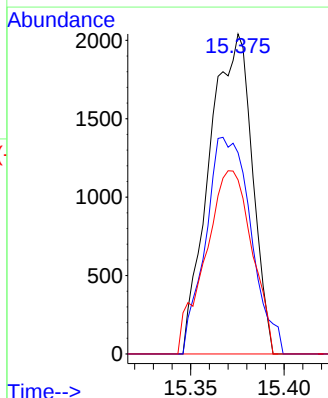
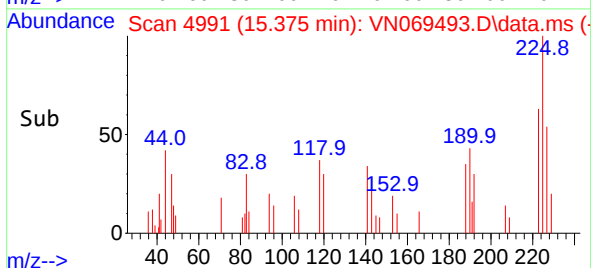
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

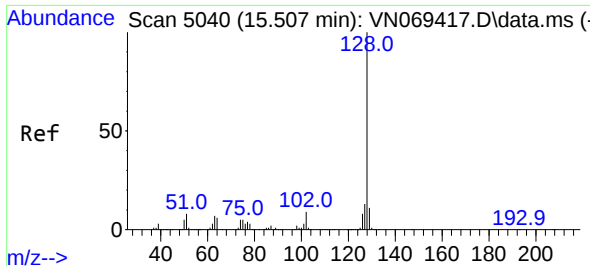


#94
Hexachlorobutadiene
Concen: 0.885 ug/l
RT: 15.375 min Scan# 4991
Delta R.T. 0.005 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07



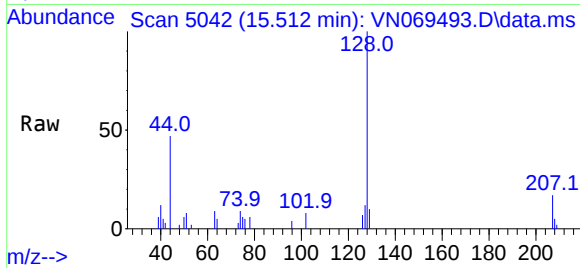
Tgt Ion:225 Resp: 3257
Ion Ratio Lower Upper
225 100
223 71.5 31.9 95.7
227 62.1 32.1 96.3





#95
Naphthalene
Concen: 0.829 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07

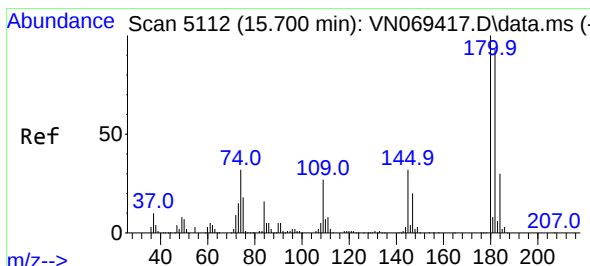
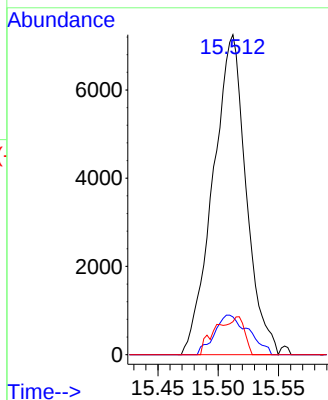
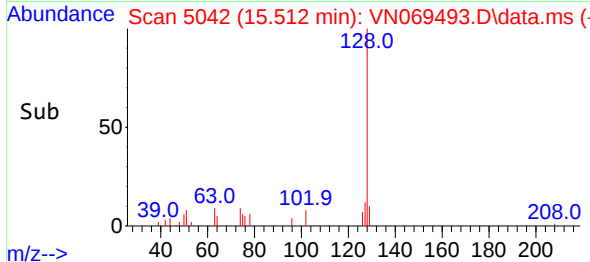
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



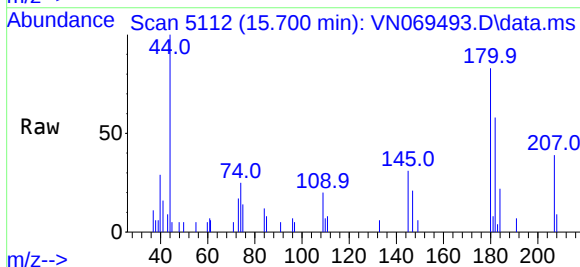
Tgt Ion:128 Resp: 1386
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 4.4 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 0.814 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069493.D
Acq: 15 Nov 2021 16:07



Tgt Ion:180 Resp: 4862
Ion Ratio Lower Upper
180 100
182 83.6 47.4 142.2
145 33.3 15.0 45.1

