

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111721\
 Data File : VN069534.D
 Acq On : 17 Nov 2021 17:02
 Operator : JC/MD
 Sample : M4068-08 1.0PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Nov 18 08:13:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 08:10:30 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1010931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1739666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1523139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	511419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	996527	67.985	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 135.980%			
35) Dibromofluoromethane	8.024	113	669706	64.186	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 128.380%			
50) Toluene-d8	10.443	98	2582797	62.940	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 125.880%			
62) 4-Bromofluorobenzene	12.733	95	793530	52.639	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	11373	1.053	ug/l	95
3) Chloromethane	2.303	50	17395	1.389	ug/l	95
4) Vinyl Chloride	2.448	62	15039	1.199	ug/l #	86
5) Bromomethane	2.866	94	11550	1.418	ug/l	96
6) Chloroethane	3.027	64	10357	1.223	ug/l	93
7) Trichlorofluoromethane	3.381	101	22072	1.139	ug/l	97
8) Diethyl Ether	3.824	74	6807	1.085	ug/l	53
9) 1,1,2-Trichlorotrifluo...	4.205	101	11297m	1.237	ug/l	
10) Methyl Iodide	4.422	142	13672	1.221	ug/l #	67
11) Tert butyl alcohol	5.382	59	15869m	6.008	ug/l	
12) 1,1-Dichloroethene	4.183	96	10833	1.322	ug/l	95
13) Acrolein	4.036	56	4070m	9.808	ug/l	
14) Allyl chloride	4.843	41	18459m	1.019	ug/l	
15) Acrylonitrile	5.562	53	45429m	6.716	ug/l	
16) Acetone	4.293	43	53689	6.789	ug/l	97
17) Carbon Disulfide	4.527	76	21283	1.099	ug/l	97
18) Methyl Acetate	4.865	43	35766	1.391	ug/l	95
19) Methyl tert-butyl Ether	5.626	73	39706	1.145	ug/l	99
20) Methylene Chloride	5.098	84	19124	1.705	ug/l #	89
21) trans-1,2-Dichloroethene	5.599	96	11042m	1.207	ug/l	
22) Diisopropyl ether	6.506	45	42679	1.094	ug/l #	89
23) Vinyl Acetate	6.442	43	159869	5.297	ug/l #	94
24) 1,1-Dichloroethane	6.391	63	24202	1.218	ug/l	99
25) 2-Butanone	7.351	43	66167	6.179	ug/l	92
26) 2,2-Dichloropropane	7.332	77	18320	1.178	ug/l #	64
27) cis-1,2-Dichloroethene	7.335	96	14268m	1.258	ug/l	
28) Bromochloromethane	7.659	49	12275	1.206	ug/l #	79
29) Tetrahydrofuran	7.694	42	41505	6.316	ug/l	89
30) Chloroform	7.820	83	25582	1.255	ug/l	89
31) Cyclohexane	8.091	56	48438	2.419	ug/l #	72
32) 1,1,1-Trichloroethane	8.013	97	18802	1.105	ug/l #	48
36) 1,1-Dichloropropene	8.225	75	17664	1.207	ug/l	83
37) Ethyl Acetate	7.420	43	28481m	1.439	ug/l	
38) Carbon Tetrachloride	8.204	117	14980	1.060	ug/l	97
39) Methylcyclohexane	9.464	83	20579	1.130	ug/l	92
40) Benzene	8.464	78	55155	1.221	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111721\
 Data File : VN069534.D
 Acq On : 17 Nov 2021 17:02
 Operator : JC/MD
 Sample : M4068-08 1.0PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Nov 18 08:13:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 08:10:30 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.648	41	13262	1.297	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	25770	1.457	ug/l	93
43) Isopropyl Acetate	8.563	43	35912	1.130	ug/l #	90
44) Trichloroethene	9.212	130	13653	1.263	ug/l	100
45) 1,2-Dichloropropane	9.488	63	14196	1.176	ug/l	91
46) Dibromomethane	9.579	93	9132	1.129	ug/l	92
47) Bromodichloromethane	9.762	83	16619	1.101	ug/l	98
48) Methyl methacrylate	9.566	41	16429	1.099	ug/l	92
49) 1,4-Dioxane	9.571	88	6494	24.350	ug/l #	88
51) 4-Methyl-2-Pentanone	10.333	43	121383	5.917	ug/l	95
52) Toluene	10.507	92	32987	1.172	ug/l	94
53) t-1,3-Dichloropropene	10.719	75	14392	0.913	ug/l	94
54) cis-1,3-Dichloropropene	10.191	75	16728	0.972	ug/l	94
55) 1,1,2-Trichloroethane	10.902	97	13665	1.204	ug/l	95
56) Ethyl methacrylate	10.762	69	19504	1.038	ug/l #	80
57) 1,3-Dichloropropane	11.046	76	23180	1.163	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	21219	4.874	ug/l	96
59) 2-Hexanone	11.087	43	95204	6.227	ug/l	89
60) Dibromochloromethane	11.240	129	9950	0.937	ug/l	93
61) 1,2-Dibromoethane	11.347	107	12529	1.090	ug/l	93
64) Tetrachloroethene	10.979	164	12791	1.391	ug/l	92
65) Chlorobenzene	11.771	112	36543	1.289	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.846	131	10608	1.079	ug/l #	67
67) Ethyl Benzene	11.846	91	60772	1.162	ug/l	89
68) m/p-Xylenes	11.956	106	41914	2.180	ug/l	92
69) o-Xylene	12.283	106	21265	1.109	ug/l	97
70) Styrene	12.294	104	30823	1.001	ug/l	94
71) Bromoform	12.463	173	5952	0.848	ug/l #	96
73) Isopropylbenzene	12.581	105	51692	1.269	ug/l	98
74) N-amyl acetate	12.393	43	23672	1.372	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	22846	1.664	ug/l	92
76) 1,2,3-Trichloropropane	12.881	75	16658m	1.411	ug/l	
77) Bromobenzene	12.865	156	13723	1.474	ug/l	81
78) n-propylbenzene	12.921	91	61004	1.331	ug/l	94
79) 2-Chlorotoluene	13.007	91	39913	1.407	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	41400	1.258	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.629	75	2777m	0.790	ug/l	
82) 4-Chlorotoluene	13.109	91	37464	1.385	ug/l	92
83) tert-Butylbenzene	13.323	119	38643	1.340	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	41088	1.293	ug/l	97
85) sec-Butylbenzene	13.503	105	48825	1.212	ug/l	100
86) p-Isopropyltoluene	13.618	119	38387	1.200	ug/l	98
87) 1,3-Dichlorobenzene	13.618	146	23367	1.447	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	24960m	1.576	ug/l	
89) n-Butylbenzene	13.946	91	35577	1.334	ug/l	98
90) Hexachloroethane	14.211	117	5616	1.071	ug/l	81
91) 1,2-Dichlorobenzene	13.991	146	24917	1.622	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.605	75	3581	1.614	ug/l	71
93) 1,2,4-Trichlorobenzene	15.268	180	13345	1.971	ug/l	97
94) Hexachlorobutadiene	15.370	225	5669	1.420	ug/l	86
95) Naphthalene	15.509	128	44572	2.456	ug/l	97
96) 1,2,3-Trichlorobenzene	15.702	180	15313	2.362	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111721\
Data File : VN069534.D
Acq On : 17 Nov 2021 17:02
Operator : JC/MD
Sample : M4068-08 1.0PPB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
APPROVED

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

Quant Time: Nov 18 08:13:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 18 08:10:30 2021
Response via : Initial Calibration

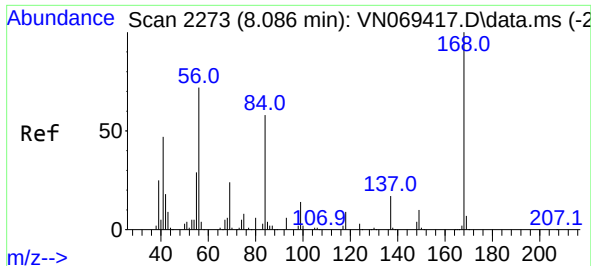
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

Manual Integrations

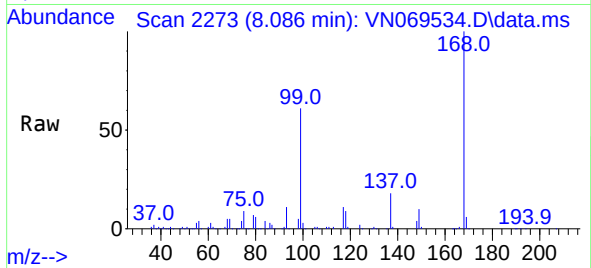
Quant Time: Nov 18 08:13:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 18 08:10:30 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

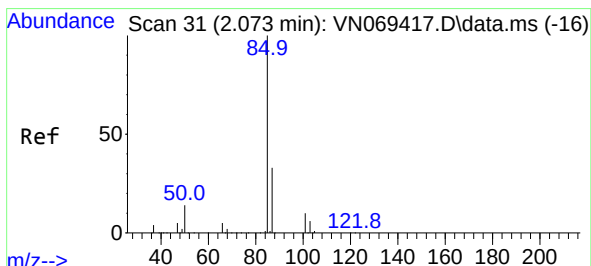
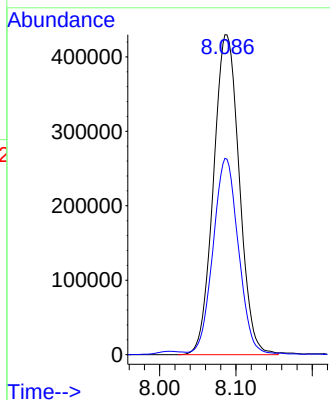
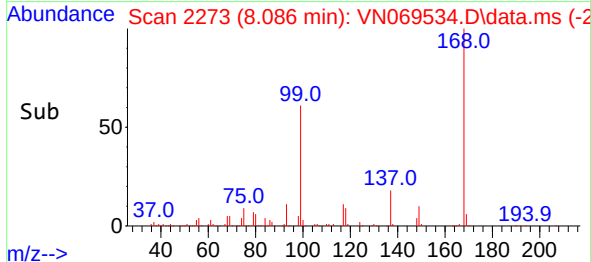
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:168 Resp: 101093
Ion Ratio Lower Upper
168 100
99 60.9 41.3 61.9

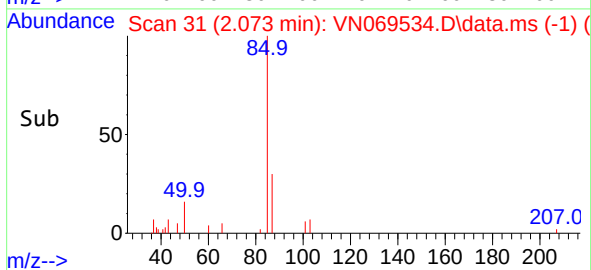
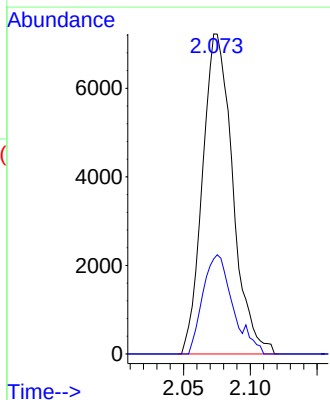
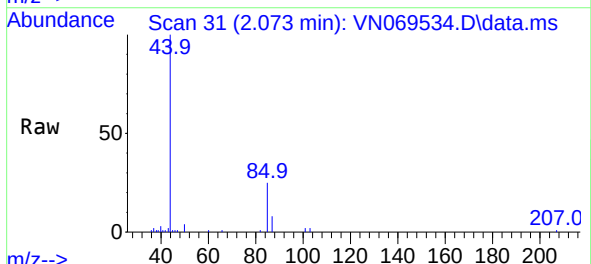
Manual Integrations
APPROVED

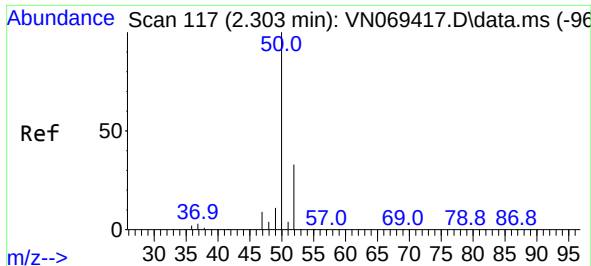
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#2
Dichlorodifluoromethane
Concen: 1.053 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

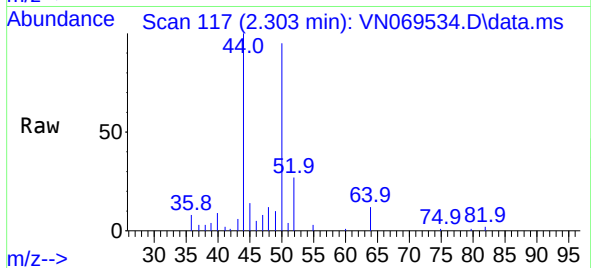
Tgt Ion: 85 Resp: 11373
Ion Ratio Lower Upper
85 100
87 29.7 16.3 48.9





#3
Chloromethane
Concen: 1.389 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

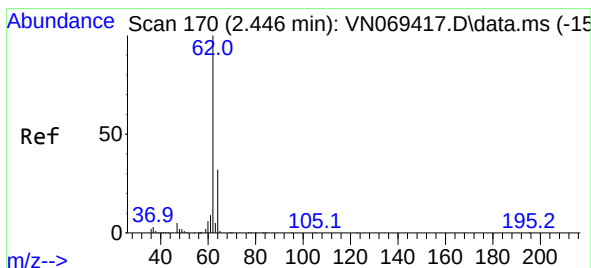
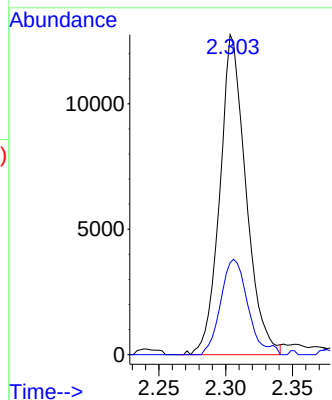
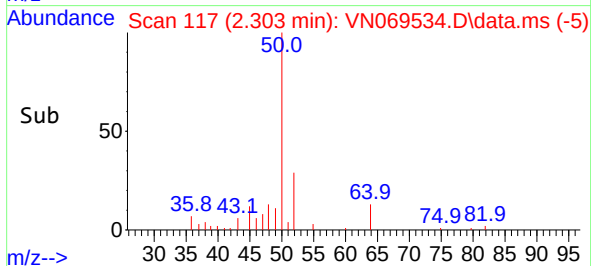
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2021



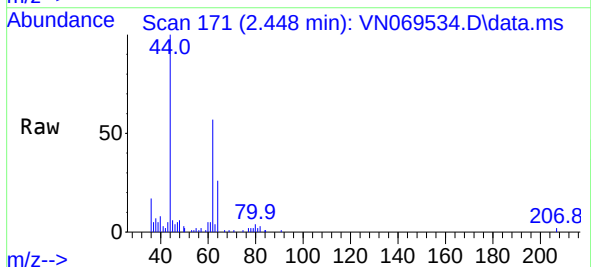
Tgt Ion: 50 Resp: 1739
Ion Ratio Lower Upper
50 100
52 28.8 25.4 38.0

Manual Integrations
APPROVED

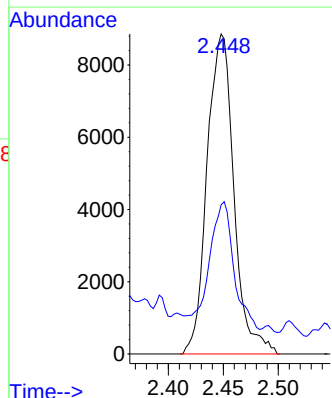
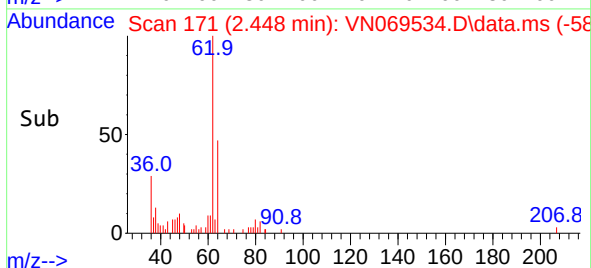
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

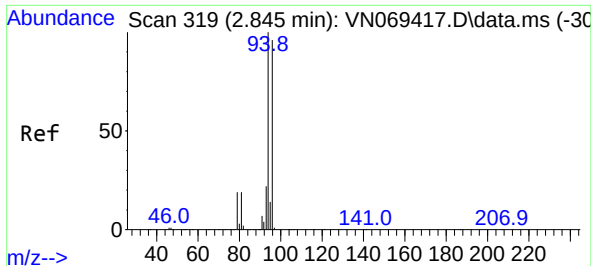


#4
Vinyl Chloride
Concen: 1.199 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02



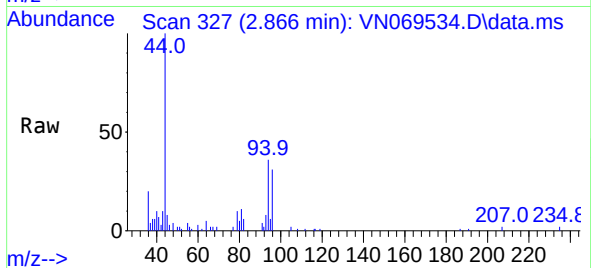
Tgt Ion: 62 Resp: 15039
Ion Ratio Lower Upper
62 100
64 39.8 25.8 38.6





#5
Bromomethane
Concen: 1.418 ug/l
RT: 2.866 min Scan# 319
Delta R.T. 0.021 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

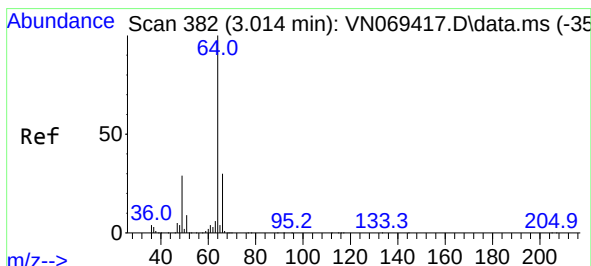
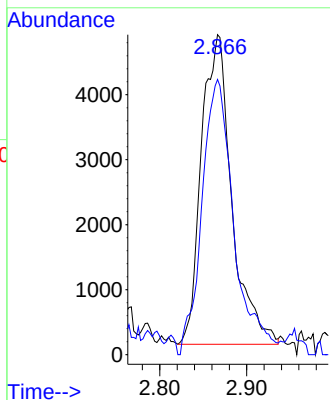
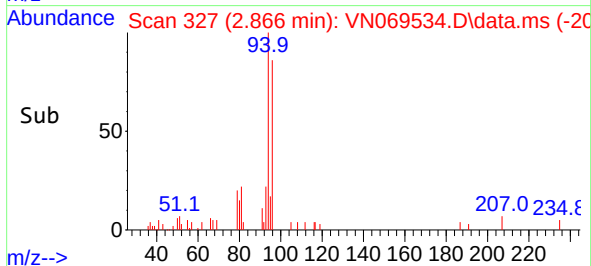
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 94 Resp: 11550
Ion Ratio Lower Upper
94 100
96 88.9 73.8 110.8

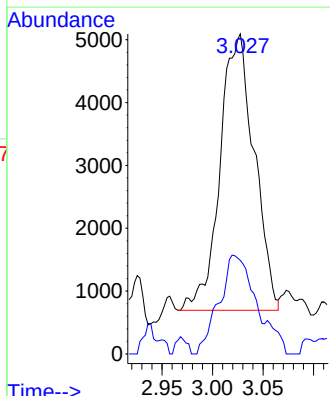
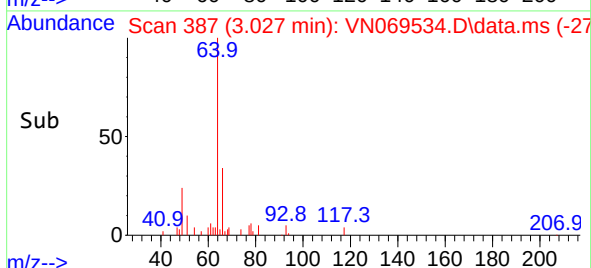
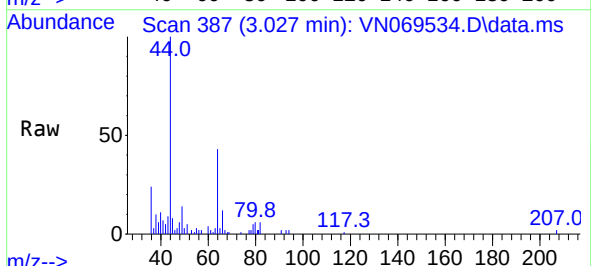
Manual Integrations
APPROVED

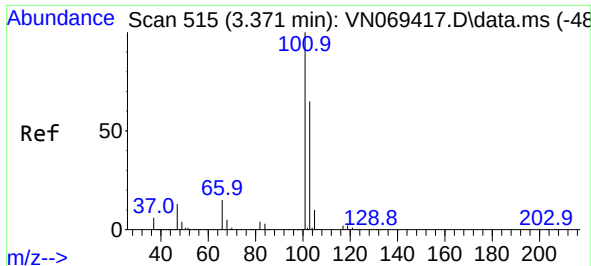
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#6
Chloroethane
Concen: 1.223 ug/l
RT: 3.027 min Scan# 387
Delta R.T. 0.013 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

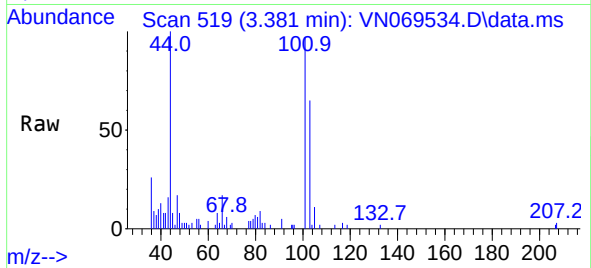
Tgt Ion: 64 Resp: 10357
Ion Ratio Lower Upper
64 100
66 28.9 26.3 39.5





#7
Trichlorofluoromethane
Concen: 1.139 ug/l
RT: 3.381 min Scan# 515
Delta R.T. 0.010 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

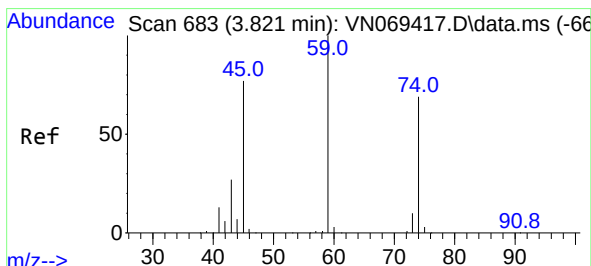
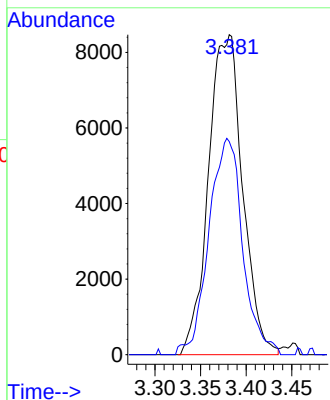
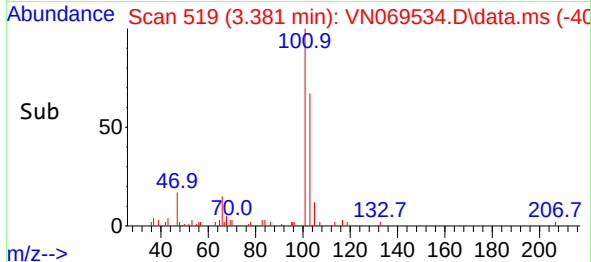
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



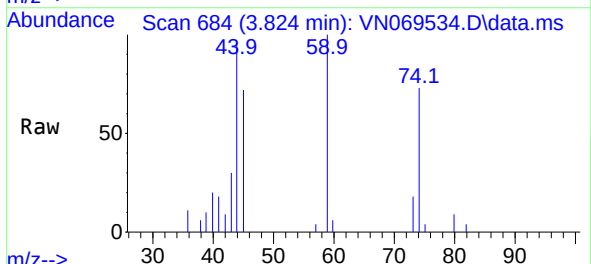
Tgt Ion:101 Resp: 2207
Ion Ratio Lower Upper
101 100
103 64.7 50.1 75.1

Manual Integrations
APPROVED

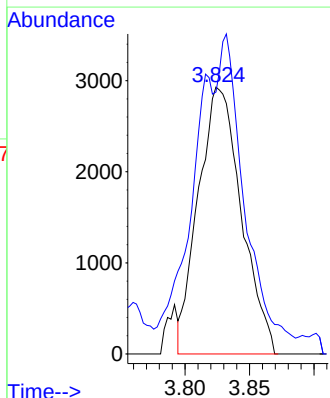
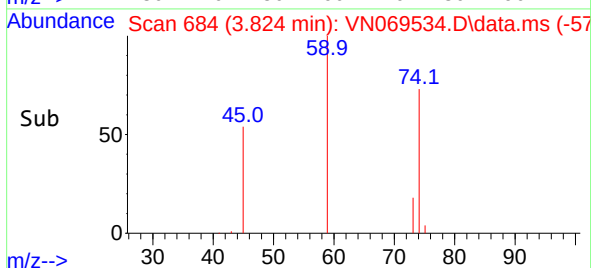
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

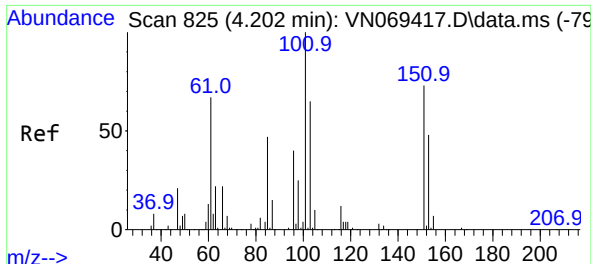


#8
Diethyl Ether
Concen: 1.085 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02



Tgt Ion: 74 Resp: 6807
Ion Ratio Lower Upper
74 100
45 48.8 47.0 141.2





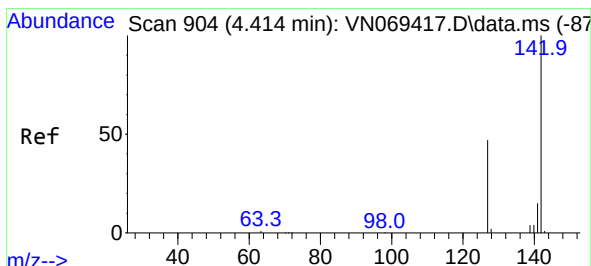
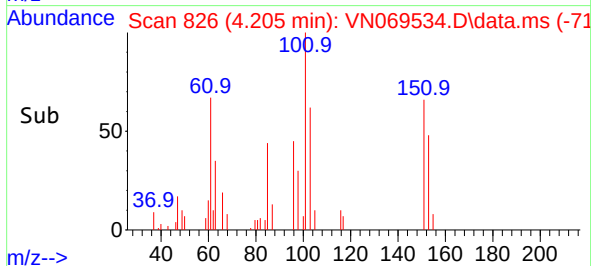
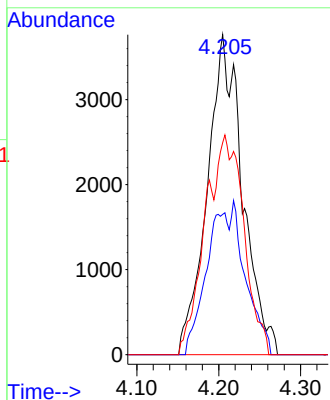
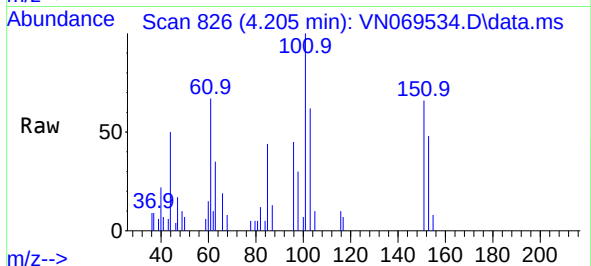
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.237 ug/l m
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

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

Tgt Ion:101 Resp: 1129
Ion Ratio Lower Upper
101 100
85 29.7 37.2 55.8
151 5.8 65.9 98.9

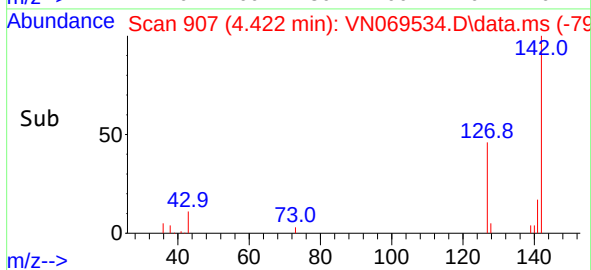
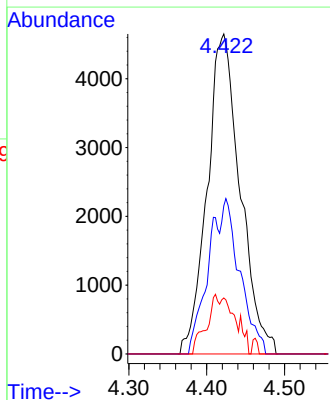
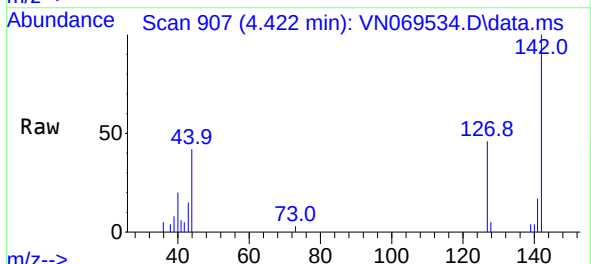
Manual Integrations
APPROVED

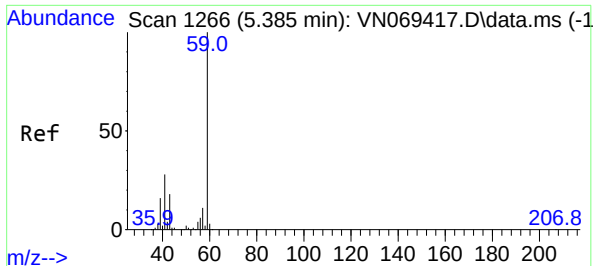
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 1.221 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

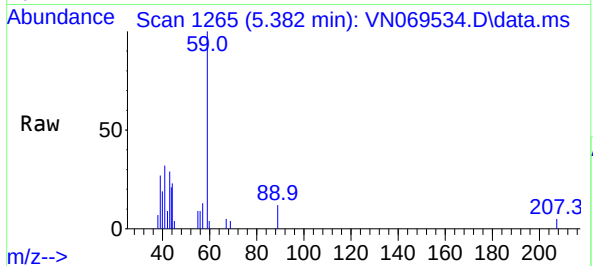
Tgt Ion:142 Resp: 13672
Ion Ratio Lower Upper
142 100
127 19.1 35.4 53.0#
141 7.5 11.6 17.4#





#11
Tert butyl alcohol
Concen: 6.008 ug/l m
RT: 5.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

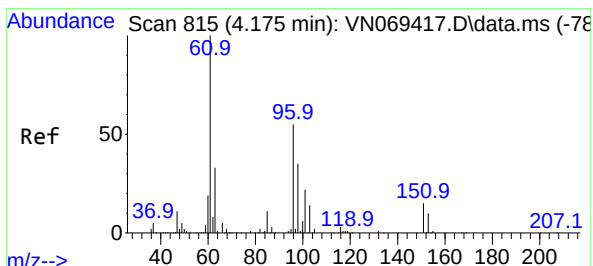
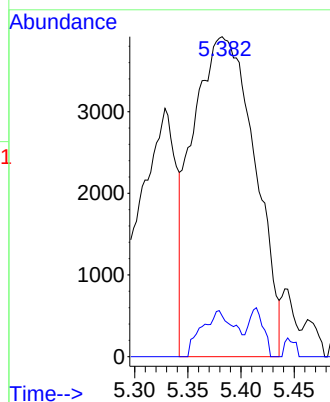
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 59 Resp: 1586
Ion Ratio Lower Upper
59 100
57 7.4 8.7 13.1

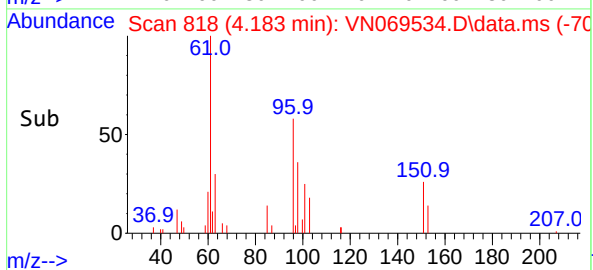
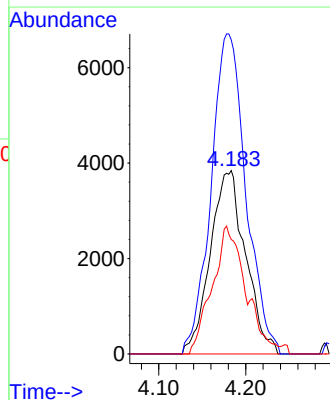
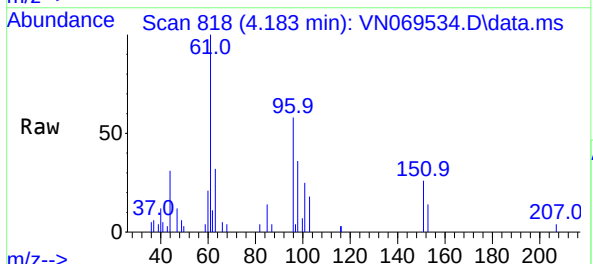
Manual Integrations
APPROVED

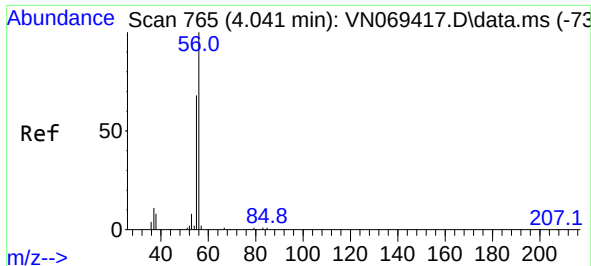
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#12
1,1-Dichloroethene
Concen: 1.322 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

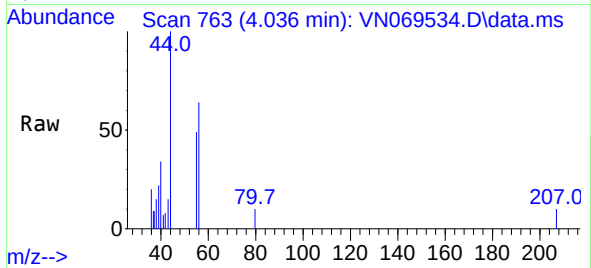
Tgt Ion: 96 Resp: 10833
Ion Ratio Lower Upper
96 100
61 171.3 131.0 196.6
98 62.3 52.4 78.6





#13
Acrolein
Concen: 9.808 ug/l m
RT: 4.036 min Scan# 763
Delta R.T. -0.005 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

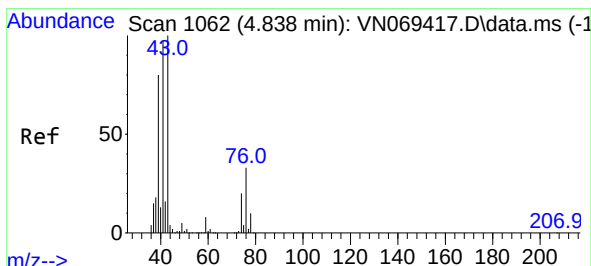
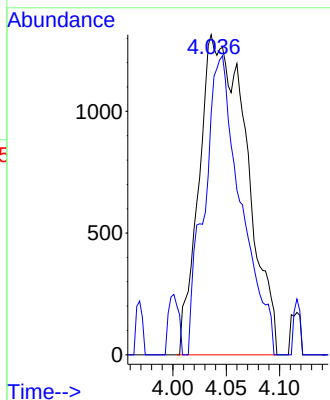
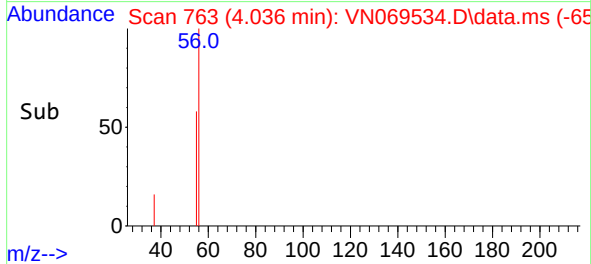
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



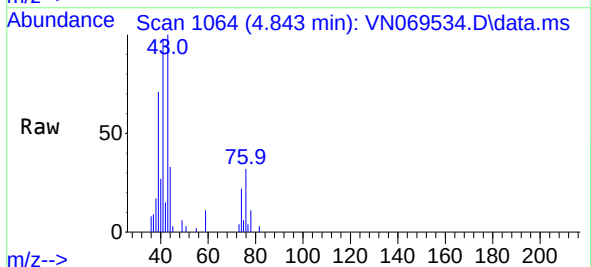
Tgt Ion: 56 Resp: 4070
Ion Ratio Lower Upper
56 100
55 71.7 56.6 85.0

Manual Integrations
APPROVED

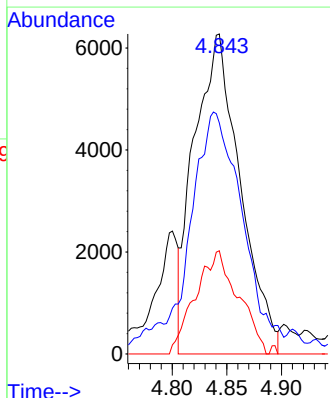
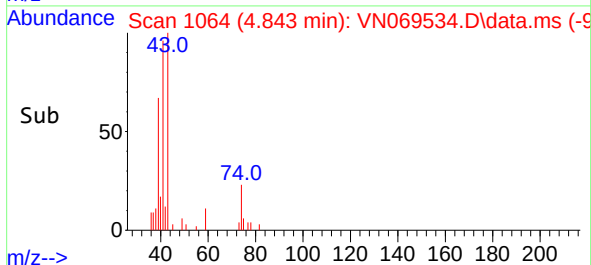
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

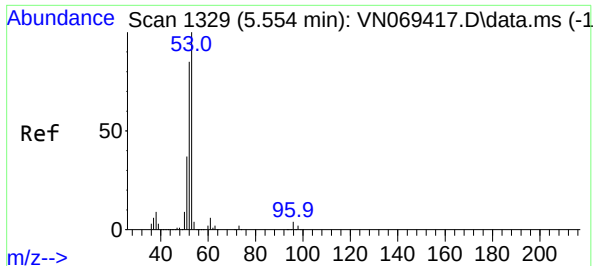


#14
Allyl chloride
Concen: 1.019 ug/l m
RT: 4.843 min Scan# 1064
Delta R.T. 0.005 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02



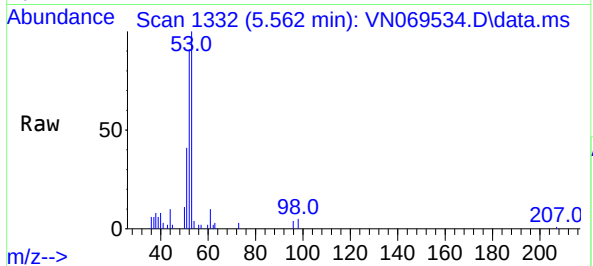
Tgt Ion: 41 Resp: 18459
Ion Ratio Lower Upper
41 100
39 88.3 61.2 91.8
76 29.9 26.0 39.0





#15
Acrylonitrile
Concen: 6.716 ug/l m
RT: 5.562 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

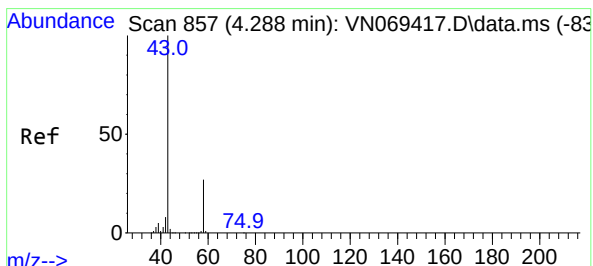
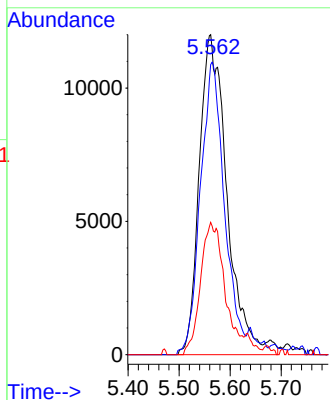
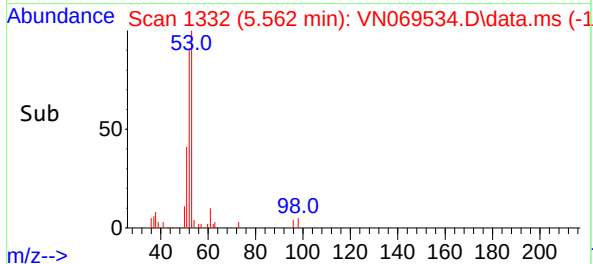
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 53 Resp: 45429
Ion Ratio Lower Upper
53 100
52 78.9 66.2 99.2
51 36.0 29.6 44.4

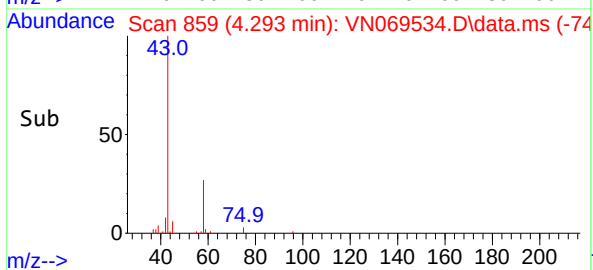
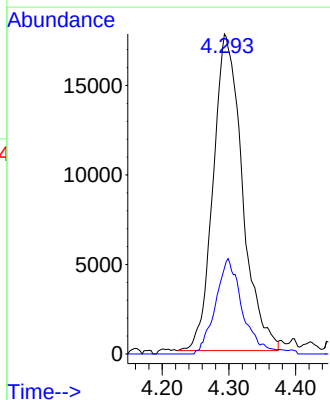
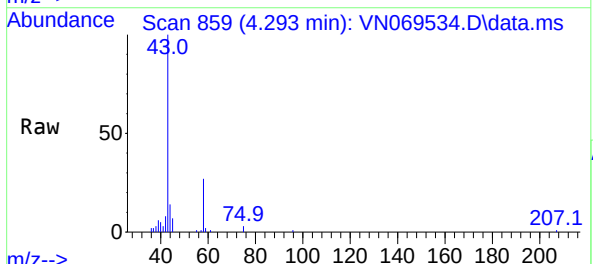
Manual Integrations
APPROVED

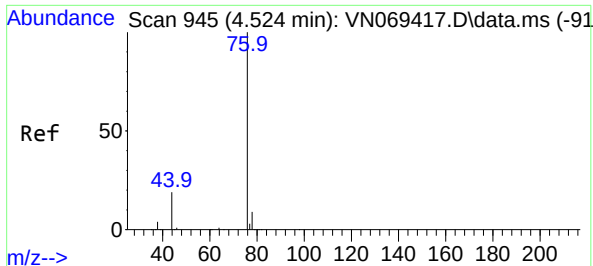
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 6.789 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

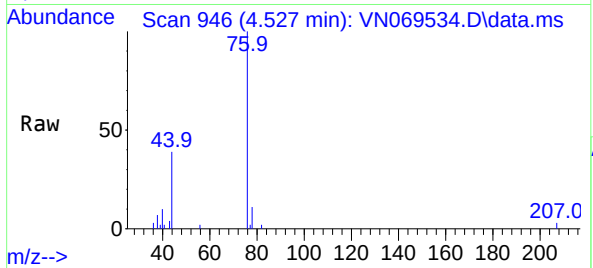
Tgt Ion: 43 Resp: 53689
Ion Ratio Lower Upper
43 100
58 27.1 23.1 34.7





#17
Carbon Disulfide
Concen: 1.099 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

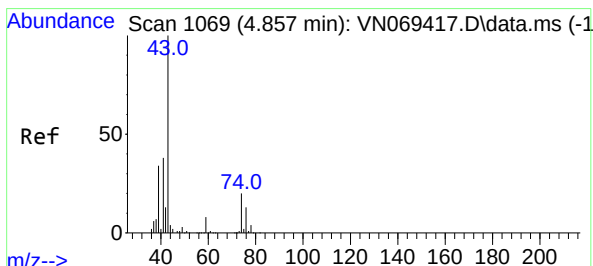
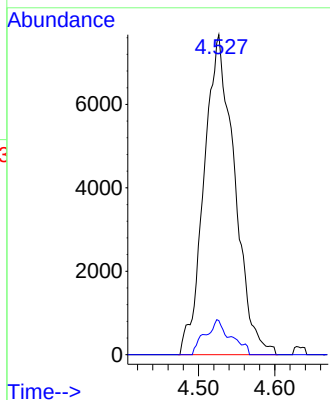
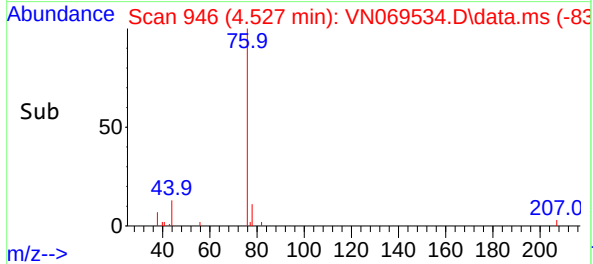
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



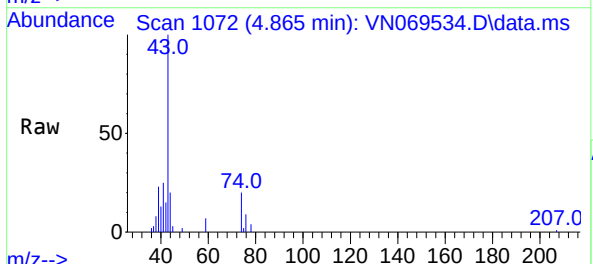
Tgt Ion: 76 Resp: 2128
Ion Ratio Lower Upper
76 100
78 10.6 7.5 11.3

Manual Integrations
APPROVED

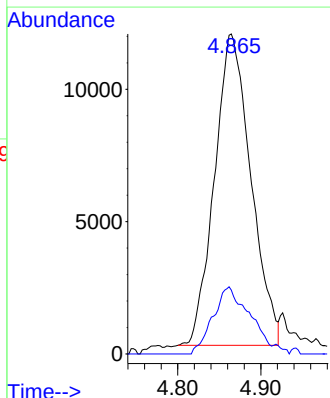
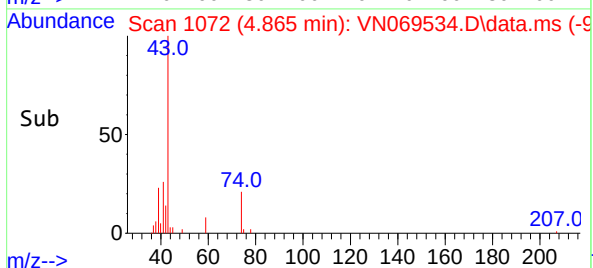
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

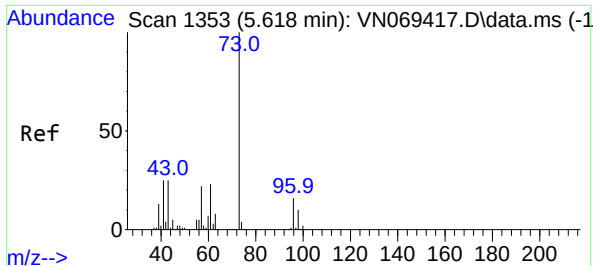


#18
Methyl Acetate
Concen: 1.391 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.008 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02



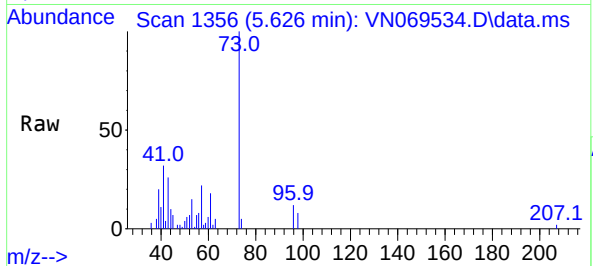
Tgt Ion: 43 Resp: 35766
Ion Ratio Lower Upper
43 100
74 21.6 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 1.145 ug/l
RT: 5.626 min Scan# 1159
Delta R.T. 0.008 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

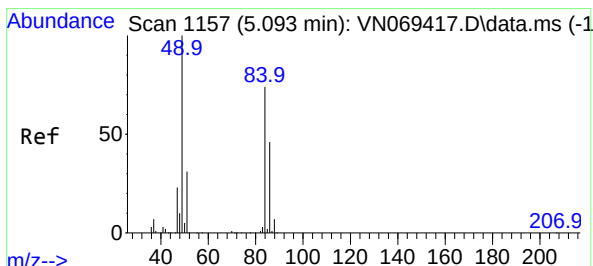
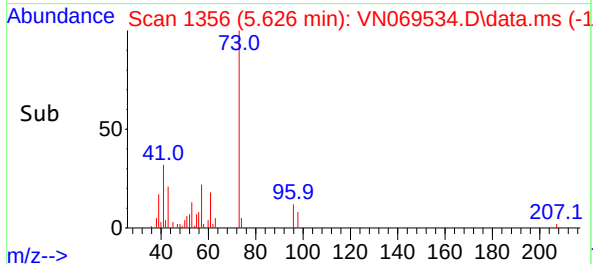
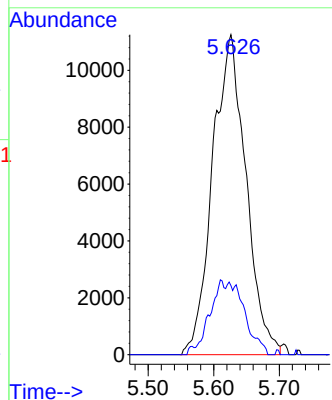
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 73 Resp: 39700
Ion Ratio Lower Upper
73 100
57 21.6 16.8 25.2

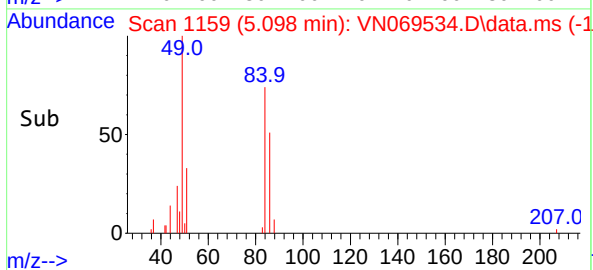
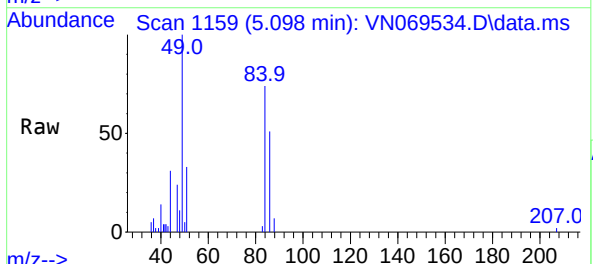
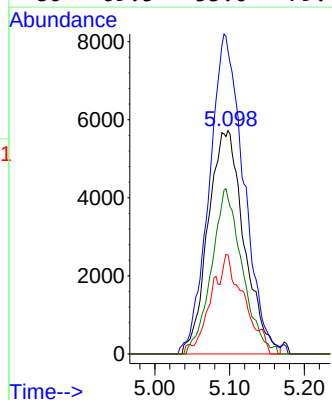
Manual Integrations
APPROVED

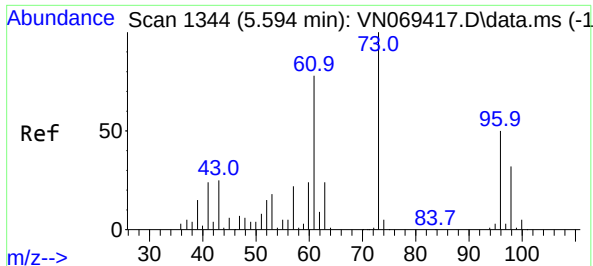
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#20
Methylene Chloride
Concen: 1.705 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

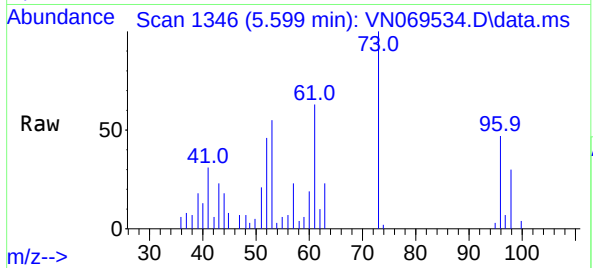
Tgt Ion: 84 Resp: 19124
Ion Ratio Lower Upper
84 100
49 132.7 93.5 140.3
51 44.2 29.4 44.2#
86 69.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 1.207 ug/l m
RT: 5.599 min Scan# 1104
Delta R.T. 0.005 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

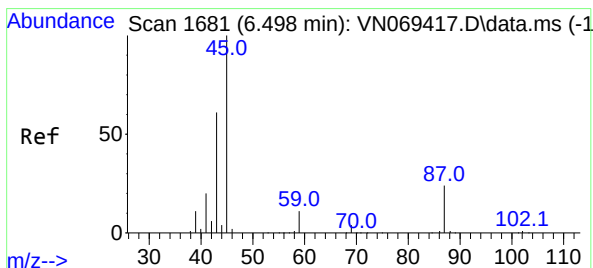
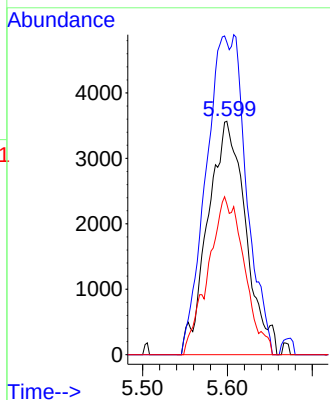
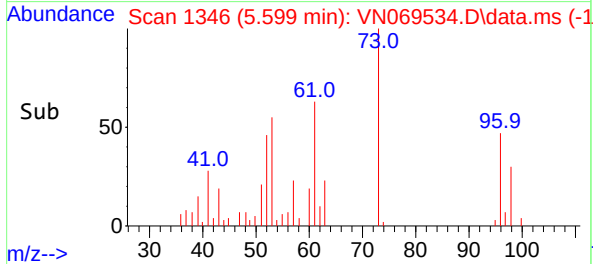
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2021



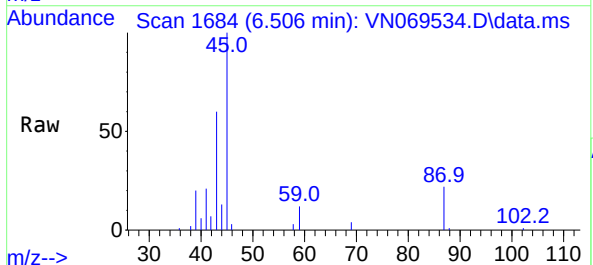
Tgt Ion: 96 Resp: 1104
Ion Ratio Lower Upper
96 100
61 133.8 105.8 158.6
98 64.5 52.0 78.0

Manual Integrations
APPROVED

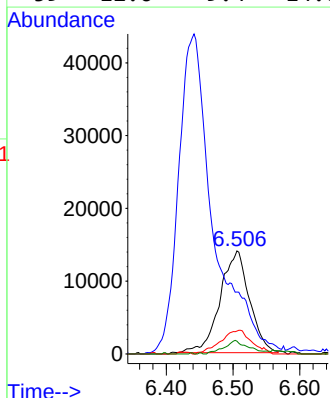
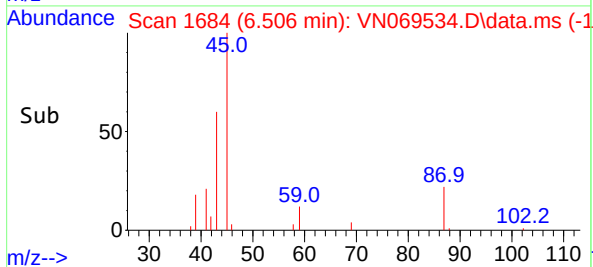
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

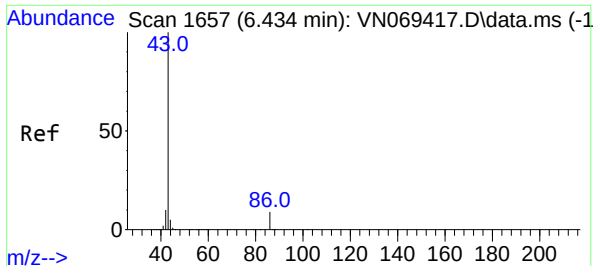


#22
Diisopropyl ether
Concen: 1.094 ug/l
RT: 6.506 min Scan# 1684
Delta R.T. 0.008 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02



Tgt Ion: 45 Resp: 42679
Ion Ratio Lower Upper
45 100
43 54.9 51.7 77.5
87 22.6 23.2 34.8#
59 12.6 9.4 14.0





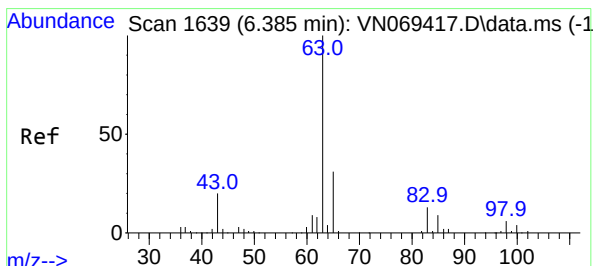
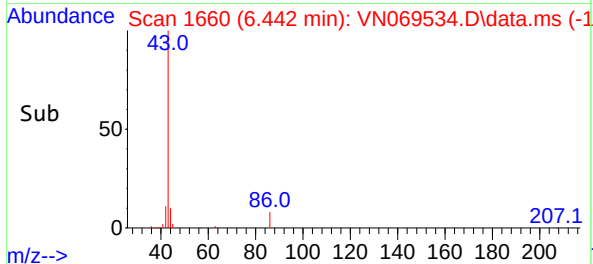
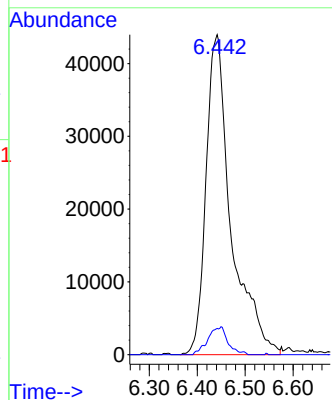
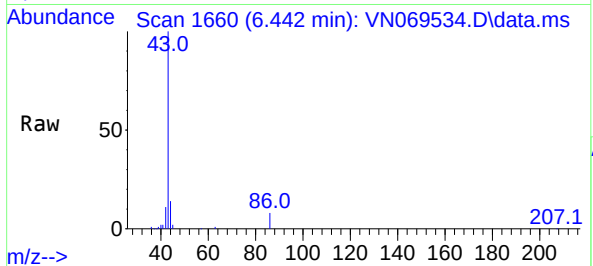
#23
 Vinyl Acetate
 Concen: 5.297 ug/l
 RT: 6.442 min Scan# 15986
 Delta R.T. 0.008 min
 Lab File: VN069534.D
 Acq: 17 Nov 2021 17:02

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

Tgt Ion: 43 Resp: 15986
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7

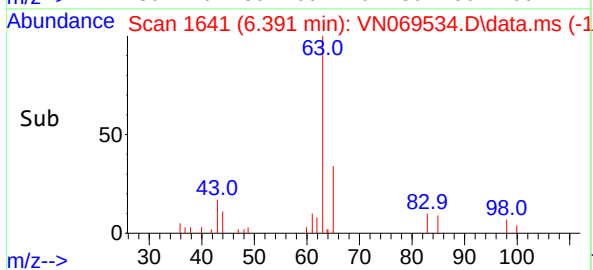
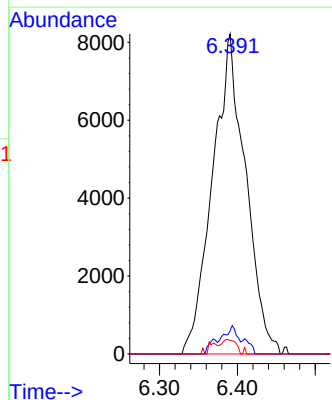
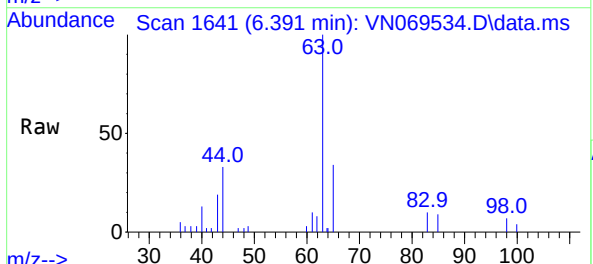
Manual Integrations
 APPROVED

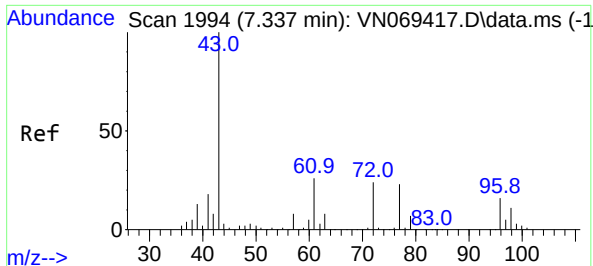
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#24
 1,1-Dichloroethane
 Concen: 1.218 ug/l
 RT: 6.391 min Scan# 1641
 Delta R.T. 0.006 min
 Lab File: VN069534.D
 Acq: 17 Nov 2021 17:02

Tgt Ion: 63 Resp: 24202
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 4.3 2.1 6.5





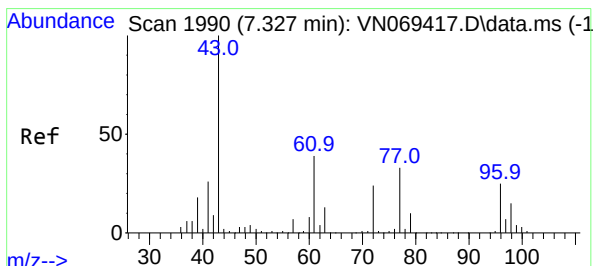
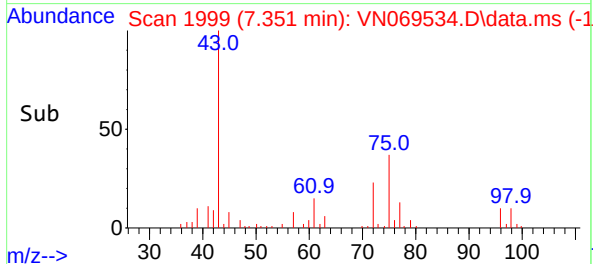
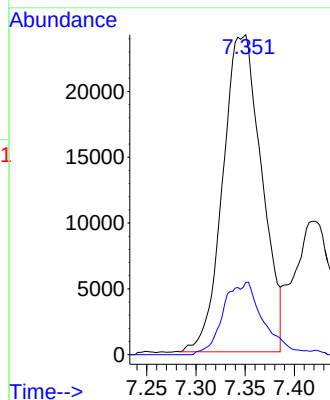
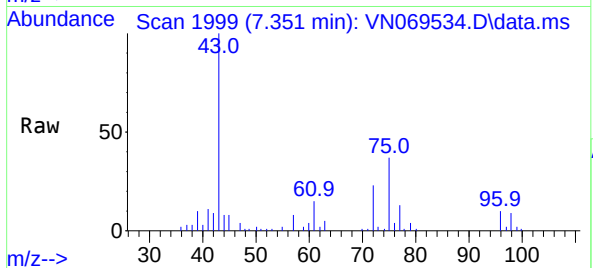
#25
2-Butanone
Concen: 6.179 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.014 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

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

Tgt Ion: 43 Resp: 6616
Ion Ratio Lower Upper
43 100
72 22.8 21.7 32.5

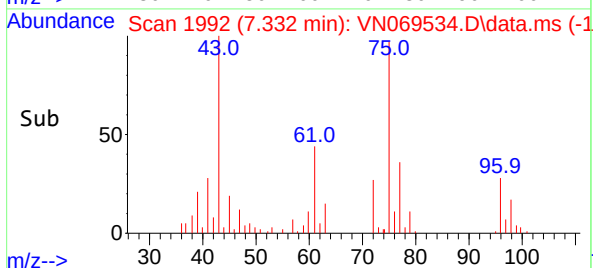
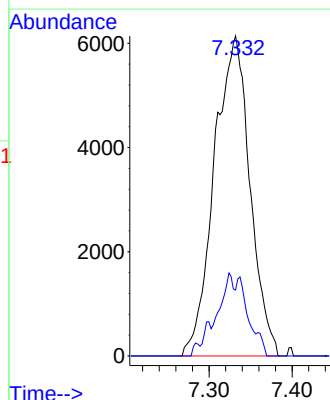
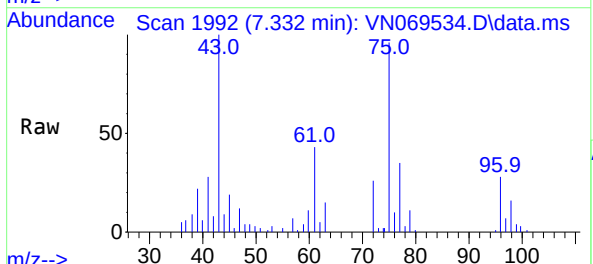
Manual Integrations
APPROVED

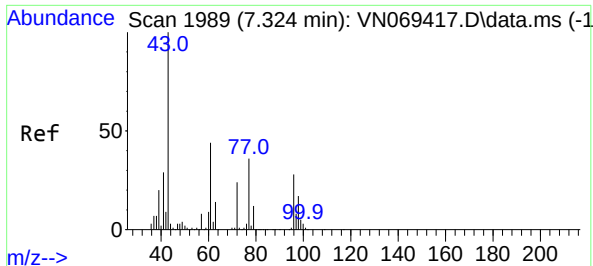
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#26
2,2-Dichloropropane
Concen: 1.178 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. 0.005 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

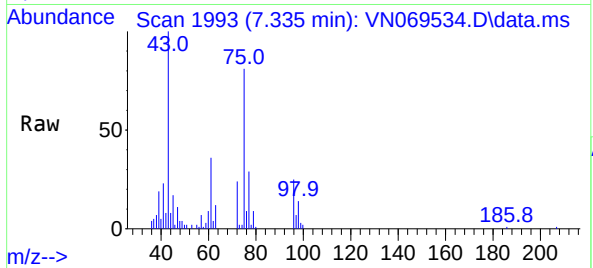
Tgt Ion: 77 Resp: 18320
Ion Ratio Lower Upper
77 100
97 5.8 11.6 34.8#





#27
cis-1,2-Dichloroethene
Concen: 1.258 ug/l m
RT: 7.335 min Scan# 1989
Delta R.T. 0.011 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

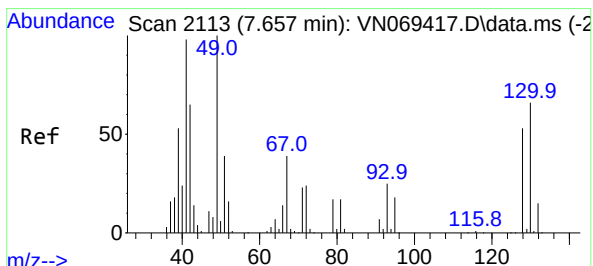
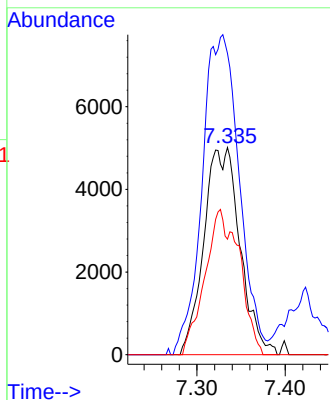
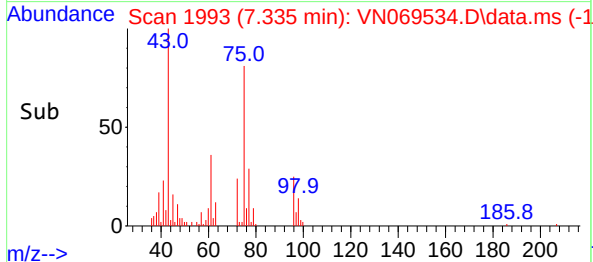
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 96 Resp: 14268
Ion Ratio Lower Upper
96 100
61 64.5 0.0 275.0
98 42.1 0.0 129.6

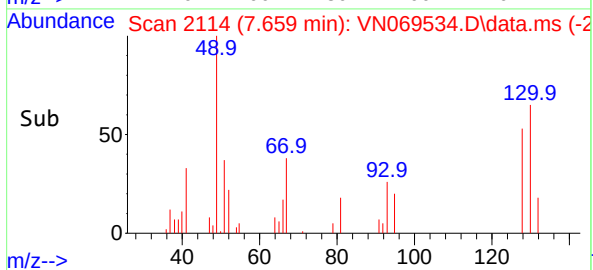
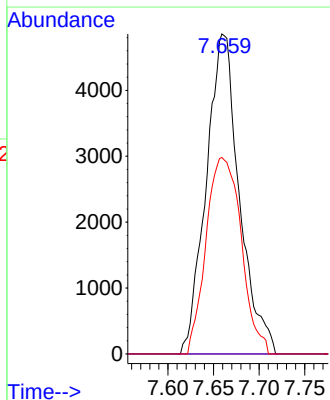
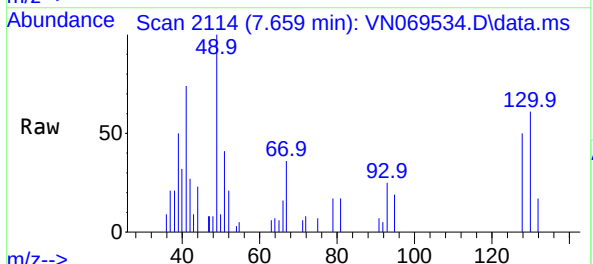
Manual Integrations
APPROVED

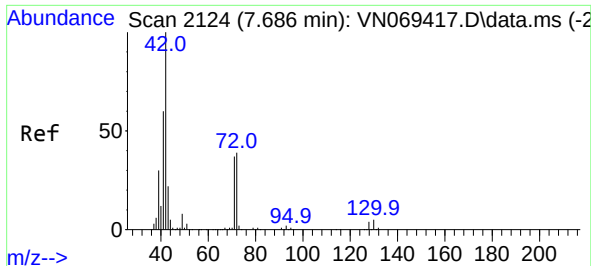
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#28
Bromochloromethane
Concen: 1.206 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

Tgt Ion: 49 Resp: 12275
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 65.1 67.8 101.8#





#29

Tetrahydrofuran

Concen: 6.316 ug/l

RT: 7.694 min Scan# 2124

Delta R.T. 0.008 min

Lab File: VN069534.D

Acq: 17 Nov 2021 17:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 42 Resp: 4150

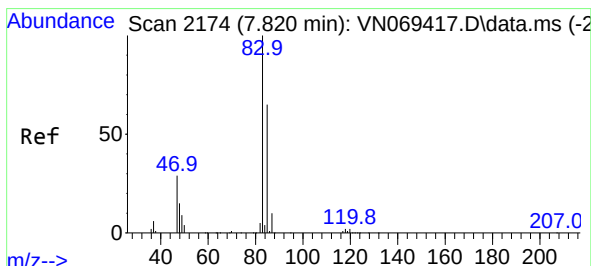
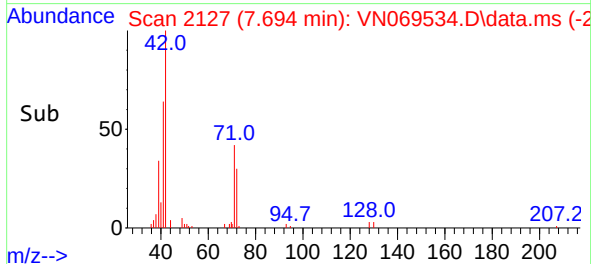
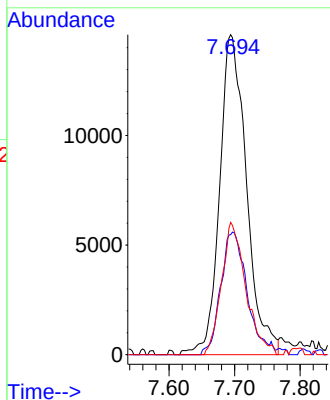
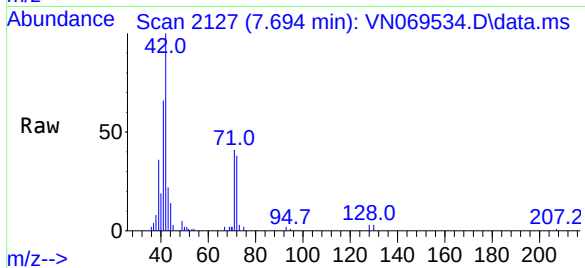
Ion	Ratio	Lower	Upper
42	100		
72	37.7	36.3	54.5
71	37.4	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#30

Chloroform

Concen: 1.255 ug/l

RT: 7.820 min Scan# 2174

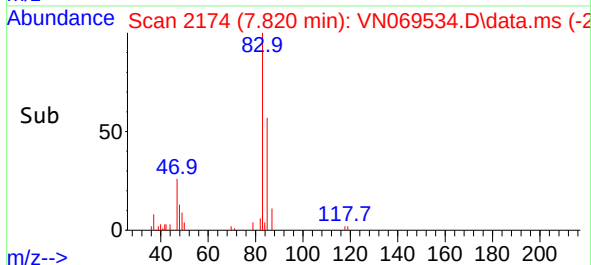
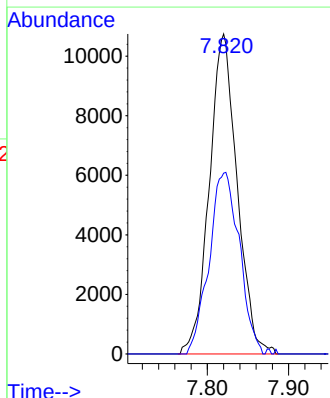
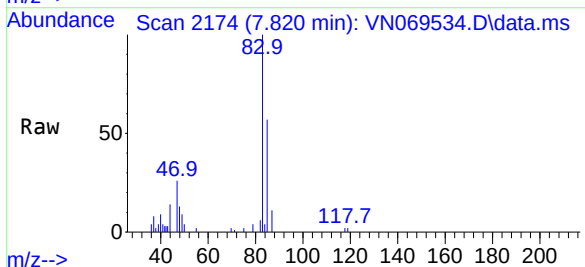
Delta R.T. 0.000 min

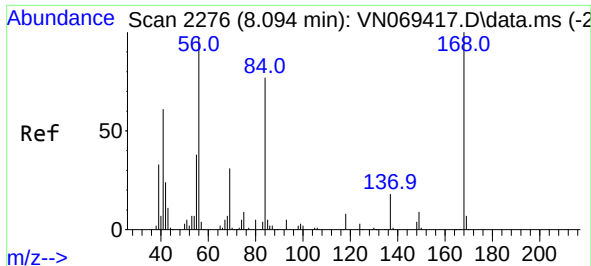
Lab File: VN069534.D

Acq: 17 Nov 2021 17:02

Tgt Ion: 83 Resp: 25582

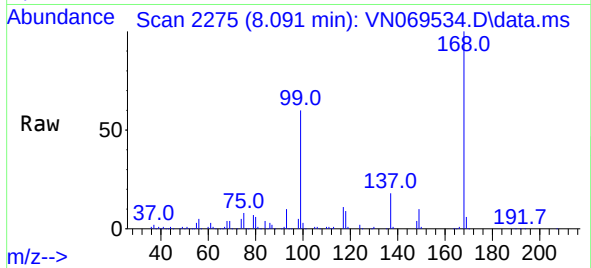
Ion	Ratio	Lower	Upper
83	100		
85	56.5	51.9	77.9





#31
Cyclohexane
Concen: 2.419 ug/l
RT: 8.091 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

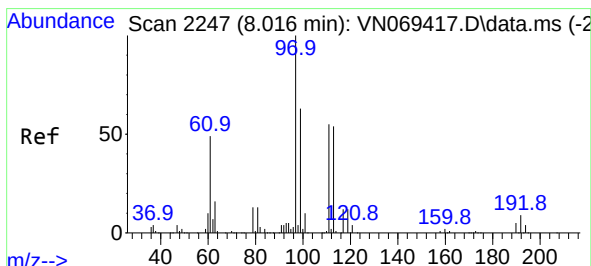
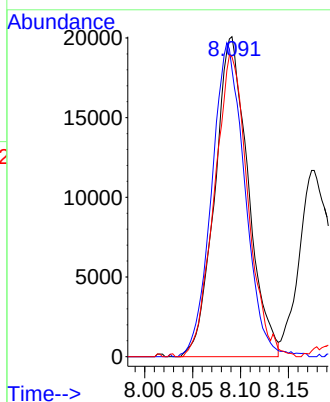
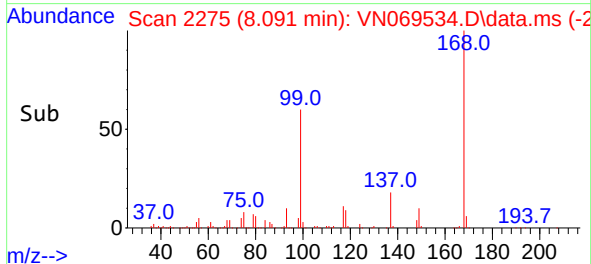
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



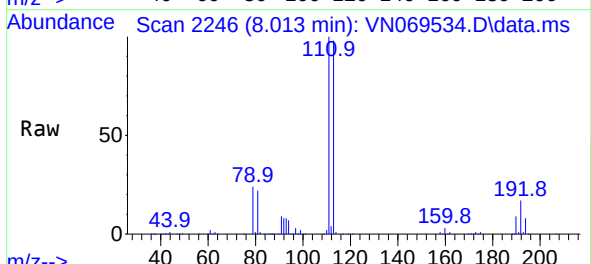
Tgt Ion: 56 Resp: 48438
Ion Ratio Lower Upper
56 100
69 89.8 27.1 40.7
84 93.7 73.4 110.0

Manual Integrations
APPROVED

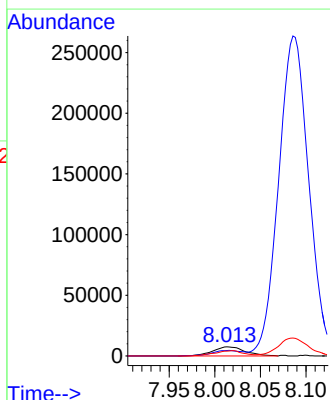
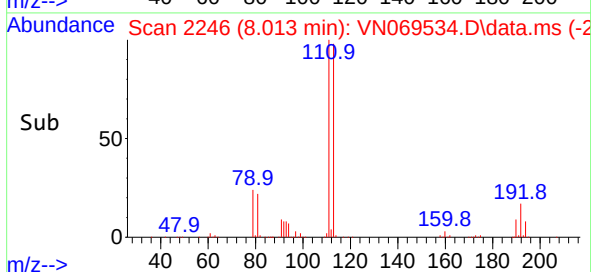
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

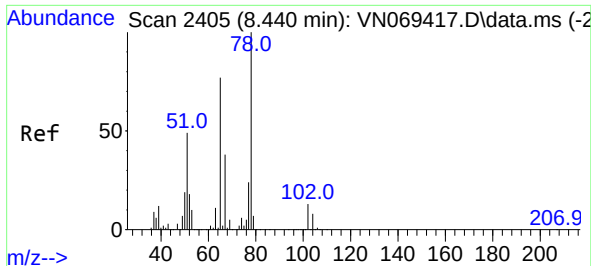


#32
1,1,1-Trichloroethane
Concen: 1.105 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02



Tgt Ion: 97 Resp: 18802
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1#
61 50.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 67.985 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069534.D

Acq: 17 Nov 2021 17:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 65 Resp: 99652

Ion Ratio Lower Upper

65 100

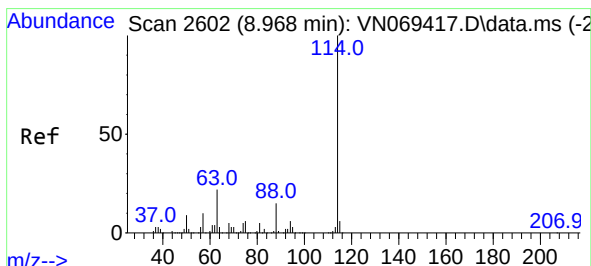
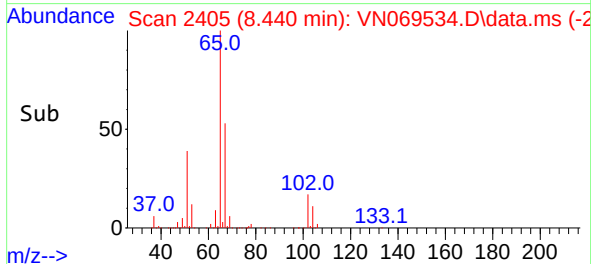
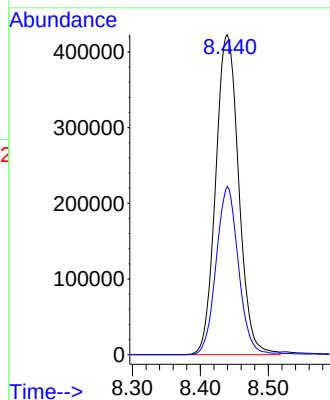
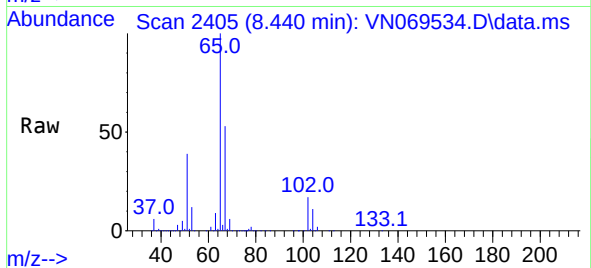
67 50.7 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069534.D

Acq: 17 Nov 2021 17:02

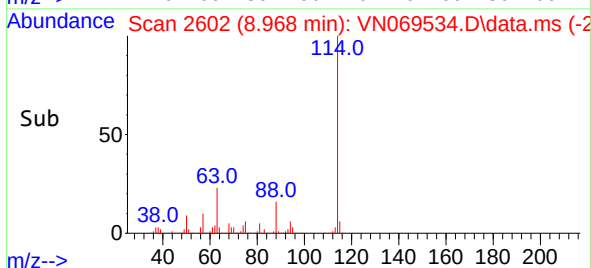
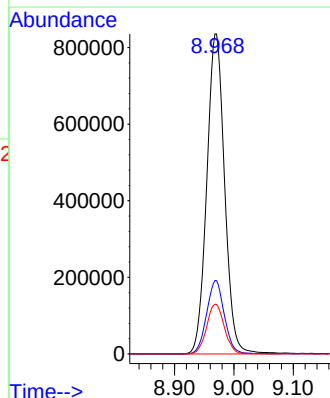
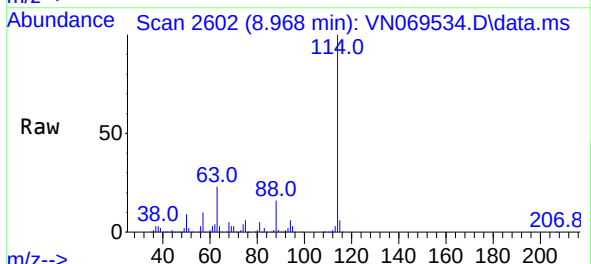
Tgt Ion:114 Resp: 1739666

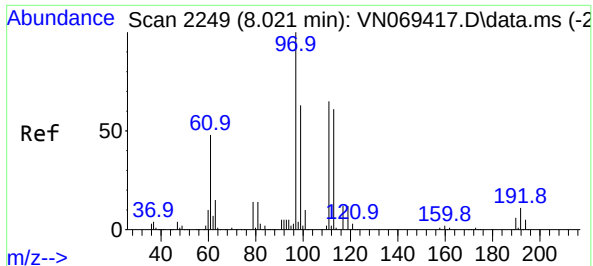
Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.8

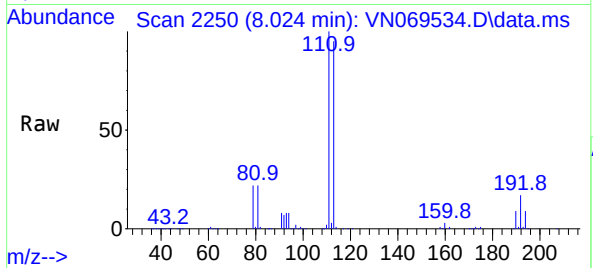
88 15.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 64.186 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

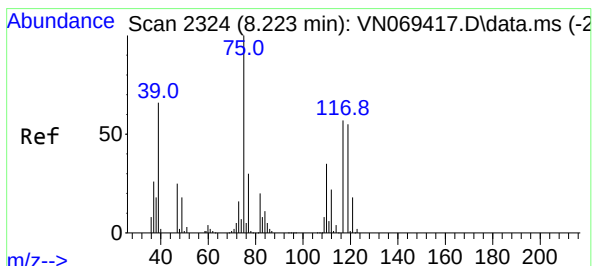
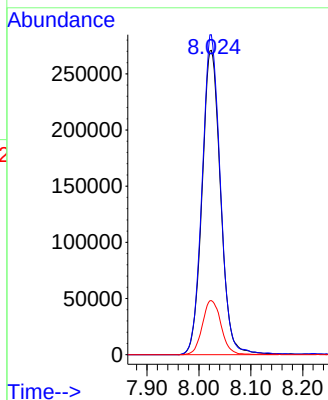
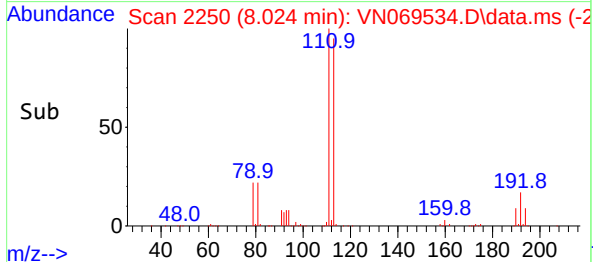
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:113 Resp: 669700
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 18.0 16.9 25.3

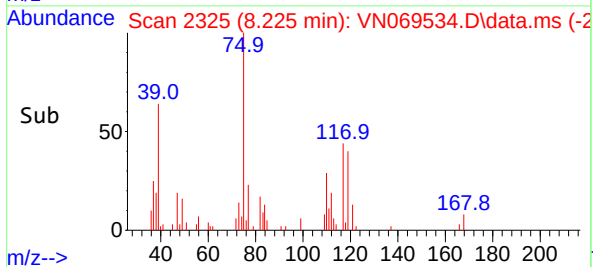
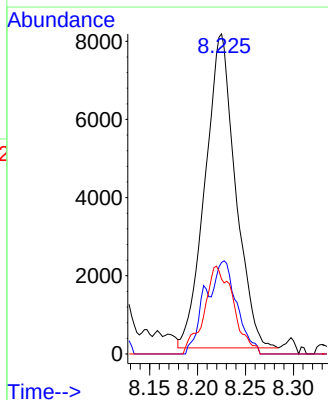
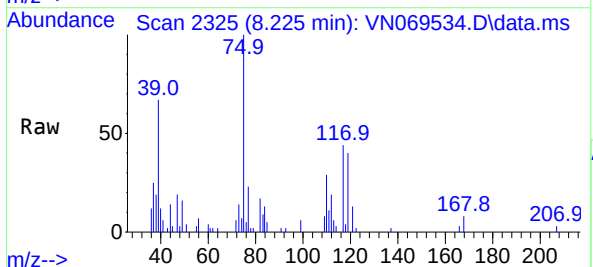
Manual Integrations
APPROVED

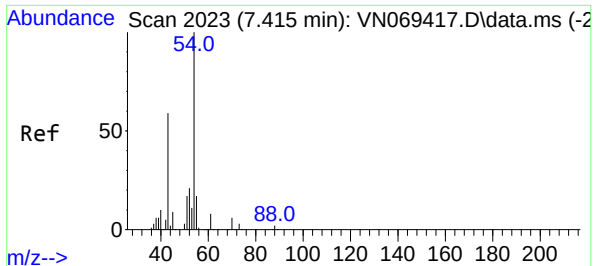
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#36
1,1-Dichloropropene
Concen: 1.207 ug/l
RT: 8.225 min Scan# 2325
Delta R.T. 0.002 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

Tgt Ion: 75 Resp: 17664
Ion Ratio Lower Upper
75 100
110 21.3 18.4 55.2
77 27.1 24.4 36.6





#37

Ethyl Acetate

Concen: 1.439 ug/l m

RT: 7.420 min Scan# 20

Delta R.T. 0.005 min

Lab File: VN069534.D

Acq: 17 Nov 2021 17:02

Instrument :

MSVOA_N

ClientSampleId :

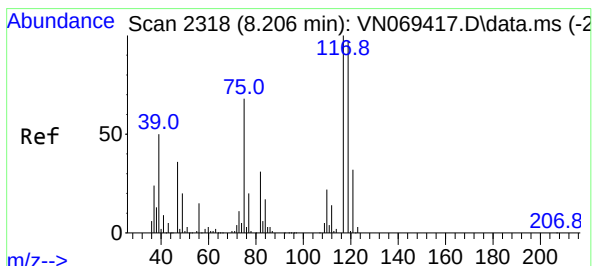
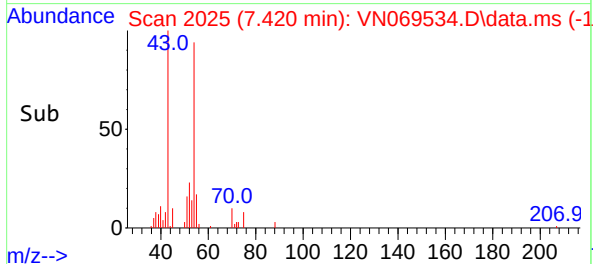
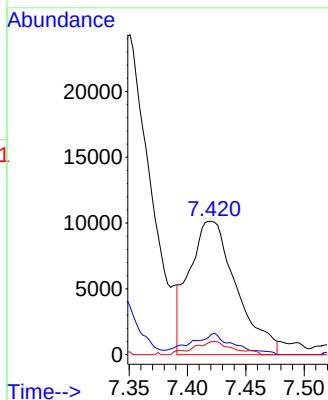
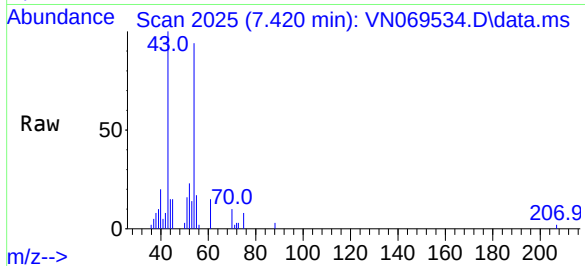
LOQ-WATER-02-QT4-2021

Tgt Ion: 43 Resp: 2848

Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	5.0	7.9	11.9

Manual Integrations
APPROVED

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



#38

Carbon Tetrachloride

Concen: 1.060 ug/l

RT: 8.204 min Scan# 2317

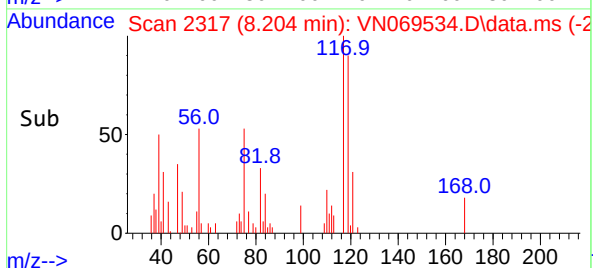
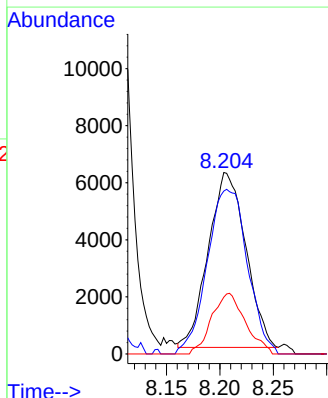
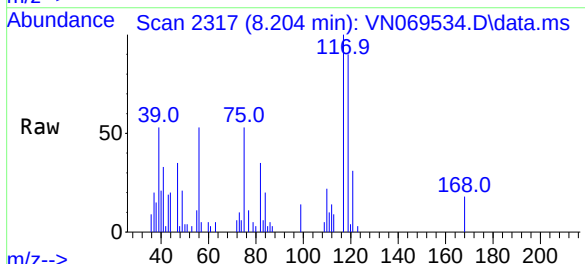
Delta R.T. -0.002 min

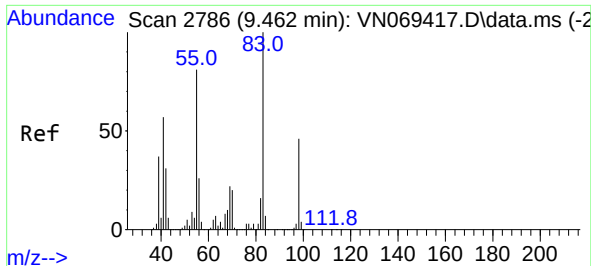
Lab File: VN069534.D

Acq: 17 Nov 2021 17:02

Tgt Ion: 117 Resp: 14980

Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.1	114.1
121	32.5	24.2	36.2





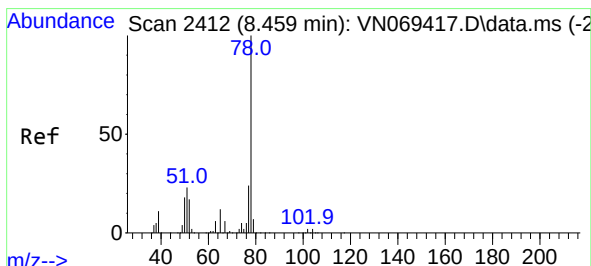
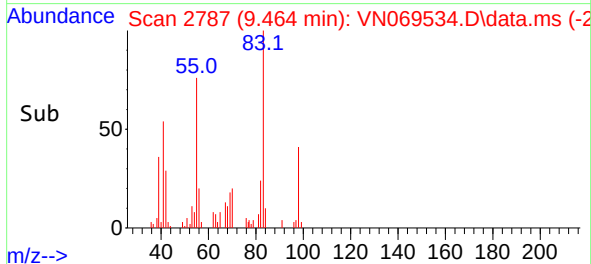
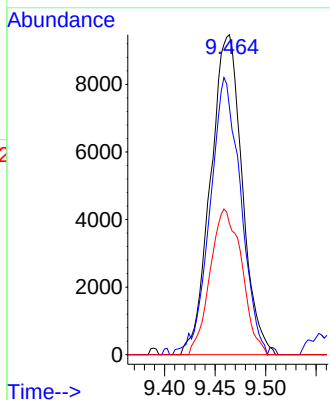
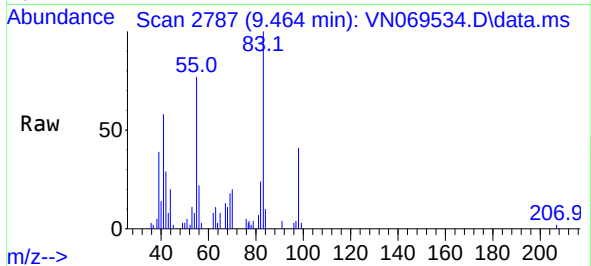
#39
Methylcyclohexane
Concen: 1.130 ug/l
RT: 9.464 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

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

Tgt Ion: 83 Resp: 20579
Ion Ratio Lower Upper
83 100
55 77.4 58.1 87.1
98 41.0 38.4 57.6

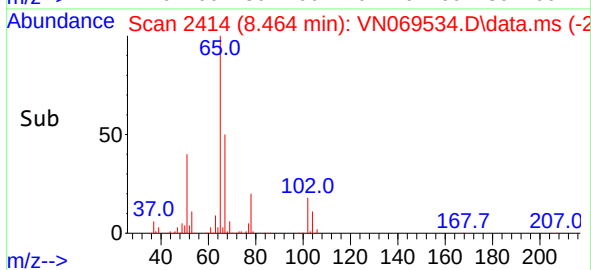
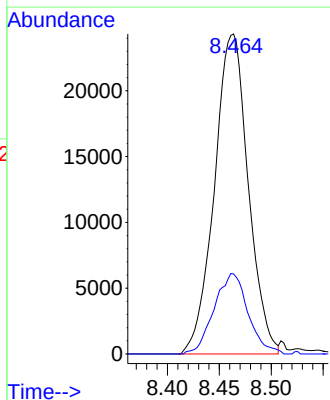
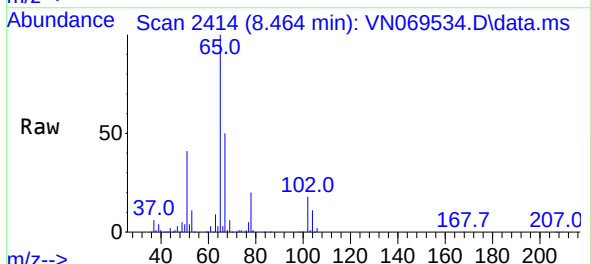
Manual Integrations
APPROVED

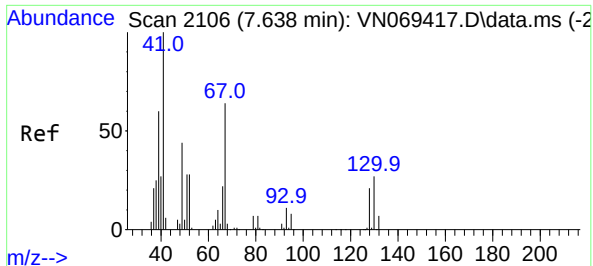
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#40
Benzene
Concen: 1.221 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.005 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

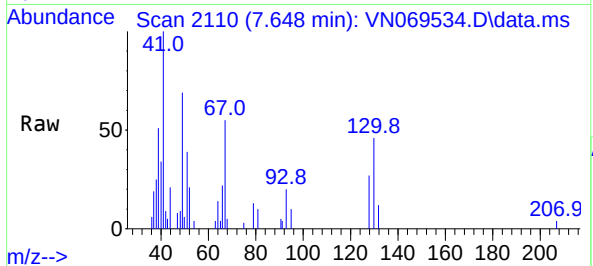
Tgt Ion: 78 Resp: 55155
Ion Ratio Lower Upper
78 100
77 25.0 18.6 27.8





#41
Methacrylonitrile
Concen: 1.297 ug/l
RT: 7.648 min Scan# 2106
Delta R.T. 0.010 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

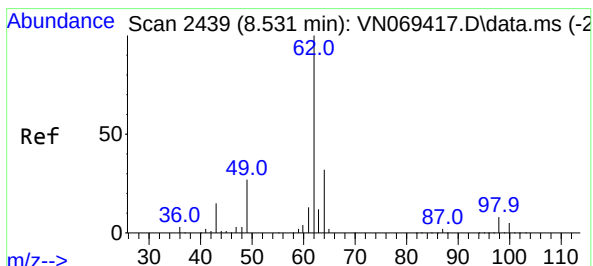
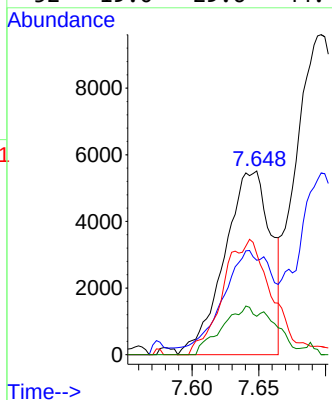
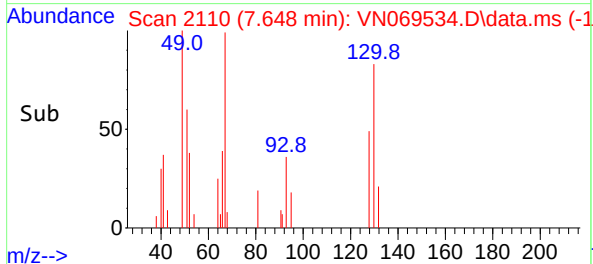
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 41 Resp: 1326
Ion Ratio Lower Upper
41 100
39 59.4 48.1 72.1
67 68.1 68.3 102.5
52 19.0 29.6 44.4

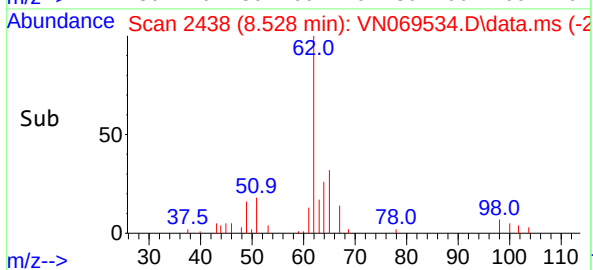
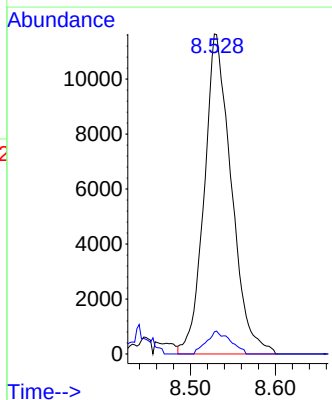
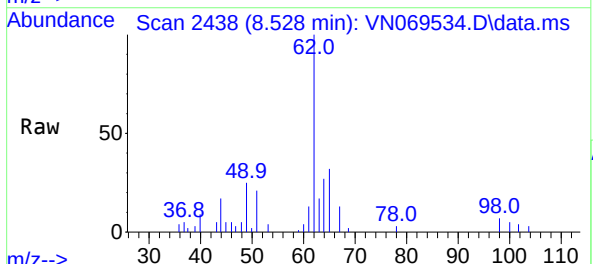
Manual Integrations
APPROVED

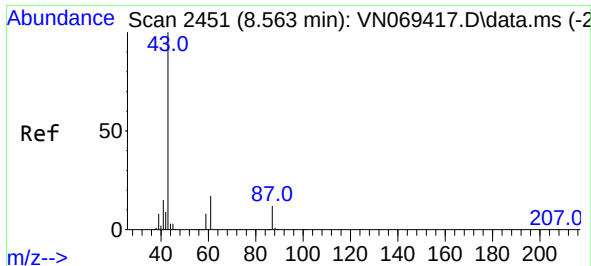
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 1.457 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

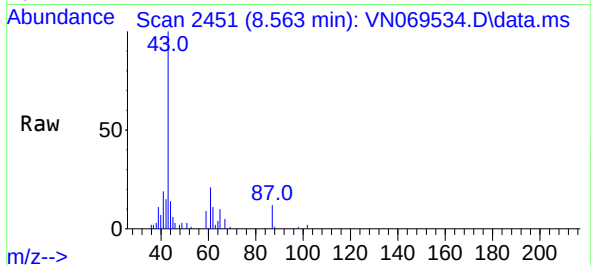
Tgt Ion: 62 Resp: 25770
Ion Ratio Lower Upper
62 100
98 6.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 1.130 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

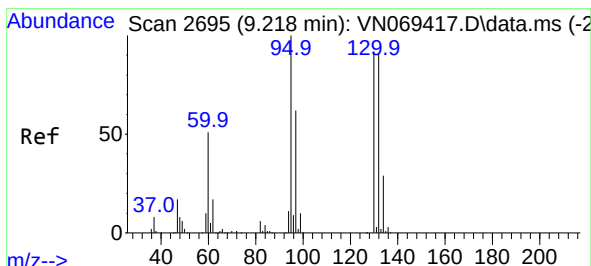
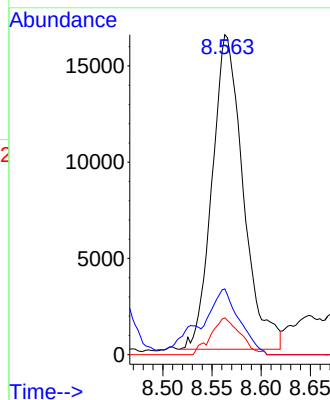
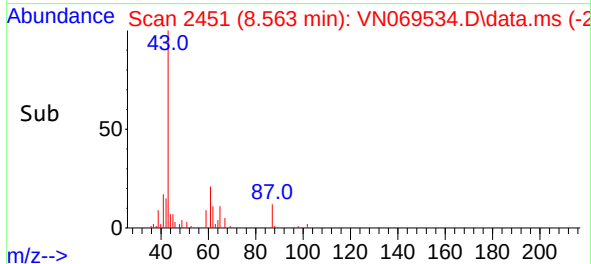
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 43 Resp: 35912
Ion Ratio Lower Upper
43 100
61 19.7 20.4 30.6
87 11.1 11.2 16.8

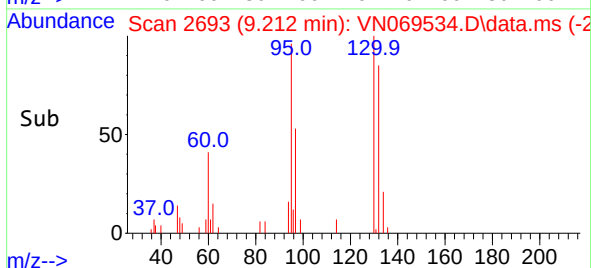
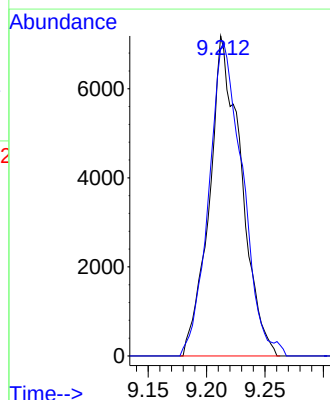
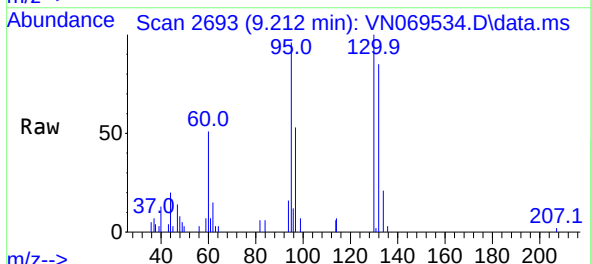
Manual Integrations
APPROVED

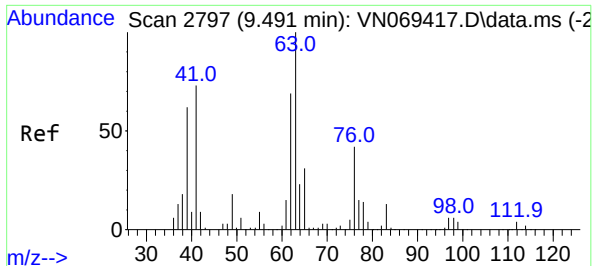
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 1.263 ug/l
RT: 9.212 min Scan# 2693
Delta R.T. -0.006 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

Tgt Ion:130 Resp: 13653
Ion Ratio Lower Upper
130 100
95 96.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 1.176 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069534.D

Acq: 17 Nov 2021 17:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 63 Resp: 14190

Ion Ratio Lower Upper

63 100

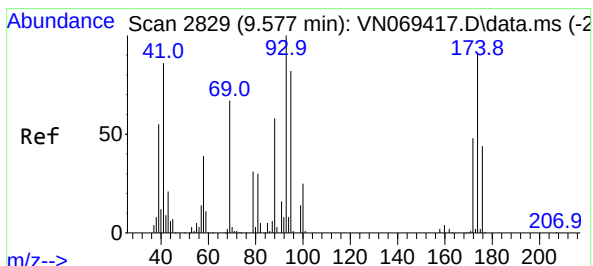
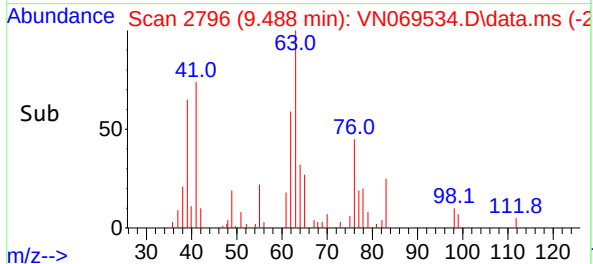
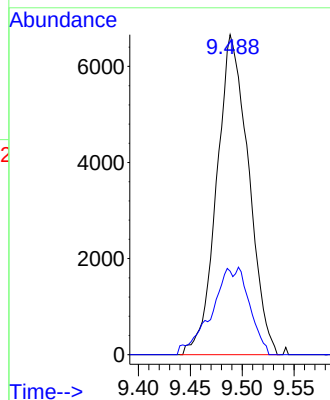
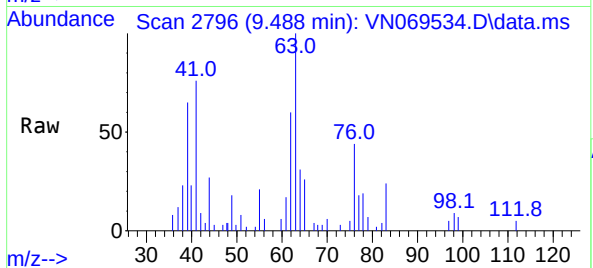
65 26.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 1.129 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.002 min

Lab File: VN069534.D

Acq: 17 Nov 2021 17:02

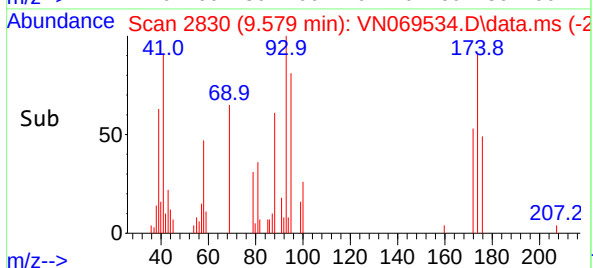
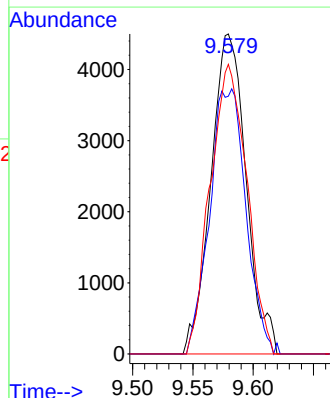
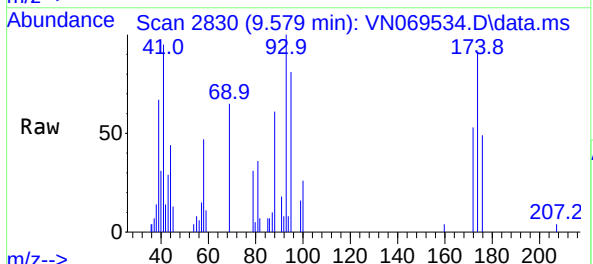
Tgt Ion: 93 Resp: 9132

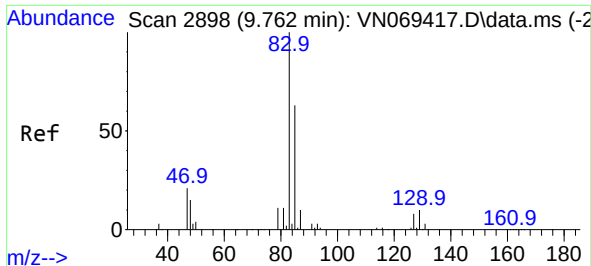
Ion Ratio Lower Upper

93 100

95 85.5 65.9 98.9

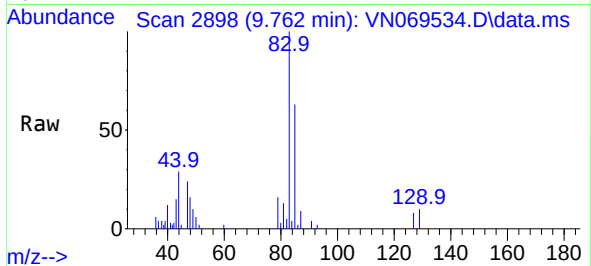
174 94.1 84.6 127.0





#47
Bromodichloromethane
Concen: 1.101 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

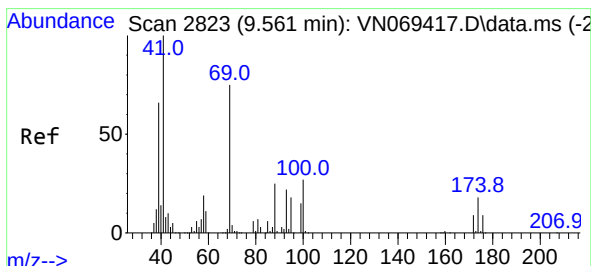
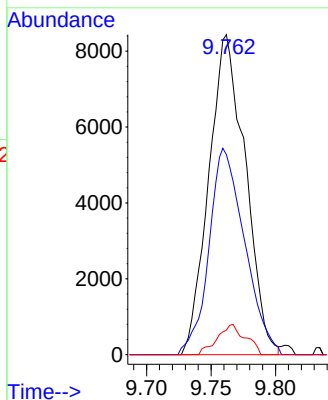
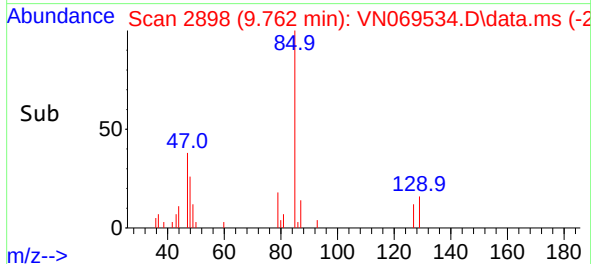
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



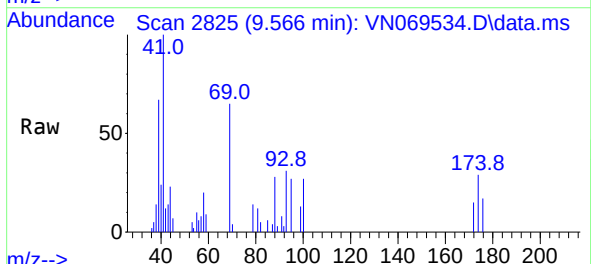
Tgt Ion: 83 Resp: 16619
Ion Ratio Lower Upper
83 100
85 62.5 50.9 76.3
127 7.7 7.1 10.7

Manual Integrations
APPROVED

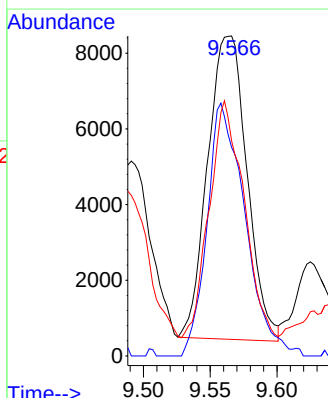
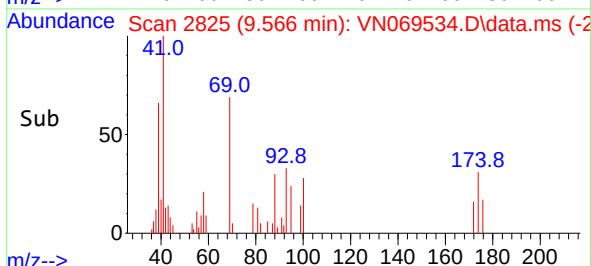
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

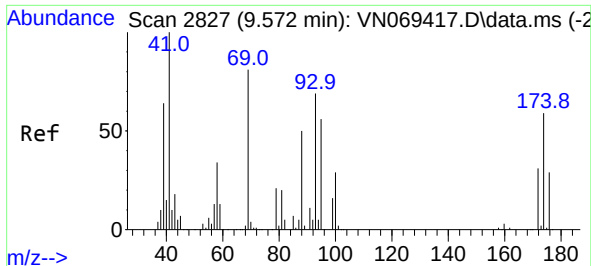


#48
Methyl methacrylate
Concen: 1.099 ug/l
RT: 9.566 min Scan# 2825
Delta R.T. 0.005 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02



Tgt Ion: 41 Resp: 16429
Ion Ratio Lower Upper
41 100
69 80.7 72.4 108.6
39 68.2 58.4 87.6





#49

1,4-Dioxane

Concen: 24.350 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. -0.001 min

Lab File: VN069534.D

Acq: 17 Nov 2021 17:02

Instrument :

MSVOA_N

ClientSampleId :

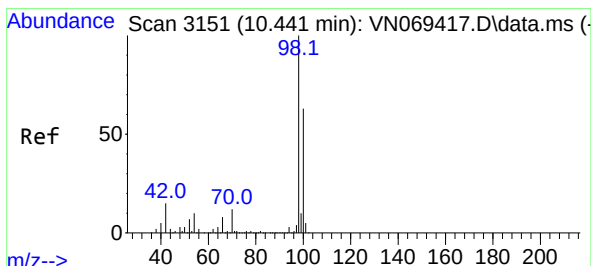
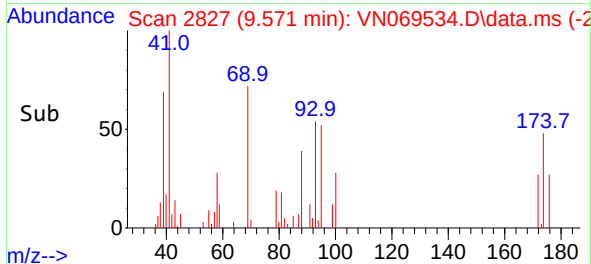
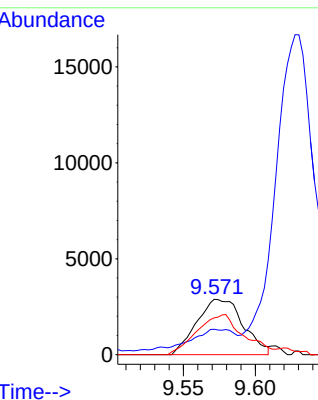
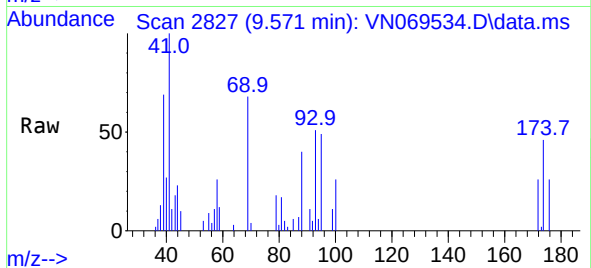
LOQ-WATER-02-QT4-2021

Tgt Ion: 88 Resp: 6494
 Ion Ratio Lower Upper
 88 100
 43 35.5 23.4 35.2
 58 72.6 50.6 75.8

Manual Integrations

APPROVED

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



#50

Toluene-d8

Concen: 62.940 ug/l

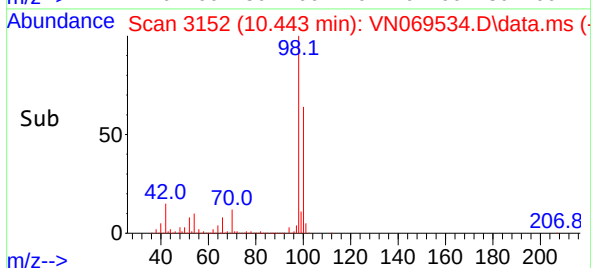
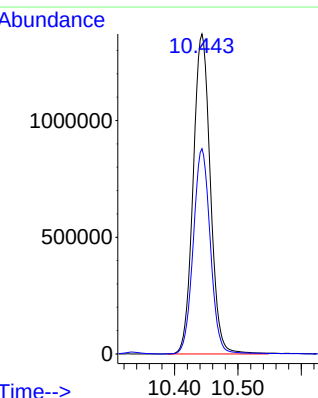
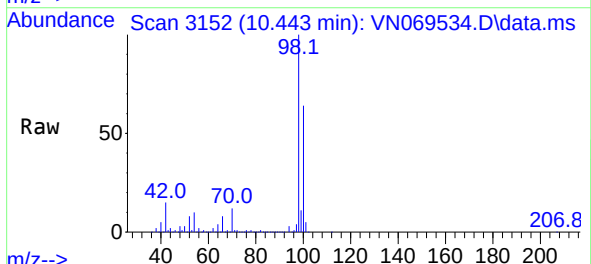
RT: 10.443 min Scan# 3152

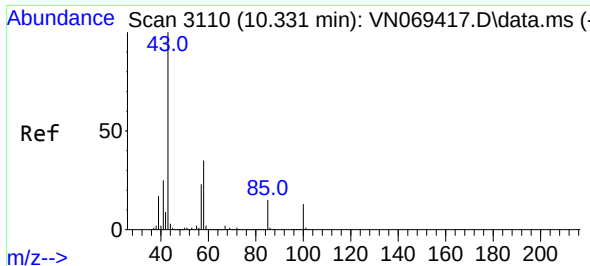
Delta R.T. 0.002 min

Lab File: VN069534.D

Acq: 17 Nov 2021 17:02

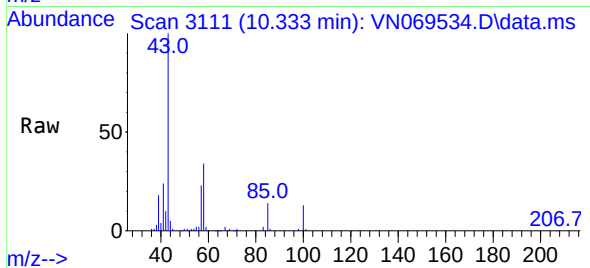
Tgt Ion: 98 Resp: 2582797
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 5.917 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

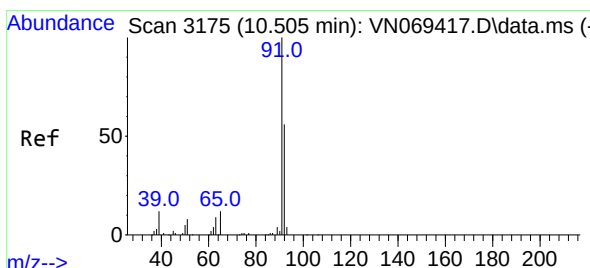
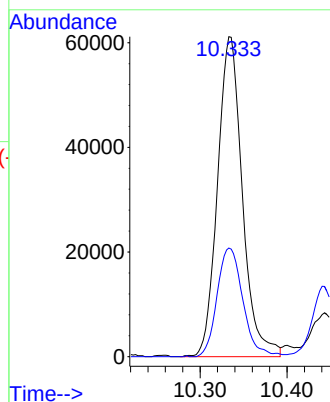
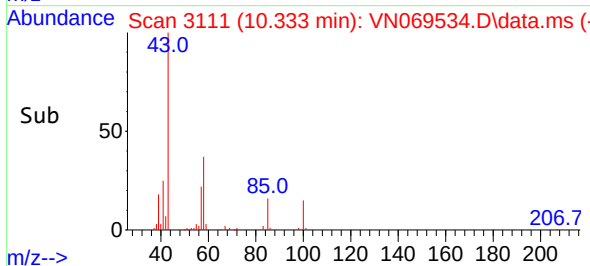
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 43 Resp: 12138
Ion Ratio Lower Upper
43 100
58 34.9 30.4 45.6

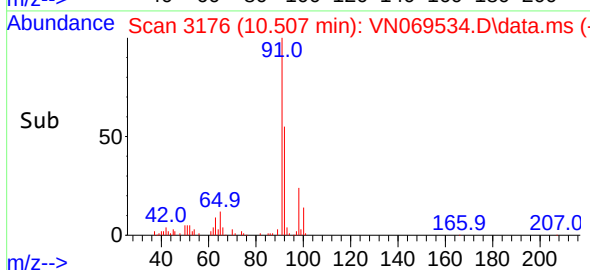
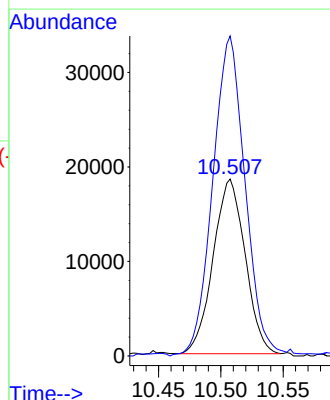
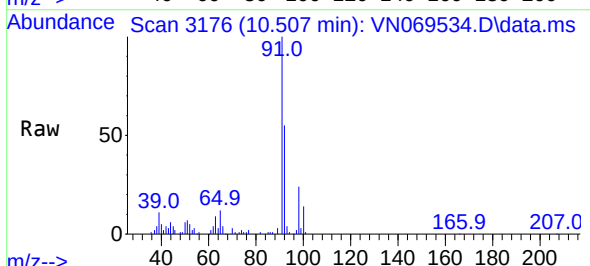
Manual Integrations
APPROVED

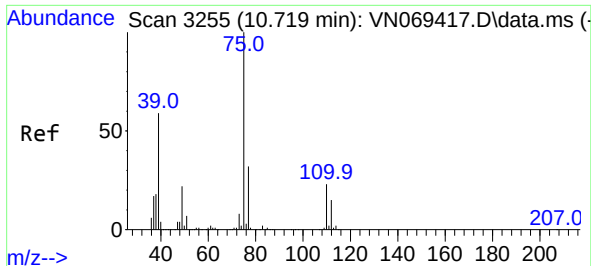
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 1.172 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.002 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

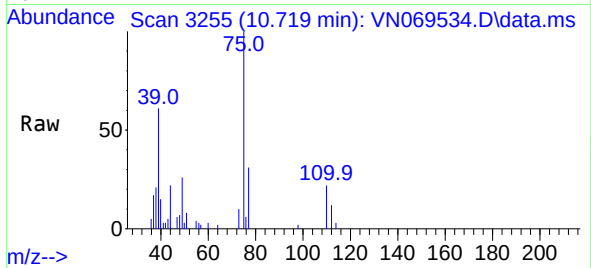
Tgt Ion: 92 Resp: 32987
Ion Ratio Lower Upper
92 100
91 185.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 0.913 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

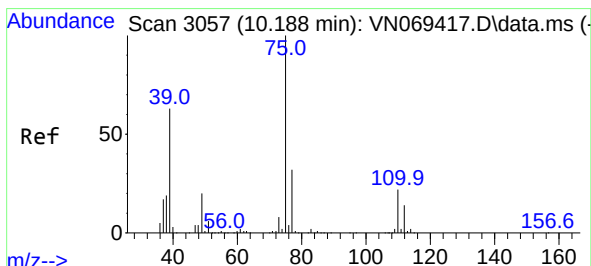
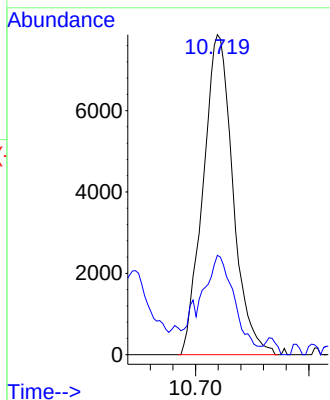
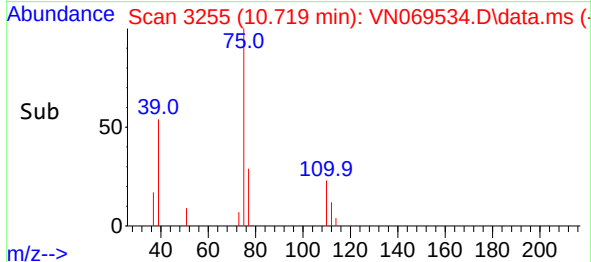
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



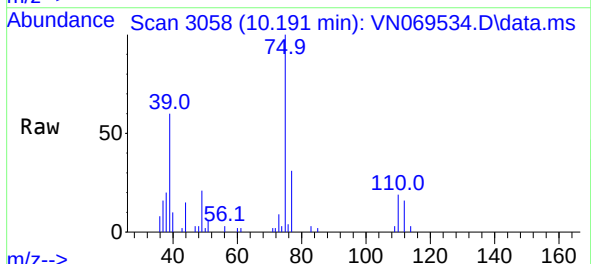
Tgt Ion: 75 Resp: 14392
Ion Ratio Lower Upper
75 100
77 28.6 25.6 38.4

Manual Integrations
APPROVED

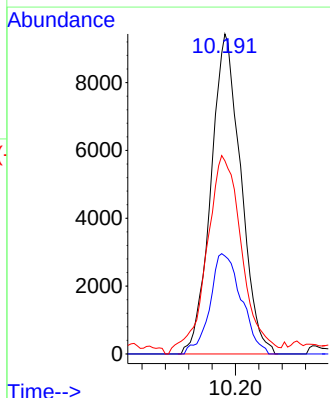
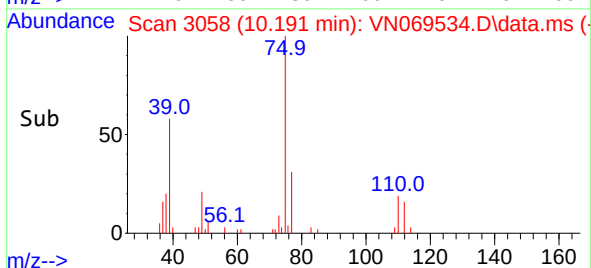
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

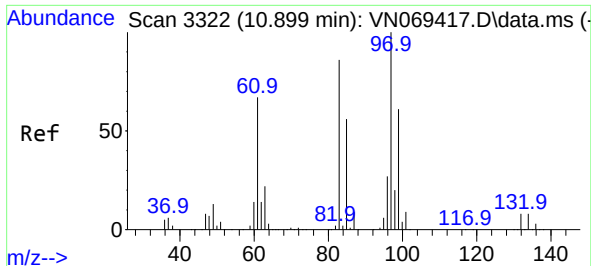


#54
cis-1,3-Dichloropropene
Concen: 0.972 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02



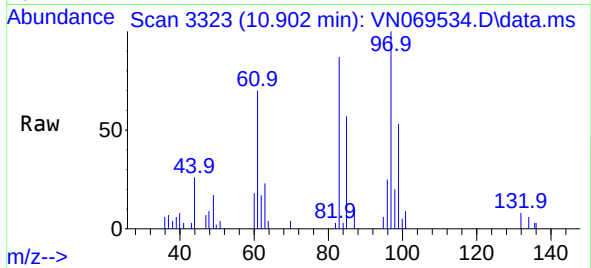
Tgt Ion: 75 Resp: 16728
Ion Ratio Lower Upper
75 100
77 30.6 26.4 39.6
39 58.3 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 1.204 ug/l
RT: 10.902 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

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

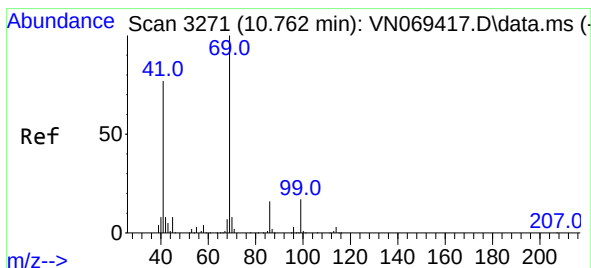
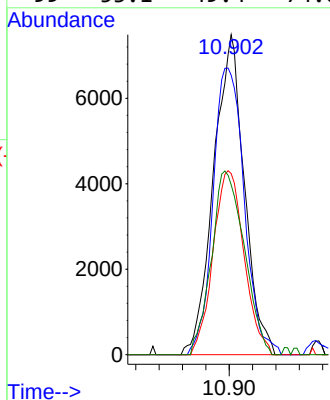
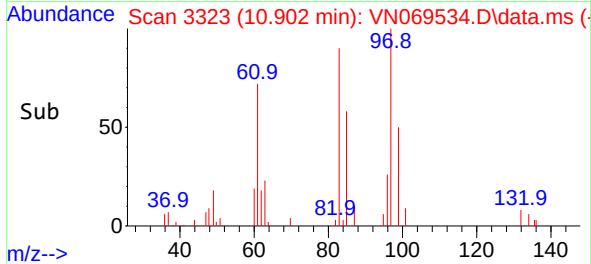


Tgt Ion: 97 Resp: 1366

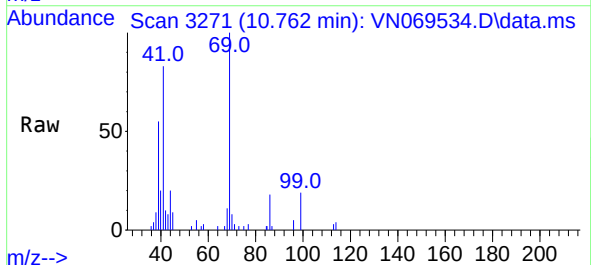
Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.8	101.6
85	56.6	45.4	68.2
99	53.1	49.4	74.0

Manual Integrations
APPROVED

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

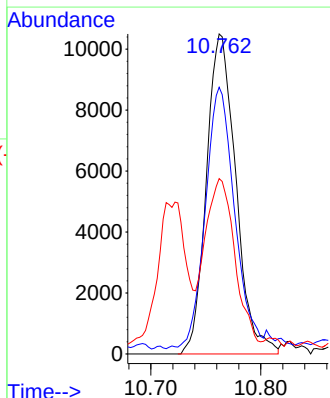
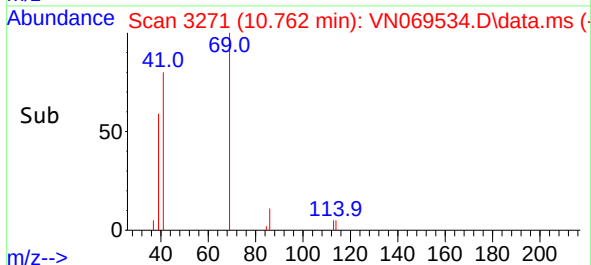


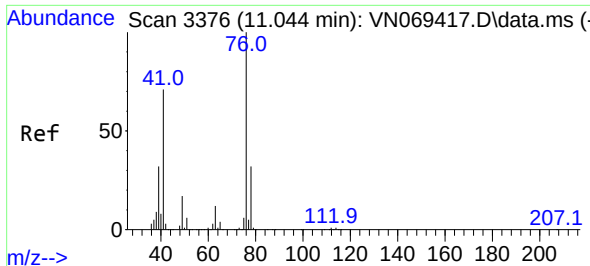
#56
Ethyl methacrylate
Concen: 1.038 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02



Tgt Ion: 69 Resp: 19504

Ion	Ratio	Lower	Upper
69	100		
41	81.4	51.4	77.0#
39	54.6	34.6	52.0#





#57

1,3-Dichloropropane

Concen: 1.163 ug/l

RT: 11.046 min Scan# 3376

Delta R.T. 0.002 min

Lab File: VN069534.D

Acq: 17 Nov 2021 17:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2021

Tgt Ion: 76 Resp: 23180

Ion Ratio Lower Upper

76 100

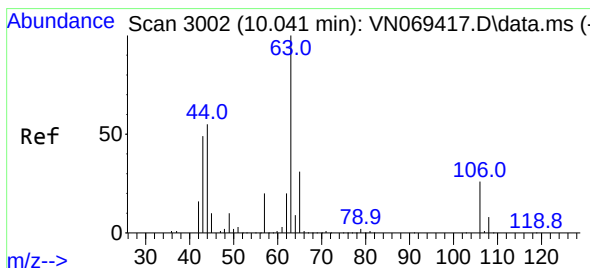
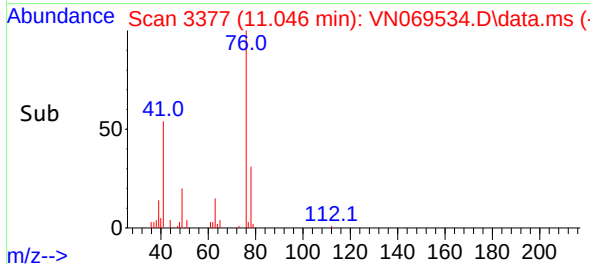
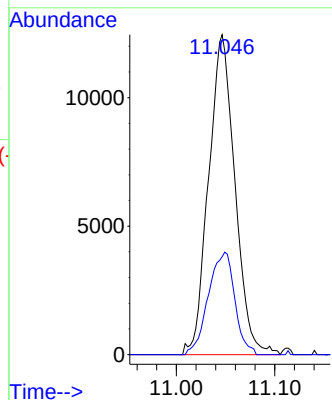
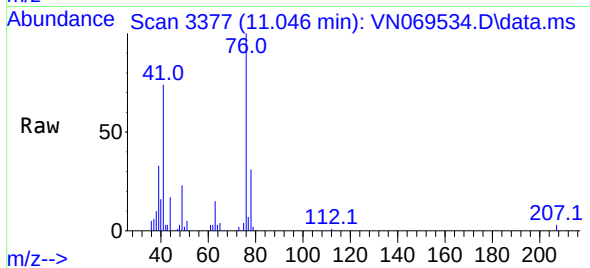
78 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#58

2-Chloroethyl Vinyl ether

Concen: 4.874 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.002 min

Lab File: VN069534.D

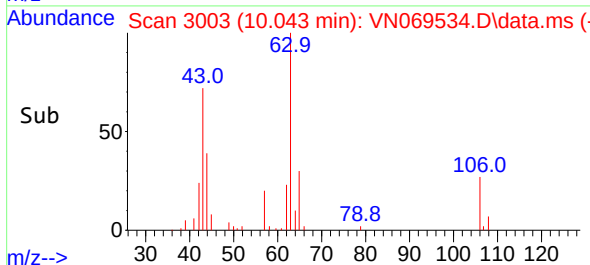
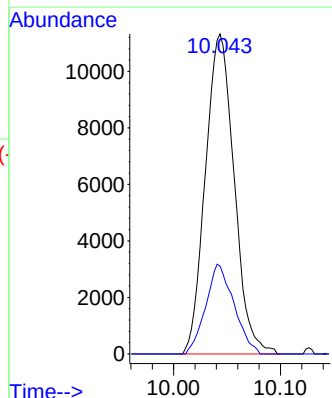
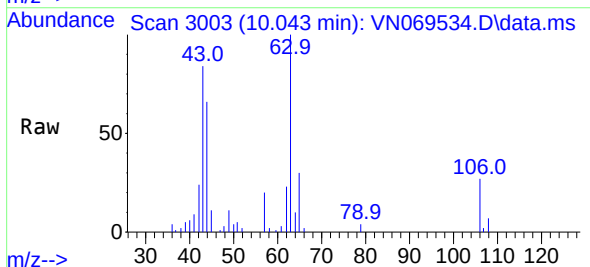
Acq: 17 Nov 2021 17:02

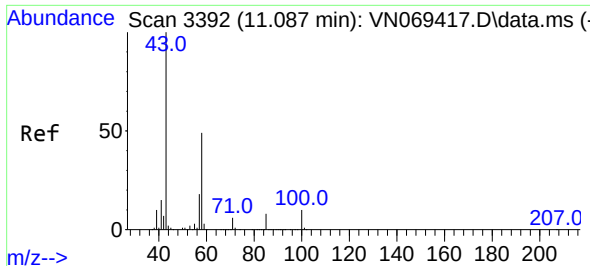
Tgt Ion: 63 Resp: 21219

Ion Ratio Lower Upper

63 100

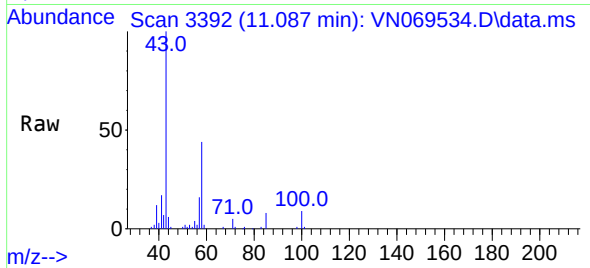
106 27.5 23.9 35.9





#59
2-Hexanone
Concen: 6.227 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

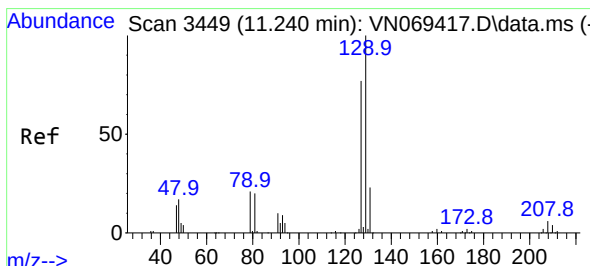
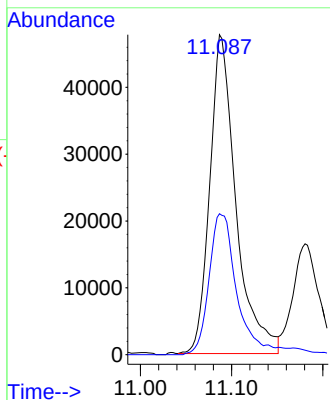
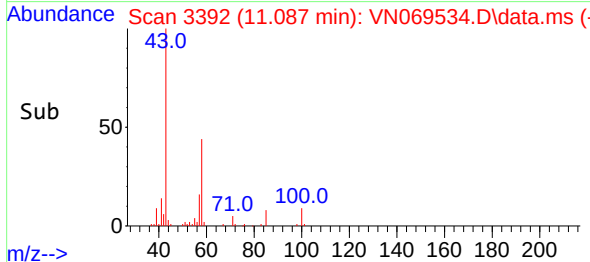
Instrument : MSVOA_N
ClientSampleId : VN069534.D
LOQ-WATER-02-QT4-2021



Tgt Ion: 43 Resp: 95204
Ion Ratio Lower Upper
43 100
58 46.2 26.9 80.7

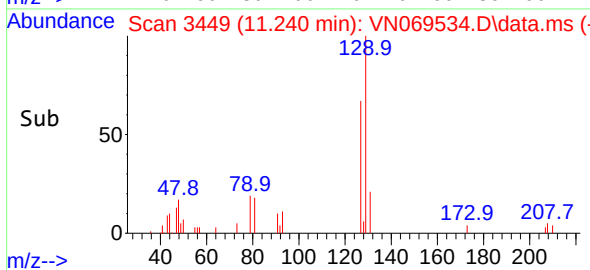
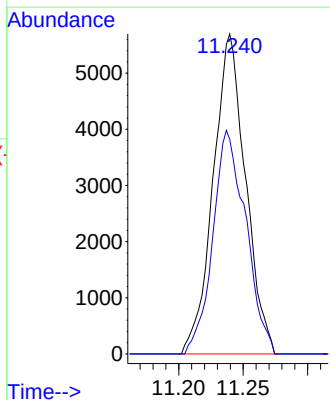
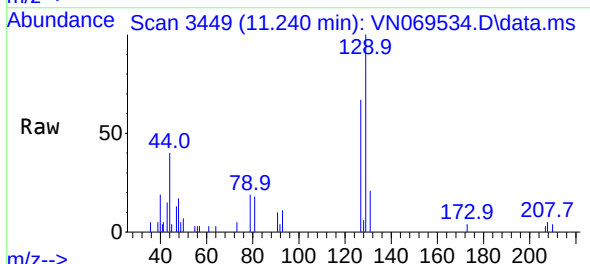
Manual Integrations
APPROVED

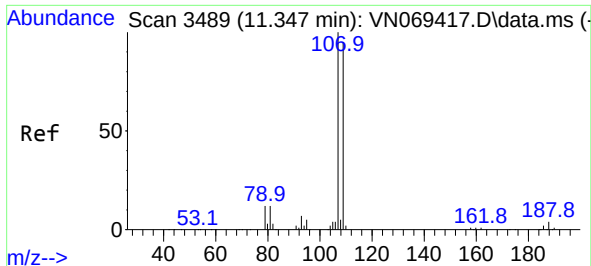
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#60
Dibromochloromethane
Concen: 0.937 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

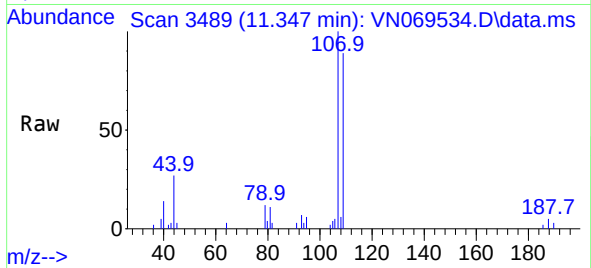
Tgt Ion:129 Resp: 9950
Ion Ratio Lower Upper
129 100
127 71.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 1.090 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

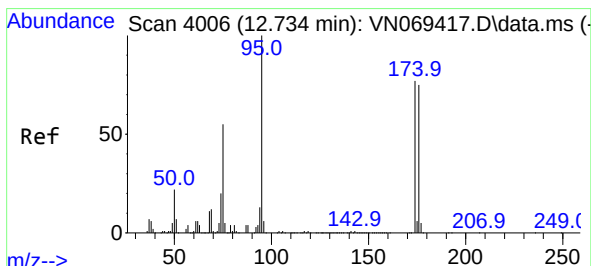
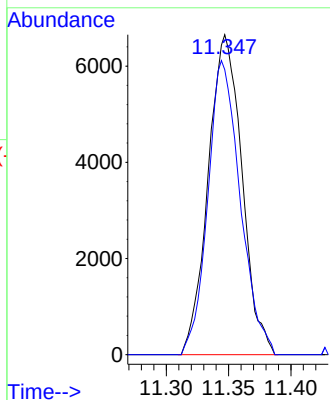
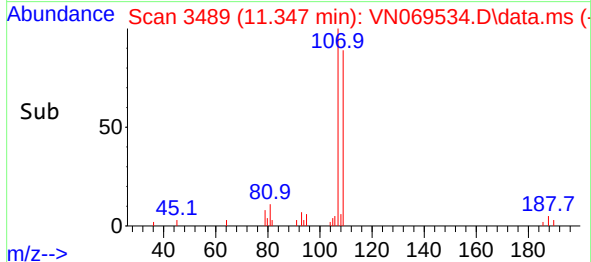
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



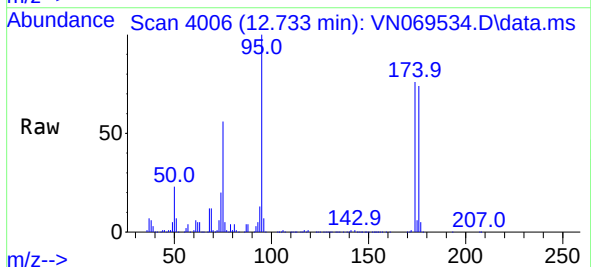
Tgt Ion:107 Resp: 12529
Ion Ratio Lower Upper
107 100
109 88.3 75.7 113.5

Manual Integrations
APPROVED

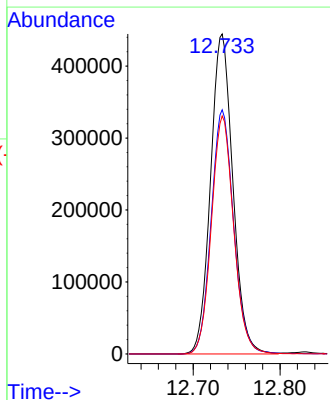
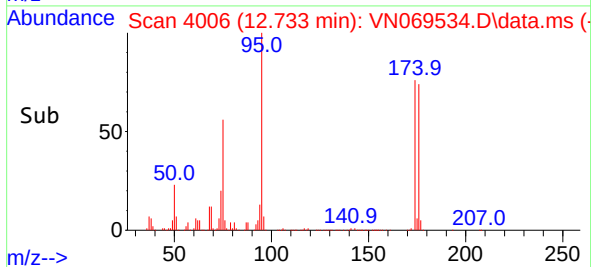
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

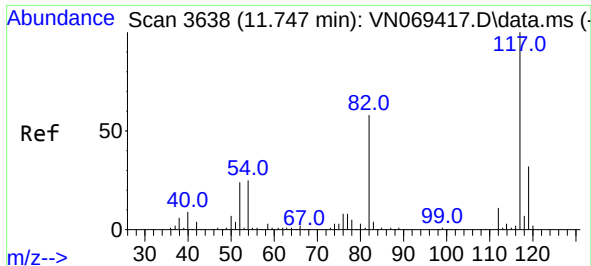


#62
4-Bromofluorobenzene
Concen: 52.639 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02



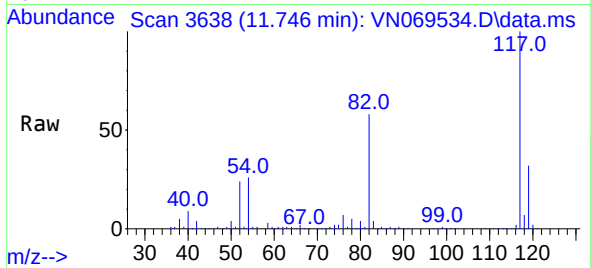
Tgt Ion: 95 Resp: 793530
Ion Ratio Lower Upper
95 100
174 76.9 0.0 187.2
176 74.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

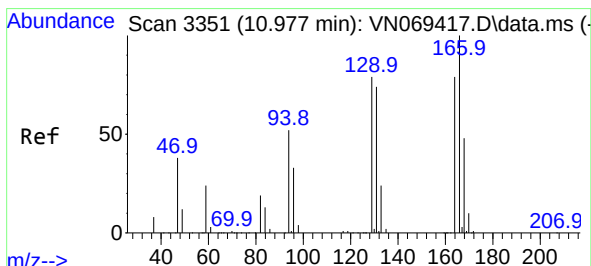
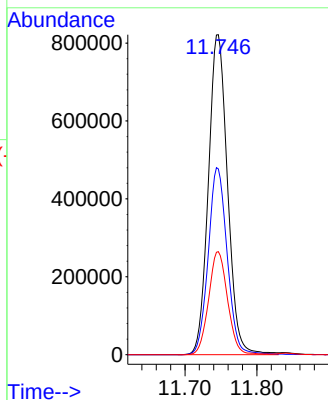
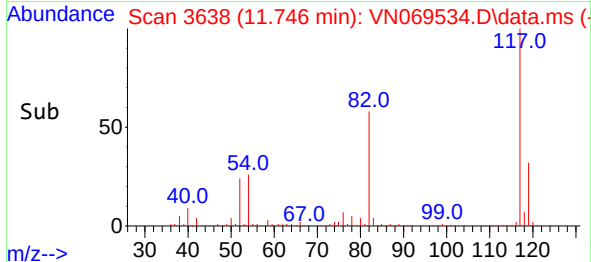
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



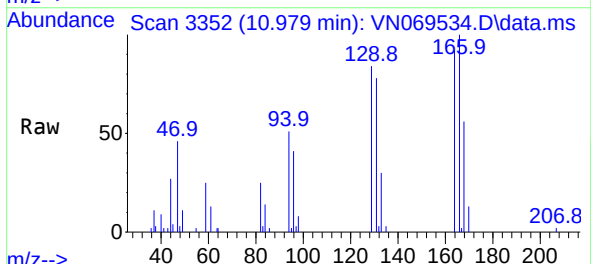
Tgt Ion:117 Resp: 1523139
Ion Ratio Lower Upper
117 100
82 58.0 42.4 63.6
119 32.2 25.4 38.2

Manual Integrations
APPROVED

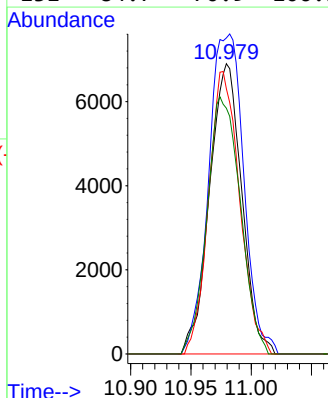
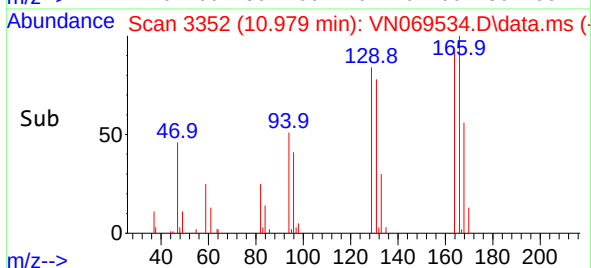
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

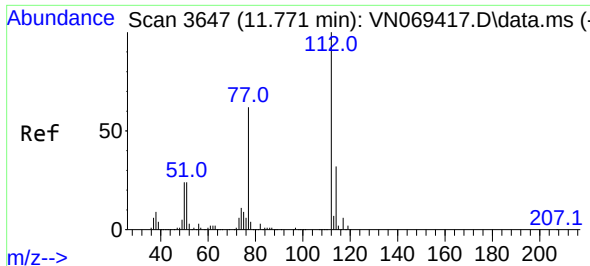


#64
Tetrachloroethene
Concen: 1.391 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.002 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02



Tgt Ion:164 Resp: 12791
Ion Ratio Lower Upper
164 100
166 108.9 101.9 152.9
129 91.4 72.0 108.0
131 84.7 70.9 106.3





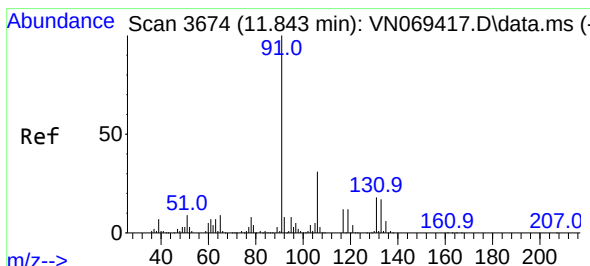
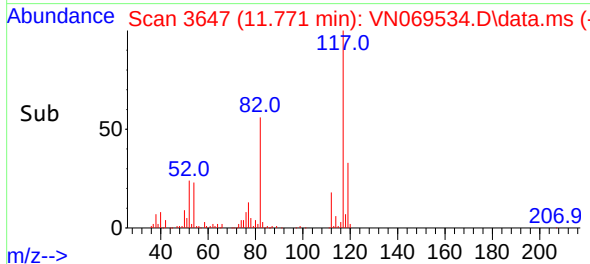
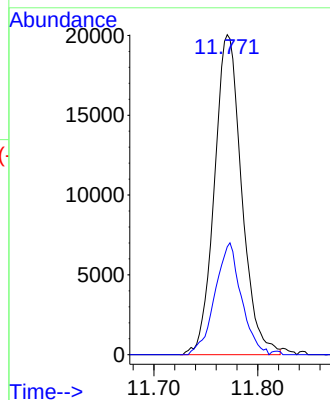
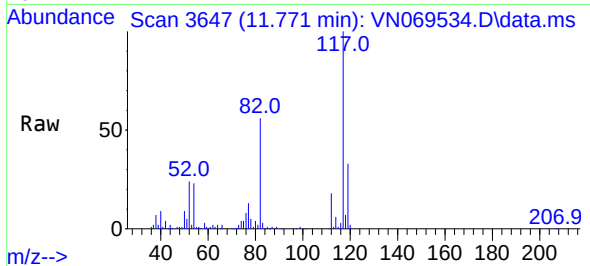
#65
Chlorobenzene
Concen: 1.289 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

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

Tgt Ion:112 Resp: 3654
Ion Ratio Lower Upper
112 100
114 33.7 25.4 38.0

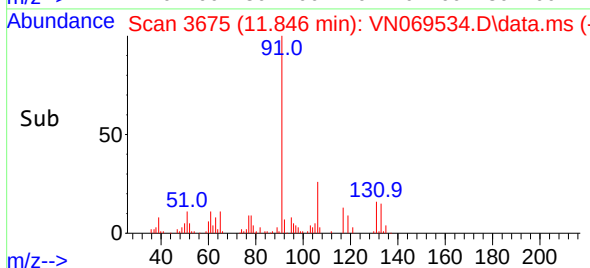
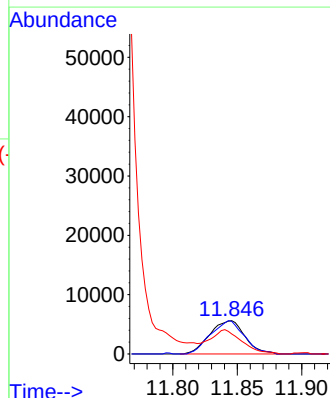
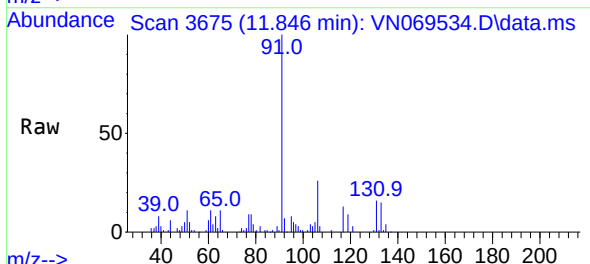
Manual Integrations
APPROVED

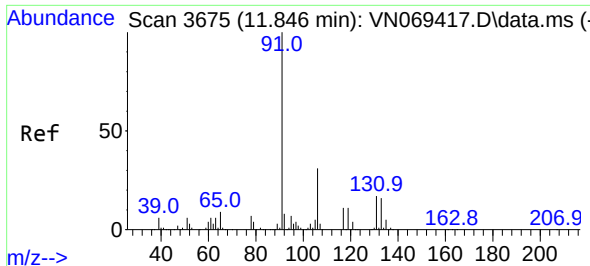
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 1.079 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

Tgt Ion:131 Resp: 10608
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.7
119 0.0 32.1 96.5#





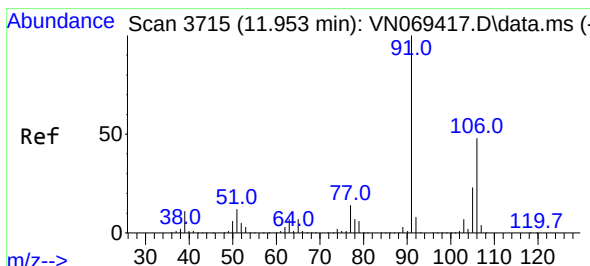
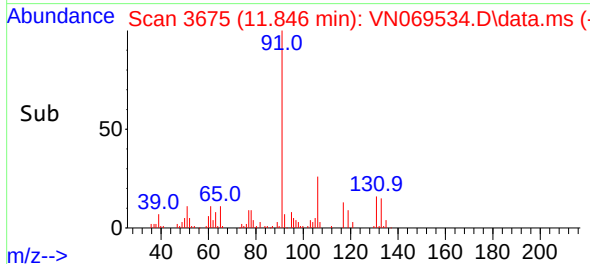
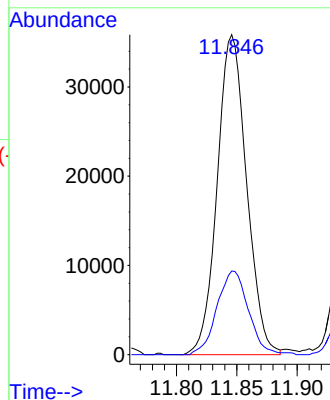
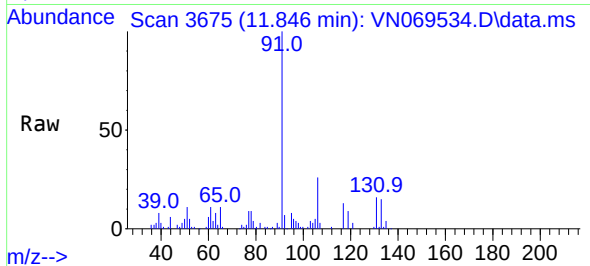
#67
Ethyl Benzene
Concen: 1.162 ug/l
RT: 11.846 min Scan# 3077
Delta R.T. -0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

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

Tgt Ion: 91 Resp: 60772
Ion Ratio Lower Upper
91 100
106 26.1 25.7 38.5

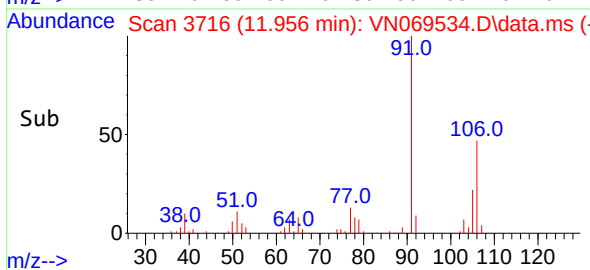
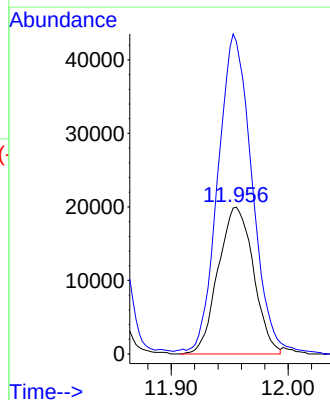
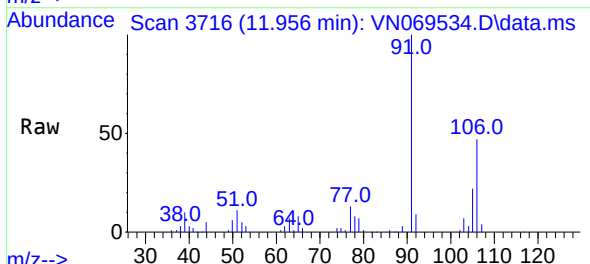
Manual Integrations
APPROVED

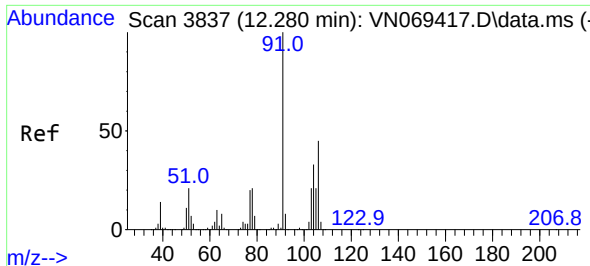
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#68
m/p-Xylenes
Concen: 2.180 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

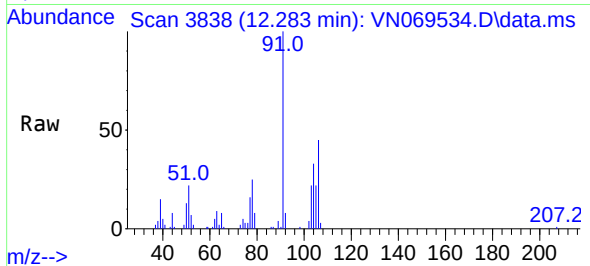
Tgt Ion:106 Resp: 41914
Ion Ratio Lower Upper
106 100
91 212.2 160.6 240.8





#69
o-Xylene
Concen: 1.109 ug/l
RT: 12.283 min Scan# 3837
Delta R.T. 0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

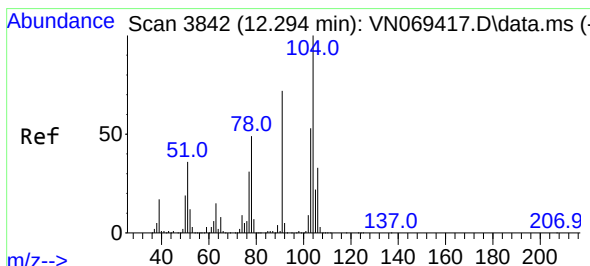
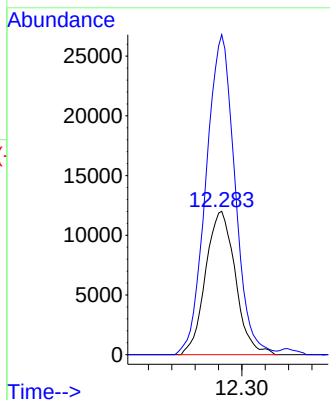
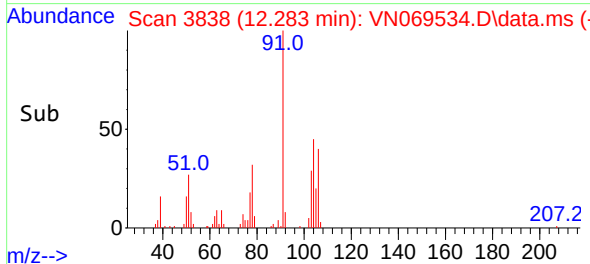
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



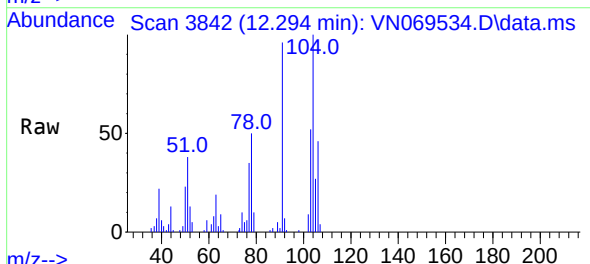
Tgt Ion:106 Resp: 2126
Ion Ratio Lower Upper
106 100
91 216.6 105.8 317.3

Manual Integrations
APPROVED

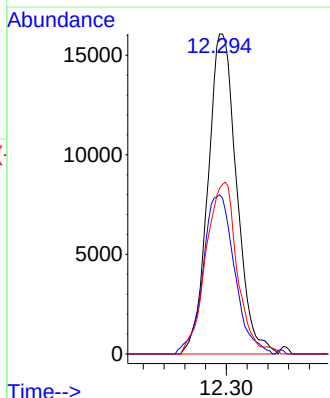
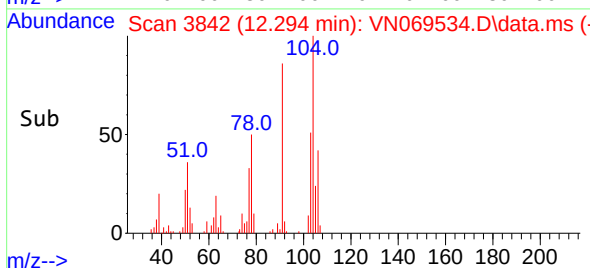
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

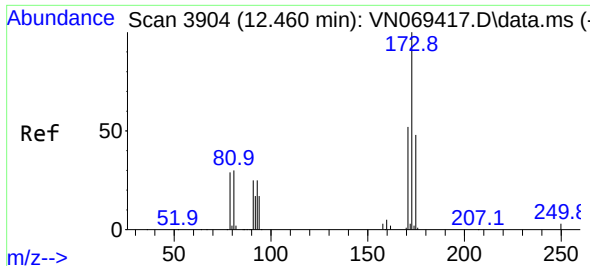


#70
Styrene
Concen: 1.001 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02



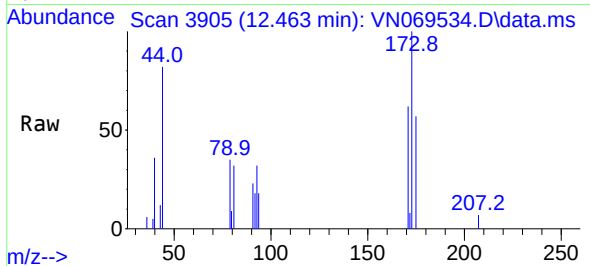
Tgt Ion:104 Resp: 30823
Ion Ratio Lower Upper
104 100
78 54.4 38.7 58.1
103 58.6 45.0 67.6





#71
Bromoform
Concen: 0.848 ug/l
RT: 12.463 min Scan# 3905
Delta R.T. 0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

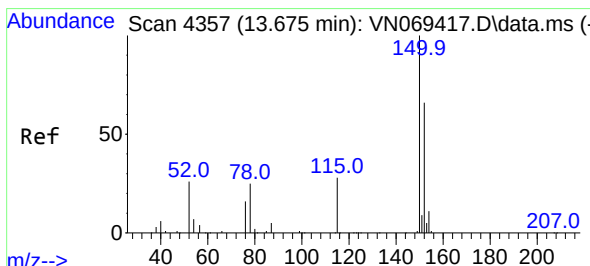
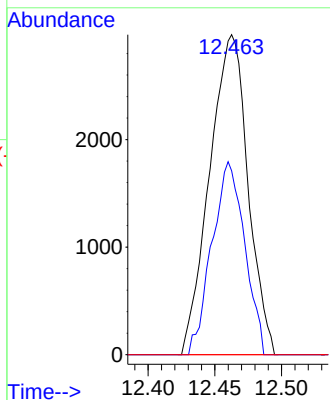
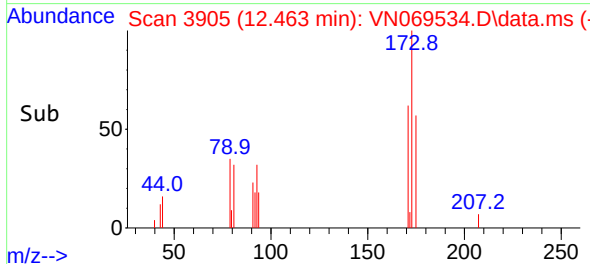
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



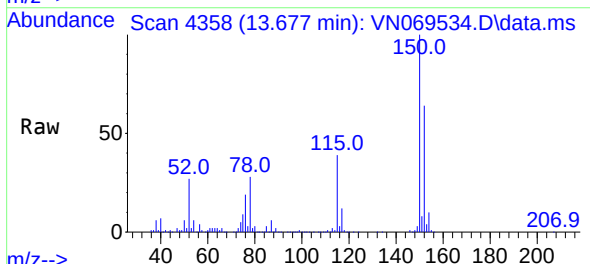
Tgt Ion:173 Resp: 5952
Ion Ratio Lower Upper
173 100
175 51.3 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

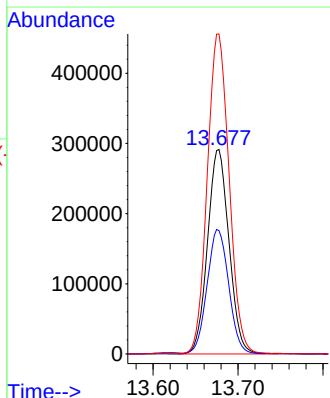
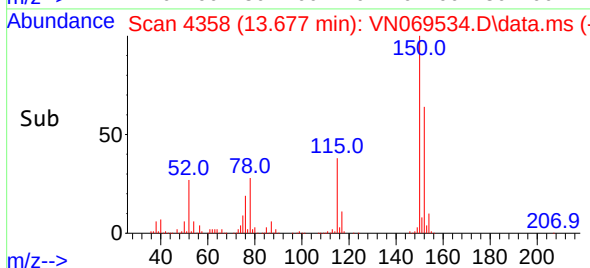
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

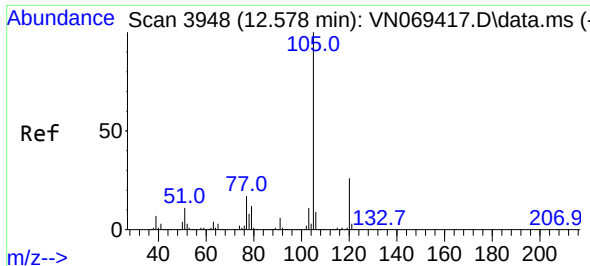


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02



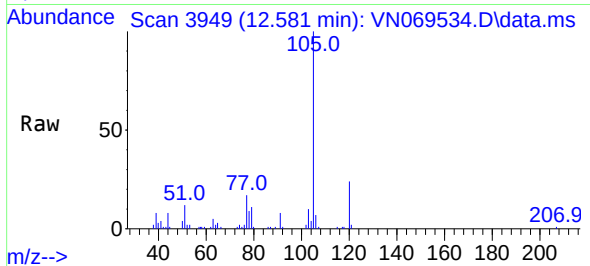
Tgt Ion:152 Resp: 511419
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 158.1 0.0 344.4





#73
Isopropylbenzene
Concen: 1.269 ug/l
RT: 12.581 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

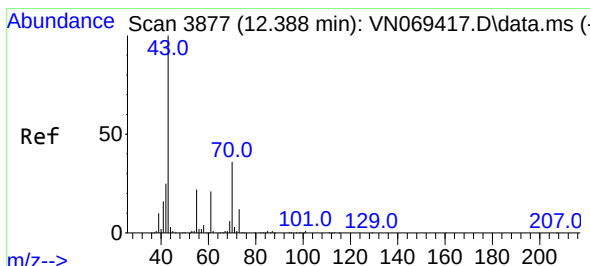
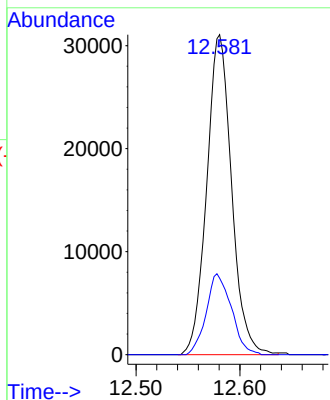
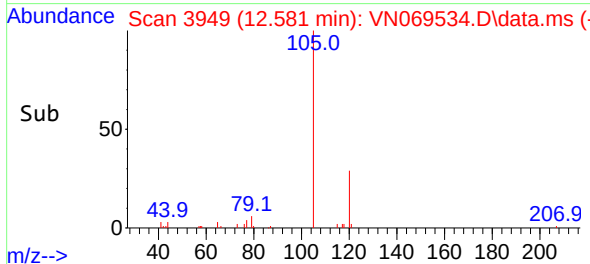
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



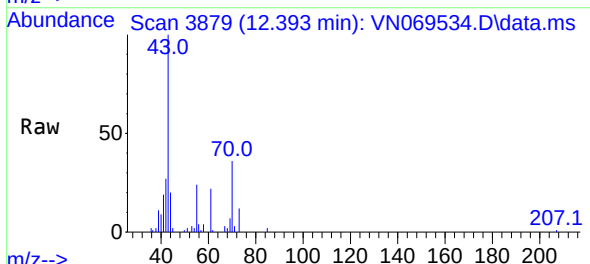
Tgt Ion:105 Resp: 51692
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

Manual Integrations
APPROVED

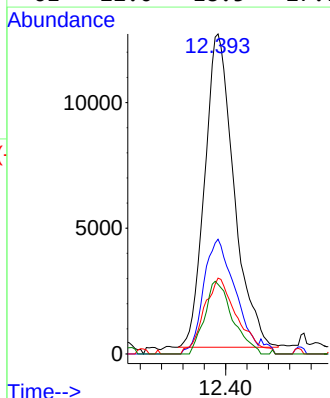
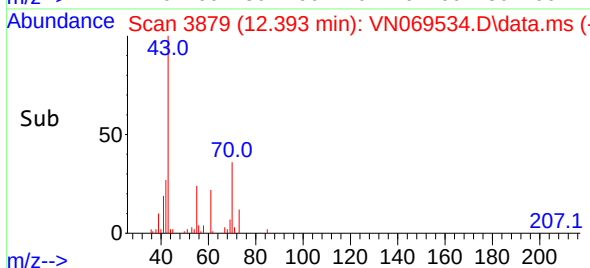
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

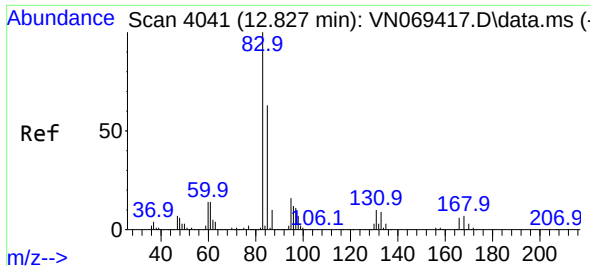


#74
N-ethyl acetate
Concen: 1.372 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.005 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02



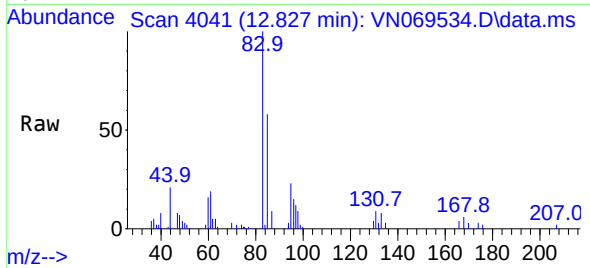
Tgt Ion: 43 Resp: 23672
Ion Ratio Lower Upper
43 100
70 39.3 33.4 50.0
55 27.4 19.3 28.9
61 22.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 1.664 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

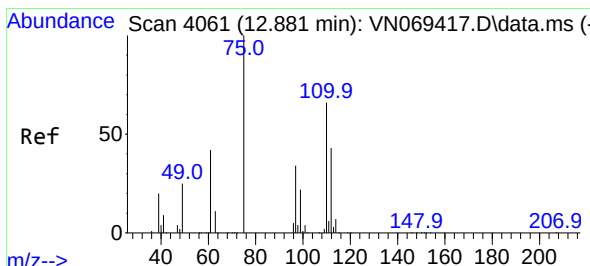
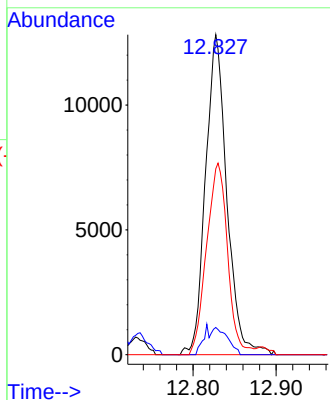
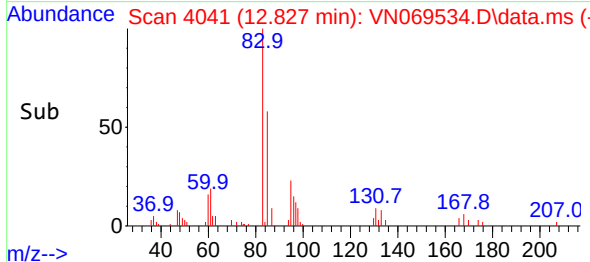
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



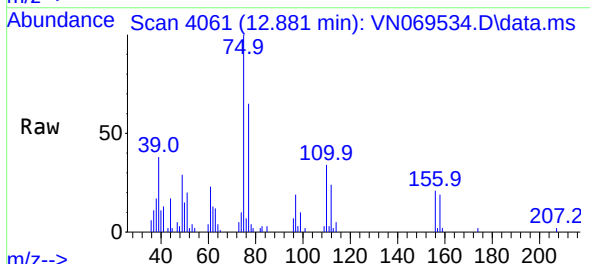
Tgt Ion: 83 Resp: 22840
Ion Ratio Lower Upper
83 100
131 5.9 5.5 16.5
85 59.1 32.4 97.2

Manual Integrations
APPROVED

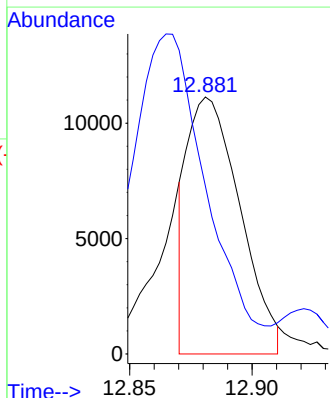
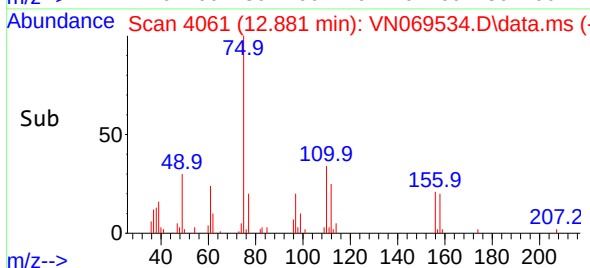
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

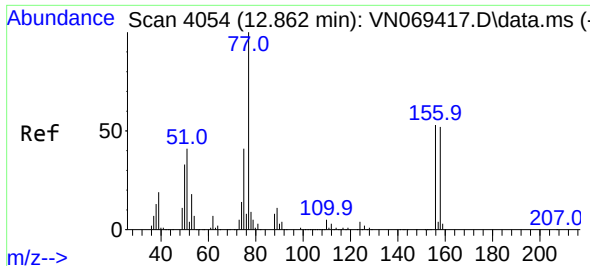


#76
1,2,3-Trichloropropane
Concen: 1.411 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02



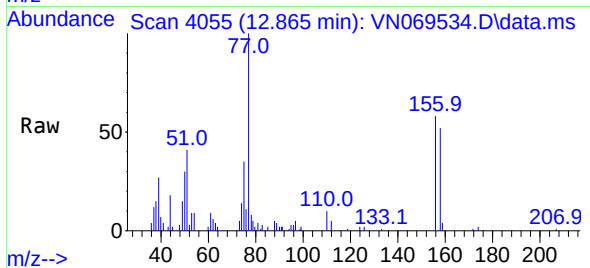
Tgt Ion: 75 Resp: 16658
Ion Ratio Lower Upper
75 100
77 181.6 82.6 247.8





#77
Bromobenzene
Concen: 1.474 ug/l
RT: 12.865 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

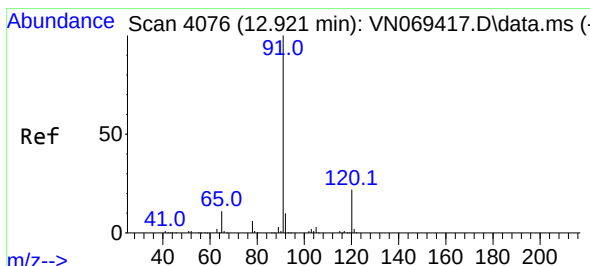
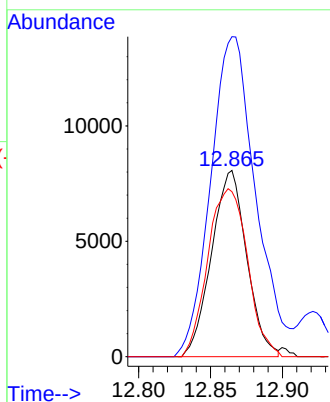
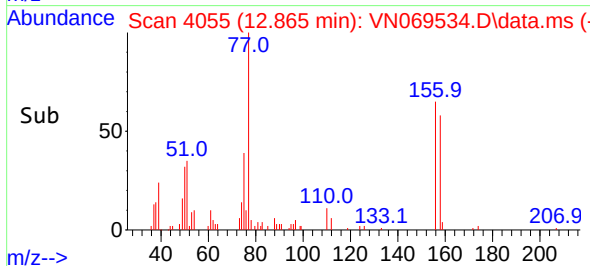
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:156 Resp: 1372
Ion Ratio Lower Upper
156 100
77 220.5 90.6 271.8
158 101.9 48.9 146.7

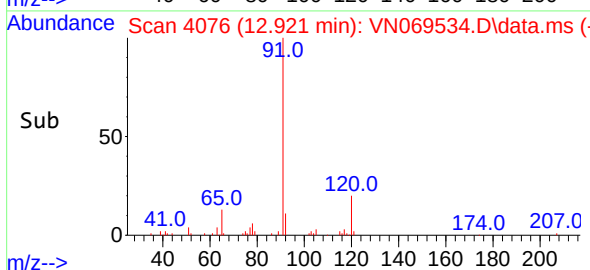
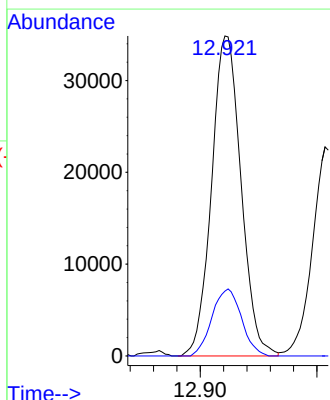
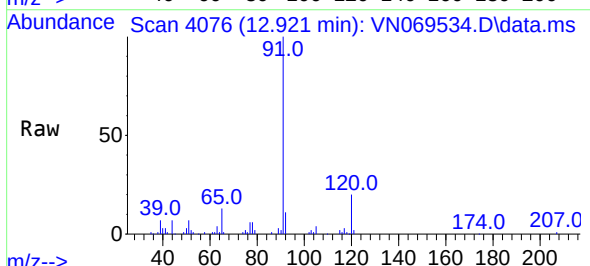
Manual Integrations
APPROVED

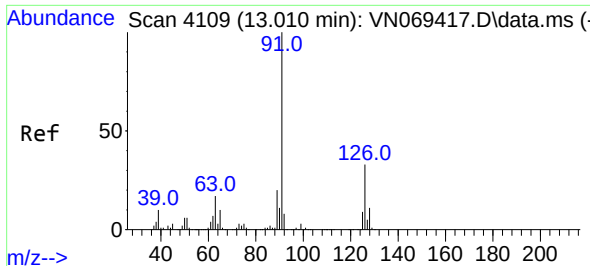
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#78
n-propylbenzene
Concen: 1.331 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

Tgt Ion: 91 Resp: 61004
Ion Ratio Lower Upper
91 100
120 21.0 11.9 35.9





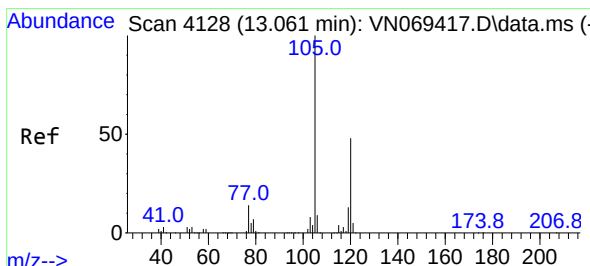
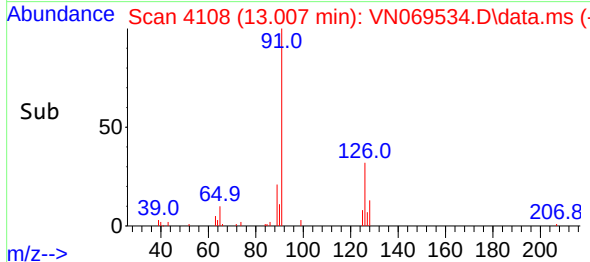
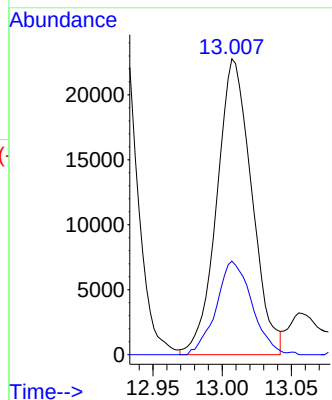
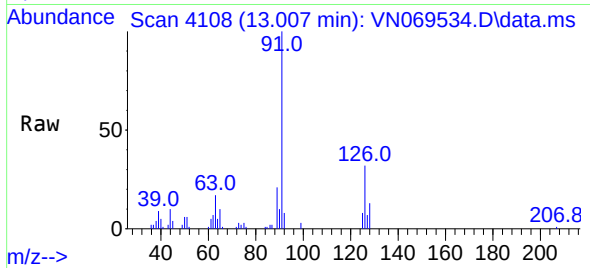
#79
2-Chlorotoluene
Concen: 1.407 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

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

Tgt Ion: 91 Resp: 3991
Ion Ratio Lower Upper
91 100
126 32.5 18.3 54.8

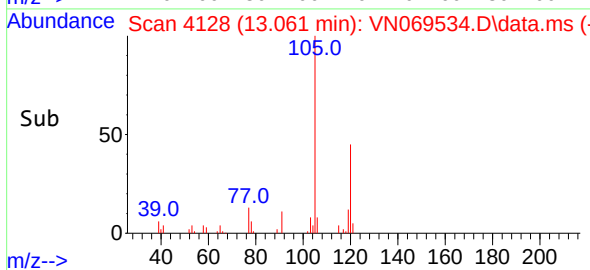
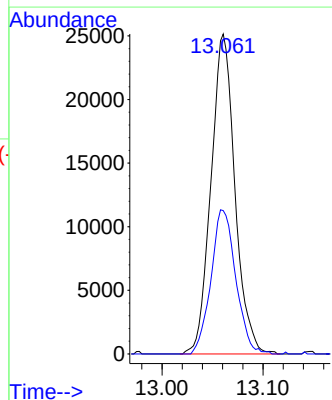
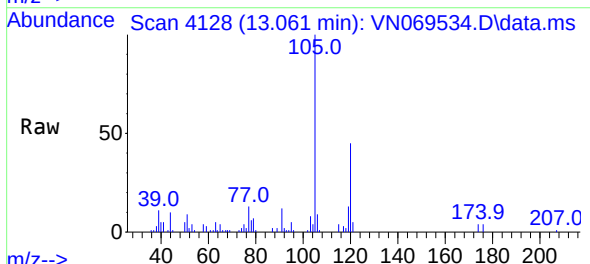
Manual Integrations
APPROVED

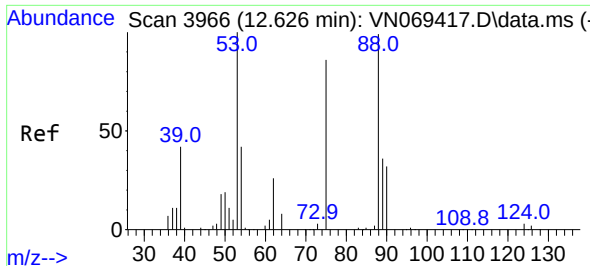
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 1.258 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

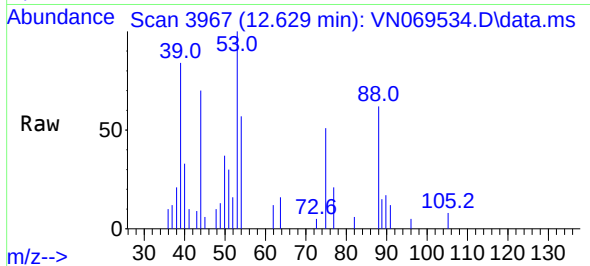
Tgt Ion:105 Resp: 41400
Ion Ratio Lower Upper
105 100
120 46.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 0.790 ug/l m
RT: 12.629 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

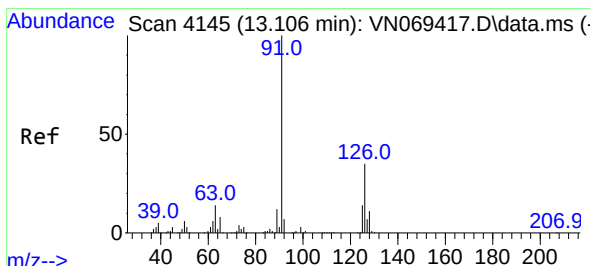
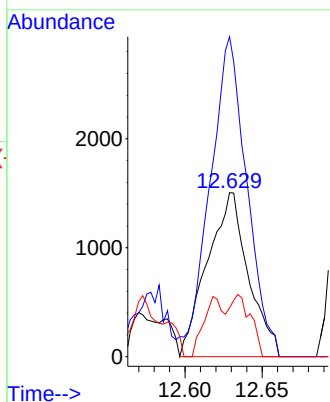
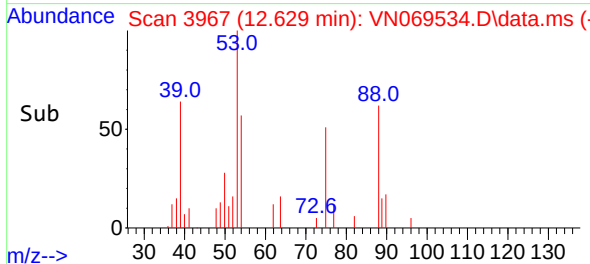
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



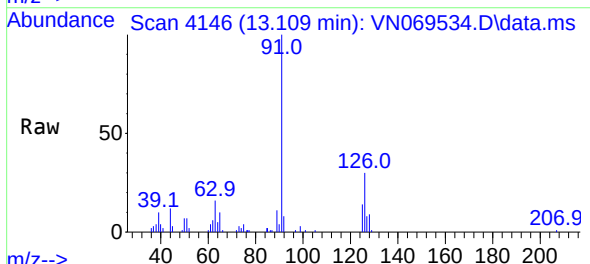
Tgt Ion: 75 Resp: 277
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 0.0 38.2 57.4

Manual Integrations
APPROVED

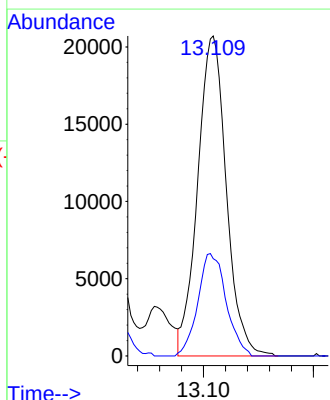
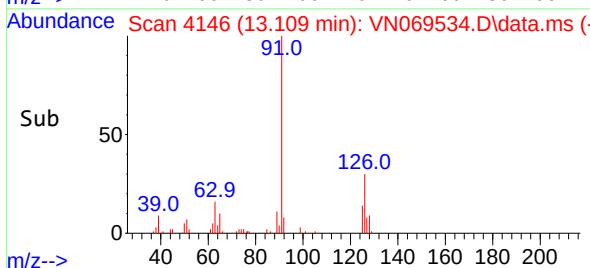
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

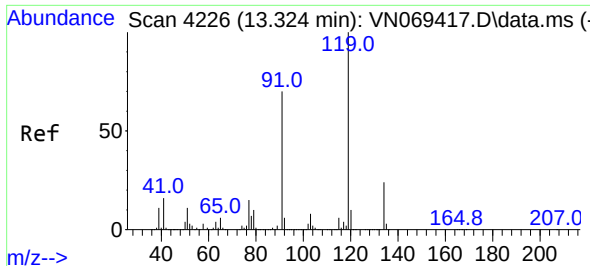


#82
4-Chlorotoluene
Concen: 1.385 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02



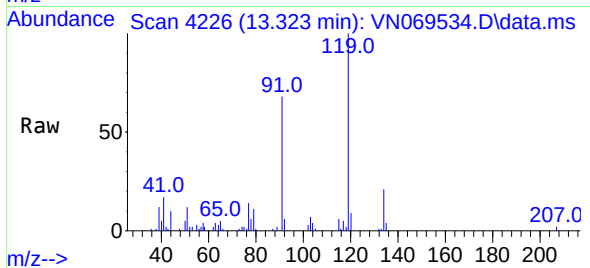
Tgt Ion: 91 Resp: 37464
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 1.340 ug/l
RT: 13.323 min Scan# 41
Delta R.T. -0.001 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

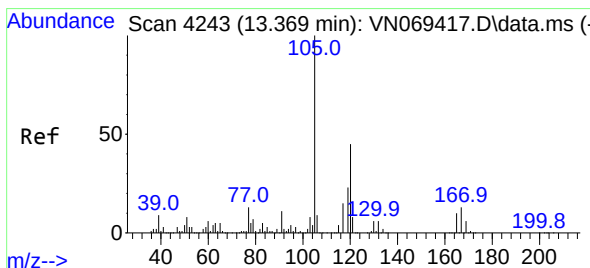
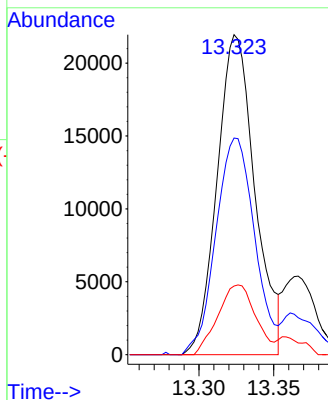
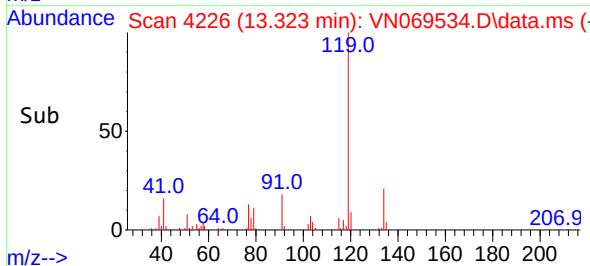
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



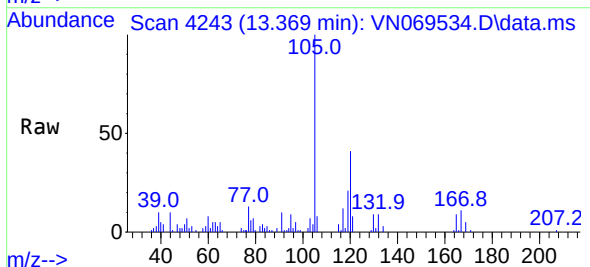
Tgt Ion:119 Resp: 3864
Ion Ratio Lower Upper
119 100
91 69.5 31.5 94.5
134 21.9 12.4 37.4

Manual Integrations
APPROVED

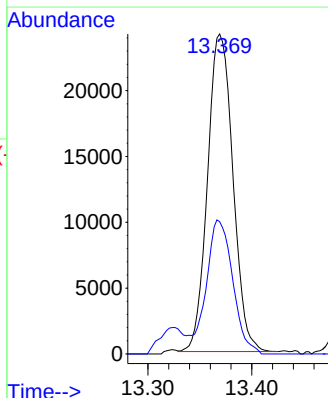
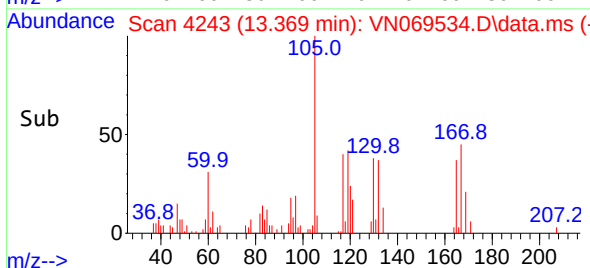
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

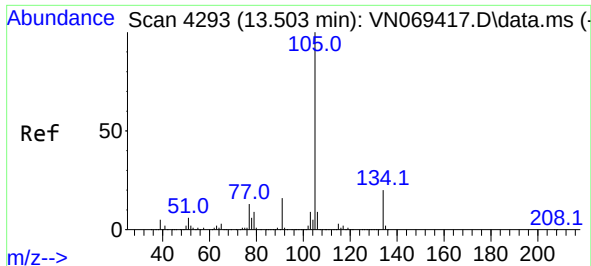


#84
1,2,4-Trimethylbenzene
Concen: 1.293 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02



Tgt Ion:105 Resp: 41088
Ion Ratio Lower Upper
105 100
120 43.3 22.8 68.4





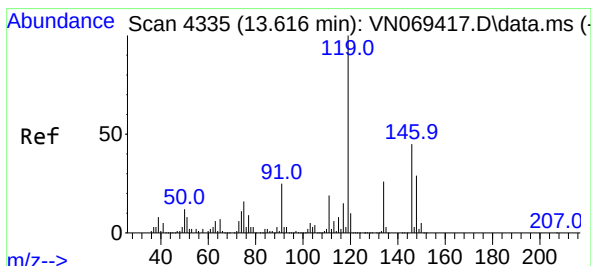
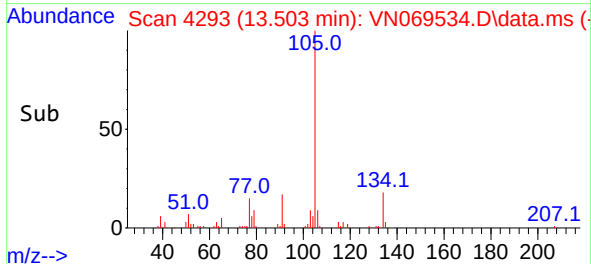
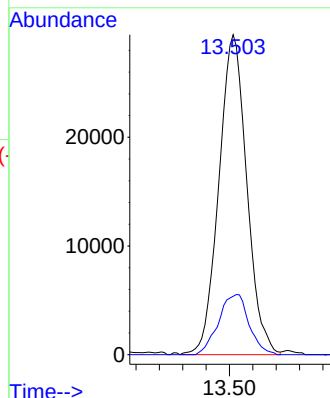
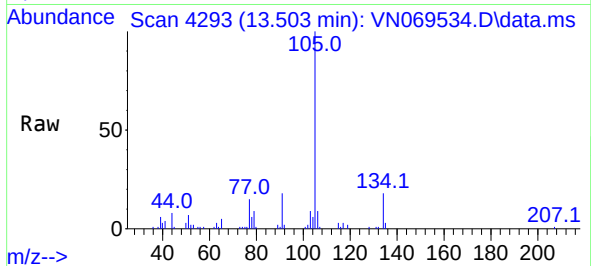
#85
 sec-Butylbenzene
 Concen: 1.212 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069534.D
 Acq: 17 Nov 2021 17:02

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

Tgt Ion:105 Resp: 48825
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1

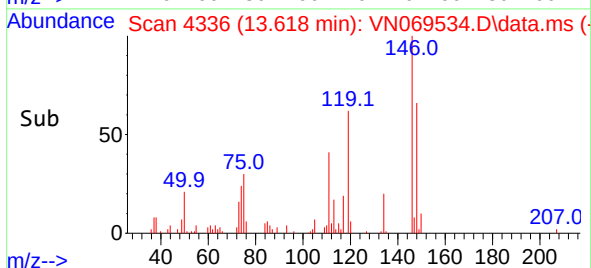
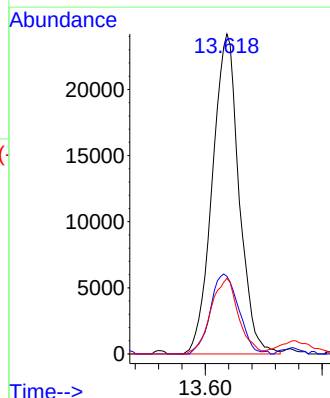
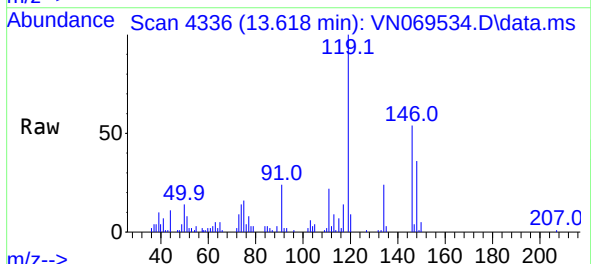
Manual Integrations
 APPROVED

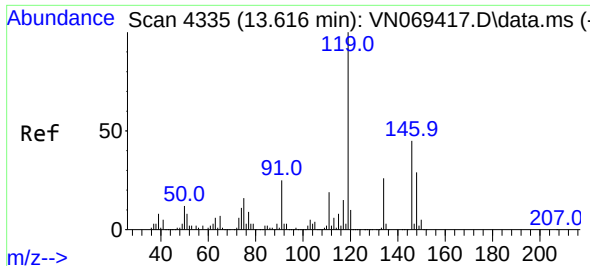
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 1.200 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.002 min
 Lab File: VN069534.D
 Acq: 17 Nov 2021 17:02

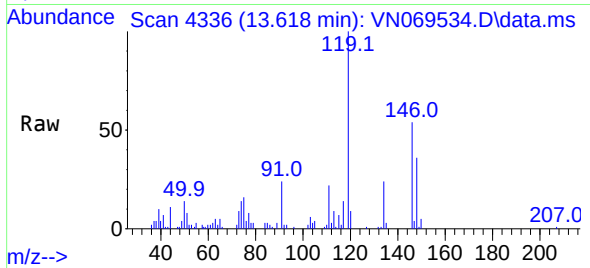
Tgt Ion:119 Resp: 38387
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.7
 91 24.6 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 1.447 ug/l
RT: 13.618 min Scan# 4335
Delta R.T. 0.002 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

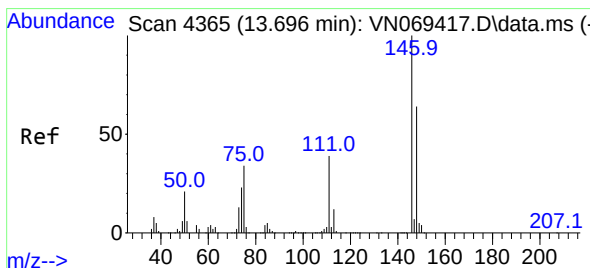
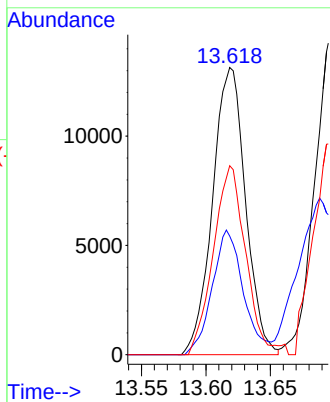
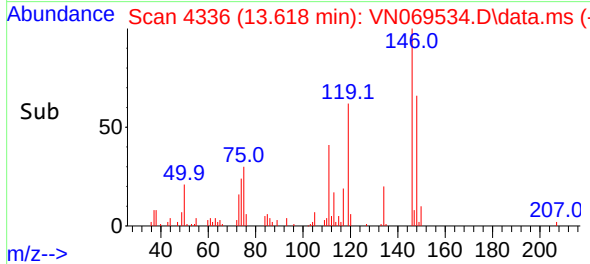
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



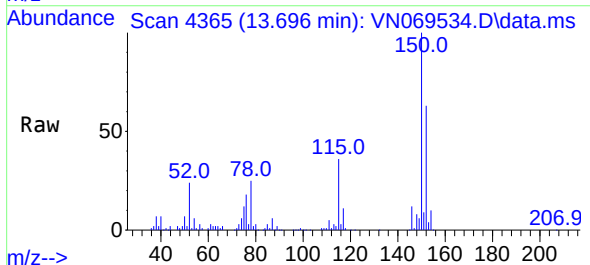
Tgt Ion:146 Resp: 2336
Ion Ratio Lower Upper
146 100
111 41.3 18.6 55.6
148 64.3 31.6 95.0

Manual Integrations
APPROVED

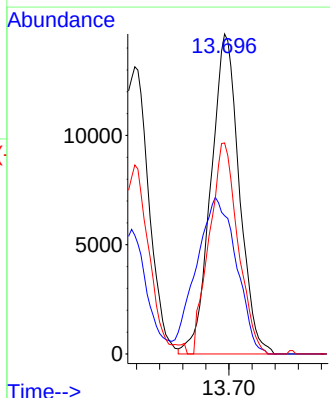
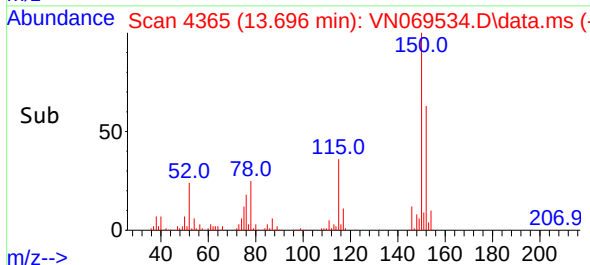
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

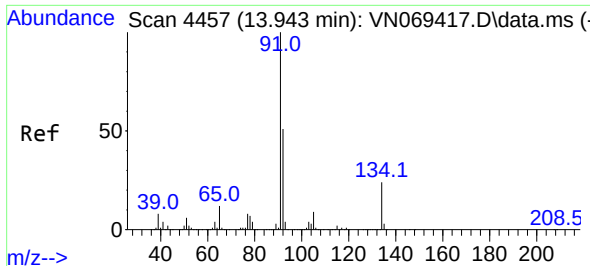


#88
1,4-Dichlorobenzene
Concen: 1.576 ug/l m
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02



Tgt Ion:146 Resp: 24960
Ion Ratio Lower Upper
146 100
111 38.6 18.3 54.8
148 60.2 31.8 95.4





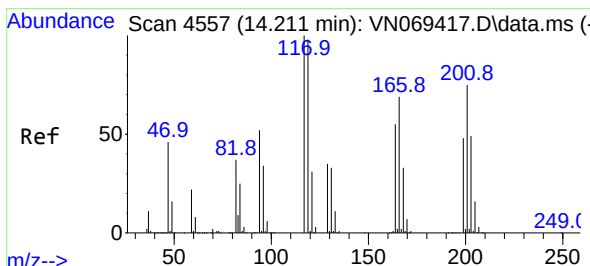
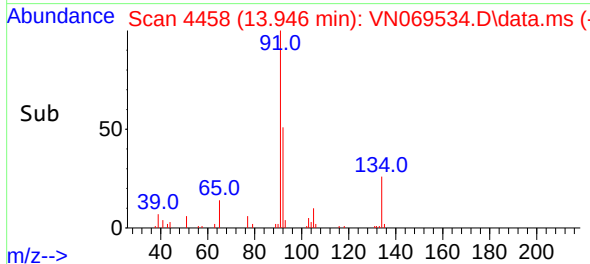
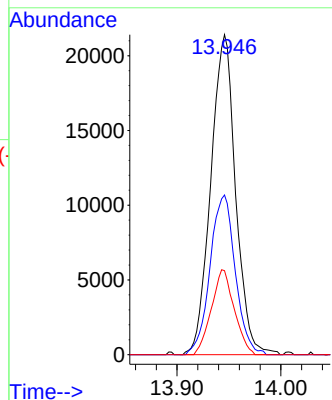
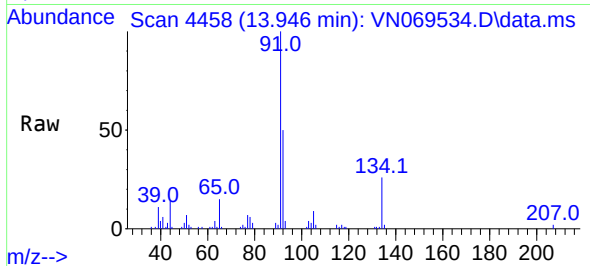
#89
n-Butylbenzene
Concen: 1.334 ug/l
RT: 13.946 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

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

Tgt Ion: 91 Resp: 3557
Ion Ratio Lower Upper
91 100
92 50.7 25.4 76.0
134 24.4 13.6 40.8

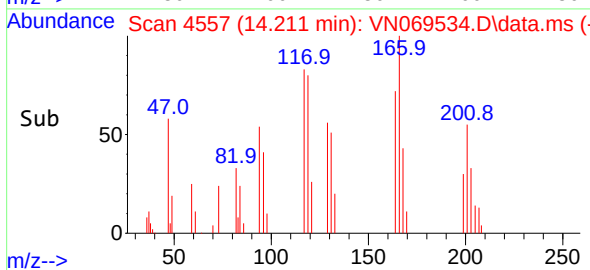
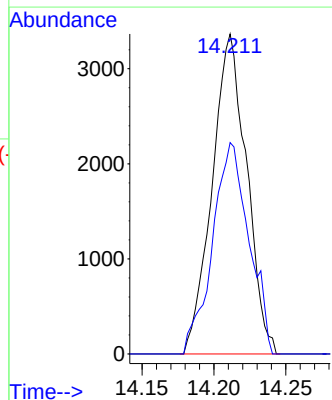
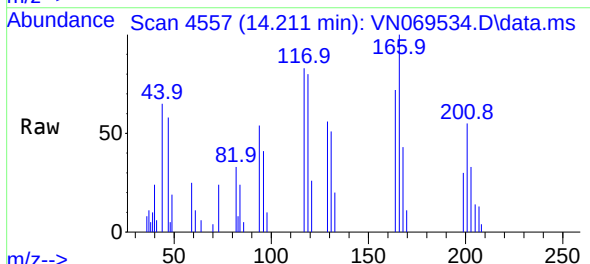
Manual Integrations
APPROVED

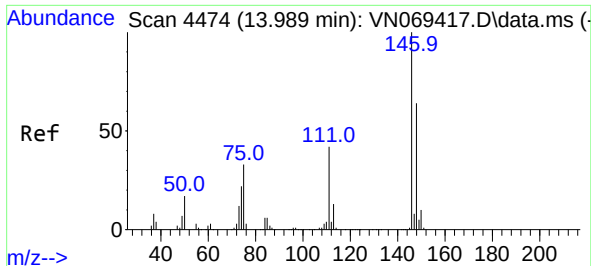
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 1.071 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

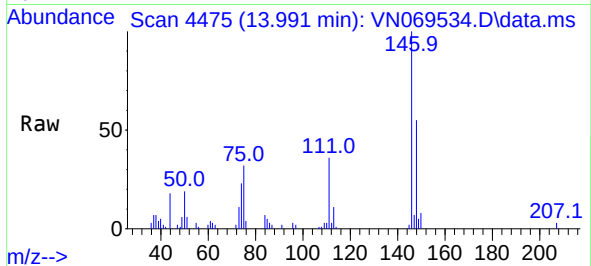
Tgt Ion:117 Resp: 5616
Ion Ratio Lower Upper
117 100
201 69.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 1.622 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.002 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

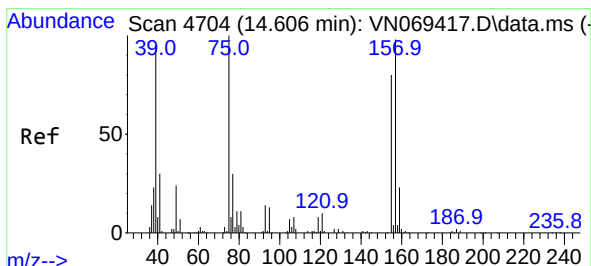
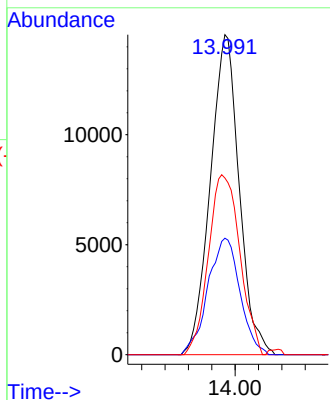
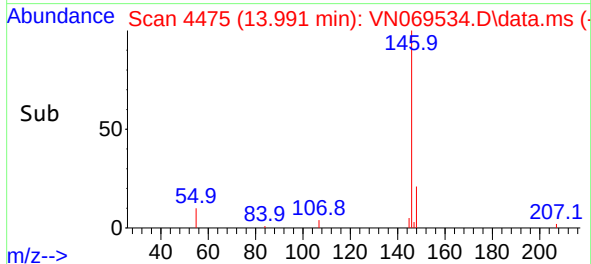
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:146 Resp: 2491
Ion Ratio Lower Upper
146 100
111 40.5 19.1 57.3
148 61.5 32.1 96.3

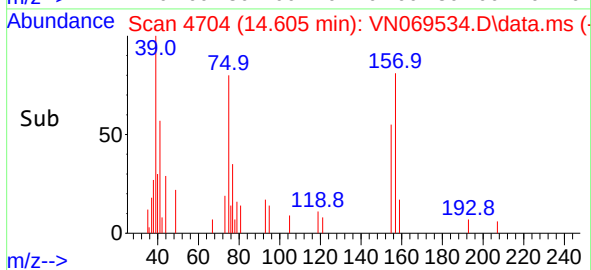
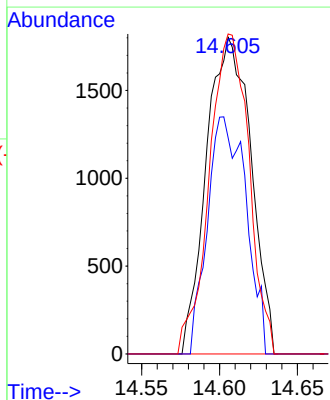
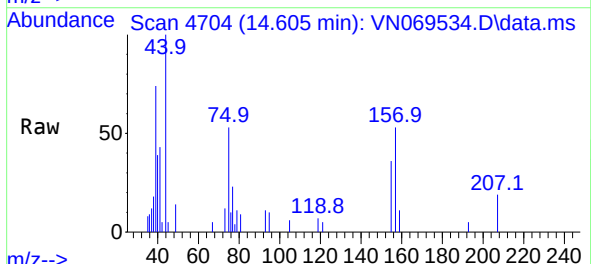
Manual Integrations
APPROVED

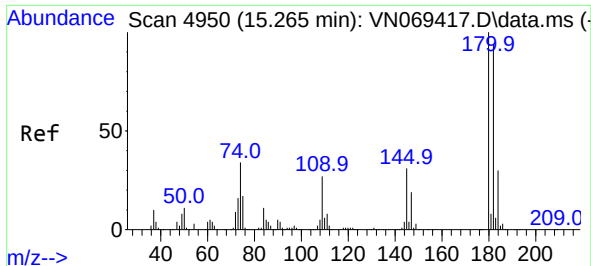
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.614 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.001 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

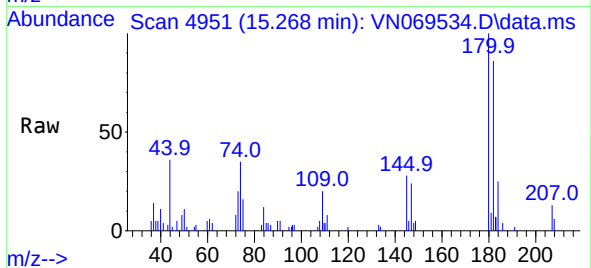
Tgt Ion: 75 Resp: 3581
Ion Ratio Lower Upper
75 100
155 64.8 46.9 140.7
157 90.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 1.971 ug/l
RT: 15.268 min Scan# 4950
Delta R.T. 0.003 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

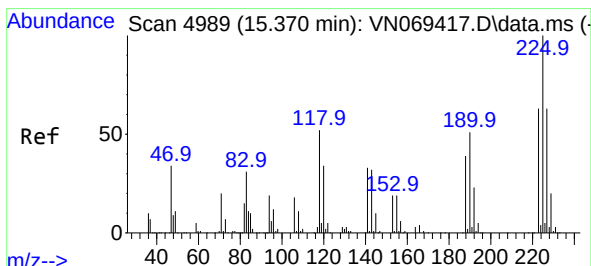
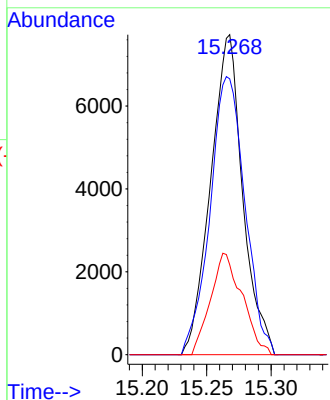
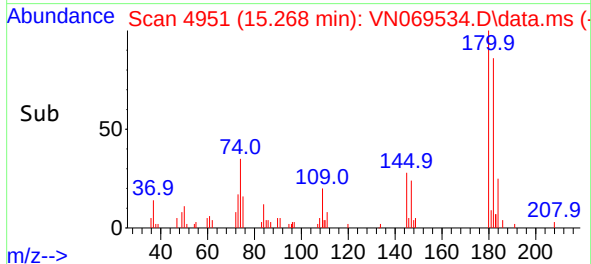
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2021



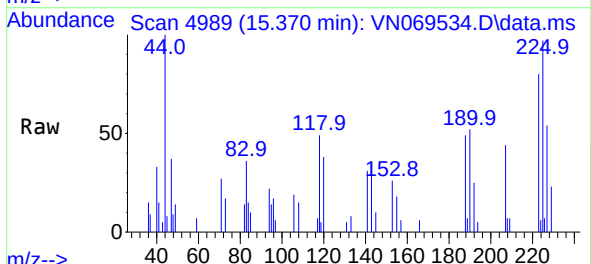
Tgt Ion:180 Resp: 1334
Ion Ratio Lower Upper
180 100
182 94.4 48.3 144.9
145 31.3 14.5 43.5

Manual Integrations
APPROVED

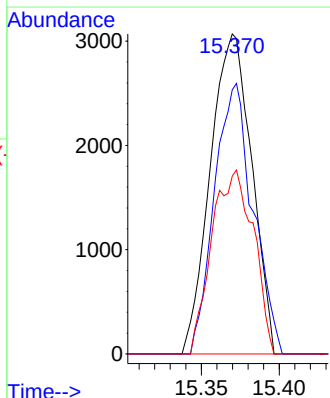
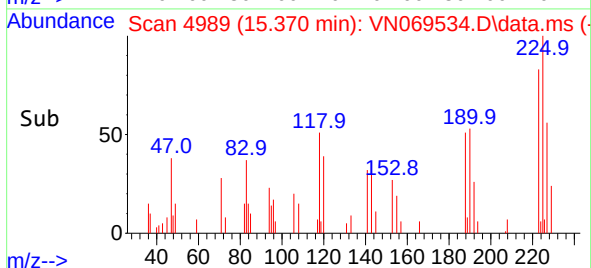
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

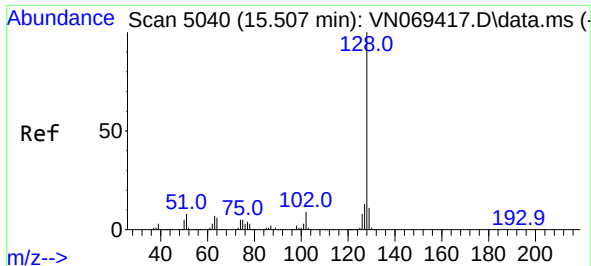


#94
Hexachlorobutadiene
Concen: 1.420 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02



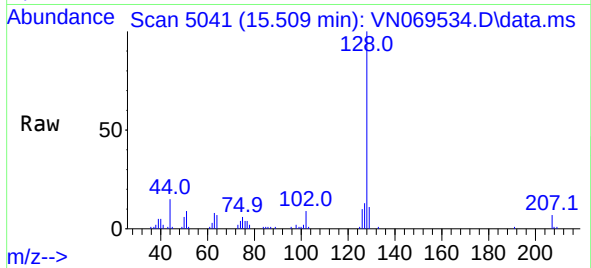
Tgt Ion:225 Resp: 5669
Ion Ratio Lower Upper
225 100
223 78.9 31.9 95.7
227 57.8 32.1 96.3





#95
Naphthalene
Concen: 2.456 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02

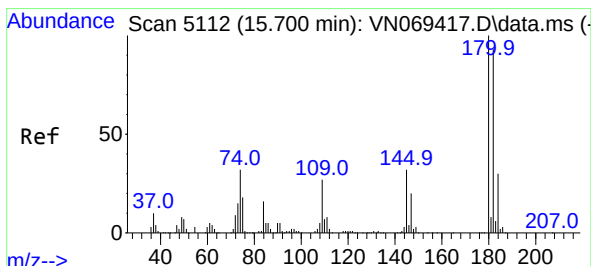
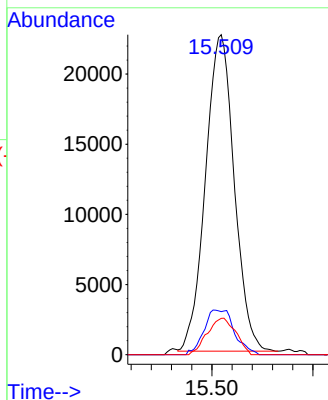
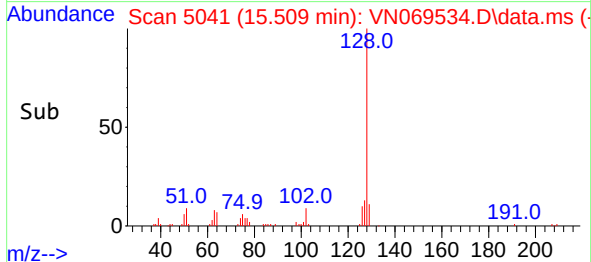
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021



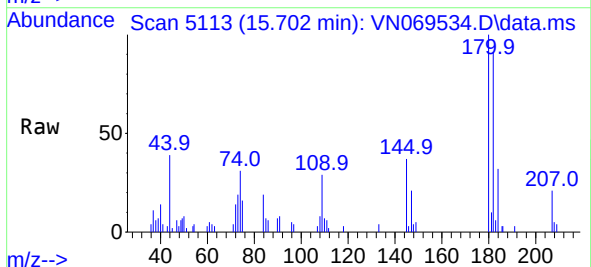
Tgt Ion:128 Resp: 44572
Ion Ratio Lower Upper
128 100
127 14.9 10.5 15.7
129 11.4 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 2.362 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN069534.D
Acq: 17 Nov 2021 17:02



Tgt Ion:180 Resp: 15313
Ion Ratio Lower Upper
180 100
182 90.9 47.4 142.2
145 34.5 15.0 45.1

