

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101424\
 Data File : VN084408.D
 Acq On : 14 Oct 2024 12:22
 Operator : JC\MD
 Sample : P4368-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/15/2024
 Supervised By : Mahesh Dadoda 10/15/2024

Quant Time: Oct 15 01:33:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	32736	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	168823	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	157182	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	77694	29.479	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	98.267%	
60) 4-Bromofluorobenzene	12.847	95	74922	28.881	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	96.267%	
63) Toluene-d8	10.565	98	221810	30.461	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	101.533%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	9752	4.879	ug/l	99
3) Chloromethane	2.360	50	10974	4.825	ug/l	99
4) Vinyl Chloride	2.512	62	11070	4.963	ug/l	91
5) Bromomethane	2.959	94	7465	5.052	ug/l #	80
6) Chloroethane	3.124	64	7544	5.159	ug/l	98
7) Trichlorofluoromethane	3.495	101	17753	4.886	ug/l	97
8) Diethyl Ether	3.959	74	5485	4.106	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	10775m	5.275	ug/l	
10) 1,1-Dichloroethene	4.342	96	9259	4.542	ug/l	90
11) Methyl Iodide	4.589	142	11805	4.407	ug/l	98
12) Methyl Acetate	5.030	43	10910	4.275	ug/l	98
13) Acrolein	4.183	56	8948m	18.877	ug/l	
14) Acrylonitrile	5.724	53	24155	21.070	ug/l	98
15) Acetone	4.436	58	7617	23.259	ug/l	98
16) Carbon Disulfide	4.706	76	27874	4.592	ug/l #	90
17) Allyl chloride	5.024	41	14126	4.275	ug/l	92
18) Methylene Chloride	5.271	84	10776	4.693	ug/l	86
19) trans-1,2-Dichloroethene	5.783	96	10028	4.649	ug/l	84
20) Diisopropyl ether	6.671	45	30322	4.268	ug/l	99
21) 1,1-Dichloroethane	6.565	63	20165	4.947	ug/l #	90
22) cis-1,2-Dichloroethene	7.489	96	11772	4.690	ug/l	94
23) tert-Butyl Alcohol	5.506	59	8397m	19.095	ug/l	
24) Methyl tert-Butyl Ether	5.789	73	29257m	4.295	ug/l	
25) Chloroform	7.965	83	20329	4.924	ug/l	96
26) Cyclohexane	8.259	56	13693	4.016	ug/l #	91
29) 1,1-Dichloropropene	8.371	75	12649	4.564	ug/l	98
30) 2-Butanone	7.489	43	33988	23.034	ug/l #	96
31) 2,2-Dichloropropane	7.489	77	17009	5.223	ug/l #	81
32) 1,1,1-Trichloroethane	8.165	97	18634	5.260	ug/l	99
33) Carbon Tetrachloride	8.359	117	15123	4.928	ug/l	92
34) Benzene	8.600	78	43375	5.000	ug/l #	88
35) Methacrylonitrile	7.783	41	7209	4.580	ug/l	92
36) 1,2-Dichloroethane	8.677	62	15427m	5.335	ug/l	
37) Trichloroethene	9.353	130	10286	5.149	ug/l	93
38) Methylcyclohexane	9.600	83	12921	4.245	ug/l	95
39) 1,2-Dichloropropane	9.618	63	10602	5.012	ug/l	100
40) Dibromomethane	9.706	93	7582	5.128	ug/l	97
41) Bromodichloromethane	9.883	83	15565	4.959	ug/l #	99
42) Vinyl Acetate	6.606	43	103223	20.115	ug/l	100

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 LOQ-WATER-02-QT4-2024

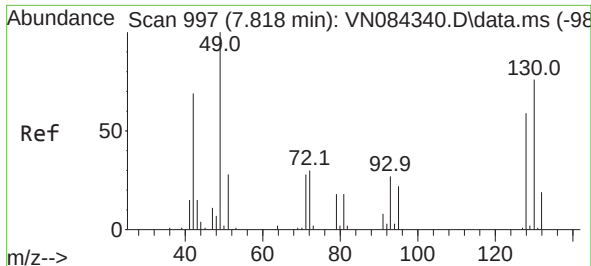
Quant Time: Oct 15 01:33:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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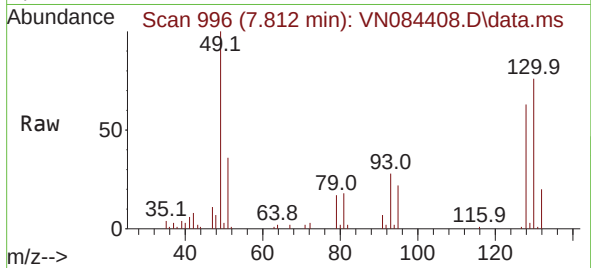
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	13385	4.600	ug/l	100
44) Isopropyl Acetate	8.689	43	21426	4.498	ug/l	98
45) 1,4-Dioxane	9.694	88	3704	86.267	ug/l	95
46) Methyl methacrylate	9.677	41	8675	3.770	ug/l	88
47) n-amyl Acetate	12.494	43	16285	3.844	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	14558	4.488	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	15653	4.605	ug/l #	94
50) 1,1,2-Trichloroethane	11.012	97	10293	5.179	ug/l	96
51) Ethyl methacrylate	10.871	69	12525	3.816	ug/l	88
52) 1,3-Dichloropropane	11.165	76	16833	4.844	ug/l	98
53) Dibromochloromethane	11.359	129	11757	5.008	ug/l	97
54) 1,2-Dibromoethane	11.471	107	10232	5.002	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	29271	19.661	ug/l	98
56) Bromoform	12.577	173	7396	4.750	ug/l #	98
58) 4-Methyl-2-Pentanone	10.447	43	60018	20.498	ug/l	98
59) 2-Hexanone	11.194	43	44695	20.542	ug/l	97
61) Tetrachloroethene	11.106	164	8642	4.861	ug/l	94
62) Toluene	10.630	91	45878	4.986	ug/l	98
64) Chlorobenzene	11.888	112	28799	5.029	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	9778	4.915	ug/l	98
66) Ethyl Benzene	11.965	91	42566	4.258	ug/l	100
67) m/p-Xylenes	12.071	106	33310	8.783	ug/l	96
68) o-Xylene	12.394	106	15662	4.284	ug/l	97
69) Styrene	12.412	104	25167	4.011	ug/l	99
70) Isopropylbenzene	12.694	105	40683	4.359	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	14170	4.908	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	14270m	5.772	ug/l	
73) Bromobenzene	12.982	156	10527	4.658	ug/l	96
74) n-propylbenzene	13.035	91	46666	4.196	ug/l	97
75) 2-Chlorotoluene	13.124	91	30943	4.478	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	33148	4.219	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	4154	3.932	ug/l	97
78) 4-Chlorotoluene	13.218	91	31832	4.531	ug/l	99
79) tert-butylbenzene	13.435	119	28778	4.293	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	32042	4.019	ug/l	98
81) sec-Butylbenzene	13.618	105	38788	4.203	ug/l	100
82) p-Isopropyltoluene	13.729	119	30421	3.916	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	19482	4.636	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	18666	4.473	ug/l	96
85) n-Butylbenzene	14.053	91	25970	3.860	ug/l	99
86) Hexachloroethane	14.335	117	7603	5.080	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	18226	4.486	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.718	75	2509	4.250	ug/l	99
89) 1,2,4-Trichlorobenzene	15.835	180	8238	3.900	ug/l	97
90) Hexachlorobutadiene	15.500	225	4501	4.605	ug/l	98
91) Naphthalene	15.641	128	20736	2.897	ug/l #	94
92) 1,2,3-Trichlorobenzene	15.835	180	8238	3.900	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

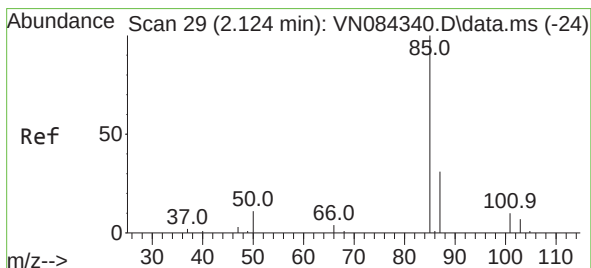
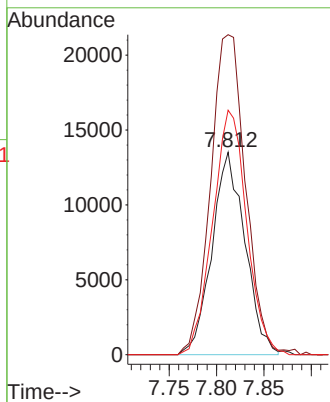
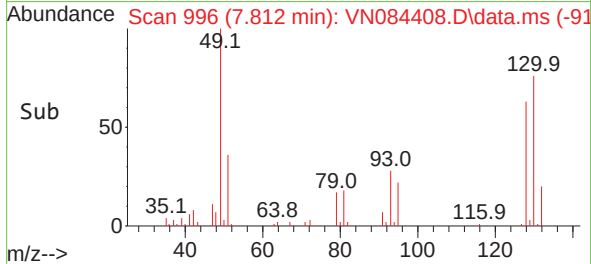
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:128 Resp: 32730
Ion Ratio Lower Upper
128 100
49 167.5 0.0 430.0
130 124.6 0.0 329.8

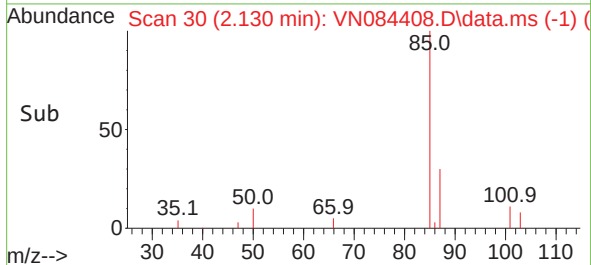
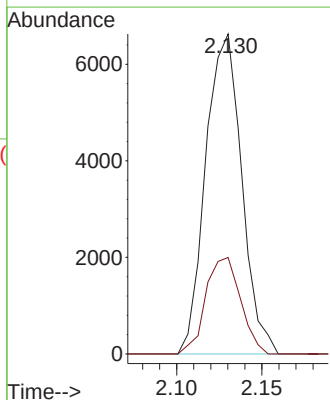
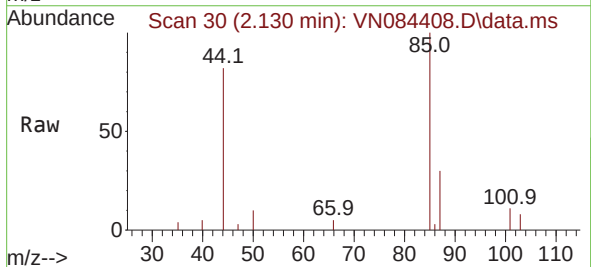
Manual Integrations
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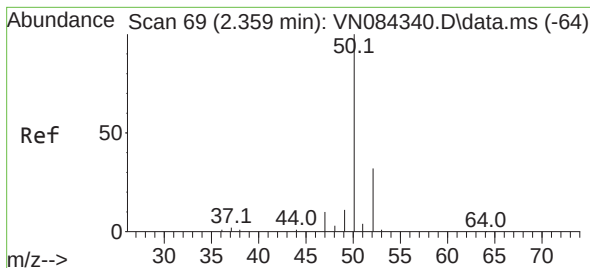
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#2
Dichlorodifluoromethane
Concen: 4.879 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

Tgt Ion: 85 Resp: 9752
Ion Ratio Lower Upper
85 100
87 30.2 15.4 46.4





#3

Chloromethane

Concen: 4.825 ug/l

RT: 2.360 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN084408.D

Acq: 14 Oct 2024 12:22

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 50 Resp: 10974

Ion Ratio Lower Upper

50 100

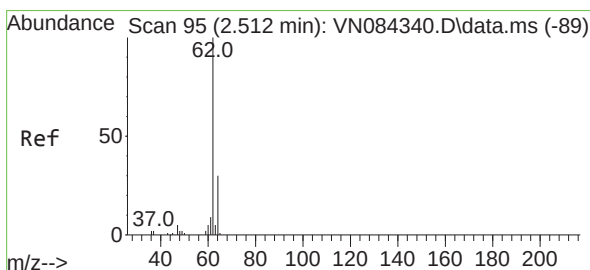
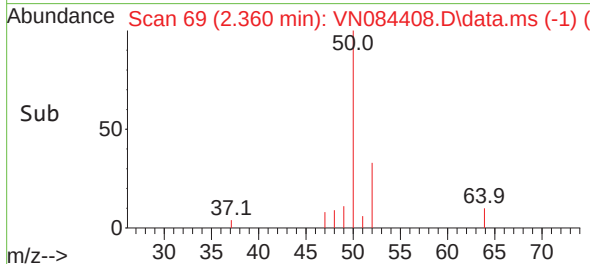
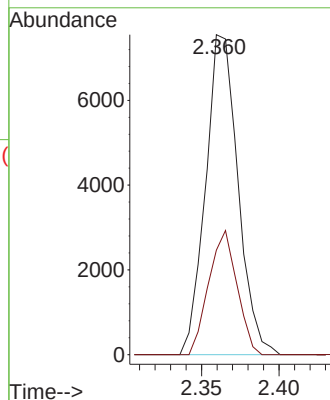
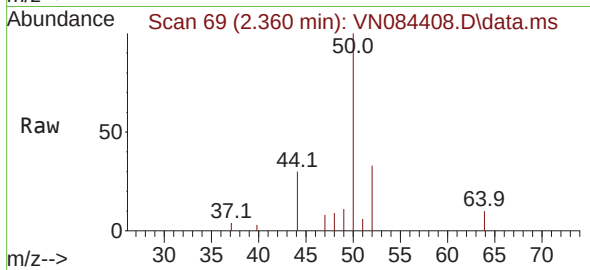
52 32.6 25.8 38.6

Manual Integrations

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Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#4

Vinyl Chloride

Concen: 4.963 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN084408.D

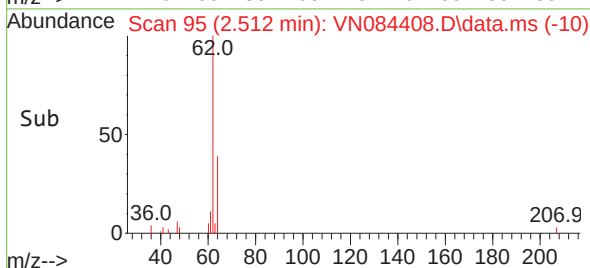
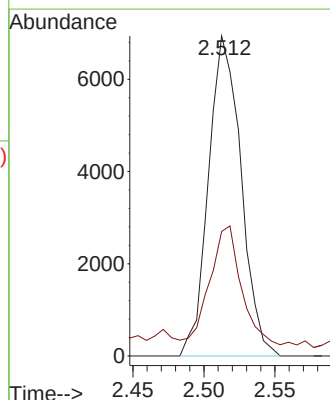
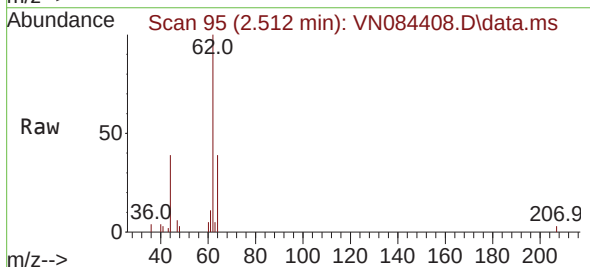
Acq: 14 Oct 2024 12:22

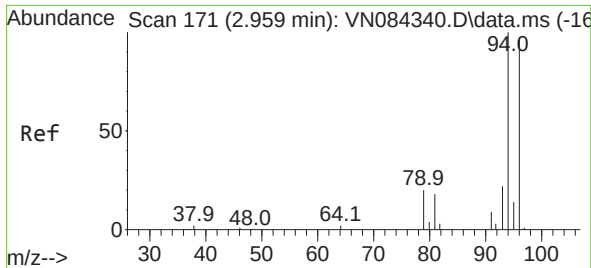
Tgt Ion: 62 Resp: 11070

Ion Ratio Lower Upper

62 100

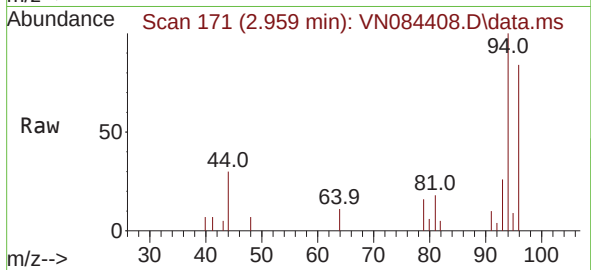
64 35.4 24.3 36.5





#5
Bromomethane
Concen: 5.052 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

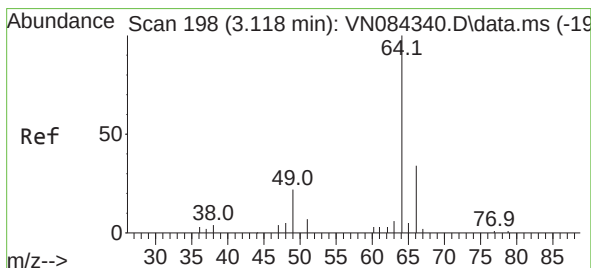
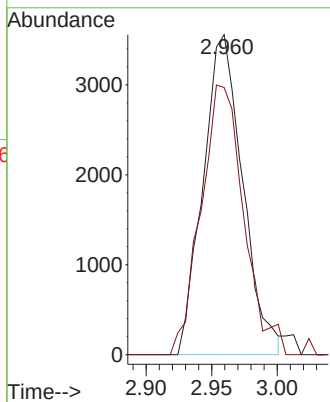
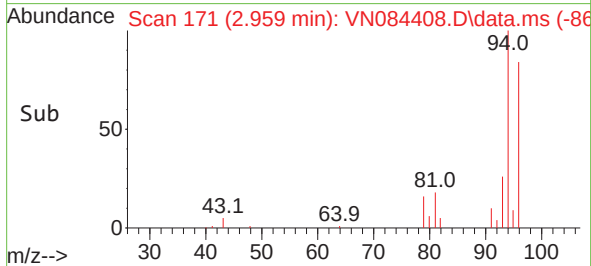
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



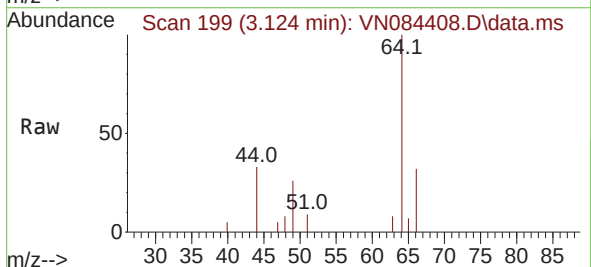
Tgt Ion: 94 Resp: 746
Ion Ratio Lower Upper
94 100
96 76.6 76.7 115.1

Manual Integrations
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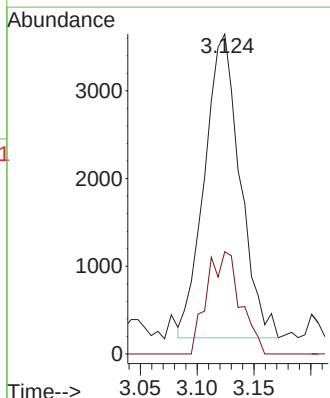
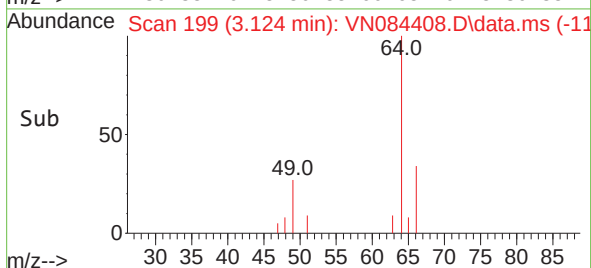
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

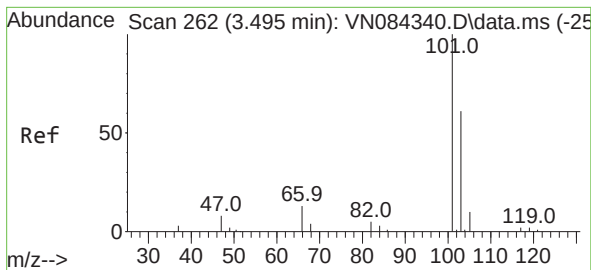


#6
Chloroethane
Concen: 5.159 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22



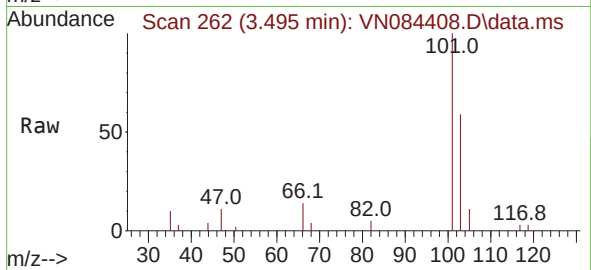
Tgt Ion: 64 Resp: 7544
Ion Ratio Lower Upper
64 100
66 33.7 27.7 41.5





#7
Trichlorofluoromethane
Concen: 4.886 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

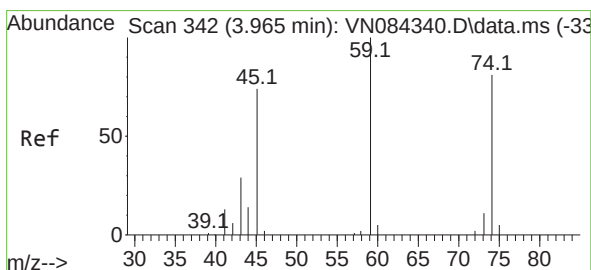
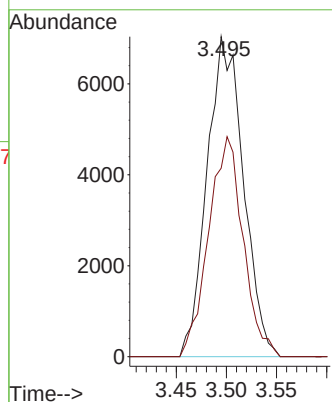
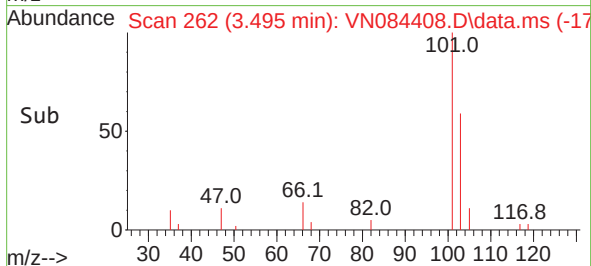
Instrument : MSVOA_N
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Tgt Ion:101 Resp: 1775
Ion Ratio Lower Upper
101 100
103 58.9 49.0 73.6

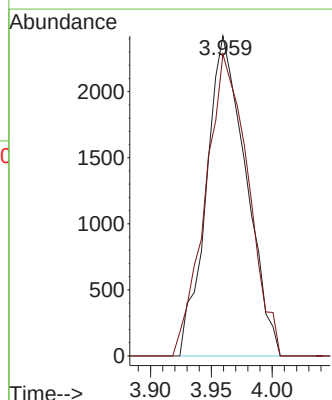
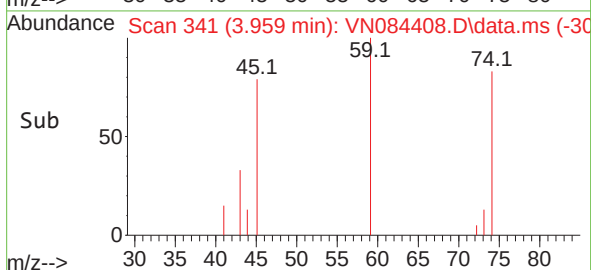
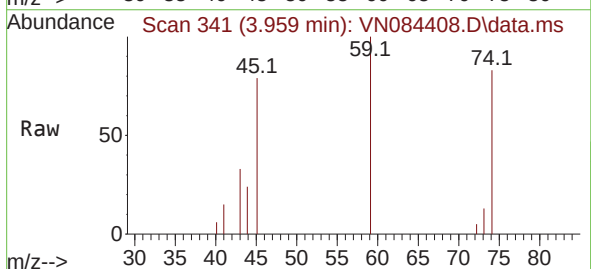
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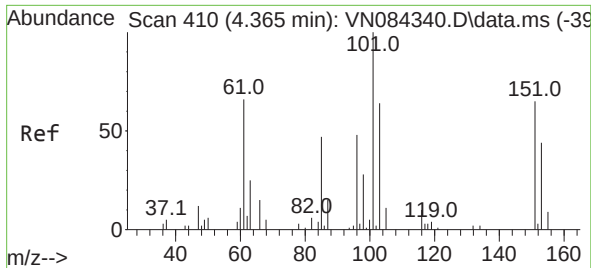
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#8
Diethyl Ether
Concen: 4.106 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

Tgt Ion: 74 Resp: 5485
Ion Ratio Lower Upper
74 100
45 101.7 19.2 173.2





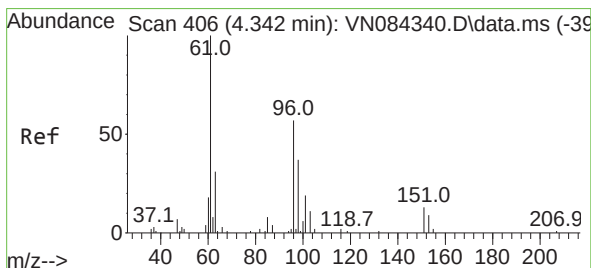
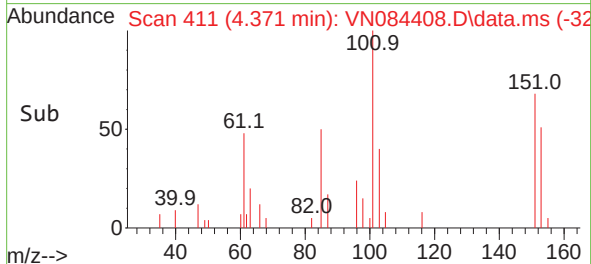
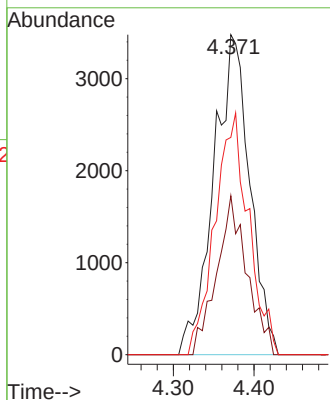
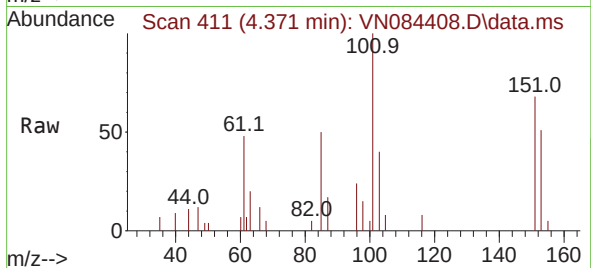
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1,1,2-Trichlorotrifluoroethane
Concen: 5.275 ug/l m
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084408.D
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Instrument :
MSVOA_N
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LOQ-WATER-02-QT4-2024

Tgt Ion:101 Resp: 10775
Ion Ratio Lower Upper
101 100
85 41.9 0.0 93.6
151 68.6 0.0 151.8

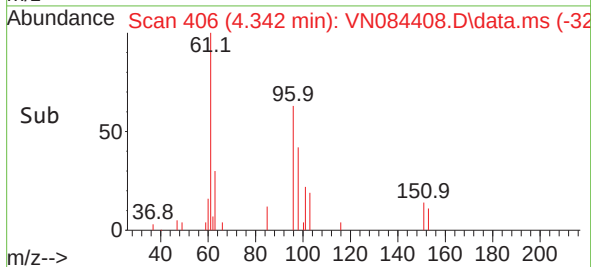
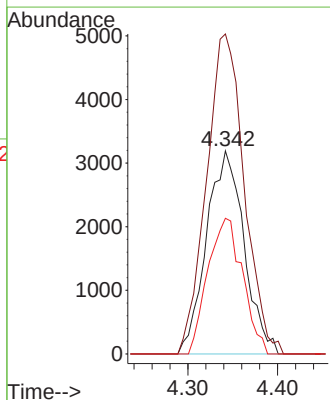
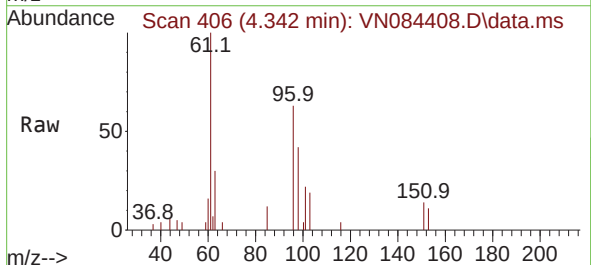
Manual Integrations
APPROVED

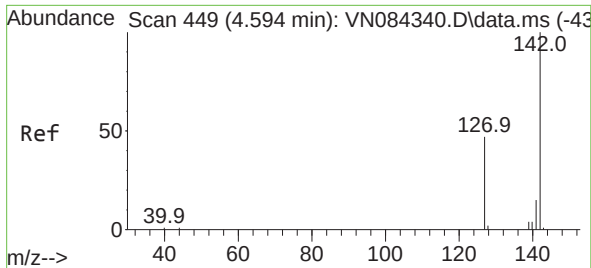
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#10
1,1-Dichloroethene
Concen: 4.542 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

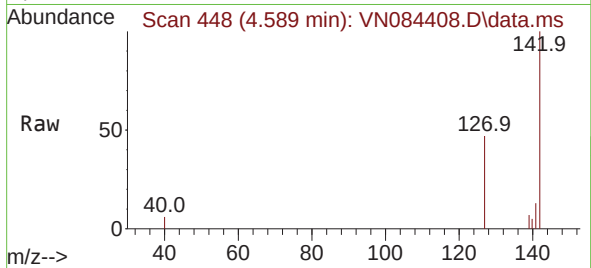
Tgt Ion: 96 Resp: 9259
Ion Ratio Lower Upper
96 100
61 157.6 140.8 211.2
98 66.9 52.2 78.2





#11
Methyl Iodide
Concen: 4.407 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

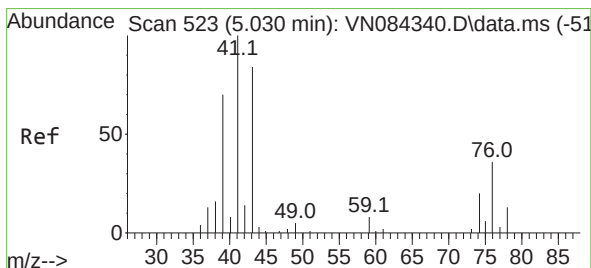
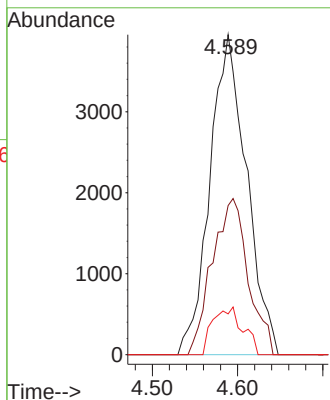
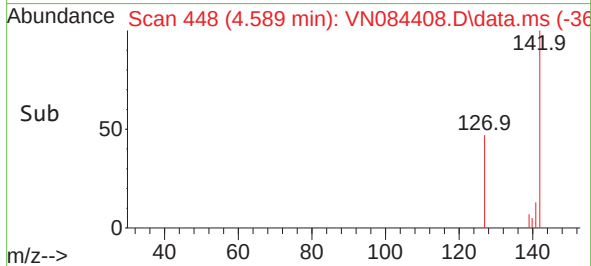
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:142 Resp: 1180
Ion Ratio Lower Upper
142 100
127 46.6 23.8 71.4
141 12.7 7.4 22.2

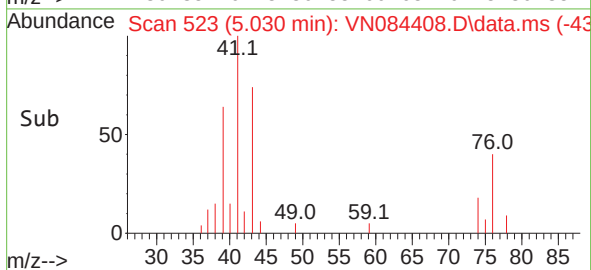
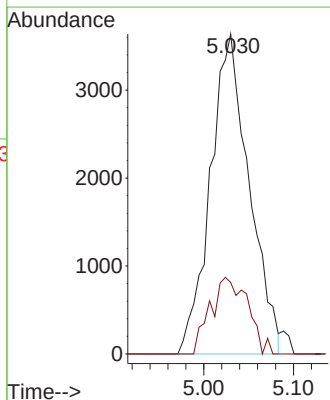
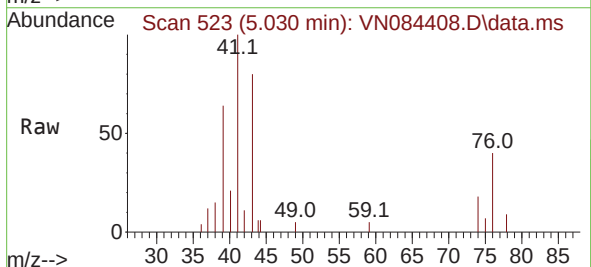
Manual Integrations
APPROVED

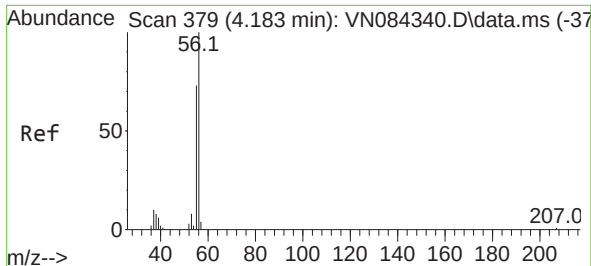
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#12
Methyl Acetate
Concen: 4.275 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

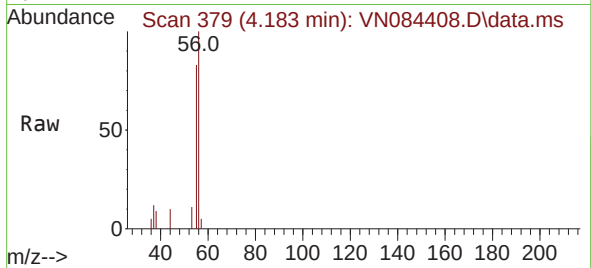
Tgt Ion: 43 Resp: 10910
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2





#13
Acrolein
Concen: 18.877 ug/l m
RT: 4.183 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

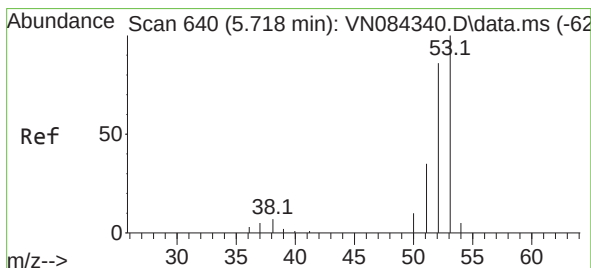
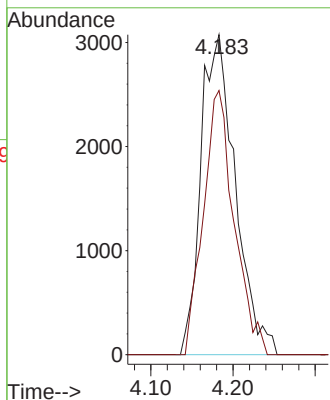
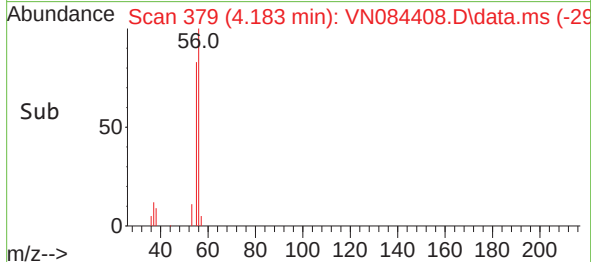
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 56 Resp: 894
Ion Ratio Lower Upper
56 100
55 72.1 56.4 84.6

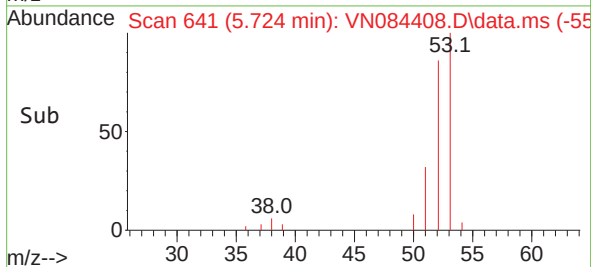
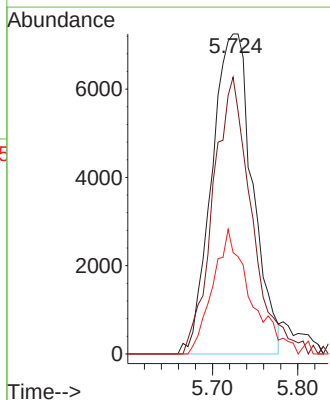
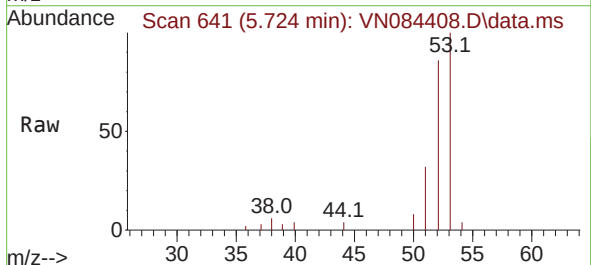
Manual Integrations
APPROVED

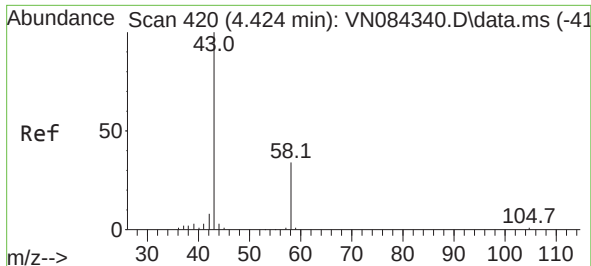
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#14
Acrylonitrile
Concen: 21.070 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

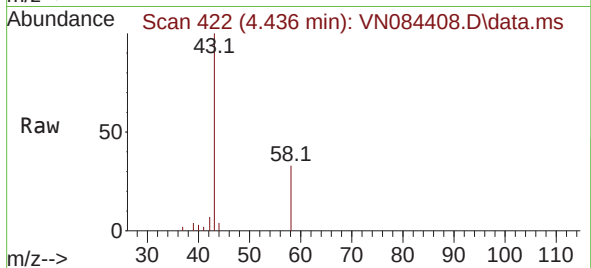
Tgt Ion: 53 Resp: 24155
Ion Ratio Lower Upper
53 100
52 81.2 40.4 121.2
51 32.0 17.8 53.4





#15
Acetone
Concen: 23.259 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

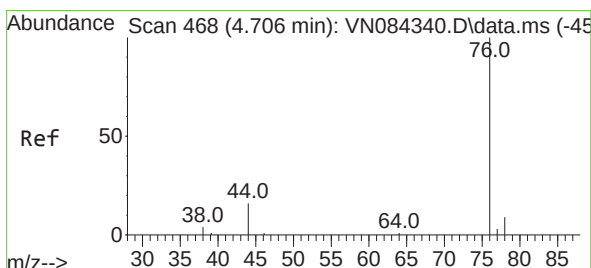
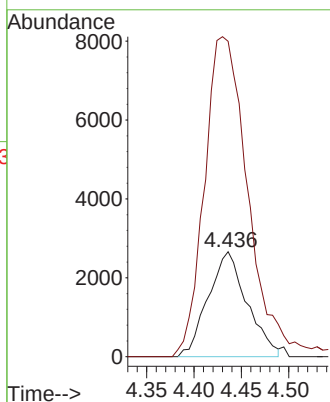
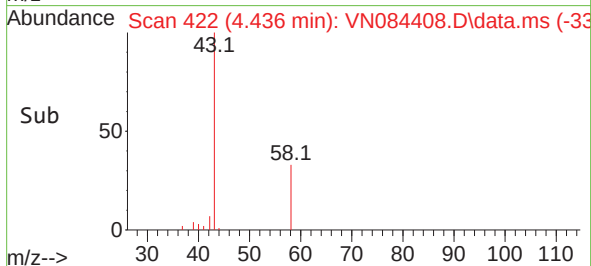
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 58 Resp: 761
Ion Ratio Lower Upper
58 100
43 293.8 237.5 356.3

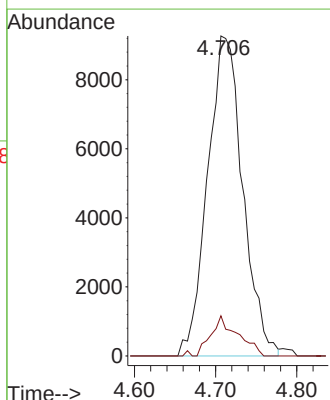
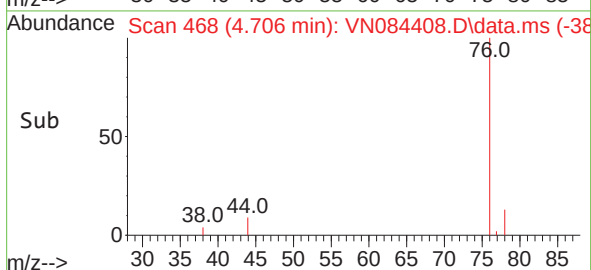
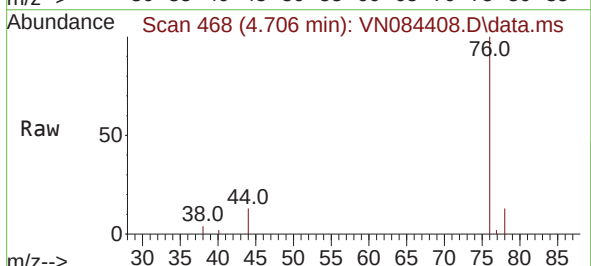
Manual Integrations
APPROVED

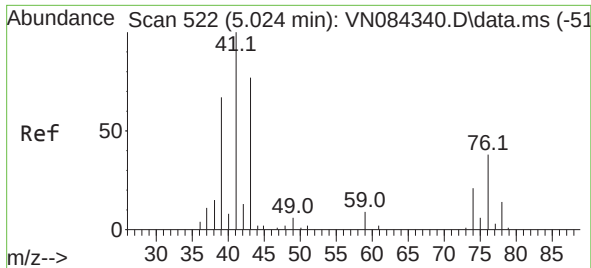
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#16
Carbon Disulfide
Concen: 4.592 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

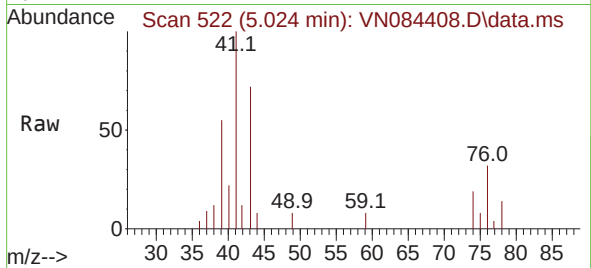
Tgt Ion: 76 Resp: 27874
Ion Ratio Lower Upper
76 100
78 12.6 7.1 10.7#





#17
 Allyl chloride
 Concen: 4.275 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN084408.D
 Acq: 14 Oct 2024 12:22

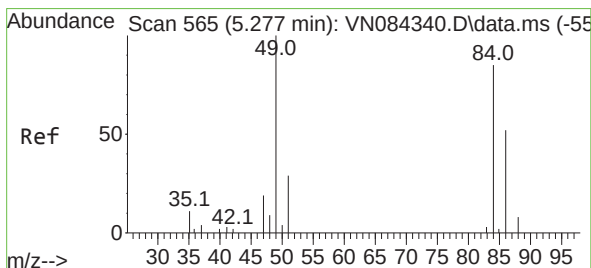
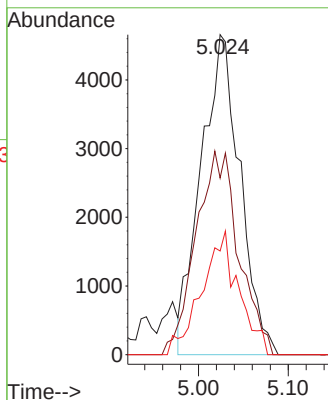
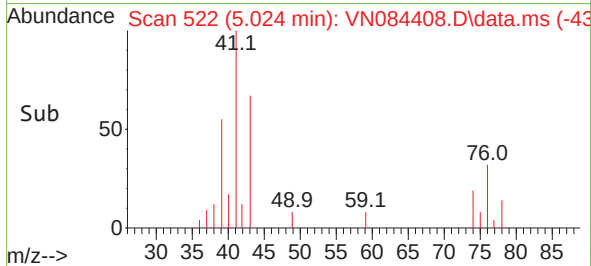
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion: 41	Resp: 1412
Ion Ratio	Lower Upper
41	100
39	55.2 31.4 94.3
76	32.4 17.8 53.5

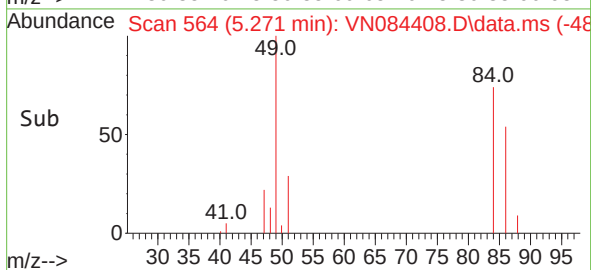
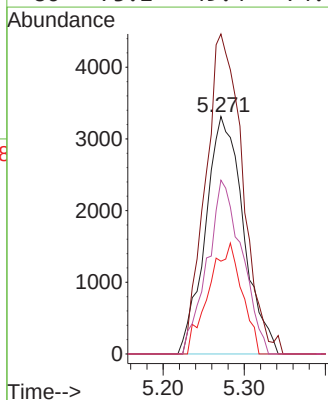
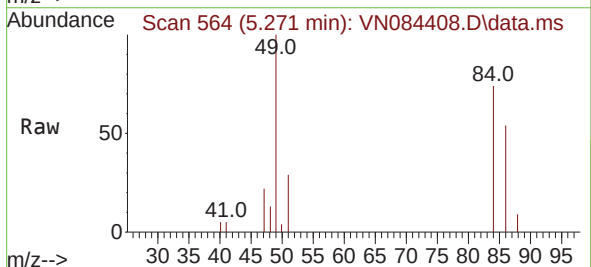
Manual Integrations
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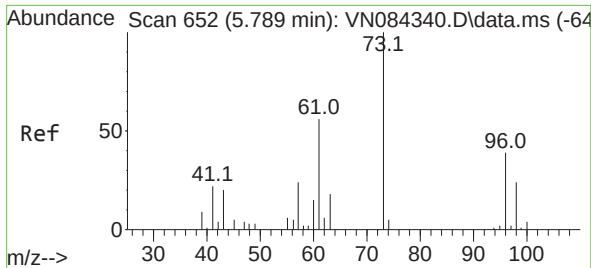
Reviewed By :John Carlone 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#18
 Methylene Chloride
 Concen: 4.693 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN084408.D
 Acq: 14 Oct 2024 12:22

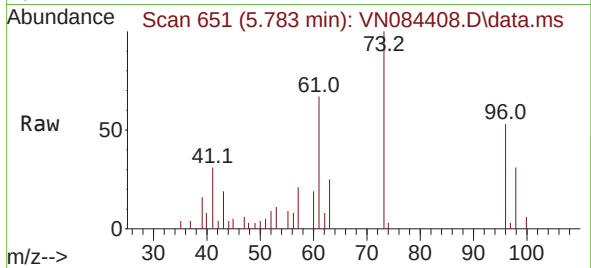
Tgt Ion: 84	Resp: 10776
Ion Ratio	Lower Upper
84	100
49	134.7 94.6 142.0
51	39.1 27.3 40.9
86	73.2 49.4 74.0





#19
trans-1,2-Dichloroethene
Concen: 4.649 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

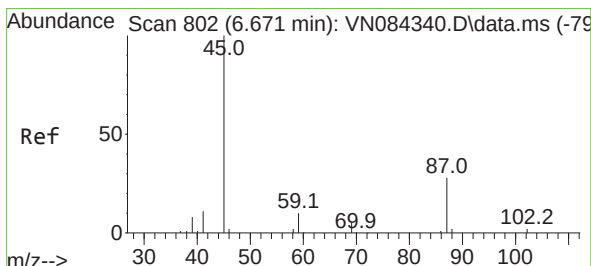
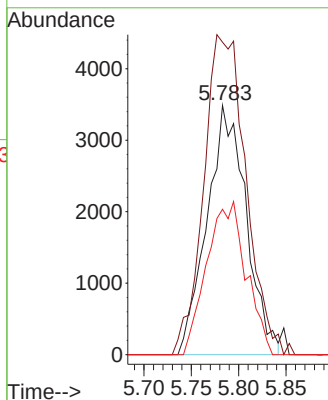
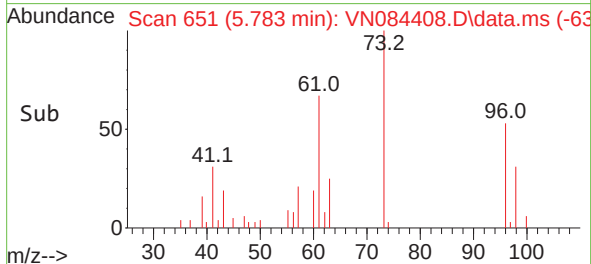
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 96 Resp: 10028
Ion Ratio Lower Upper
96 100
61 119.4 115.8 173.6
98 58.3 49.4 74.0

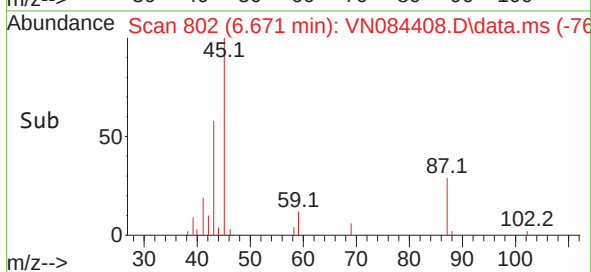
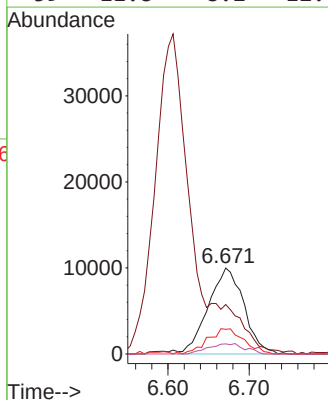
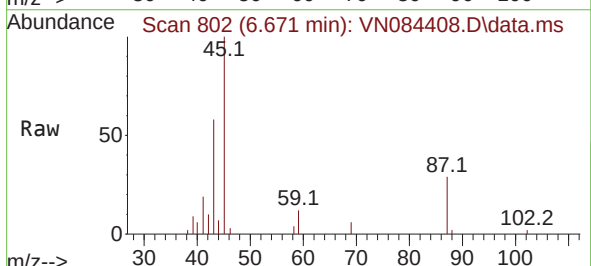
Manual Integrations
APPROVED

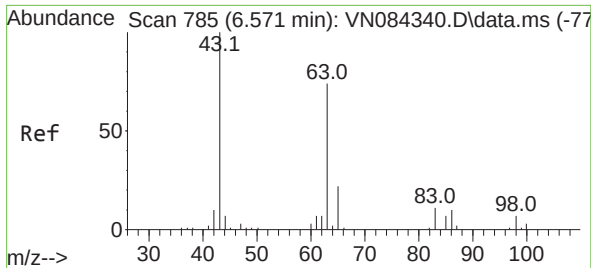
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#20
Diisopropyl ether
Concen: 4.268 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

Tgt Ion: 45 Resp: 30322
Ion Ratio Lower Upper
45 100
43 53.5 43.7 65.5
87 28.7 23.1 34.7
59 11.8 8.2 12.4





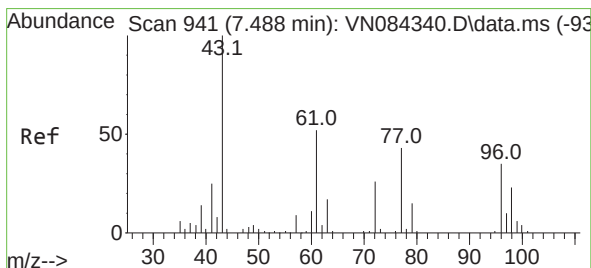
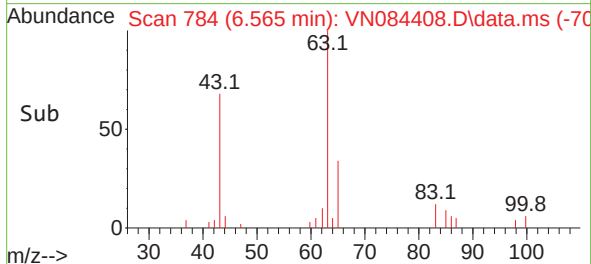
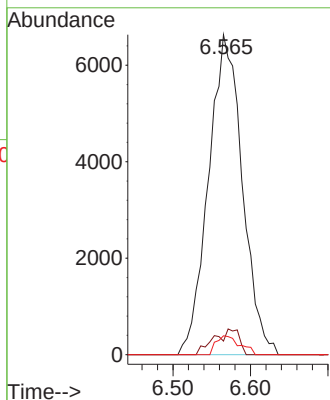
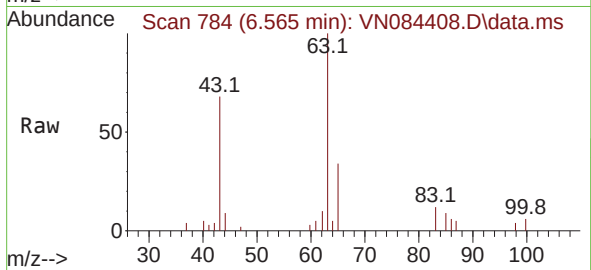
#21
1,1-Dichloroethane
Concen: 4.947 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 63 Resp: 2016
Ion Ratio Lower Upper
63 100
98 4.3 4.5 13.4
100 5.9 2.1 6.3

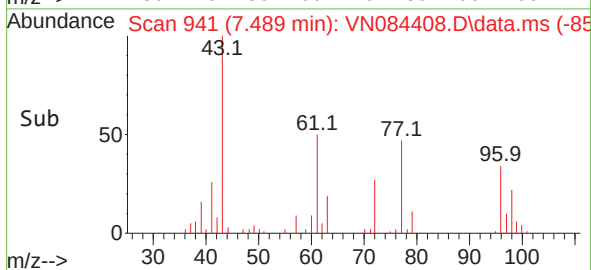
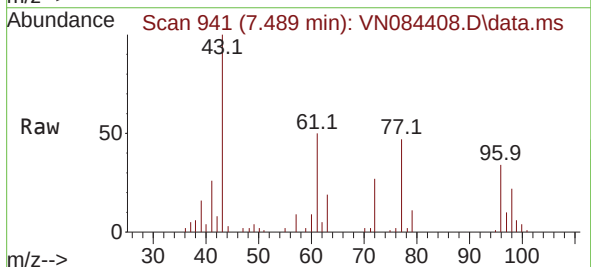
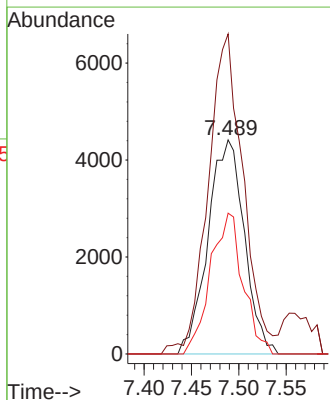
Manual Integrations
APPROVED

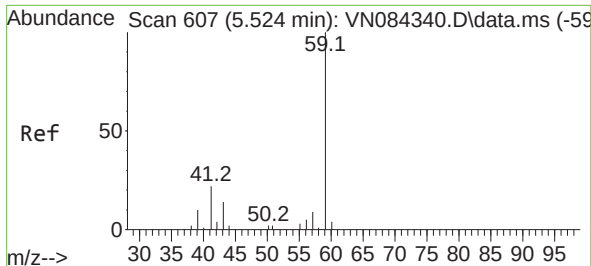
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#22
cis-1,2-Dichloroethene
Concen: 4.690 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

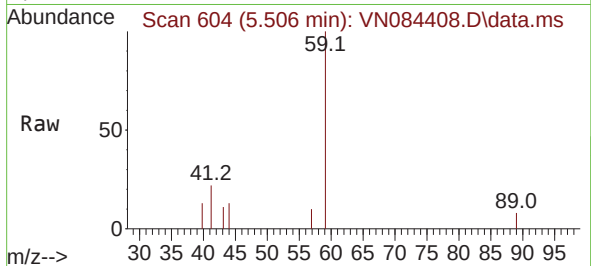
Tgt Ion: 96 Resp: 11772
Ion Ratio Lower Upper
96 100
61 141.8 118.0 177.0
98 58.4 51.8 77.8





#23
tert-Butyl Alcohol
Concen: 19.095 ug/l m
RT: 5.506 min Scan# 607
Delta R.T. -0.017 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

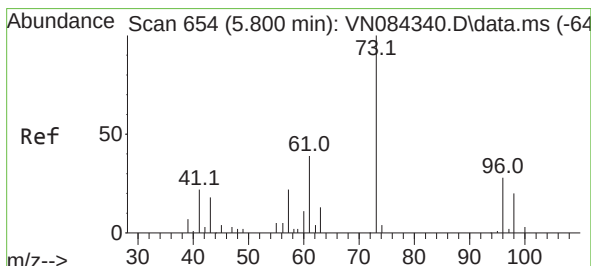
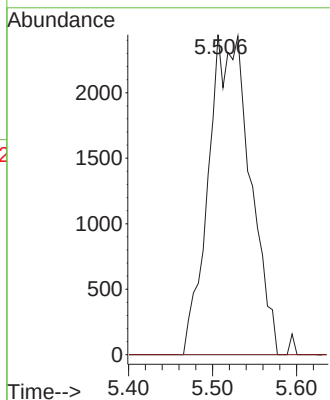
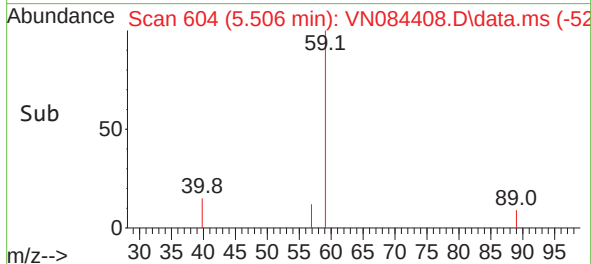
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 59 Resp: 839
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

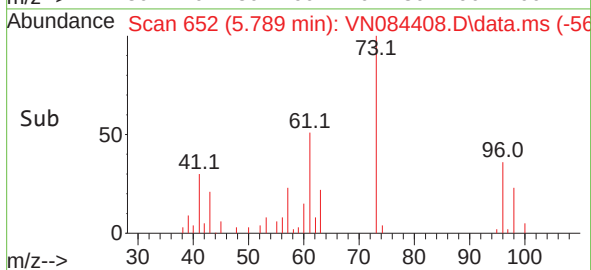
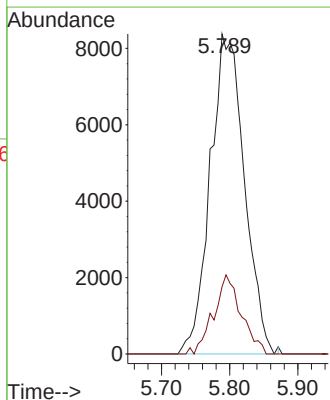
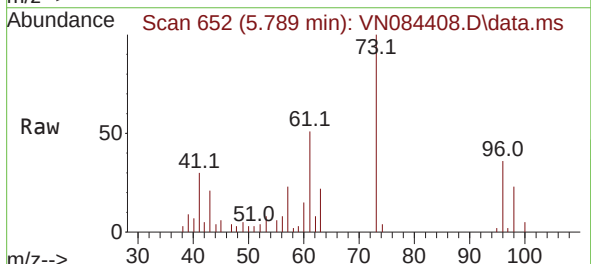
Manual Integrations
APPROVED

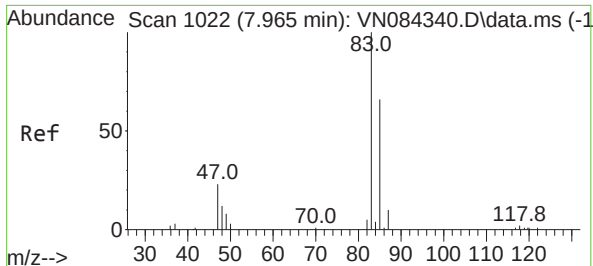
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#24
Methyl tert-Butyl Ether
Concen: 4.295 ug/l m
RT: 5.789 min Scan# 652
Delta R.T. -0.012 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

Tgt Ion: 73 Resp: 29257
Ion Ratio Lower Upper
73 100
43 19.7 10.9 16.3#





#25

Chloroform

Concen: 4.924 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN084408.D

Acq: 14 Oct 2024 12:22

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2024

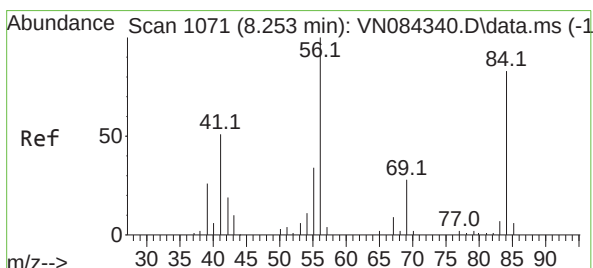
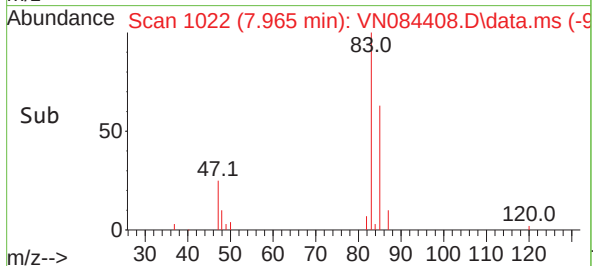
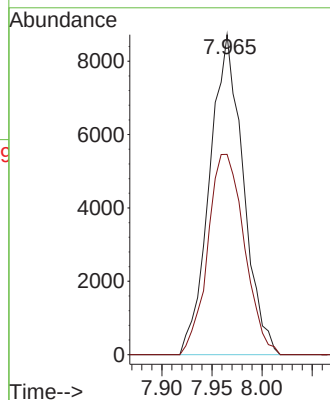
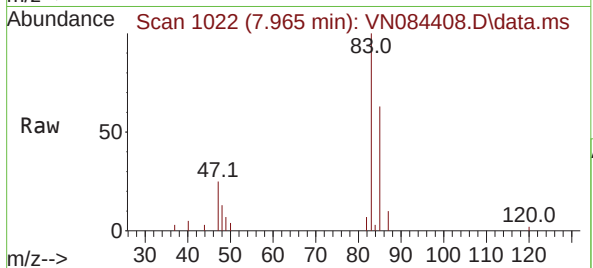
Tgt Ion: 83 Resp: 20329
 Ion Ratio Lower Upper
 83 100
 85 62.6 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#26

Cyclohexane

Concen: 4.016 ug/l

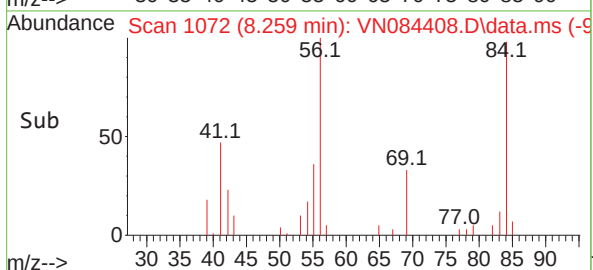
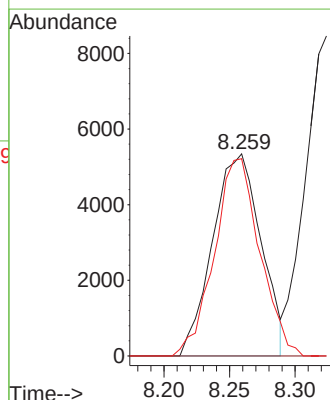
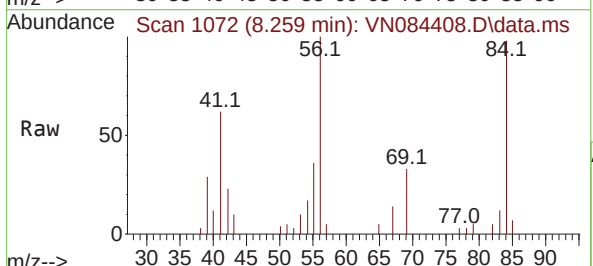
RT: 8.259 min Scan# 1072

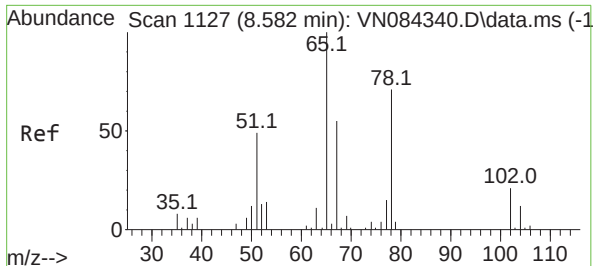
Delta R.T. 0.006 min

Lab File: VN084408.D

Acq: 14 Oct 2024 12:22

Tgt Ion: 56 Resp: 13693
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.0 0.0
 84 92.1 67.0 100.6





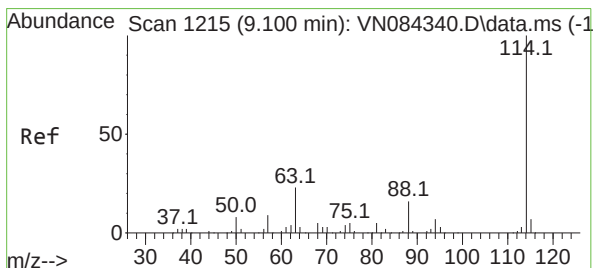
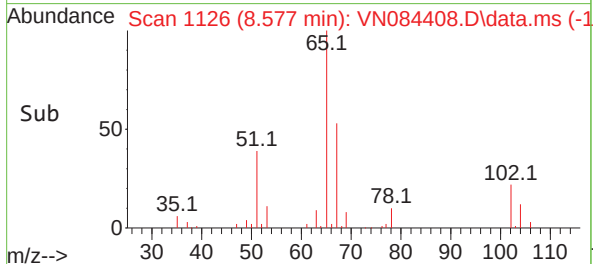
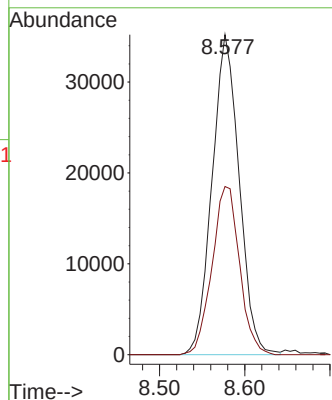
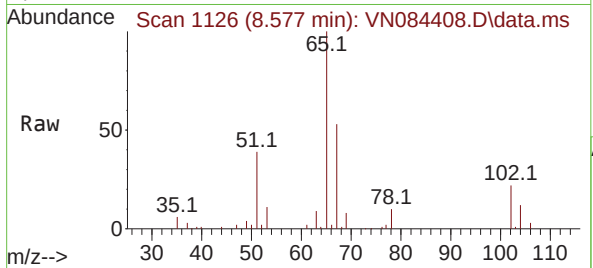
#27
1,2-Dichloroethane-d4
Concen: 29.479 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 65 Resp: 77694
Ion Ratio Lower Upper
65 100
67 53.3 41.5 62.3

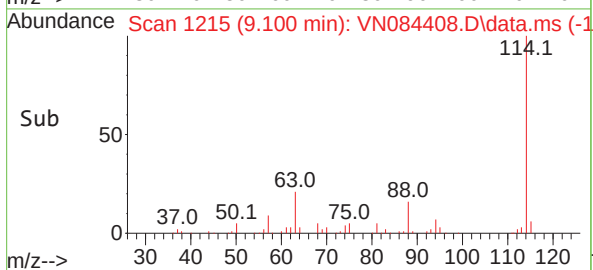
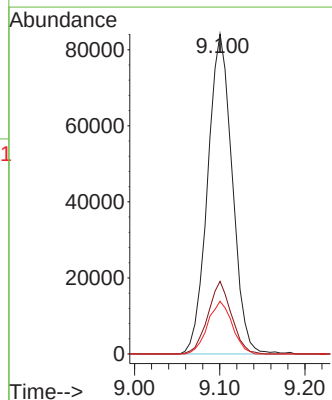
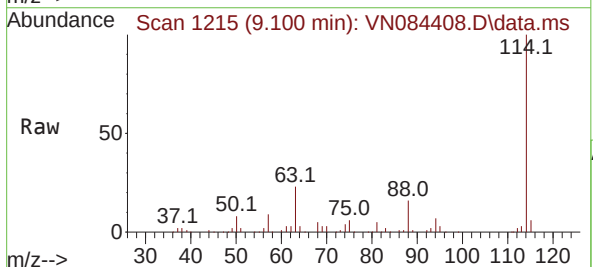
Manual Integrations
APPROVED

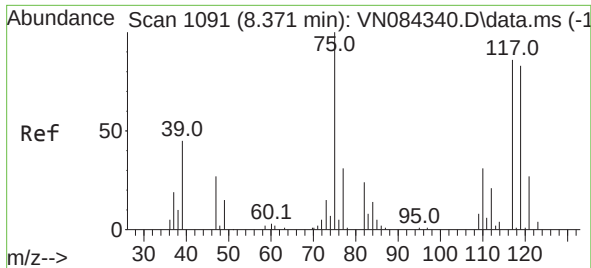
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

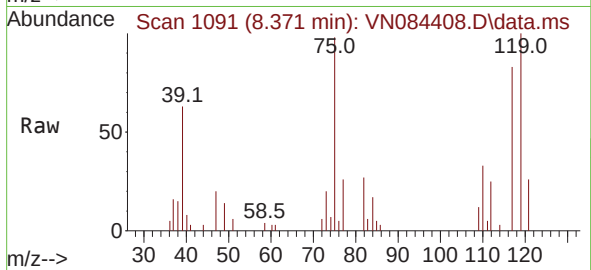
Tgt Ion:114 Resp: 168823
Ion Ratio Lower Upper
114 100
63 21.8 17.4 26.0
88 16.3 13.2 19.8





#29
1,1-Dichloropropene
Concen: 4.564 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

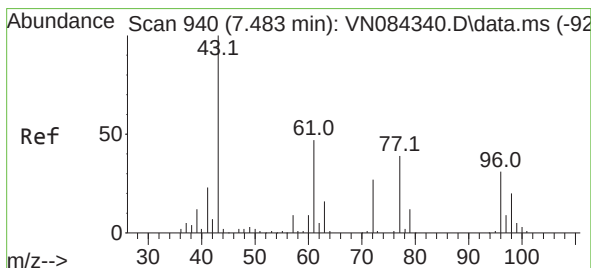
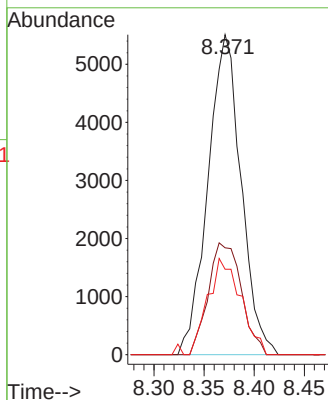
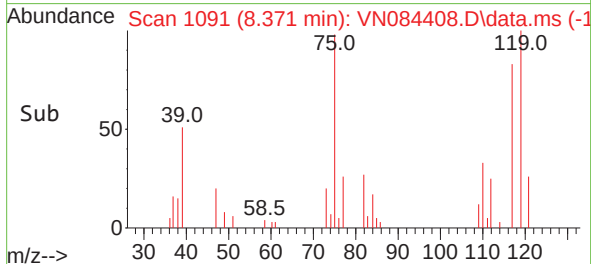
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 75 Resp: 12649
Ion Ratio Lower Upper
75 100
110 34.9 0.0 67.6
77 29.9 0.0 61.4

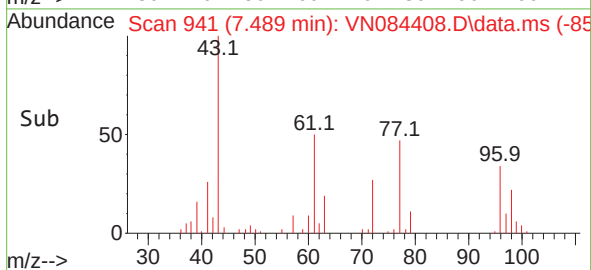
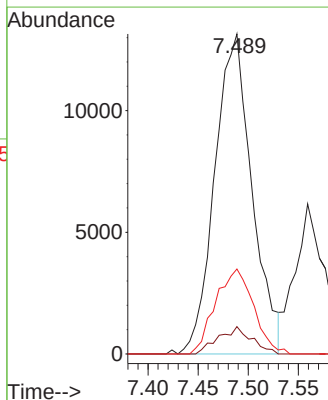
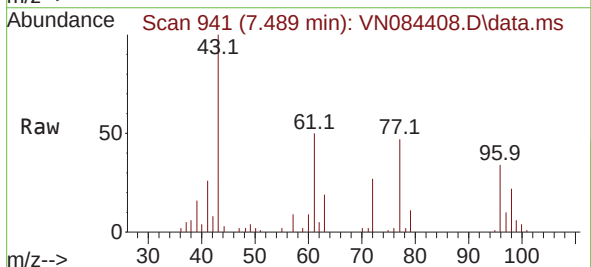
Manual Integrations
APPROVED

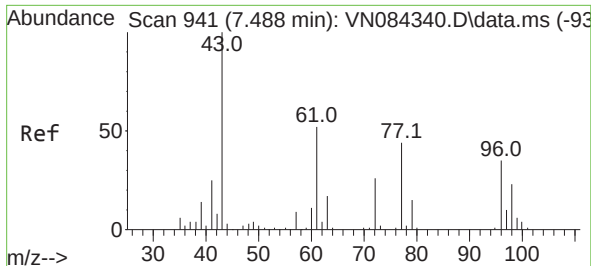
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#30
2-Butanone
Concen: 23.034 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

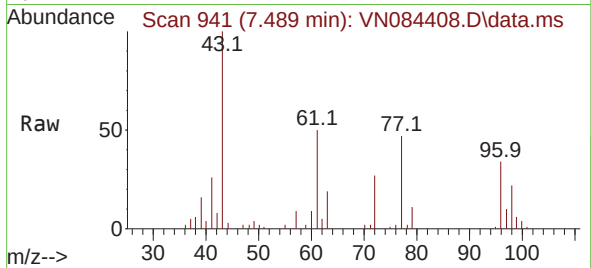
Tgt Ion: 43 Resp: 33988
Ion Ratio Lower Upper
43 100
57 4.0 6.6 9.8#
72 27.1 21.3 31.9





#31
2,2-Dichloropropane
Concen: 5.223 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

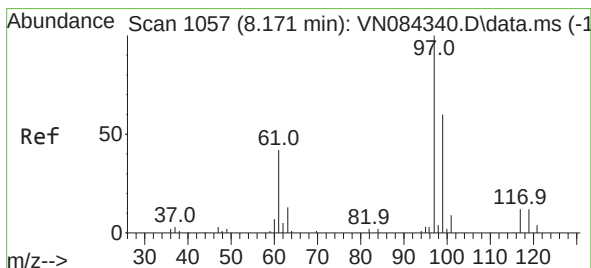
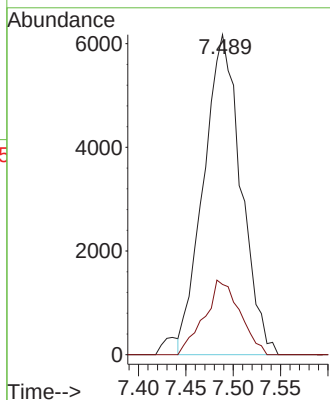
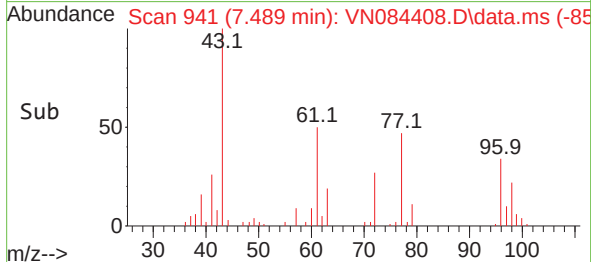
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



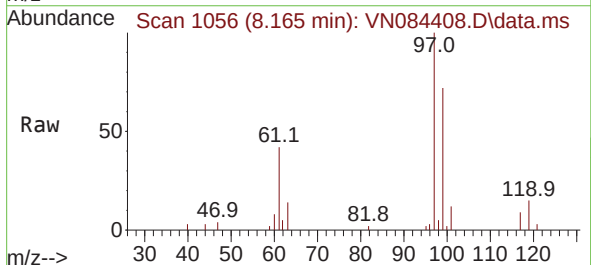
Tgt Ion: 77 Resp: 17009
Ion Ratio Lower Upper
77 100
97 22.1 11.5 17.3

Manual Integrations
APPROVED

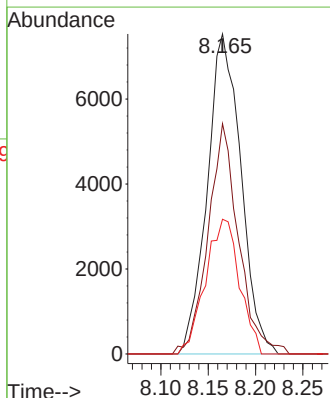
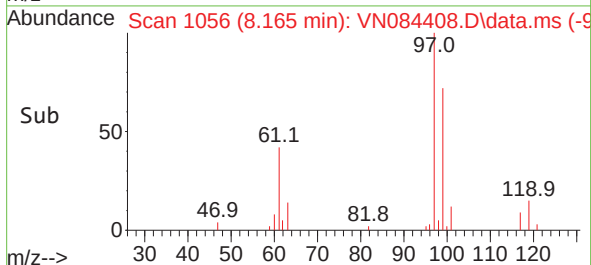
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

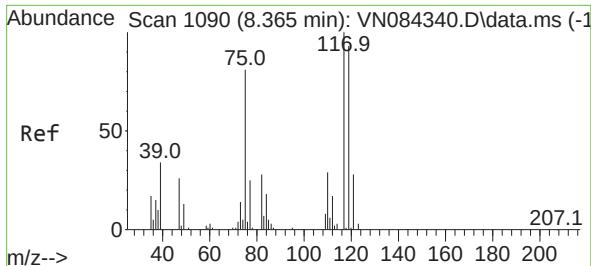


#32
1,1,1-Trichloroethane
Concen: 5.260 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22



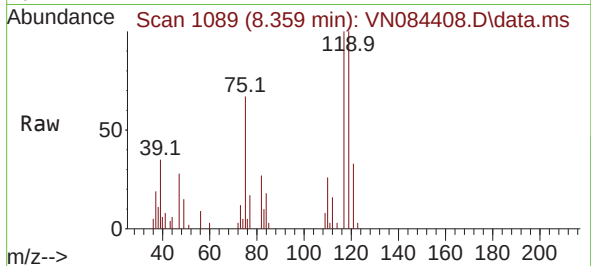
Tgt Ion: 97 Resp: 18634
Ion Ratio Lower Upper
97 100
99 64.8 51.2 76.8
61 42.7 34.1 51.1





#33
Carbon Tetrachloride
Concen: 4.928 ug/l
RT: 8.359 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

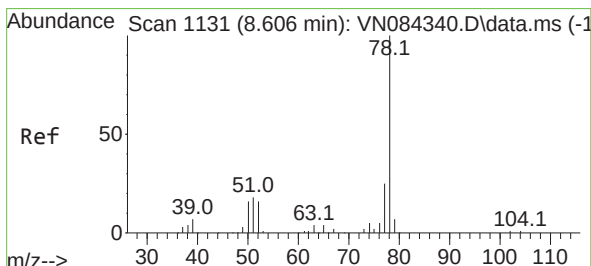
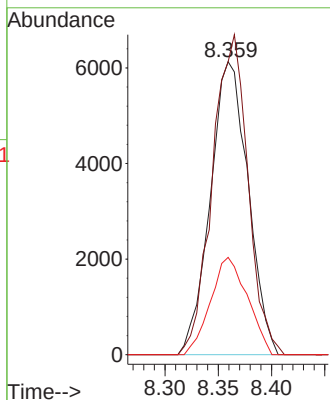
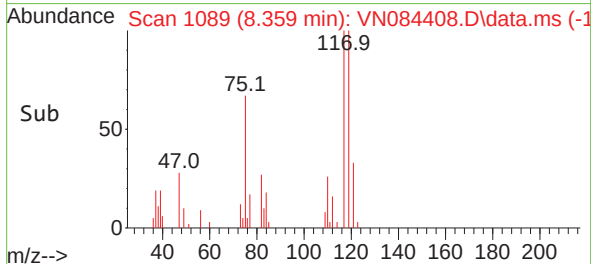
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 117 Resp: 1512
Ion Ratio Lower Upper
117 100
119 100.0 74.3 111.5
121 33.2 22.4 33.6

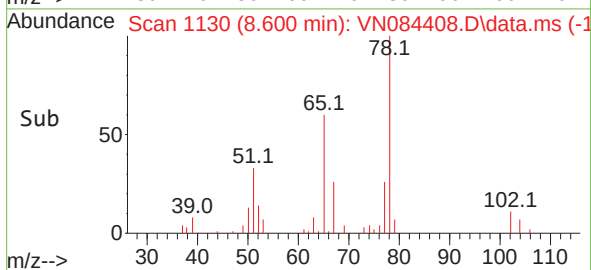
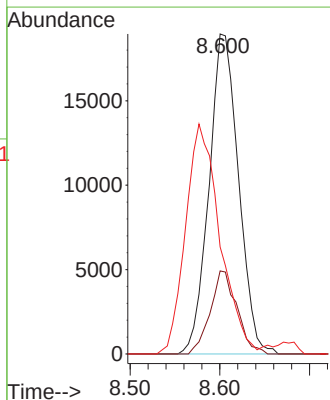
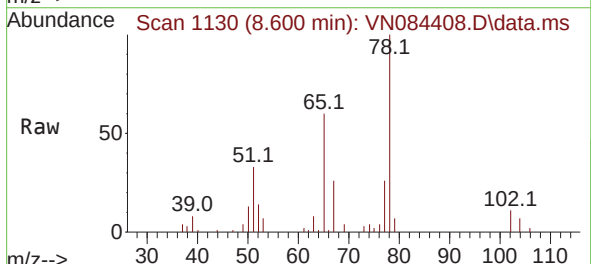
Manual Integrations
APPROVED

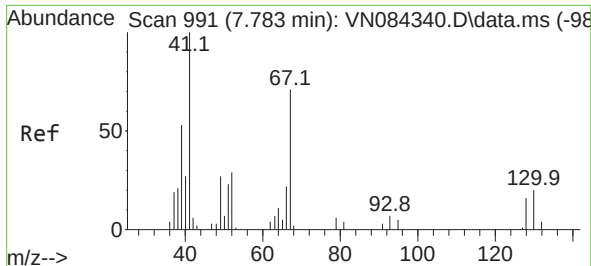
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#34
Benzene
Concen: 5.000 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

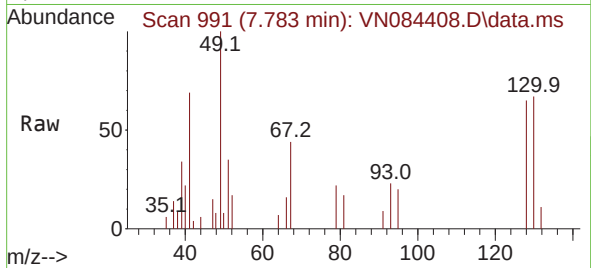
Tgt Ion: 78 Resp: 43375
Ion Ratio Lower Upper
78 100
77 25.9 19.6 29.4
51 30.7 15.8 23.6





#35
Methacrylonitrile
Concen: 4.580 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

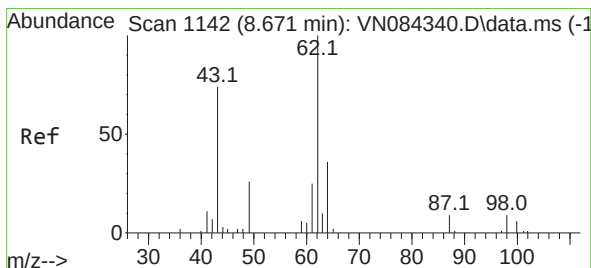
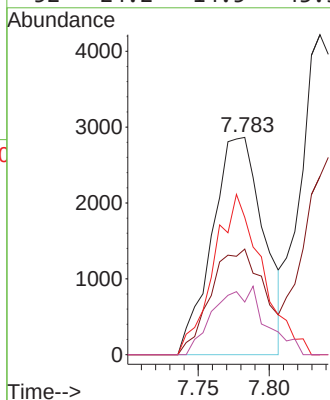
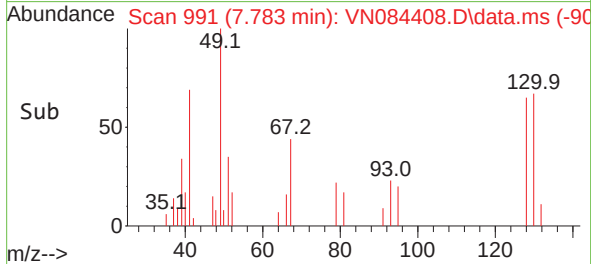
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 41	Resp: 7209
Ion Ratio	Lower Upper
41 100	
39 48.6	26.4 79.0
67 63.2	35.7 107.1
52 24.2	14.5 43.5

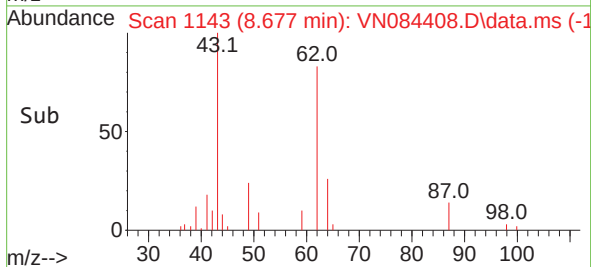
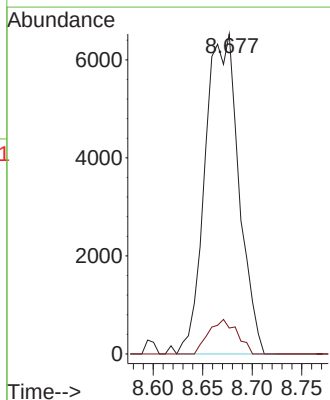
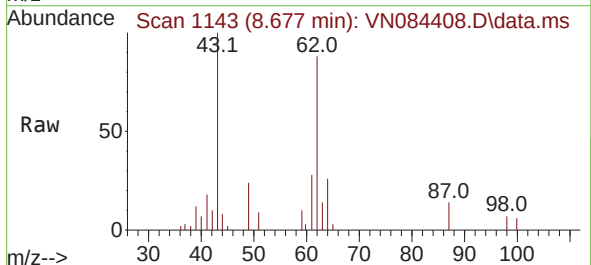
Manual Integrations
APPROVED

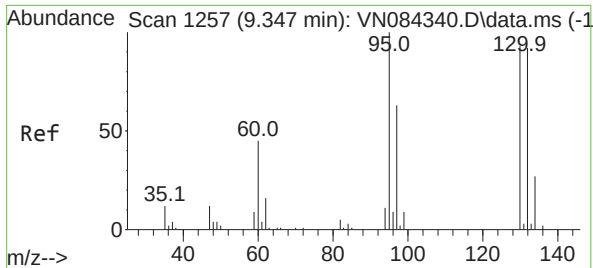
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#36
1,2-Dichloroethane
Concen: 5.335 ug/l m
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

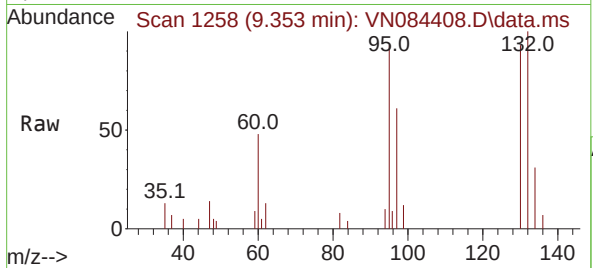
Tgt Ion: 62	Resp: 15427
Ion Ratio	Lower Upper
62 100	
98 9.0	7.3 10.9





#37
Trichloroethene
Concen: 5.149 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

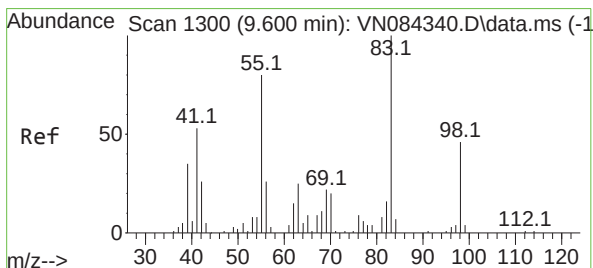
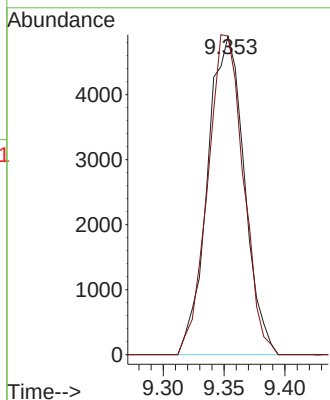
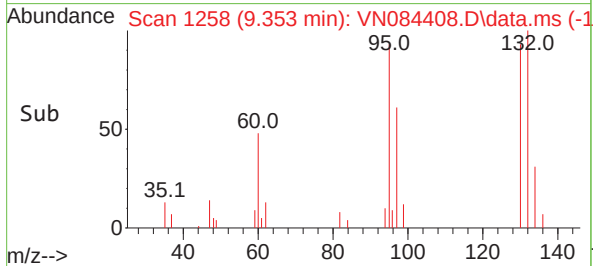
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



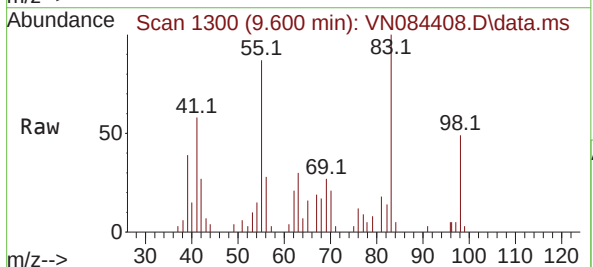
Tgt Ion:130 Resp: 1028
Ion Ratio Lower Upper
130 100
95 100.1 85.8 128.6

Manual Integrations
APPROVED

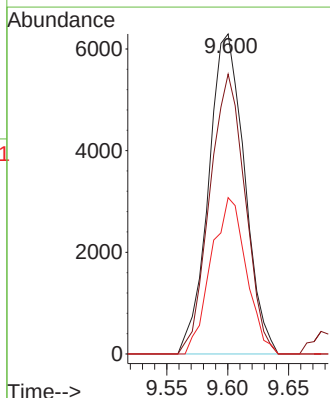
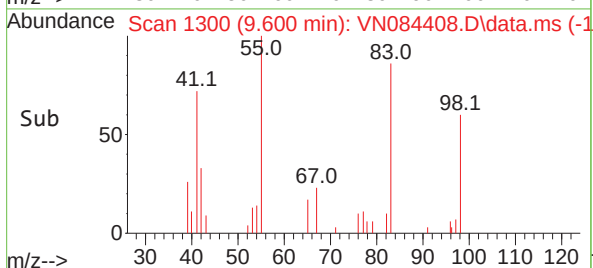
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

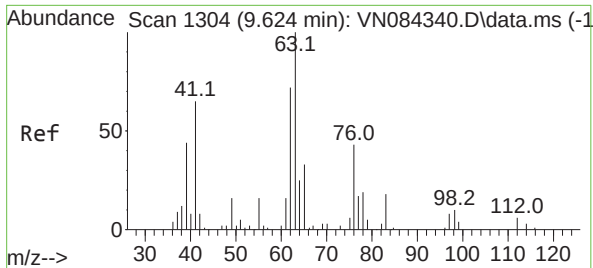


#38
Methylcyclohexane
Concen: 4.245 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22



Tgt Ion: 83 Resp: 12921
Ion Ratio Lower Upper
83 100
55 85.9 39.3 117.8
98 48.0 24.0 72.0





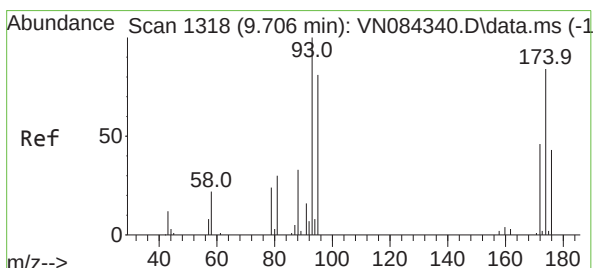
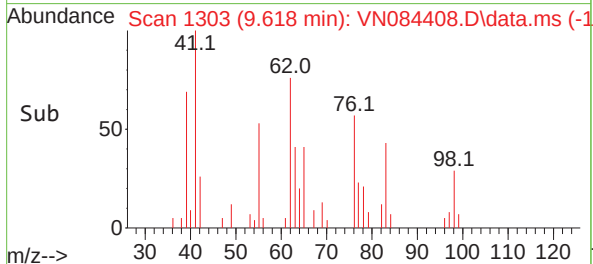
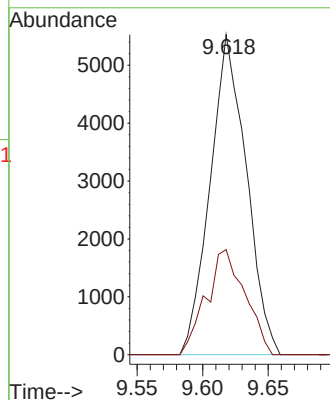
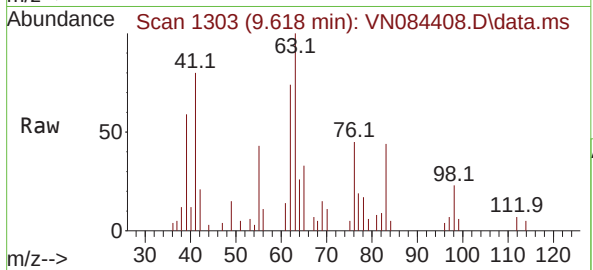
#39
1,2-Dichloropropane
Concen: 5.012 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion: 63 Resp: 1060
Ion Ratio Lower Upper
63 100
65 32.8 26.3 39.5

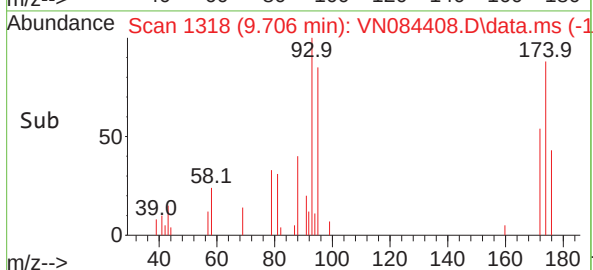
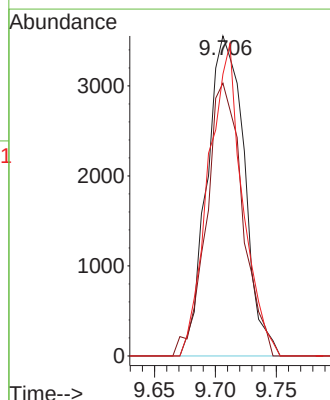
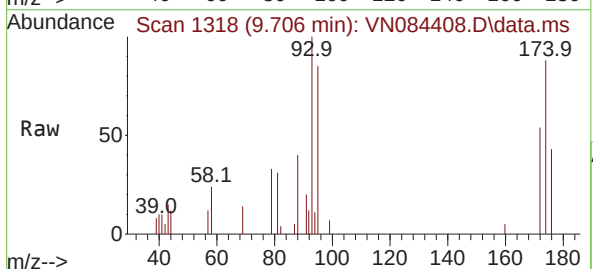
Manual Integrations
APPROVED

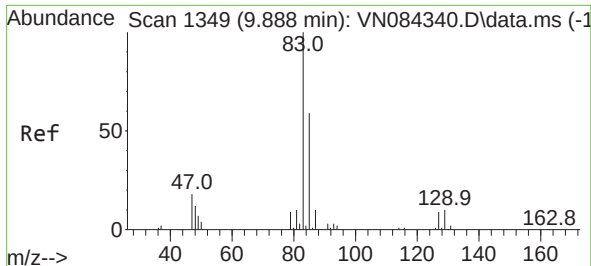
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#40
Dibromomethane
Concen: 5.128 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

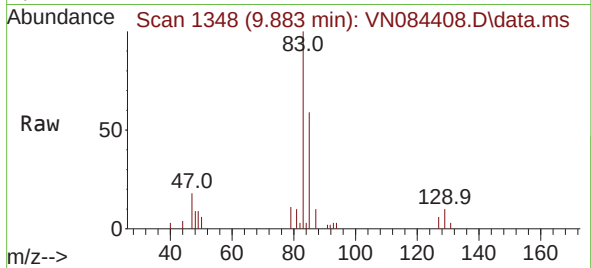
Tgt Ion: 93 Resp: 7582
Ion Ratio Lower Upper
93 100
95 82.6 0.0 171.4
174 89.6 0.0 183.0





#41
Bromodichloromethane
Concen: 4.959 ug/l
RT: 9.883 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

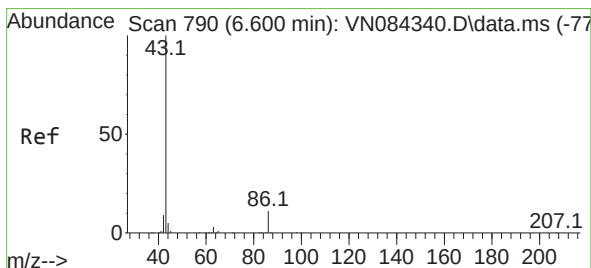
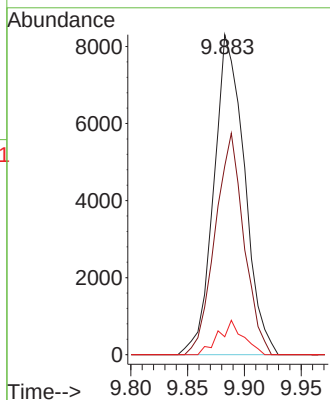
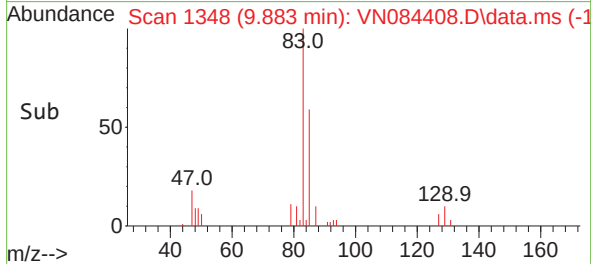
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 83 Resp: 1556
Ion Ratio Lower Upper
83 100
85 59.0 47.1 70.7
127 5.6 7.1 10.7

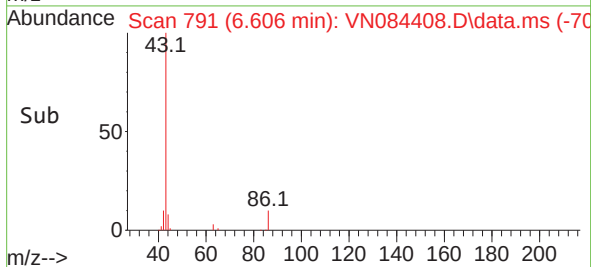
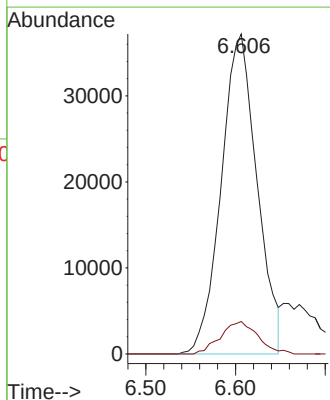
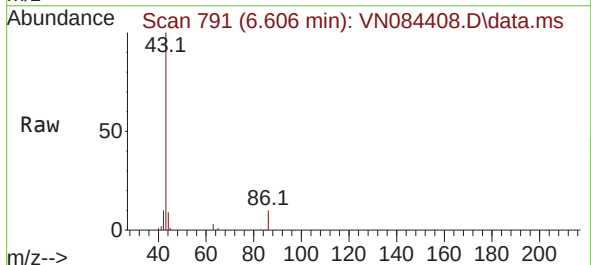
Manual Integrations
APPROVED

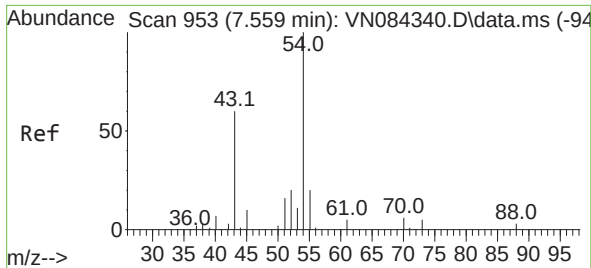
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#42
Vinyl Acetate
Concen: 20.115 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

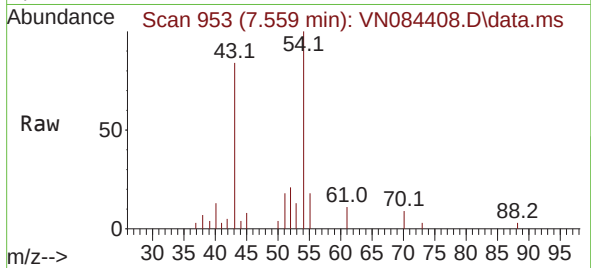
Tgt Ion: 43 Resp: 103223
Ion Ratio Lower Upper
43 100
86 10.6 8.5 12.7





#43
Ethyl Acetate
Concen: 4.600 ug/l
RT: 7.559 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

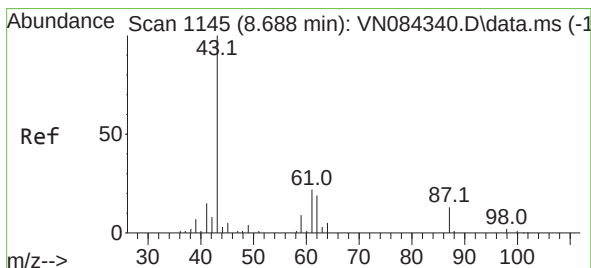
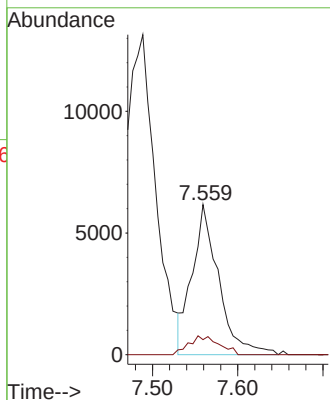
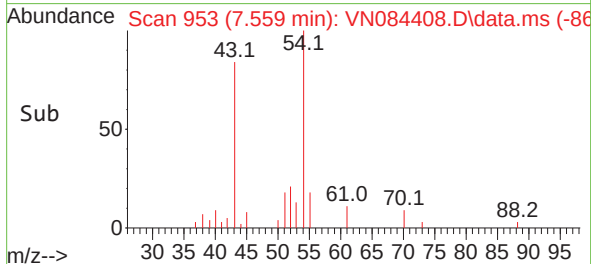
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 43 Resp: 13385
Ion Ratio Lower Upper
43 100
45 13.2 10.6 16.0

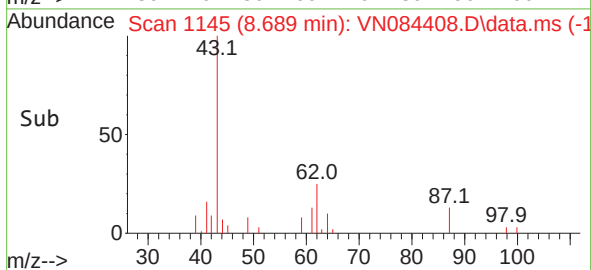
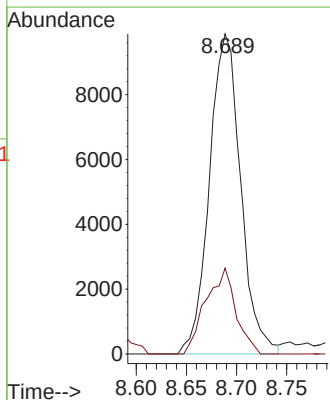
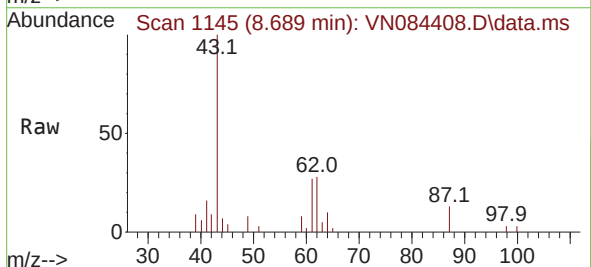
Manual Integrations
APPROVED

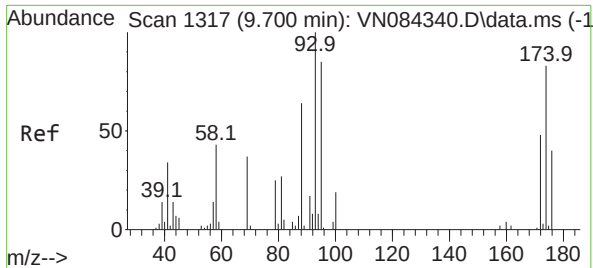
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#44
Isopropyl Acetate
Concen: 4.498 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

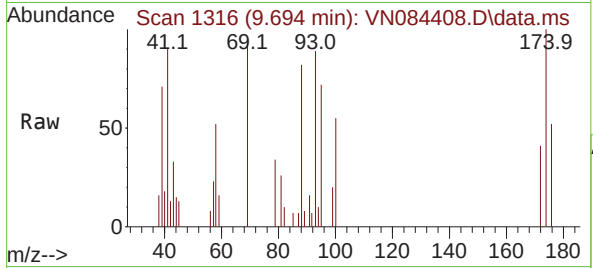
Tgt Ion: 43 Resp: 21426
Ion Ratio Lower Upper
43 100
61 25.7 21.4 32.2





#45
 1,4-Dioxane
 Concen: 86.267 ug/l
 RT: 9.694 min Scan# 1316
 Delta R.T. -0.006 min
 Lab File: VN084408.D
 Acq: 14 Oct 2024 12:22

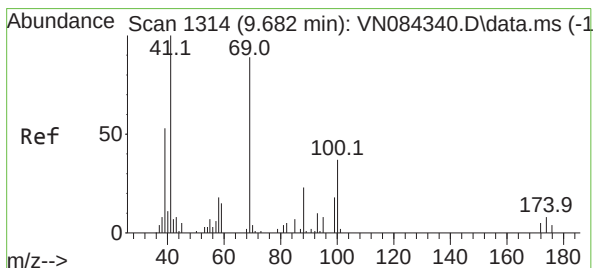
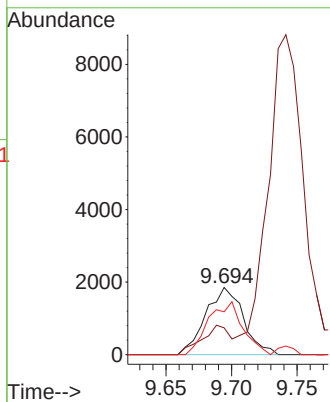
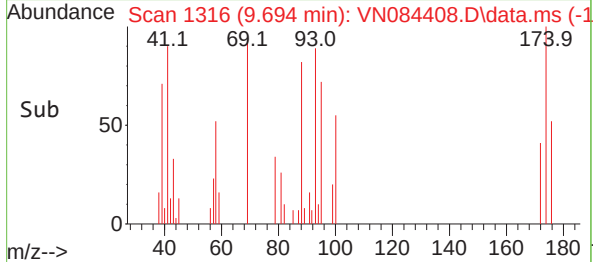
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion: 88 Resp: 3704
 Ion Ratio Lower Upper
 88 100
 43 32.3 22.4 33.6
 58 71.9 59.7 89.5

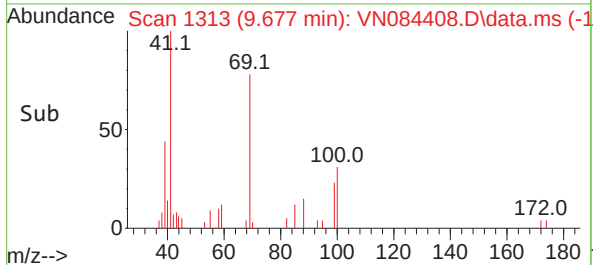
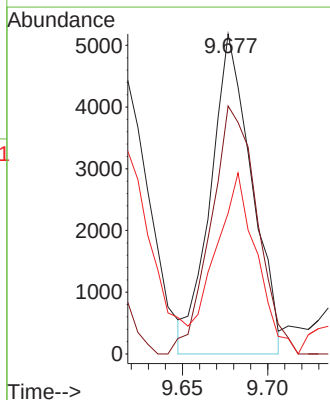
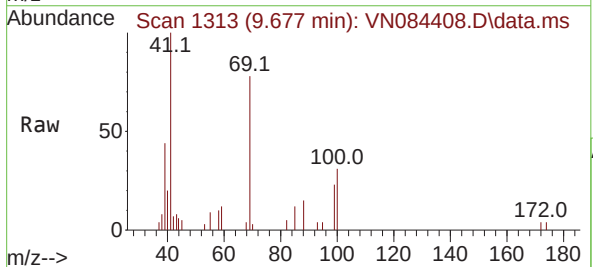
Manual Integrations
 APPROVED

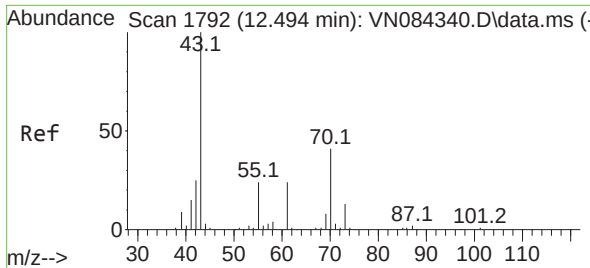
Reviewed By :John Carlone 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#46
 Methyl methacrylate
 Concen: 3.770 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.006 min
 Lab File: VN084408.D
 Acq: 14 Oct 2024 12:22

Tgt Ion: 41 Resp: 8675
 Ion Ratio Lower Upper
 41 100
 69 78.2 42.6 128.0
 39 41.4 27.5 82.4





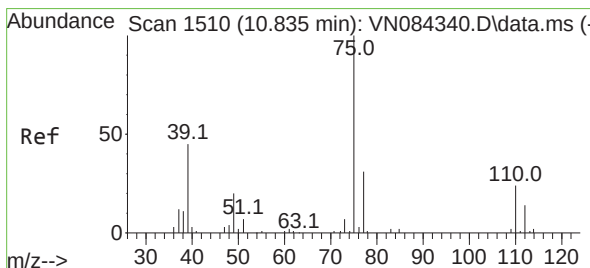
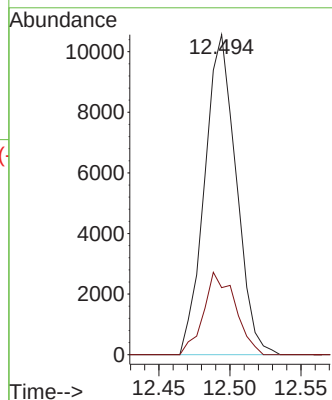
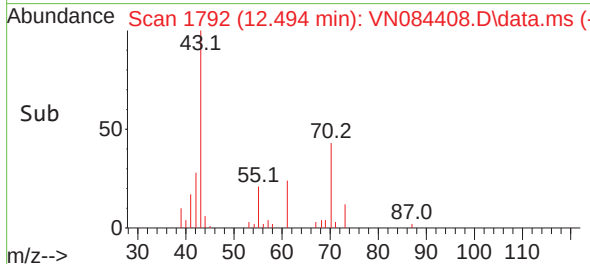
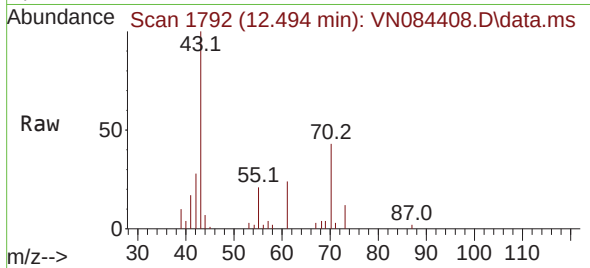
#47
n-amy1 Acetate
Concen: 3.844 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 43 Resp: 1628
Ion Ratio Lower Upper
43 100
55 25.9 20.6 31.0

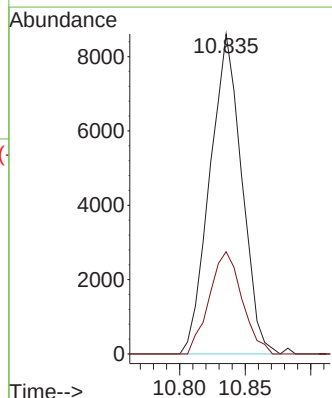
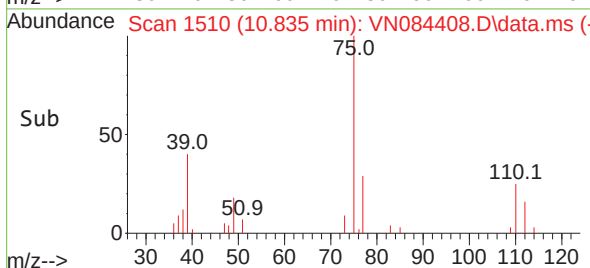
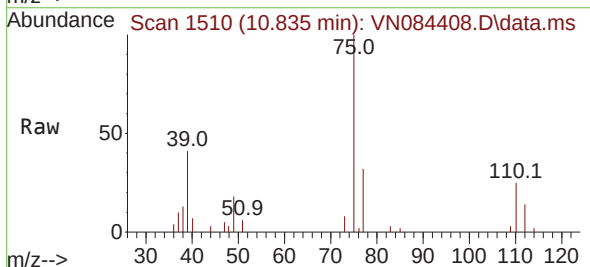
Manual Integrations
APPROVED

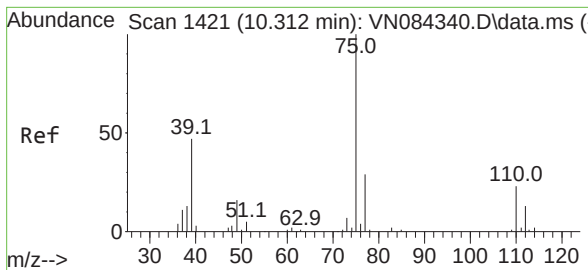
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#48
t-1,3-Dichloropropene
Concen: 4.488 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

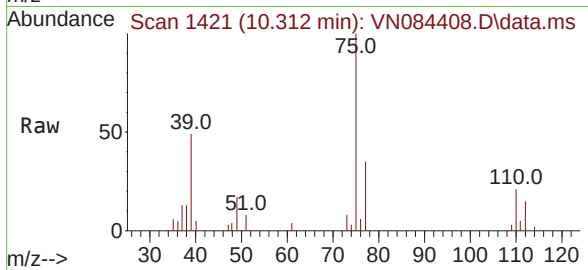
Tgt Ion: 75 Resp: 14558
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0





#49
 cis-1,3-Dichloropropene
 Concen: 4.605 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN084408.D
 Acq: 14 Oct 2024 12:22

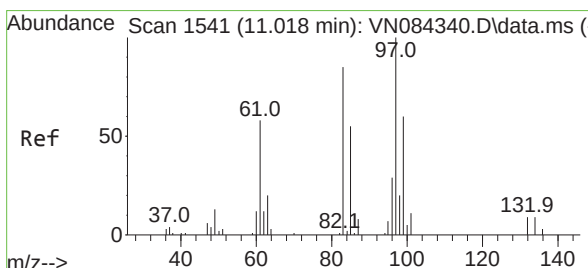
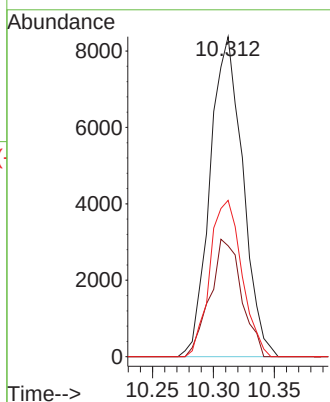
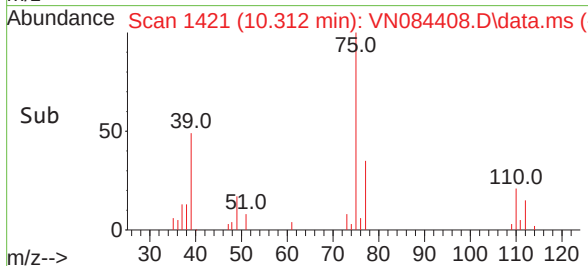
Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion: 75 Resp: 1565
 Ion Ratio Lower Upper
 75 100
 77 34.6 22.9 34.3
 39 48.8 37.4 56.2

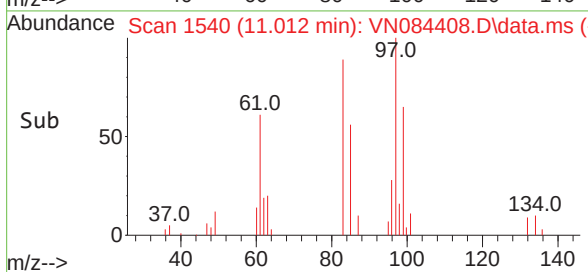
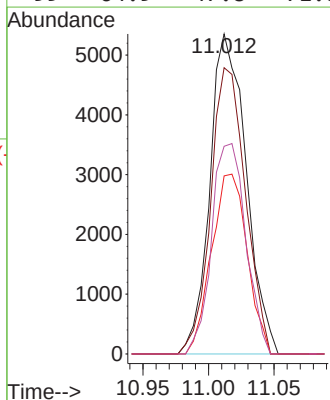
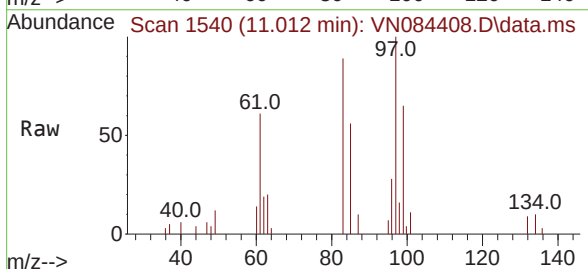
Manual Integrations
 APPROVED

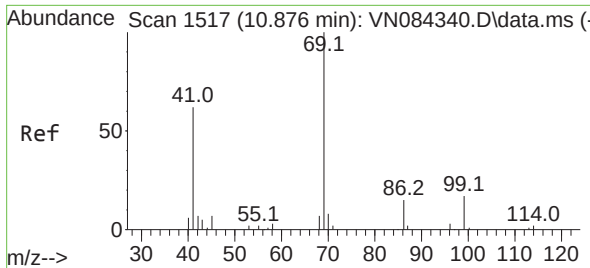
Reviewed By :John Carlone 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#50
 1,1,2-Trichloroethane
 Concen: 5.179 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.006 min
 Lab File: VN084408.D
 Acq: 14 Oct 2024 12:22

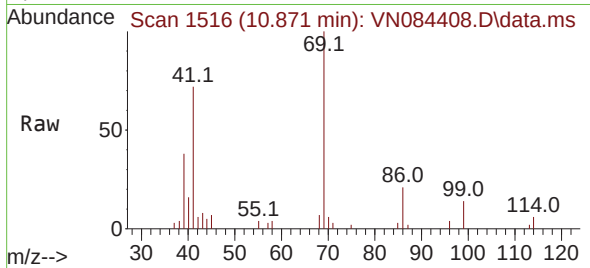
Tgt Ion: 97 Resp: 10293
 Ion Ratio Lower Upper
 97 100
 83 89.4 67.8 101.8
 85 55.7 44.2 66.2
 99 64.9 47.8 71.8





#51
Ethyl methacrylate
Concen: 3.816 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

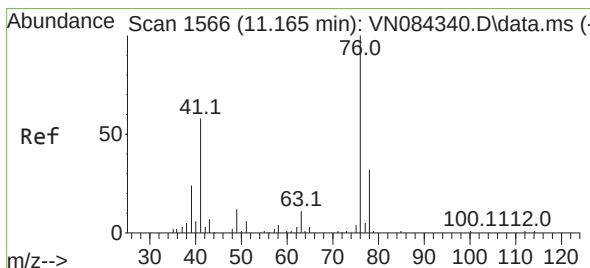
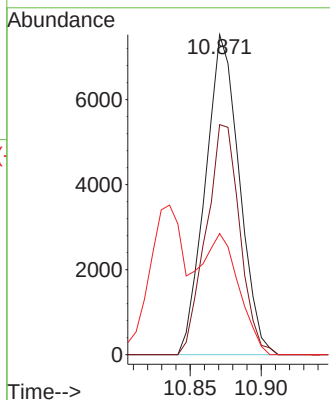
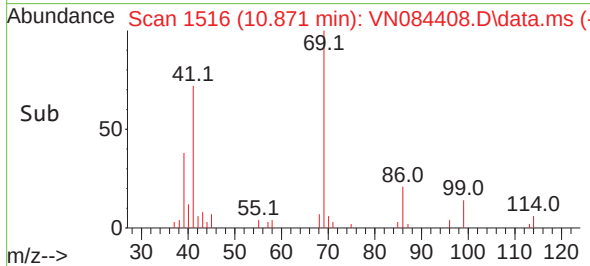
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 69 Resp: 1252
Ion Ratio Lower Upper
69 100
41 71.9 30.9 92.7
39 37.9 16.6 49.7

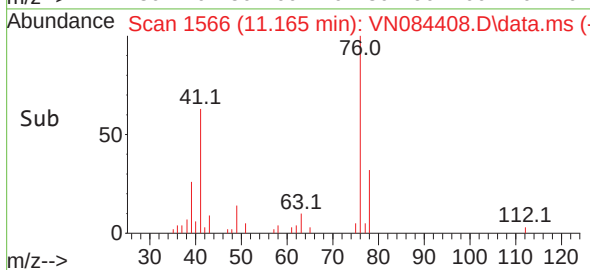
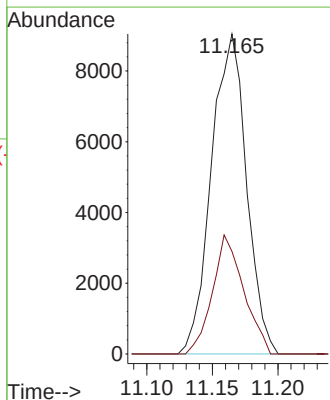
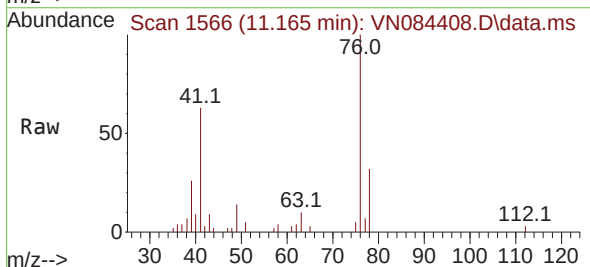
Manual Integrations
APPROVED

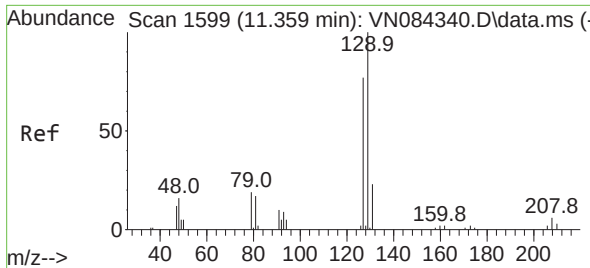
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#52
1,3-Dichloropropane
Concen: 4.844 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

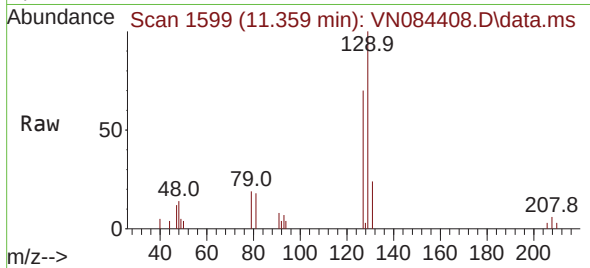
Tgt Ion: 76 Resp: 16833
Ion Ratio Lower Upper
76 100
78 33.1 0.0 64.2





#53
Dibromochloromethane
Concen: 5.008 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

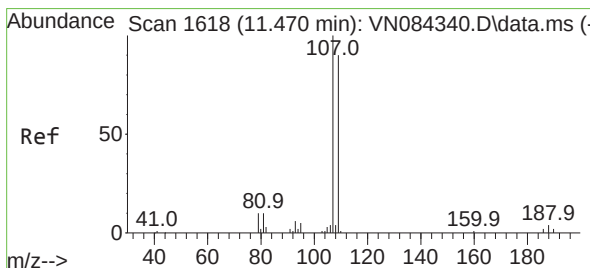
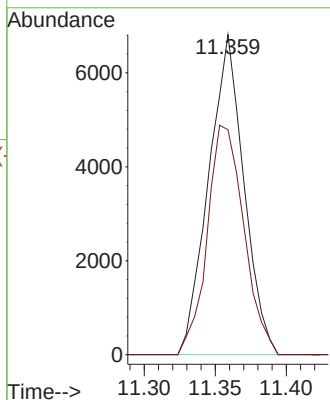
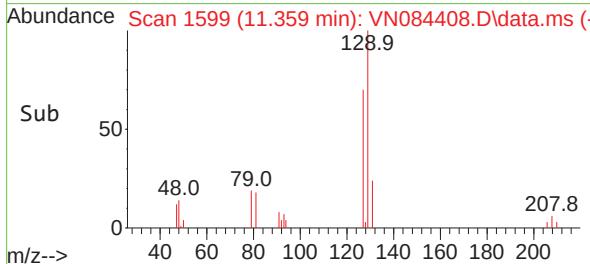
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



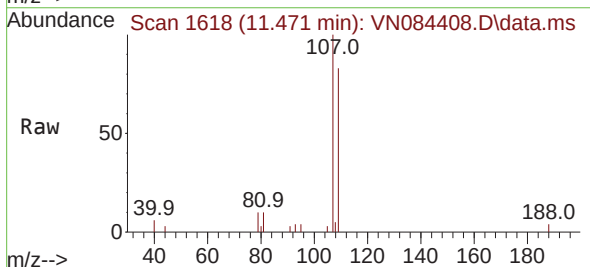
Tgt Ion:129 Resp: 1175
Ion Ratio Lower Upper
129 100
127 74.5 38.5 115.5

Manual Integrations
APPROVED

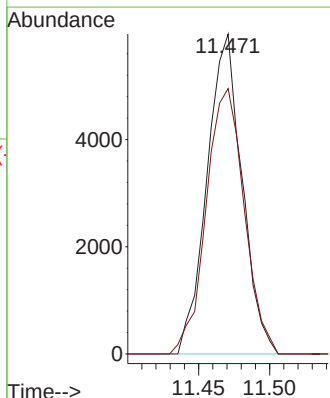
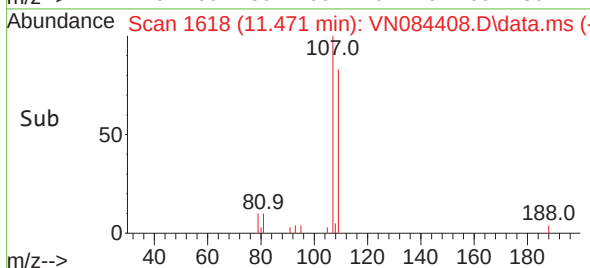
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

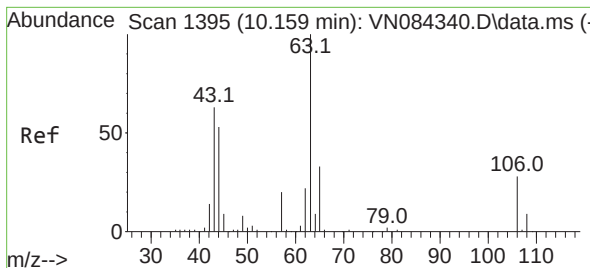


#54
1,2-Dibromoethane
Concen: 5.002 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22



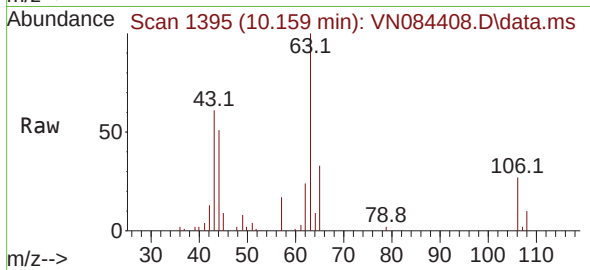
Tgt Ion:107 Resp: 10232
Ion Ratio Lower Upper
107 100
109 90.1 73.8 110.6





#55
2-Chloroethyl vinyl ether
Concen: 19.661 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

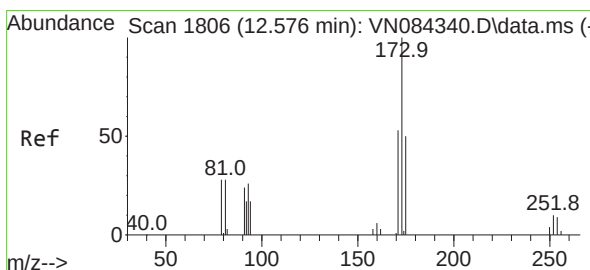
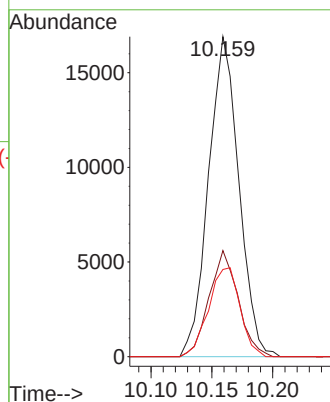
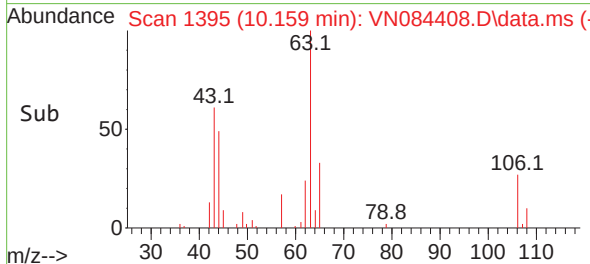
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 63 Resp: 2927
Ion Ratio Lower Upper
63 100
65 31.8 25.6 38.4
106 28.8 21.6 32.4

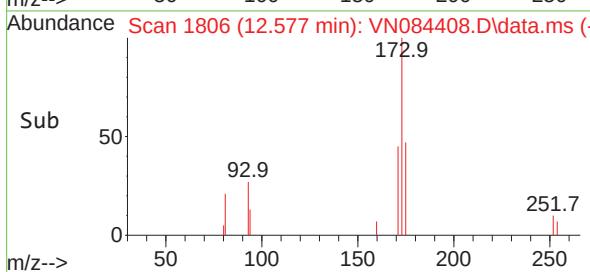
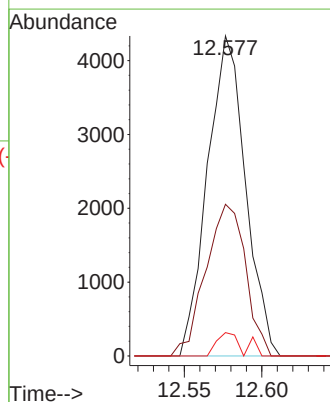
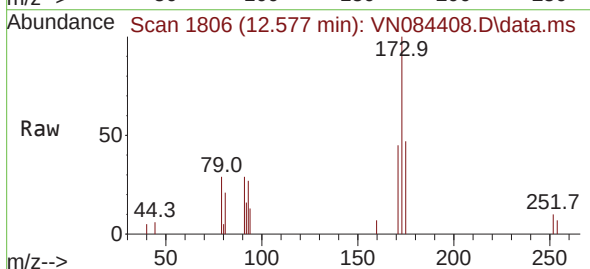
Manual Integrations
APPROVED

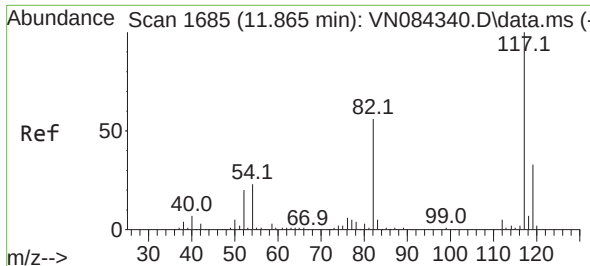
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#56
Bromoform
Concen: 4.750 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

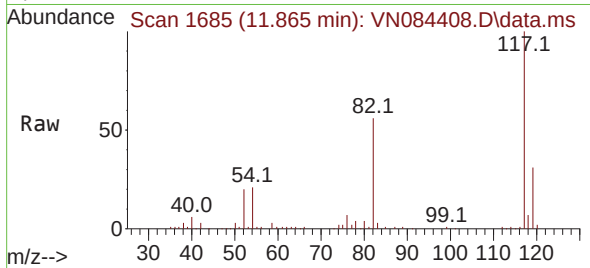
Tgt Ion:173 Resp: 7396
Ion Ratio Lower Upper
173 100
175 49.6 39.4 59.2
254 3.8 6.8 10.2#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

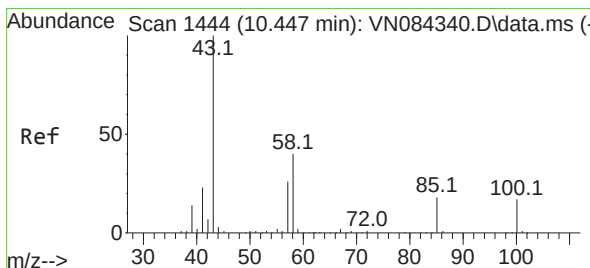
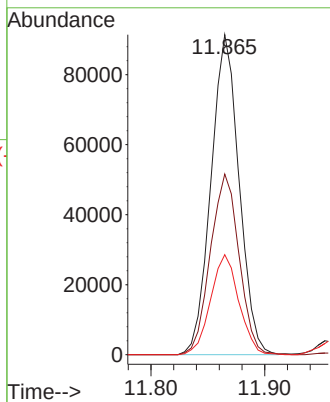
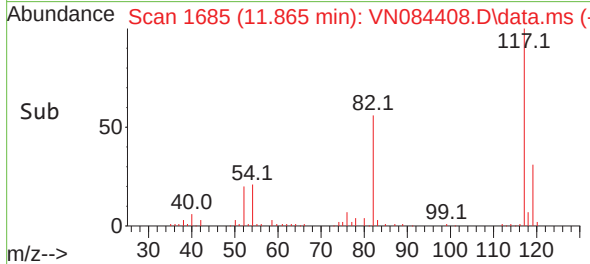
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:117 Resp: 15718
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 31.5 25.4 38.2

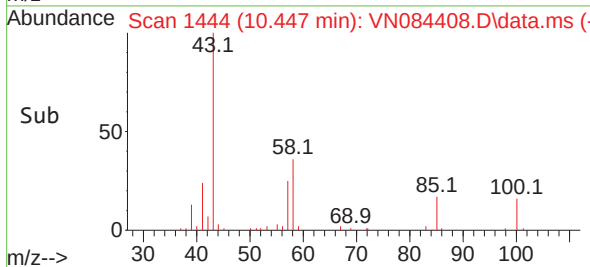
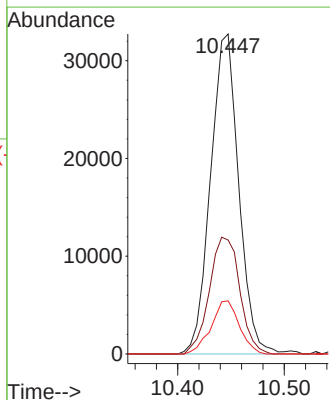
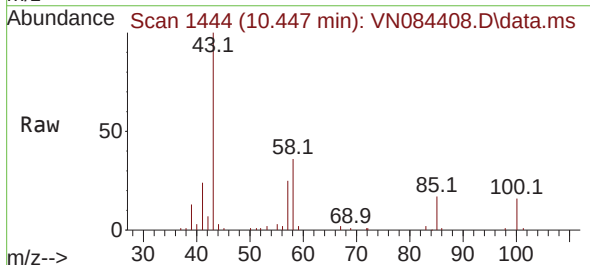
Manual Integrations
APPROVED

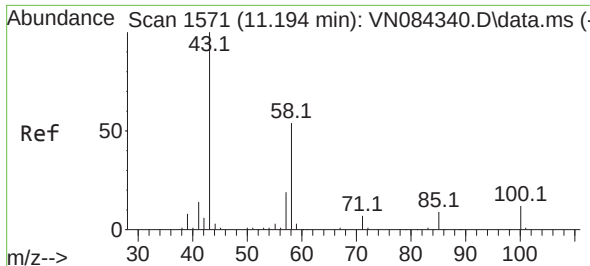
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#58
4-Methyl-2-Pentanone
Concen: 20.498 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

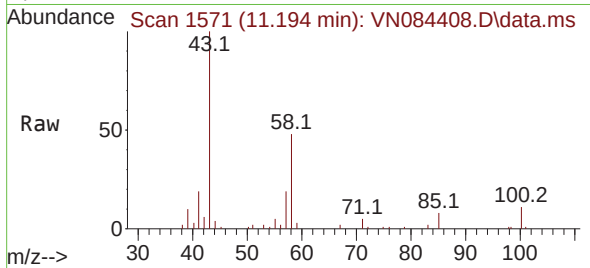
Tgt Ion: 43 Resp: 60018
Ion Ratio Lower Upper
43 100
58 39.5 31.9 47.9
85 16.7 14.6 22.0





#59
2-Hexanone
Concen: 20.542 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

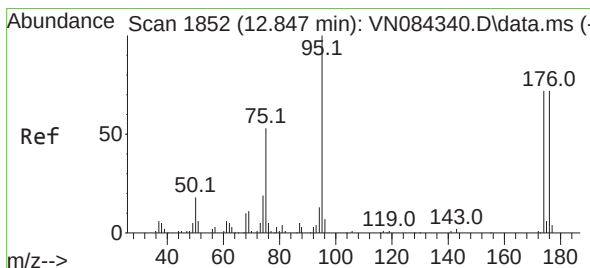
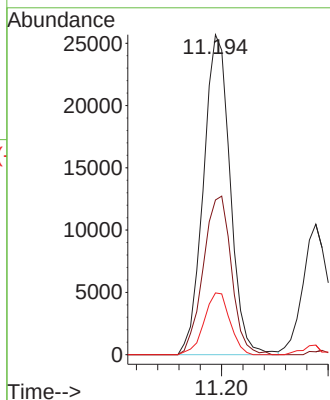
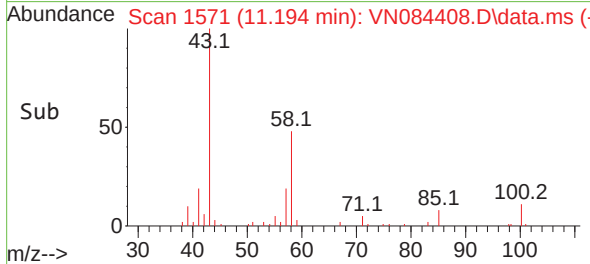
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 43 Resp: 4469
Ion Ratio Lower Upper
43 100
58 52.1 44.0 66.0
57 18.6 15.4 23.2

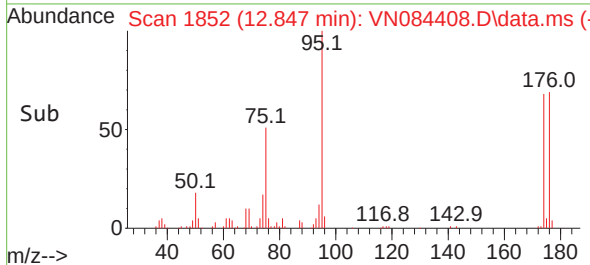
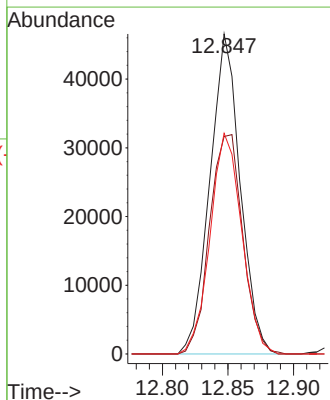
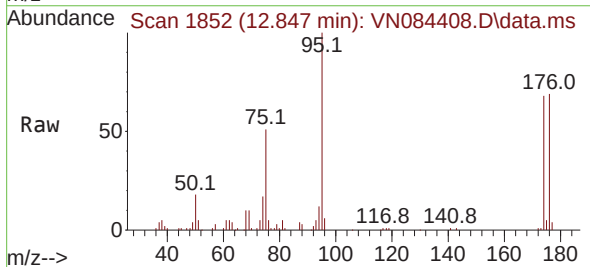
Manual Integrations
APPROVED

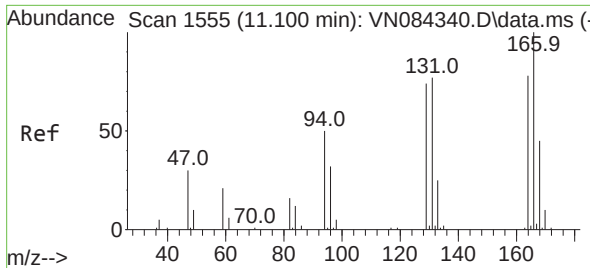
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#60
4-Bromofluorobenzene
Concen: 28.881 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

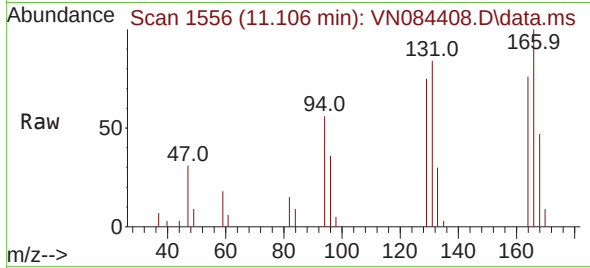
Tgt Ion: 95 Resp: 74922
Ion Ratio Lower Upper
95 100
174 74.9 58.2 87.2
176 71.9 56.4 84.6





#61
Tetrachloroethene
Concen: 4.861 ug/l
RT: 11.106 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

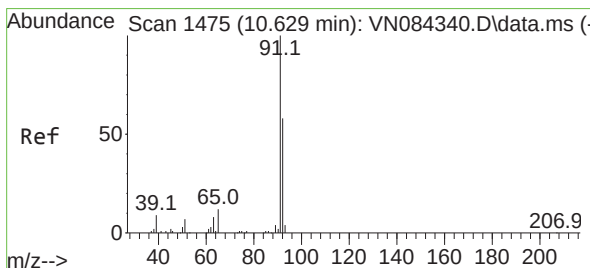
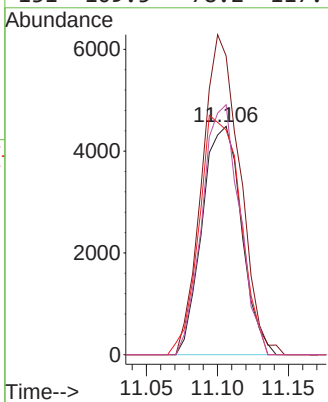
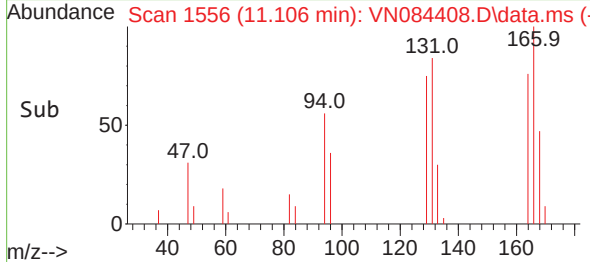
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



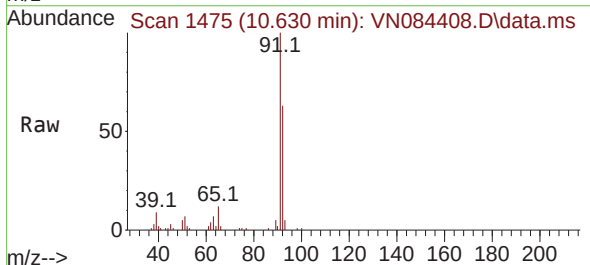
Tgt Ion:164 Resp: 864
Ion Ratio Lower Upper
164 100
166 130.9 102.5 153.7
129 98.4 75.7 113.5
131 109.5 78.2 117.4

Manual Integrations
APPROVED

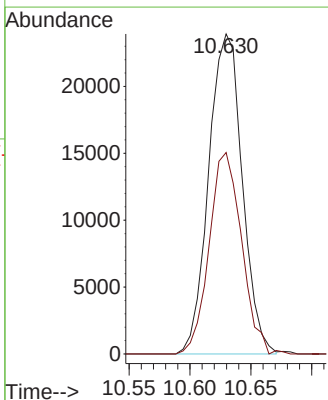
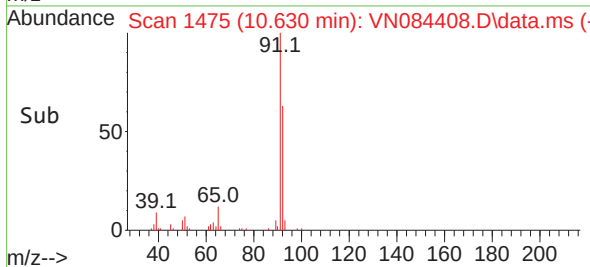
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

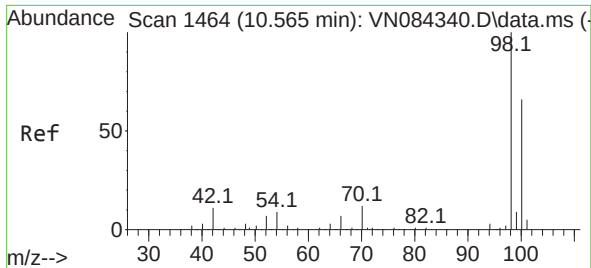


#62
Toluene
Concen: 4.986 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22



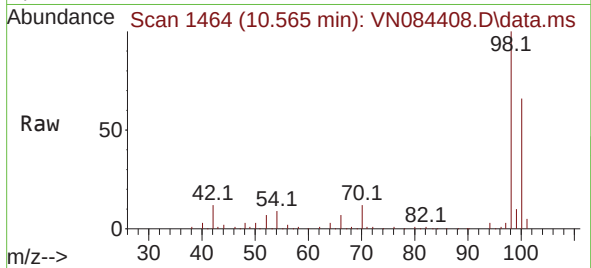
Tgt Ion: 91 Resp: 45878
Ion Ratio Lower Upper
91 100
92 60.5 47.2 70.8





#63
Toluene-d8
Concen: 30.461 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

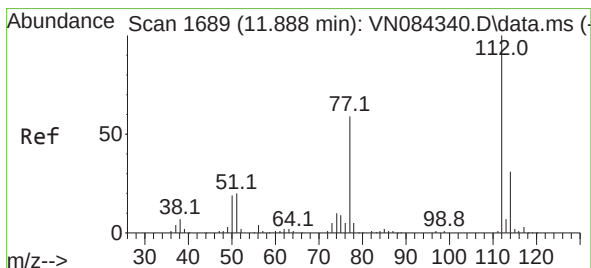
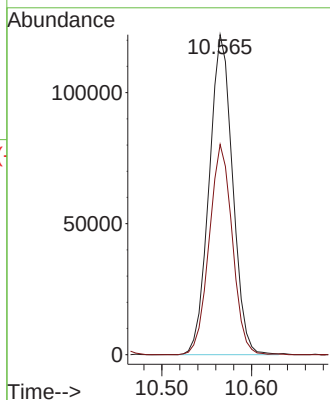
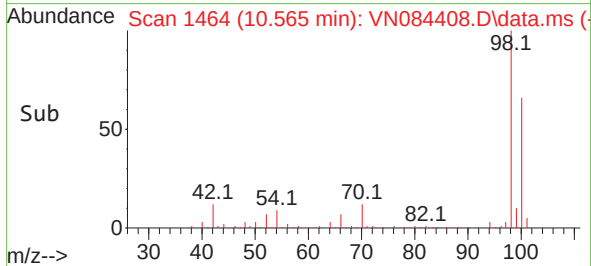
Instrument : MSVOA_N
ClientSampleId : VN084408.D
LOQ-WATER-02-QT4-2024



Tgt Ion: 98 Resp: 221810
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

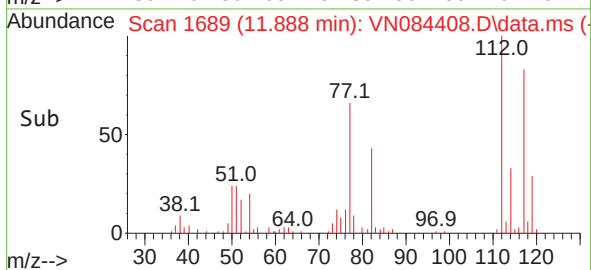
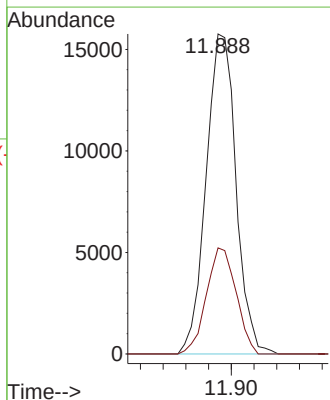
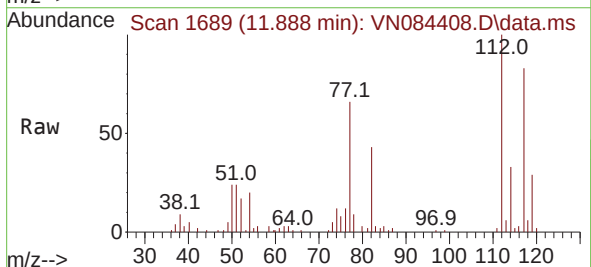
Manual Integrations
APPROVED

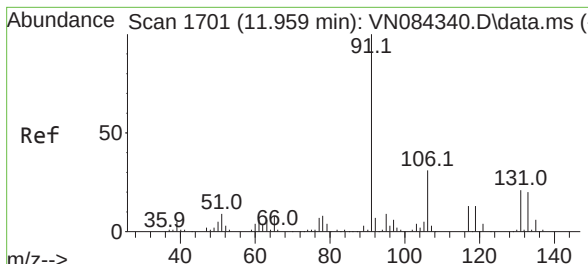
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#64
Chlorobenzene
Concen: 5.029 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

Tgt Ion:112 Resp: 28799
Ion Ratio Lower Upper
112 100
114 33.2 25.1 37.7





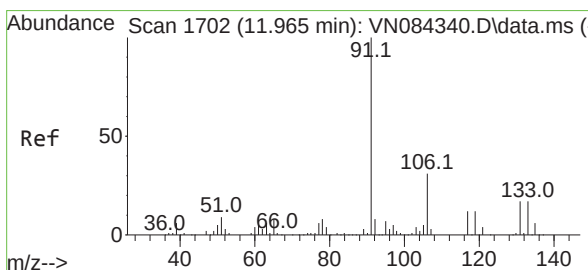
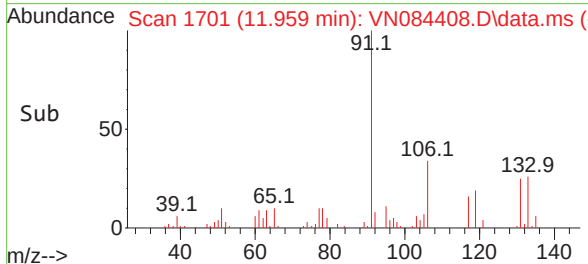
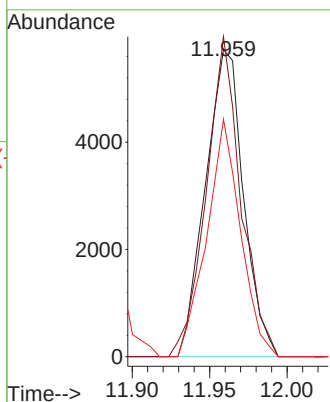
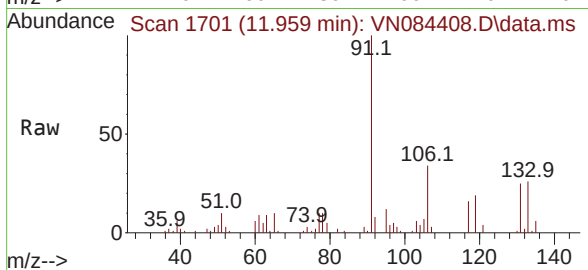
#65
1,1,1,2-Tetrachloroethane
Concen: 4.915 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:131 Resp: 9778
Ion Ratio Lower Upper
131 100
133 94.9 0.0 190.4
119 68.6 0.0 130.0

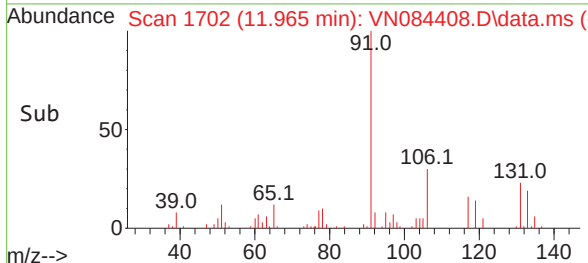
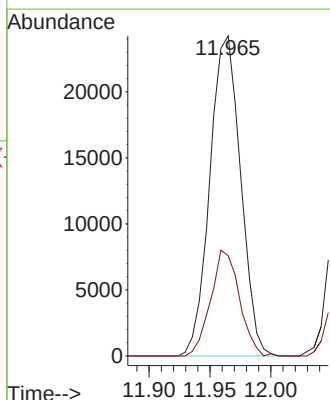
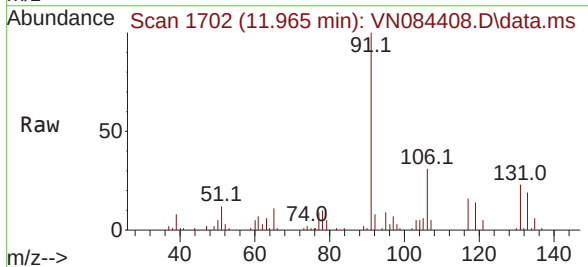
Manual Integrations
APPROVED

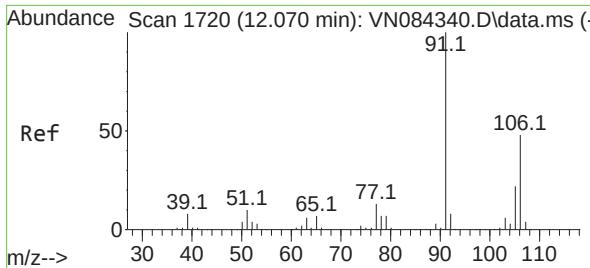
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#66
Ethyl Benzene
Concen: 4.258 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

Tgt Ion: 91 Resp: 42566
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8





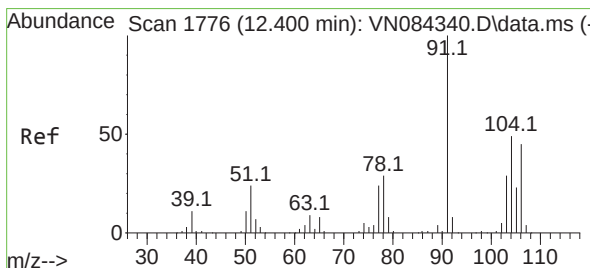
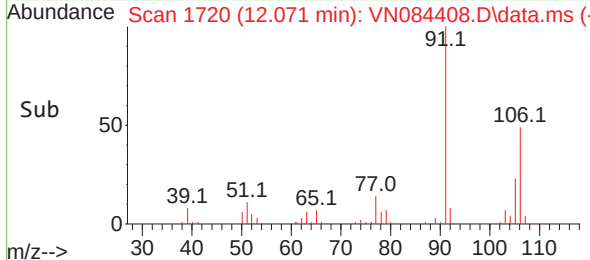
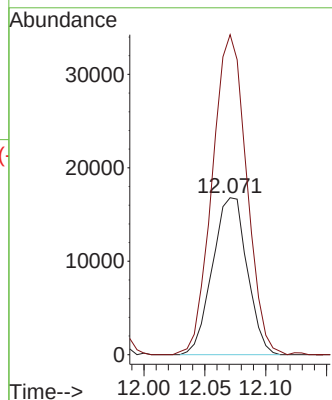
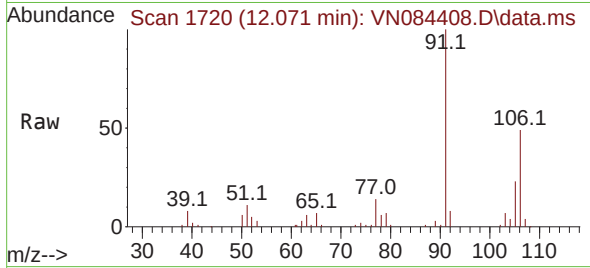
#67
m/p-Xylenes
Concen: 8.783 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:106 Resp: 33310
Ion Ratio Lower Upper
106 100
91 201.4 166.7 250.1

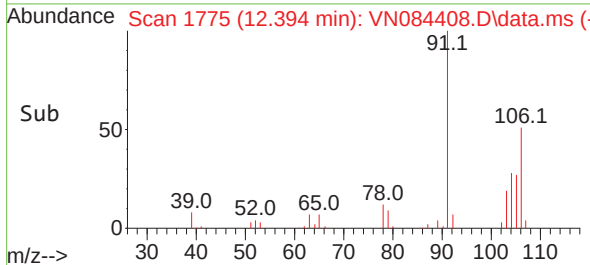
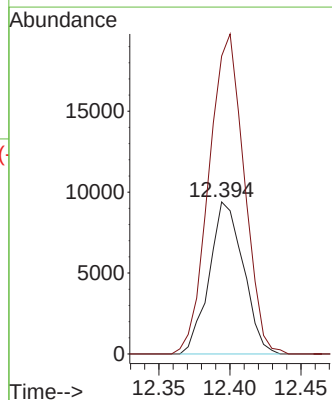
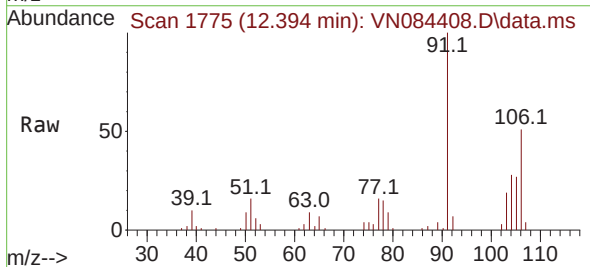
Manual Integrations
APPROVED

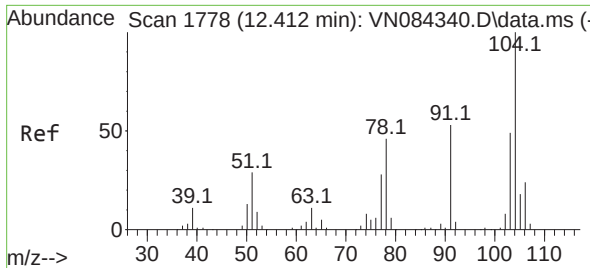
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#68
o-Xylene
Concen: 4.284 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

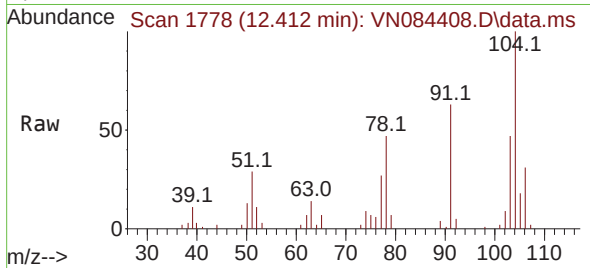
Tgt Ion:106 Resp: 15662
Ion Ratio Lower Upper
106 100
91 217.4 110.9 332.9





#69
Styrene
Concen: 4.011 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

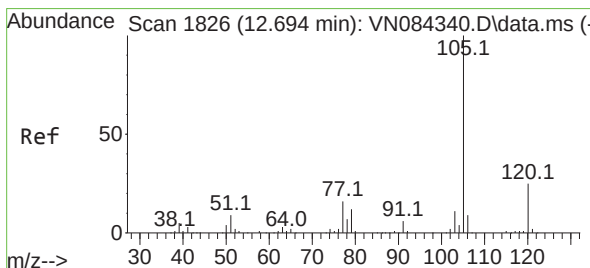
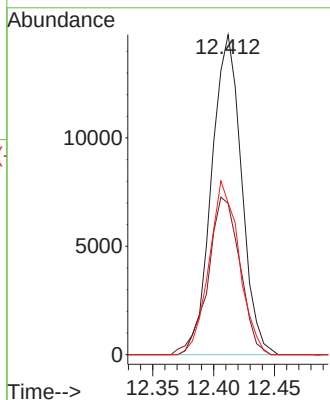
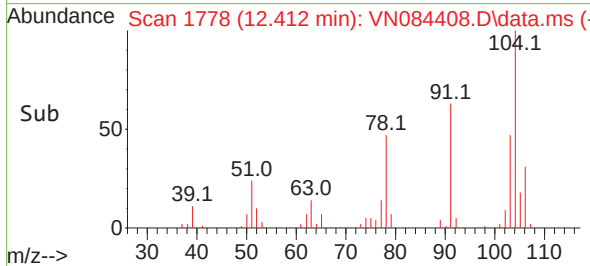
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



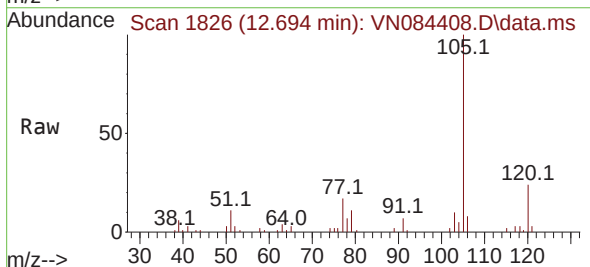
Tgt Ion:104 Resp: 2516
Ion Ratio Lower Upper
104 100
78 52.6 41.6 62.4
103 54.6 44.4 66.6

Manual Integrations
APPROVED

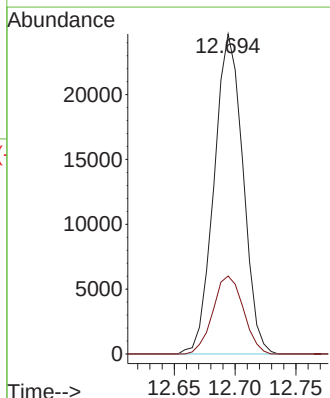
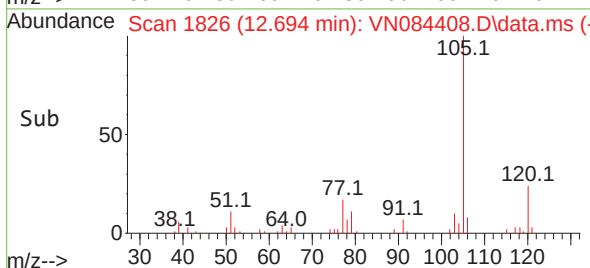
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

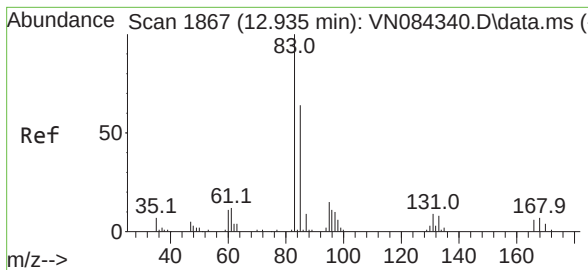


#70
Isopropylbenzene
Concen: 4.359 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22



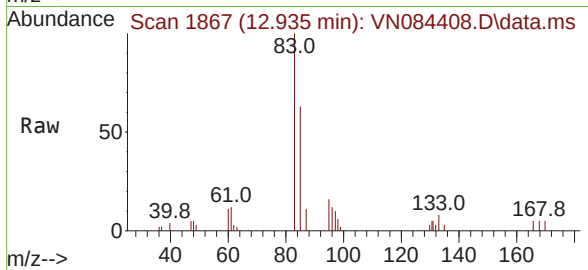
Tgt Ion:105 Resp: 40683
Ion Ratio Lower Upper
105 100
120 25.6 17.4 32.4





#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.908 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN084408.D
 Acq: 14 Oct 2024 12:22

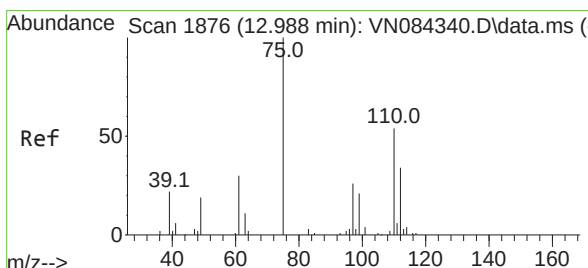
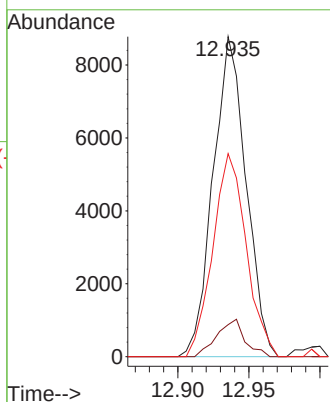
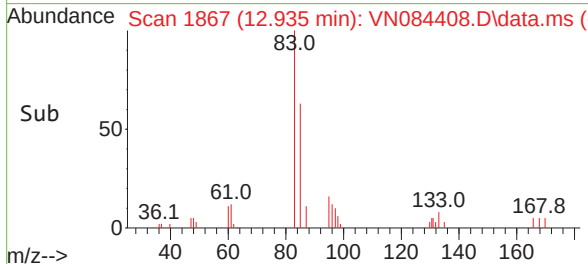
Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



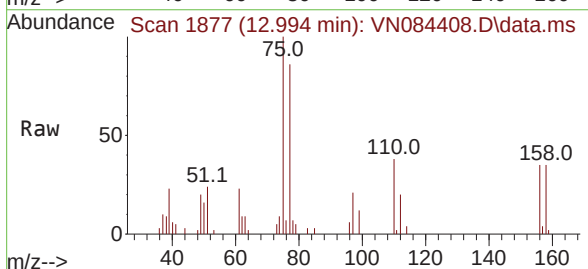
Tgt Ion: 83 Resp: 14170
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.1 15.3
 85 64.2 32.0 96.2

Manual Integrations
 APPROVED

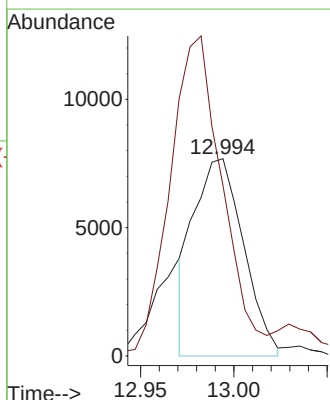
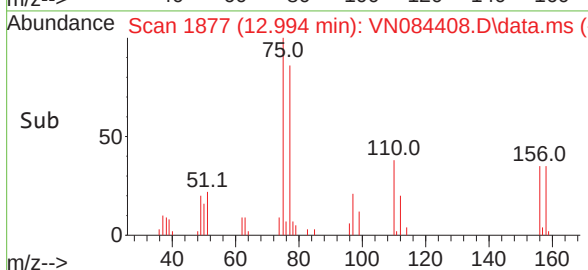
Reviewed By :John Carlone 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

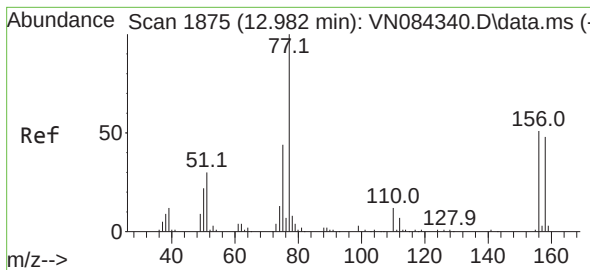


#72
 1,2,3-Trichloropropane
 Concen: 5.772 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN084408.D
 Acq: 14 Oct 2024 12:22



Tgt Ion: 75 Resp: 14270
 Ion Ratio Lower Upper
 75 100
 77 170.7 0.0 414.0





#73

Bromobenzene

Concen: 4.658 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN084408.D

Acq: 14 Oct 2024 12:22

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2024

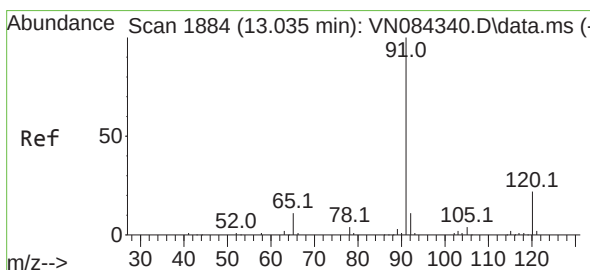
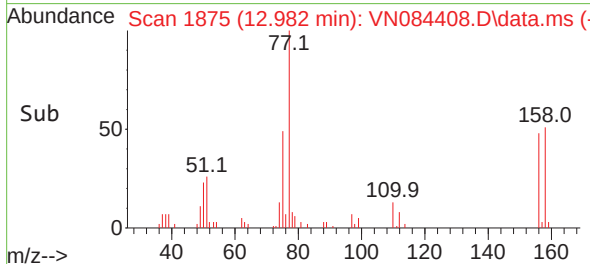
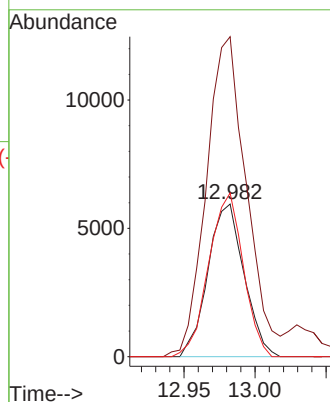
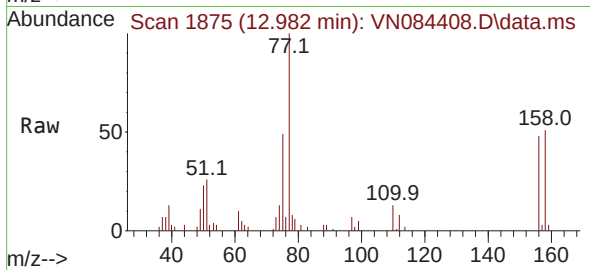
Tgt Ion:	156	Resp:	1052
Ion Ratio	Lower	Upper	
156	100		
77	231.3	0.0	451.0
158	102.2	0.0	194.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#74

n-propylbenzene

Concen: 4.196 ug/l

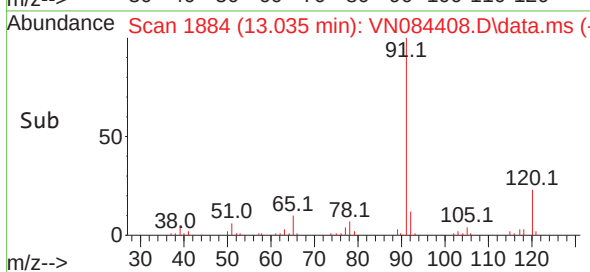
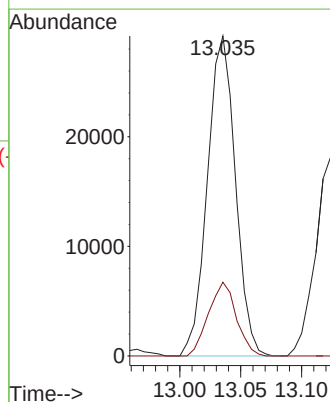
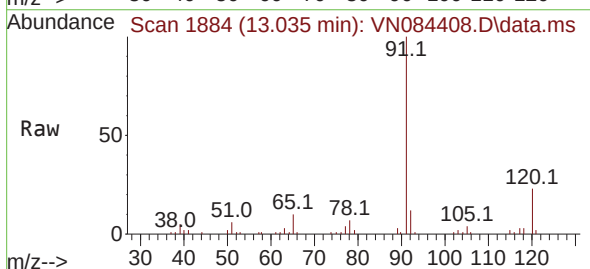
RT: 13.035 min Scan# 1884

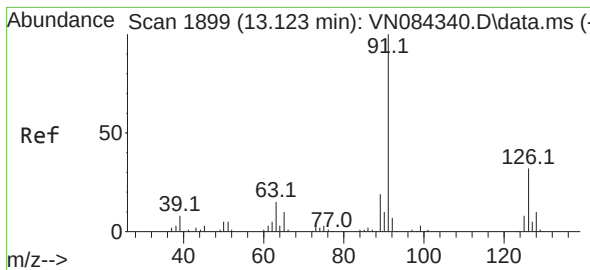
Delta R.T. 0.000 min

Lab File: VN084408.D

Acq: 14 Oct 2024 12:22

Tgt Ion:	91	Resp:	46666
Ion Ratio	Lower	Upper	
91	100		
120	22.9	0.0	43.2





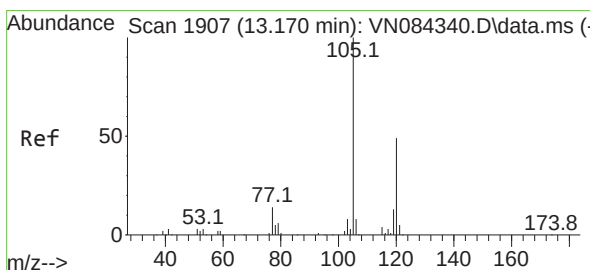
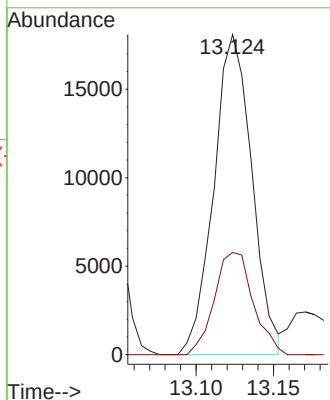
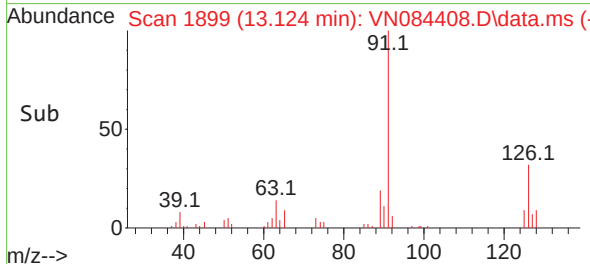
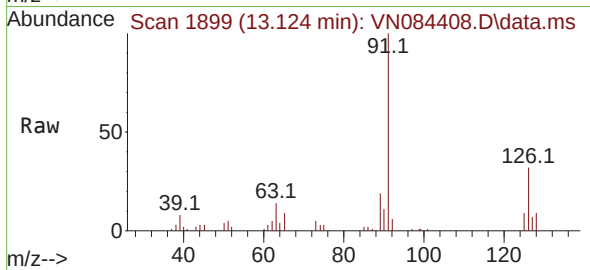
#75
2-Chlorotoluene
Concen: 4.478 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion: 91 Resp: 3094
Ion Ratio Lower Upper
91 100
126 32.5 0.0 64.0

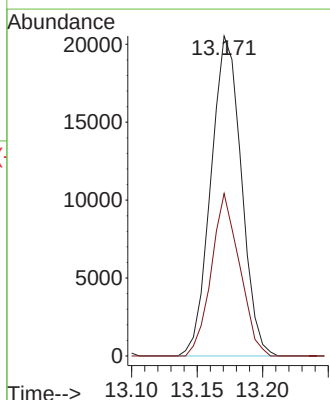
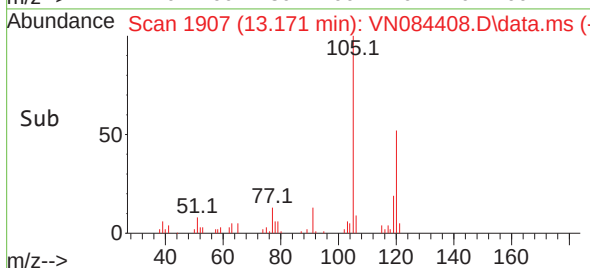
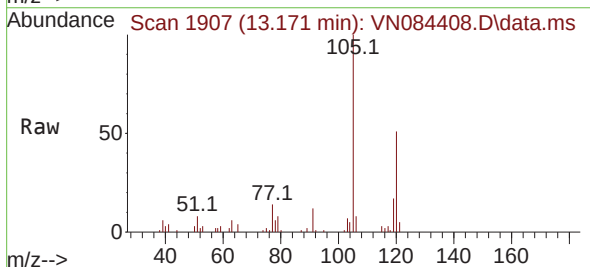
Manual Integrations
APPROVED

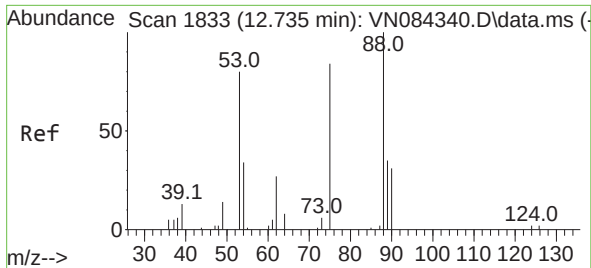
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#76
1,3,5-Trimethylbenzene
Concen: 4.219 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

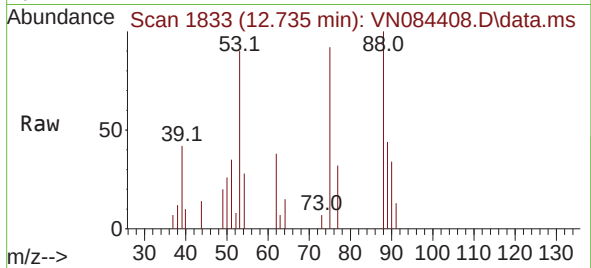
Tgt Ion:105 Resp: 33148
Ion Ratio Lower Upper
105 100
120 47.1 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 3.932 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

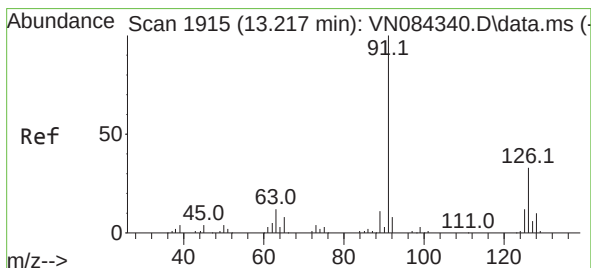
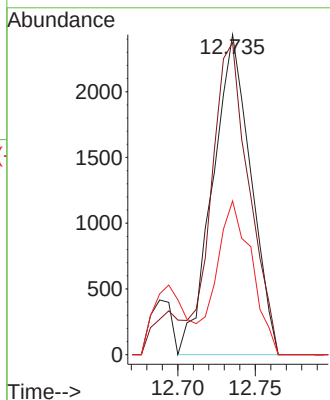
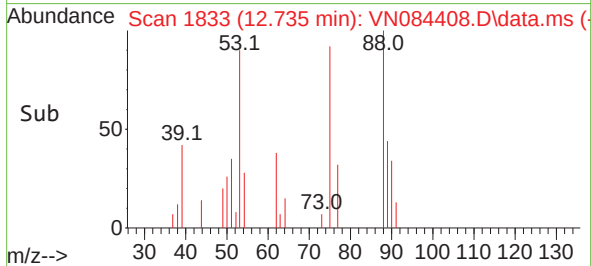
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 75 Resp: 4154
Ion Ratio Lower Upper
75 100
53 97.5 47.3 142.0
89 48.0 22.9 68.8

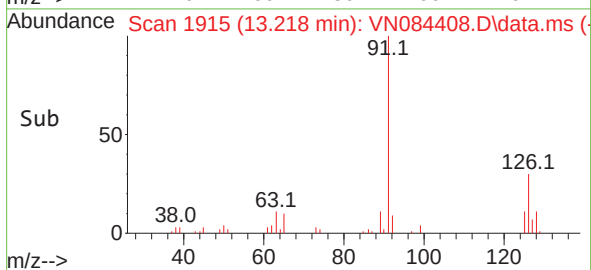
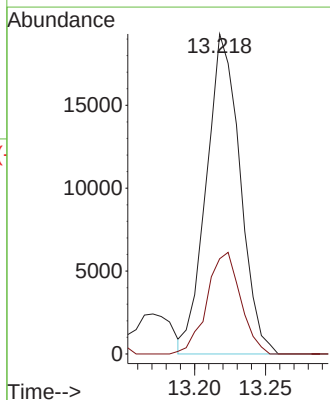
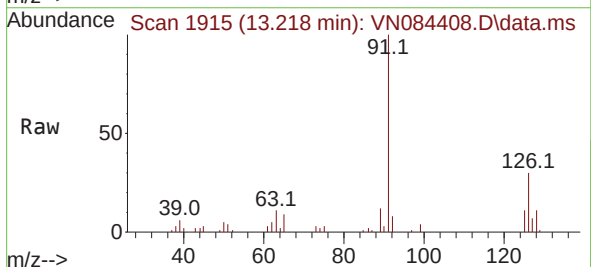
Manual Integrations
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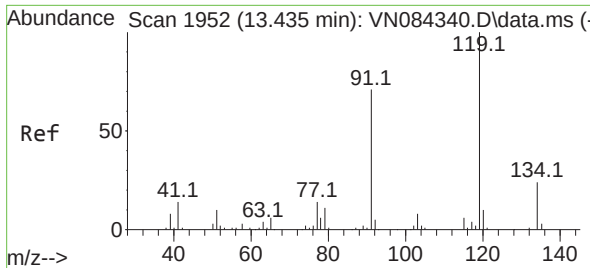
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#78
4-Chlorotoluene
Concen: 4.531 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

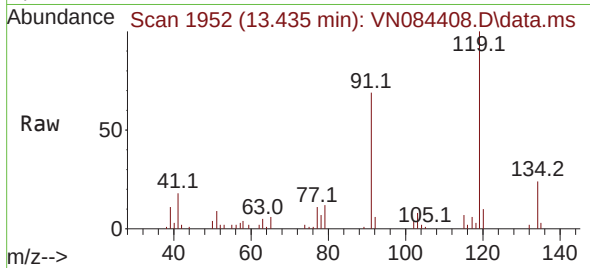
Tgt Ion: 91 Resp: 31832
Ion Ratio Lower Upper
91 100
126 31.6 0.0 62.4





#79
tert-butylbenzene
Concen: 4.293 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

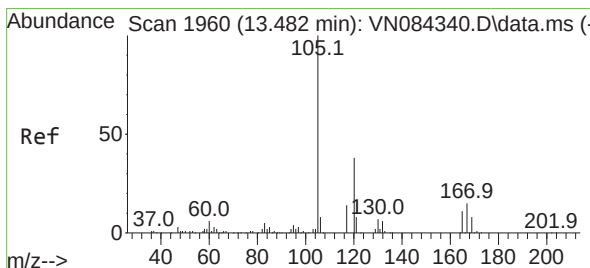
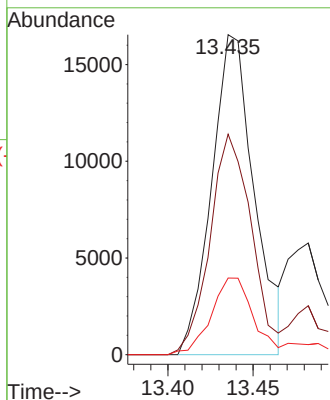
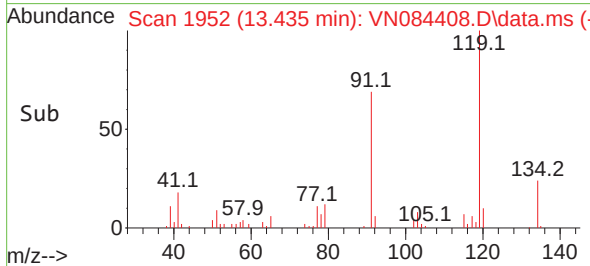
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion:119 Resp: 28778
Ion Ratio Lower Upper
119 100
91 67.0 0.0 138.0
134 23.4 0.0 48.8

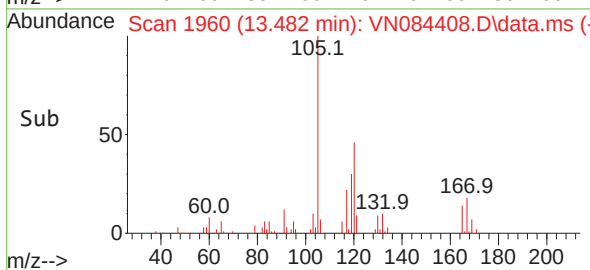
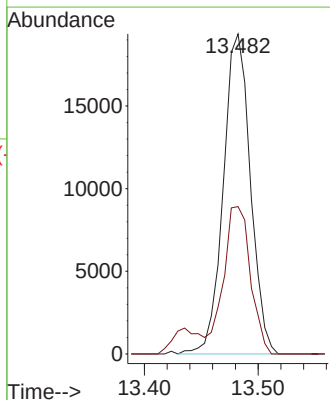
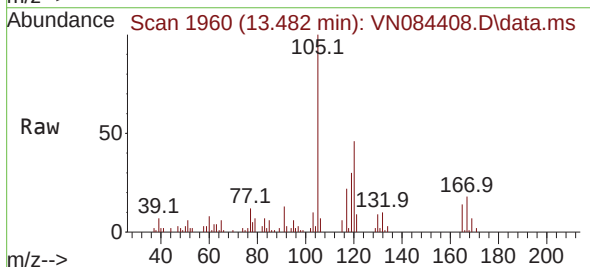
Manual Integrations
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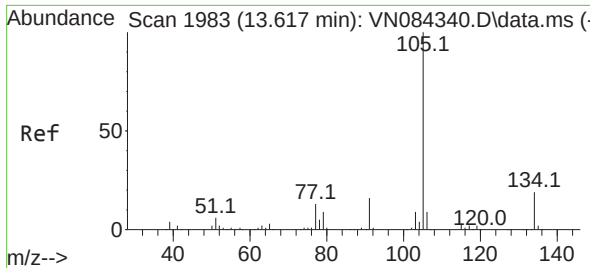
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#80
1,2,4-Trimethylbenzene
Concen: 4.019 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

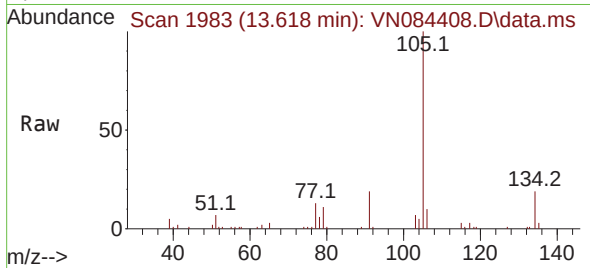
Tgt Ion:105 Resp: 32042
Ion Ratio Lower Upper
105 100
120 45.9 0.0 88.8





#81
 sec-Butylbenzene
 Concen: 4.203 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN084408.D
 Acq: 14 Oct 2024 12:22

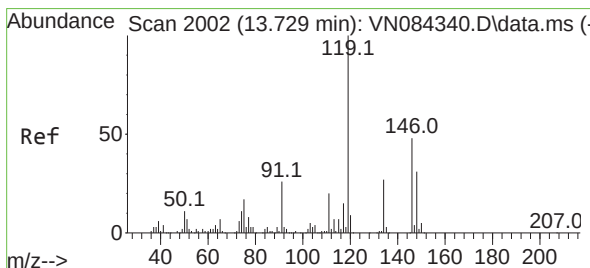
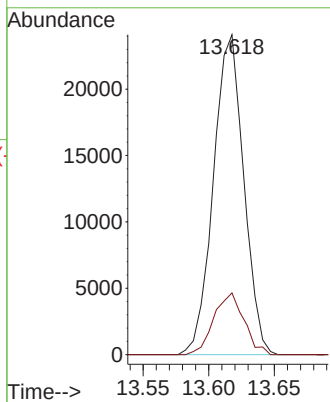
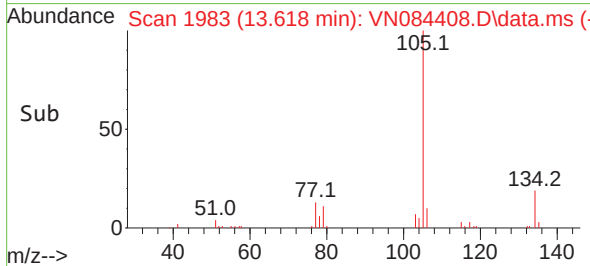
Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



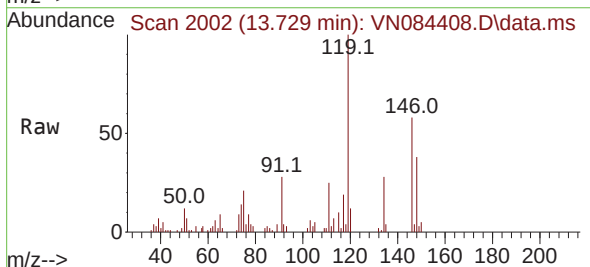
Tgt Ion:105 Resp: 3878
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 38.0

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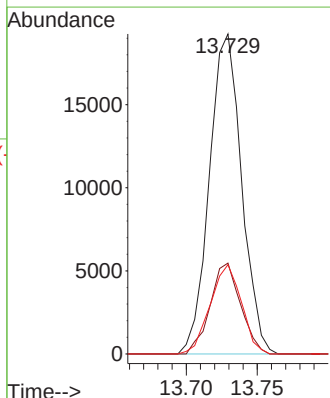
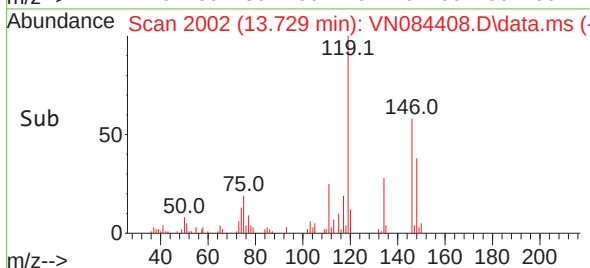
Reviewed By :John Carlone 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

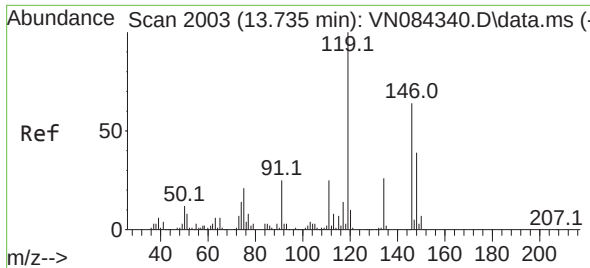


#82
 p-Isopropyltoluene
 Concen: 3.916 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084408.D
 Acq: 14 Oct 2024 12:22



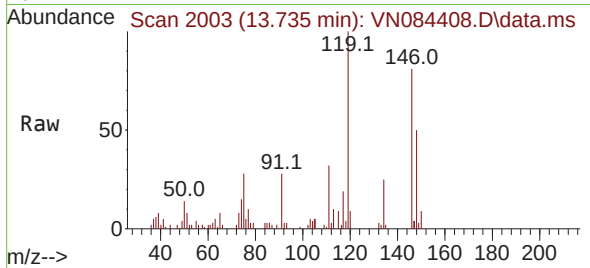
Tgt Ion:119 Resp: 30421
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 50.2
 91 26.9 0.0 50.6





#83
 1,3-Dichlorobenzene
 Concen: 4.636 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN084408.D
 Acq: 14 Oct 2024 12:22

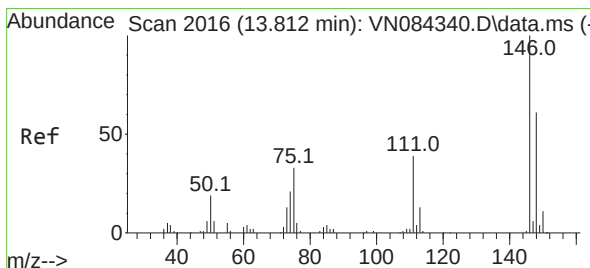
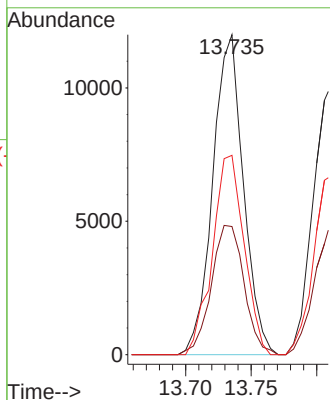
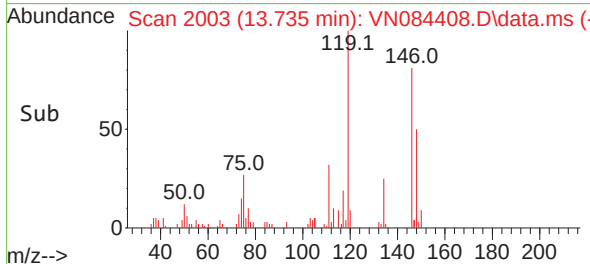
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



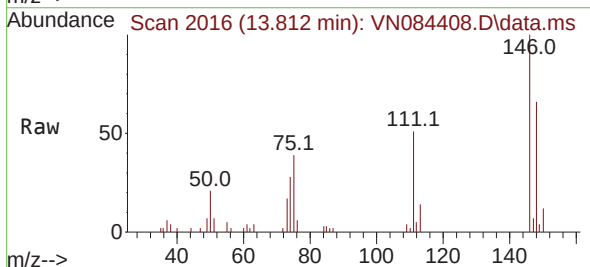
Tgt Ion:146 Resp: 1948
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.6 61.9
 148 64.3 31.6 94.7

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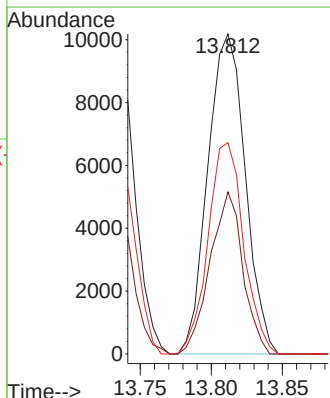
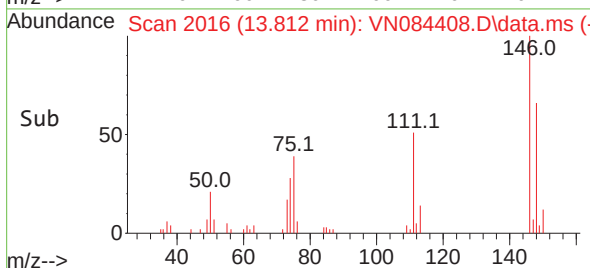
Reviewed By :John Carlone 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

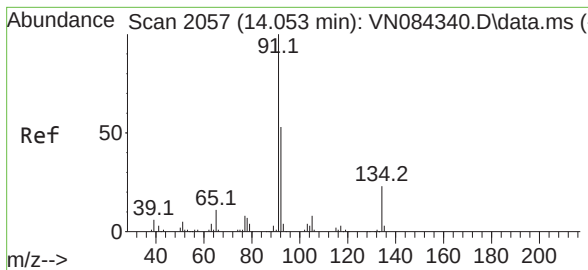


#84
 1,4-Dichlorobenzene
 Concen: 4.473 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN084408.D
 Acq: 14 Oct 2024 12:22



Tgt Ion:146 Resp: 18666
 Ion Ratio Lower Upper
 146 100
 111 44.3 20.5 61.5
 148 62.7 32.5 97.4





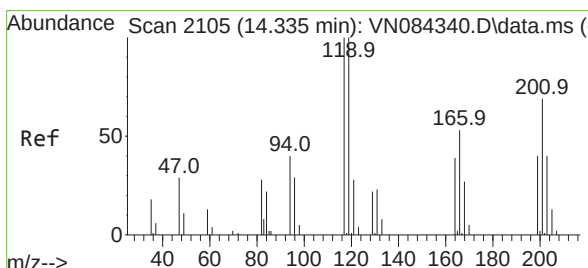
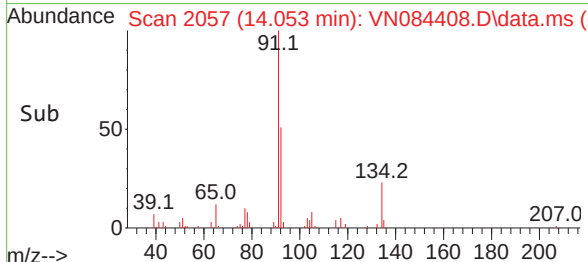
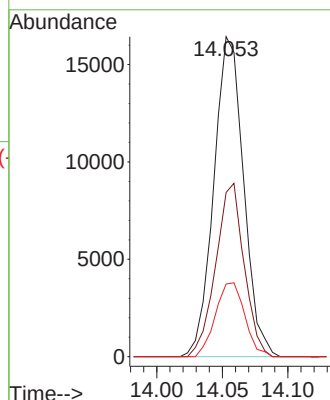
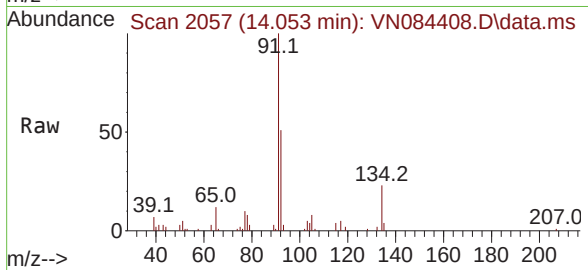
#85
n-Butylbenzene
Concen: 3.860 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 91	Resp: 25970
Ion Ratio	Lower Upper
91 100	
92 51.5	0.0 103.4
134 22.7	0.0 48.0

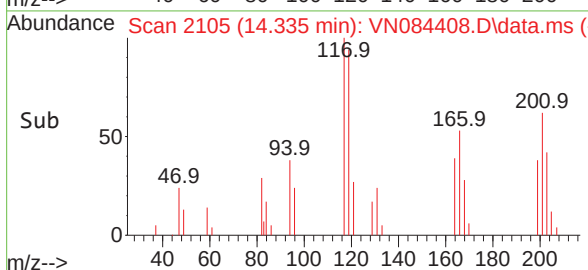
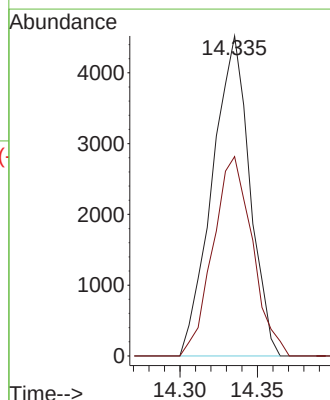
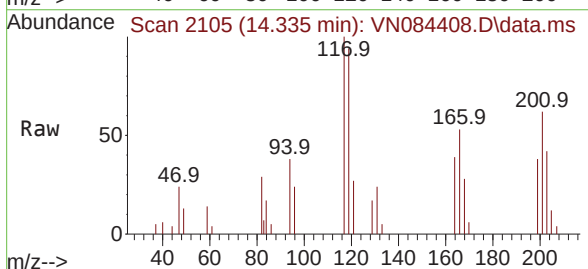
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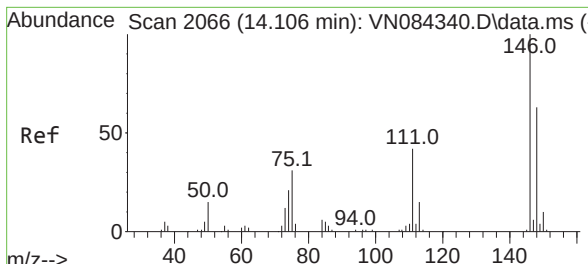
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#86
Hexachloroethane
Concen: 5.080 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

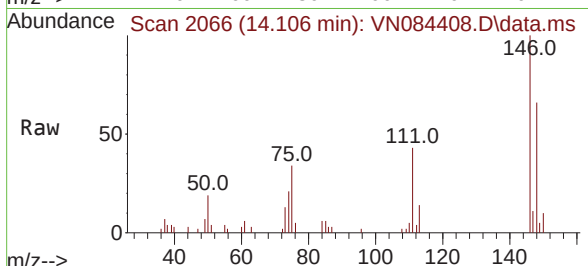
Tgt Ion:117	Resp: 7603
Ion Ratio	Lower Upper
117 100	
201 65.4	33.9 101.6





#87
 1,2-Dichlorobenzene
 Concen: 4.486 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN084408.D
 Acq: 14 Oct 2024 12:22

Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

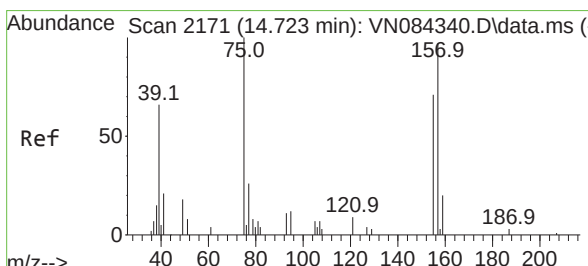
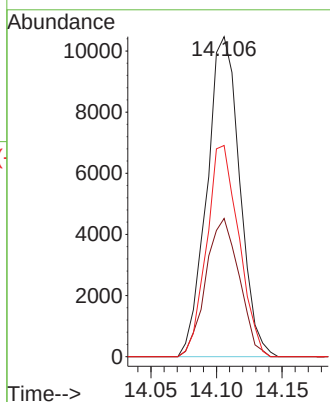
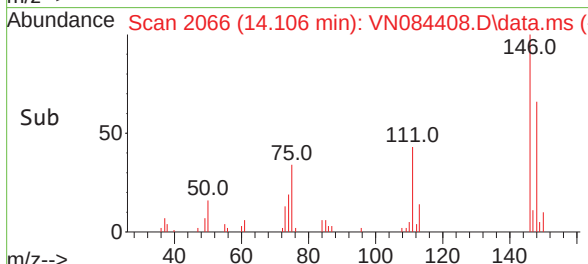


Tgt Ion:146 Resp: 18220

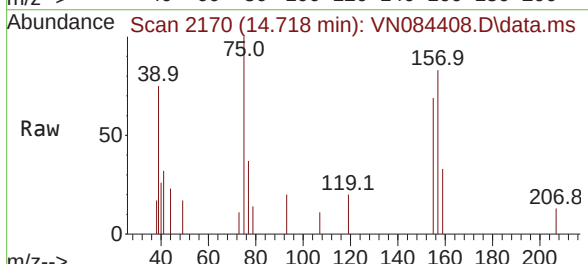
Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.9	65.5
148	64.8	31.1	93.5

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Reviewed By :John Carlone 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

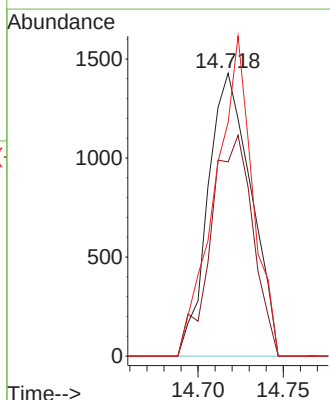
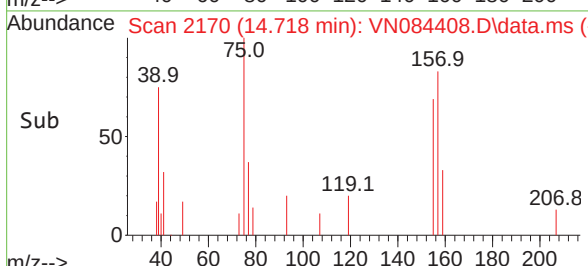


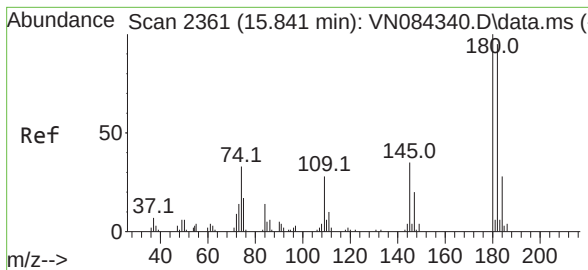
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.250 ug/l
 RT: 14.718 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN084408.D
 Acq: 14 Oct 2024 12:22



Tgt Ion: 75 Resp: 2509

Ion	Ratio	Lower	Upper
75	100		
155	76.4	61.8	92.8
157	98.0	77.4	116.0





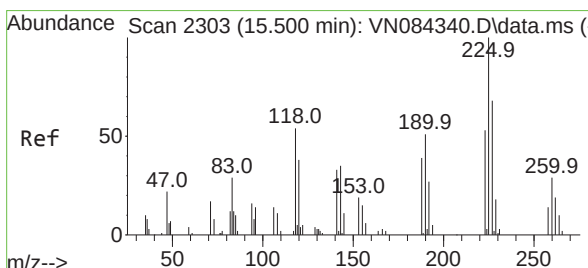
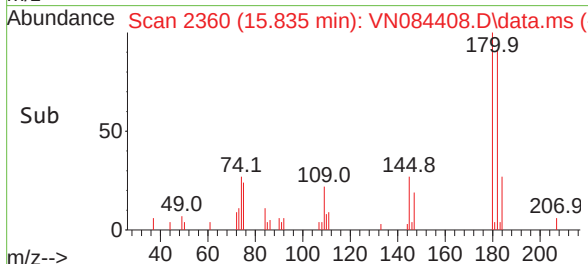
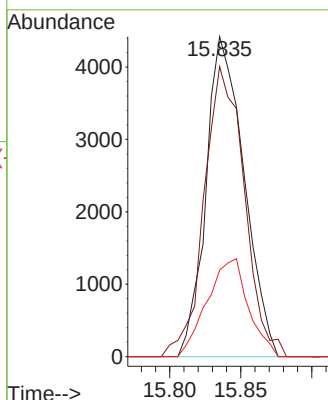
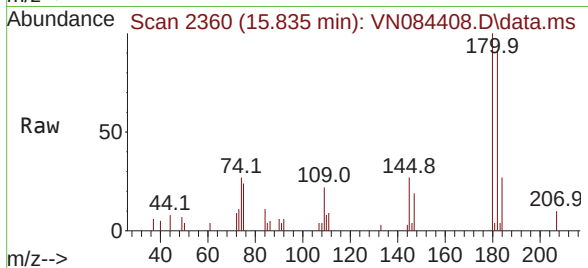
#89
1,2,4-Trichlorobenzene
Concen: 3.900 ug/l
RT: 15.835 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:180 Resp: 8238
Ion Ratio Lower Upper
180 100
182 95.2 77.8 116.6
145 33.0 28.9 43.3

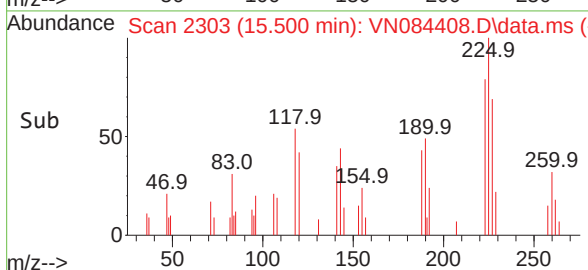
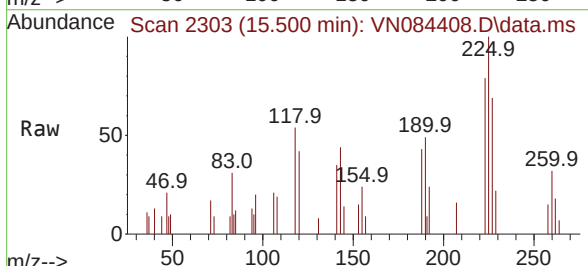
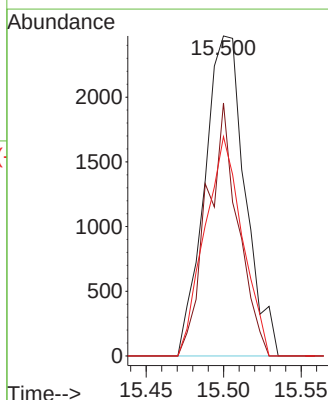
Manual Integrations
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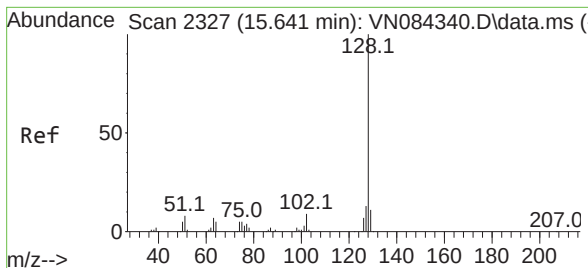
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#90
Hexachlorobutadiene
Concen: 4.605 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

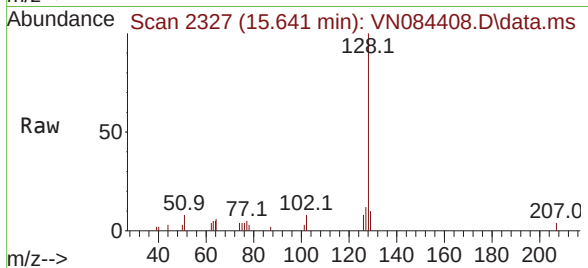
Tgt Ion:225 Resp: 4501
Ion Ratio Lower Upper
225 100
223 61.0 0.0 124.0
227 63.6 0.0 130.8





#91
Naphthalene
Concen: 2.897 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

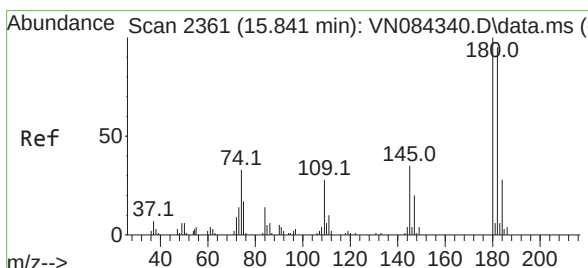
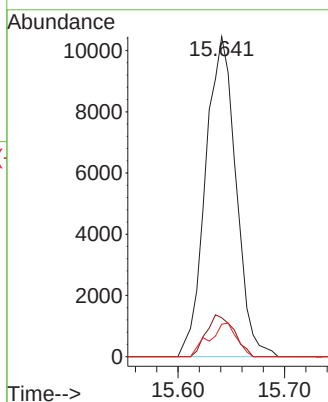
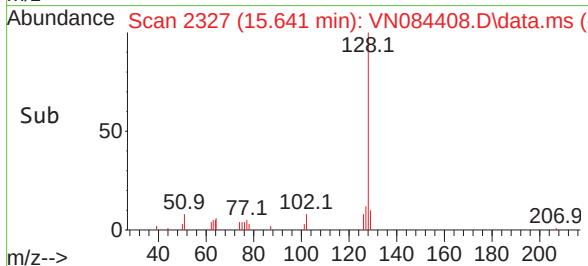
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.3	15.5
129	7.0	8.8	13.2

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Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#92
1,2,3-Trichlorobenzene
Concen: 3.900 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN084408.D
Acq: 14 Oct 2024 12:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	0.0	194.4
145	33.0	0.0	72.2

