

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101124\
 Data File : VN084397.D
 Acq On : 11 Oct 2024 13:53
 Operator : JC\MD
 Sample : P4368-09 0.2PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Quant Time: Oct 14 02:53:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 02:44:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/14/2024
 Supervised By : Mahesh Dadoda 10/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	170479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132979	52.609	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.220%			
35) Dibromofluoromethane	8.165	113	104572	52.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.720%			
50) Toluene-d8	10.565	98	370537	50.429	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.860%			
62) 4-Bromofluorobenzene	12.847	95	130540	48.767	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	538	0.267	ug/l #	39
3) Chloromethane	2.359	50	801	0.348	ug/l #	41
4) Vinyl Chloride	2.518	62	632	0.283	ug/l #	27
5) Bromomethane	2.965	94	752	0.511	ug/l	89
6) Chloroethane	3.142	64	1100m	0.689	ug/l	
7) Trichlorofluoromethane	3.500	101	1031	0.297	ug/l #	58
8) Diethyl Ether	3.947	74	63	0.049	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	313	0.157	ug/l #	41
10) Methyl Iodide	4.589	142	553	0.216	ug/l #	40
11) Tert butyl alcohol	5.512	59	144	0.345	ug/l #	73
12) 1,1-Dichloroethene	4.353	96	409	0.213	ug/l #	72
13) Acrolein	4.194	56	577	1.206	ug/l #	14
14) Allyl chloride	5.036	41	364	0.109	ug/l #	52
15) Acrylonitrile	5.718	53	1391	1.322	ug/l #	79
16) Acetone	4.453	43	1699	1.565	ug/l #	44
17) Carbon Disulfide	4.706	76	2012	0.331	ug/l #	75
18) Methyl Acetate	5.012	43	84	0.035	ug/l #	51
19) Methyl tert-butyl Ether	5.783	73	478	0.074	ug/l #	54
20) Methylene Chloride	5.265	84	253	0.115	ug/l #	35
21) trans-1,2-Dichloroethene	5.794	96	522	0.260	ug/l #	51
22) Diisopropyl ether	6.671	45	1541	0.223	ug/l #	76
23) Vinyl Acetate	6.600	43	5354	1.047	ug/l	99
24) 1,1-Dichloroethane	6.577	63	1073	0.278	ug/l #	83
25) 2-Butanone	7.500	43	2058	1.392	ug/l #	81
26) 2,2-Dichloropropane	7.482	77	777	0.223	ug/l #	54
27) cis-1,2-Dichloroethene	7.488	96	418	0.172	ug/l	55
29) Tetrahydrofuran	7.835	42	399	0.437	ug/l #	34
30) Chloroform	7.959	83	1262	0.315	ug/l #	72
31) Cyclohexane	8.224	56	4750	1.269	ug/l #	31
32) 1,1,1-Trichloroethane	8.177	97	510	0.142	ug/l #	23
36) 1,1-Dichloropropene	8.371	75	806	0.278	ug/l #	49
37) Ethyl Acetate	7.577	43	638	0.214	ug/l #	69
38) Carbon Tetrachloride	8.359	117	899	0.283	ug/l #	86
39) Methylcyclohexane	9.594	83	842	0.261	ug/l #	71
40) Benzene	8.600	78	2523	0.279	ug/l #	84
41) Methacrylonitrile	7.771	41	164	0.102	ug/l #	40

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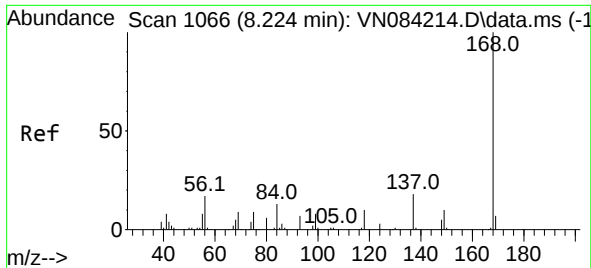
Quant Time: Oct 14 02:53:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 02:44:47 2024
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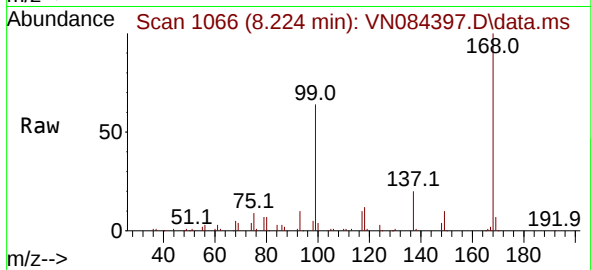
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.677	62	1123	0.367	ug/l #	75
43) Isopropyl Acetate	8.700	43	2131	0.366	ug/l #	56
44) Trichloroethene	9.341	130	662	0.314	ug/l	63
45) 1,2-Dichloropropane	9.618	63	582	0.272	ug/l #	44
46) Dibromomethane	9.712	93	335	0.232	ug/l #	84
47) Bromodichloromethane	9.882	83	838	0.261	ug/l #	78
48) Methyl methacrylate	9.682	41	436	0.188	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	3197	1.128	ug/l	96
52) Toluene	10.629	92	1702	0.309	ug/l	85
53) t-1,3-Dichloropropene	10.835	75	767	0.235	ug/l #	43
54) cis-1,3-Dichloropropene	10.312	75	763	0.217	ug/l #	87
55) 1,1,2-Trichloroethane	11.006	97	423	0.214	ug/l #	68
56) Ethyl methacrylate	10.870	69	757	0.233	ug/l #	70
57) 1,3-Dichloropropane	11.159	76	1060	0.300	ug/l #	74
58) 2-Chloroethyl Vinyl ether	10.159	63	1113	0.738	ug/l #	65
59) 2-Hexanone	11.200	43	2459	1.161	ug/l	96
60) Dibromochloromethane	11.359	129	678	0.290	ug/l	86
61) 1,2-Dibromoethane	11.465	107	453	0.221	ug/l	88
64) Tetrachloroethene	11.100	164	568	0.309	ug/l	88
65) Chlorobenzene	11.894	112	1951	0.334	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.970	131	492	0.244	ug/l #	55
67) Ethyl Benzene	11.965	91	2470	0.239	ug/l #	85
68) m/p-Xylenes	12.070	106	1632	0.427	ug/l	85
69) o-Xylene	12.394	106	861	0.238	ug/l	85
70) Styrene	12.412	104	1381	0.225	ug/l	94
71) Bromoform	12.576	173	558	0.377	ug/l #	30
73) Isopropylbenzene	12.694	105	1816	0.217	ug/l	90
74) N-amyl acetate	12.494	43	794	0.209	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.935	83	619	0.245	ug/l #	93
76) 1,2,3-Trichloropropane	12.988	75	965m	0.430	ug/l	
77) Bromobenzene	12.976	156	519	0.257	ug/l	83
78) n-propylbenzene	13.035	91	2682	0.276	ug/l	94
79) 2-Chlorotoluene	13.129	91	1665	0.269	ug/l	94
80) 1,3,5-Trimethylbenzene	13.170	105	1611	0.235	ug/l	96
82) 4-Chlorotoluene	13.212	91	1599	0.256	ug/l	88
83) tert-Butylbenzene	13.435	119	1264	0.208	ug/l	90
84) 1,2,4-Trimethylbenzene	13.482	105	1398	0.203	ug/l	90
85) sec-Butylbenzene	13.617	105	1847	0.228	ug/l	98
86) p-Isopropyltoluene	13.735	119	1306	0.195	ug/l	92
87) 1,3-Dichlorobenzene	13.729	146	1107	0.292	ug/l	94
88) 1,4-Dichlorobenzene	13.811	146	1307m	0.341	ug/l	
89) n-Butylbenzene	14.053	91	1236	0.203	ug/l	92
90) Hexachloroethane	14.323	117	382	0.280	ug/l	61
91) 1,2-Dichlorobenzene	14.106	146	1027	0.276	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.711	75	60	0.115	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.388	180	411	0.224	ug/l #	65
94) Hexachlorobutadiene	15.488	225	132	0.144	ug/l #	55
95) Naphthalene	15.647	128	1348	0.222	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.841	180	458	0.250	ug/l #	63

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

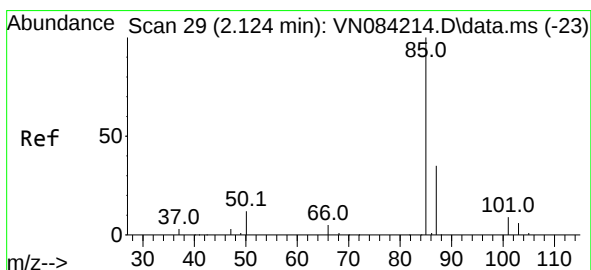
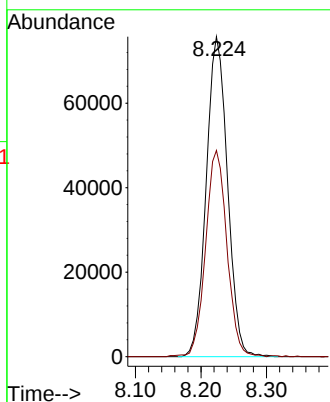
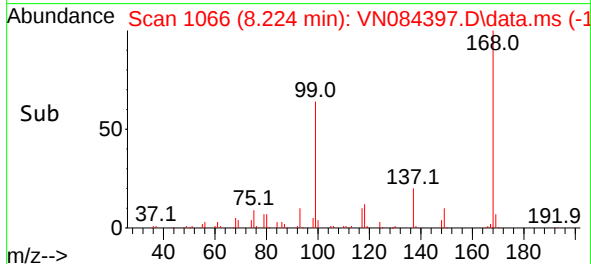
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



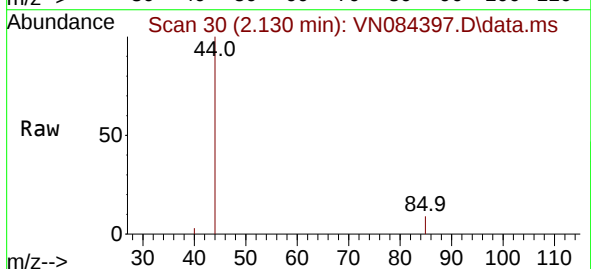
Tgt Ion:168 Resp: 170479
Ion Ratio Lower Upper
168 100
99 64.2 54.2 81.2

Manual Integrations
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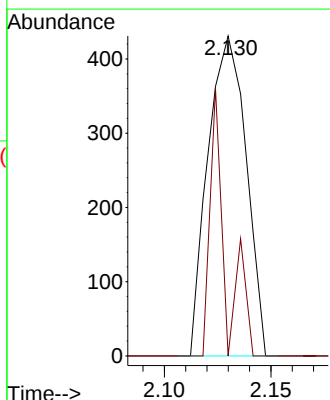
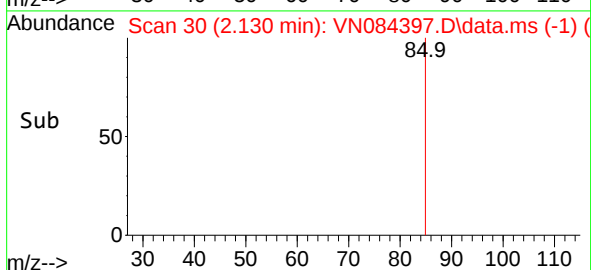
Reviewed By :John Carlone 10/14/2024
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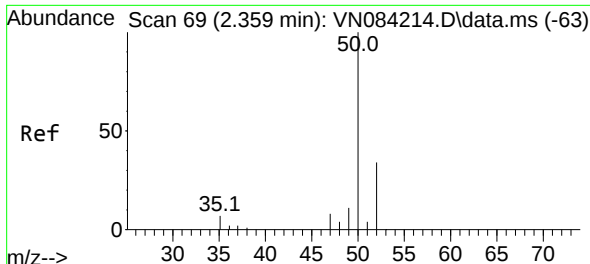


#2
Dichlorodifluoromethane
Concen: 0.267 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53



Tgt Ion: 85 Resp: 538
Ion Ratio Lower Upper
85 100
87 0.0 17.6 52.9





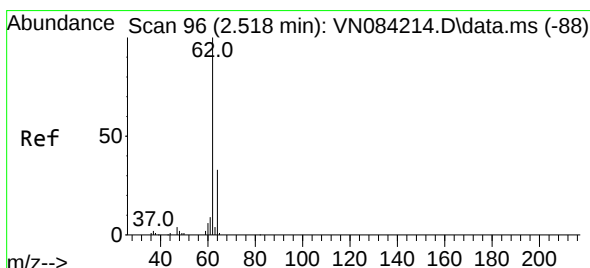
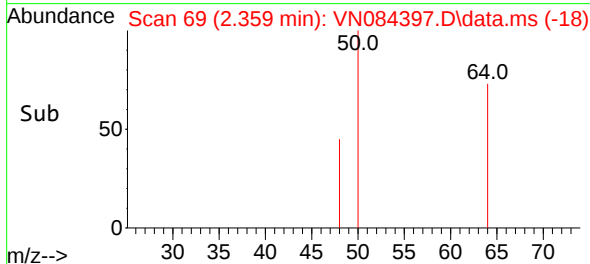
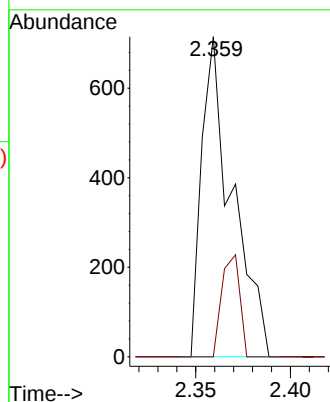
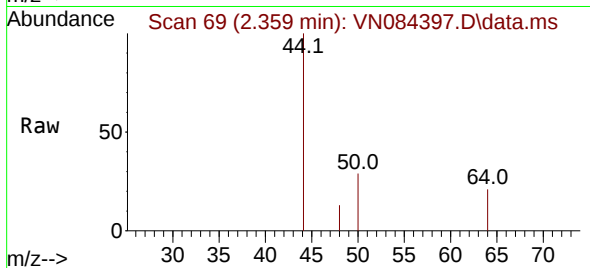
#3
Chloromethane
Concen: 0.348 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 50 Resp: 80
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2

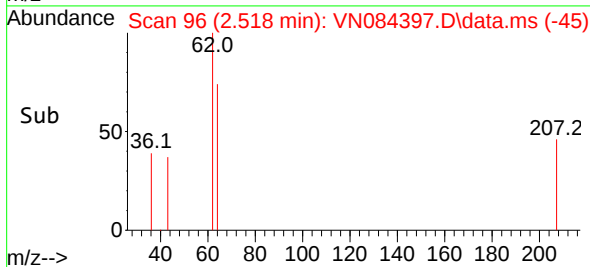
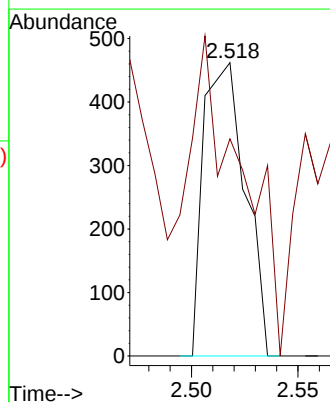
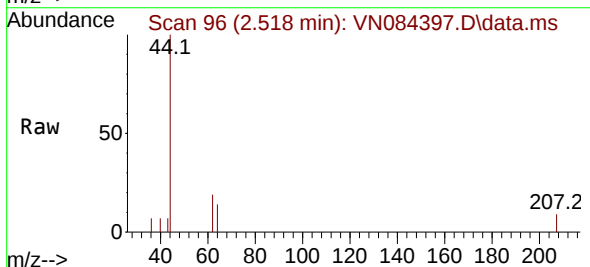
Manual Integrations
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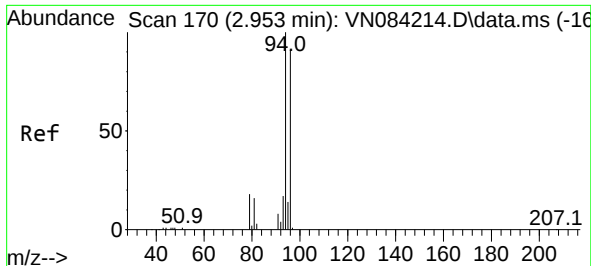
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#4
Vinyl Chloride
Concen: 0.283 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

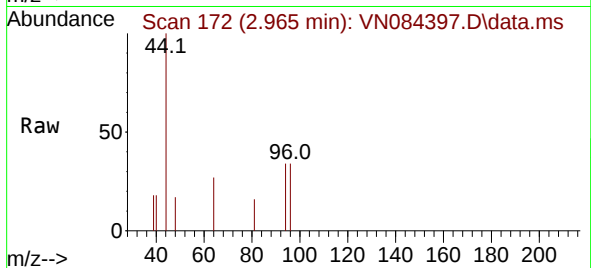
Tgt Ion: 62 Resp: 632
Ion Ratio Lower Upper
62 100
64 74.0 26.2 39.4





#5
Bromomethane
Concen: 0.511 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

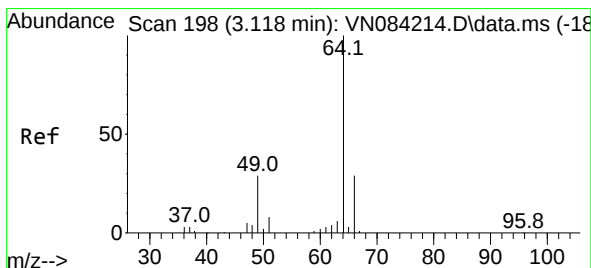
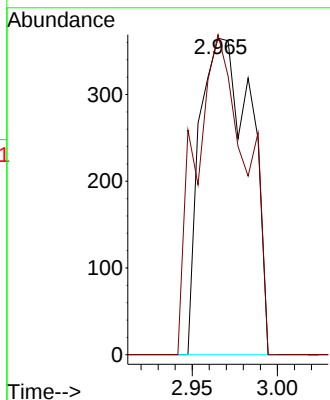
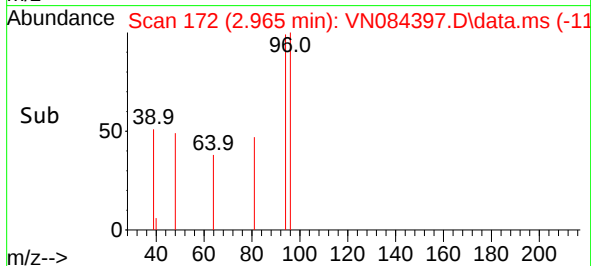
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



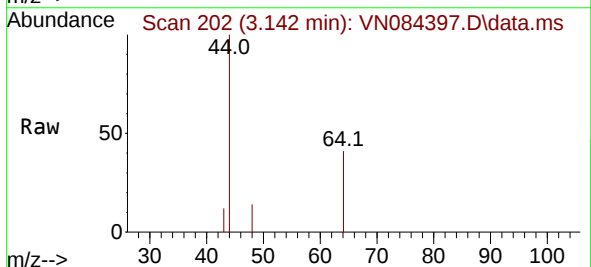
Tgt Ion: 94 Resp: 752
Ion Ratio Lower Upper
94 100
96 101.1 72.9 109.3

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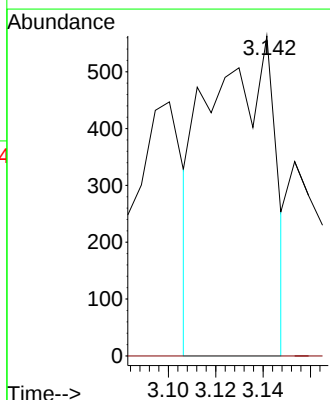
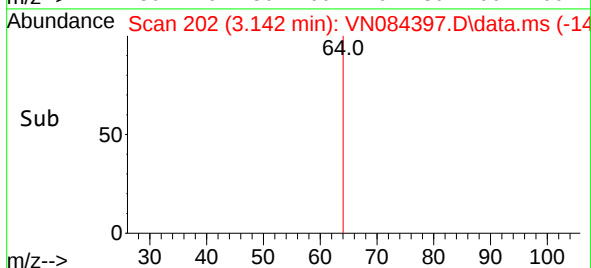
Reviewed By :John Carlone 10/14/2024
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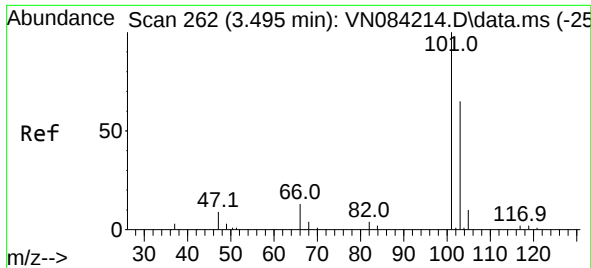


#6
Chloroethane
Concen: 0.689 ug/l m
RT: 3.142 min Scan# 202
Delta R.T. 0.023 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53



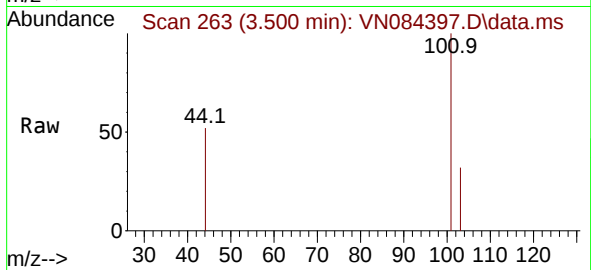
Tgt Ion: 64 Resp: 1100
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#





#7
 Trichlorofluoromethane
 Concen: 0.297 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VN084397.D
 Acq: 11 Oct 2024 13:53

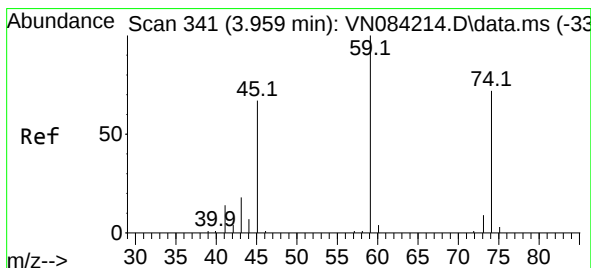
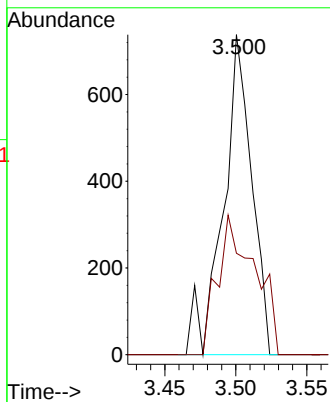
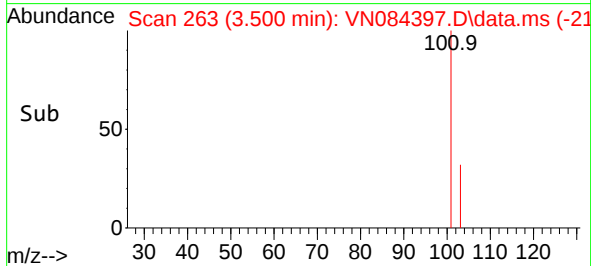
Instrument :
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 MDL-WATER-03-QT4-2024



Tgt Ion:101 Resp: 103
 Ion Ratio Lower Upper
 101 100
 103 31.7 51.8 77.6

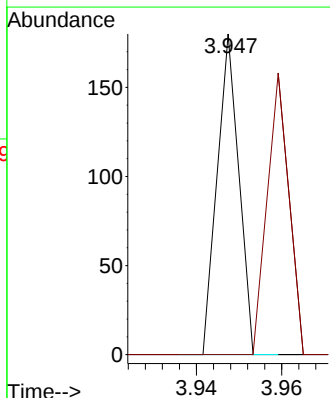
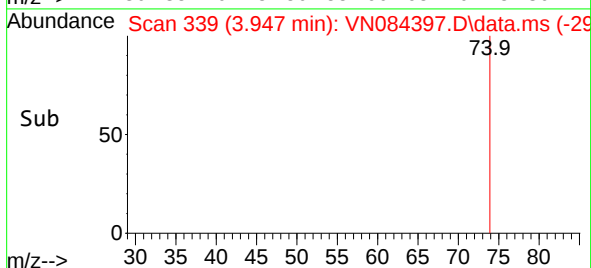
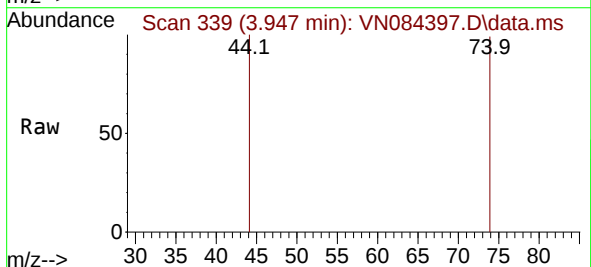
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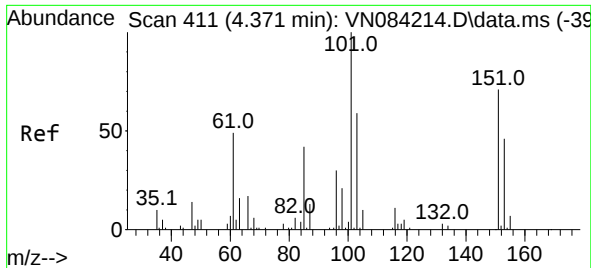
Reviewed By :John Carlone 10/14/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#8
 Diethyl Ether
 Concen: 0.049 ug/l
 RT: 3.947 min Scan# 339
 Delta R.T. -0.012 min
 Lab File: VN084397.D
 Acq: 11 Oct 2024 13:53

Tgt Ion: 74 Resp: 63
 Ion Ratio Lower Upper
 74 100
 45 88.9 47.7 143.1





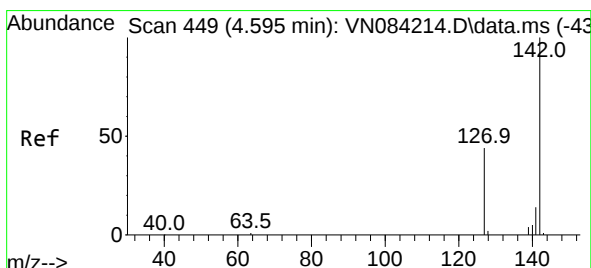
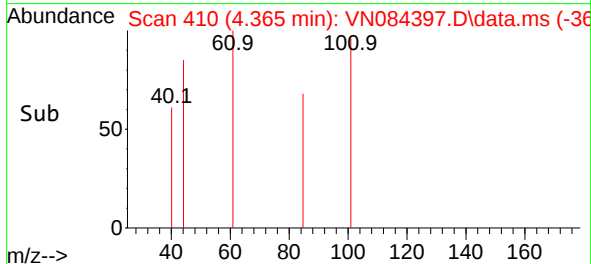
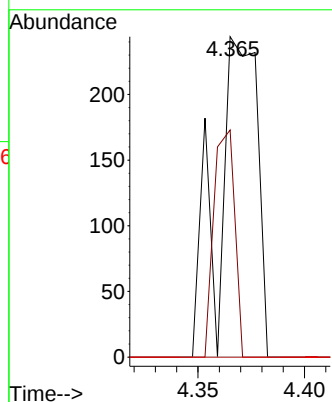
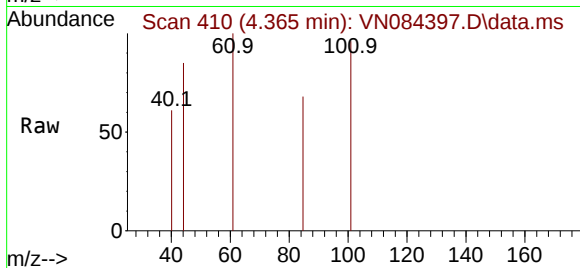
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1,1,2-Trichlorotrifluoroethane
Concen: 0.157 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:101 Resp: 311
Ion Ratio Lower Upper
101 100
85 37.4 36.2 54.4
151 0.0 59.3 88.9

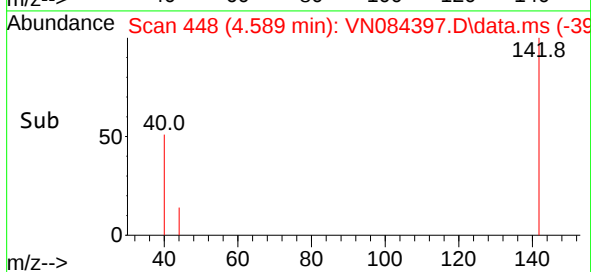
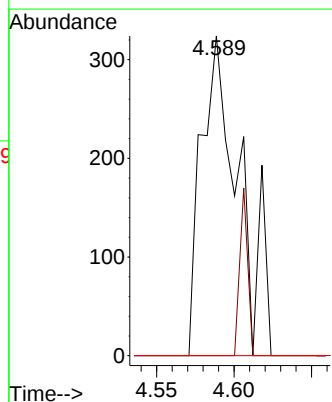
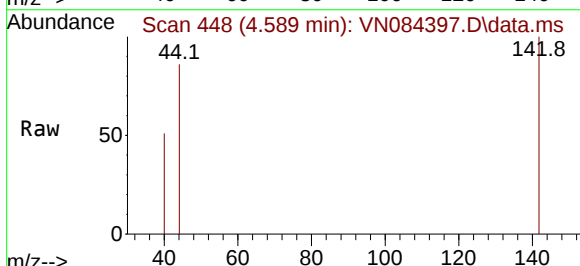
Manual Integrations
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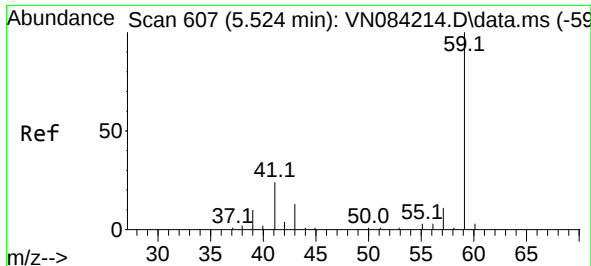
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#10
Methyl Iodide
Concen: 0.216 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

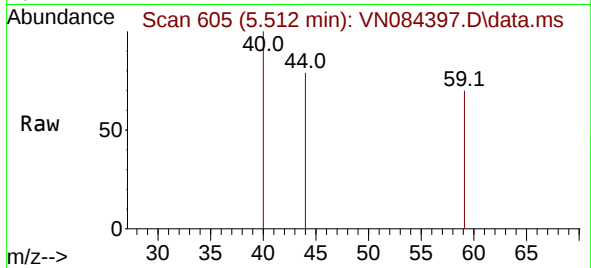
Tgt Ion:142 Resp: 553
Ion Ratio Lower Upper
142 100
127 0.0 35.3 52.9#
141 0.0 11.0 16.6#





#11
Tert butyl alcohol
Concen: 0.345 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

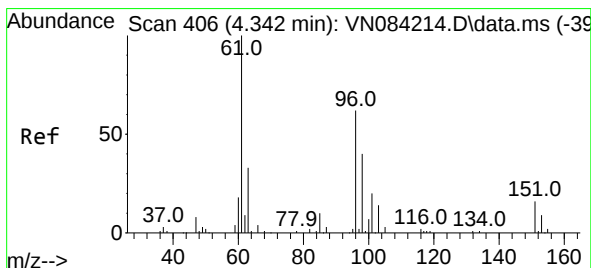
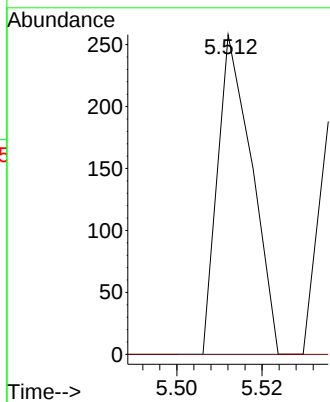
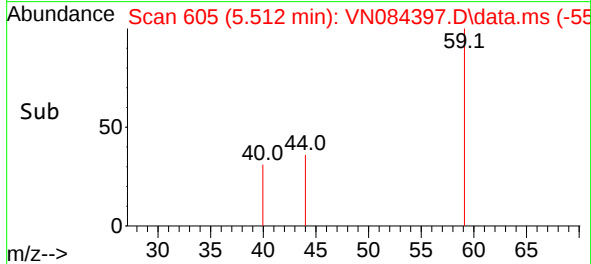
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



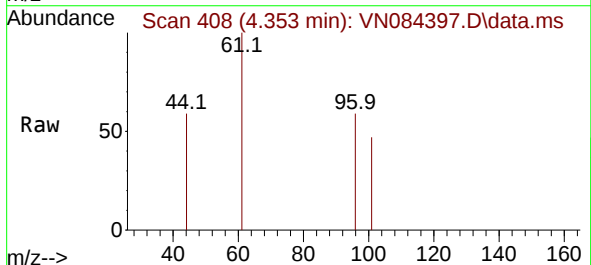
Tgt Ion: 59 Resp: 144
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2

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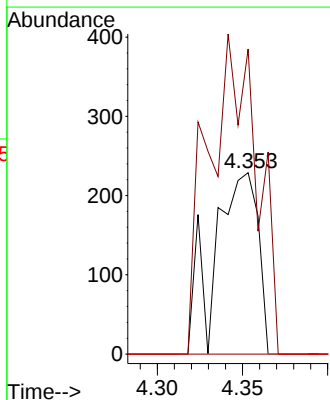
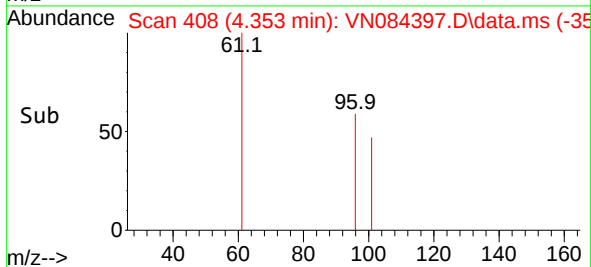
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

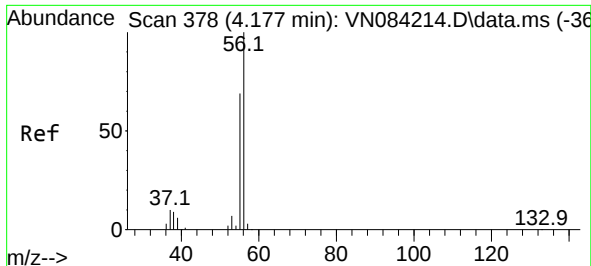


#12
1,1-Dichloroethene
Concen: 0.213 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53



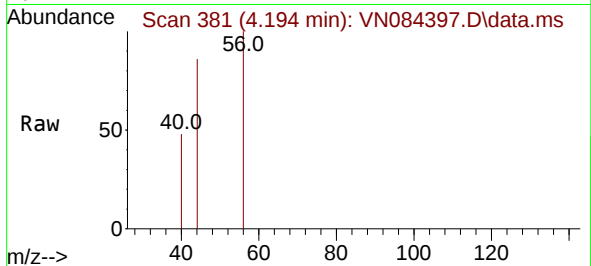
Tgt Ion: 96 Resp: 409
Ion Ratio Lower Upper
96 100
61 168.1 128.6 192.8
98 0.0 51.7 77.5





#13
Acrolein
Concen: 1.206 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

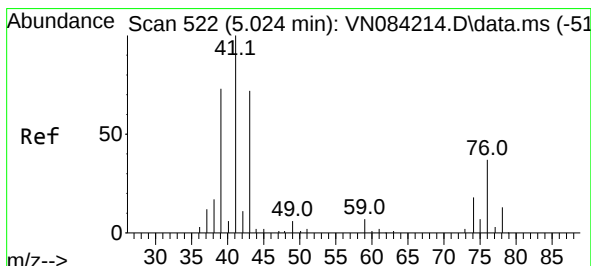
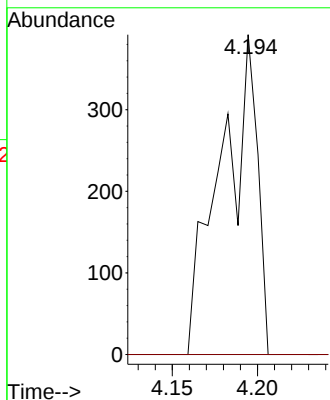
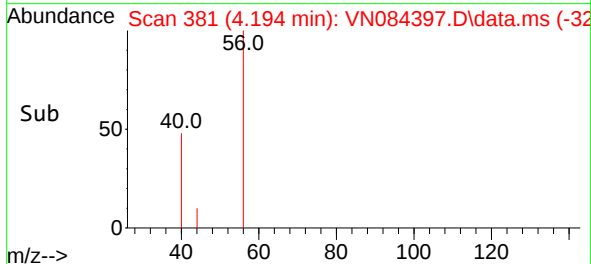
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 56 Resp: 572
Ion Ratio Lower Upper
56 100
55 0.0 57.2 85.8

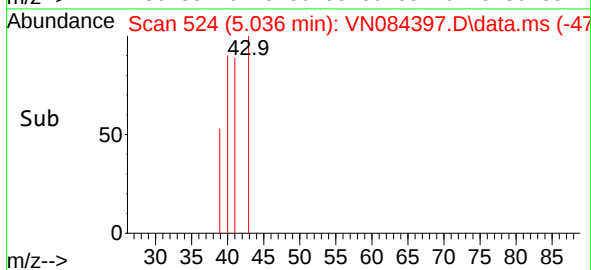
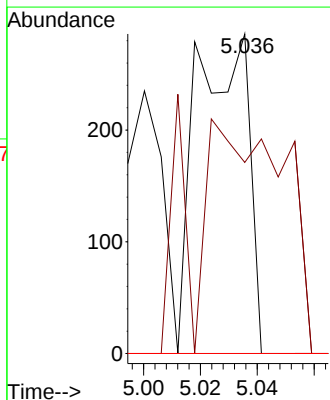
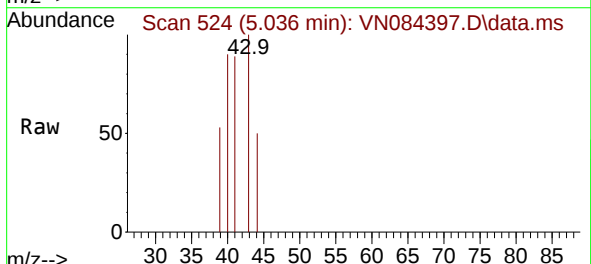
Manual Integrations
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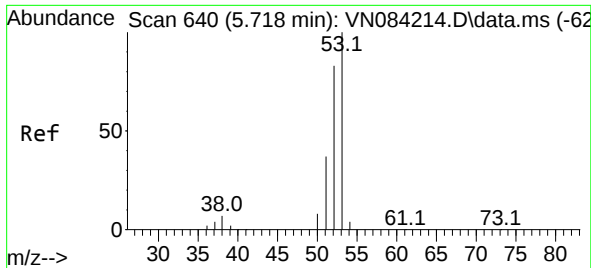
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#14
Allyl chloride
Concen: 0.109 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

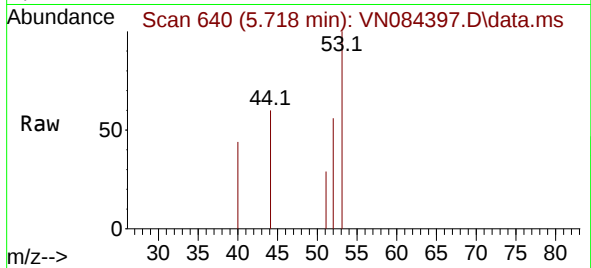
Tgt Ion: 41 Resp: 364
Ion Ratio Lower Upper
41 100
39 107.7 59.0 88.6#
76 0.0 29.8 44.6#





#15
Acrylonitrile
Concen: 1.322 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

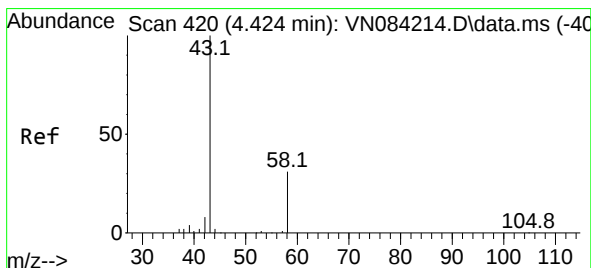
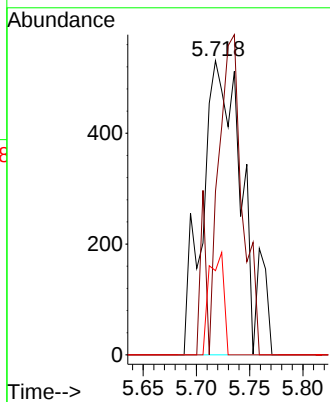
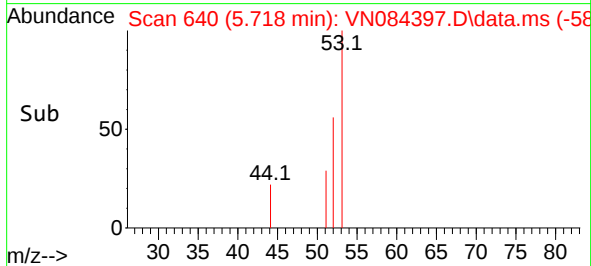
Instrument : MSVOA_N
Client Sample Id : MDL-WATER-03-QT4-2024



Tgt Ion: 53 Resp: 139
Ion Ratio Lower Upper
53 100
52 70.9 66.2 99.4
51 12.7 28.8 43.2

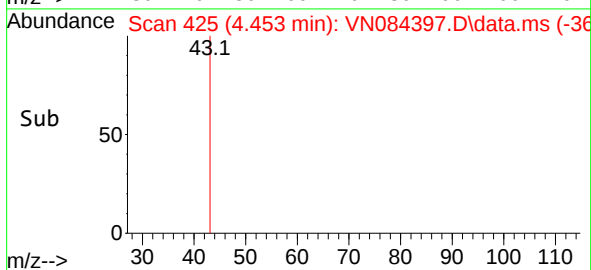
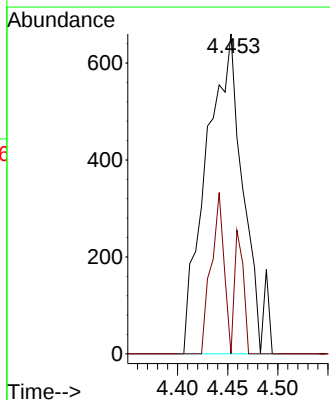
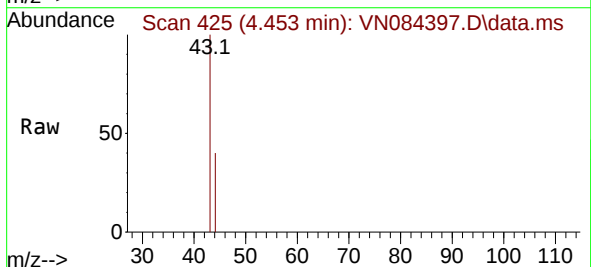
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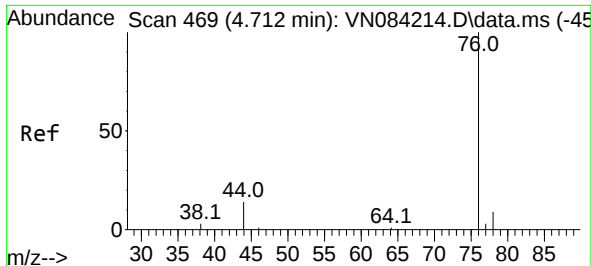
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#16
Acetone
Concen: 1.565 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.029 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

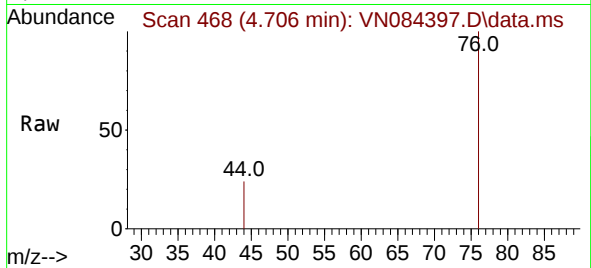
Tgt Ion: 43 Resp: 1699
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6





#17
Carbon Disulfide
Concen: 0.331 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

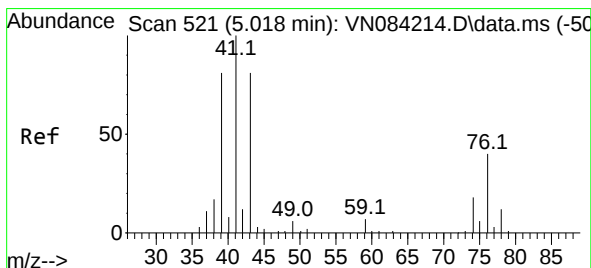
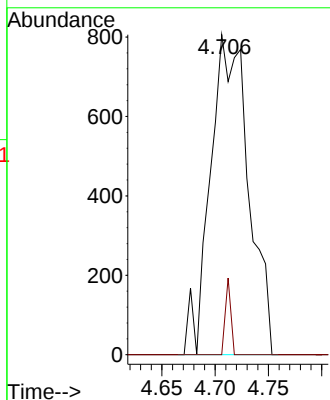
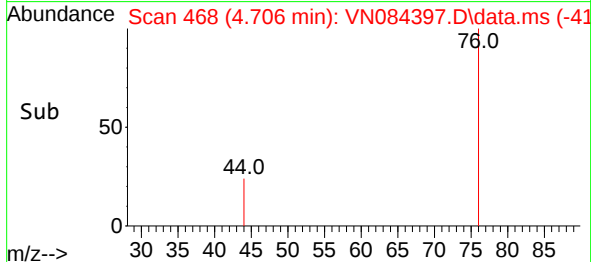
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 76 Resp: 201
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9

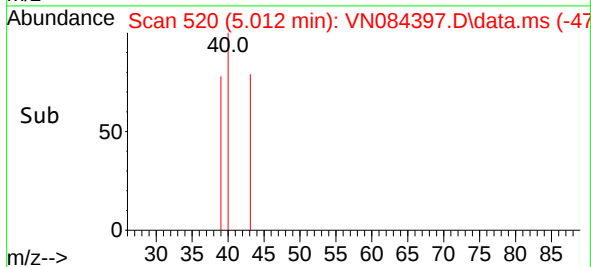
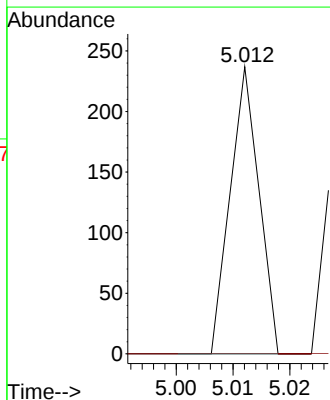
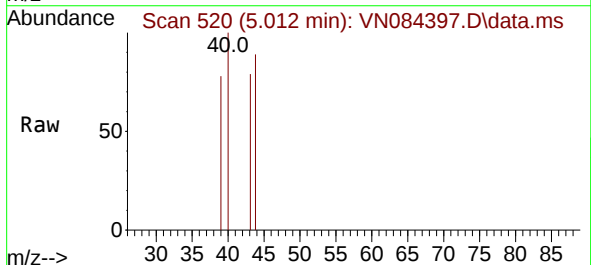
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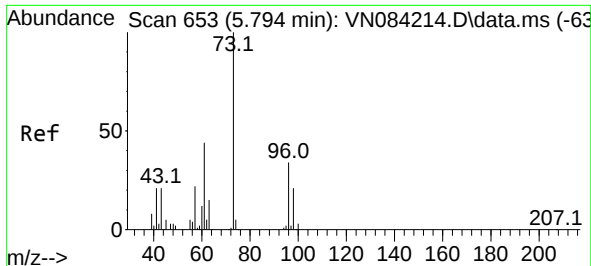
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#18
Methyl Acetate
Concen: 0.035 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

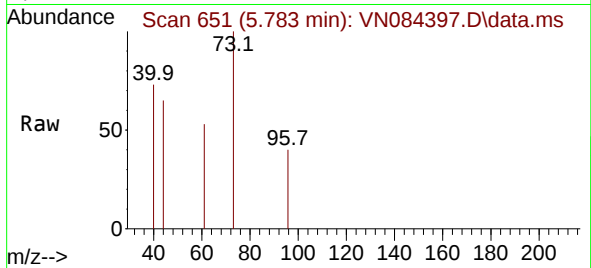
Tgt Ion: 43 Resp: 84
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 0.074 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.012 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

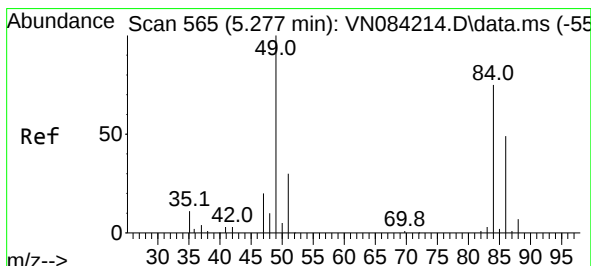
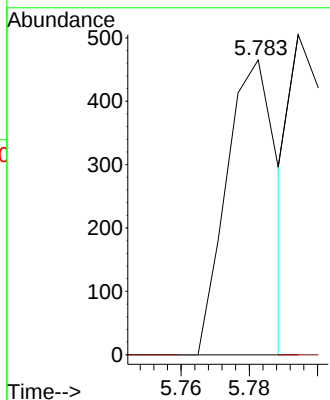
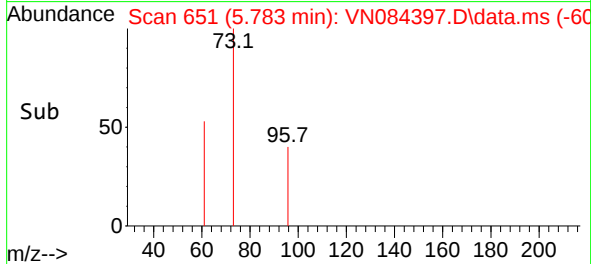
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 73 Resp: 478
Ion Ratio Lower Upper
73 100
57 0.0 17.7 26.5

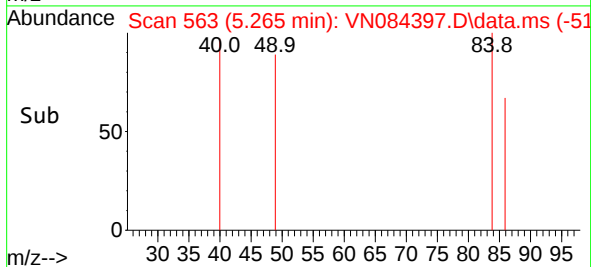
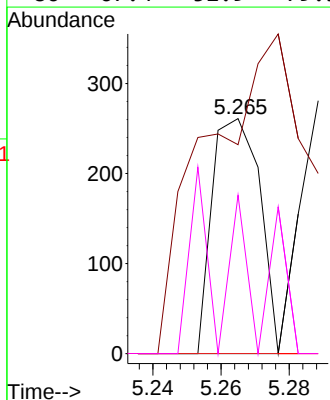
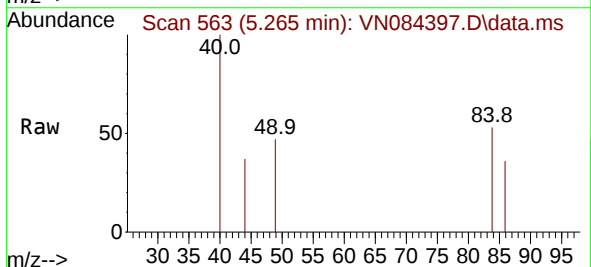
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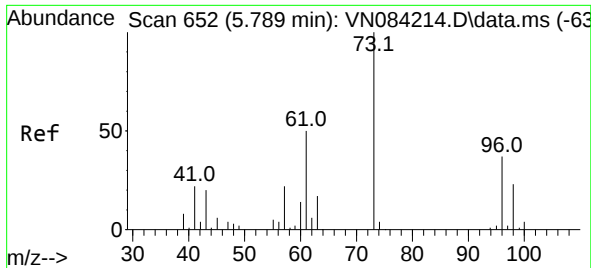
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#20
Methylene Chloride
Concen: 0.115 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Tgt Ion: 84 Resp: 253
Ion Ratio Lower Upper
84 100
49 19.9 107.2 160.8#
51 0.0 31.8 47.8#
86 67.4 52.9 79.3





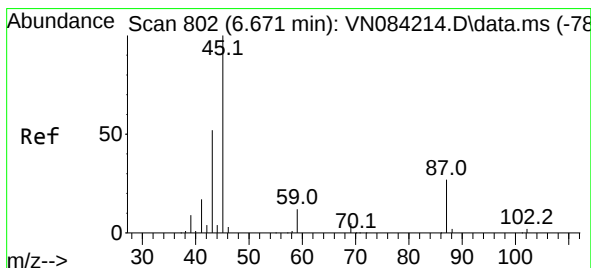
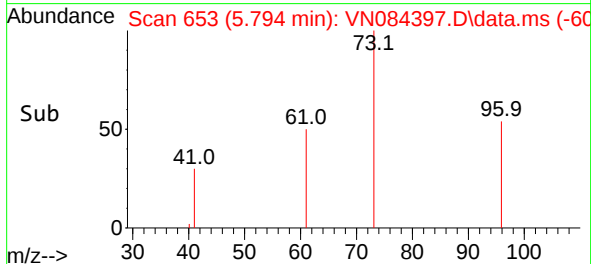
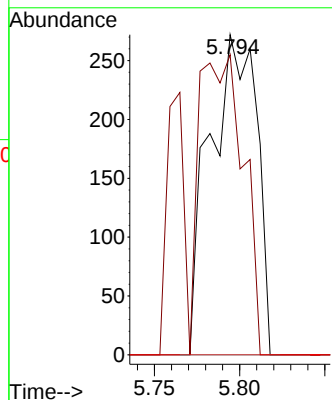
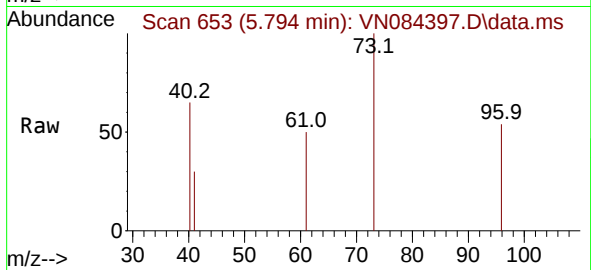
#21
trans-1,2-Dichloroethene
Concen: 0.260 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 96 Resp: 52
Ion Ratio Lower Upper
96 100
61 93.8 108.4 162.6
98 0.0 49.8 74.8

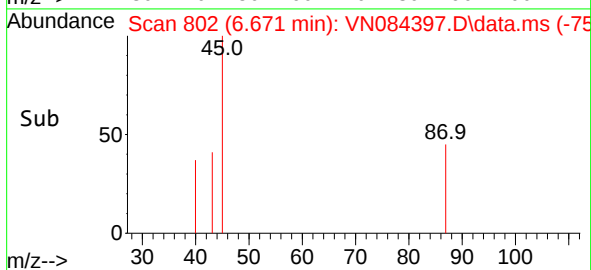
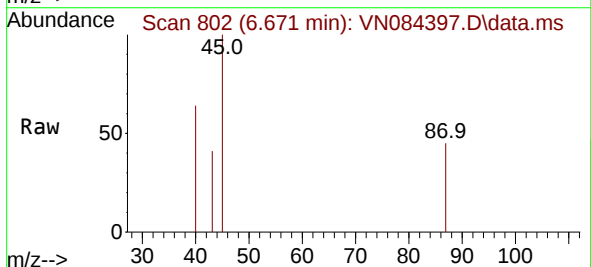
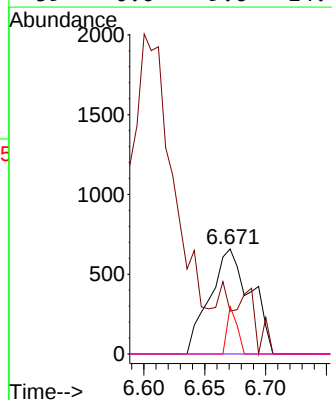
Manual Integrations
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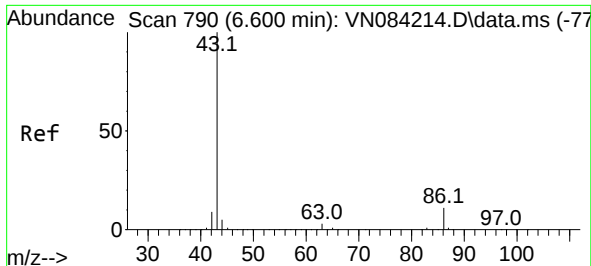
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#22
Diisopropyl ether
Concen: 0.223 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Tgt Ion: 45 Resp: 1541
Ion Ratio Lower Upper
45 100
43 40.9 42.3 63.5#
87 45.1 21.8 32.6#
59 0.0 9.6 14.4#





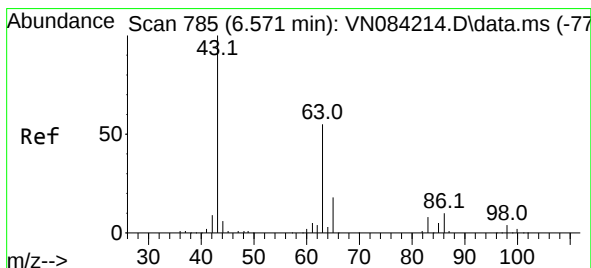
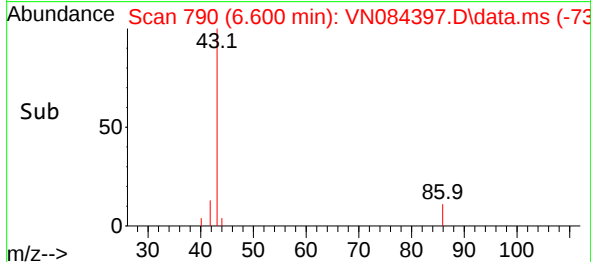
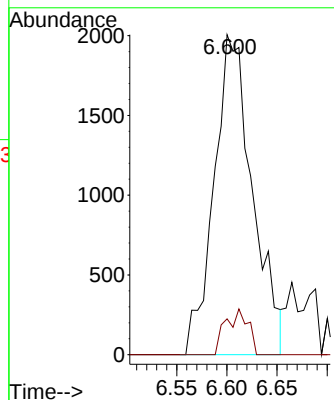
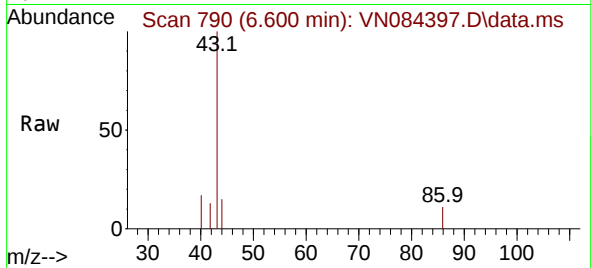
#23
 Vinyl Acetate
 Concen: 1.047 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN084397.D
 Acq: 11 Oct 2024 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Tgt Ion: 43 Resp: 5354
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 12.8

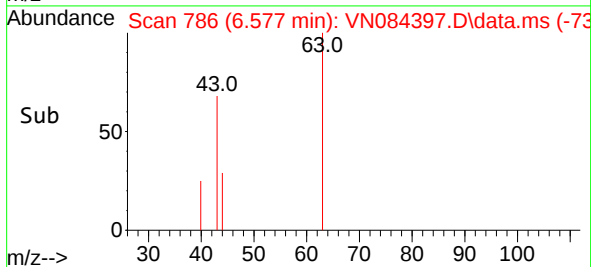
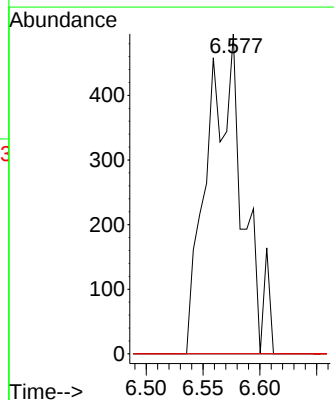
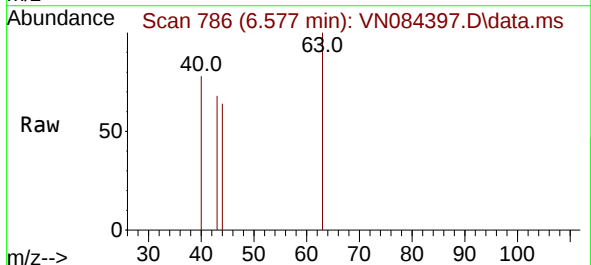
Manual Integrations
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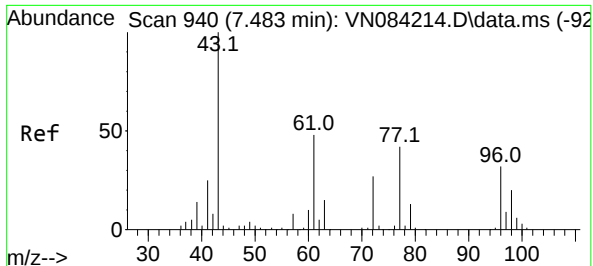
Reviewed By :John Carlone 10/14/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#24
 1,1-Dichloroethane
 Concen: 0.278 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN084397.D
 Acq: 11 Oct 2024 13:53

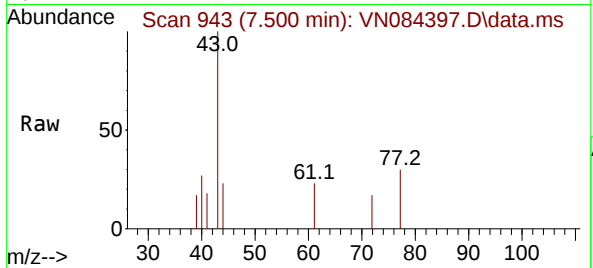
Tgt Ion: 63 Resp: 1073
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 0.0 2.0 5.8#





#25
2-Butanone
Concen: 1.392 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.018 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

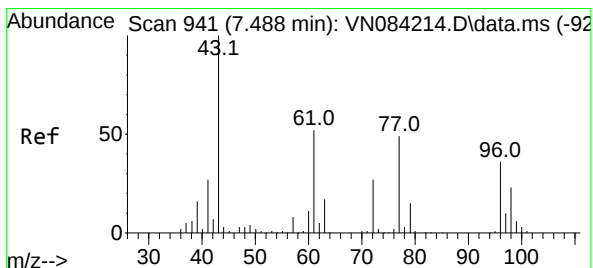
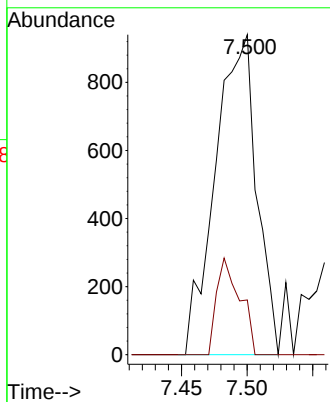
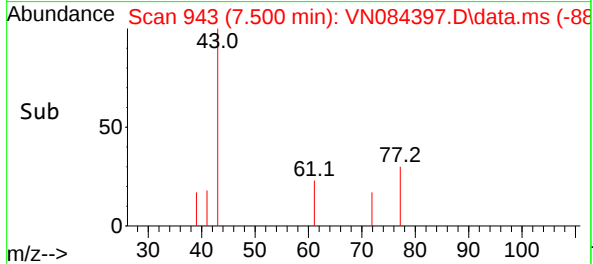
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 43 Resp: 2058
Ion Ratio Lower Upper
43 100
72 17.1 21.4 32.2

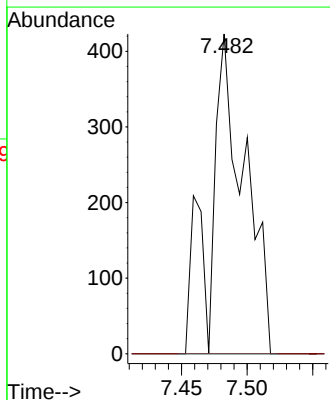
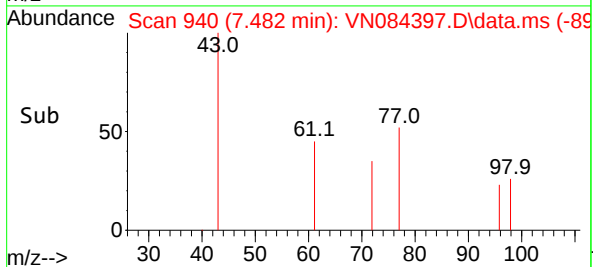
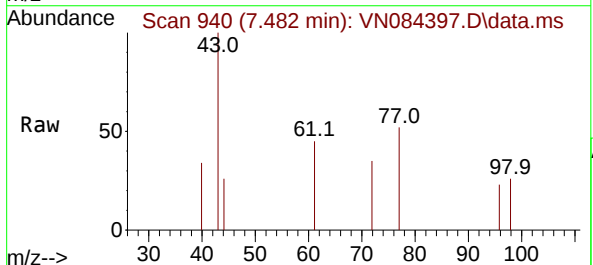
Manual Integrations
APPROVED

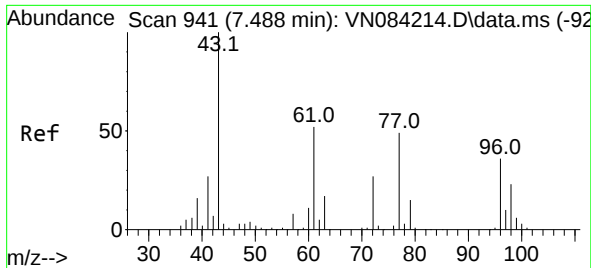
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#26
2,2-Dichloropropane
Concen: 0.223 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

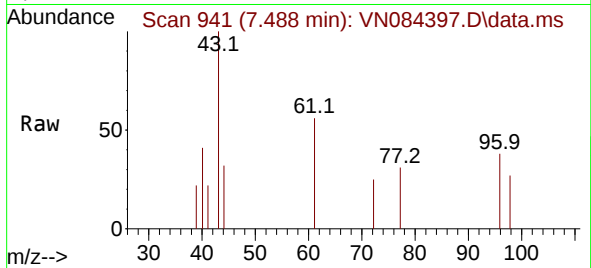
Tgt Ion: 77 Resp: 777
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 0.172 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN084397.D
 Acq: 11 Oct 2024 13:53

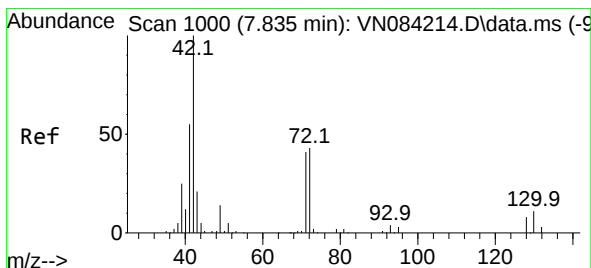
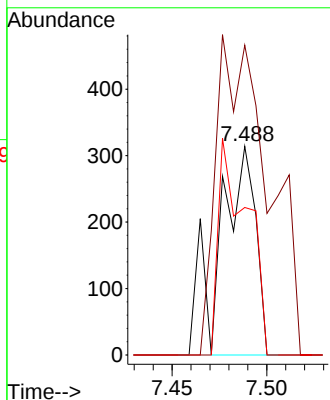
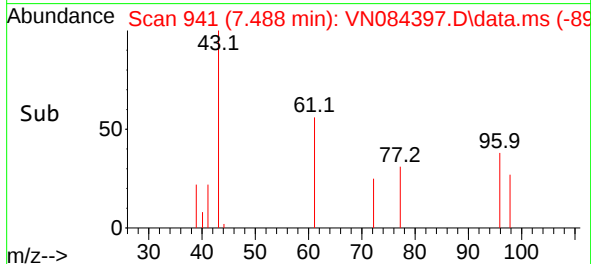
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2024



Tgt Ion: 96 Resp: 418
 Ion Ratio Lower Upper
 96 100
 61 219.6 0.0 301.8
 98 82.3 0.0 128.2

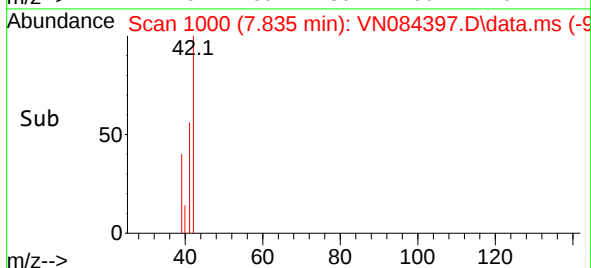
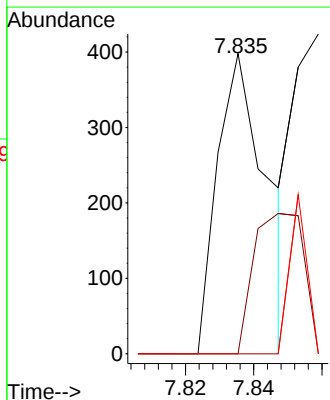
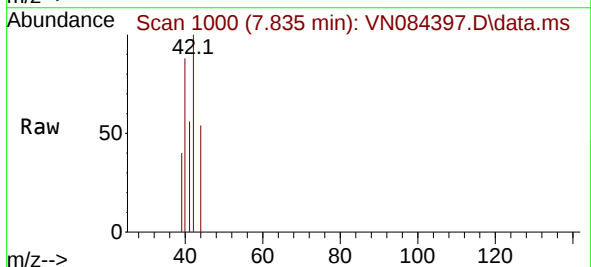
Manual Integrations
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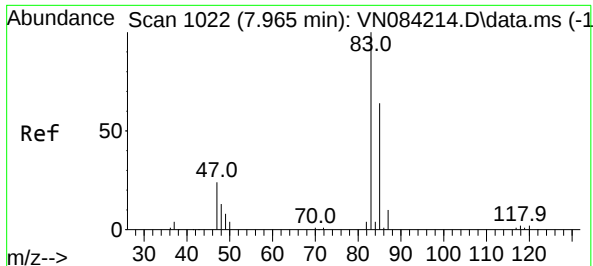
Reviewed By :John Carlone 10/14/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#29
 Tetrahydrofuran
 Concen: 0.437 ug/l
 RT: 7.835 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN084397.D
 Acq: 11 Oct 2024 13:53

Tgt Ion: 42 Resp: 399
 Ion Ratio Lower Upper
 42 100
 72 0.0 34.6 51.8#
 71 0.0 32.2 48.4#





#30

Chloroform

Concen: 0.315 ug/l

RT: 7.959 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VN084397.D

Acq: 11 Oct 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 83 Resp: 126

Ion Ratio Lower Upper

83 100

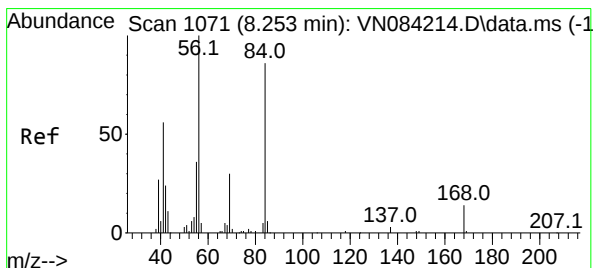
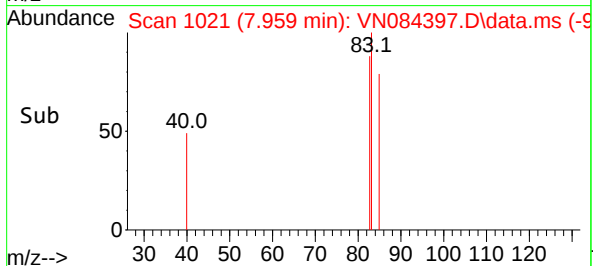
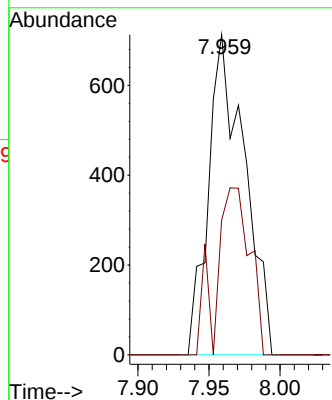
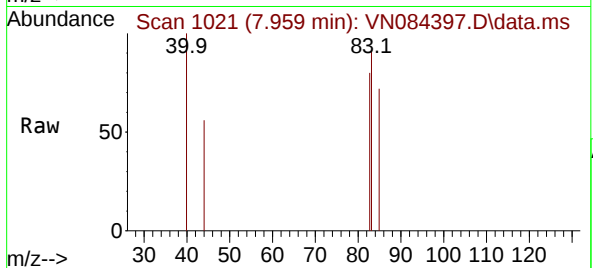
85 42.1 51.0 76.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#31

Cyclohexane

Concen: 1.269 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.030 min

Lab File: VN084397.D

Acq: 11 Oct 2024 13:53

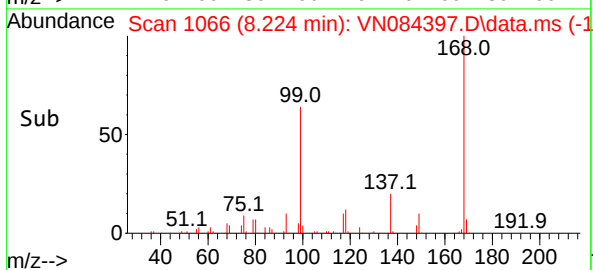
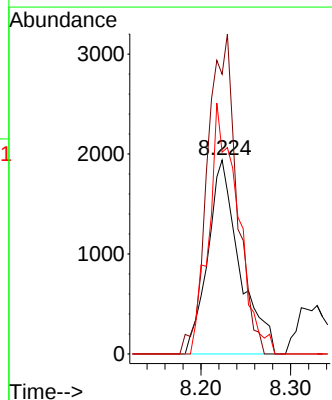
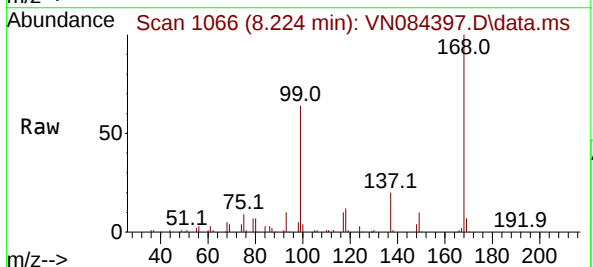
Tgt Ion: 56 Resp: 4750

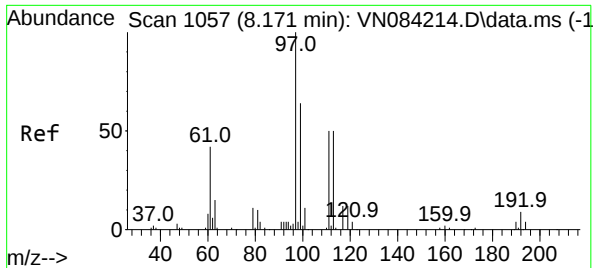
Ion Ratio Lower Upper

56 100

69 144.2 23.8 35.6#

84 104.0 68.8 103.2#





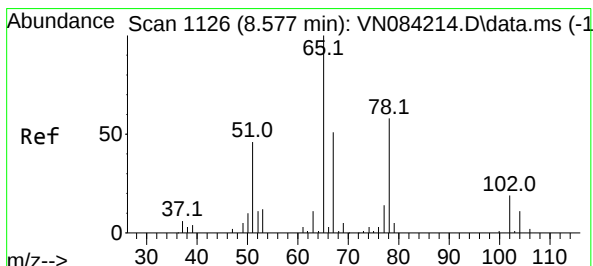
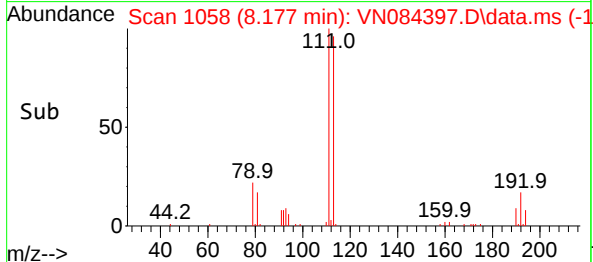
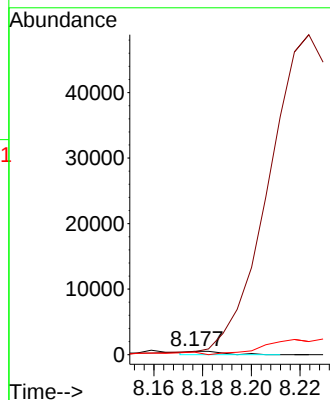
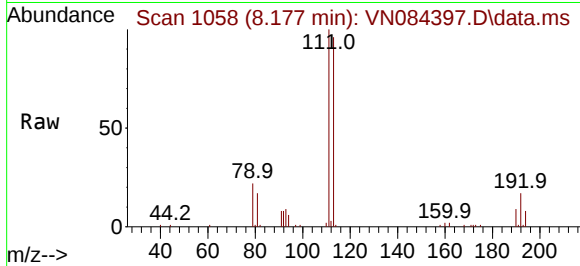
#32
1,1,1-Trichloroethane
Concen: 0.142 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 97	Resp: 51
Ion Ratio	Lower Upper
97 100	
99 0.0	51.2 76.8
61 93.5	37.5 56.3

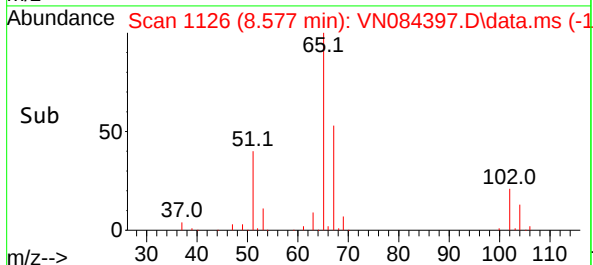
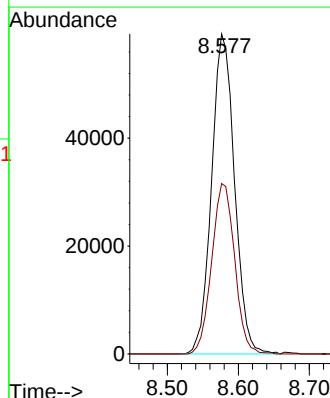
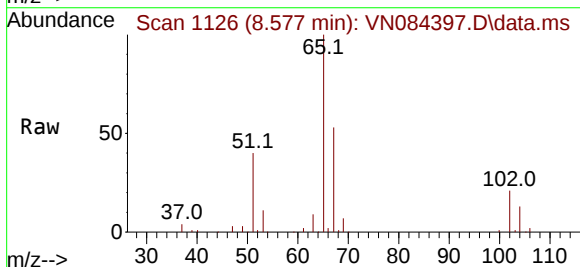
Manual Integrations
APPROVED

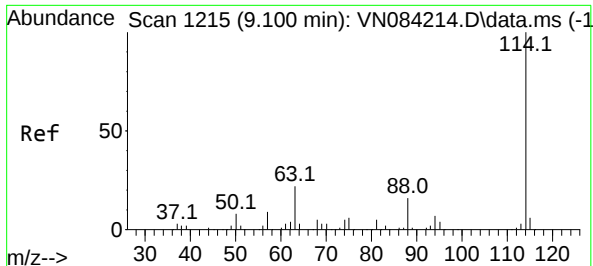
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#33
1,2-Dichloroethane-d4
Concen: 52.609 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Tgt Ion: 65	Resp: 132979
Ion Ratio	Lower Upper
65 100	
67 53.2	0.0 102.0





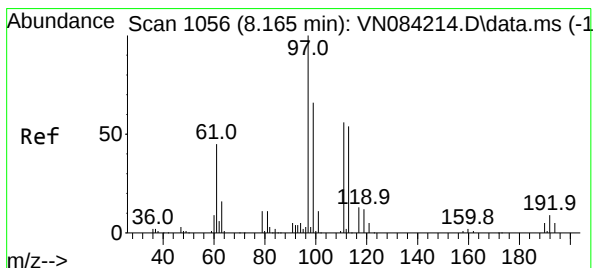
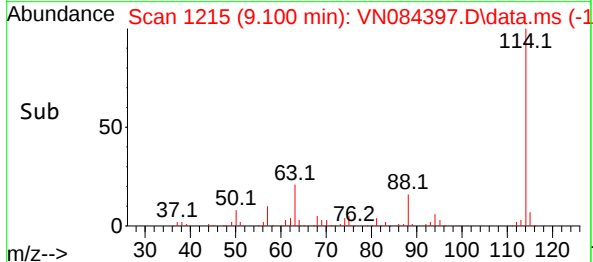
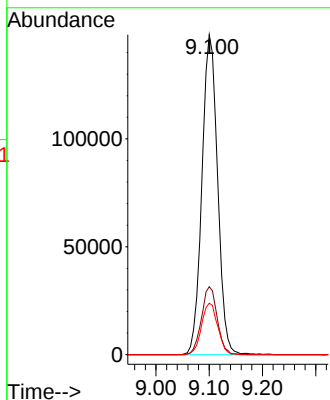
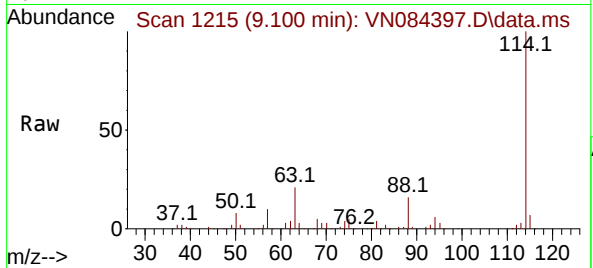
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:114 Resp: 302938
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.8
88 16.1 0.0 31.6

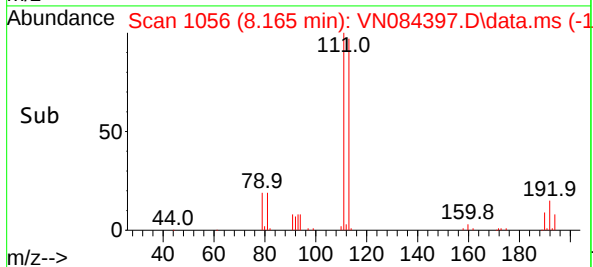
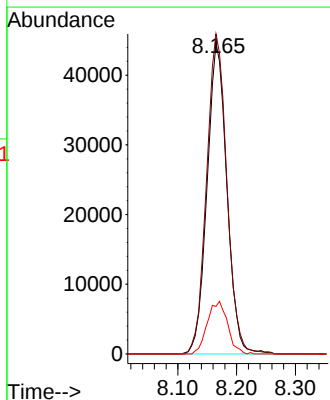
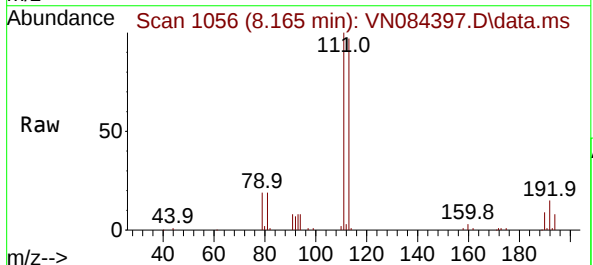
Manual Integrations
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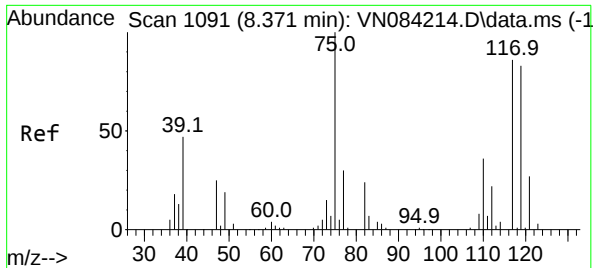
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#35
Dibromofluoromethane
Concen: 52.361 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

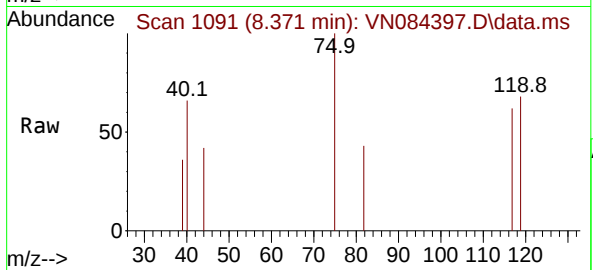
Tgt Ion:113 Resp: 104572
Ion Ratio Lower Upper
113 100
111 105.2 83.3 124.9
192 17.3 13.5 20.3





#36
1,1-Dichloropropene
Concen: 0.278 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

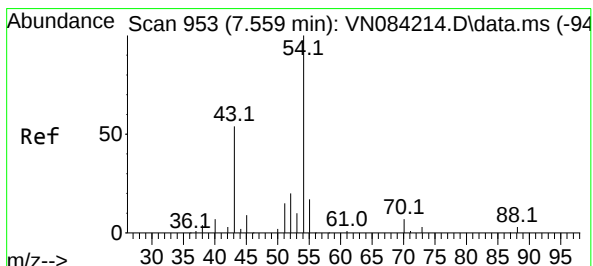
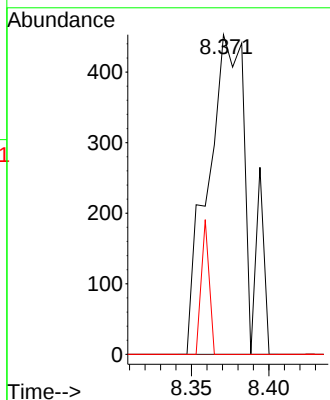
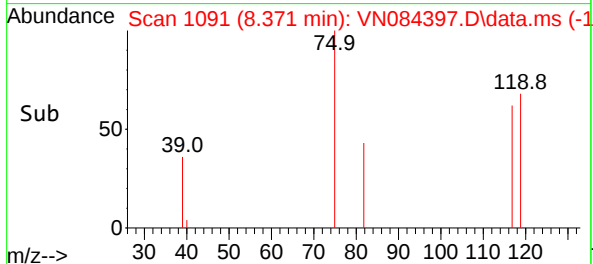
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



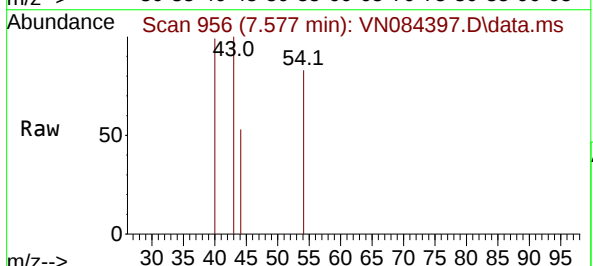
Tgt Ion: 75 Resp: 800
Ion Ratio Lower Upper
75 100
110 0.0 16.9 50.7
77 8.3 24.7 37.1

Manual Integrations
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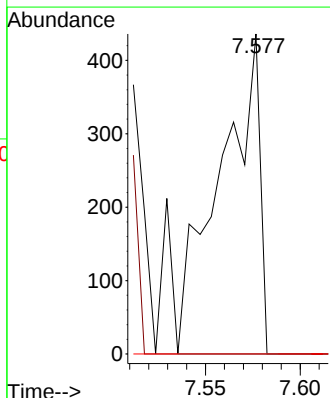
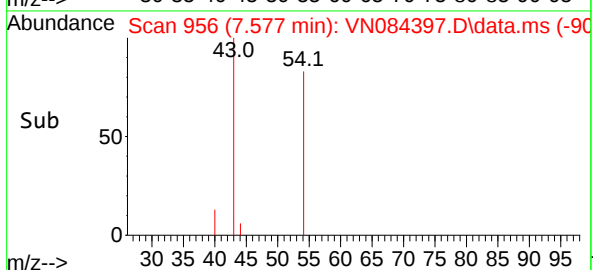
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

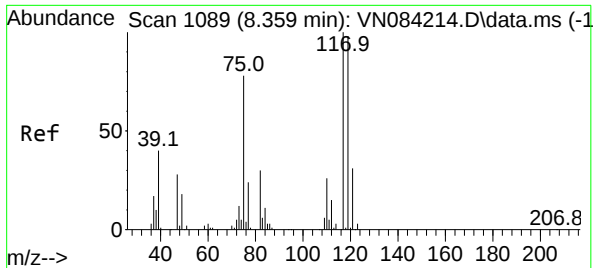


#37
Ethyl Acetate
Concen: 0.214 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.018 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53



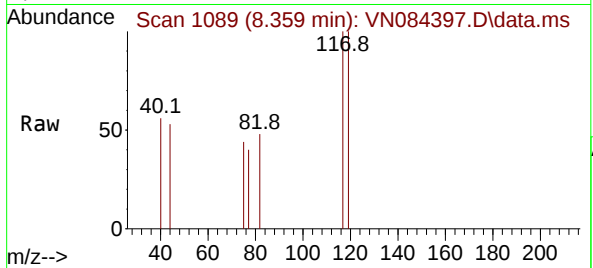
Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 8.8 13.2#





#38
Carbon Tetrachloride
Concen: 0.283 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

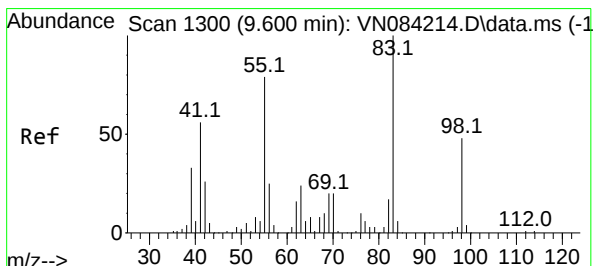
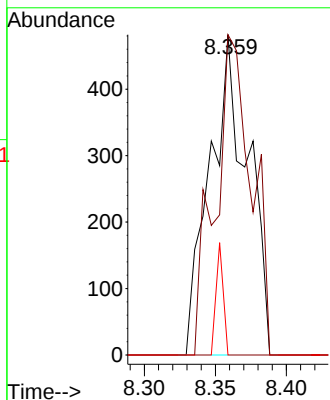
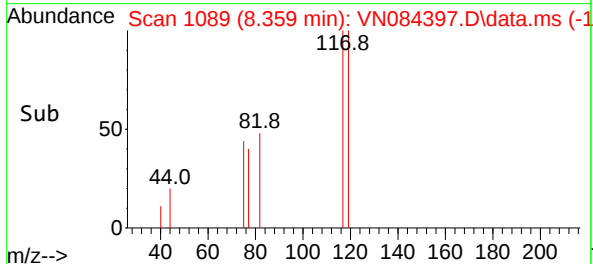
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 117 Resp: 899
Ion Ratio Lower Upper
117 100
119 100.0 78.7 118.1
121 0.0 24.4 36.6

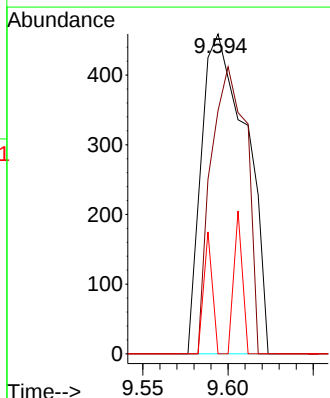
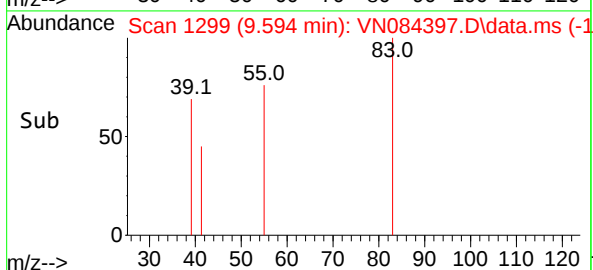
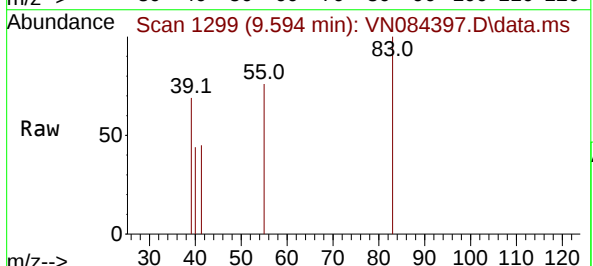
Manual Integrations
APPROVED

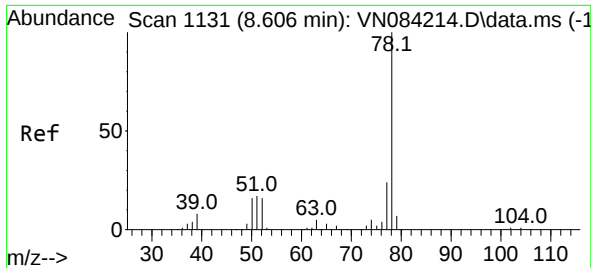
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#39
Methylcyclohexane
Concen: 0.261 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Tgt Ion: 83 Resp: 842
Ion Ratio Lower Upper
83 100
55 76.0 62.8 94.2
98 0.0 38.8 58.2#





#40

Benzene

Concen: 0.279 ug/l

RT: 8.600 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN084397.D

Acq: 11 Oct 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024

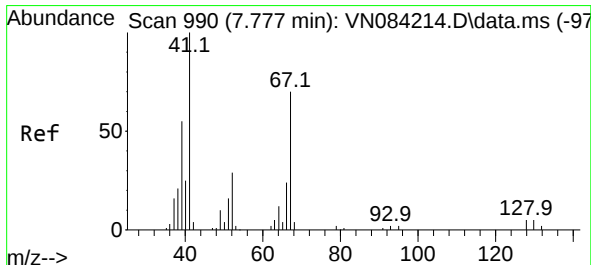
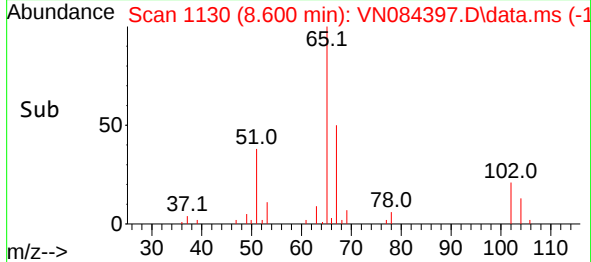
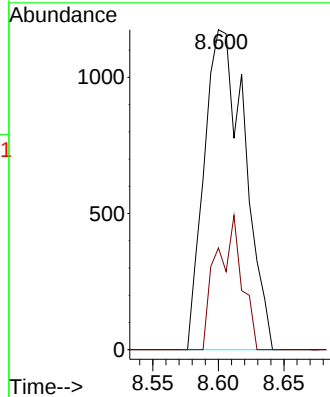
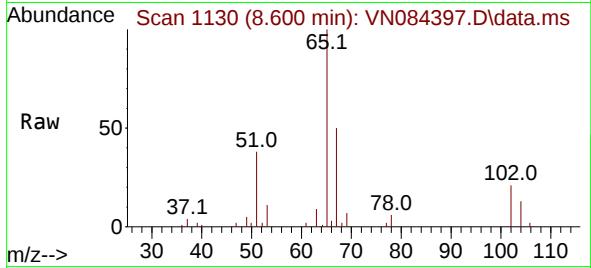
Tgt Ion: 78 Resp: 252
 Ion Ratio Lower Upper
 78 100
 77 31.8 19.1 28.7

Manual Integrations

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Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#41

Methacrylonitrile

Concen: 0.102 ug/l

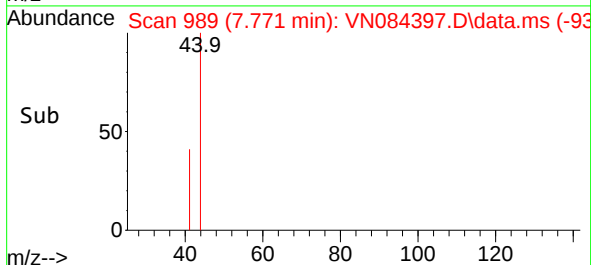
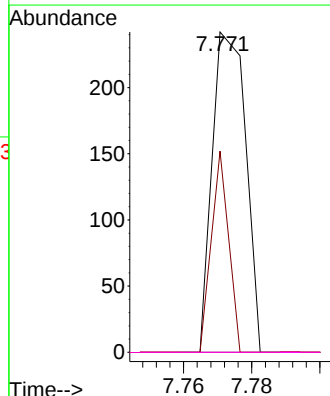
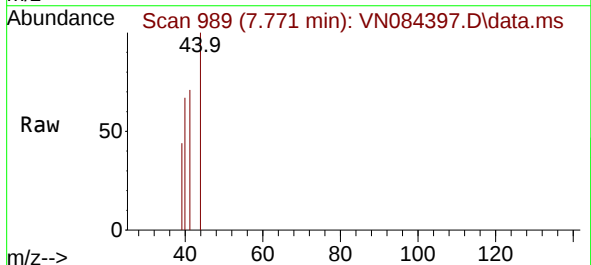
RT: 7.771 min Scan# 989

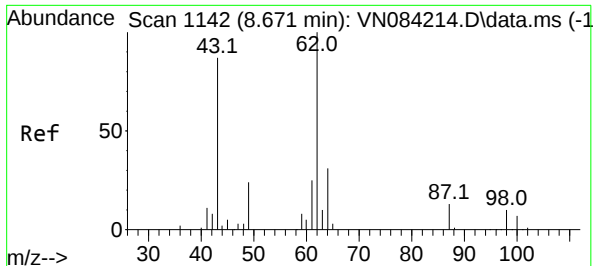
Delta R.T. -0.006 min

Lab File: VN084397.D

Acq: 11 Oct 2024 13:53

Tgt Ion: 41 Resp: 164
 Ion Ratio Lower Upper
 41 100
 39 32.9 43.3 64.9#
 67 0.0 56.1 84.1#
 52 0.0 24.5 36.7#





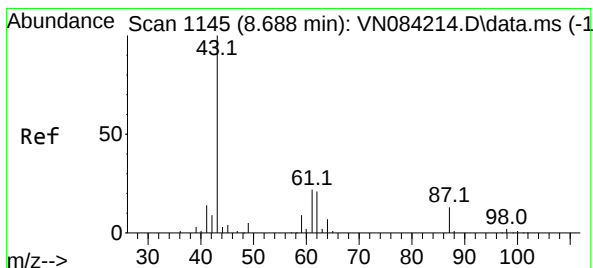
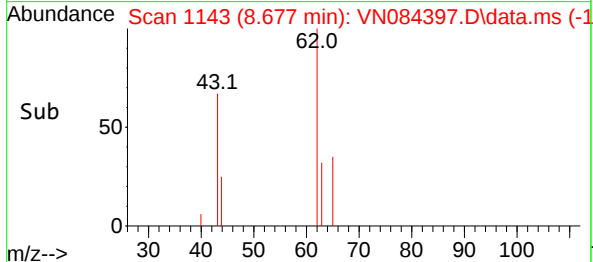
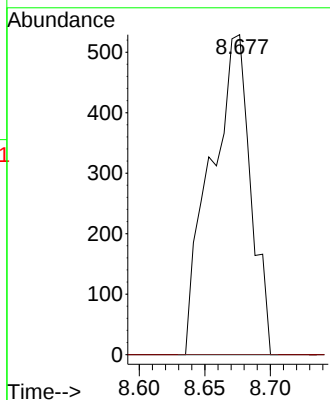
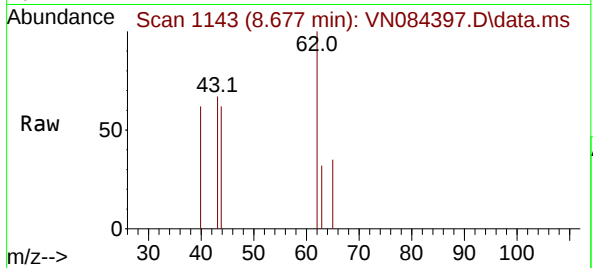
#42
1,2-Dichloroethane
Concen: 0.367 ug/l
RT: 8.677 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 62 Resp: 112
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2

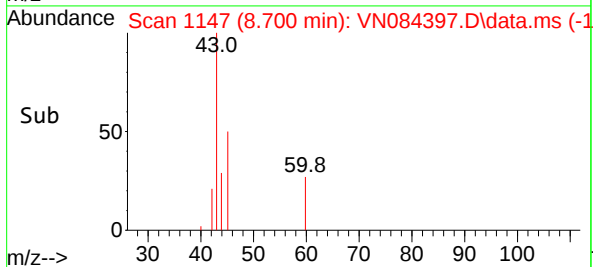
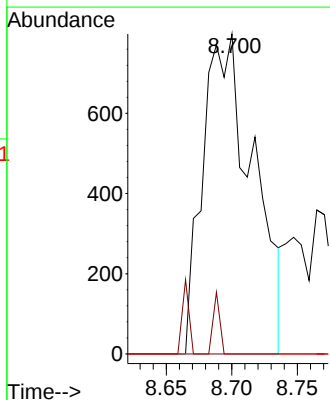
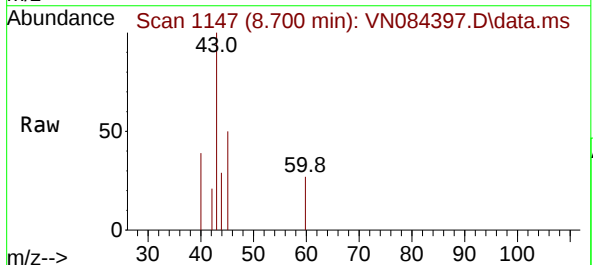
Manual Integrations
APPROVED

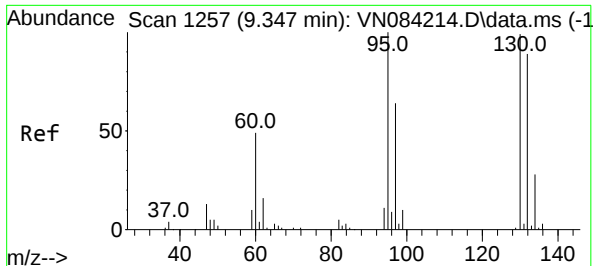
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#43
Isopropyl Acetate
Concen: 0.366 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

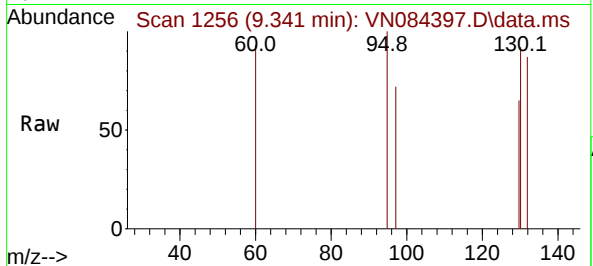
Tgt Ion: 43 Resp: 2131
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#





#44
Trichloroethene
Concen: 0.314 ug/l
RT: 9.341 min Scan# 1256
Delta R.T. -0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

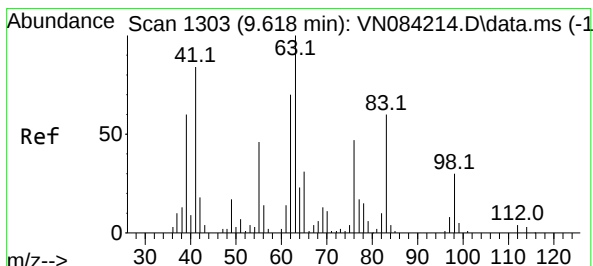
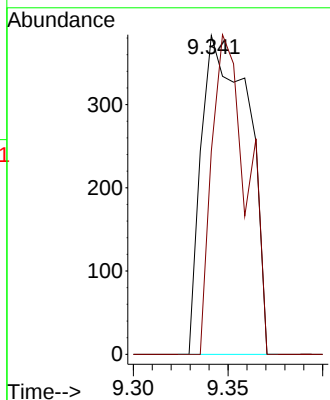
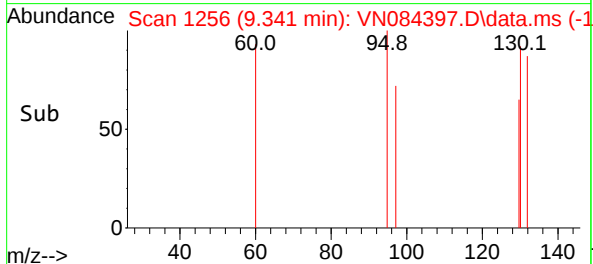
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



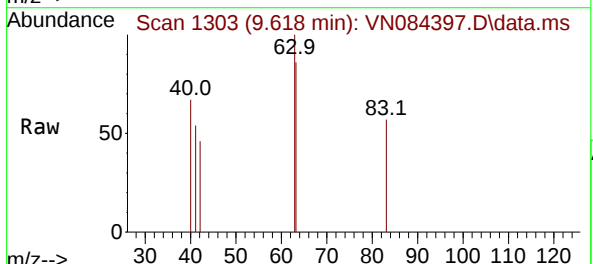
Tgt Ion:130 Resp: 662
Ion Ratio Lower Upper
130 100
95 63.7 0.0 203.0

Manual Integrations
APPROVED

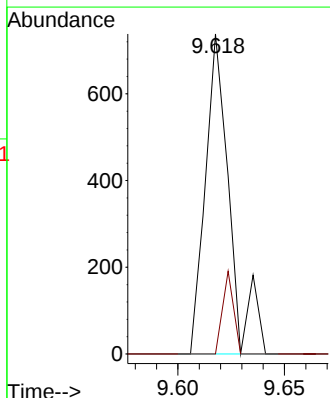
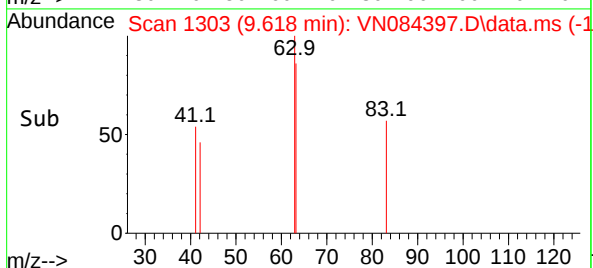
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

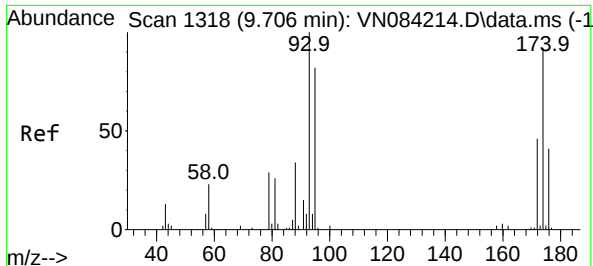


#45
1,2-Dichloropropane
Concen: 0.272 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53



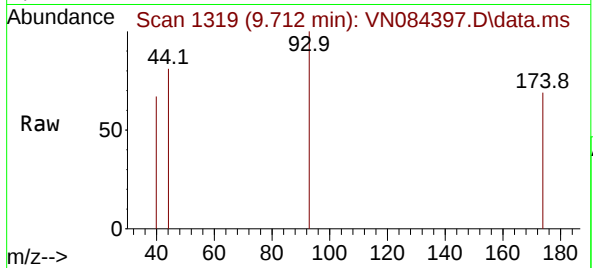
Tgt Ion: 63 Resp: 582
Ion Ratio Lower Upper
63 100
65 0.0 24.6 37.0#





#46
Dibromomethane
Concen: 0.232 ug/l
RT: 9.712 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

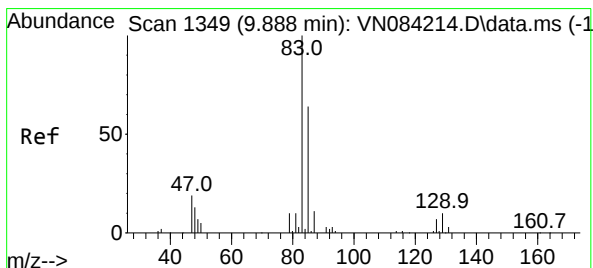
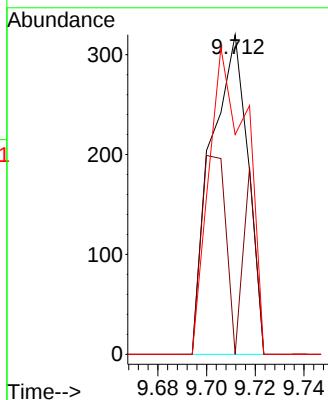
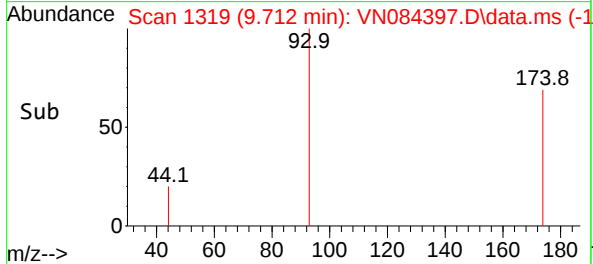
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 93 Resp: 338
Ion Ratio Lower Upper
93 100
95 61.2 65.0 97.4#
174 98.5 71.8 107.8#

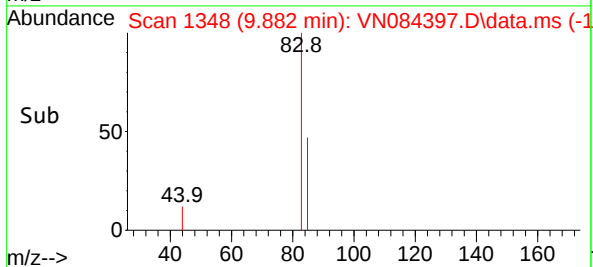
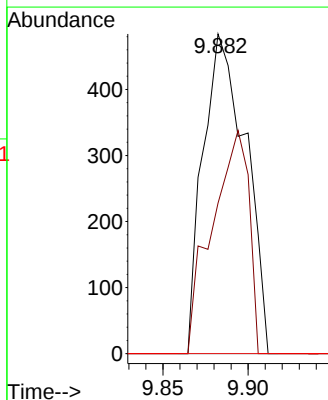
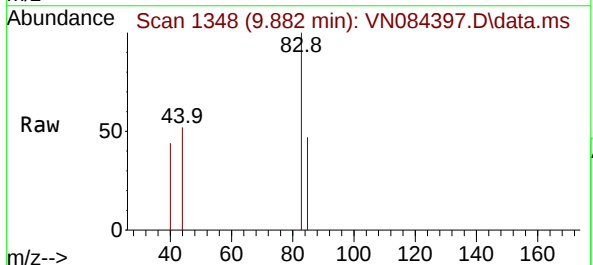
Manual Integrations
APPROVED

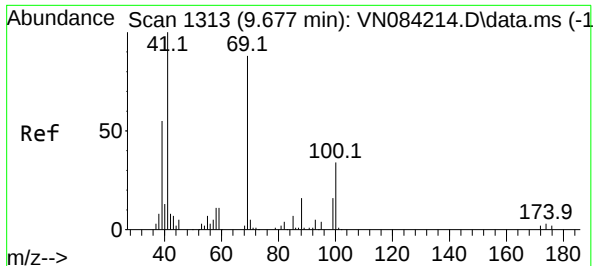
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#47
Bromodichloromethane
Concen: 0.261 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Tgt Ion: 83 Resp: 838
Ion Ratio Lower Upper
83 100
85 47.1 51.5 77.3#
127 0.0 5.7 8.5#





#48

Methyl methacrylate

Concen: 0.188 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN084397.D

Acq: 11 Oct 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 41 Resp: 430

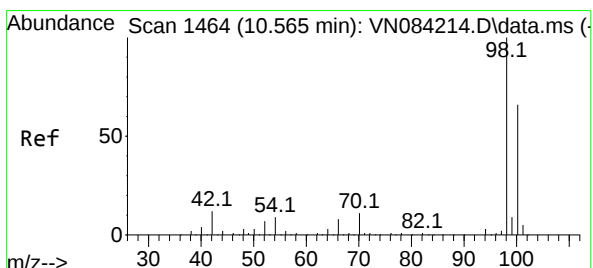
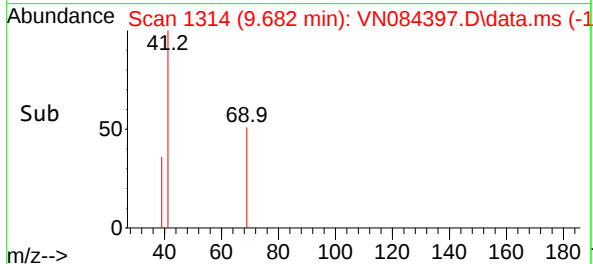
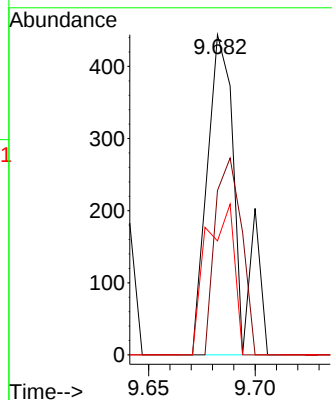
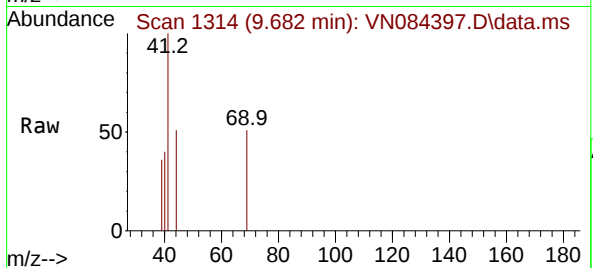
Ion	Ratio	Lower	Upper
41	100		
69	54.4	67.1	100.7
39	44.0	45.8	68.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#50

Toluene-d8

Concen: 50.429 ug/l

RT: 10.565 min Scan# 1464

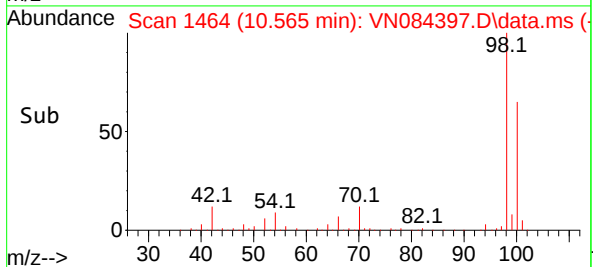
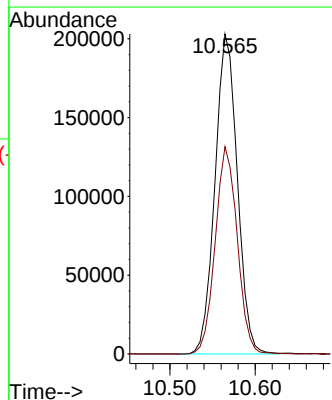
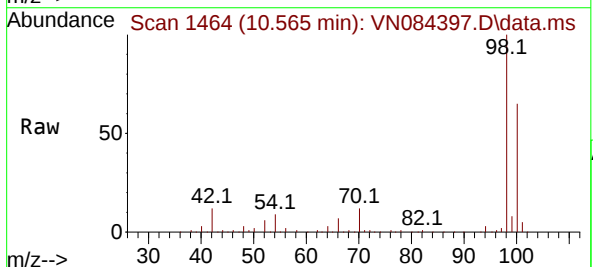
Delta R.T. -0.000 min

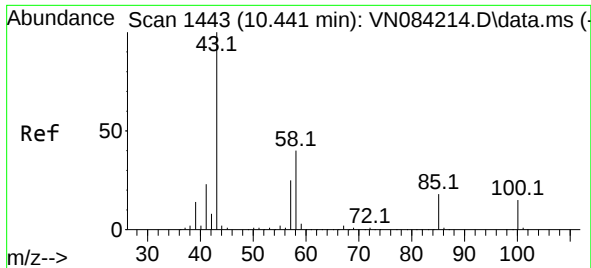
Lab File: VN084397.D

Acq: 11 Oct 2024 13:53

Tgt Ion: 98 Resp: 370537

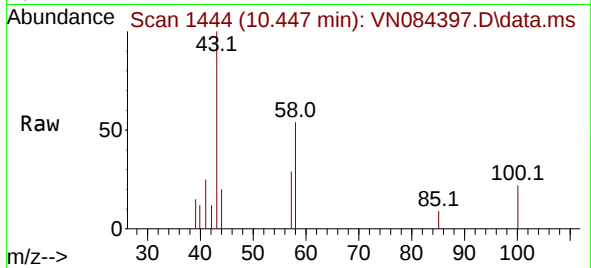
Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.7	79.1





#51
4-Methyl-2-Pentanone
Concen: 1.128 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

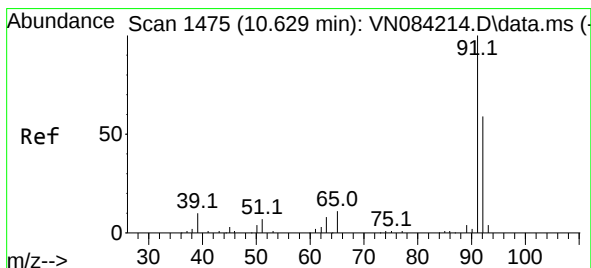
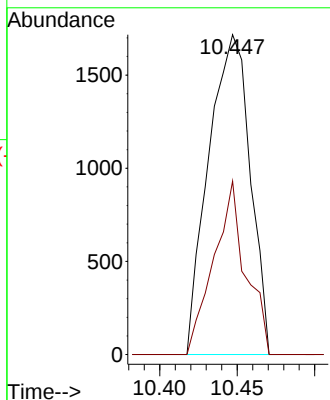
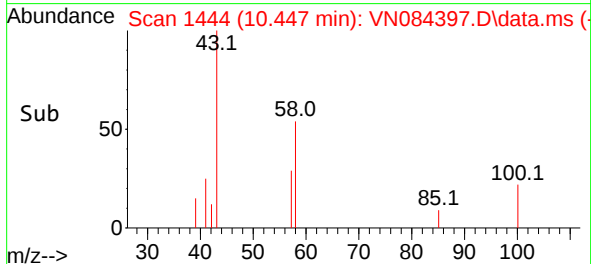
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 43 Resp: 319
Ion Ratio Lower Upper
43 100
58 41.9 31.6 47.4

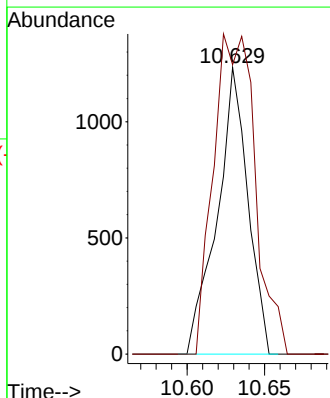
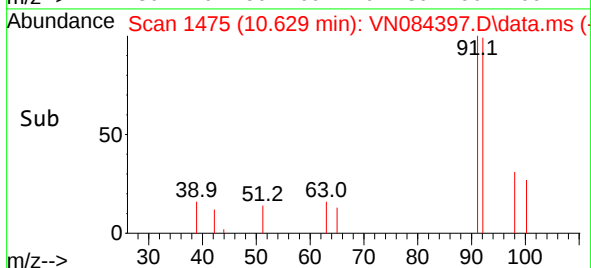
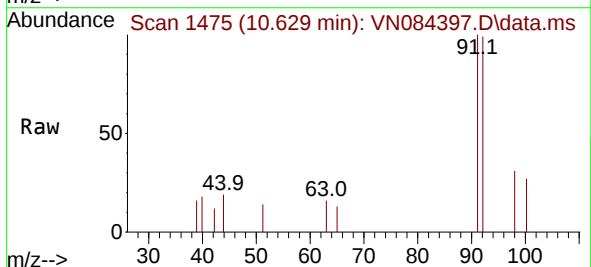
Manual Integrations
APPROVED

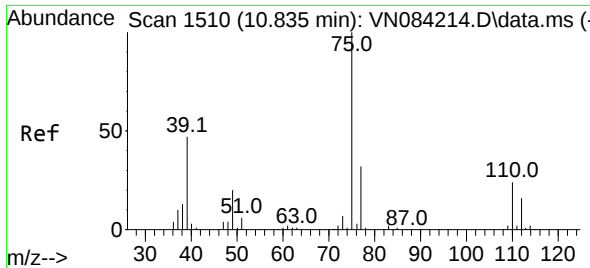
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#52
Toluene
Concen: 0.309 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

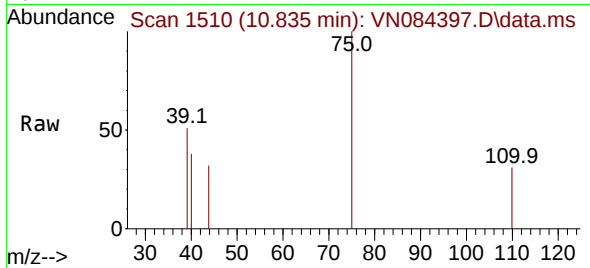
Tgt Ion: 92 Resp: 1702
Ion Ratio Lower Upper
92 100
91 151.5 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 0.235 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

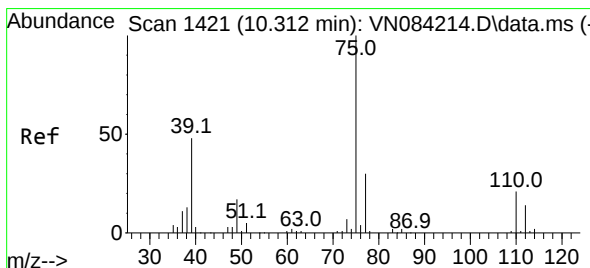
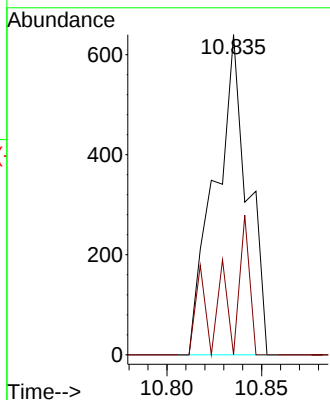
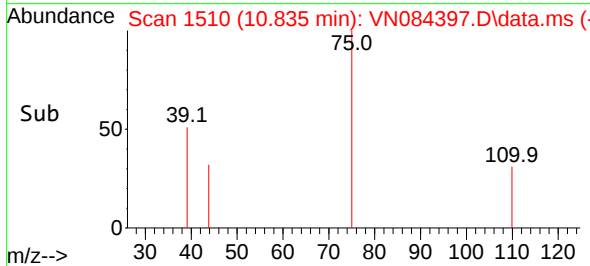
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



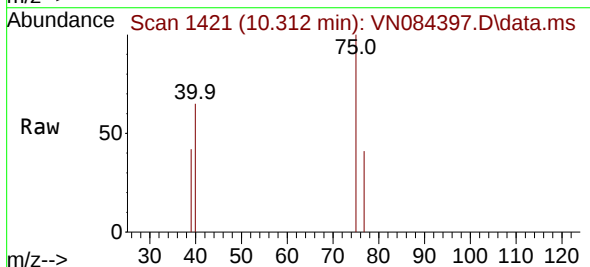
Tgt Ion: 75 Resp: 763
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0

Manual Integrations
APPROVED

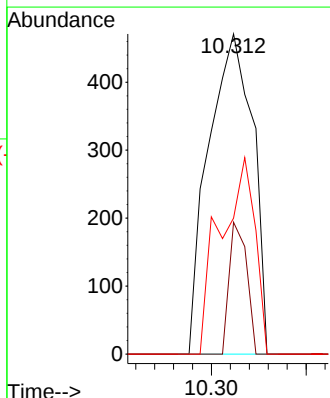
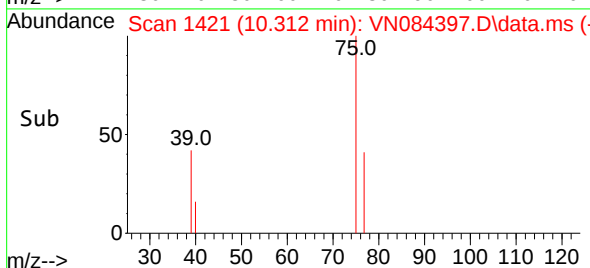
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

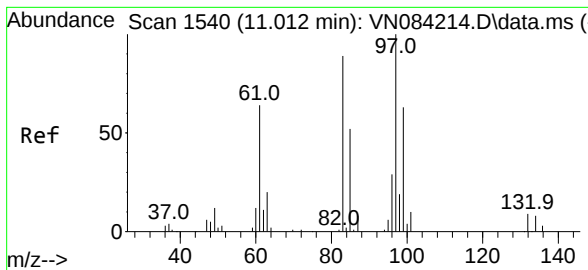


#54
cis-1,3-Dichloropropene
Concen: 0.217 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53



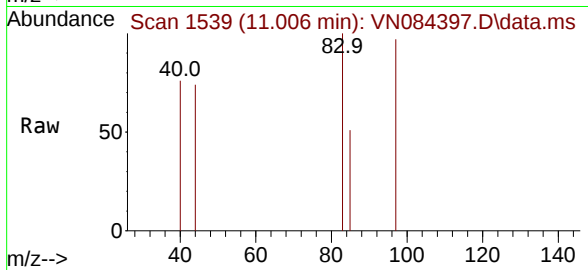
Tgt Ion: 75 Resp: 763
Ion Ratio Lower Upper
75 100
77 41.2 24.2 36.2#
39 42.5 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 0.214 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

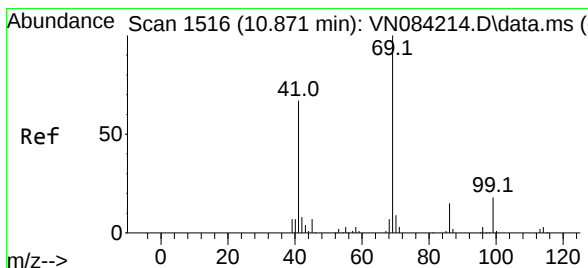
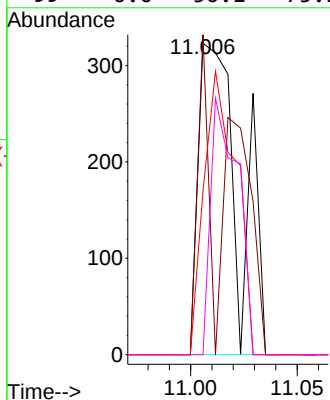
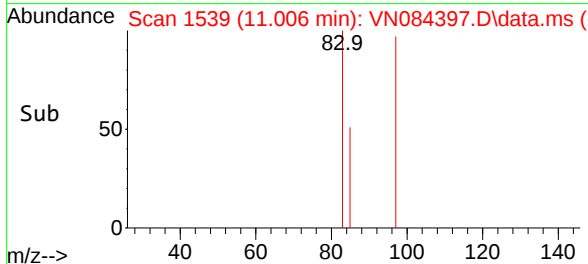
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion	Ratio	Lower	Upper
97	100		
83	102.8	71.0	106.4
85	52.6	41.7	62.5
99	0.0	50.1	75.1#

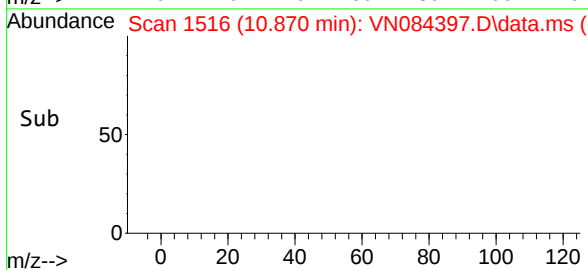
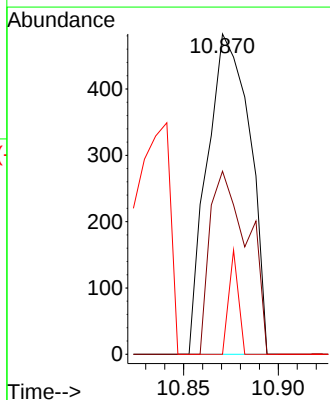
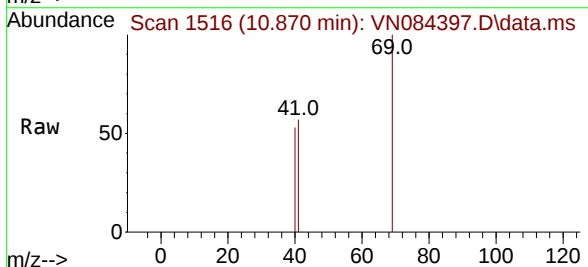
Manual Integrations
APPROVED

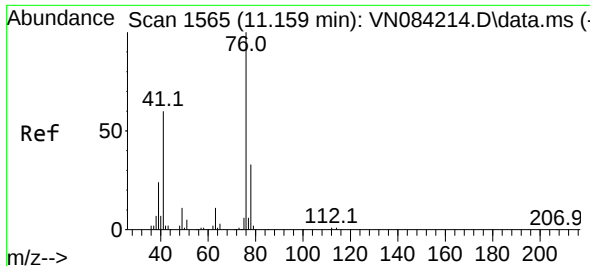
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#56
Ethyl methacrylate
Concen: 0.233 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	50.7	53.3	79.9#
39	7.3	28.8	43.2#





#57

1,3-Dichloropropane

Concen: 0.300 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN084397.D

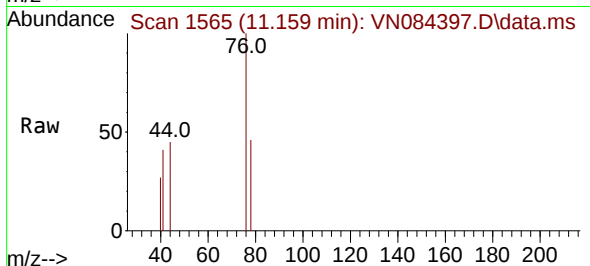
Acq: 11 Oct 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024



Tgt Ion: 76 Resp: 1060

Ion Ratio Lower Upper

76 100

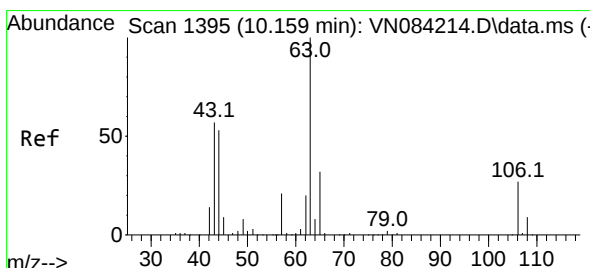
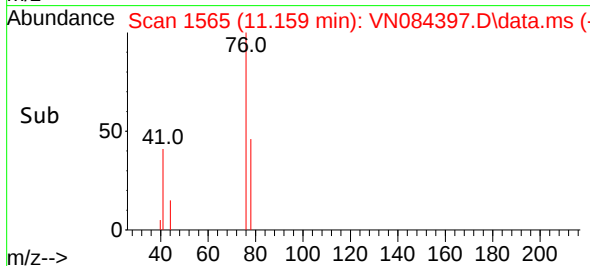
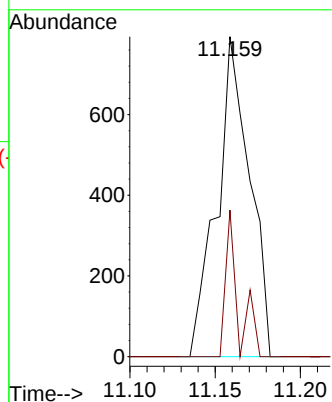
78 17.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#58

2-Chloroethyl Vinyl ether

Concen: 0.738 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084397.D

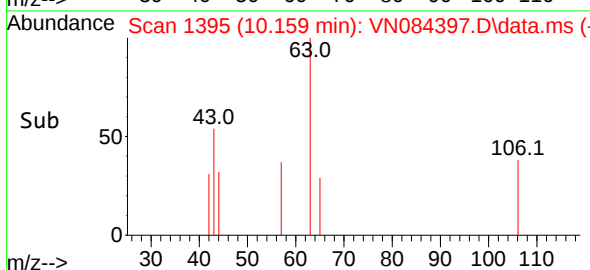
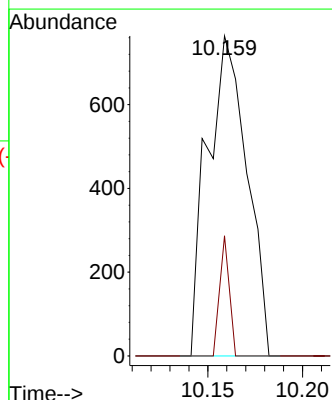
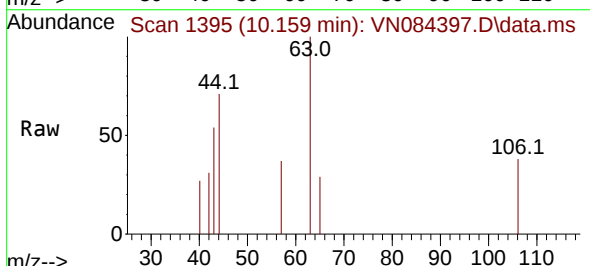
Acq: 11 Oct 2024 13:53

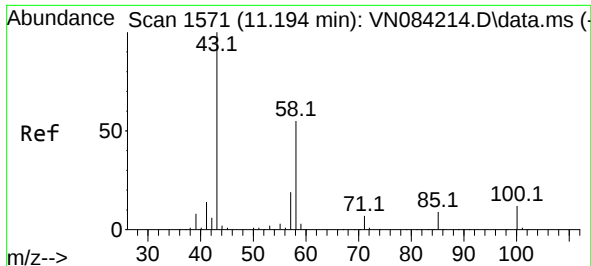
Tgt Ion: 63 Resp: 1113

Ion Ratio Lower Upper

63 100

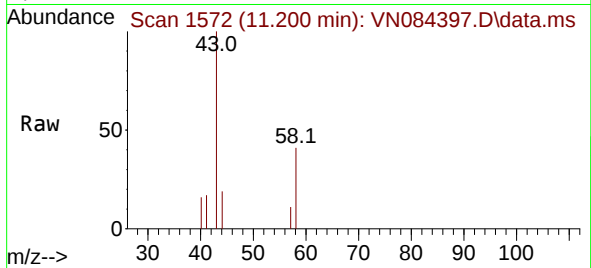
106 9.1 21.8 32.6





#59
2-Hexanone
Concen: 1.161 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

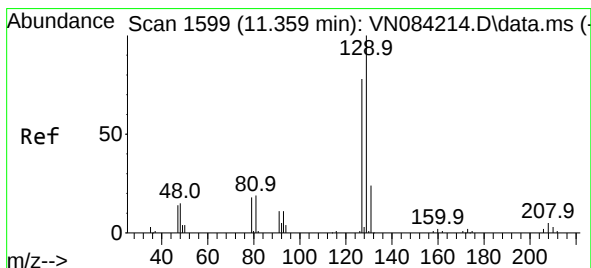
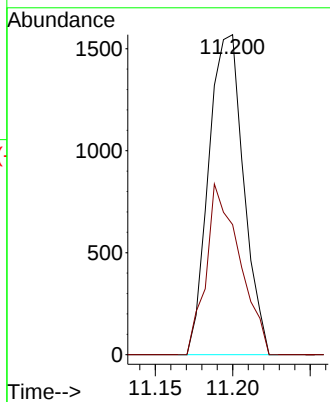
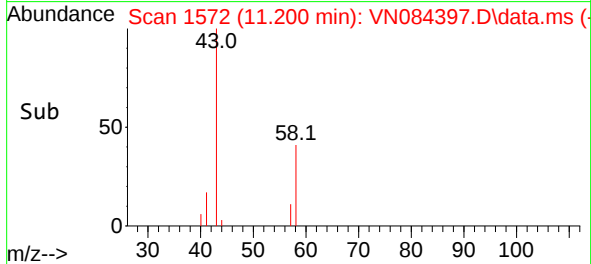
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 43 Resp: 245
Ion Ratio Lower Upper
43 100
58 51.3 27.3 81.8

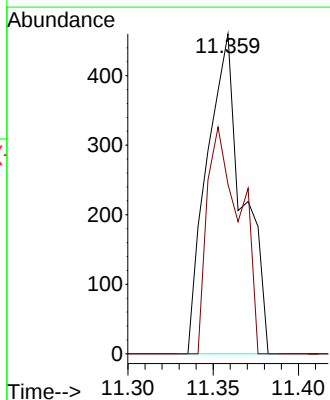
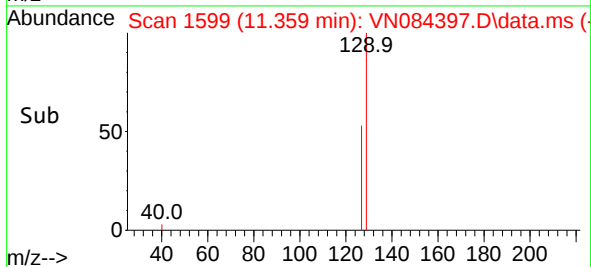
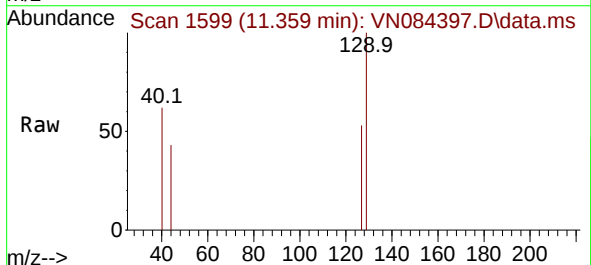
Manual Integrations
APPROVED

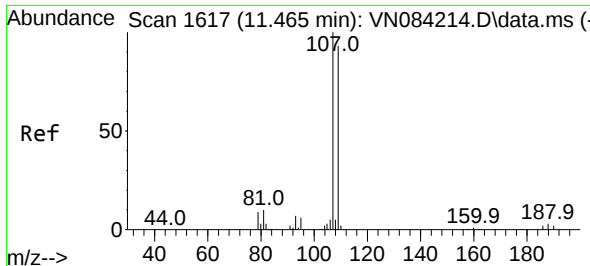
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#60
Dibromochloromethane
Concen: 0.290 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Tgt Ion:129 Resp: 678
Ion Ratio Lower Upper
129 100
127 64.9 38.3 114.9





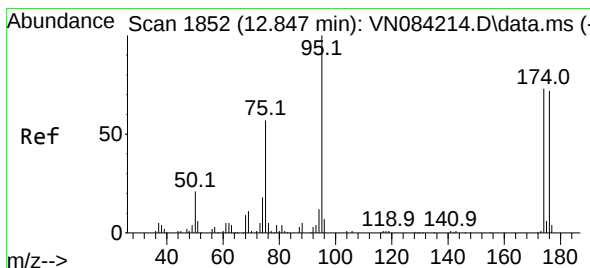
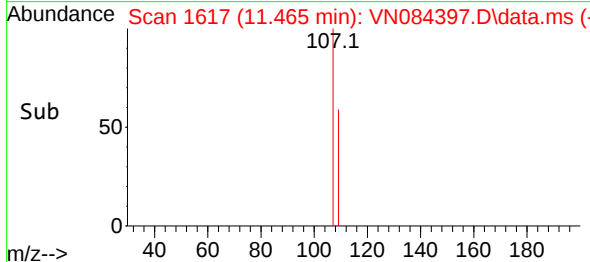
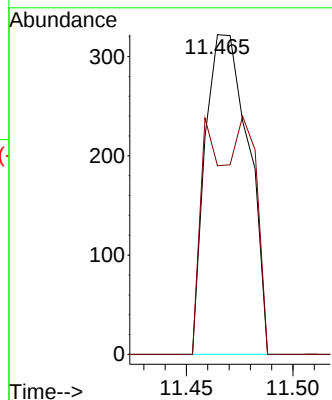
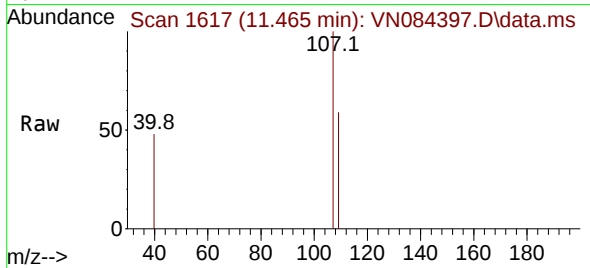
#61
1,2-Dibromoethane
Concen: 0.221 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:107 Resp: 451
Ion Ratio Lower Upper
107 100
109 83.0 75.4 113.0

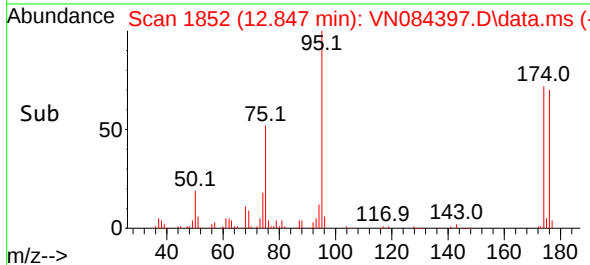
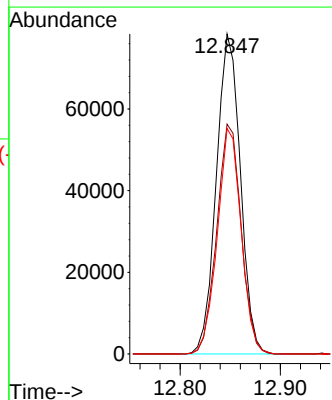
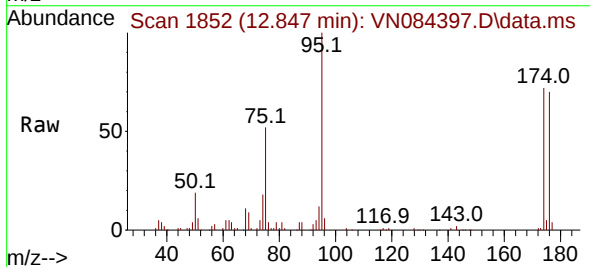
Manual Integrations
APPROVED

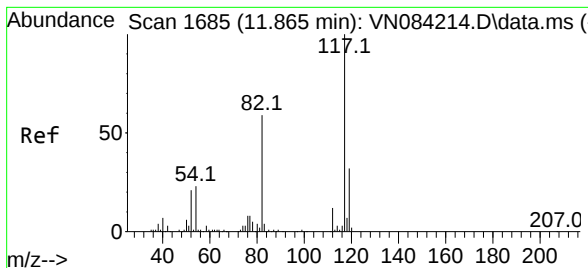
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#62
4-Bromofluorobenzene
Concen: 48.767 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Tgt Ion: 95 Resp: 130540
Ion Ratio Lower Upper
95 100
174 72.8 0.0 145.2
176 69.8 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084397.D

Acq: 11 Oct 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:117 Resp: 26355

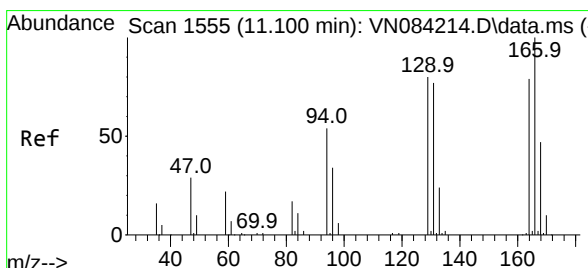
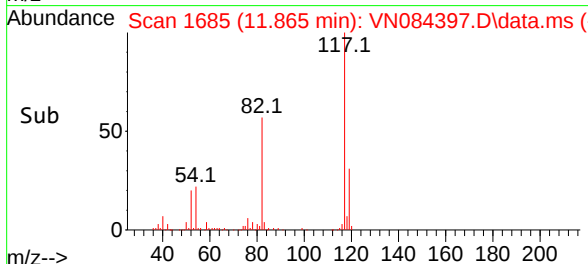
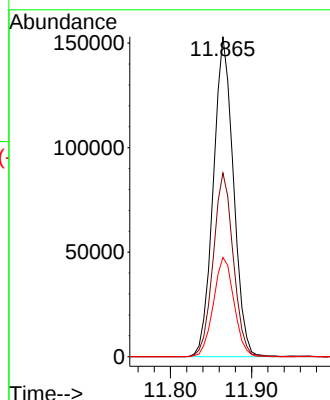
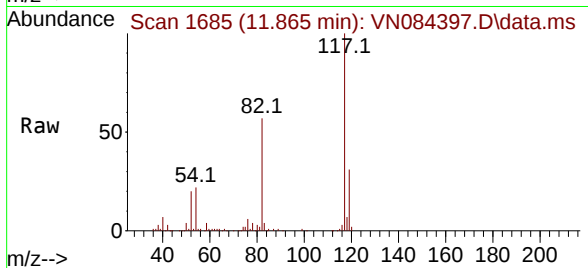
Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.2	70.8
119	31.0	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#64

Tetrachloroethene

Concen: 0.309 ug/l

RT: 11.100 min Scan# 1555

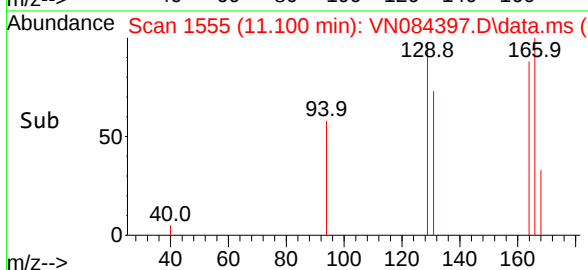
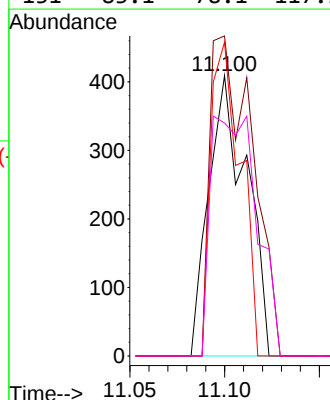
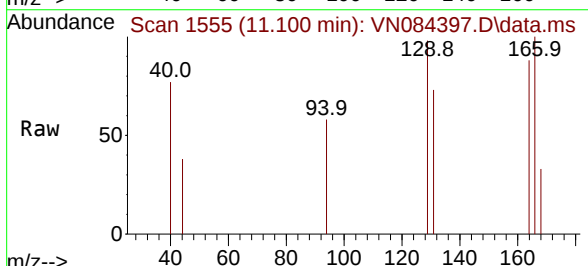
Delta R.T. -0.000 min

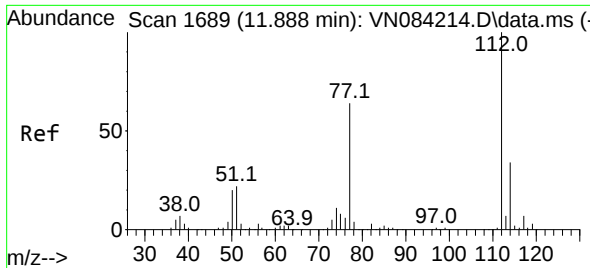
Lab File: VN084397.D

Acq: 11 Oct 2024 13:53

Tgt Ion:164 Resp: 568

Ion	Ratio	Lower	Upper
164	100		
166	114.2	101.0	151.4
129	112.0	80.8	121.2
131	83.1	78.1	117.1





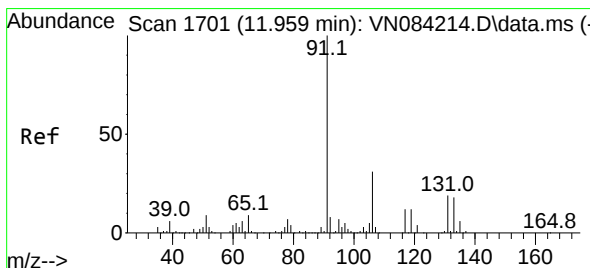
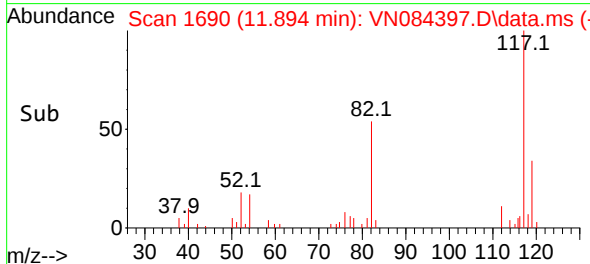
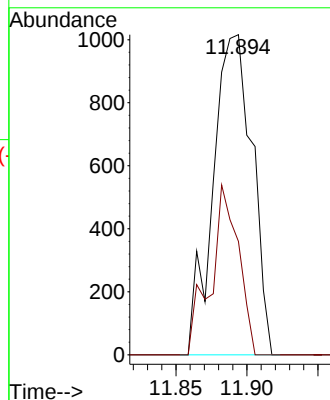
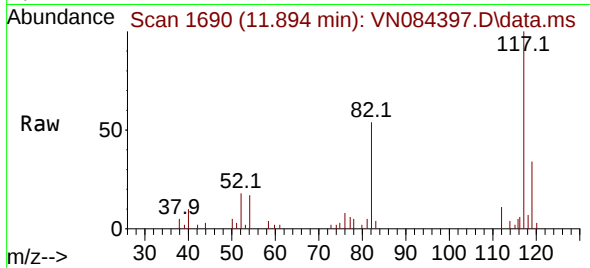
#65
Chlorobenzene
Concen: 0.334 ug/l
RT: 11.894 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:112 Resp: 195
Ion Ratio Lower Upper
112 100
114 35.4 27.0 40.6

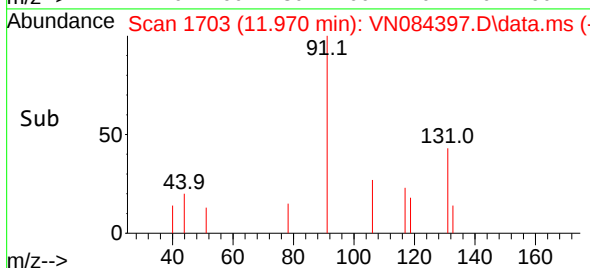
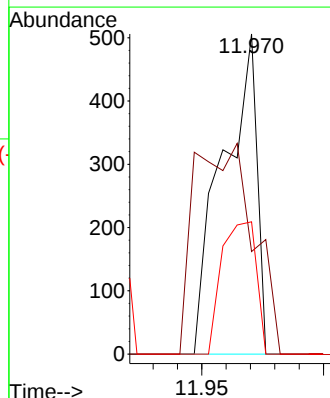
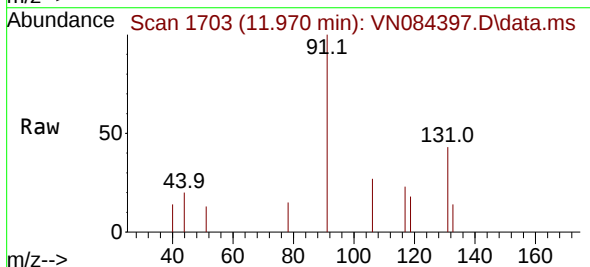
Manual Integrations
APPROVED

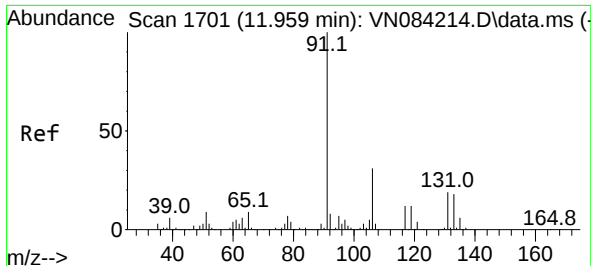
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 0.244 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.012 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Tgt Ion:131 Resp: 492
Ion Ratio Lower Upper
131 100
133 114.0 47.9 143.7
119 0.0 32.8 98.3#





#67

Ethyl Benzene

Concen: 0.239 ug/l

RT: 11.965 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN084397.D

Acq: 11 Oct 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 91 Resp: 2470

Ion Ratio Lower Upper

91 100

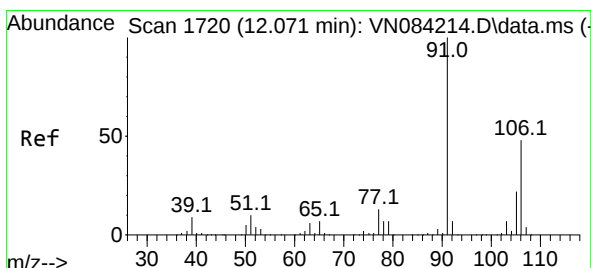
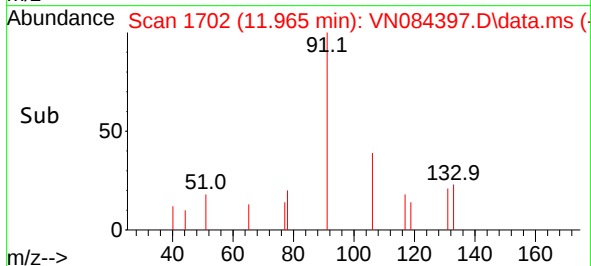
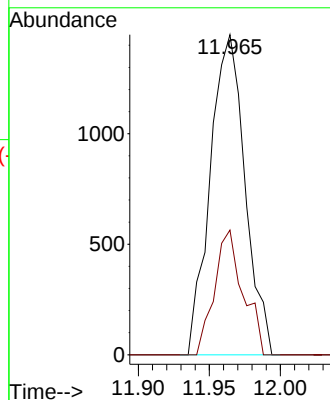
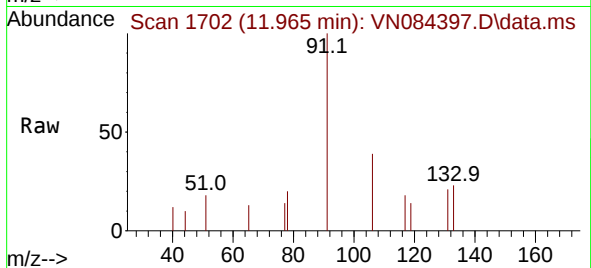
106 39.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#68

m/p-Xylenes

Concen: 0.427 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN084397.D

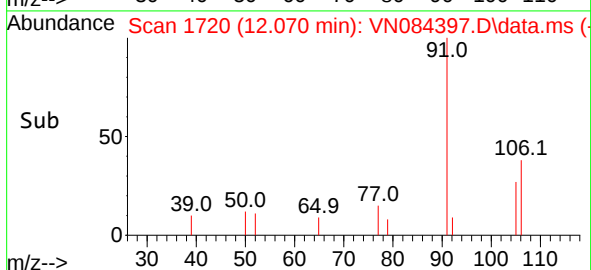
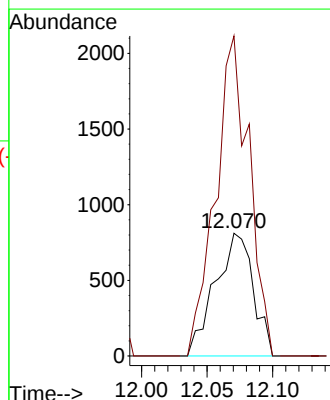
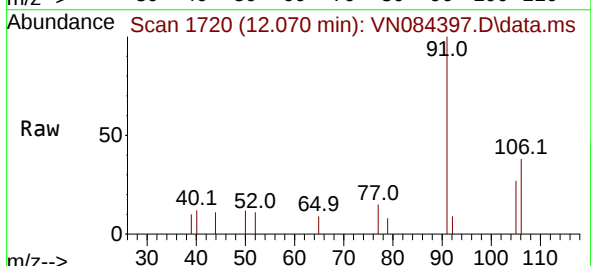
Acq: 11 Oct 2024 13:53

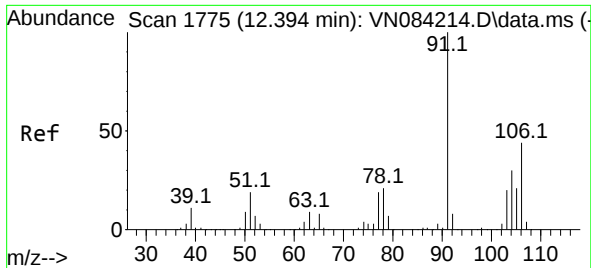
Tgt Ion:106 Resp: 1632

Ion Ratio Lower Upper

106 100

91 231.7 167.1 250.7





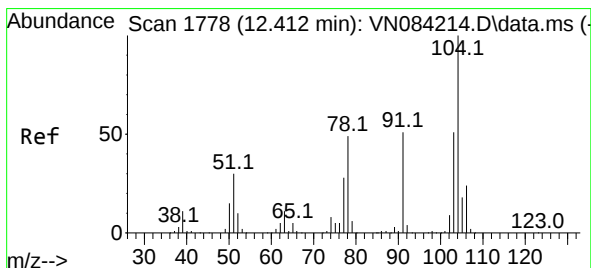
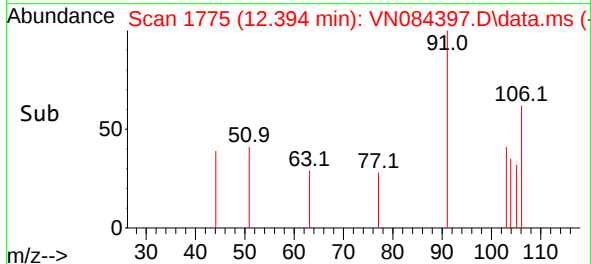
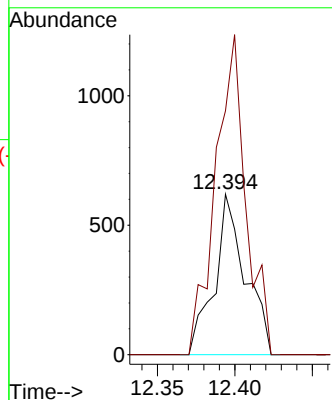
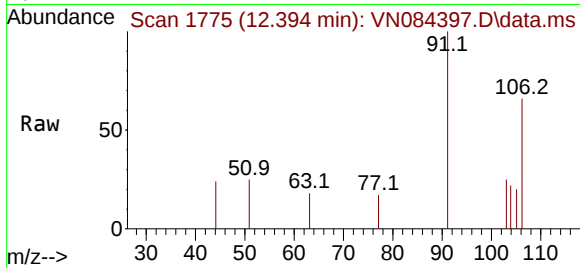
#69
o-Xylene
Concen: 0.238 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:106 Resp: 861
Ion Ratio Lower Upper
106 100
91 195.6 110.2 330.6

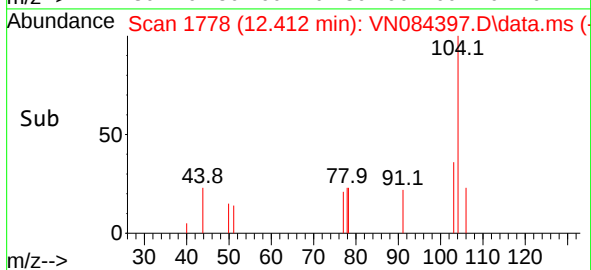
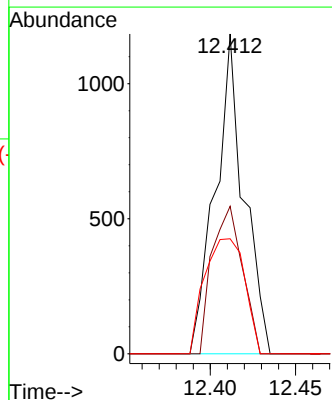
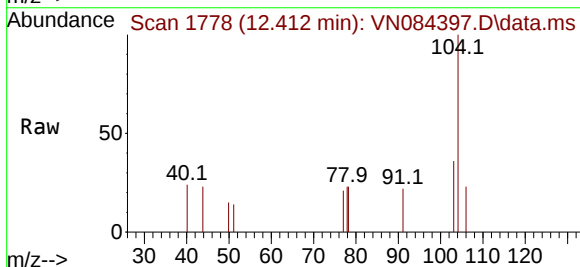
Manual Integrations
APPROVED

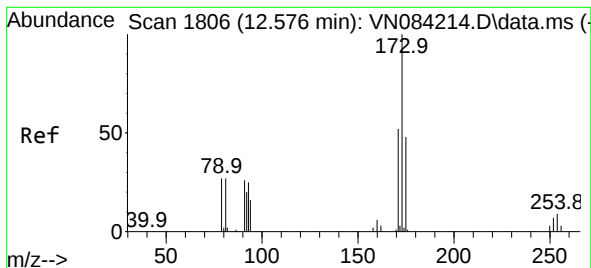
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#70
Styrene
Concen: 0.225 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Tgt Ion:104 Resp: 1381
Ion Ratio Lower Upper
104 100
78 48.9 42.7 64.1
103 50.5 43.6 65.4





#71

Bromoform

Concen: 0.377 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084397.D

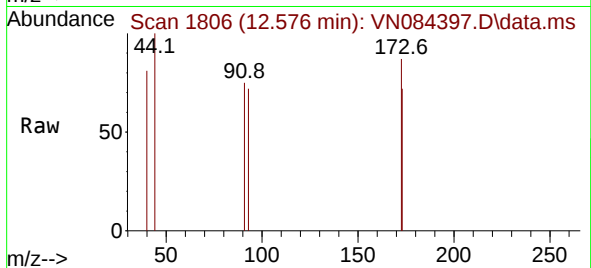
Acq: 11 Oct 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024



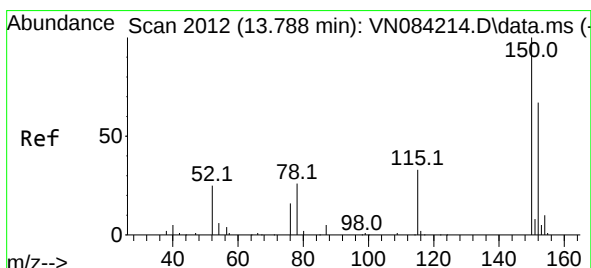
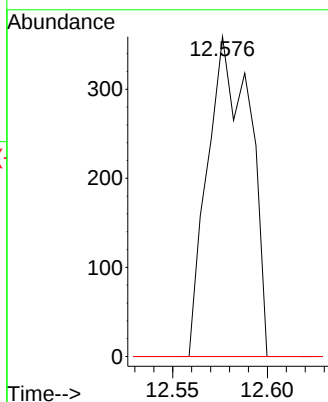
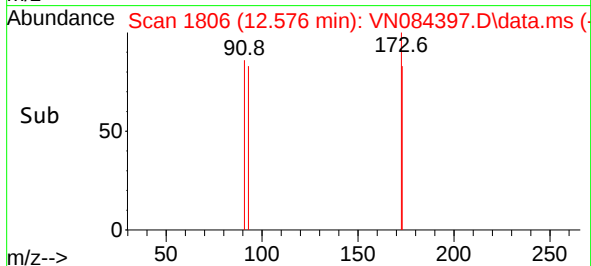
Tgt Ion:	173	Resp:	558
Ion Ratio	Lower	Upper	
173	100		
175	0.0	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

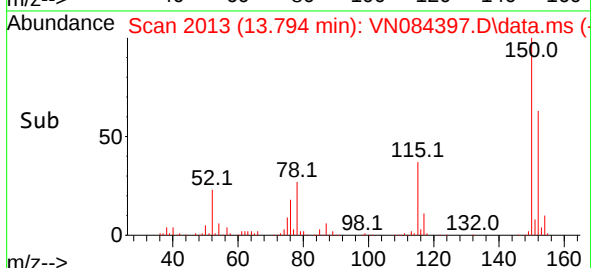
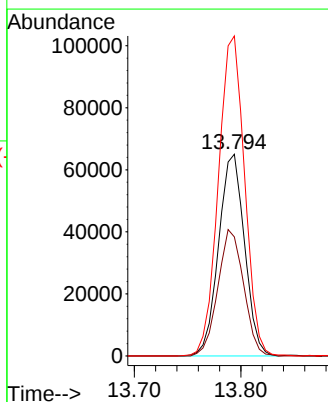
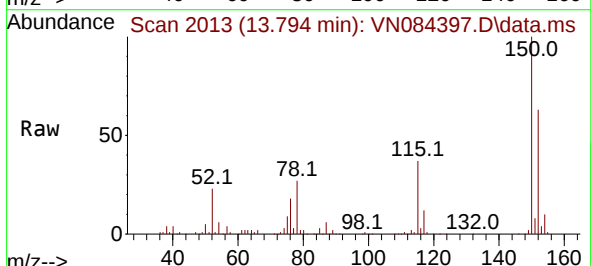
RT: 13.794 min Scan# 2013

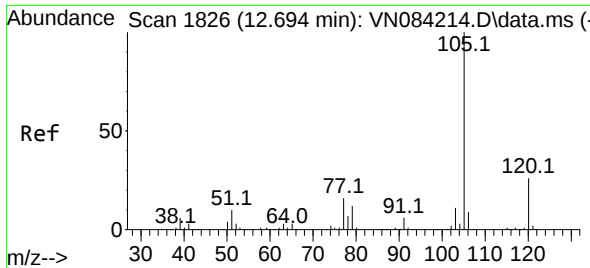
Delta R.T. 0.006 min

Lab File: VN084397.D

Acq: 11 Oct 2024 13:53

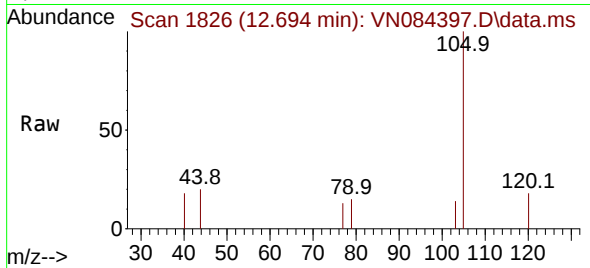
Tgt Ion:	152	Resp:	109916
Ion Ratio	Lower	Upper	
152	100		
115	62.1	31.3	93.9
150	160.6	0.0	349.8





#73
Isopropylbenzene
Concen: 0.217 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

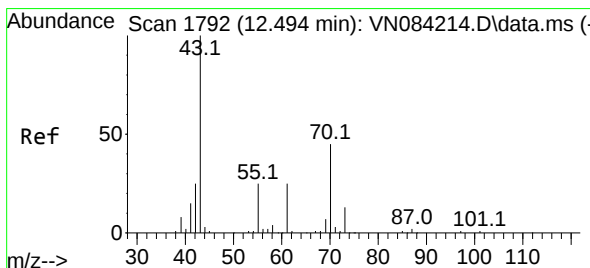
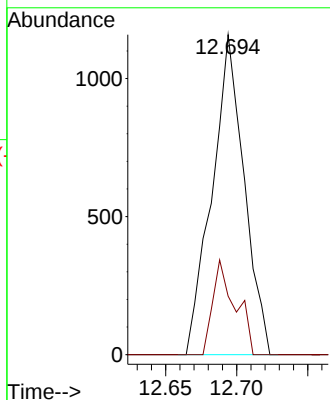
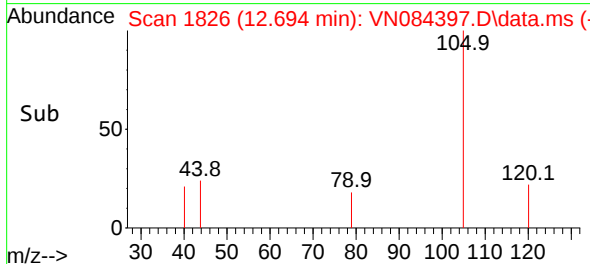
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



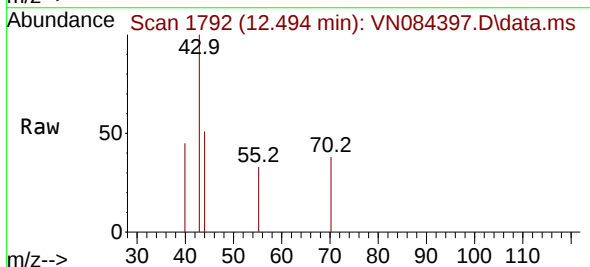
Tgt Ion: 105 Resp: 1810
Ion Ratio Lower Upper
105 100
120 20.8 12.9 38.7

Manual Integrations
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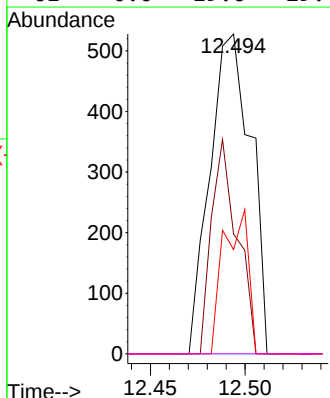
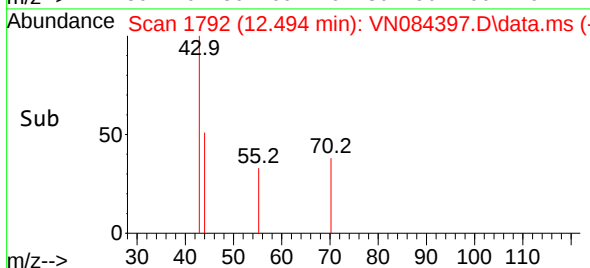
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

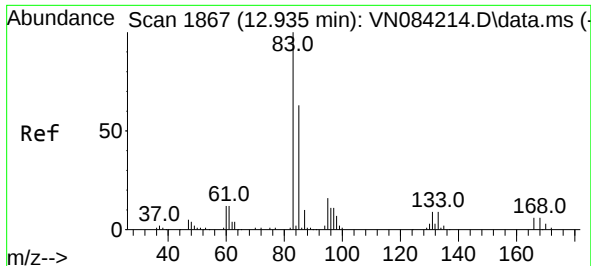


#74
N-ethyl acetate
Concen: 0.209 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53



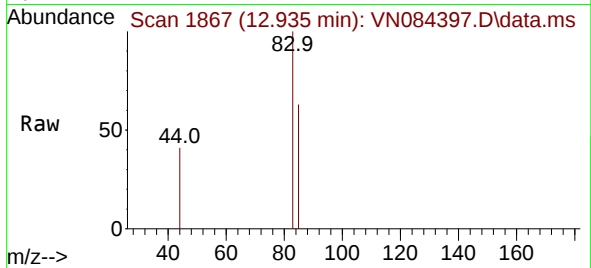
Tgt Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
70 42.2 34.4 51.6
55 27.3 19.6 29.4
61 0.0 19.6 29.4#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.245 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

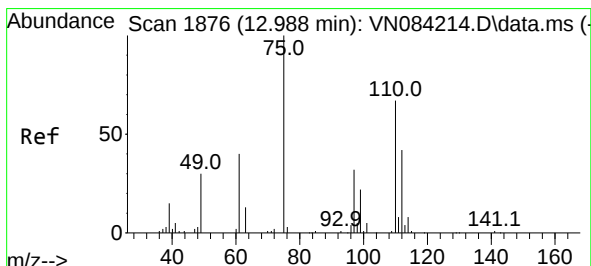
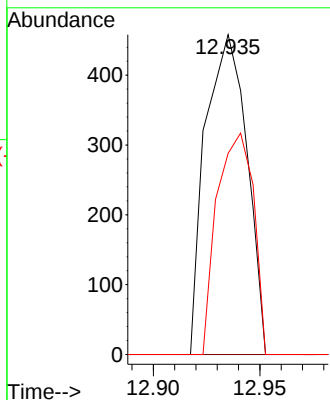
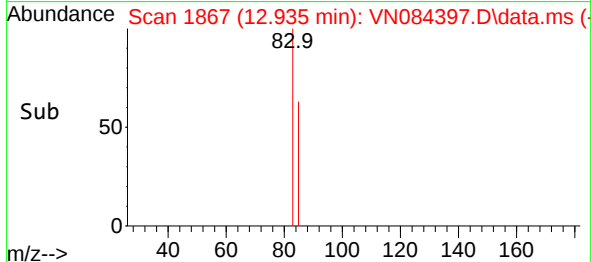
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 83 Resp: 619
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7
85 61.1 31.9 95.7

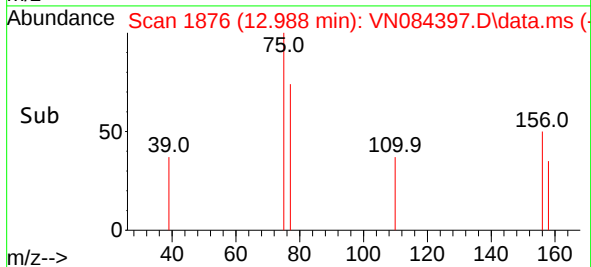
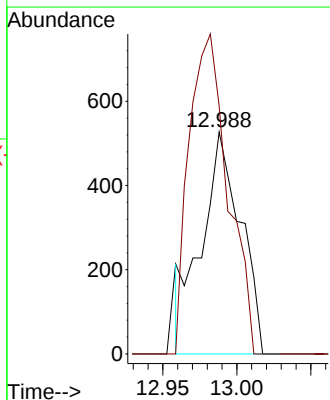
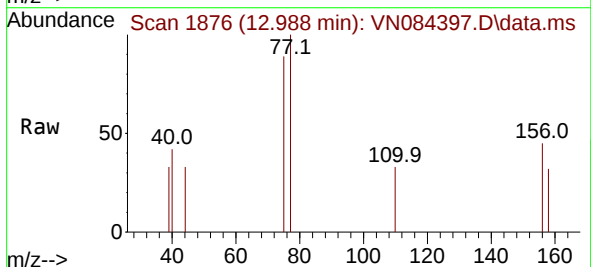
Manual Integrations
APPROVED

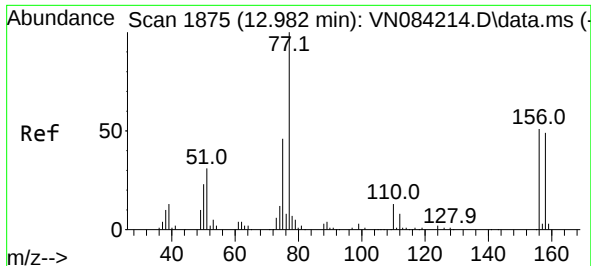
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#76
1,2,3-Trichloropropane
Concen: 0.430 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

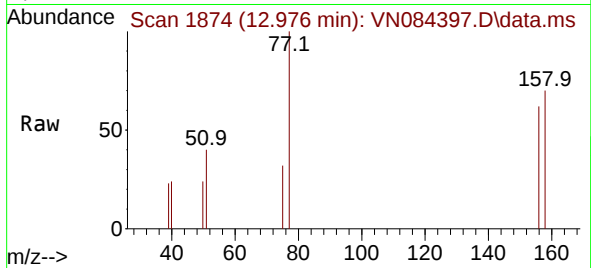
Tgt Ion: 75 Resp: 965
Ion Ratio Lower Upper
75 100
77 80.3 96.9 290.7#





#77
Bromobenzene
Concen: 0.257 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

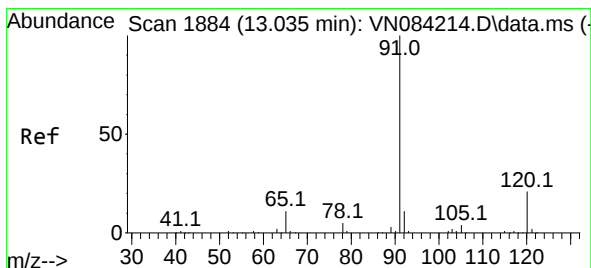
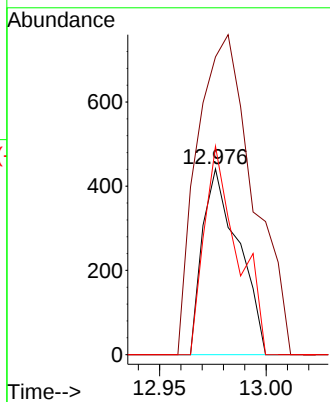
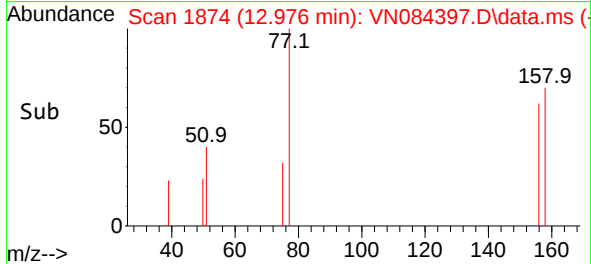
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



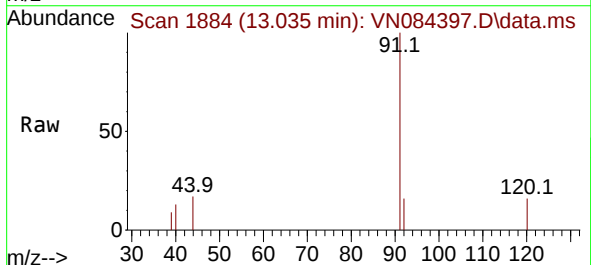
Tgt Ion:156 Resp: 519
Ion Ratio Lower Upper
156 100
77 267.1 115.1 345.3
158 103.7 48.9 146.8

Manual Integrations
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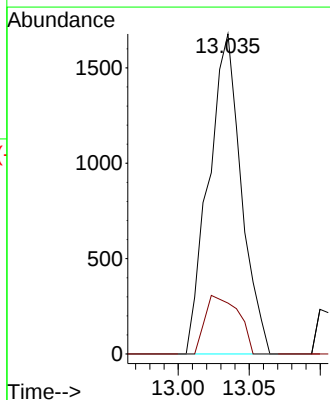
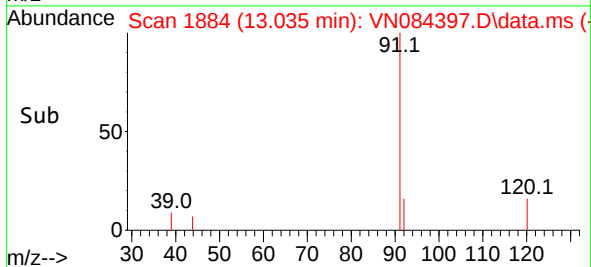
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

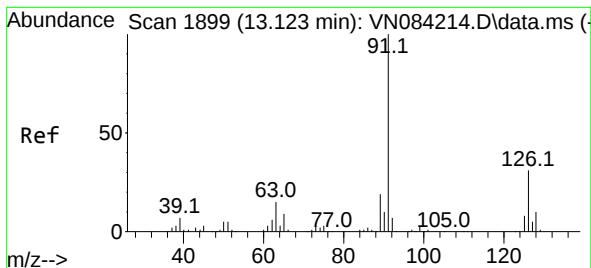


#78
n-propylbenzene
Concen: 0.276 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53



Tgt Ion: 91 Resp: 2682
Ion Ratio Lower Upper
91 100
120 18.7 10.8 32.4





#79

2-Chlorotoluene

Concen: 0.269 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN084397.D

Acq: 11 Oct 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024

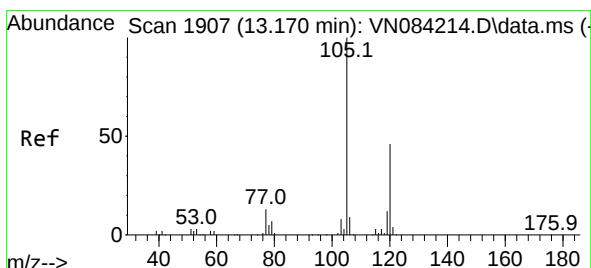
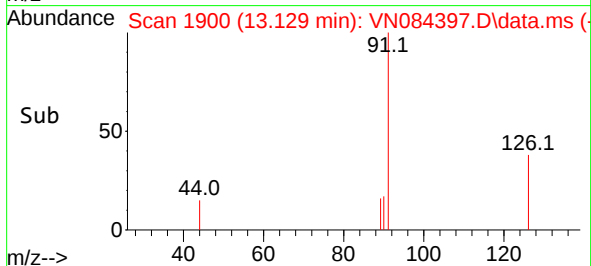
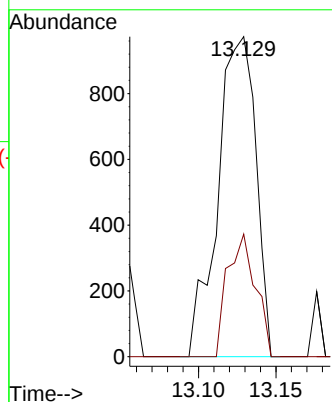
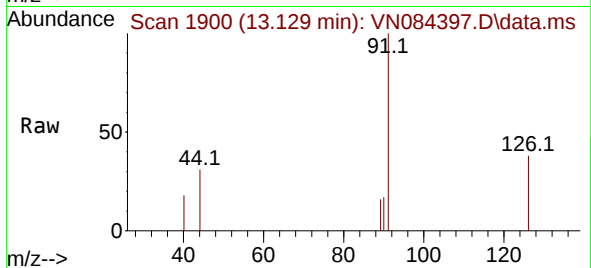
Tgt Ion: 91 Resp: 166
 Ion Ratio Lower Upper
 91 100
 126 28.1 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#80

1,3,5-Trimethylbenzene

Concen: 0.235 ug/l

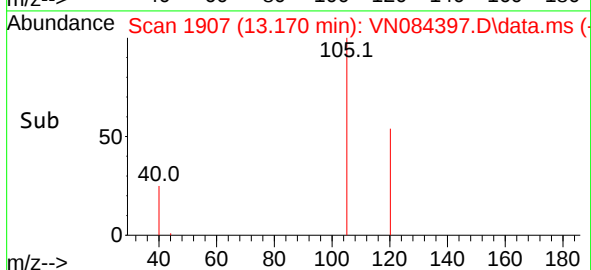
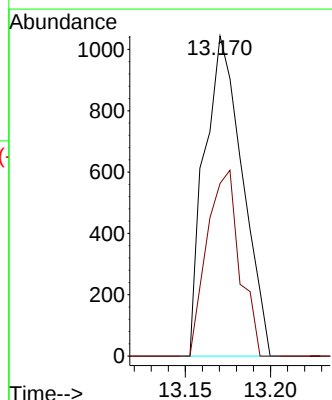
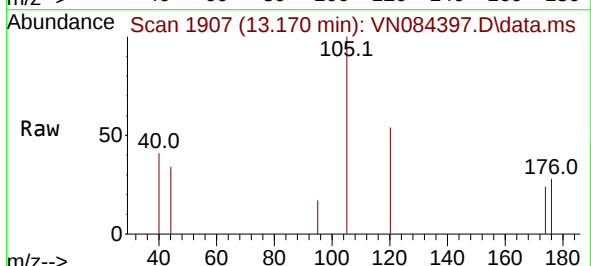
RT: 13.170 min Scan# 1907

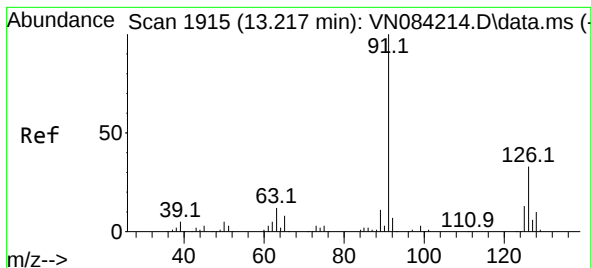
Delta R.T. -0.000 min

Lab File: VN084397.D

Acq: 11 Oct 2024 13:53

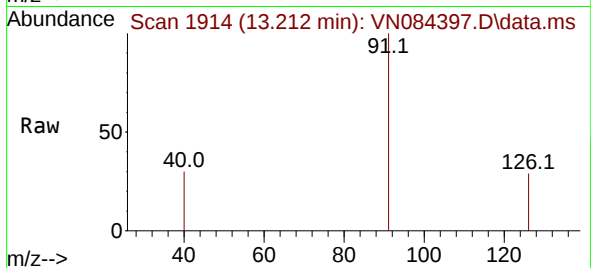
Tgt Ion:105 Resp: 1611
 Ion Ratio Lower Upper
 105 100
 120 50.1 23.7 71.1





#82
4-Chlorotoluene
Concen: 0.256 ug/l
RT: 13.212 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

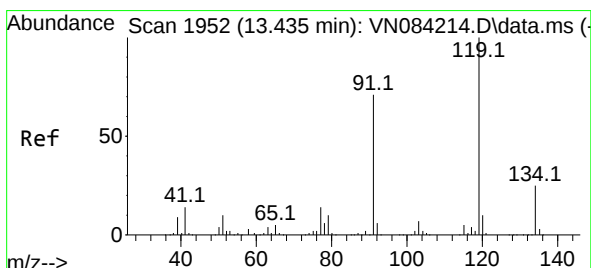
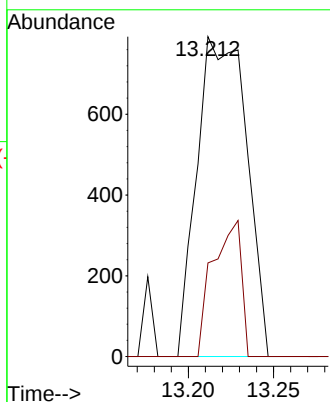
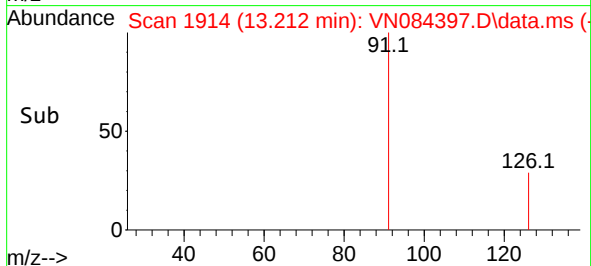
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 91 Resp: 1599
Ion Ratio Lower Upper
91 100
126 24.5 15.7 47.1

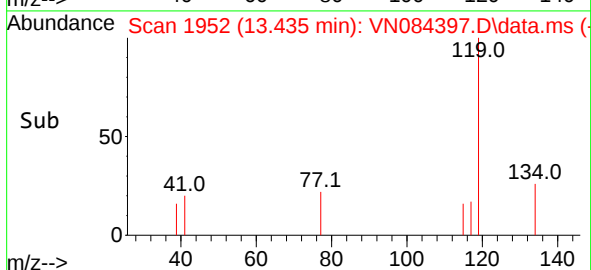
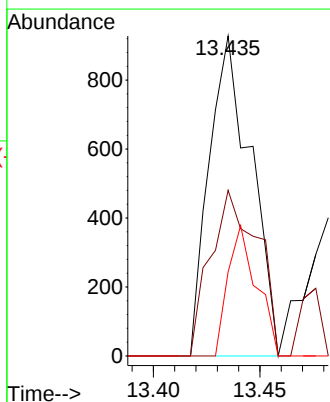
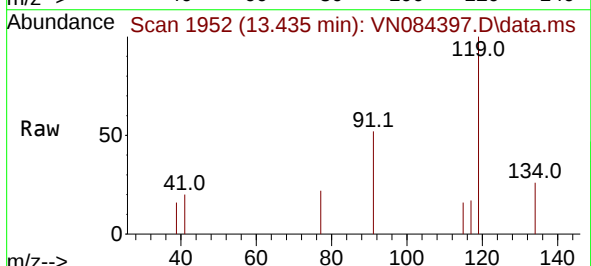
Manual Integrations
APPROVED

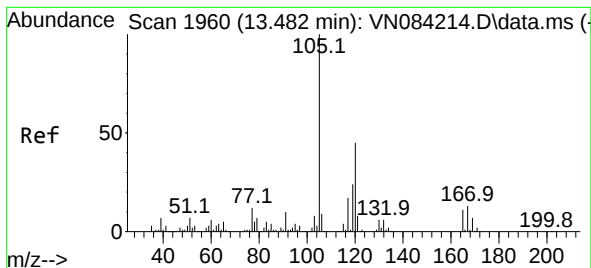
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#83
tert-Butylbenzene
Concen: 0.208 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Tgt Ion:119 Resp: 1264
Ion Ratio Lower Upper
119 100
91 58.5 34.1 102.3
134 28.1 12.8 38.4





#84

1,2,4-Trimethylbenzene

Concen: 0.203 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN084397.D

Acq: 11 Oct 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:105 Resp: 1398

Ion Ratio Lower Upper

105 100

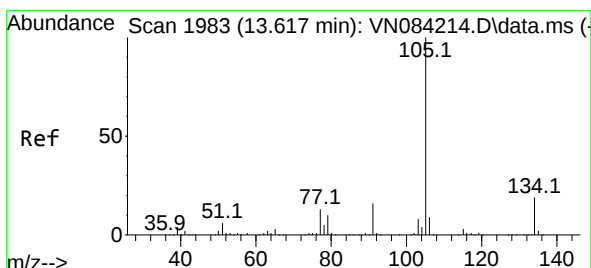
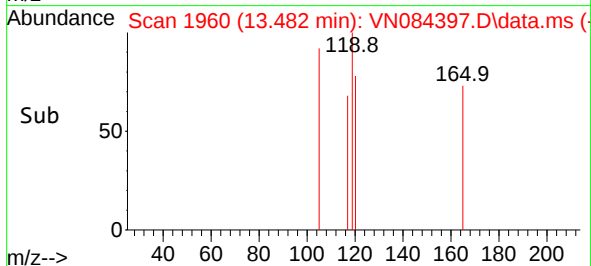
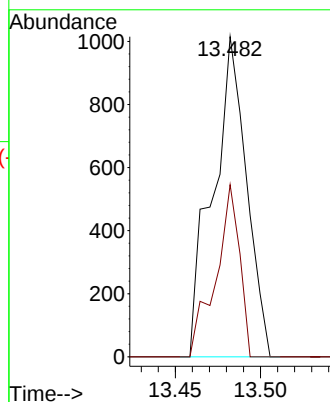
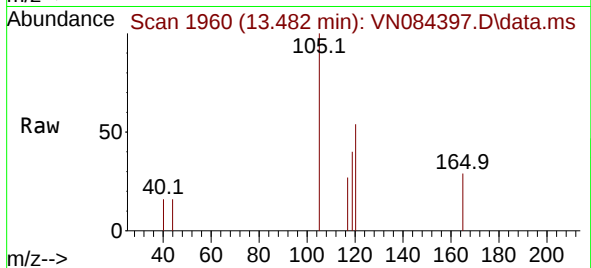
120 37.9 22.3 66.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#85

sec-Butylbenzene

Concen: 0.228 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN084397.D

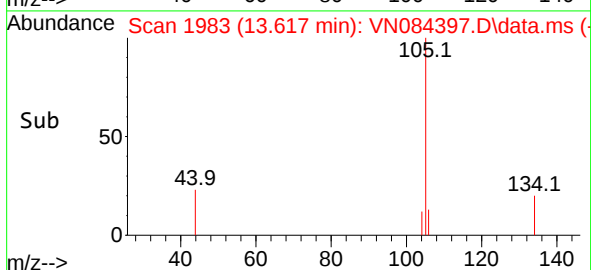
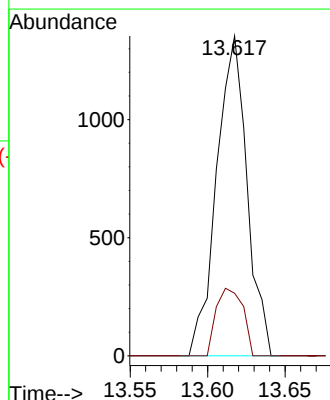
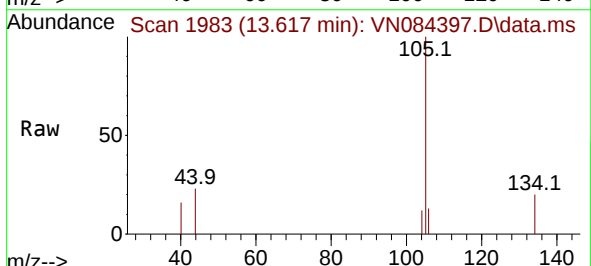
Acq: 11 Oct 2024 13:53

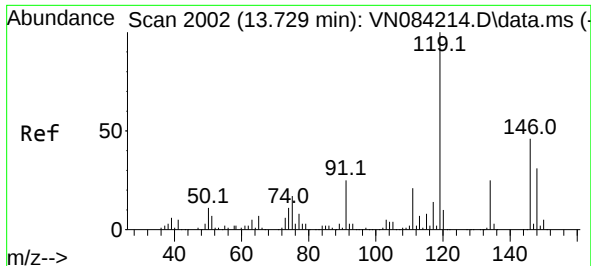
Tgt Ion:105 Resp: 1847

Ion Ratio Lower Upper

105 100

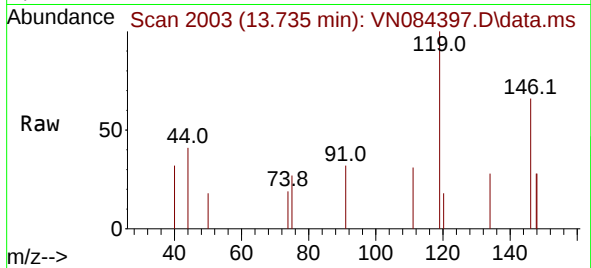
134 18.5 9.8 29.4





#86
p-Isopropyltoluene
Concen: 0.195 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

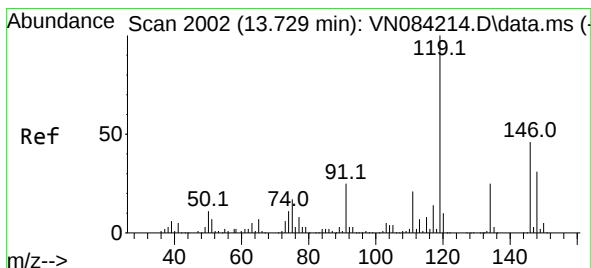
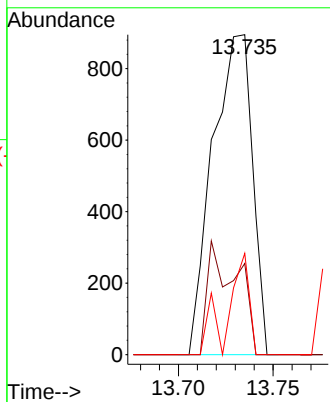
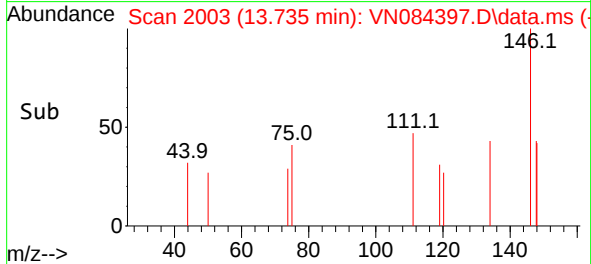
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



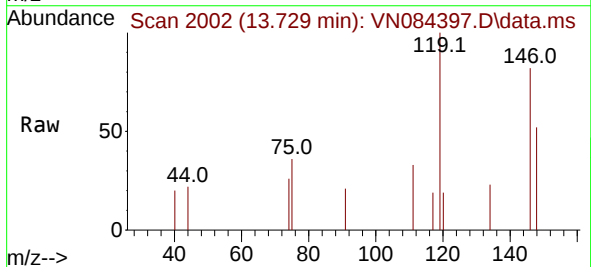
Tgt Ion:119 Resp: 1300
Ion Ratio Lower Upper
119 100
134 26.2 12.6 37.8
91 17.4 12.4 37.2

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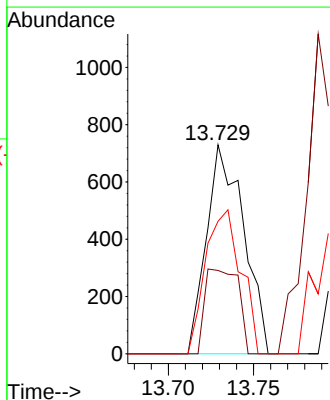
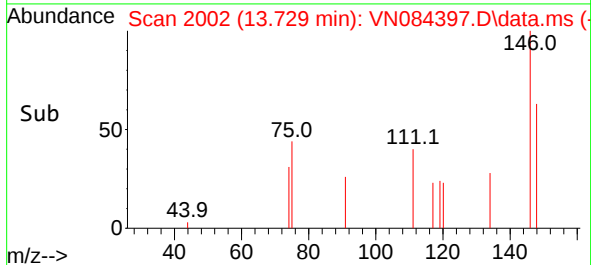
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

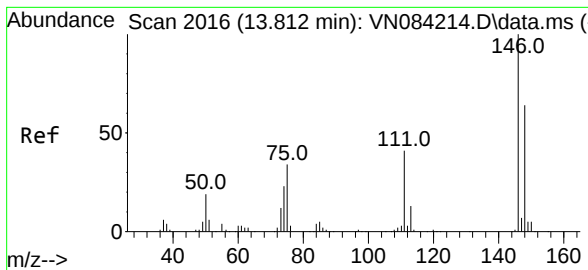


#87
1,3-Dichlorobenzene
Concen: 0.292 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53



Tgt Ion:146 Resp: 1107
Ion Ratio Lower Upper
146 100
111 36.3 21.8 65.3
148 65.8 31.9 95.7





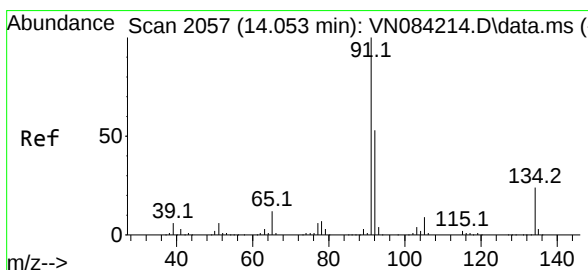
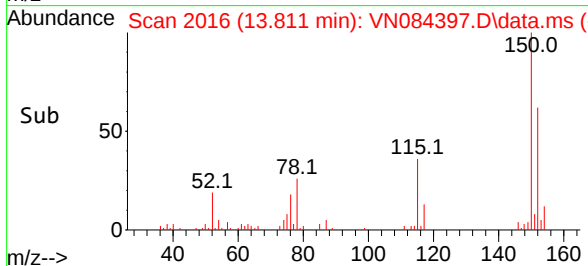
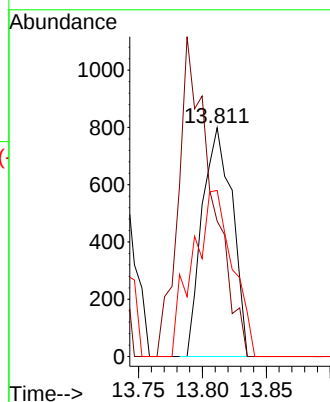
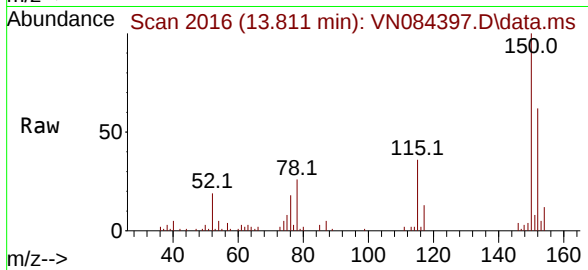
#88
1,4-Dichlorobenzene
Concen: 0.341 ug/l m
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:146 Resp: 1307
Ion Ratio Lower Upper
146 100
111 30.8 21.2 63.6
148 55.7 31.9 95.9

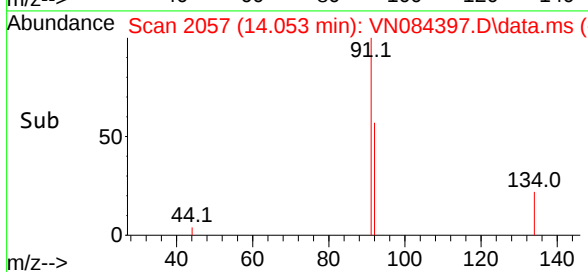
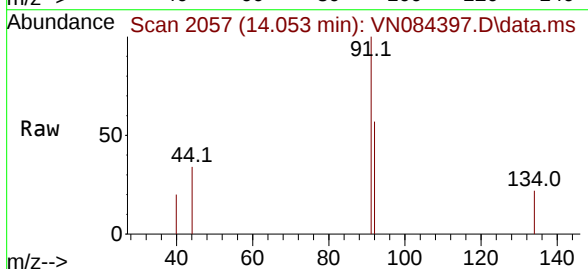
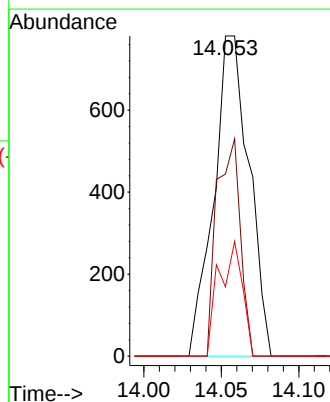
Manual Integrations
APPROVED

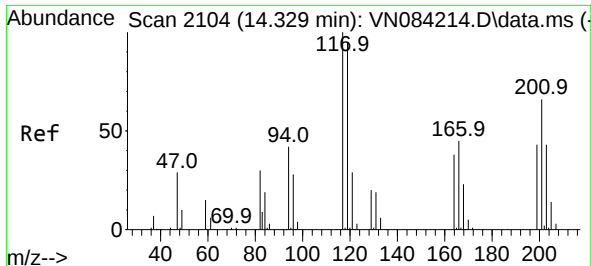
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#89
n-Butylbenzene
Concen: 0.203 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

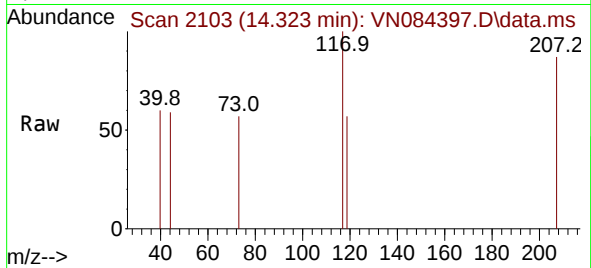
Tgt Ion: 91 Resp: 1236
Ion Ratio Lower Upper
91 100
92 45.3 26.6 79.7
134 23.6 12.3 36.9





#90
Hexachloroethane
Concen: 0.280 ug/l
RT: 14.323 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

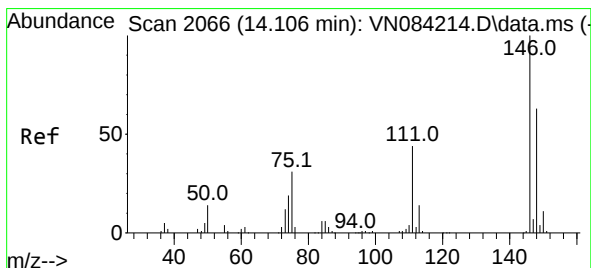
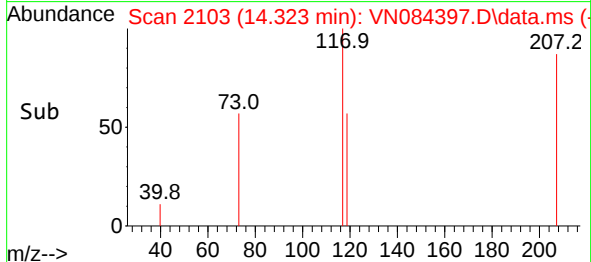
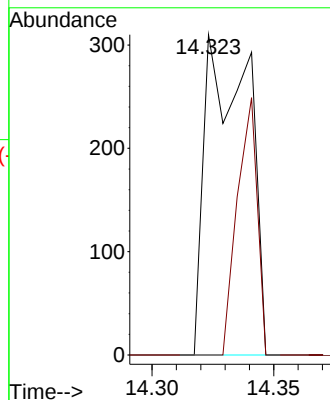
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:117 Resp: 382
Ion Ratio Lower Upper
117 100
201 37.2 34.4 103.2

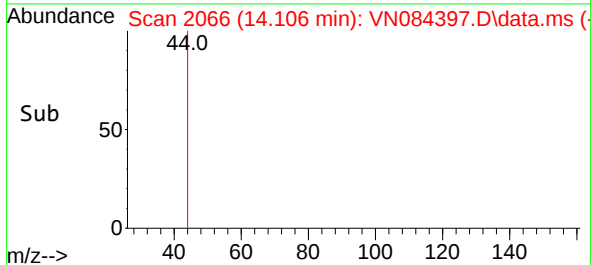
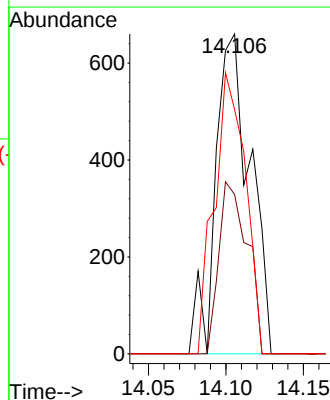
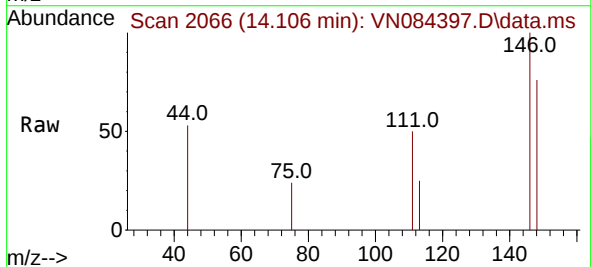
Manual Integrations
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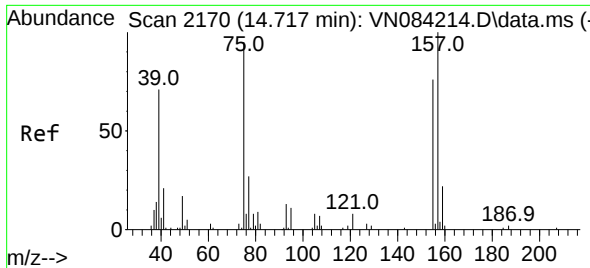
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#91
1,2-Dichlorobenzene
Concen: 0.276 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Tgt Ion:146 Resp: 1027
Ion Ratio Lower Upper
146 100
111 44.1 22.0 66.0
148 79.0 32.1 96.3





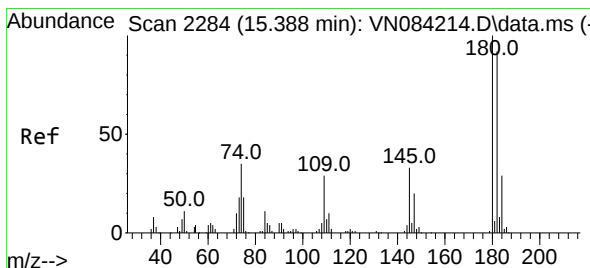
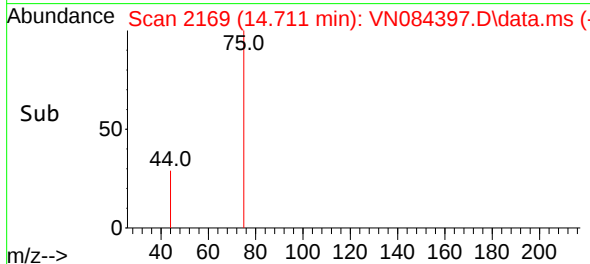
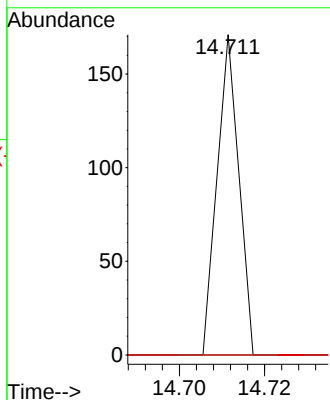
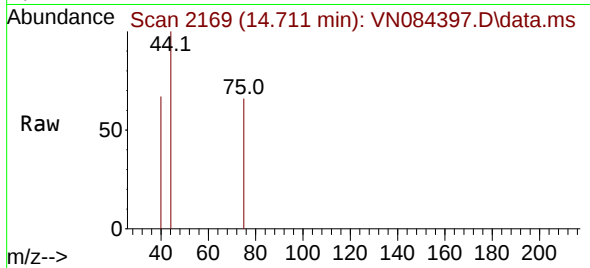
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.115 ug/l
RT: 14.711 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 75 Resp: 60
Ion Ratio Lower Upper
75 100
155 0.0 38.1 114.5
157 0.0 49.6 149.0

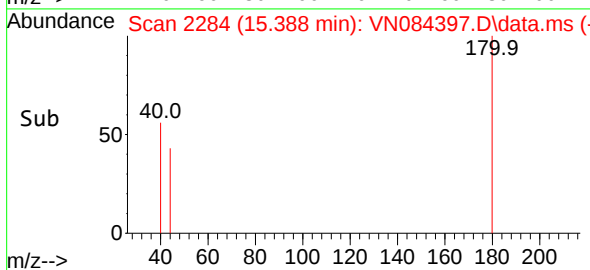
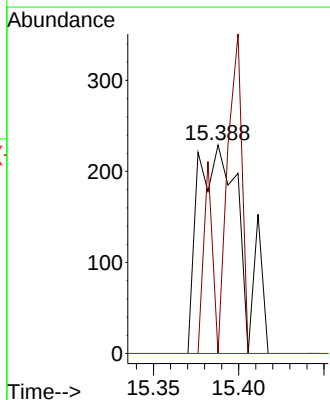
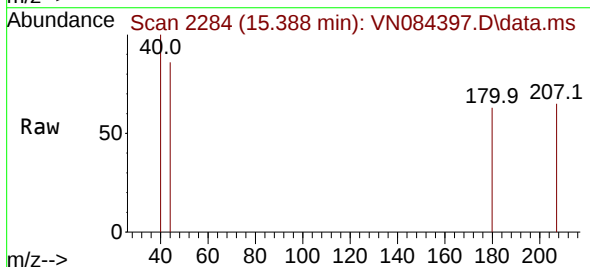
Manual Integrations
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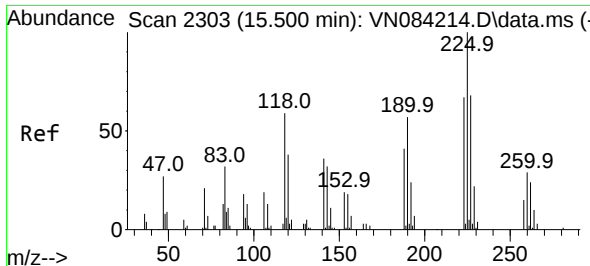
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#93
1,2,4-Trichlorobenzene
Concen: 0.224 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

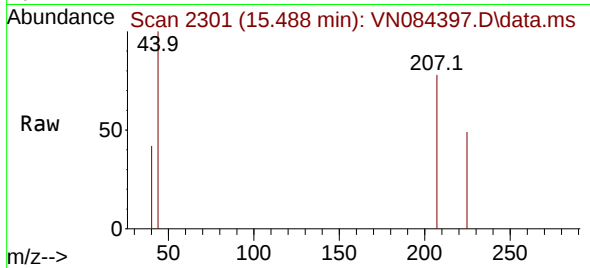
Tgt Ion:180 Resp: 411
Ion Ratio Lower Upper
180 100
182 67.9 47.0 141.0
145 0.0 16.4 49.4





#94
Hexachlorobutadiene
Concen: 0.144 ug/l
RT: 15.488 min Scan# 2301
Delta R.T. -0.012 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53

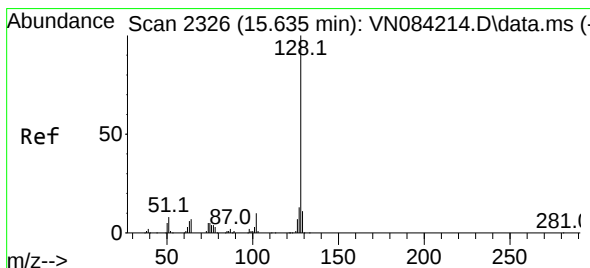
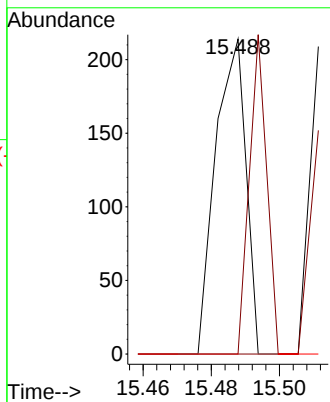
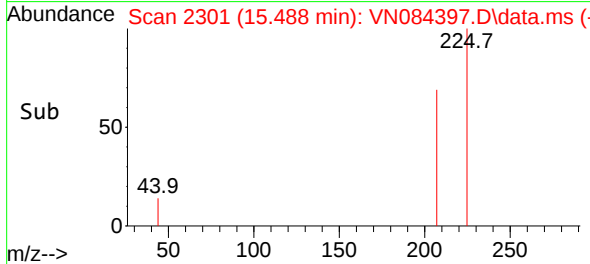
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



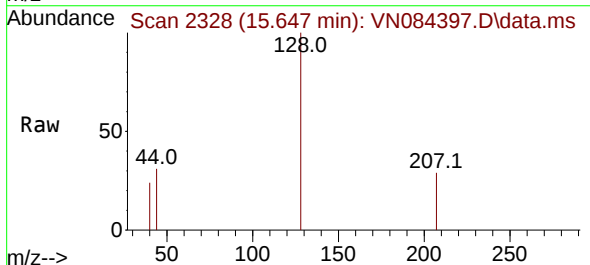
Tgt Ion:225 Resp: 132
Ion Ratio Lower Upper
225 100
223 58.3 32.4 97.2
227 0.0 32.4 97.0

Manual Integrations
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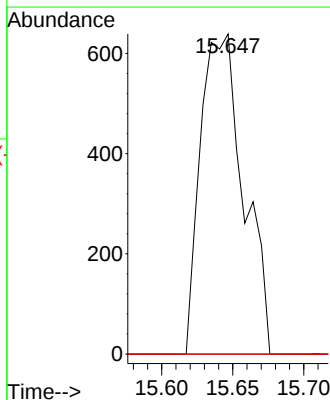
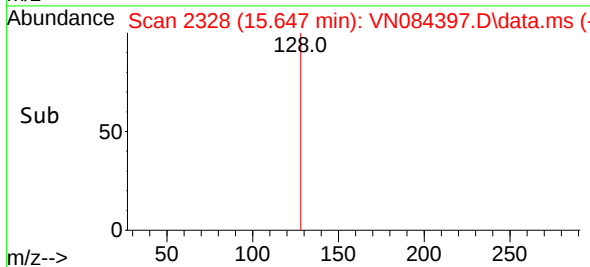
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

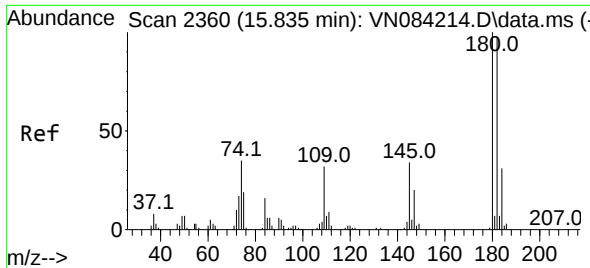


#95
Naphthalene
Concen: 0.222 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.012 min
Lab File: VN084397.D
Acq: 11 Oct 2024 13:53



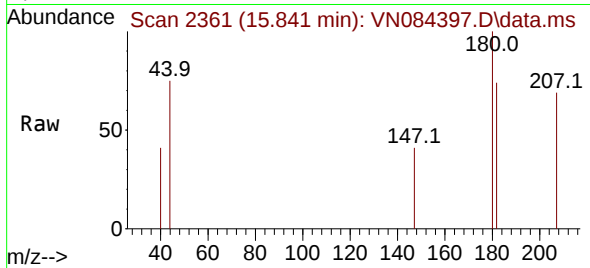
Tgt Ion:128 Resp: 1348
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.250 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084397.D
 Acq: 11 Oct 2024 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2024



Tgt Ion:180 Resp: 458
 Ion Ratio Lower Upper
 180 100
 182 68.3 48.2 144.6
 145 0.0 17.3 51.9

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/14/2024
 Supervised By :Mahesh Dadoda 10/14/2024

