

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
 Data File : VN084385.D
 Acq On : 10 Oct 2024 13:45
 Operator : JC\MD
 Sample : P4368-07 0.75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Quant Time: Oct 11 08:32:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 05:25:25 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110578	51.284	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.560%			
35) Dibromofluoromethane	8.165	113	85737	49.359	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.720%			
50) Toluene-d8	10.565	98	296820	46.446	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.900%			
62) 4-Bromofluorobenzene	12.847	95	97912	42.055	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 84.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	1390	0.808	ug/l	72
3) Chloromethane	2.365	50	1607	0.818	ug/l #	84
4) Vinyl Chloride	2.512	62	1515	0.796	ug/l #	88
5) Bromomethane	2.971	94	1434m	1.143	ug/l	
6) Chloroethane	3.124	64	2144m	1.574	ug/l	
7) Trichlorofluoromethane	3.506	101	2789	0.941	ug/l #	65
8) Diethyl Ether	3.959	74	620	0.564	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.377	101	1273	0.750	ug/l #	56
10) Methyl Iodide	4.589	142	1498	0.685	ug/l #	84
11) Tert butyl alcohol	5.518	59	1191	3.350	ug/l #	73
12) 1,1-Dichloroethene	4.341	96	1196	0.730	ug/l	81
13) Acrolein	4.200	56	846	2.073	ug/l	91
14) Allyl chloride	5.024	41	1631	0.574	ug/l #	85
15) Acrylonitrile	5.724	53	2856	3.181	ug/l	93
16) Acetone	4.441	43	4145	4.475	ug/l	92
17) Carbon Disulfide	4.712	76	3946	0.761	ug/l #	75
18) Methyl Acetate	5.036	43	1684	0.834	ug/l #	69
19) Methyl tert-butyl Ether	5.788	73	3789	0.686	ug/l #	54
20) Methylene Chloride	5.265	84	1547m	0.822	ug/l	
21) trans-1,2-Dichloroethene	5.788	96	1215	0.708	ug/l #	67
22) Diisopropyl ether	6.677	45	3501	0.595	ug/l #	78
23) Vinyl Acetate	6.600	43	13800	3.163	ug/l #	92
24) 1,1-Dichloroethane	6.559	63	1211	0.368	ug/l #	83
25) 2-Butanone	7.488	43	5059	4.010	ug/l	94
26) 2,2-Dichloropropane	7.482	77	2501	0.843	ug/l #	73
27) cis-1,2-Dichloroethene	7.482	96	1454	0.701	ug/l	76
28) Bromochloromethane	7.818	49	1164	0.793	ug/l #	89
29) Tetrahydrofuran	7.847	42	2479	3.184	ug/l #	82
30) Chloroform	7.965	83	2812	0.823	ug/l #	67
31) Cyclohexane	8.229	56	5744	1.798	ug/l #	34
32) 1,1,1-Trichloroethane	8.171	97	1996	0.650	ug/l #	53
36) 1,1-Dichloropropene	8.365	75	917	0.363	ug/l	92
37) Ethyl Acetate	7.559	43	1695	0.655	ug/l #	72
38) Carbon Tetrachloride	8.359	117	1905	0.688	ug/l #	82
39) Methylcyclohexane	9.600	83	1785	0.636	ug/l #	79
40) Benzene	8.606	78	5910	0.752	ug/l #	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	905	0.644	ug/l #	65
42) 1,2-Dichloroethane	8.665	62	2302	0.864	ug/l #	75
43) Isopropyl Acetate	8.688	43	5211	1.028	ug/l #	78
44) Trichloroethene	9.347	130	1551	0.845	ug/l	79
45) 1,2-Dichloropropane	9.629	63	1374	0.739	ug/l #	44
46) Dibromomethane	9.712	93	974	0.776	ug/l	93
47) Bromodichloromethane	9.894	83	2265	0.812	ug/l #	80
48) Methyl methacrylate	9.682	41	1265	0.627	ug/l	93
49) 1,4-Dioxane	9.706	88	349	9.393	ug/l #	61
51) 4-Methyl-2-Pentanone	10.447	43	7554	3.066	ug/l	99
52) Toluene	10.629	92	3239	0.676	ug/l	93
53) t-1,3-Dichloropropene	10.835	75	1961	0.690	ug/l	90
54) cis-1,3-Dichloropropene	10.318	75	2077	0.679	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	1436	0.836	ug/l #	78
56) Ethyl methacrylate	10.876	69	1286	0.455	ug/l #	61
57) 1,3-Dichloropropane	11.165	76	2207	0.719	ug/l	90
58) 2-Chloroethyl Vinyl ether	10.165	63	3675	2.802	ug/l	94
59) 2-Hexanone	11.194	43	5585	3.033	ug/l	88
60) Dibromochloromethane	11.359	129	1382	0.681	ug/l	91
61) 1,2-Dibromoethane	11.465	107	1295	0.725	ug/l	92
64) Tetrachloroethene	11.100	164	1166	0.739	ug/l #	87
65) Chlorobenzene	11.894	112	3622	0.721	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	1419	0.821	ug/l #	60
67) Ethyl Benzene	11.965	91	5443	0.613	ug/l	96
68) m/p-Xylenes	12.065	106	3806	1.159	ug/l	97
69) o-Xylene	12.394	106	1544	0.497	ug/l	85
70) Styrene	12.412	104	2729	0.519	ug/l	97
71) Bromoform	12.570	173	962	0.756	ug/l #	65
73) Isopropylbenzene	12.700	105	4143	0.573	ug/l	97
74) N-amyl acetate	12.494	43	1937	0.592	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.935	83	1852	0.852	ug/l #	92
76) 1,2,3-Trichloropropane	12.994	75	2288	1.183	ug/l	66
77) Bromobenzene	12.988	156	1387	0.796	ug/l	97
78) n-propylbenzene	13.029	91	5591	0.668	ug/l	94
79) 2-Chlorotoluene	13.123	91	3804	0.712	ug/l	94
80) 1,3,5-Trimethylbenzene	13.170	105	3262	0.553	ug/l	84
81) trans-1,4-Dichloro-2-b...	12.729	75	445m	0.552	ug/l	
82) 4-Chlorotoluene	13.217	91	3366	0.626	ug/l	99
83) tert-Butylbenzene	13.441	119	2926	0.558	ug/l	94
84) 1,2,4-Trimethylbenzene	13.476	105	3122	0.526	ug/l	98
85) sec-Butylbenzene	13.617	105	3780	0.541	ug/l	95
86) p-Isopropyltoluene	13.729	119	3336	0.577	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	2569	0.786	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	2428m	0.735	ug/l	
89) n-Butylbenzene	14.053	91	3172	0.605	ug/l	94
90) Hexachloroethane	14.341	117	782	0.666	ug/l	78
91) 1,2-Dichlorobenzene	14.106	146	2133	0.665	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	258	0.575	ug/l #	34
93) 1,2,4-Trichlorobenzene	15.400	180	1007	0.638	ug/l #	90
94) Hexachlorobutadiene	15.505	225	382	0.485	ug/l	93
95) Naphthalene	15.641	128	2780	0.531	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.835	180	708	0.448	ug/l #	70

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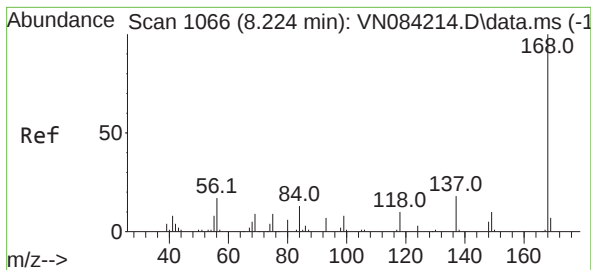
Manual Integrations
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QLast Update : Fri Oct 11 05:25:25 2024
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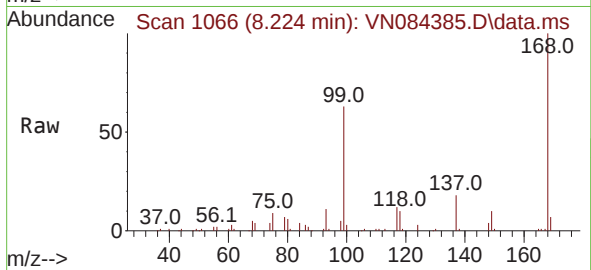
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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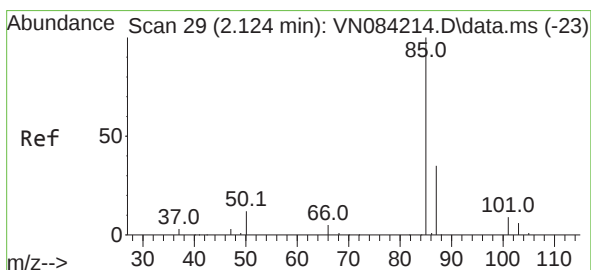
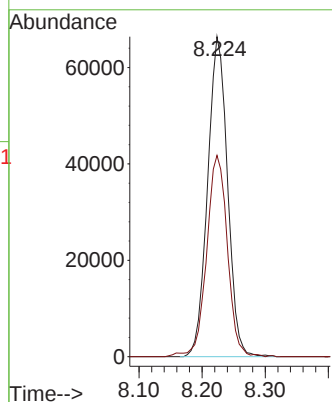
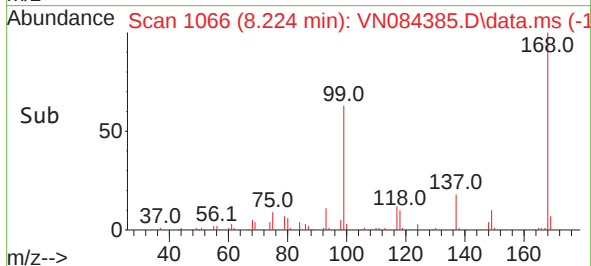
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:168 Resp: 145425
Ion Ratio Lower Upper
168 100
99 62.9 54.2 81.2

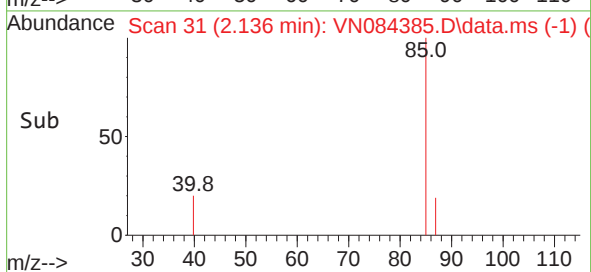
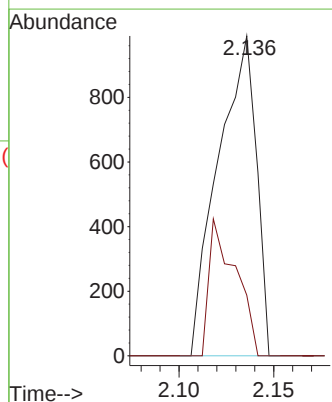
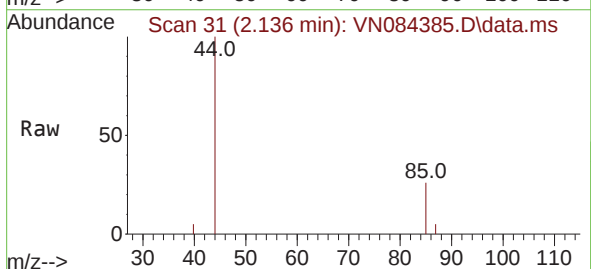
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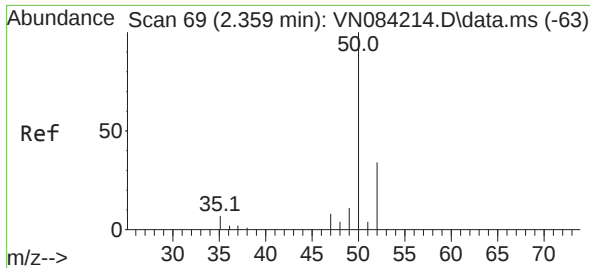
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#2
Dichlorodifluoromethane
Concen: 0.808 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

Tgt Ion: 85 Resp: 1390
Ion Ratio Lower Upper
85 100
87 19.0 17.6 52.9





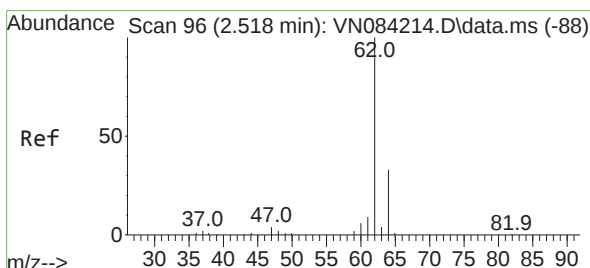
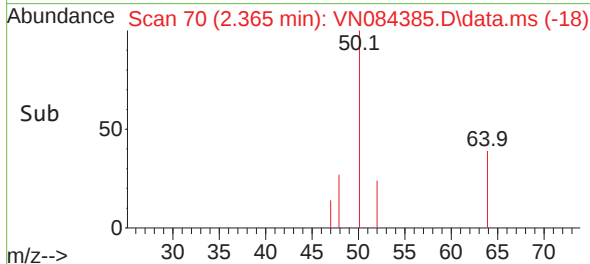
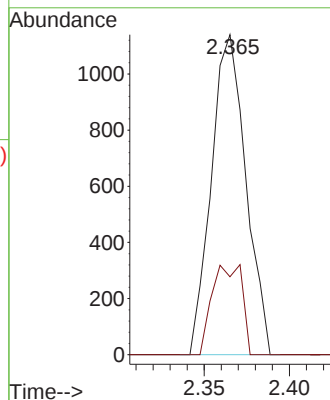
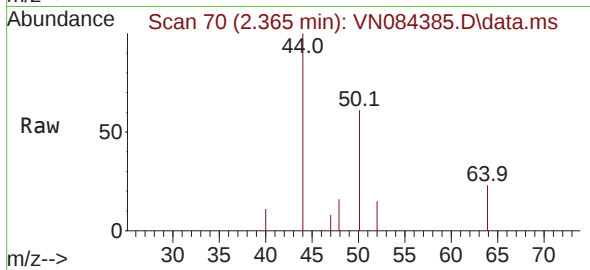
#3
Chloromethane
Concen: 0.818 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084385.D
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Tgt Ion: 50 Resp: 160
Ion Ratio Lower Upper
50 100
52 24.4 26.8 40.2

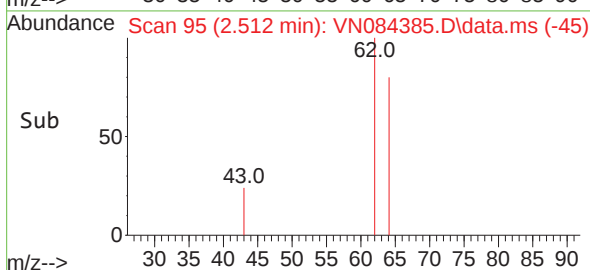
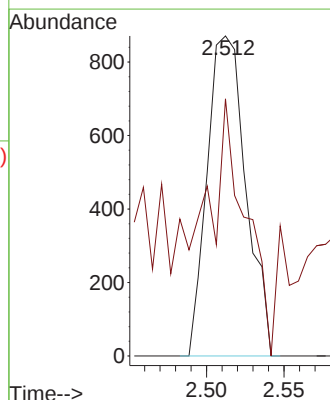
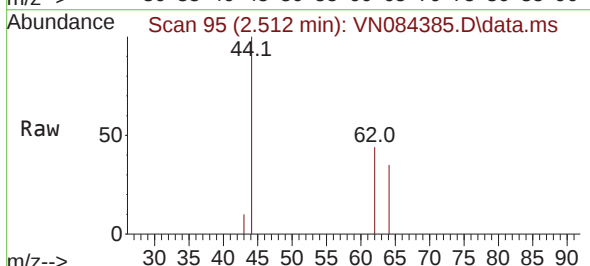
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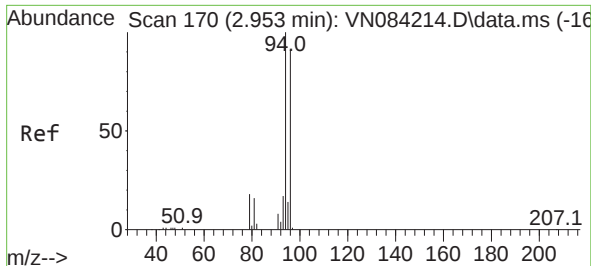
Reviewed By :John Carlone 10/11/2024
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#4
Vinyl Chloride
Concen: 0.796 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

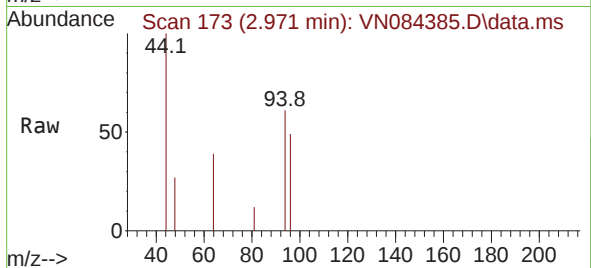
Tgt Ion: 62 Resp: 1515
Ion Ratio Lower Upper
62 100
64 39.7 26.2 39.4





#5
Bromomethane
Concen: 1.143 ug/l m
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

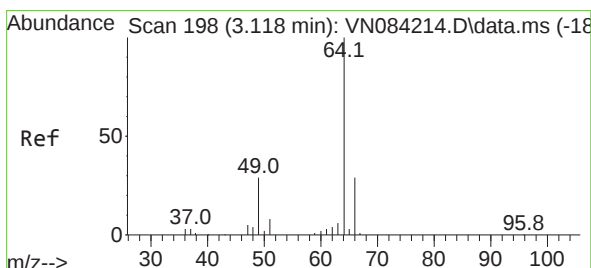
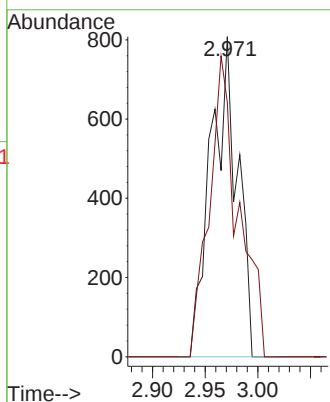
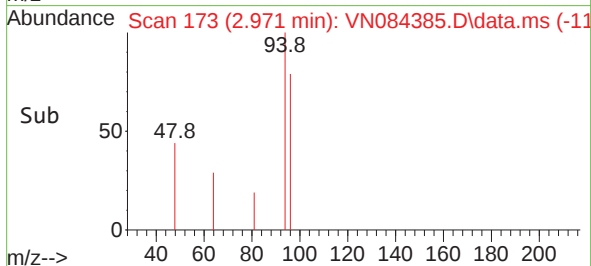
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Tgt Ion: 94 Resp: 1434
Ion Ratio Lower Upper
94 100
96 79.5 72.9 109.3

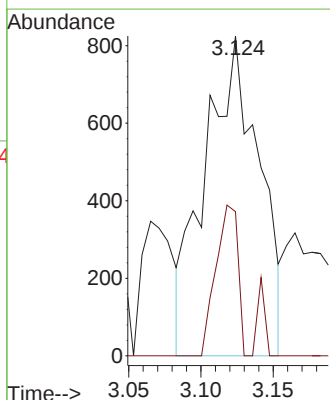
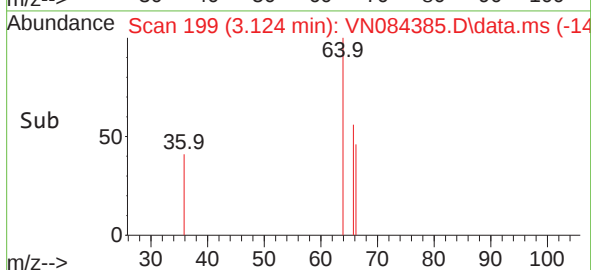
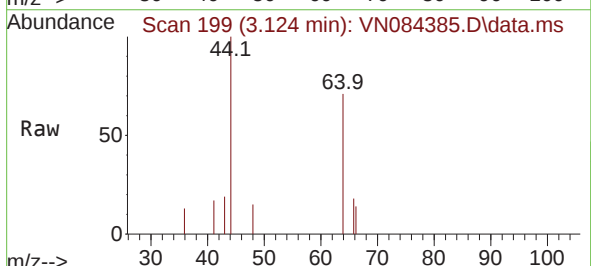
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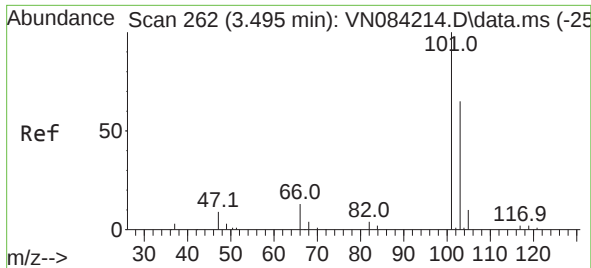
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#6
Chloroethane
Concen: 1.574 ug/l m
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

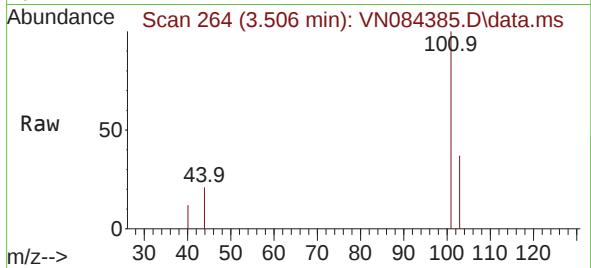
Tgt Ion: 64 Resp: 2144
Ion Ratio Lower Upper
64 100
66 24.7 23.5 35.3





#7
Trichlorofluoromethane
Concen: 0.941 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.012 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

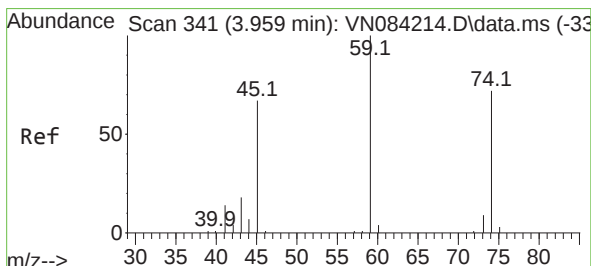
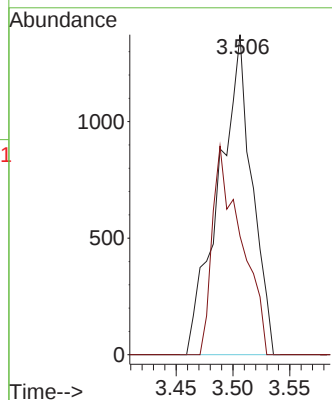
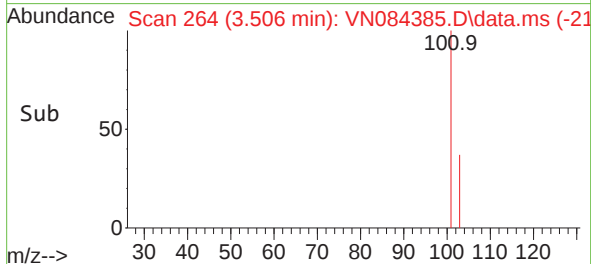
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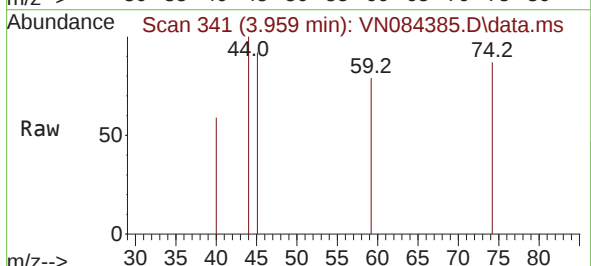
Tgt Ion:101 Resp: 2789
Ion Ratio Lower Upper
101 100
103 37.0 51.8 77.6

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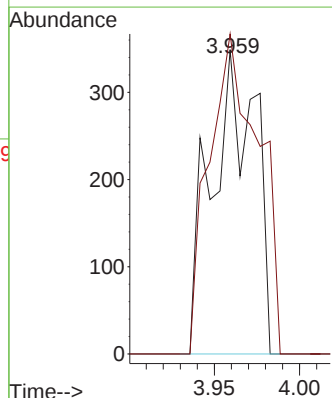
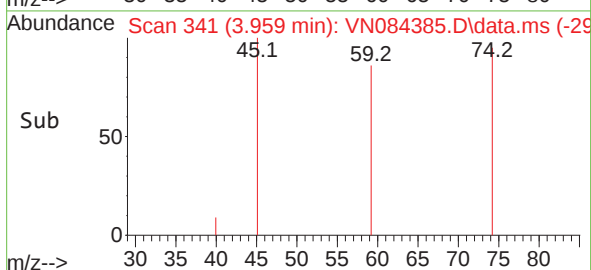
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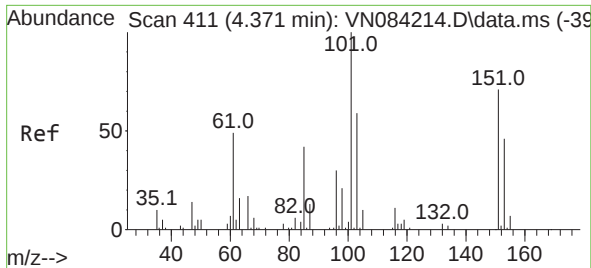


#8
Diethyl Ether
Concen: 0.564 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45



Tgt Ion: 74 Resp: 620
Ion Ratio Lower Upper
74 100
45 119.0 47.7 143.1





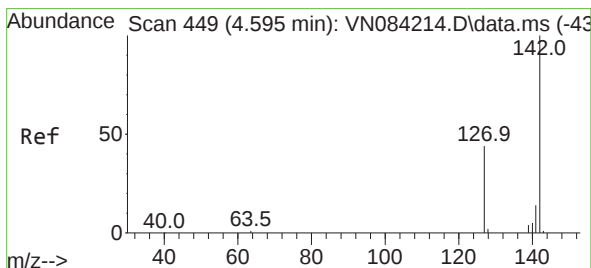
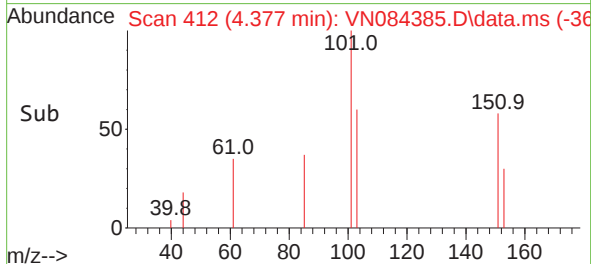
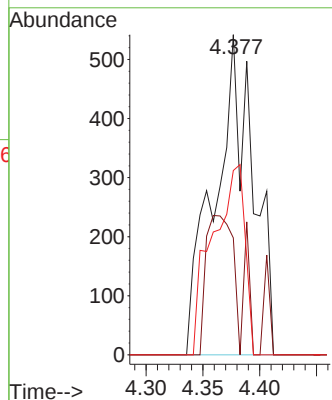
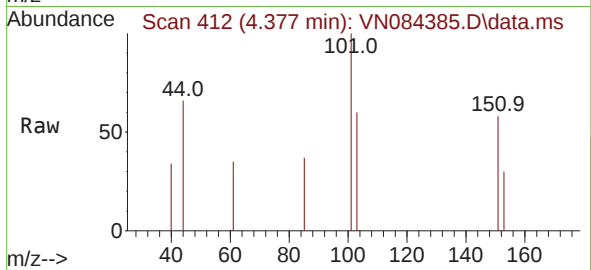
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.750 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:101 Resp: 127
Ion Ratio Lower Upper
101 100
85 0.0 36.2 54.4
151 50.1 59.3 88.9

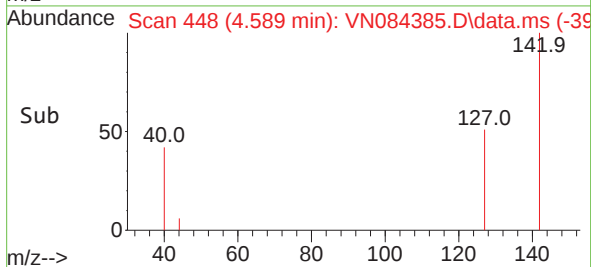
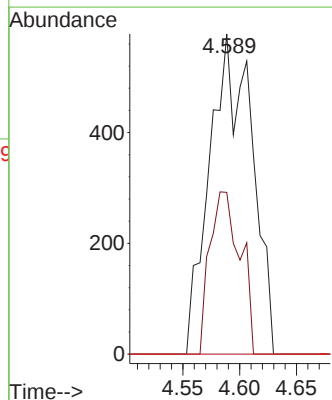
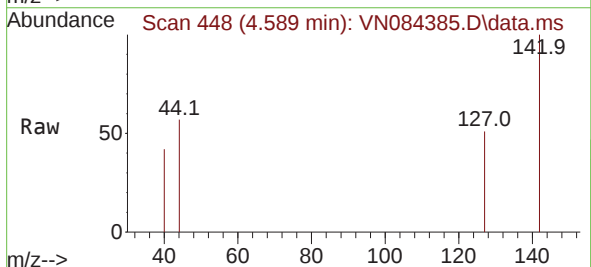
Manual Integrations
APPROVED

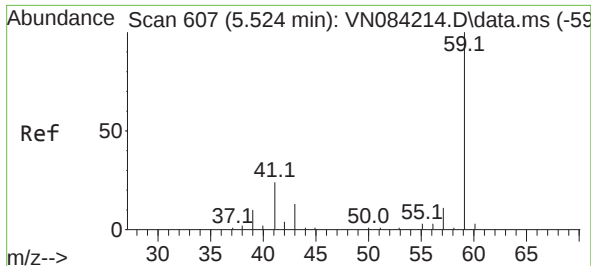
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#10
Methyl Iodide
Concen: 0.685 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

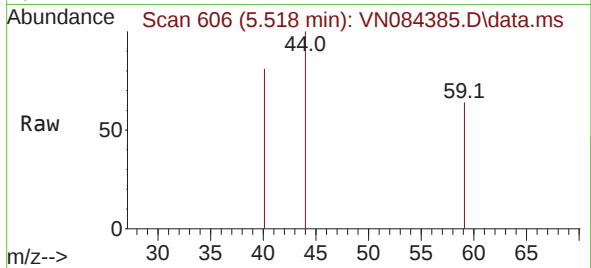
Tgt Ion:142 Resp: 1498
Ion Ratio Lower Upper
142 100
127 50.5 35.3 52.9
141 0.0 11.0 16.6





#11
Tert butyl alcohol
Concen: 3.350 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

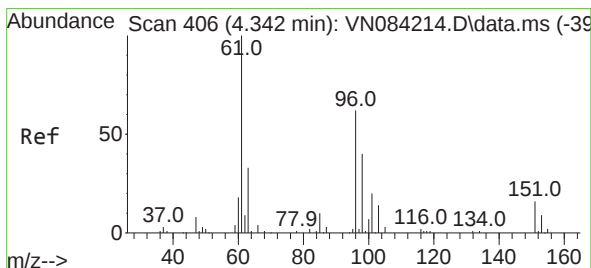
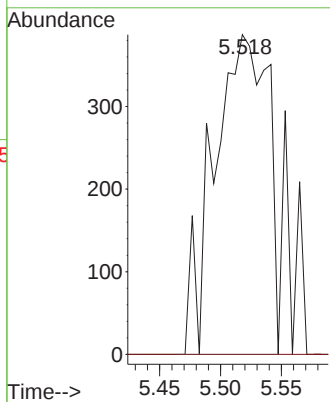
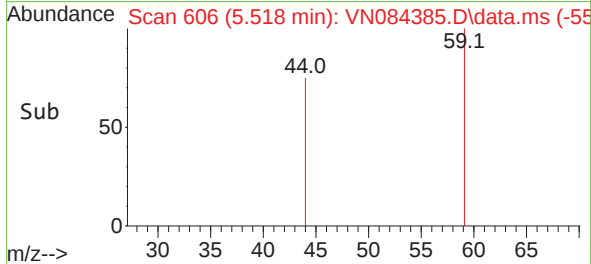
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



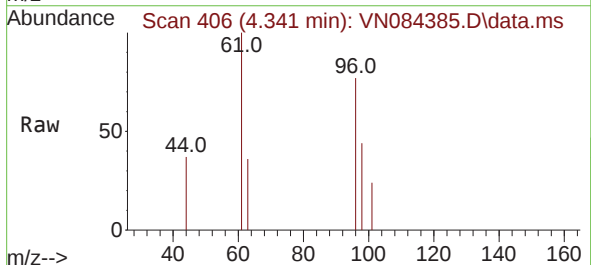
Tgt Ion: 59 Resp: 119
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2

Manual Integrations
APPROVED

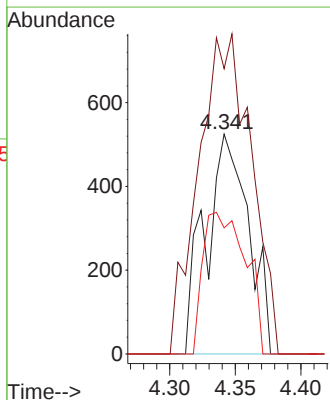
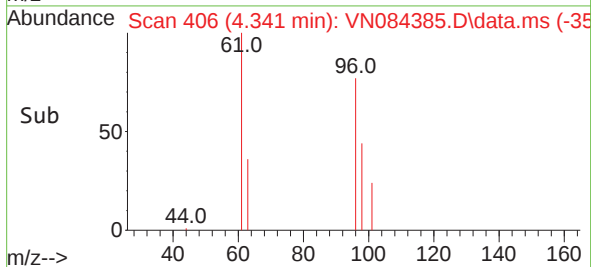
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

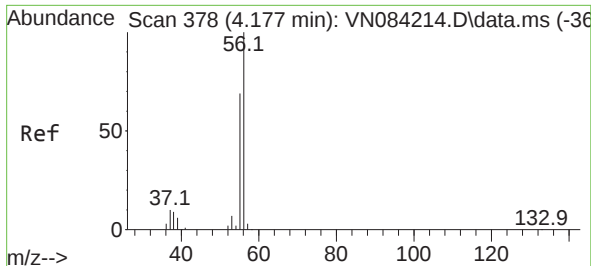


#12
1,1-Dichloroethene
Concen: 0.730 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45



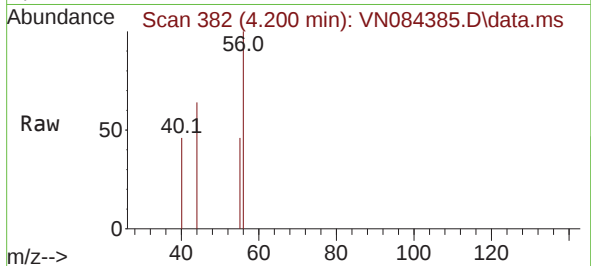
Tgt Ion: 96 Resp: 1196
Ion Ratio Lower Upper
96 100
61 129.7 128.6 192.8
98 57.3 51.7 77.5





#13
Acrolein
Concen: 2.073 ug/l
RT: 4.200 min Scan# 378
Delta R.T. 0.023 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

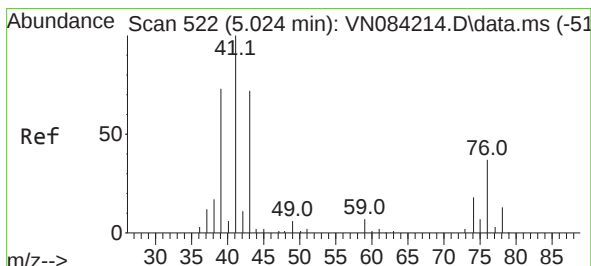
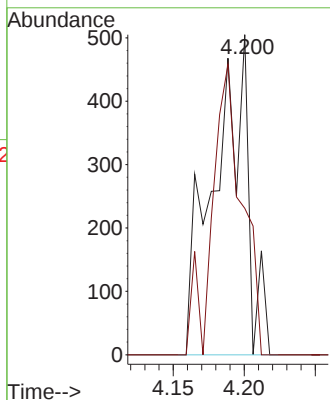
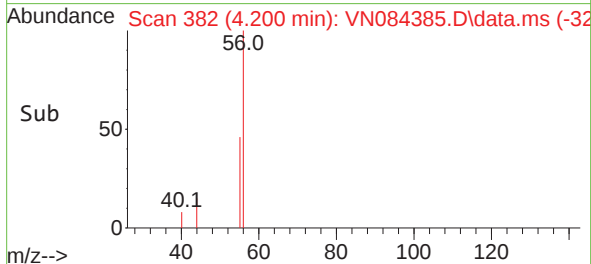
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



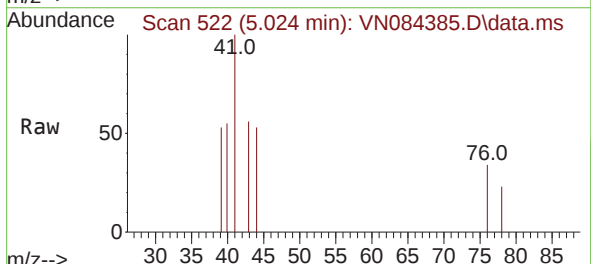
Tgt Ion: 56 Resp: 840
Ion Ratio Lower Upper
56 100
55 79.2 57.2 85.8

Manual Integrations
APPROVED

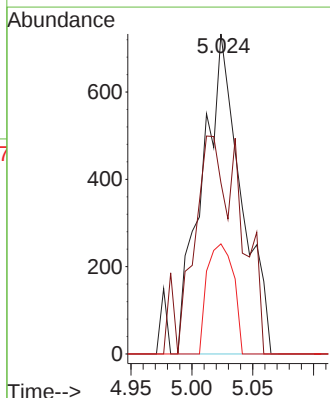
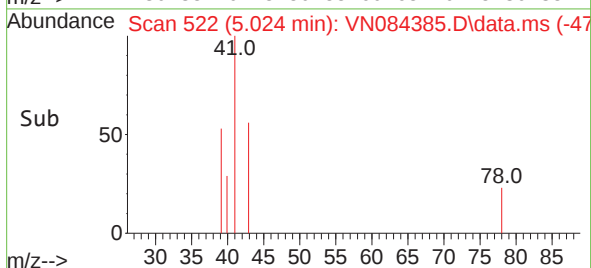
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

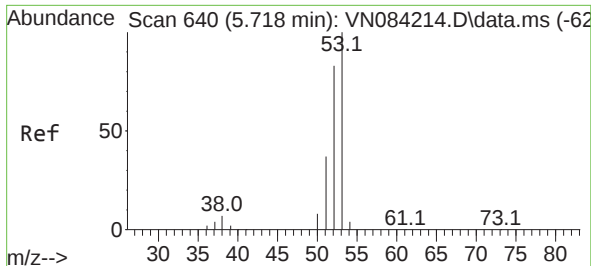


#14
Allyl chloride
Concen: 0.574 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45



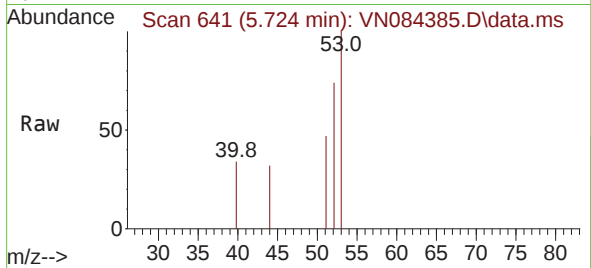
Tgt Ion: 41 Resp: 1631
Ion Ratio Lower Upper
41 100
39 83.4 59.0 88.6
76 23.3 29.8 44.6#





#15
Acrylonitrile
Concen: 3.181 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

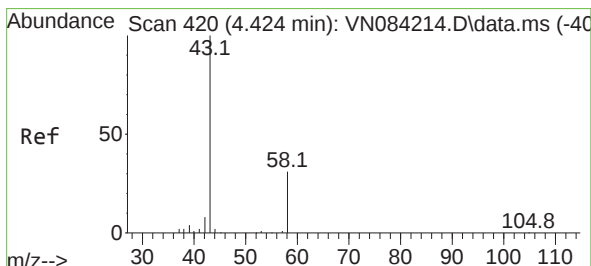
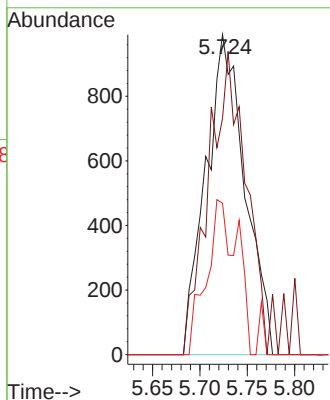
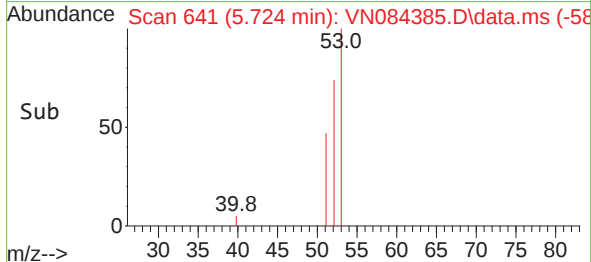
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



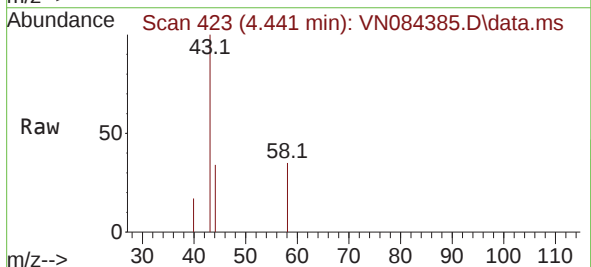
Tgt Ion: 53 Resp: 2850
Ion Ratio Lower Upper
53 100
52 90.2 66.2 99.4
51 38.1 28.8 43.2

Manual Integrations
APPROVED

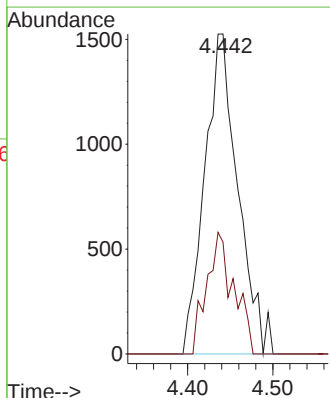
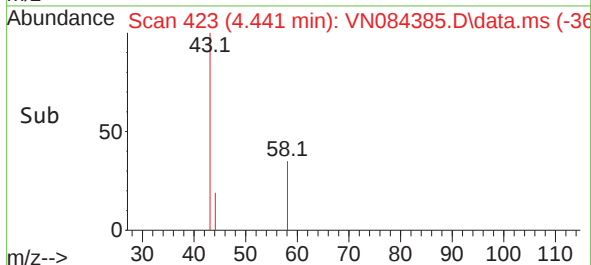
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

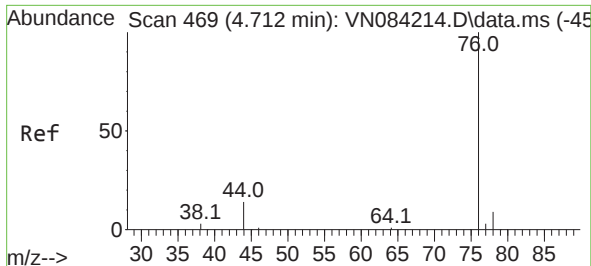


#16
Acetone
Concen: 4.475 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45



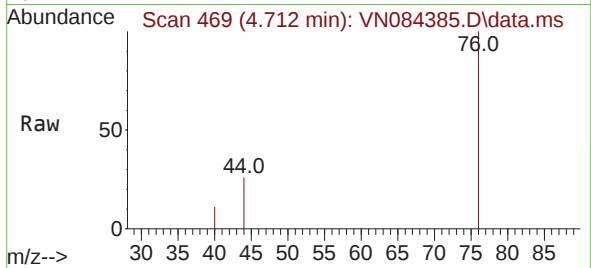
Tgt Ion: 43 Resp: 4145
Ion Ratio Lower Upper
43 100
58 34.9 24.4 36.6





#17
Carbon Disulfide
Concen: 0.761 ug/l
RT: 4.712 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

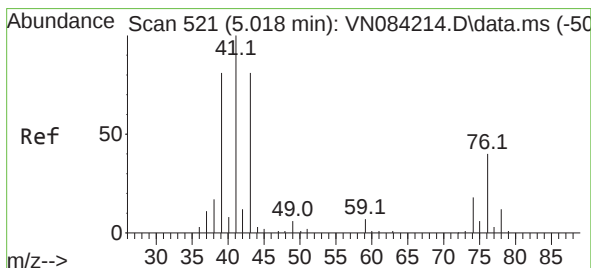
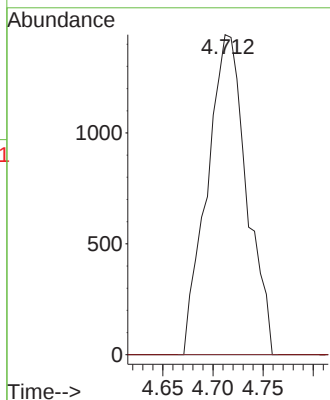
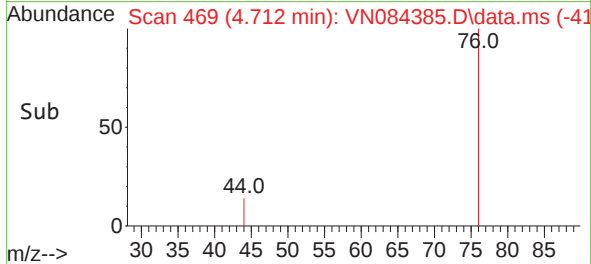
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 76 Resp: 3940
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9

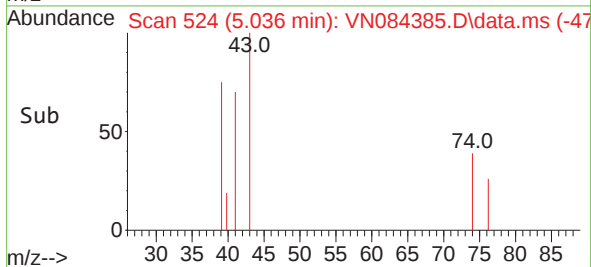
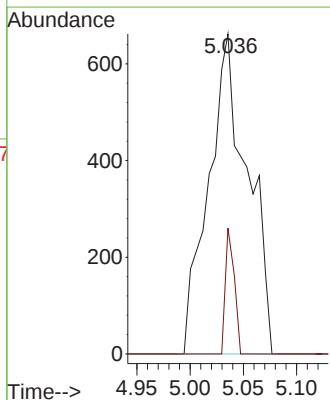
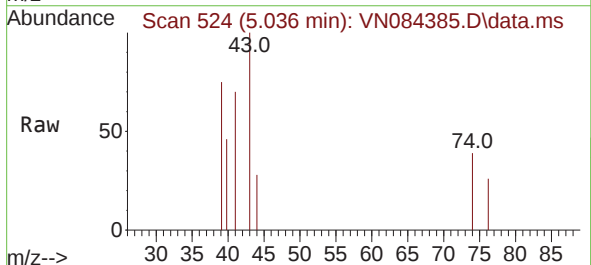
Manual Integrations
APPROVED

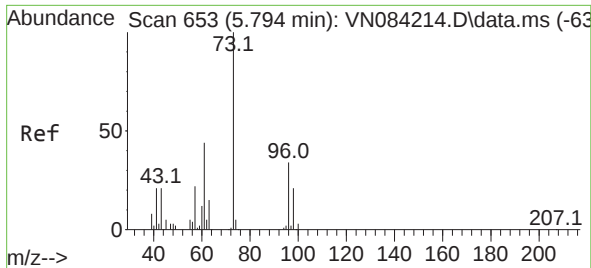
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#18
Methyl Acetate
Concen: 0.834 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

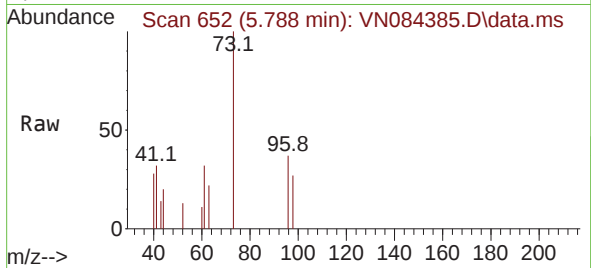
Tgt Ion: 43 Resp: 1684
Ion Ratio Lower Upper
43 100
74 8.8 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 0.686 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

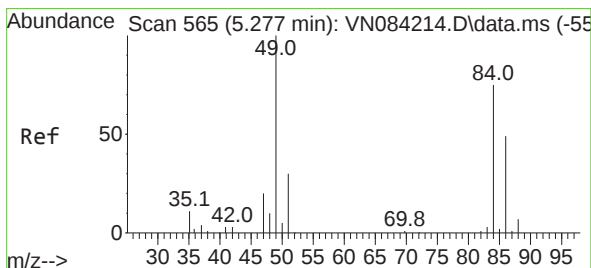
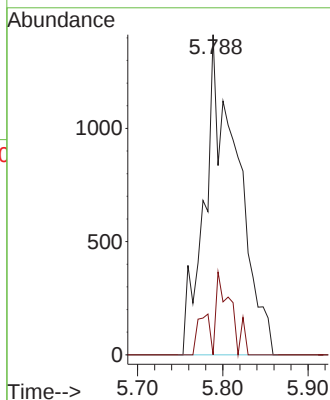
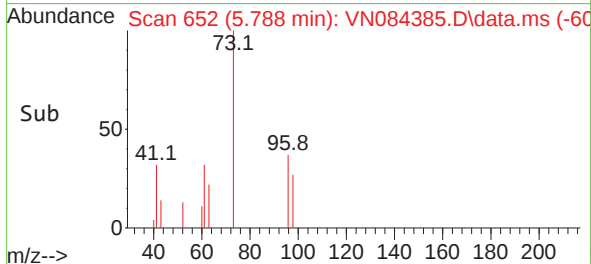
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 73 Resp: 3789
Ion Ratio Lower Upper
73 100
57 0.0 17.7 26.5

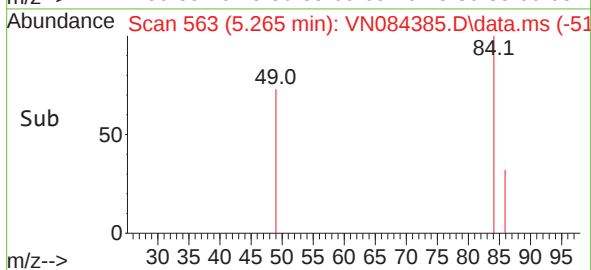
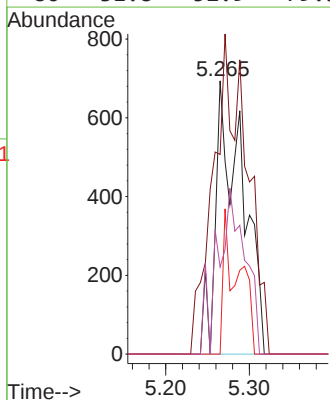
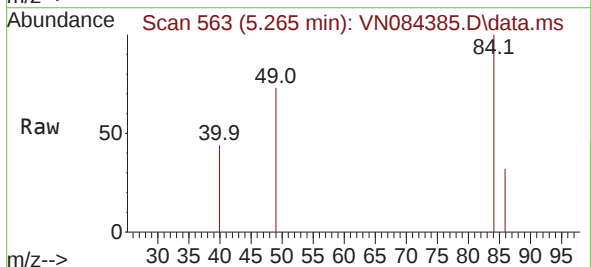
Manual Integrations
APPROVED

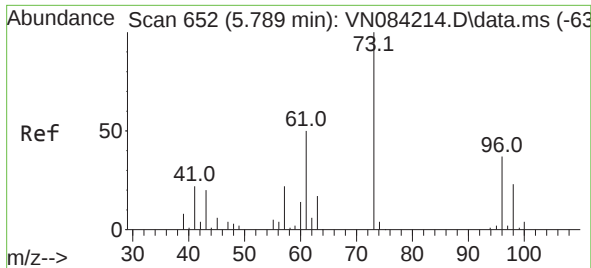
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#20
Methylene Chloride
Concen: 0.822 ug/l m
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

Tgt Ion: 84 Resp: 1547
Ion Ratio Lower Upper
84 100
49 73.1 107.2 160.8#
51 0.0 31.8 47.8#
86 31.8 52.9 79.3#





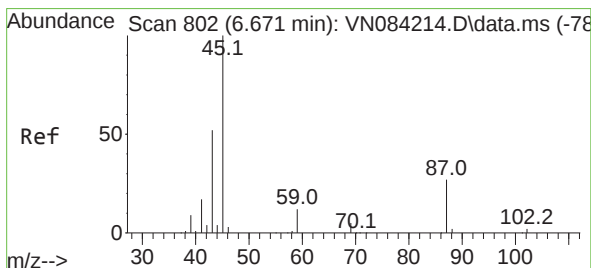
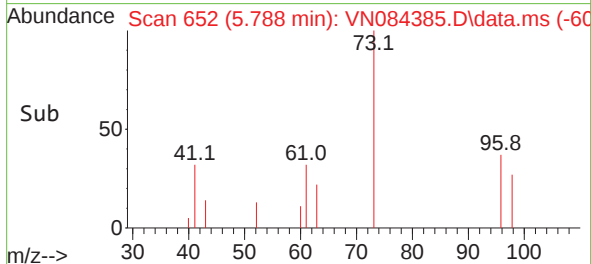
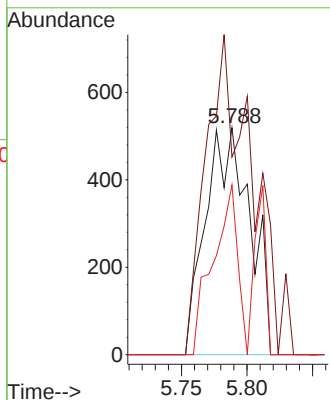
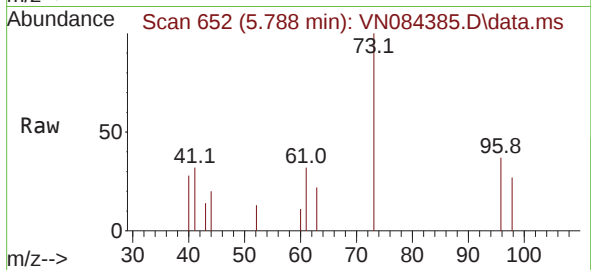
#21
trans-1,2-Dichloroethene
Concen: 0.708 ug/l
RT: 5.788 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 96 Resp: 1215
Ion Ratio Lower Upper
96 100
61 87.1 108.4 162.6
98 74.8 49.8 74.8

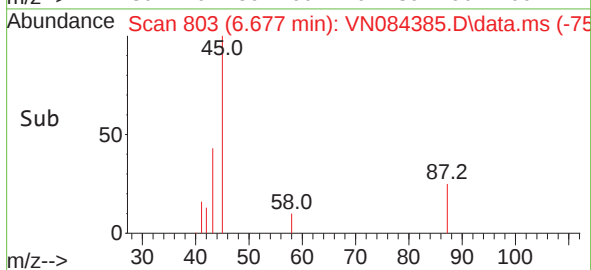
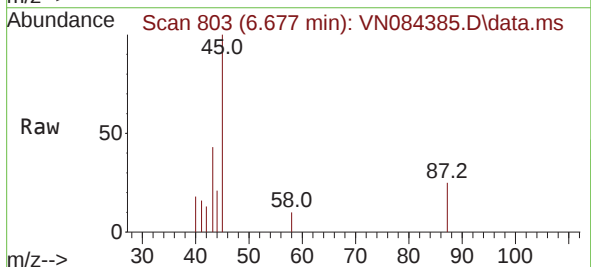
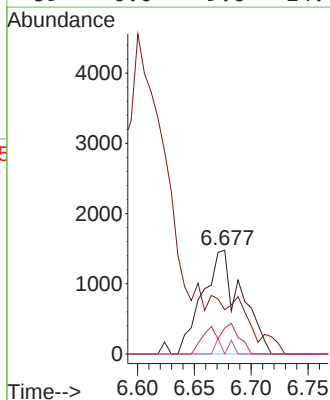
Manual Integrations
APPROVED

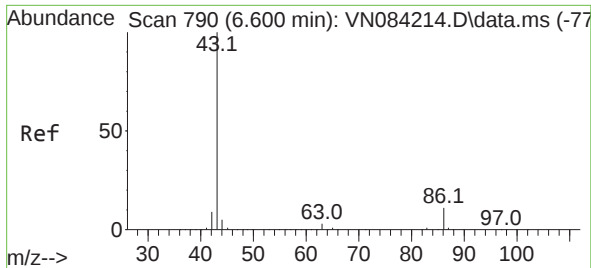
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#22
Diisopropyl ether
Concen: 0.595 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

Tgt Ion: 45 Resp: 3501
Ion Ratio Lower Upper
45 100
43 32.1 42.3 63.5#
87 25.2 21.8 32.6
59 0.0 9.6 14.4#





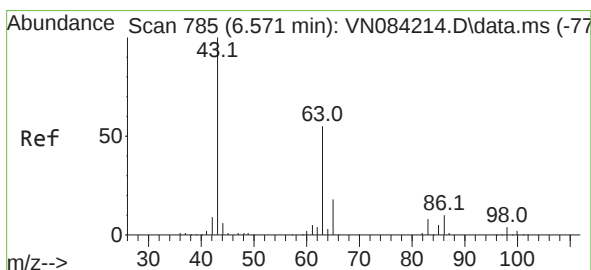
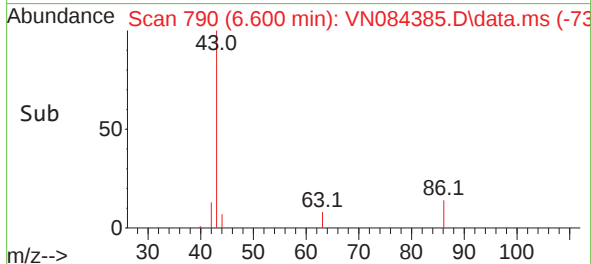
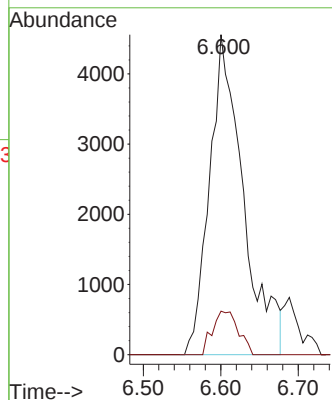
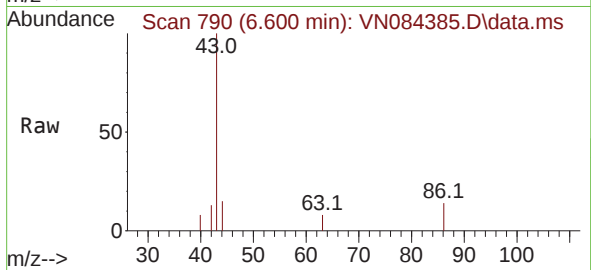
#23
 Vinyl Acetate
 Concen: 3.163 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN084385.D
 Acq: 10 Oct 2024 13:45

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 43 Resp: 13800
 Ion Ratio Lower Upper
 43 100
 86 13.6 8.6 12.8

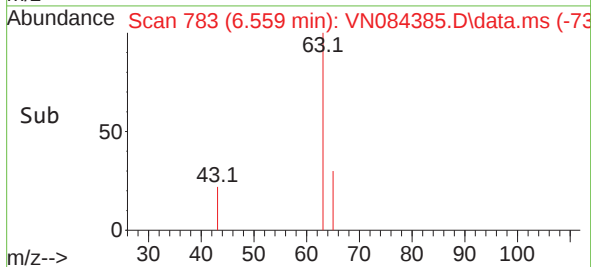
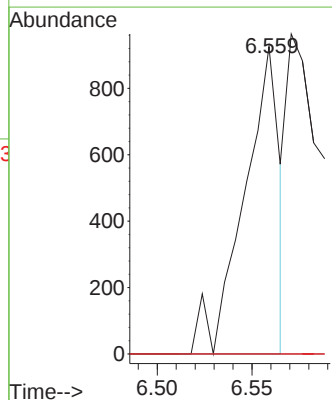
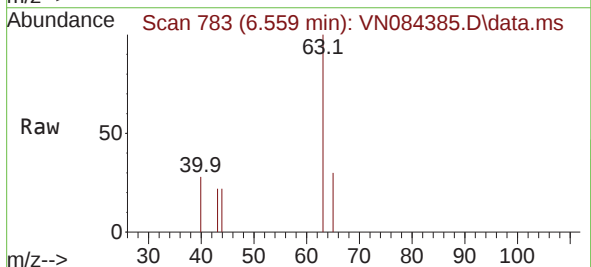
Manual Integrations
 APPROVED

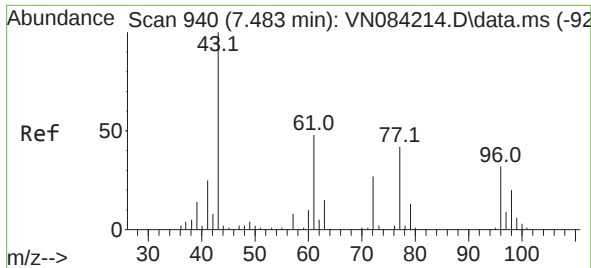
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#24
 1,1-Dichloroethane
 Concen: 0.368 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN084385.D
 Acq: 10 Oct 2024 13:45

Tgt Ion: 63 Resp: 1211
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 0.0 2.0 5.8#





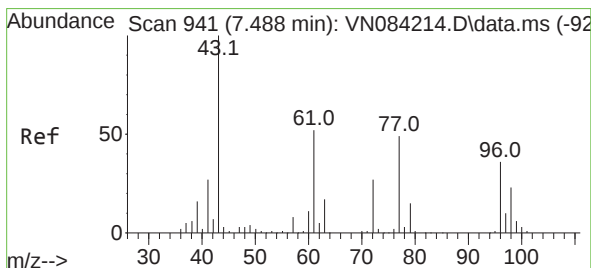
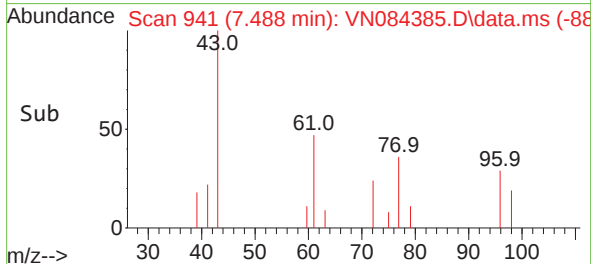
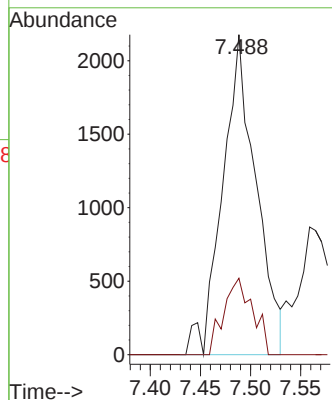
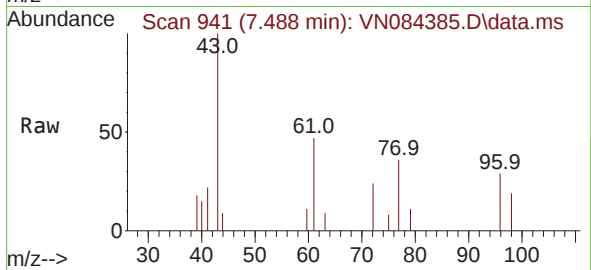
#25
2-Butanone
Concen: 4.010 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 43 Resp: 5059
Ion Ratio Lower Upper
43 100
72 23.9 21.4 32.2

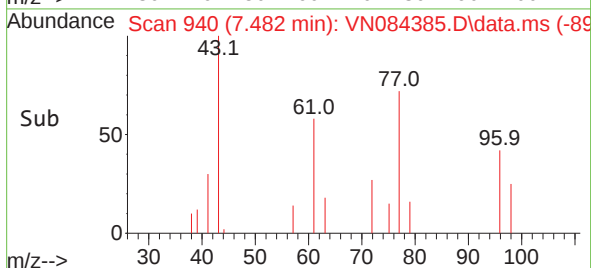
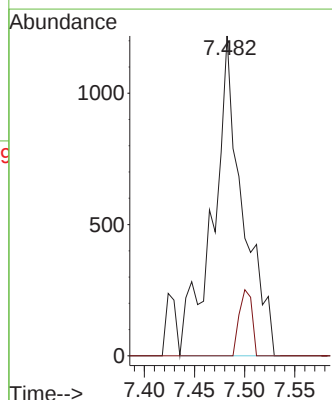
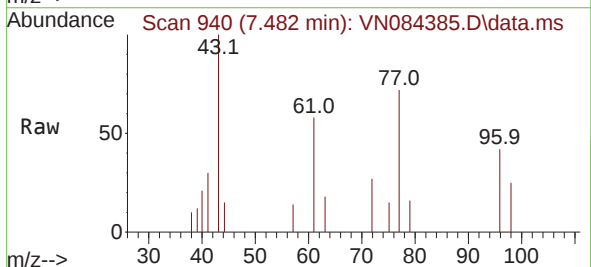
Manual Integrations
APPROVED

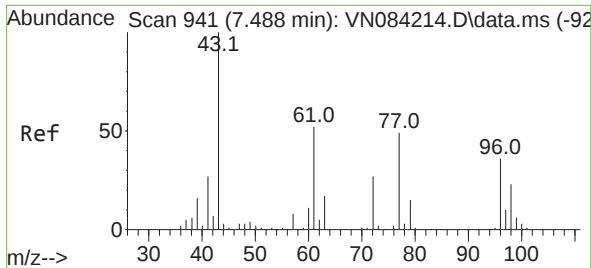
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#26
2,2-Dichloropropane
Concen: 0.843 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

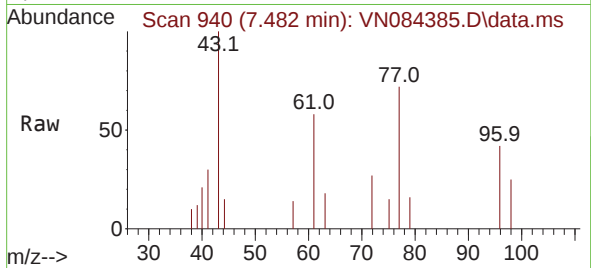
Tgt Ion: 77 Resp: 2501
Ion Ratio Lower Upper
77 100
97 8.9 10.8 32.3#





#27
 cis-1,2-Dichloroethene
 Concen: 0.701 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN084385.D
 Acq: 10 Oct 2024 13:45

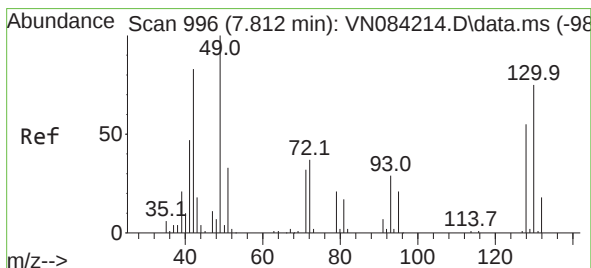
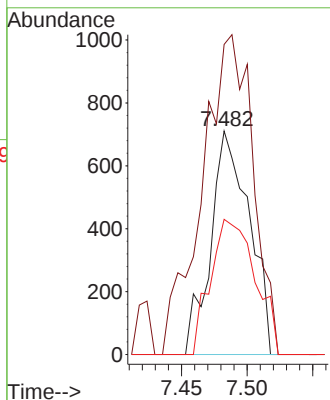
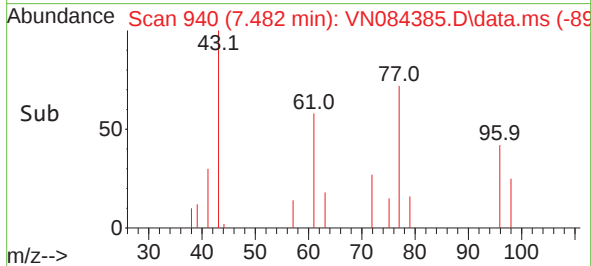
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 96 Resp: 1454
 Ion Ratio Lower Upper
 96 100
 61 189.3 0.0 301.8
 98 70.2 0.0 128.2

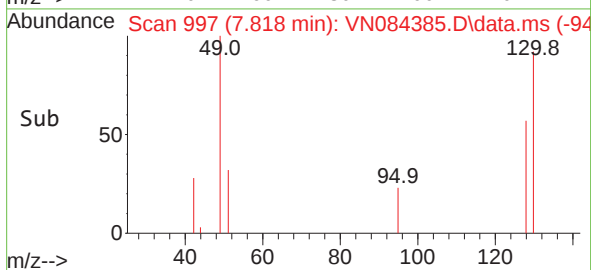
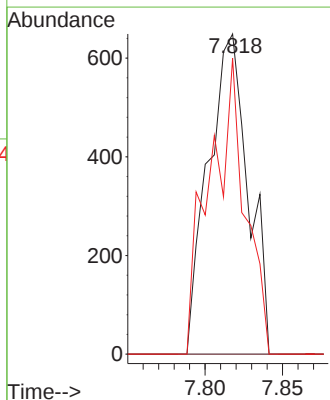
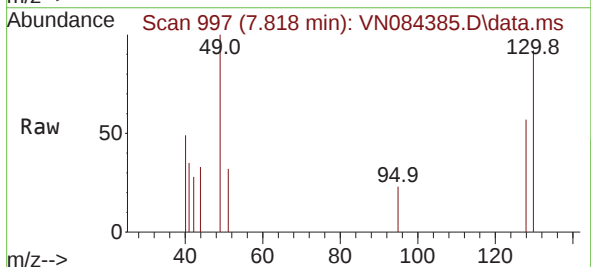
Manual Integrations
 APPROVED

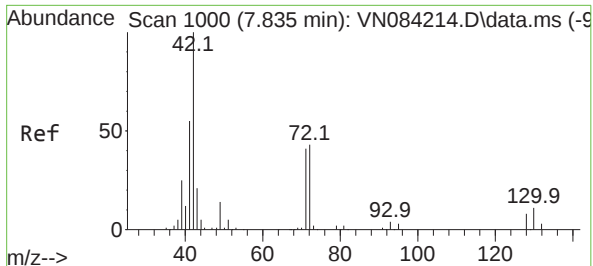
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#28
 Bromochloromethane
 Concen: 0.793 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN084385.D
 Acq: 10 Oct 2024 13:45

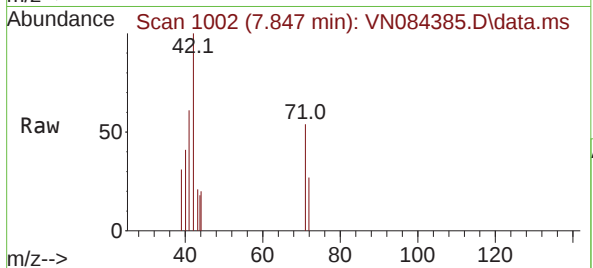
Tgt Ion: 49 Resp: 1164
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 82.0 58.0 87.0





#29
Tetrahydrofuran
Concen: 3.184 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

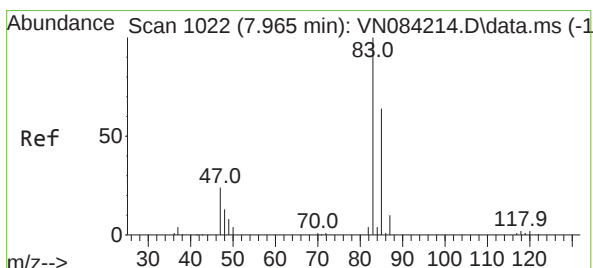
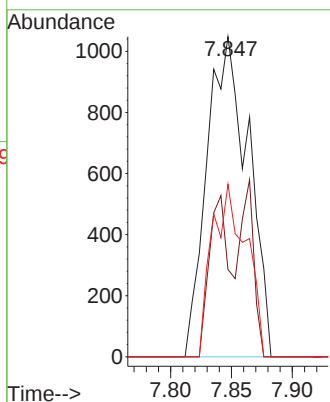
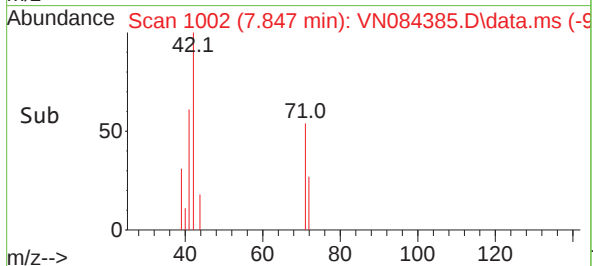
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 42 Resp: 2479
Ion Ratio Lower Upper
42 100
72 25.3 34.6 51.8
71 44.4 32.2 48.4

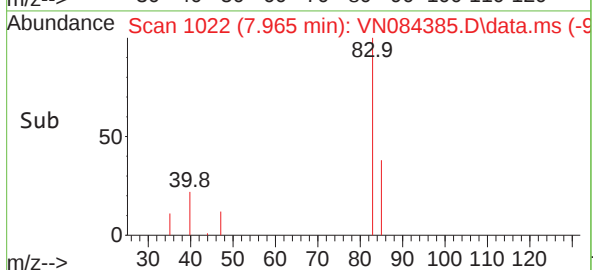
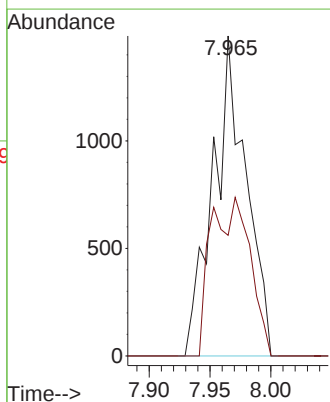
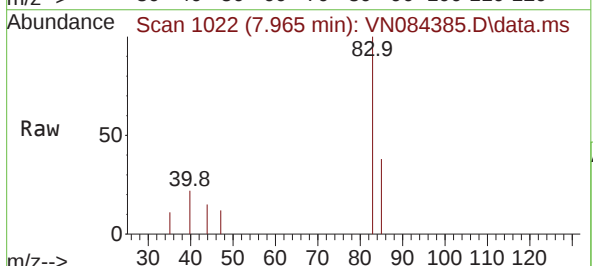
Manual Integrations
APPROVED

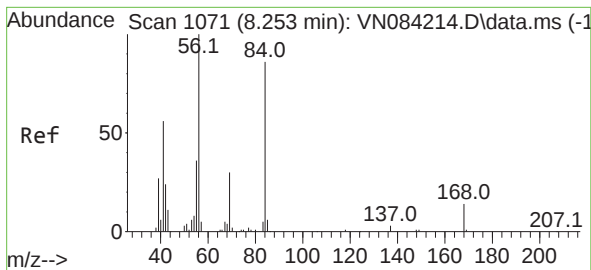
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#30
Chloroform
Concen: 0.823 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

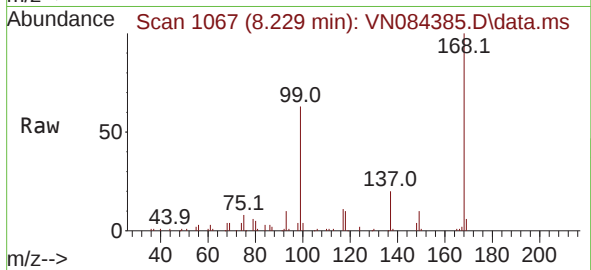
Tgt Ion: 83 Resp: 2812
Ion Ratio Lower Upper
83 100
85 37.7 51.0 76.4





#31
Cyclohexane
Concen: 1.798 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

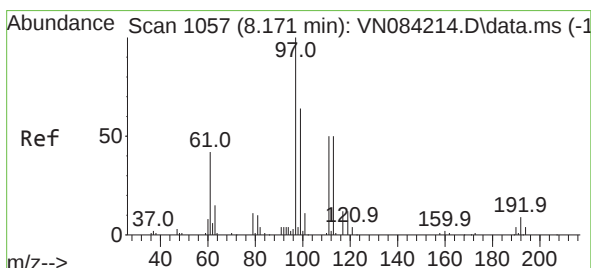
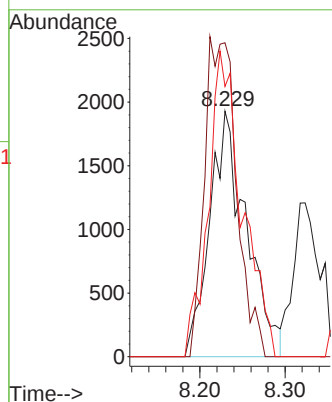
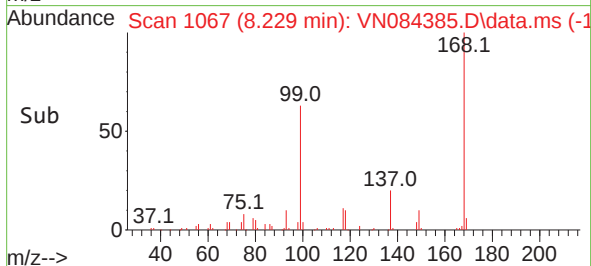
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



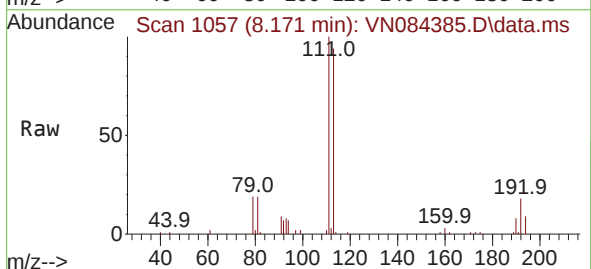
Tgt Ion: 56 Resp: 5744
Ion Ratio Lower Upper
56 100
69 127.9 23.8 35.6
84 110.1 68.8 103.2

Manual Integrations
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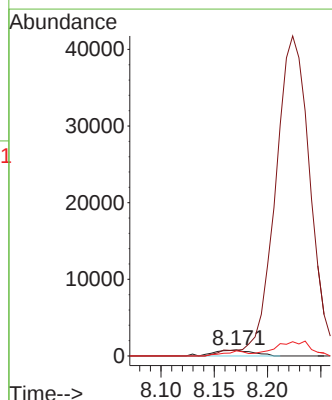
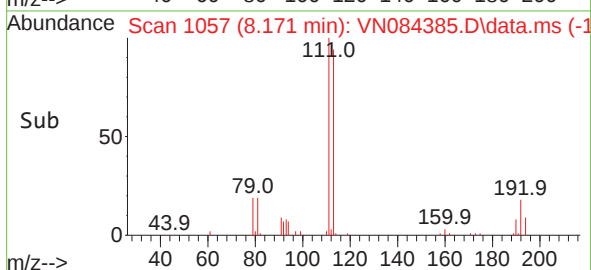
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

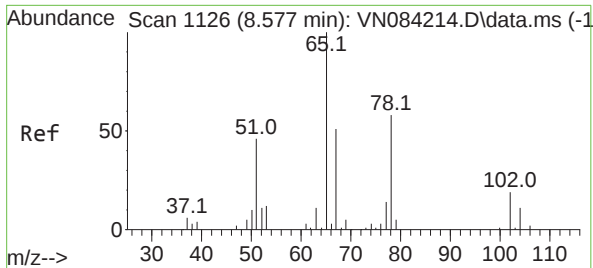


#32
1,1,1-Trichloroethane
Concen: 0.650 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45



Tgt Ion: 97 Resp: 1996
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8
61 46.7 37.5 56.3





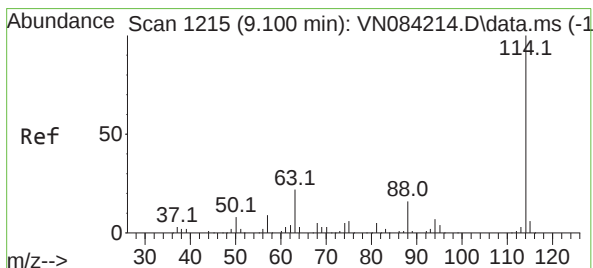
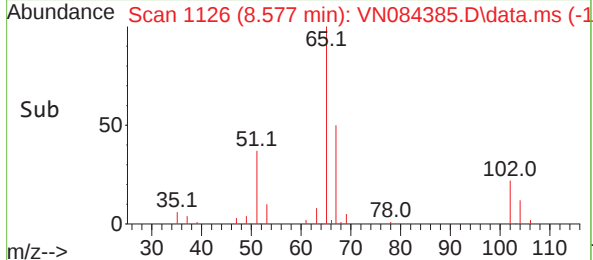
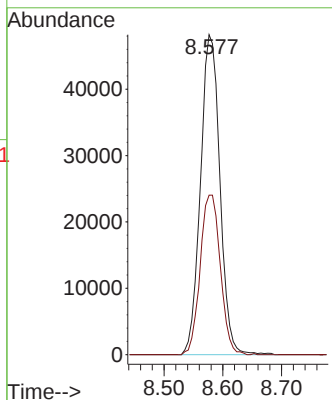
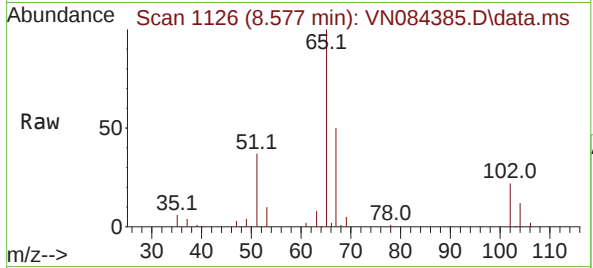
#33
 1,2-Dichloroethane-d4
 Concen: 51.284 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084385.D
 Acq: 10 Oct 2024 13:45

Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 65 Resp: 110578
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.0

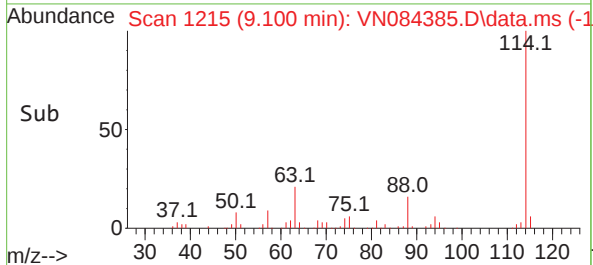
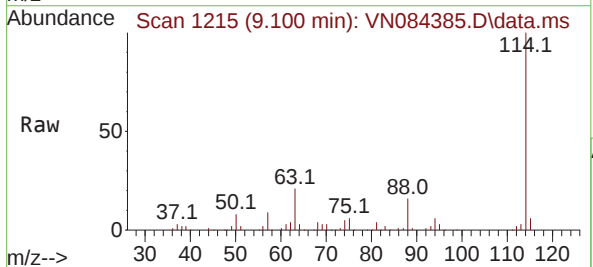
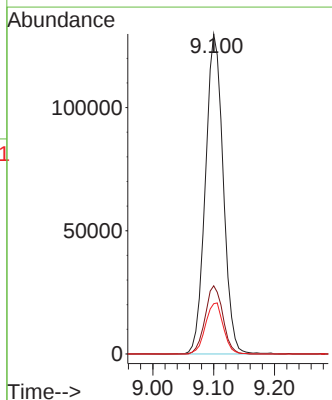
Manual Integrations
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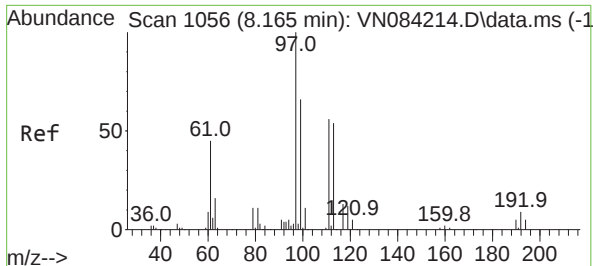
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084385.D
 Acq: 10 Oct 2024 13:45

Tgt Ion:114 Resp: 263479
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.8
 88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.359 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084385.D

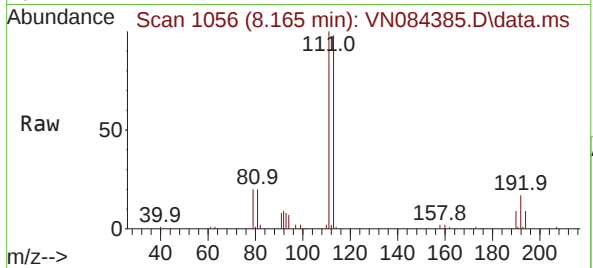
Acq: 10 Oct 2024 13:45

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



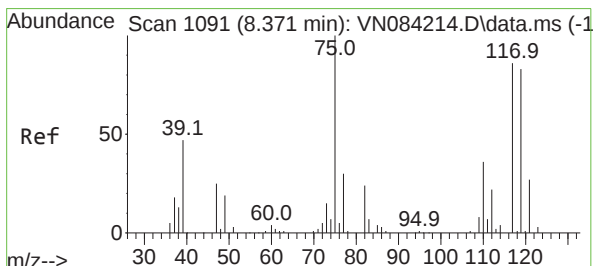
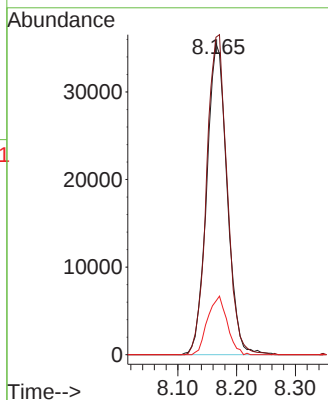
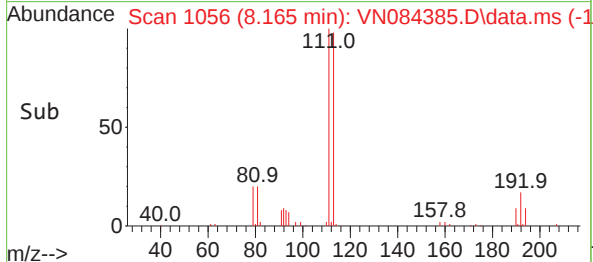
Tgt Ion:	113	Resp:	8573
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.3	124.9
192	18.0	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#36

1,1-Dichloropropene

Concen: 0.363 ug/l

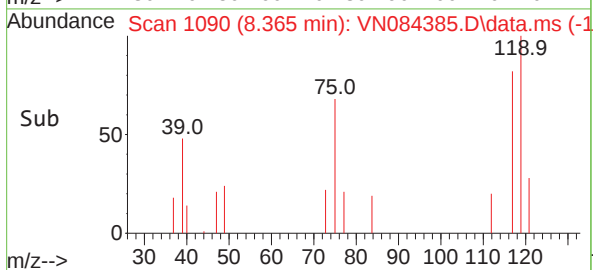
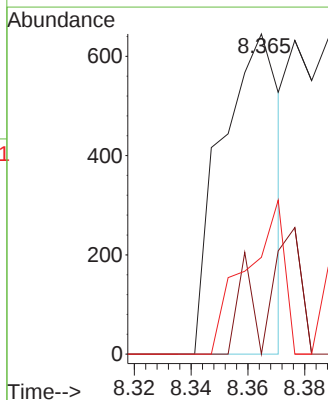
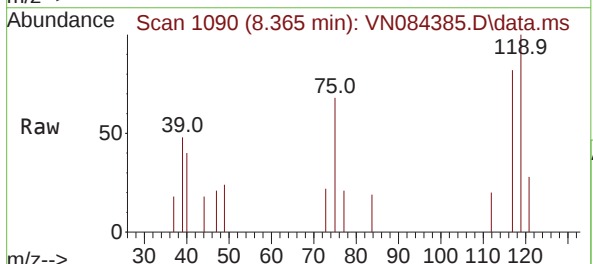
RT: 8.365 min Scan# 1090

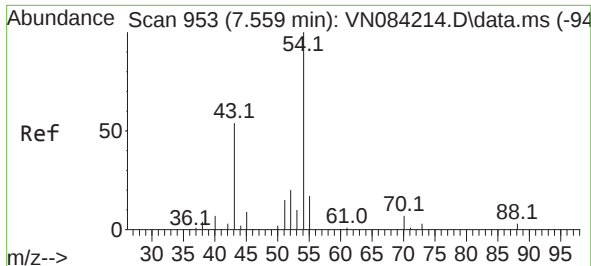
Delta R.T. -0.006 min

Lab File: VN084385.D

Acq: 10 Oct 2024 13:45

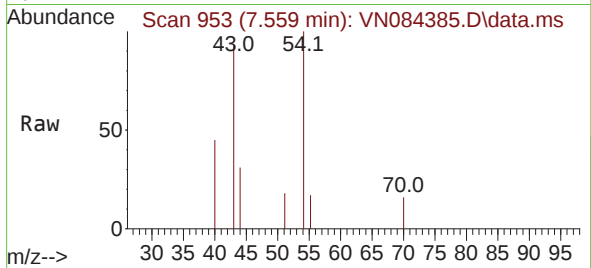
Tgt Ion:	75	Resp:	917
Ion	Ratio	Lower	Upper
75	100		
110	25.7	16.9	50.7
77	31.8	24.7	37.1





#37
Ethyl Acetate
Concen: 0.655 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

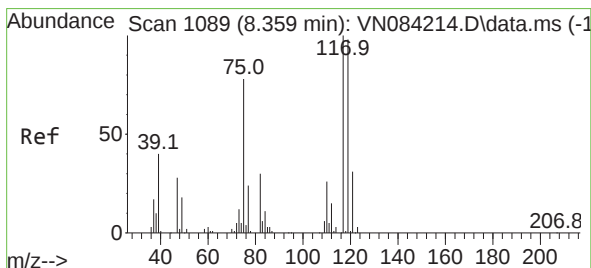
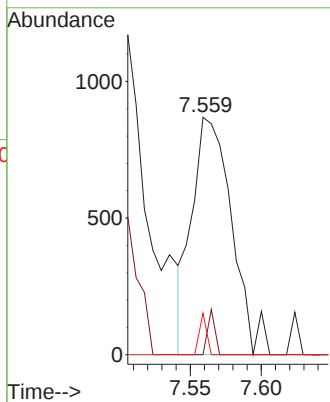
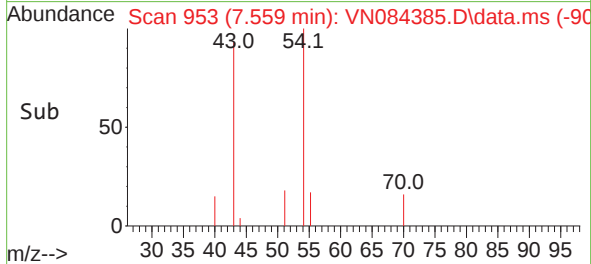
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 43 Resp: 169
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1
70 3.2 8.8 13.2

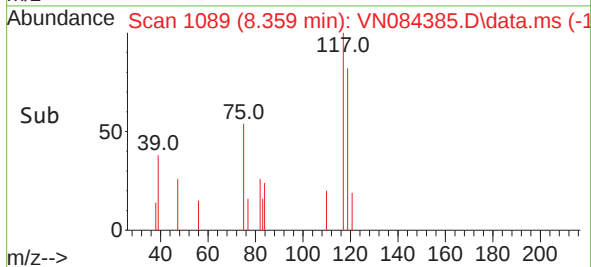
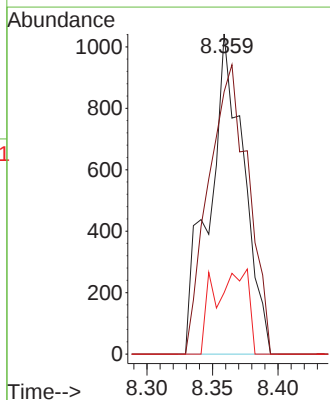
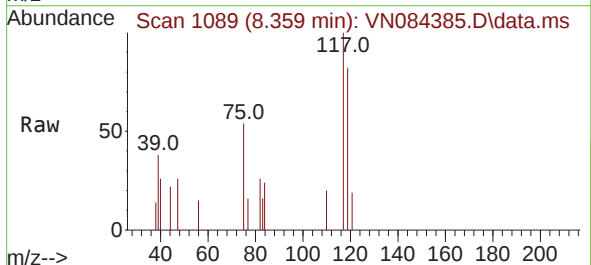
Manual Integrations
APPROVED

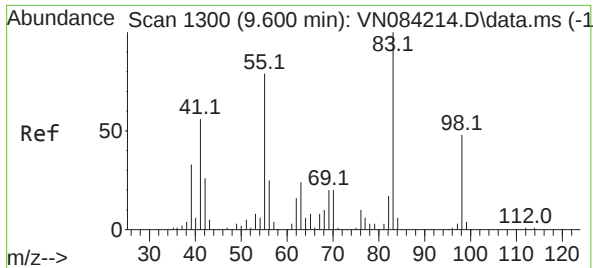
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#38
Carbon Tetrachloride
Concen: 0.688 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

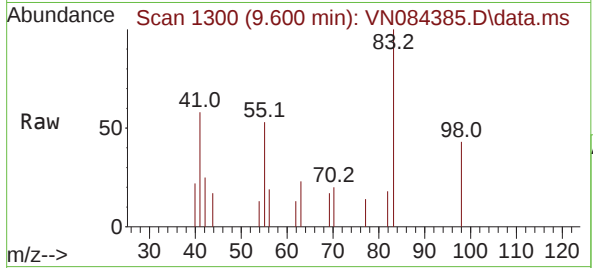
Tgt Ion:117 Resp: 1905
Ion Ratio Lower Upper
117 100
119 82.0 78.7 118.1
121 19.2 24.4 36.6





#39
Methylcyclohexane
Concen: 0.636 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

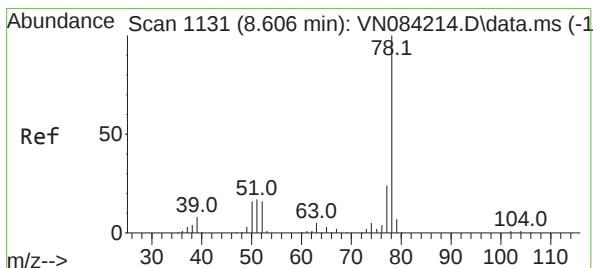
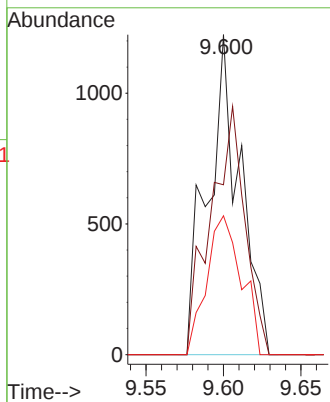
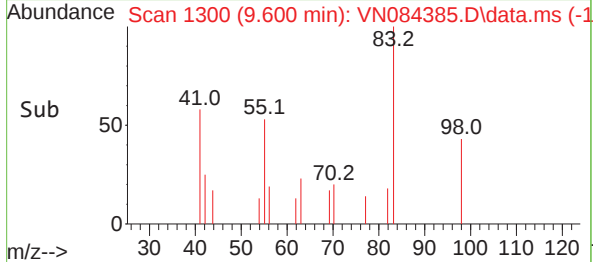
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 83 Resp: 178
Ion Ratio Lower Upper
83 100
55 53.1 62.8 94.2
98 43.4 38.8 58.2

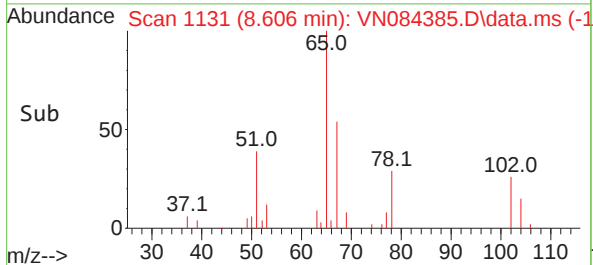
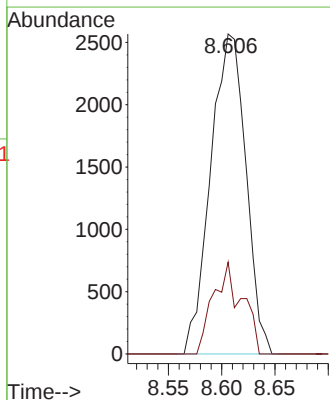
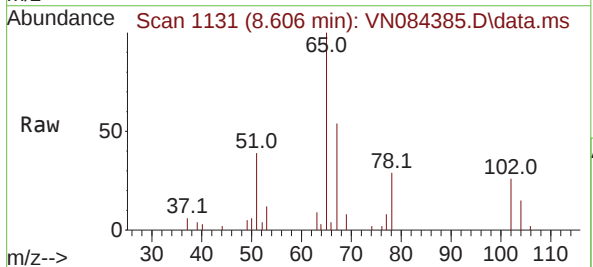
Manual Integrations
APPROVED

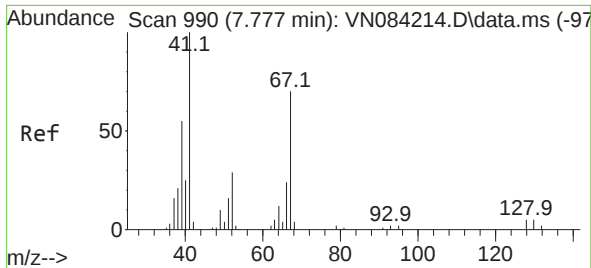
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#40
Benzene
Concen: 0.752 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

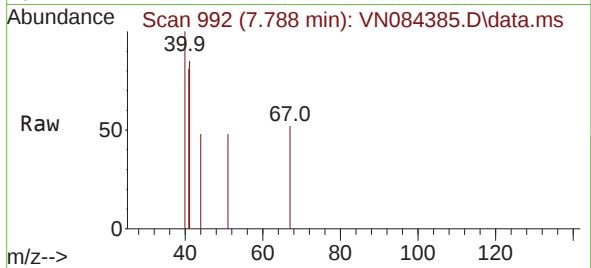
Tgt Ion: 78 Resp: 5910
Ion Ratio Lower Upper
78 100
77 28.7 19.1 28.7#





#41
Methacrylonitrile
Concen: 0.644 ug/l
RT: 7.788 min Scan# 990
Delta R.T. 0.012 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

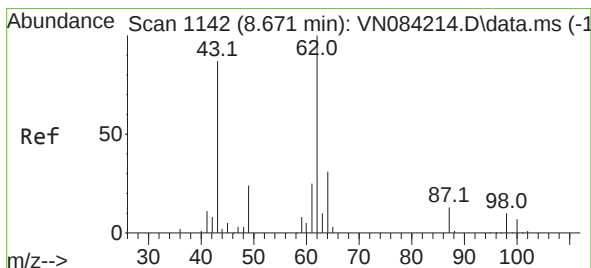
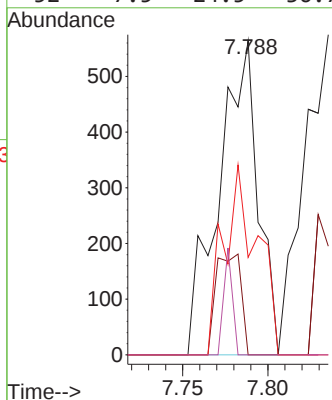
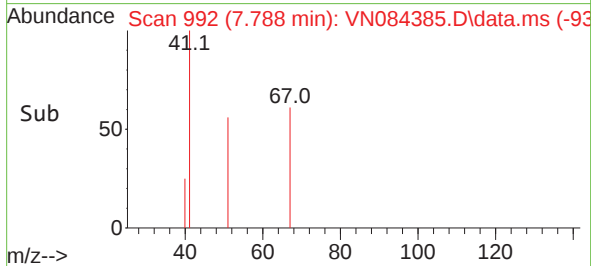
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 41	Resp: 90
Ion Ratio	Lower Upper
41 100	
39 20.4	43.3 64.9
67 51.7	56.1 84.1
52 7.5	24.5 36.7

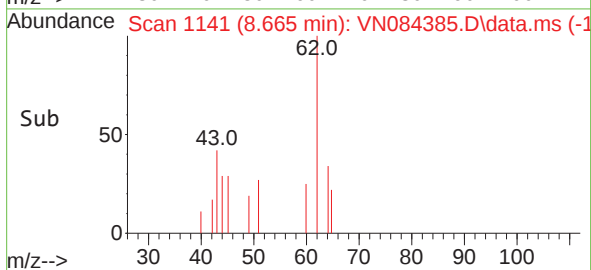
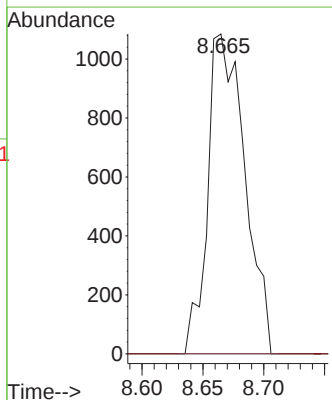
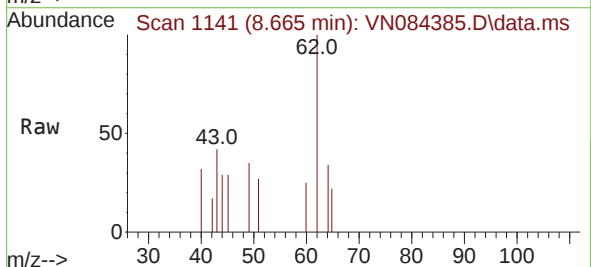
Manual Integrations
APPROVED

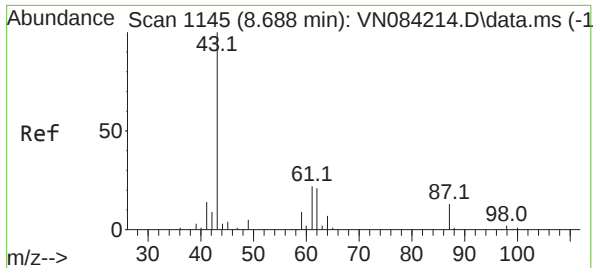
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#42
1,2-Dichloroethane
Concen: 0.864 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

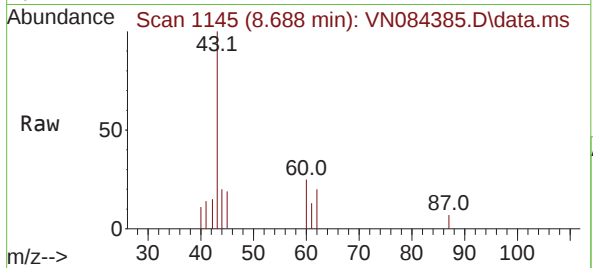
Tgt Ion: 62	Resp: 2302
Ion Ratio	Lower Upper
62 100	
98 0.0	0.0 18.2





#43
Isopropyl Acetate
Concen: 1.028 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

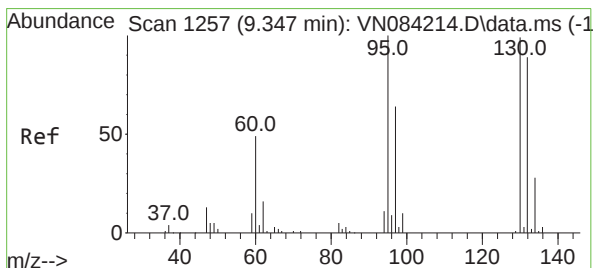
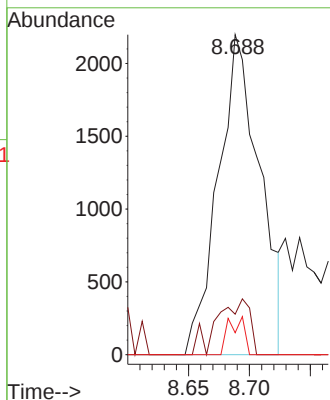
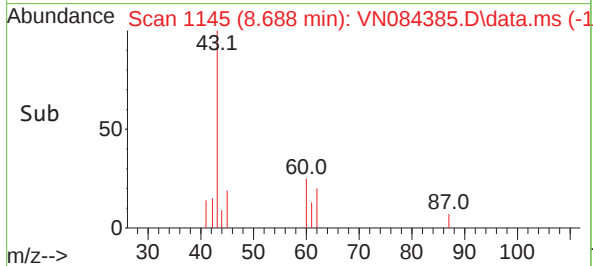
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



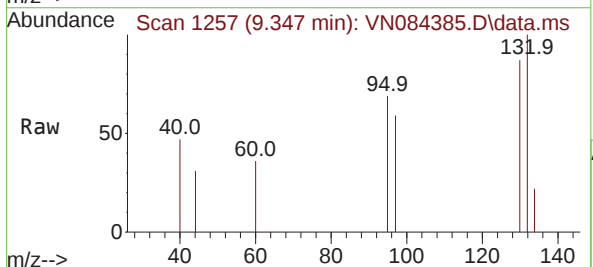
Tgt Ion: 43 Resp: 521
Ion Ratio Lower Upper
43 100
61 13.8 20.4 30.6
87 4.5 10.3 15.5

Manual Integrations
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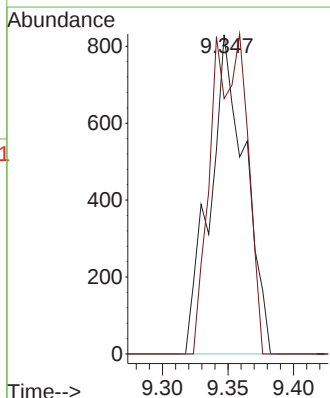
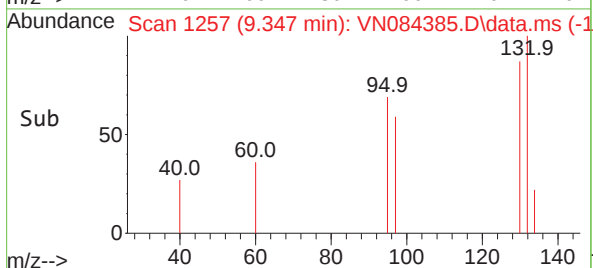
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

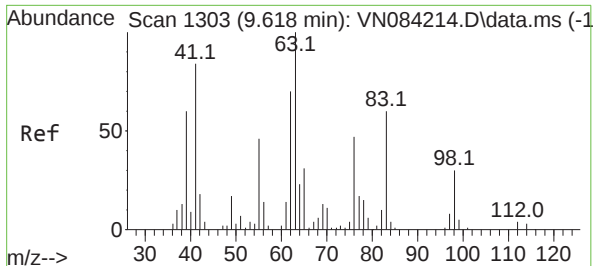


#44
Trichloroethene
Concen: 0.845 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45



Tgt Ion:130 Resp: 1551
Ion Ratio Lower Upper
130 100
95 80.0 0.0 203.0





#45

1,2-Dichloropropane

Concen: 0.739 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.012 min

Lab File: VN084385.D

Acq: 10 Oct 2024 13:45

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 63 Resp: 1374

Ion Ratio Lower Upper

63 100

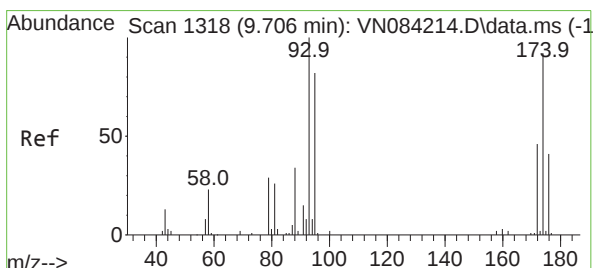
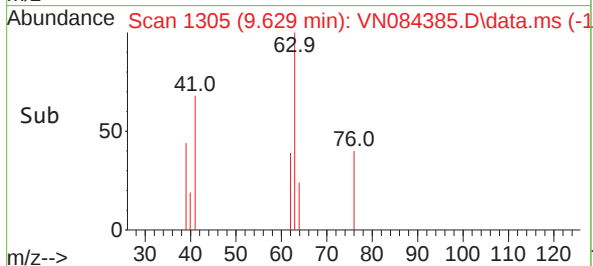
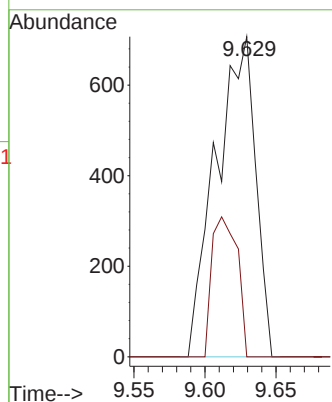
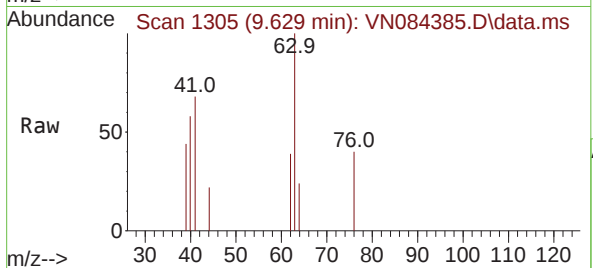
65 0.0 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#46

Dibromomethane

Concen: 0.776 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN084385.D

Acq: 10 Oct 2024 13:45

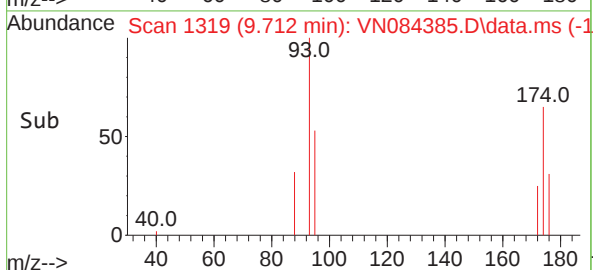
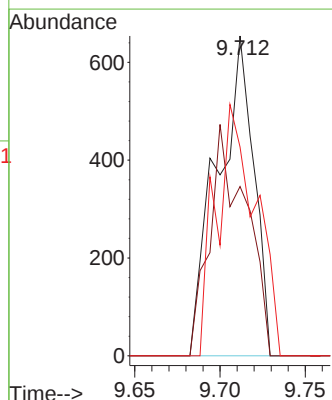
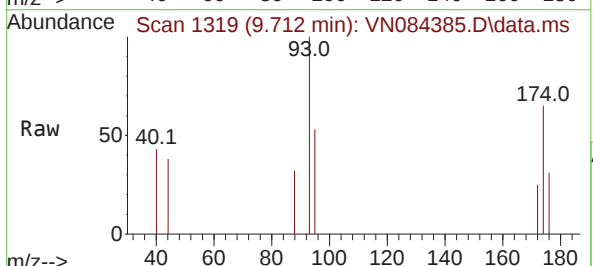
Tgt Ion: 93 Resp: 974

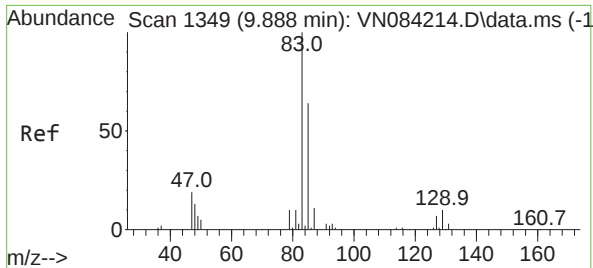
Ion Ratio Lower Upper

93 100

95 72.4 65.0 97.4

174 85.2 71.8 107.8





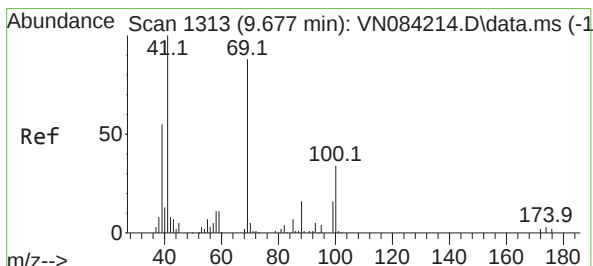
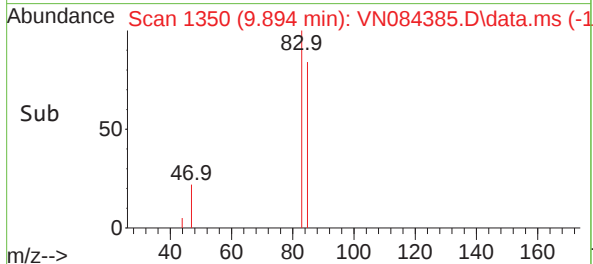
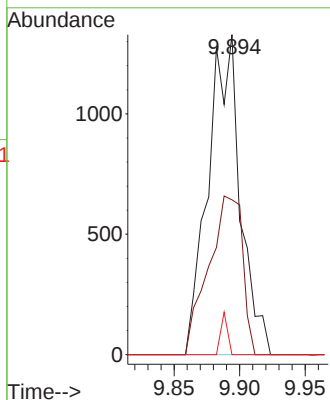
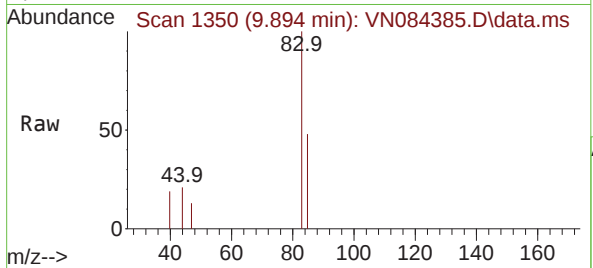
#47
Bromodichloromethane
Concen: 0.812 ug/l
RT: 9.894 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 83 Resp: 226
Ion Ratio Lower Upper
83 100
85 48.4 51.5 77.3
127 0.0 5.7 8.5

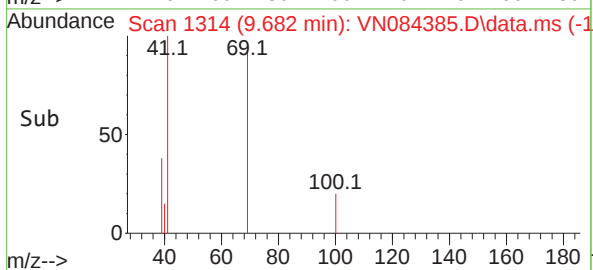
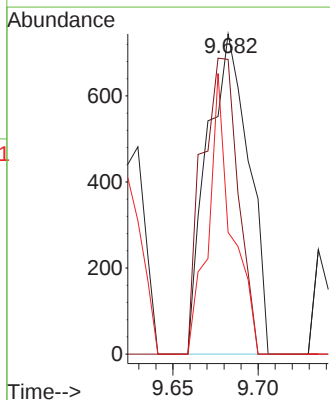
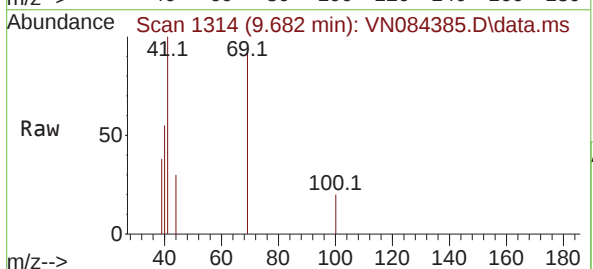
Manual Integrations
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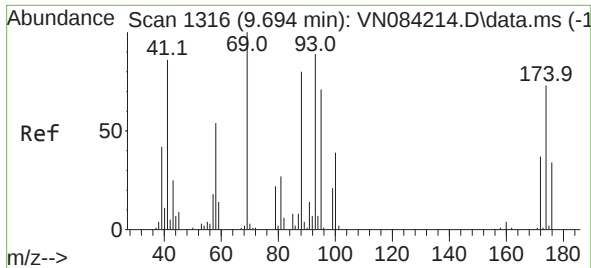
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#48
Methyl methacrylate
Concen: 0.627 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

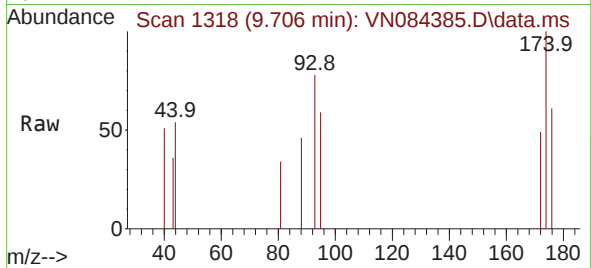
Tgt Ion: 41 Resp: 1265
Ion Ratio Lower Upper
41 100
69 80.1 67.1 100.7
39 49.4 45.8 68.6





#49
1,4-Dioxane
Concen: 9.393 ug/l
RT: 9.706 min Scan# 1316
Delta R.T. 0.012 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

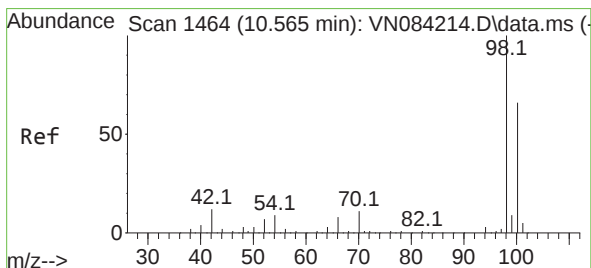
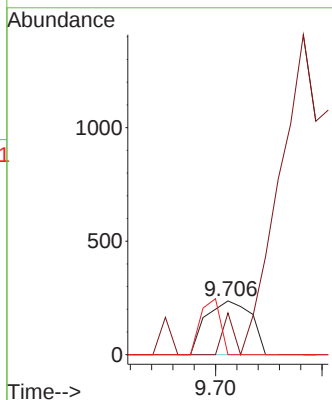
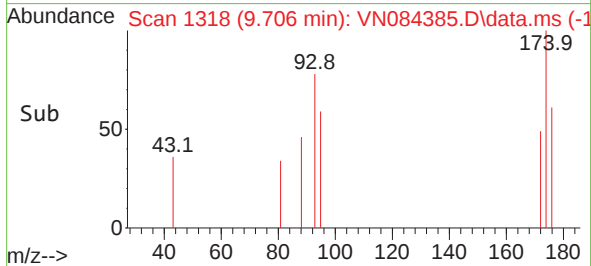
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 88 Resp: 349
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9
58 45.6 56.4 84.6

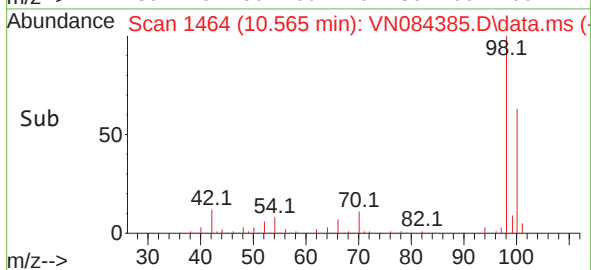
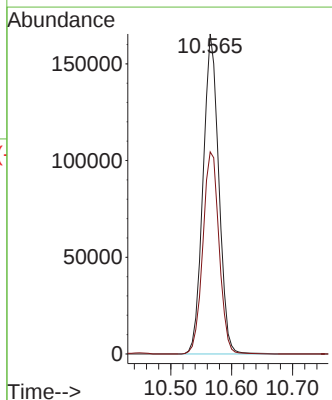
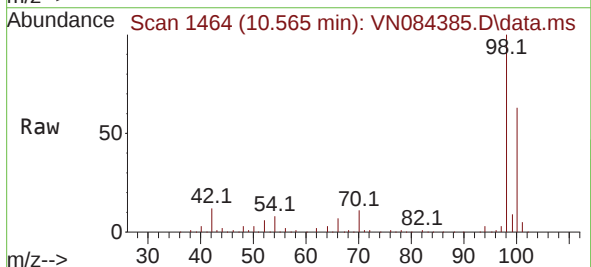
Manual Integrations
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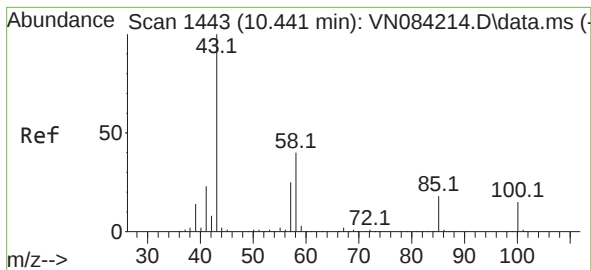
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#50
Toluene-d8
Concen: 46.446 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

Tgt Ion: 98 Resp: 296820
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1





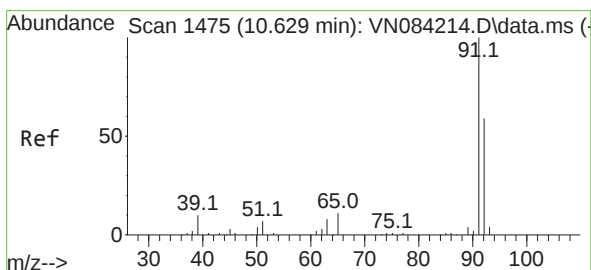
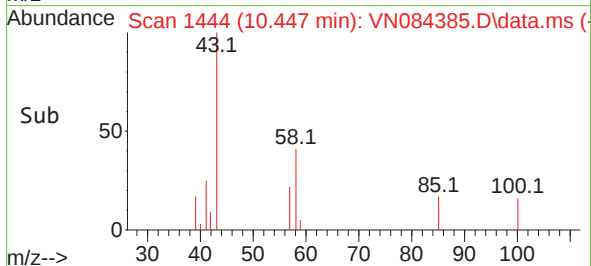
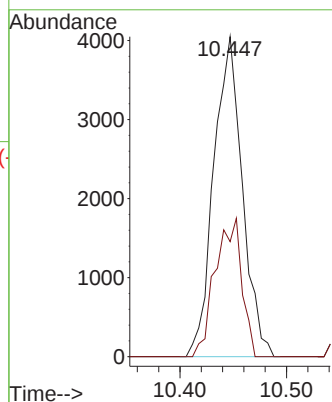
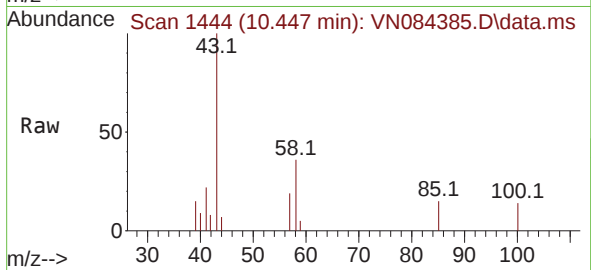
#51
4-Methyl-2-Pentanone
Concen: 3.066 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 43 Resp: 7554
Ion Ratio Lower Upper
43 100
58 40.1 31.6 47.4

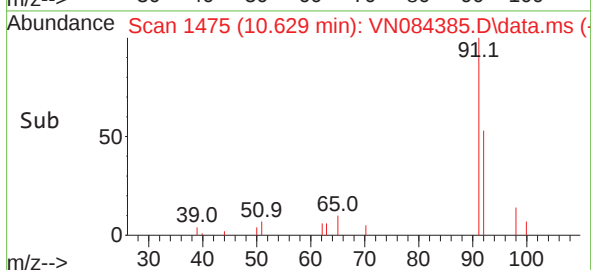
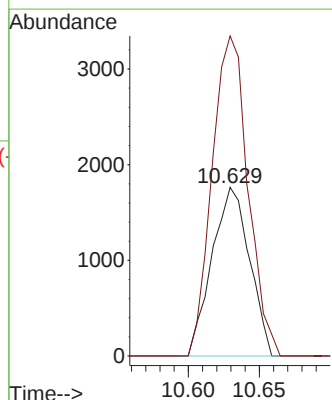
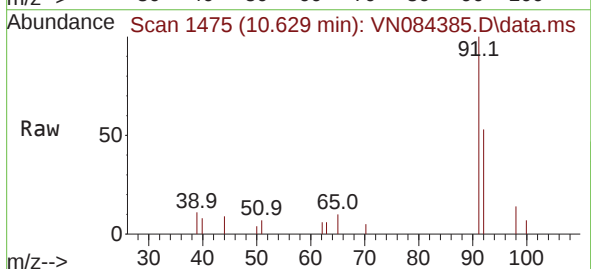
Manual Integrations
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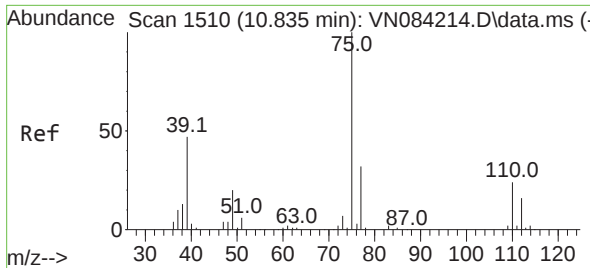
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#52
Toluene
Concen: 0.676 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

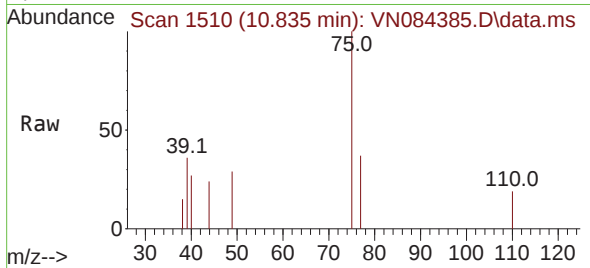
Tgt Ion: 92 Resp: 3239
Ion Ratio Lower Upper
92 100
91 181.7 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 0.690 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

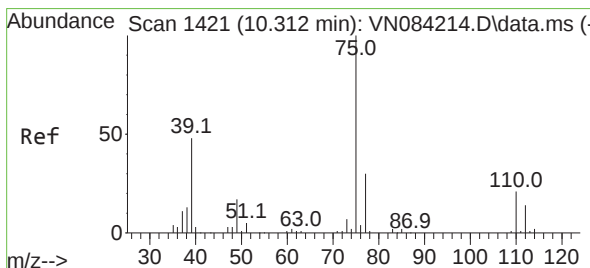
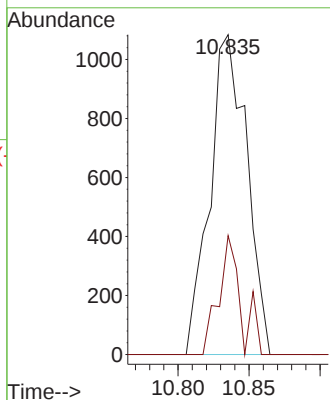
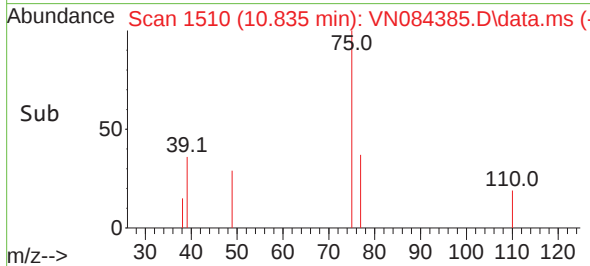
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 75 Resp: 196
Ion Ratio Lower Upper
75 100
77 37.2 25.4 38.0

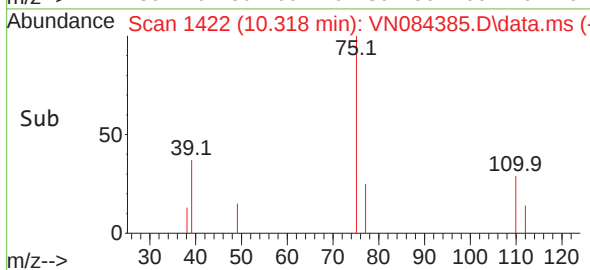
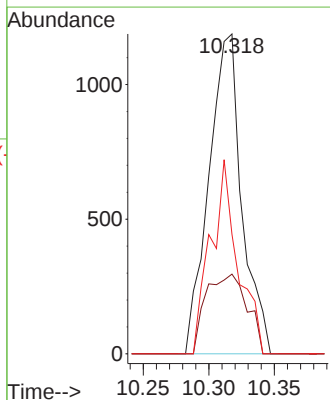
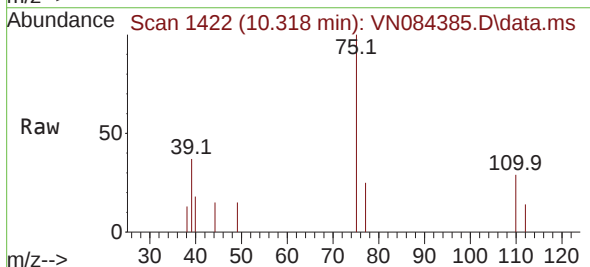
Manual Integrations
APPROVED

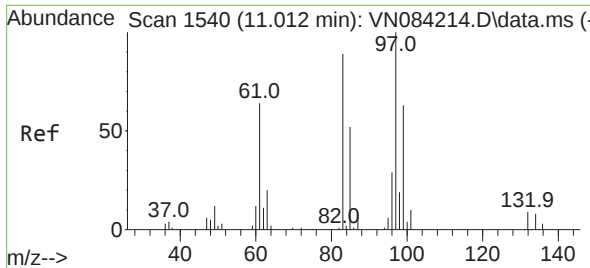
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#54
cis-1,3-Dichloropropene
Concen: 0.679 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

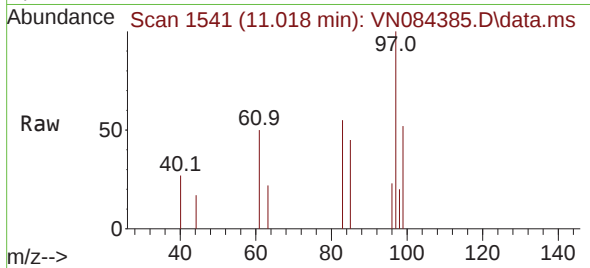
Tgt Ion: 75 Resp: 2077
Ion Ratio Lower Upper
75 100
77 24.9 24.2 36.2
39 37.4 38.7 58.1#





#55
1,1,2-Trichloroethane
Concen: 0.836 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

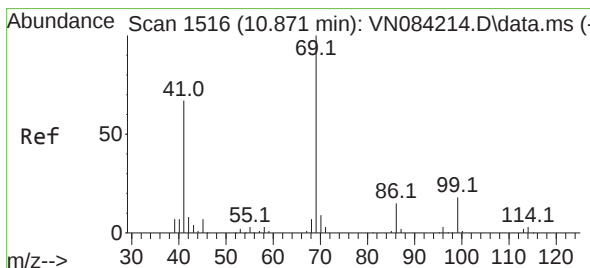
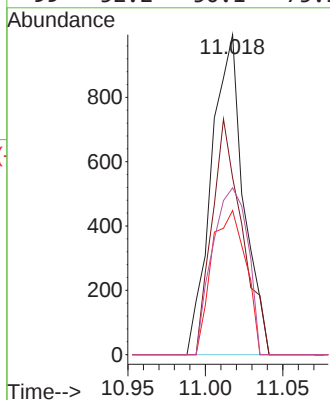
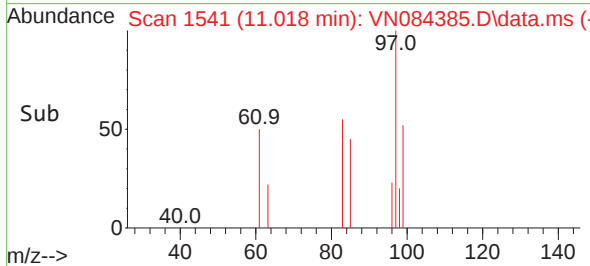
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



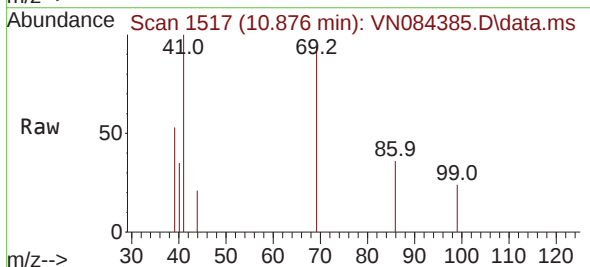
Tgt Ion: 97 Resp: 1436
Ion Ratio Lower Upper
97 100
83 55.3 71.0 106.4#
85 45.0 41.7 62.5#
99 52.2 50.1 75.1#

Manual Integrations
APPROVED

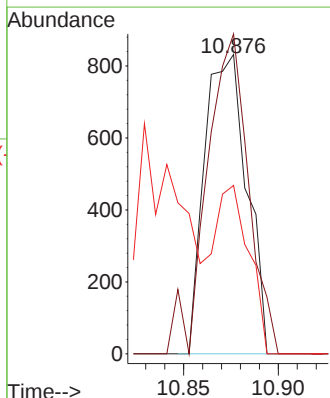
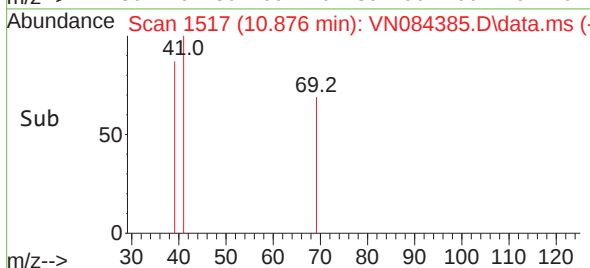
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

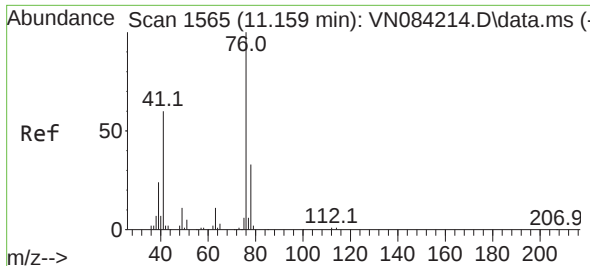


#56
Ethyl methacrylate
Concen: 0.455 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45



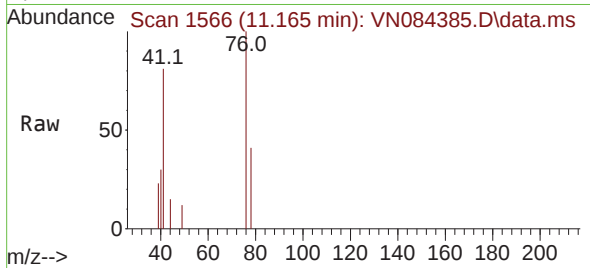
Tgt Ion: 69 Resp: 1286
Ion Ratio Lower Upper
69 100
41 105.4 53.3 79.9#
39 47.7 28.8 43.2#





#57
1,3-Dichloropropane
Concen: 0.719 ug/l
RT: 11.165 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

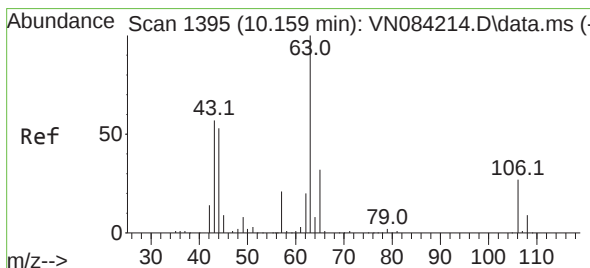
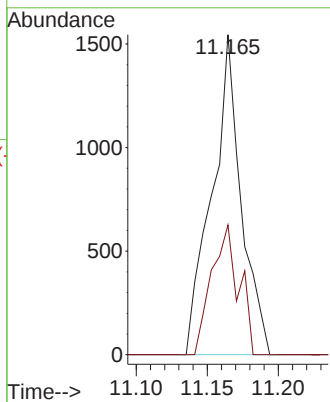
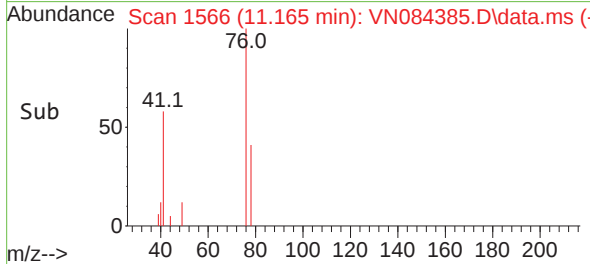
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 76 Resp: 220
Ion Ratio Lower Upper
76 100
78 37.9 25.8 38.6

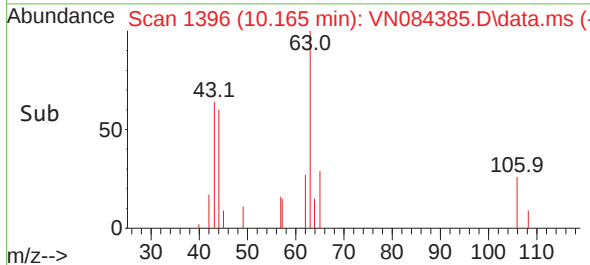
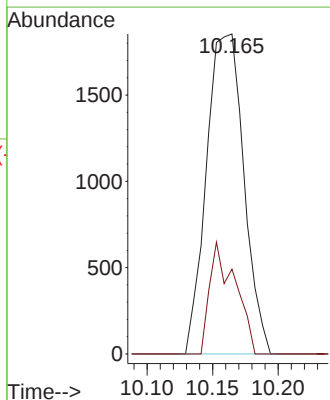
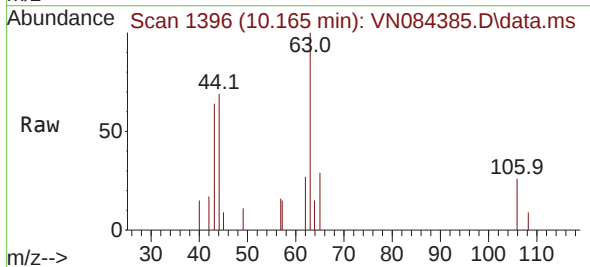
Manual Integrations
APPROVED

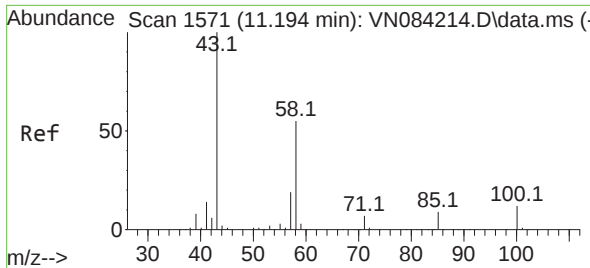
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#58
2-Chloroethyl Vinyl ether
Concen: 2.802 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

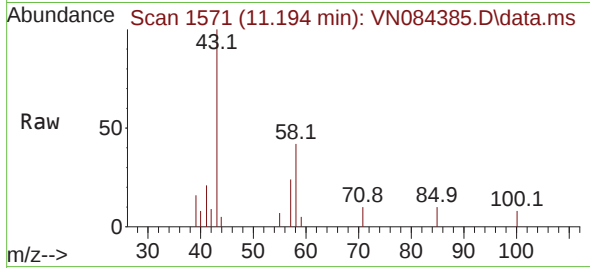
Tgt Ion: 63 Resp: 3675
Ion Ratio Lower Upper
63 100
106 23.8 21.8 32.6





#59
2-Hexanone
Concen: 3.033 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

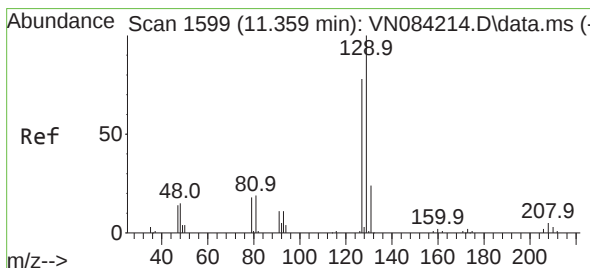
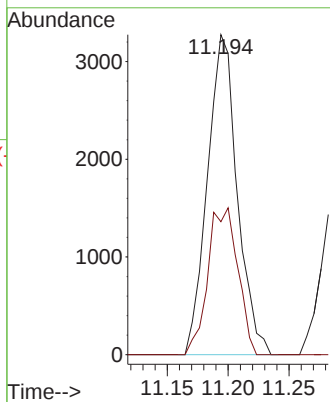
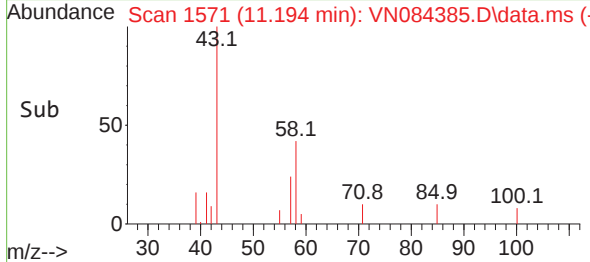
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 43 Resp: 558
Ion Ratio Lower Upper
43 100
58 46.0 27.3 81.8

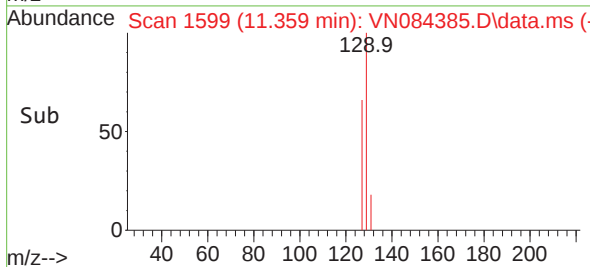
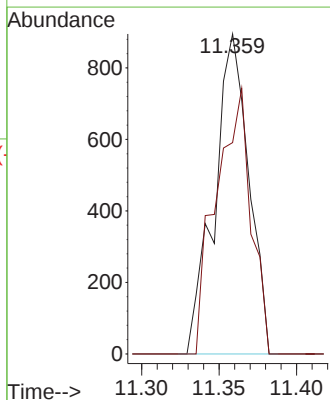
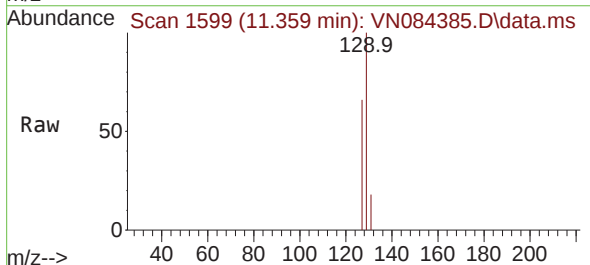
Manual Integrations
APPROVED

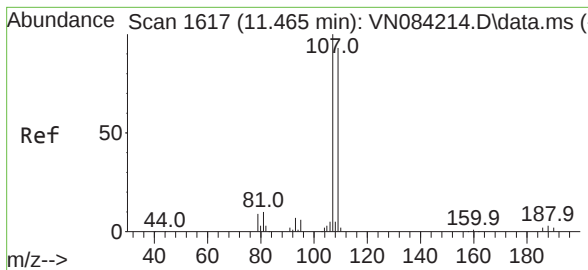
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#60
Dibromochloromethane
Concen: 0.681 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

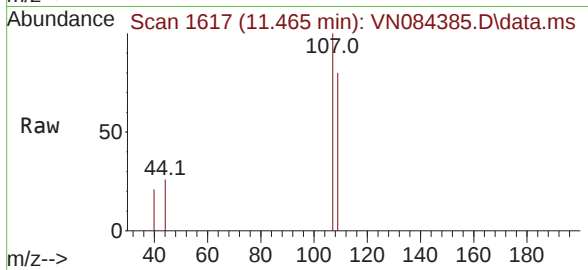
Tgt Ion:129 Resp: 1382
Ion Ratio Lower Upper
129 100
127 84.1 38.3 114.9





#61
1,2-Dibromoethane
Concen: 0.725 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

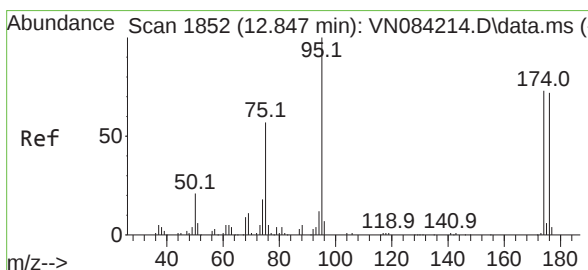
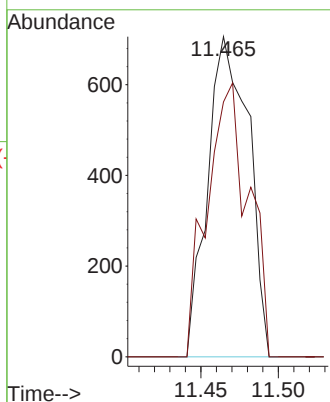
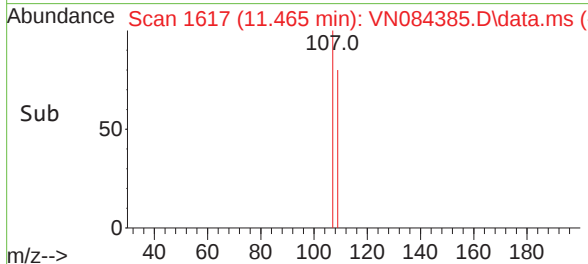
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



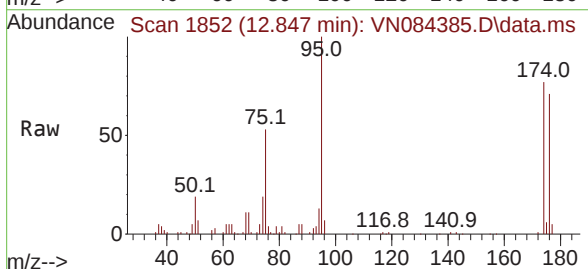
Tgt Ion:107 Resp: 1298
Ion Ratio Lower Upper
107 100
109 86.8 75.4 113.0

Manual Integrations
APPROVED

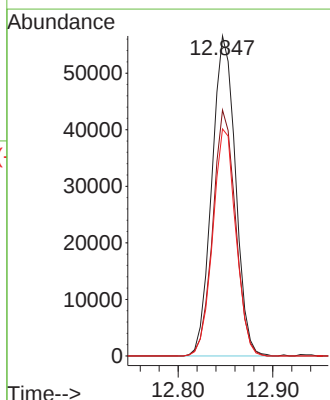
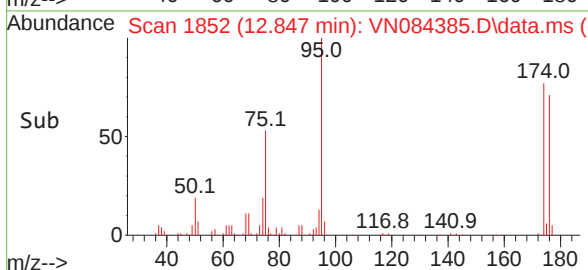
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

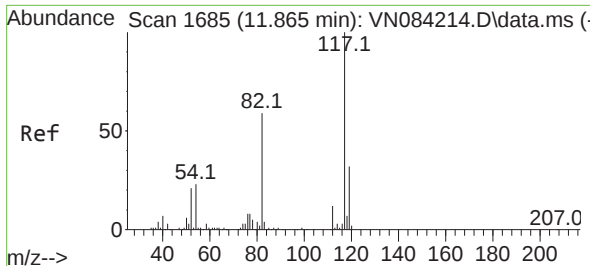


#62
4-Bromofluorobenzene
Concen: 42.055 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45



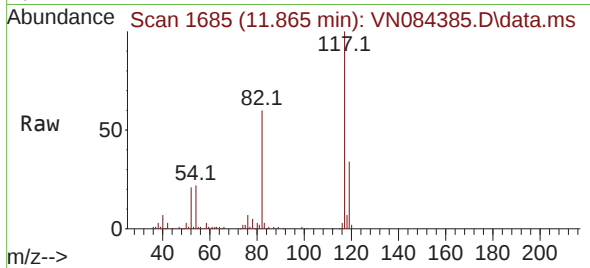
Tgt Ion: 95 Resp: 97912
Ion Ratio Lower Upper
95 100
174 73.9 0.0 145.2
176 69.4 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

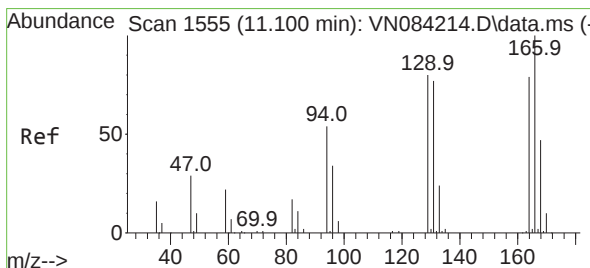
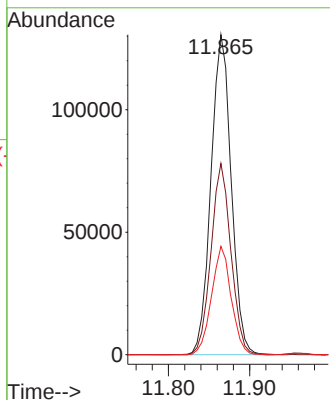
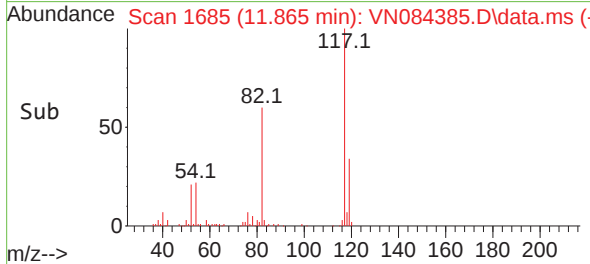
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:117 Resp: 22642
Ion Ratio Lower Upper
117 100
82 59.7 47.2 70.8
119 33.8 25.4 38.0

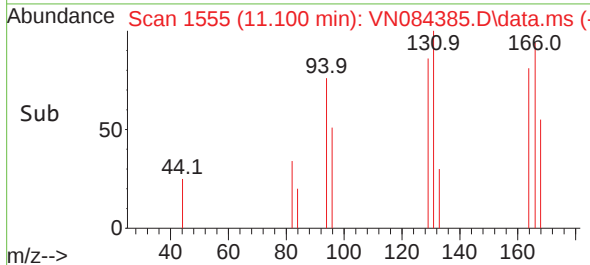
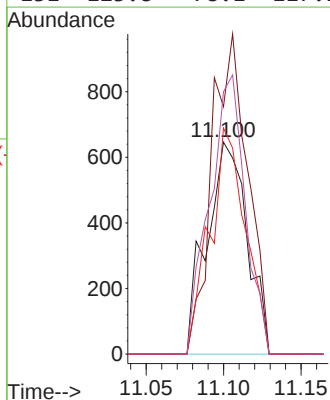
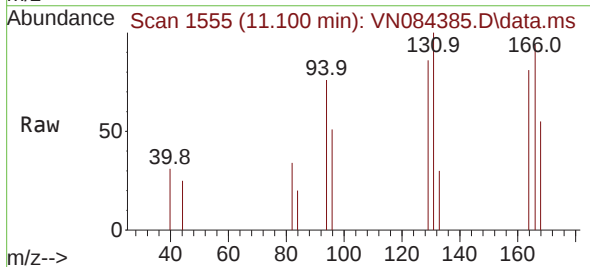
Manual Integrations
APPROVED

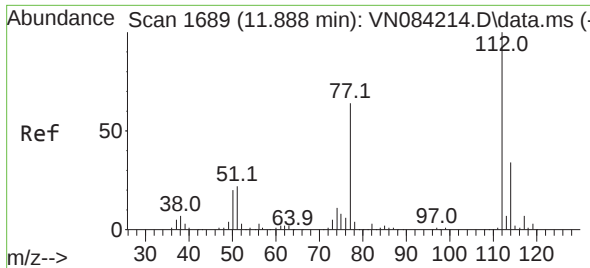
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#64
Tetrachloroethene
Concen: 0.739 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

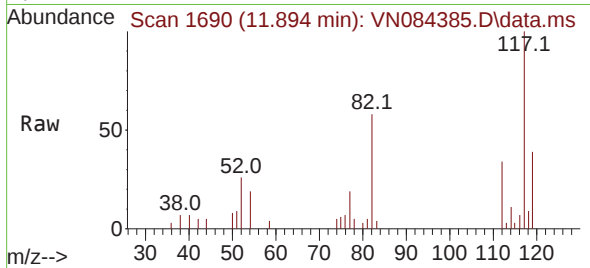
Tgt Ion:164 Resp: 1166
Ion Ratio Lower Upper
164 100
166 116.7 101.0 151.4
129 106.7 80.8 121.2
131 123.8 78.1 117.1#





#65
Chlorobenzene
Concen: 0.721 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

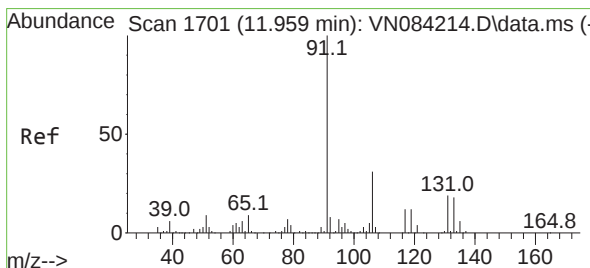
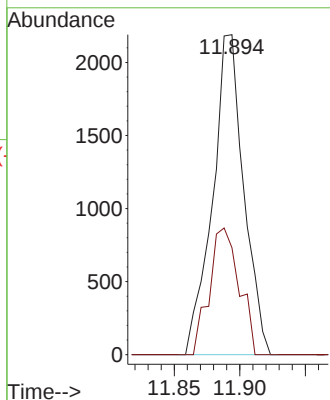
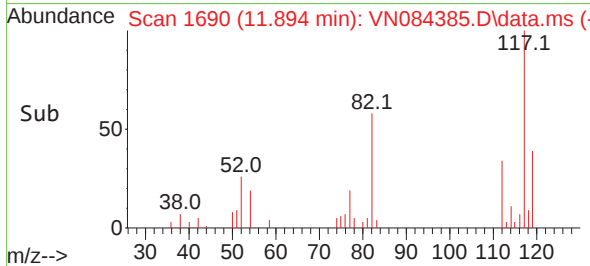
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



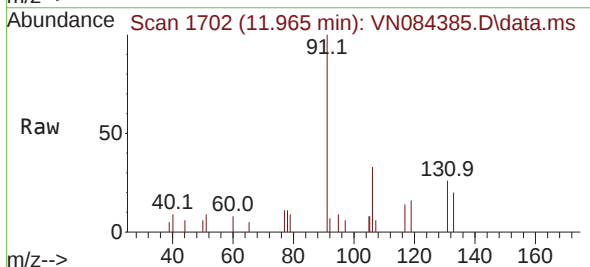
Tgt Ion:112 Resp: 362
Ion Ratio Lower Upper
112 100
114 33.4 27.0 40.6

Manual Integrations
APPROVED

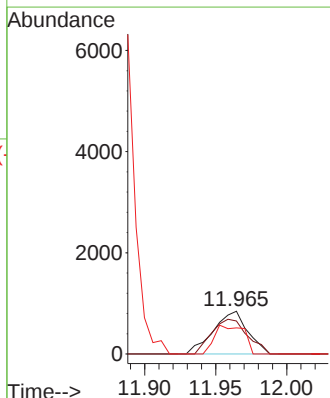
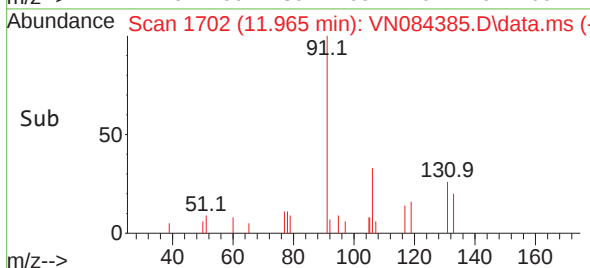
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

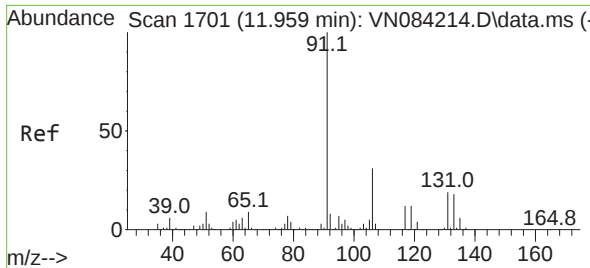


#66
1,1,1,2-Tetrachloroethane
Concen: 0.821 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45



Tgt Ion:131 Resp: 1419
Ion Ratio Lower Upper
131 100
133 84.5 47.9 143.7
119 0.0 32.8 98.3





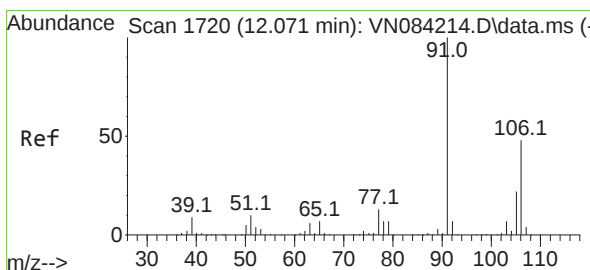
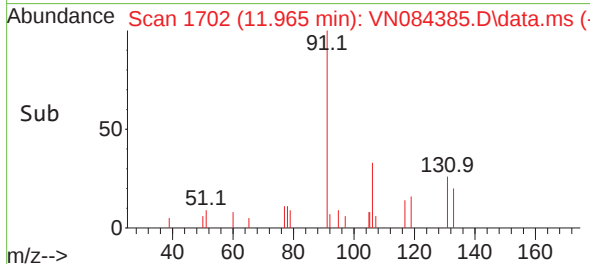
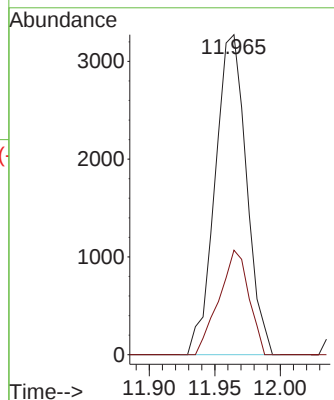
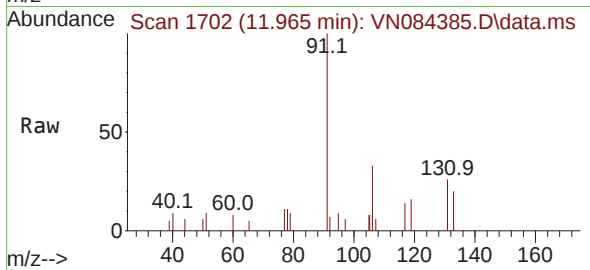
#67
Ethyl Benzene
Concen: 0.613 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 91 Resp: 544
Ion Ratio Lower Upper
91 100
106 32.7 24.5 36.7

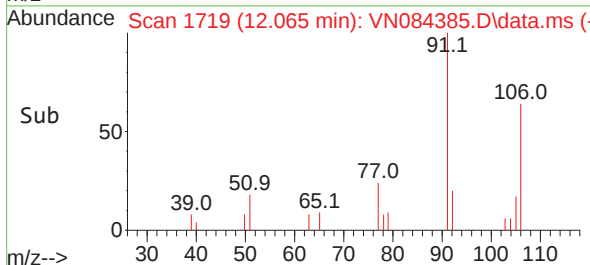
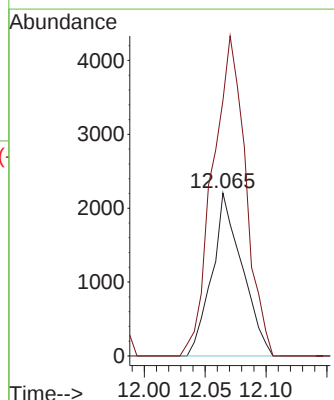
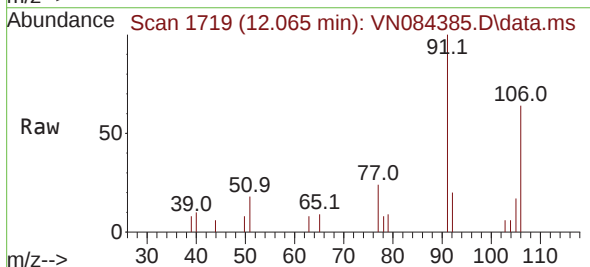
Manual Integrations
APPROVED

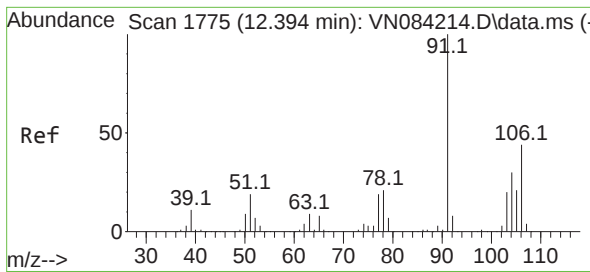
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#68
m/p-Xylenes
Concen: 1.159 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

Tgt Ion:106 Resp: 3806
Ion Ratio Lower Upper
106 100
91 214.3 167.1 250.7





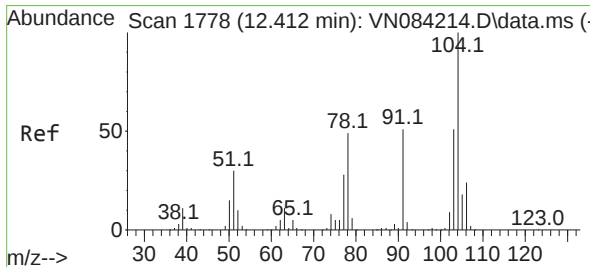
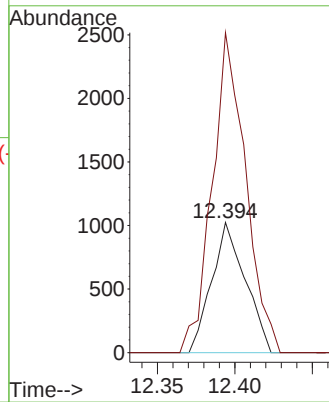
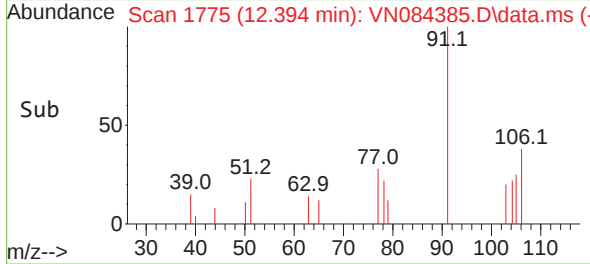
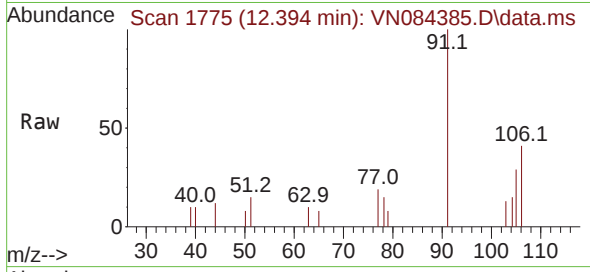
#69
o-Xylene
Concen: 0.497 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:106 Resp: 1544
Ion Ratio Lower Upper
106 100
91 244.5 110.2 330.6

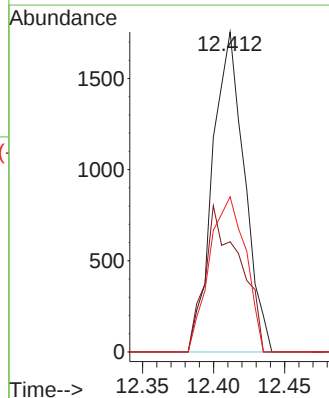
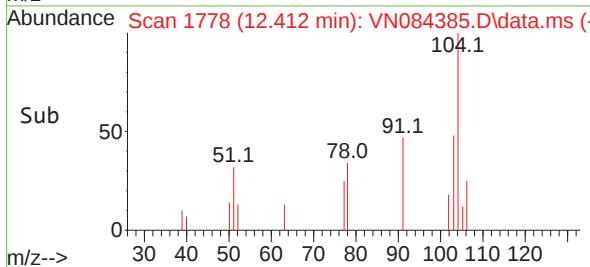
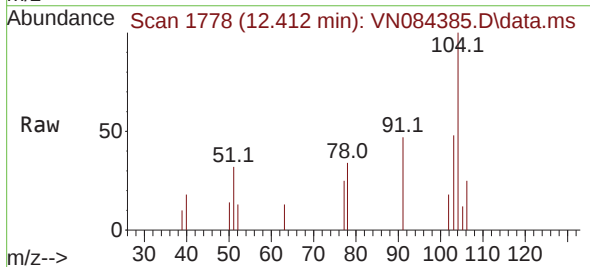
Manual Integrations
APPROVED

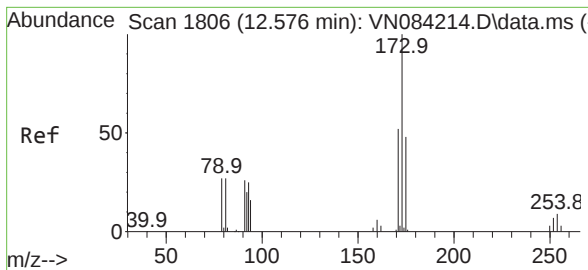
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#70
Styrene
Concen: 0.519 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

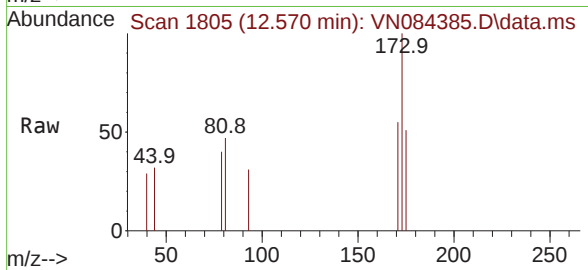
Tgt Ion:104 Resp: 2729
Ion Ratio Lower Upper
104 100
78 50.4 42.7 64.1
103 55.3 43.6 65.4





#71
Bromoform
Concen: 0.756 ug/l
RT: 12.570 min Scan# 1805
Delta R.T. -0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

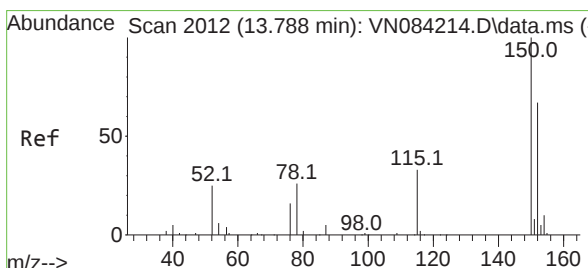
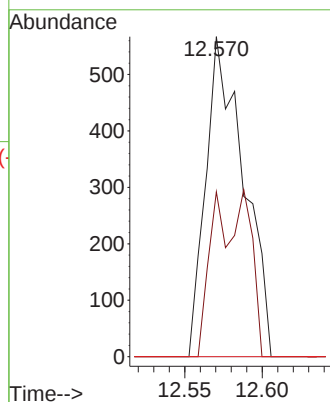
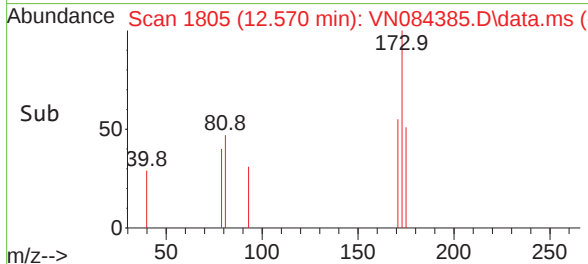
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



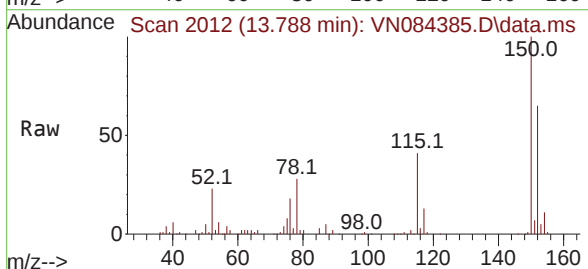
Tgt Ion:173 Resp: 962
Ion Ratio Lower Upper
173 100
175 23.5 23.5 70.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

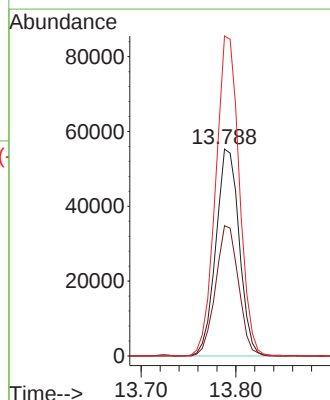
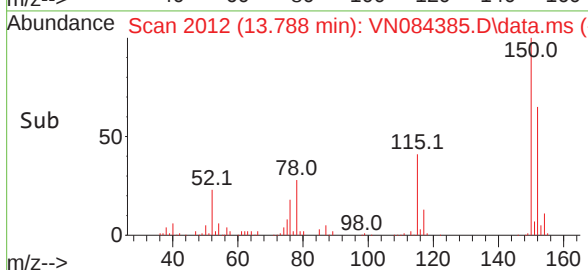
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

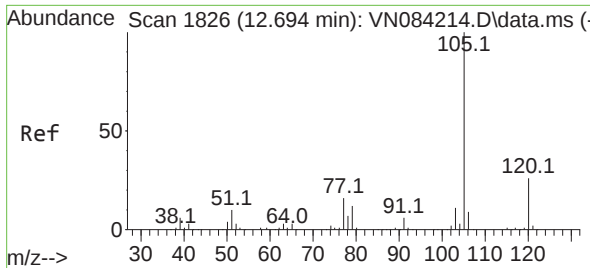


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45



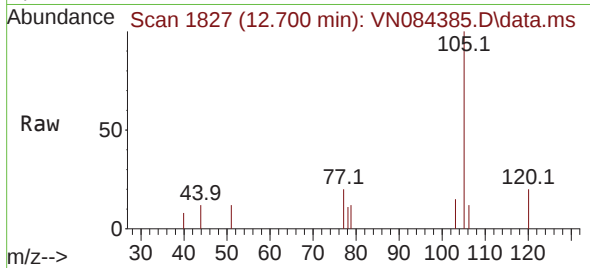
Tgt Ion:152 Resp: 94711
Ion Ratio Lower Upper
152 100
115 61.9 31.3 93.9
150 156.4 0.0 349.8





#73
Isopropylbenzene
Concen: 0.573 ug/l
RT: 12.700 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

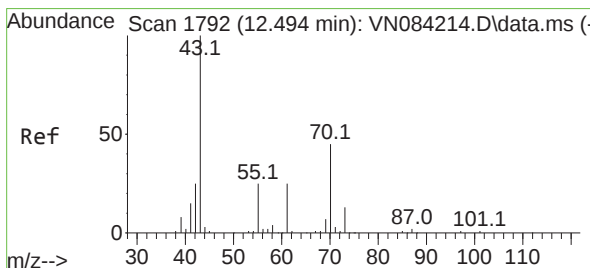
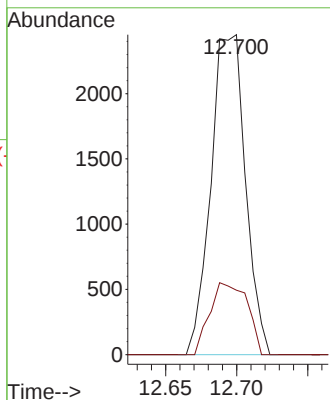
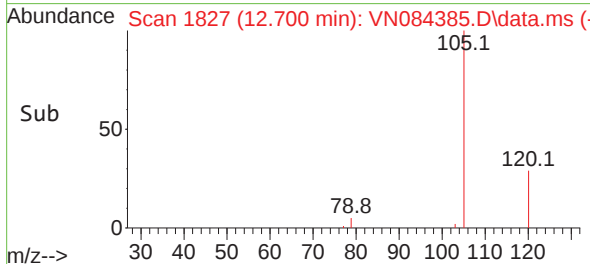
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:105 Resp: 414
Ion Ratio Lower Upper
105 100
120 24.3 12.9 38.7

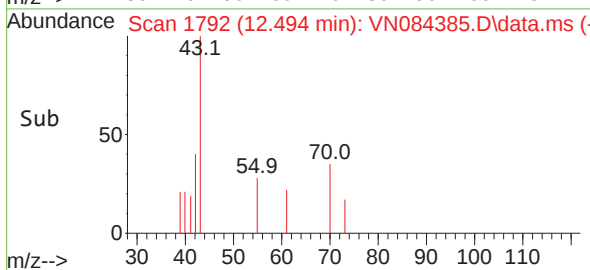
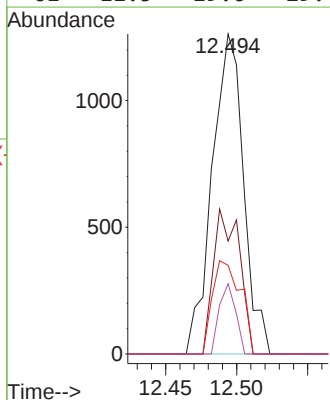
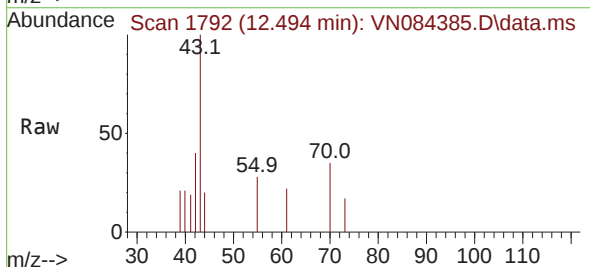
Manual Integrations
APPROVED

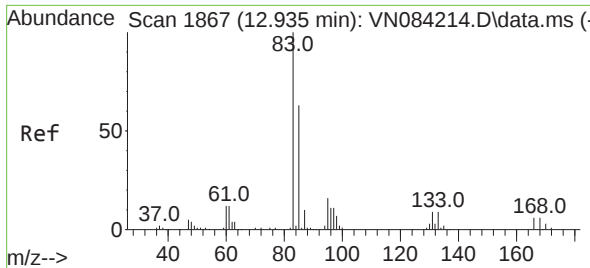
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#74
N-ethyl acetate
Concen: 0.592 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

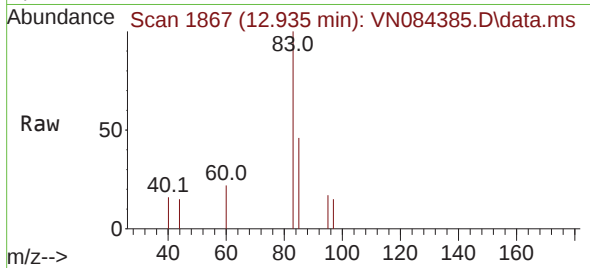
Tgt Ion: 43 Resp: 1937
Ion Ratio Lower Upper
43 100
70 37.5 34.4 51.6
55 26.2 19.6 29.4
61 11.5 19.6 29.4#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.852 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

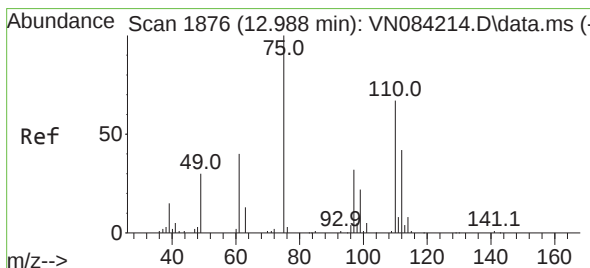
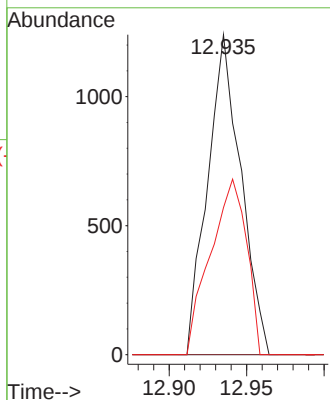
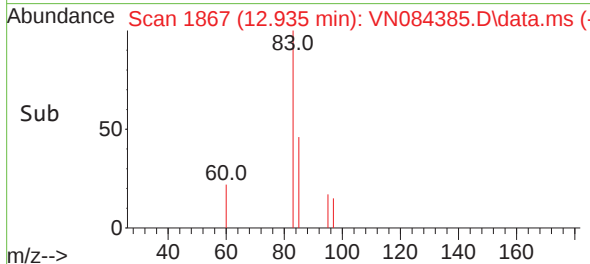
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



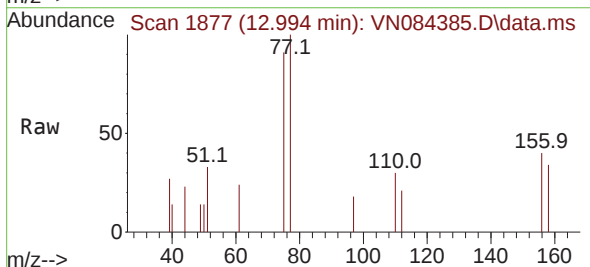
Tgt Ion: 83 Resp: 1852
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7
85 59.7 31.9 95.7

Manual Integrations
APPROVED

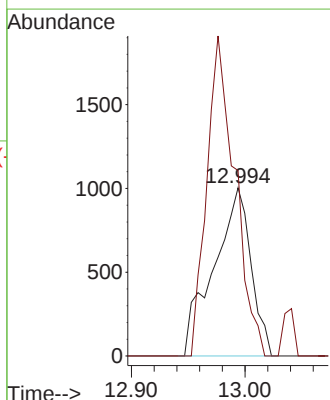
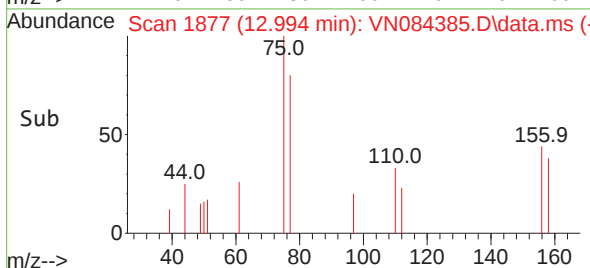
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

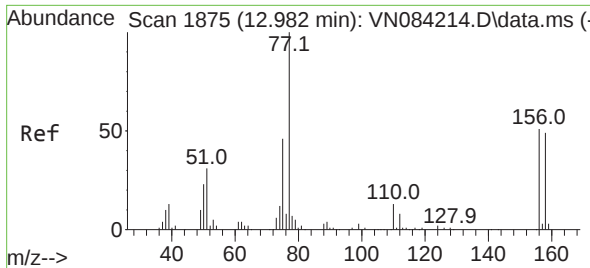


#76
1,2,3-Trichloropropane
Concen: 1.183 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45



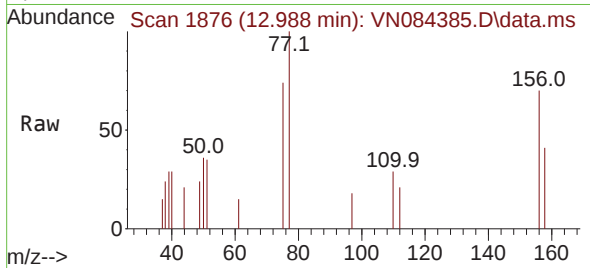
Tgt Ion: 75 Resp: 2288
Ion Ratio Lower Upper
75 100
77 143.8 96.9 290.7





#77
Bromobenzene
Concen: 0.796 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

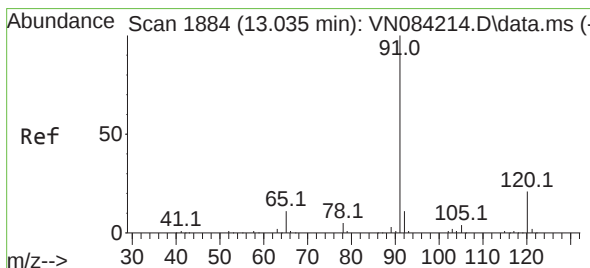
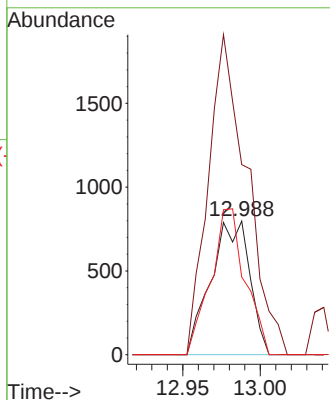
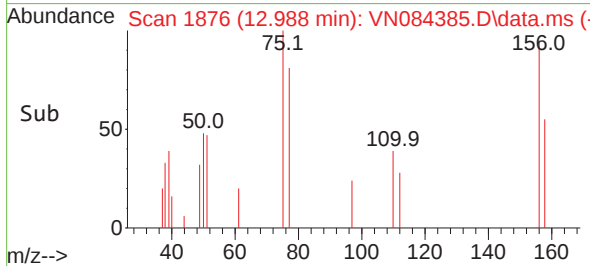
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



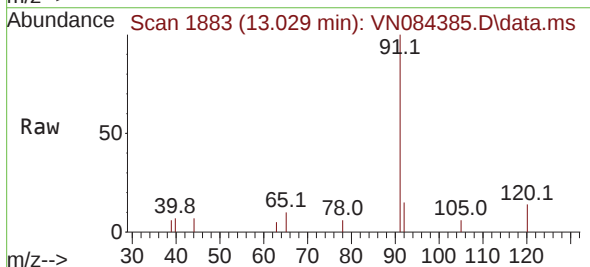
Tgt Ion:156 Resp: 138
Ion Ratio Lower Upper
156 100
77 237.1 115.1 345.3
158 97.0 48.9 146.8

Manual Integrations
APPROVED

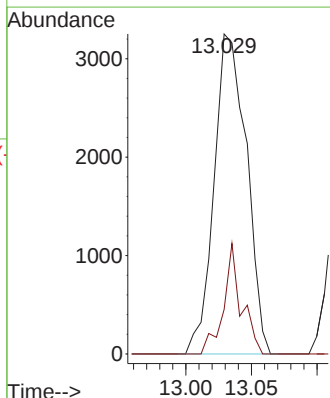
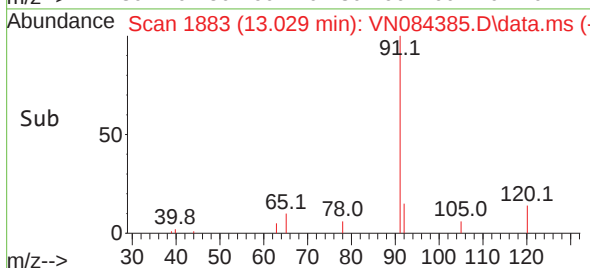
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

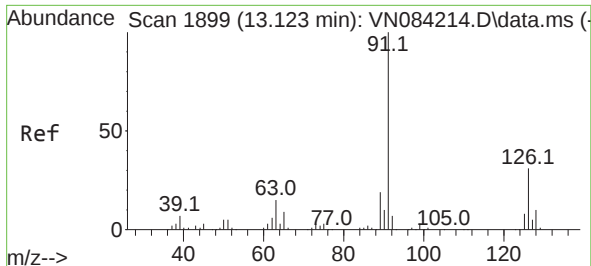


#78
n-propylbenzene
Concen: 0.668 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45



Tgt Ion: 91 Resp: 5591
Ion Ratio Lower Upper
91 100
120 18.9 10.8 32.4





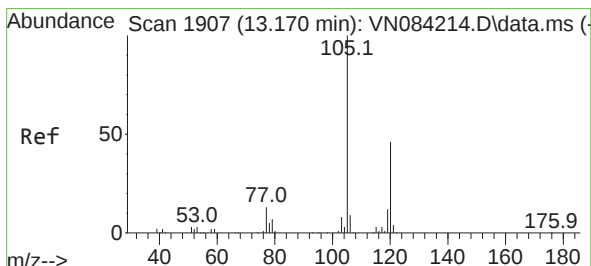
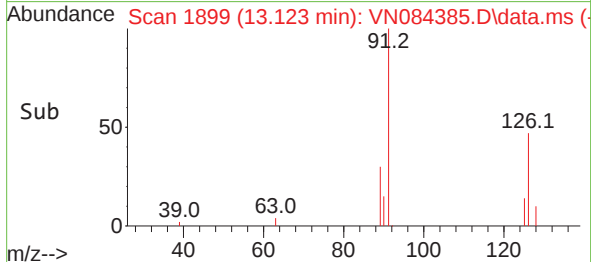
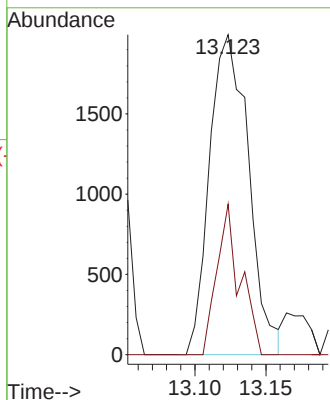
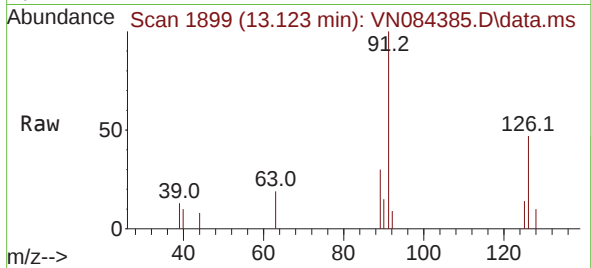
#79
2-Chlorotoluene
Concen: 0.712 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 91 Resp: 3804
Ion Ratio Lower Upper
91 100
126 28.0 15.7 47.1

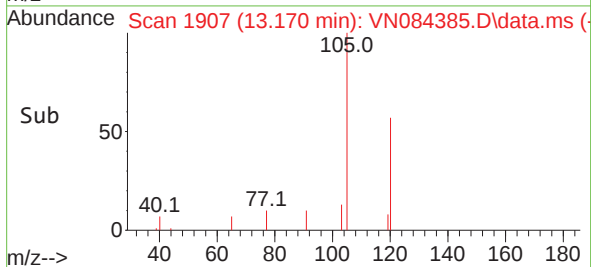
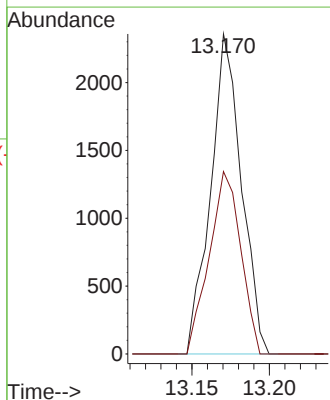
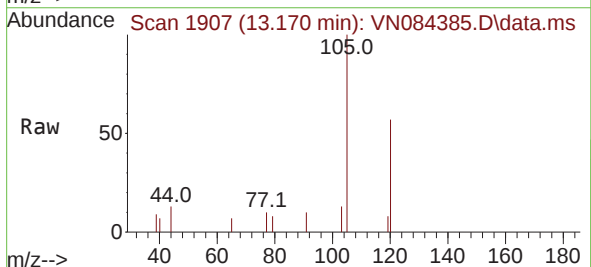
Manual Integrations
APPROVED

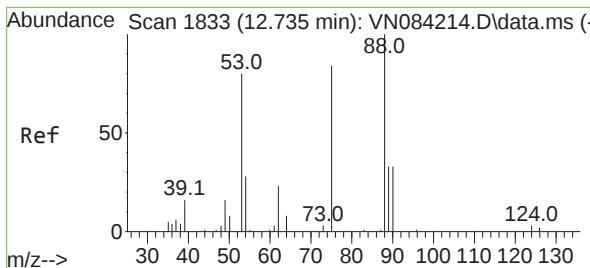
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#80
1,3,5-Trimethylbenzene
Concen: 0.553 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

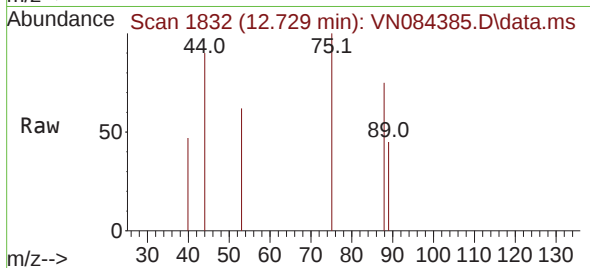
Tgt Ion:105 Resp: 3262
Ion Ratio Lower Upper
105 100
120 58.1 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 0.552 ug/l m
RT: 12.729 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

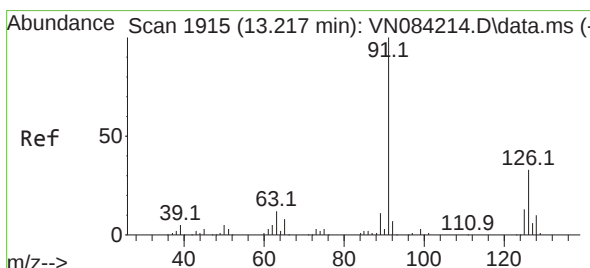
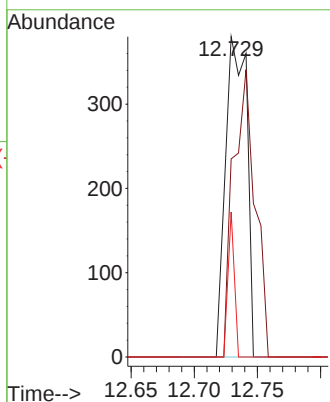
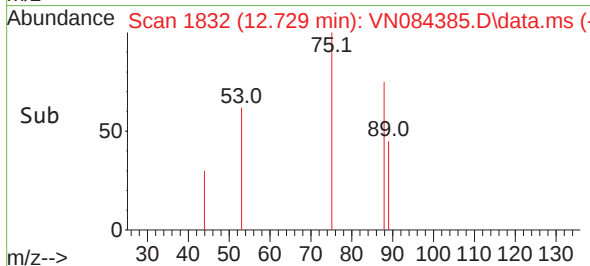
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 75 Resp: 449
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0
89 0.0 35.5 53.3

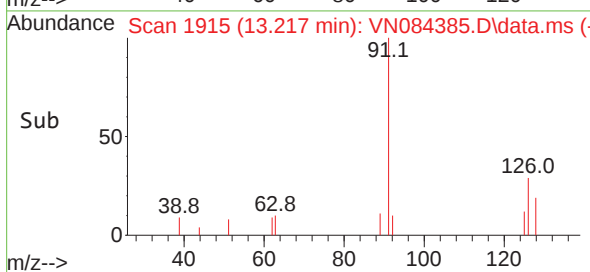
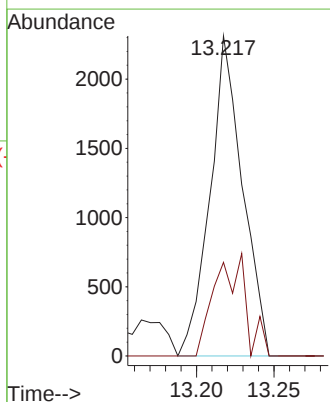
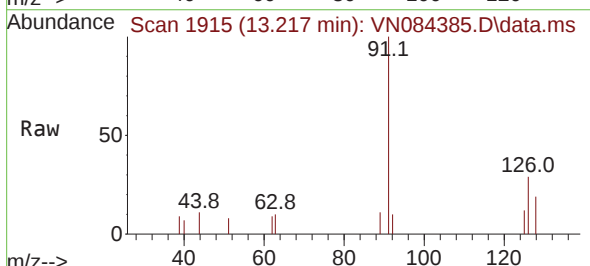
Manual Integrations
APPROVED

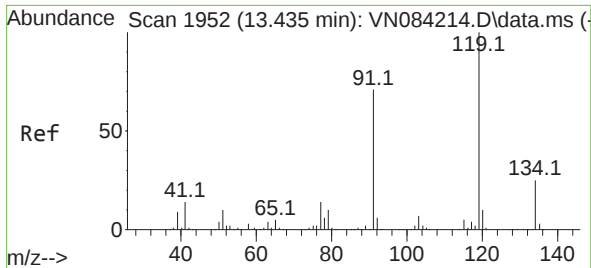
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#82
4-Chlorotoluene
Concen: 0.626 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

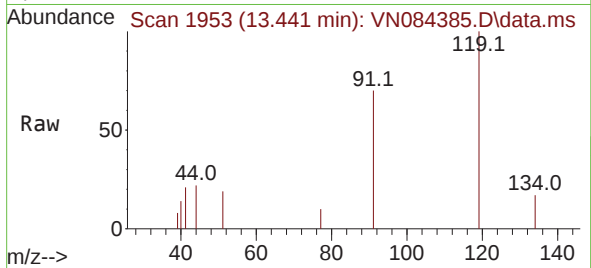
Tgt Ion: 91 Resp: 3366
Ion Ratio Lower Upper
91 100
126 30.7 15.7 47.1





#83
tert-Butylbenzene
Concen: 0.558 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

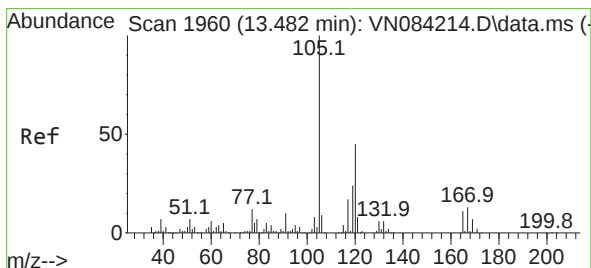
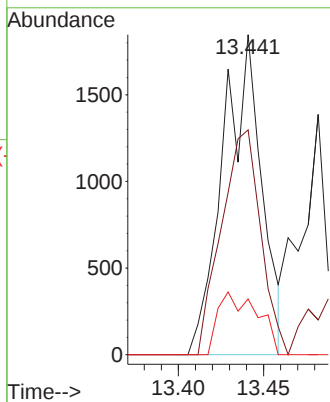
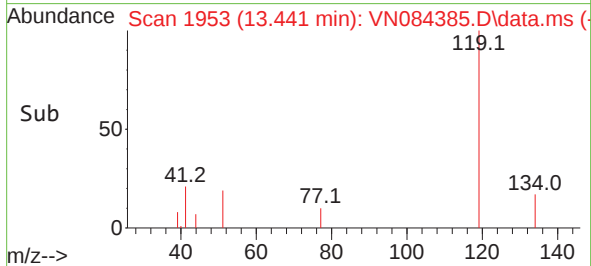
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



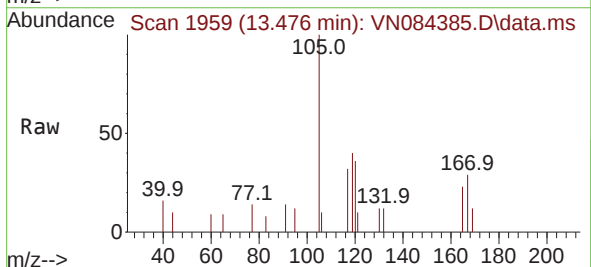
Tgt Ion:119 Resp: 2920
Ion Ratio Lower Upper
119 100
91 71.1 34.1 102.3
134 19.9 12.8 38.4

Manual Integrations
APPROVED

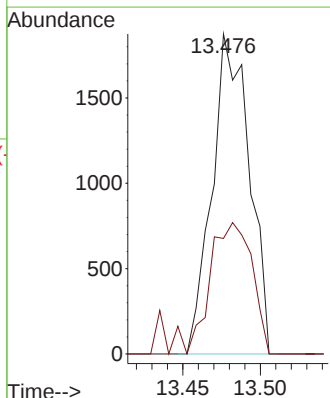
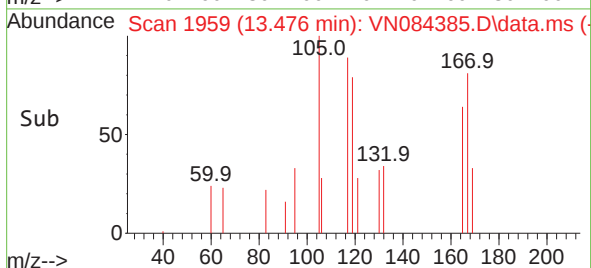
Reviewed By :John Carbone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

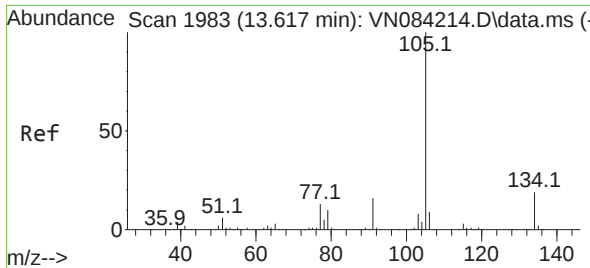


#84
1,2,4-Trimethylbenzene
Concen: 0.526 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45



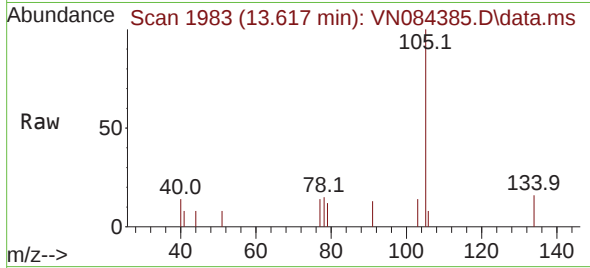
Tgt Ion:105 Resp: 3122
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 0.541 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN084385.D
 Acq: 10 Oct 2024 13:45

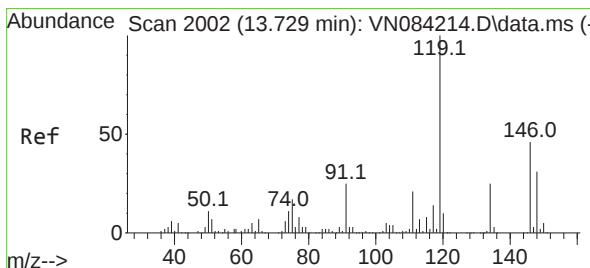
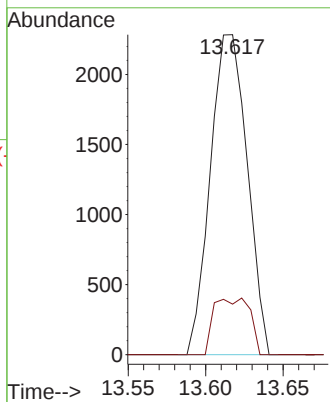
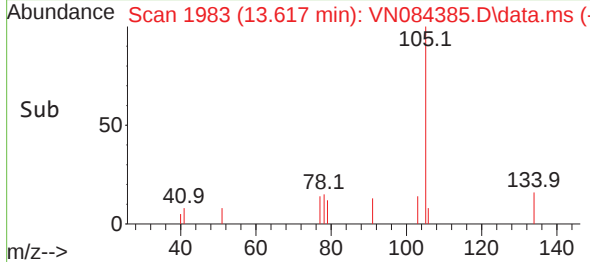
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT4-2024



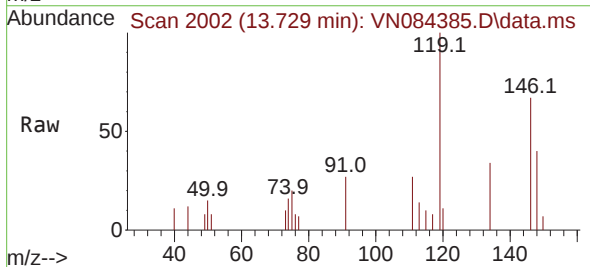
Tgt Ion:105 Resp: 3780
 Ion Ratio Lower Upper
 105 100
 134 17.3 9.8 29.4

Manual Integrations
 APPROVED

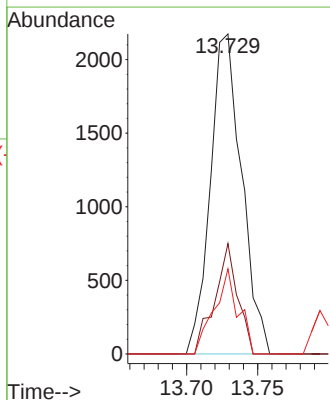
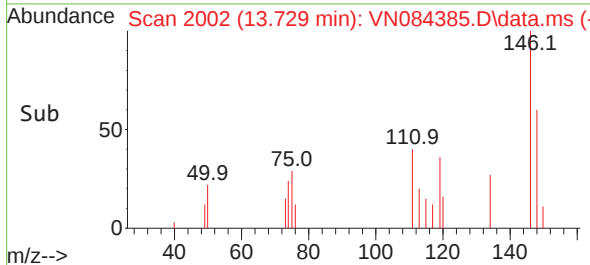
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

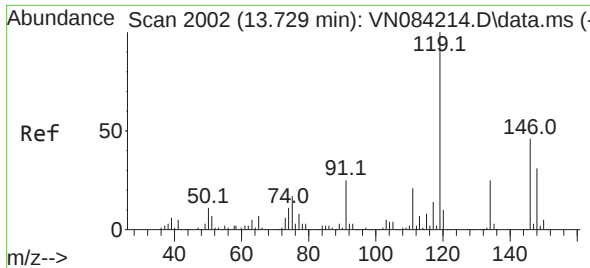


#86
 p-Isopropyltoluene
 Concen: 0.577 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084385.D
 Acq: 10 Oct 2024 13:45



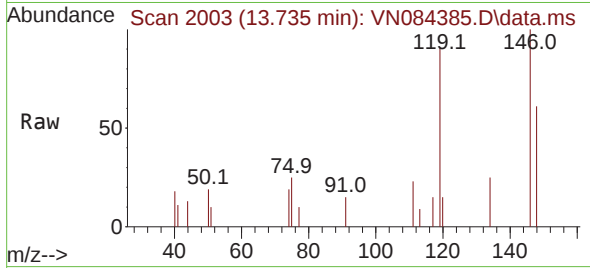
Tgt Ion:119 Resp: 3336
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 20.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 0.786 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

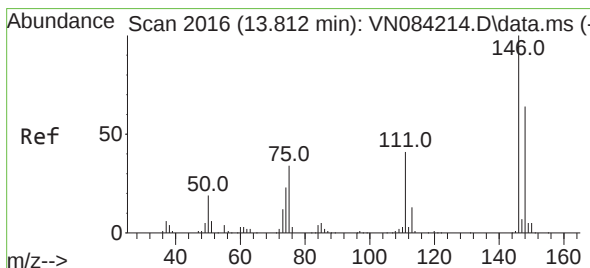
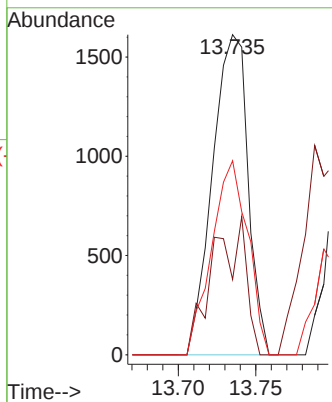
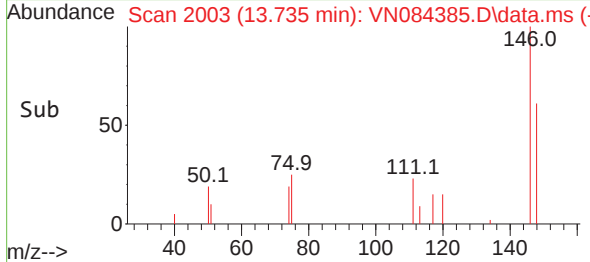
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:146 Resp: 2569
Ion Ratio Lower Upper
146 100
111 39.7 21.8 65.3
148 61.5 31.9 95.7

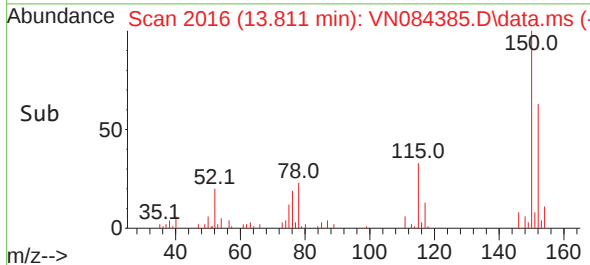
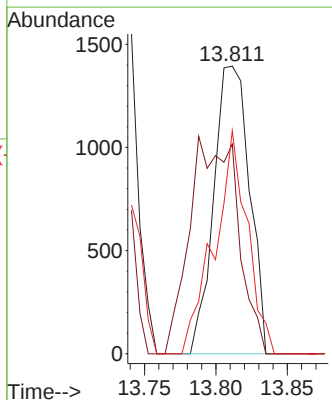
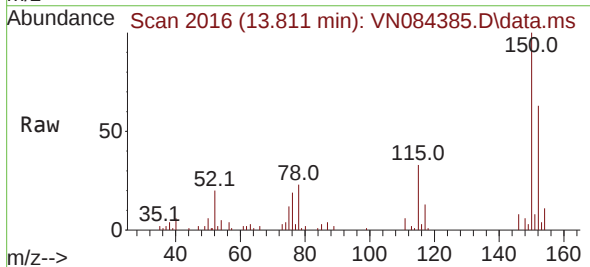
Manual Integrations
APPROVED

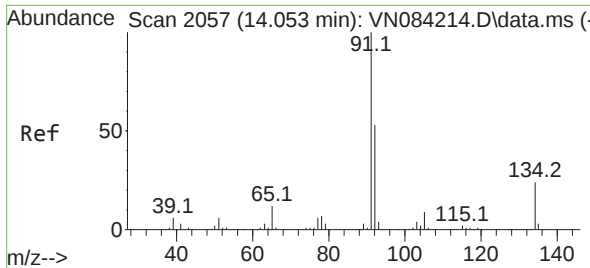
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#88
1,4-Dichlorobenzene
Concen: 0.735 ug/l m
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

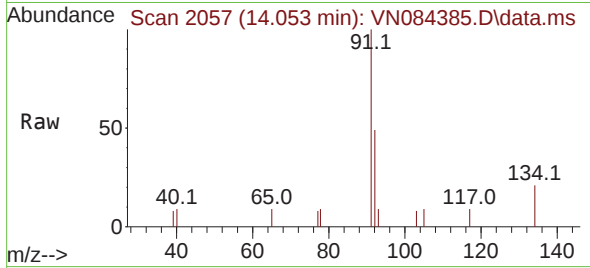
Tgt Ion:146 Resp: 2428
Ion Ratio Lower Upper
146 100
111 42.1 21.2 63.6
148 65.1 31.9 95.9





#89
n-Butylbenzene
Concen: 0.605 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

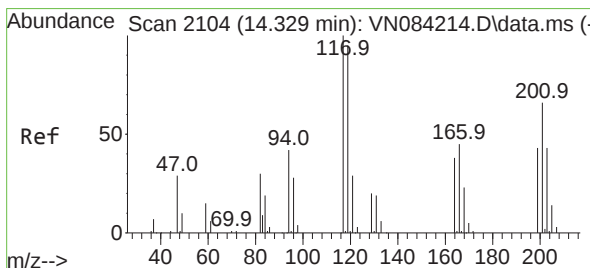
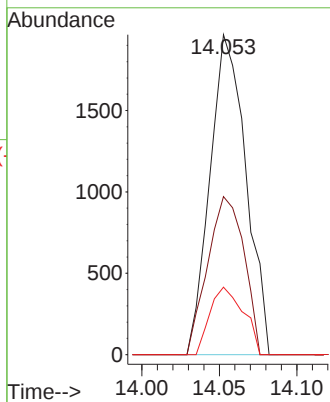
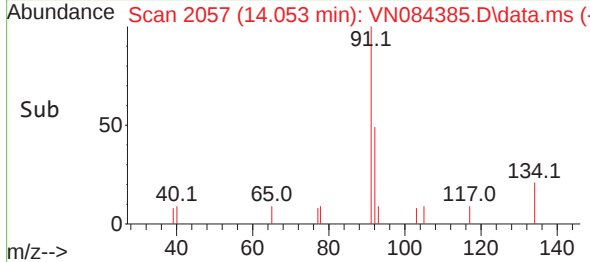
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



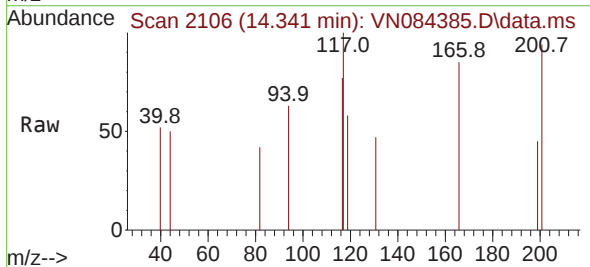
Tgt Ion: 91 Resp: 3172
Ion Ratio Lower Upper
91 100
92 49.9 26.6 79.7
134 19.6 12.3 36.9

Manual Integrations
APPROVED

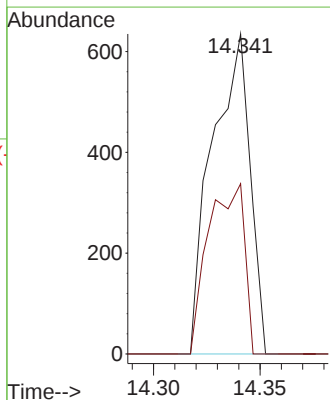
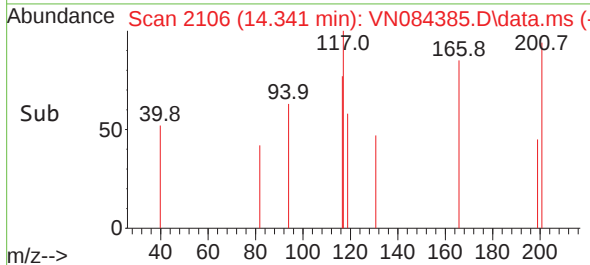
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

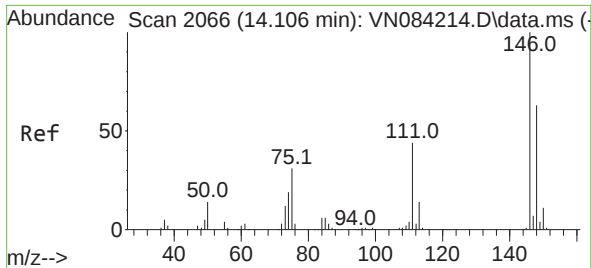


#90
Hexachloroethane
Concen: 0.666 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.012 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45



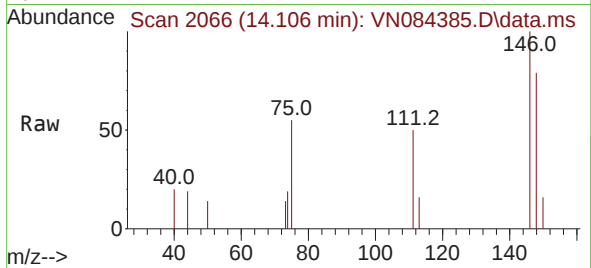
Tgt Ion:117 Resp: 782
Ion Ratio Lower Upper
117 100
201 51.0 34.4 103.2





#91
1,2-Dichlorobenzene
Concen: 0.665 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

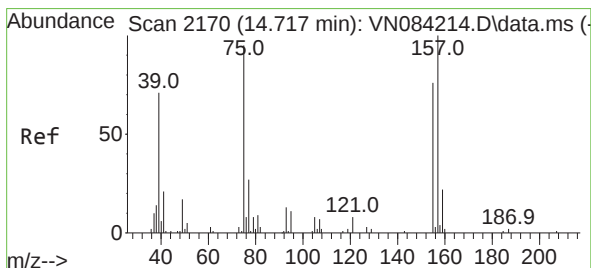
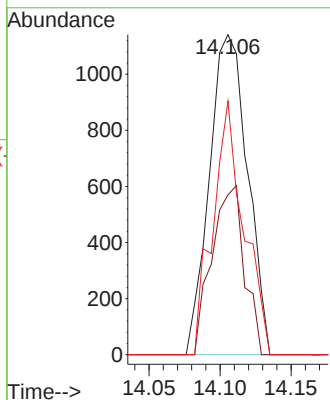
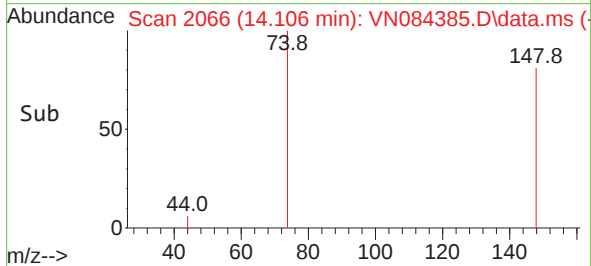
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



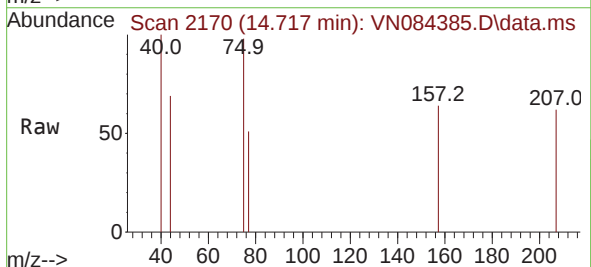
Tgt Ion:146 Resp: 2138
Ion Ratio Lower Upper
146 100
111 45.0 22.0 66.0
148 64.4 32.1 96.3

Manual Integrations
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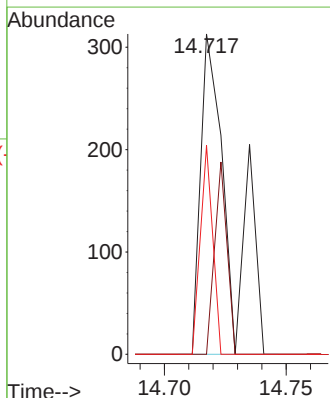
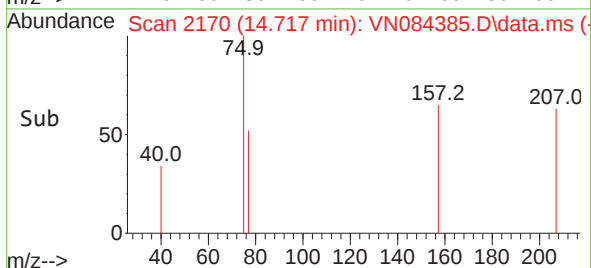
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

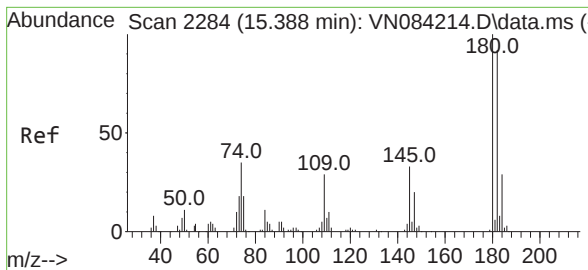


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.575 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45



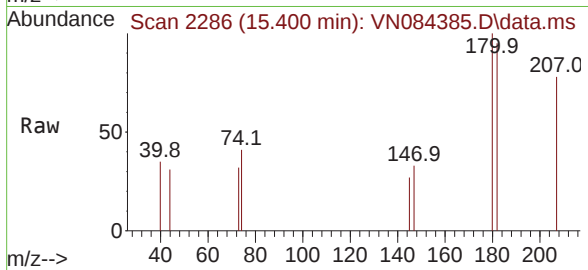
Tgt Ion: 75 Resp: 258
Ion Ratio Lower Upper
75 100
155 25.6 38.1 114.5#
157 27.9 49.6 149.0#





#93
 1,2,4-Trichlorobenzene
 Concen: 0.638 ug/l
 RT: 15.400 min Scan# 2100
 Delta R.T. 0.012 min
 Lab File: VN084385.D
 Acq: 10 Oct 2024 13:45

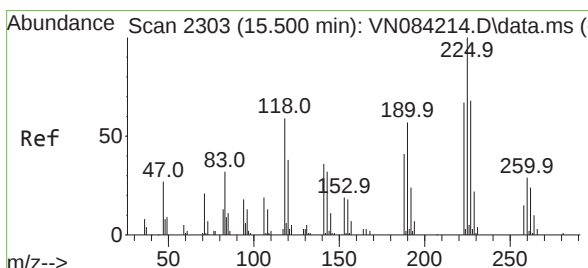
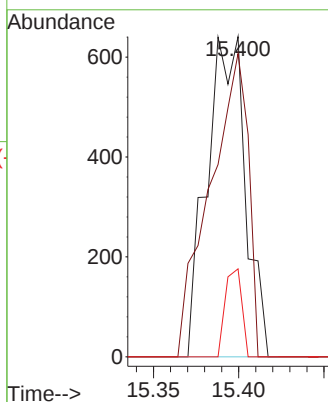
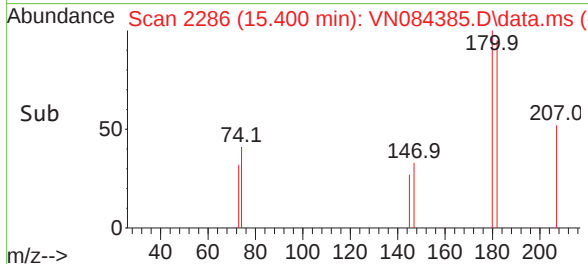
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024



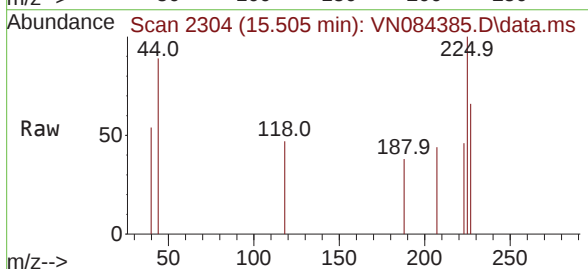
Tgt Ion:180 Resp: 100
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.0 141.0
 145 11.8 16.4 49.4

Manual Integrations
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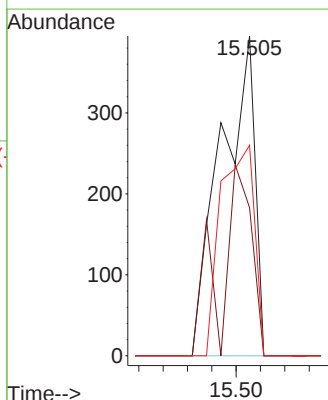
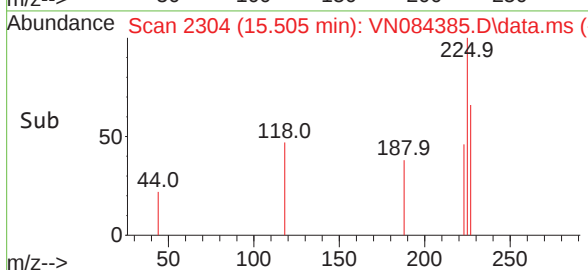
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

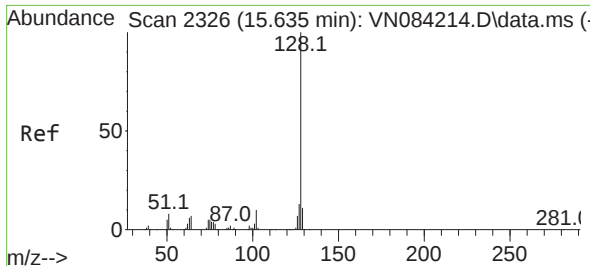


#94
 Hexachlorobutadiene
 Concen: 0.485 ug/l
 RT: 15.505 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN084385.D
 Acq: 10 Oct 2024 13:45



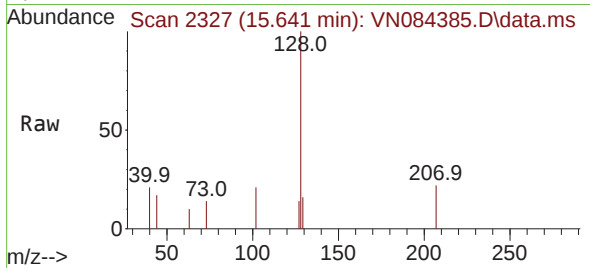
Tgt Ion:225 Resp: 382
 Ion Ratio Lower Upper
 225 100
 223 54.2 32.4 97.2
 227 65.4 32.4 97.0





#95
Naphthalene
Concen: 0.531 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45

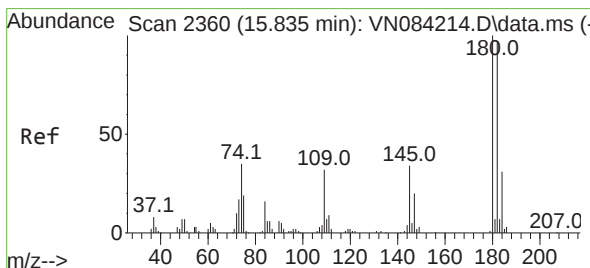
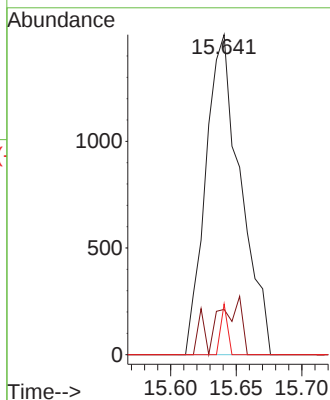
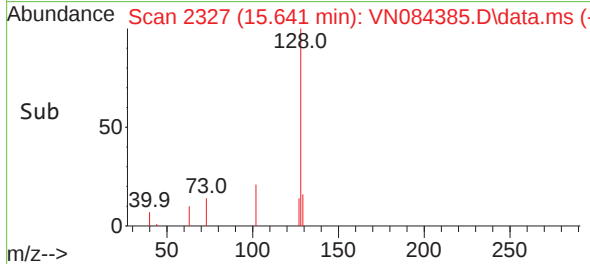
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



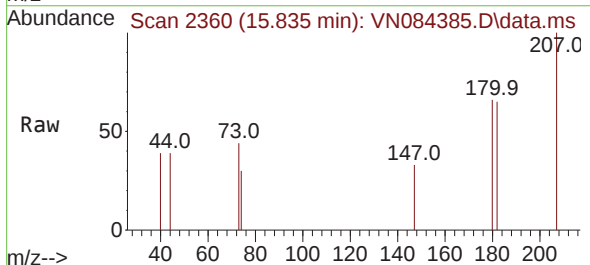
Tgt Ion:128 Resp: 2780
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 3.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#96
1,2,3-Trichlorobenzene
Concen: 0.448 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN084385.D
Acq: 10 Oct 2024 13:45



Tgt Ion:180 Resp: 708
Ion Ratio Lower Upper
180 100
182 120.9 48.2 144.6
145 10.3 17.3 51.9

