

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
 Data File : VN084386.D
 Acq On : 10 Oct 2024 14:09
 Operator : JC\MD
 Sample : P4368-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 11 05:30:17 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	154863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123305	53.701	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.400%			
35) Dibromofluoromethane	8.171	113	96172	53.401	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.800%			
50) Toluene-d8	10.565	98	338392	51.071	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.140%			
62) 4-Bromofluorobenzene	12.847	95	117728	48.771	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	5059	2.762	ug/l	92
3) Chloromethane	2.365	50	5795	2.771	ug/l	100
4) Vinyl Chloride	2.518	62	5683	2.805	ug/l	100
5) Bromomethane	2.959	94	3731	2.792	ug/l	86
6) Chloroethane	3.118	64	4848m	3.341	ug/l	
7) Trichlorofluoromethane	3.500	101	8941	2.834	ug/l	96
8) Diethyl Ether	3.965	74	2924	2.499	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	4655	2.575	ug/l #	87
10) Methyl Iodide	4.589	142	5357	2.301	ug/l	89
11) Tert butyl alcohol	5.518	59	4641	12.258	ug/l #	76
12) 1,1-Dichloroethene	4.336	96	4754	2.726	ug/l	79
13) Acrolein	4.183	56	3260	7.500	ug/l	99
14) Allyl chloride	5.030	41	7218	2.384	ug/l	94
15) Acrylonitrile	5.712	53	11756	12.296	ug/l	98
16) Acetone	4.441	43	14150	14.346	ug/l	96
17) Carbon Disulfide	4.706	76	13912	2.520	ug/l #	93
18) Methyl Acetate	5.041	43	5536	2.575	ug/l #	51
19) Methyl tert-butyl Ether	5.806	73	13681	2.325	ug/l	96
20) Methylene Chloride	5.277	84	5382	2.684	ug/l #	82
21) trans-1,2-Dichloroethene	5.788	96	4814	2.635	ug/l	96
22) Diisopropyl ether	6.665	45	14550	2.323	ug/l #	85
23) Vinyl Acetate	6.606	43	50319	10.831	ug/l	100
24) 1,1-Dichloroethane	6.559	63	9543	2.724	ug/l #	87
25) 2-Butanone	7.482	43	16181	12.044	ug/l	96
26) 2,2-Dichloropropane	7.500	77	7844	2.484	ug/l	93
27) cis-1,2-Dichloroethene	7.488	96	5670	2.569	ug/l	98
28) Bromochloromethane	7.812	49	4560	2.918	ug/l #	94
29) Tetrahydrofuran	7.847	42	9280	11.193	ug/l	99
30) Chloroform	7.965	83	10070	2.768	ug/l	96
31) Cyclohexane	8.247	56	11157	3.280	ug/l #	88
32) 1,1,1-Trichloroethane	8.171	97	9061	2.773	ug/l #	53
36) 1,1-Dichloropropene	8.365	75	6430	2.458	ug/l	98
37) Ethyl Acetate	7.559	43	7484	2.789	ug/l #	91
38) Carbon Tetrachloride	8.371	117	7725	2.692	ug/l	87
39) Methylcyclohexane	9.594	83	6384	2.193	ug/l	95
40) Benzene	8.606	78	20927	2.568	ug/l	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
 Data File : VN084386.D
 Acq On : 10 Oct 2024 14:09
 Operator : JC\MD
 Sample : P4368-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 11 05:30:17 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)
41) Methacrylonitrile	7.782	41	3208	2.202	ug/l	94
42) 1,2-Dichloroethane	8.665	62	7504	2.716	ug/l	98
43) Isopropyl Acetate	8.688	43	12551	2.388	ug/l	95
44) Trichloroethene	9.347	130	5193	2.728	ug/l	91
45) 1,2-Dichloropropane	9.618	63	5283	2.740	ug/l #	86
46) Dibromomethane	9.706	93	3894	2.993	ug/l	99
47) Bromodichloromethane	9.888	83	7626	2.638	ug/l #	96
48) Methyl methacrylate	9.676	41	4701	2.247	ug/l	94
49) 1,4-Dioxane	9.694	88	1743	45.245	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	29943	11.720	ug/l	95
52) Toluene	10.629	92	13275	2.671	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	7089	2.406	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	7695	2.428	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	5028	2.822	ug/l #	88
56) Ethyl methacrylate	10.876	69	6706	2.287	ug/l #	92
57) 1,3-Dichloropropane	11.165	76	7792	2.447	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.159	63	14257	10.483	ug/l	97
59) 2-Hexanone	11.194	43	22406	11.734	ug/l	96
60) Dibromochloromethane	11.353	129	5800	2.755	ug/l	93
61) 1,2-Dibromoethane	11.470	107	4825	2.606	ug/l	98
64) Tetrachloroethene	11.100	164	4451	2.618	ug/l	88
65) Chlorobenzene	11.888	112	13524	2.499	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.959	131	4996	2.680	ug/l	98
67) Ethyl Benzene	11.959	91	21565	2.253	ug/l	92
68) m/p-Xylenes	12.070	106	16205	4.578	ug/l	96
69) o-Xylene	12.394	106	6887	2.056	ug/l	90
70) Styrene	12.412	104	11884	2.095	ug/l	95
71) Bromoform	12.576	173	3331	2.427	ug/l #	85
73) Isopropylbenzene	12.694	105	18106	2.225	ug/l	98
74) N-amyl acetate	12.494	43	7793	2.114	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	6758	2.761	ug/l	90
76) 1,2,3-Trichloropropane	12.988	75	8853	4.066	ug/l	62
77) Bromobenzene	12.982	156	5068	2.581	ug/l	95
78) n-propylbenzene	13.035	91	22066	2.340	ug/l	97
79) 2-Chlorotoluene	13.129	91	14819	2.463	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	15236	2.295	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	1889m	2.080	ug/l	
82) 4-Chlorotoluene	13.223	91	14250	2.352	ug/l	99
83) tert-Butylbenzene	13.441	119	11908	2.018	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	14196	2.123	ug/l	100
85) sec-Butylbenzene	13.617	105	16911	2.148	ug/l	99
86) p-Isopropyltoluene	13.729	119	12890	1.980	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	8925	2.423	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	9869	2.653	ug/l	89
89) n-Butylbenzene	14.053	91	12025	2.037	ug/l	99
90) Hexachloroethane	14.329	117	3581	2.709	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	8659	2.398	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1301	2.576	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	3731	2.097	ug/l	92
94) Hexachlorobutadiene	15.500	225	2226	2.509	ug/l	84
95) Naphthalene	15.641	128	10474	1.776	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	3347	1.880	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
Data File : VN084386.D
Acq On : 10 Oct 2024 14:09
Operator : JC\MD
Sample : P4368-07 2.5PPB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

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

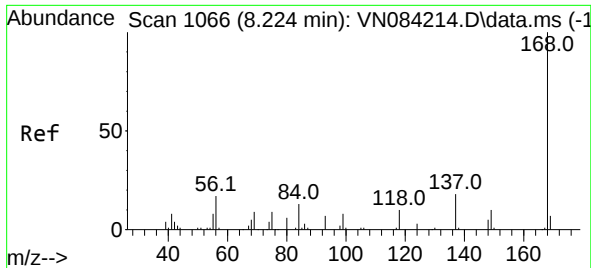
Manual Integrations
APPROVED

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

Quant Time: Oct 11 05:30:17 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

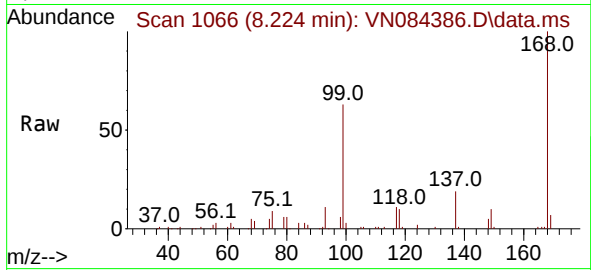
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

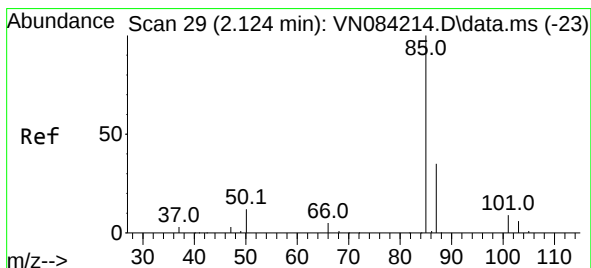
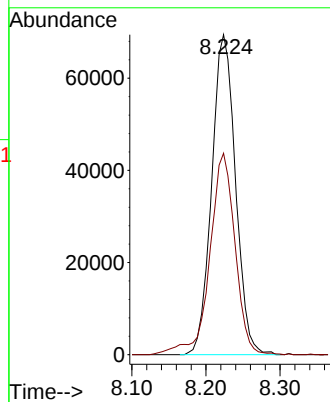
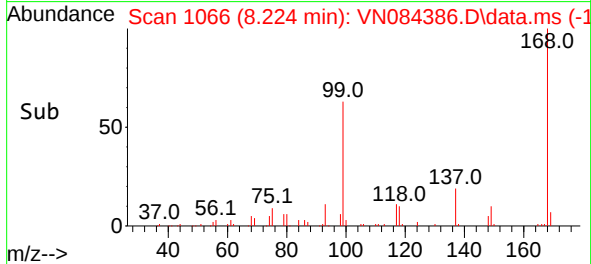
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:168 Resp: 15486
Ion Ratio Lower Upper
168 100
99 62.7 54.2 81.2

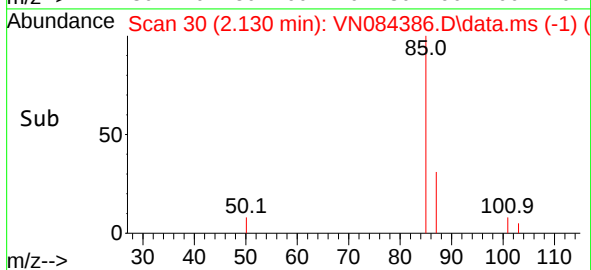
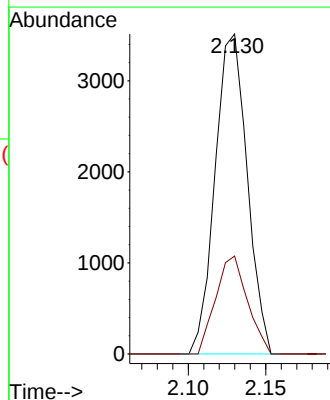
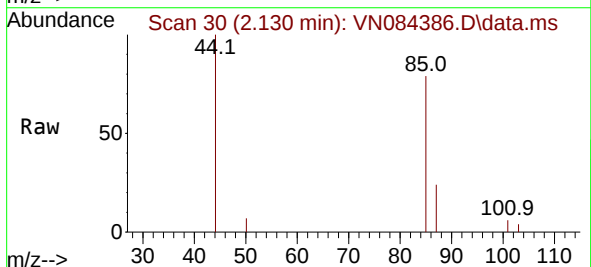
Manual Integrations
APPROVED

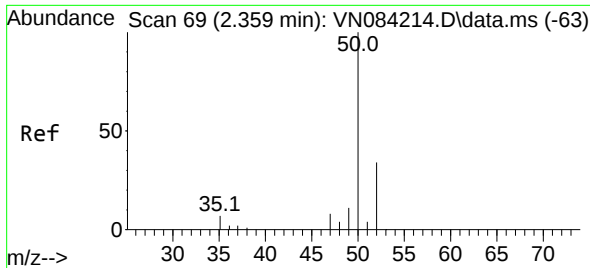
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#2
Dichlorodifluoromethane
Concen: 2.762 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

Tgt Ion: 85 Resp: 5059
Ion Ratio Lower Upper
85 100
87 30.6 17.6 52.9





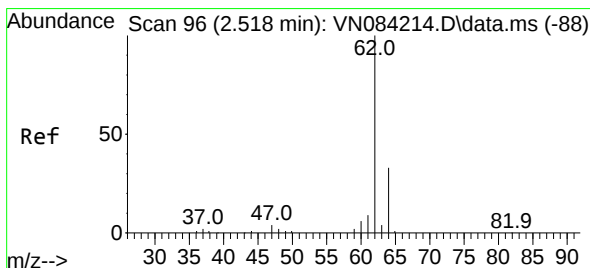
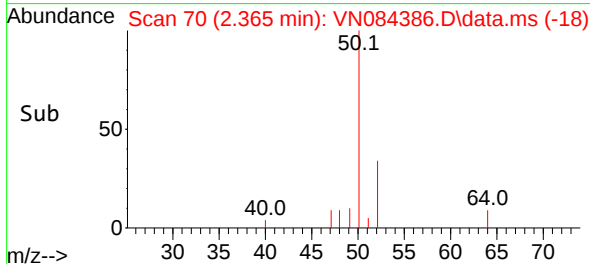
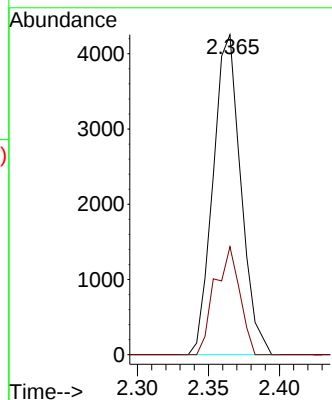
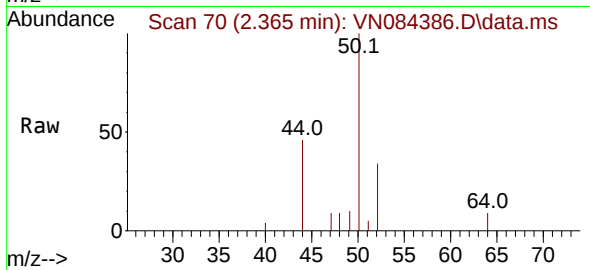
#3
Chloromethane
Concen: 2.771 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

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

Tgt Ion: 50 Resp: 579
Ion Ratio Lower Upper
50 100
52 33.8 26.8 40.2

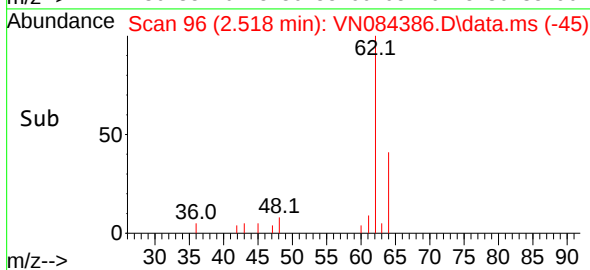
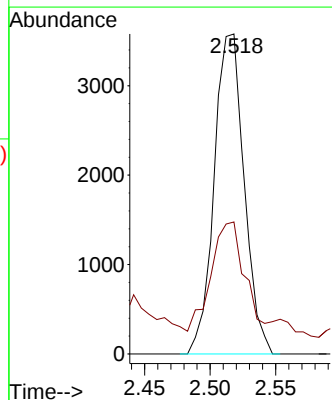
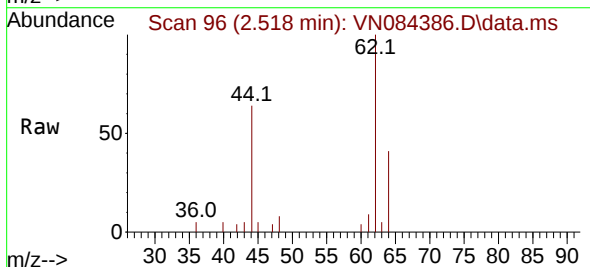
Manual Integrations
APPROVED

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



#4
Vinyl Chloride
Concen: 2.805 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

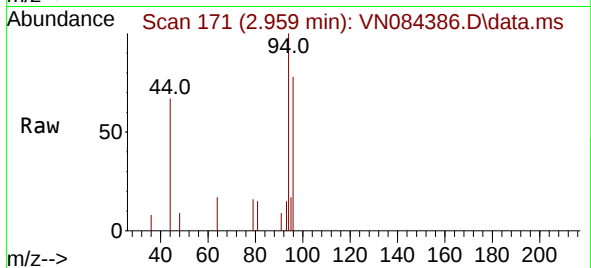
Tgt Ion: 62 Resp: 5683
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.4





#5
Bromomethane
Concen: 2.792 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

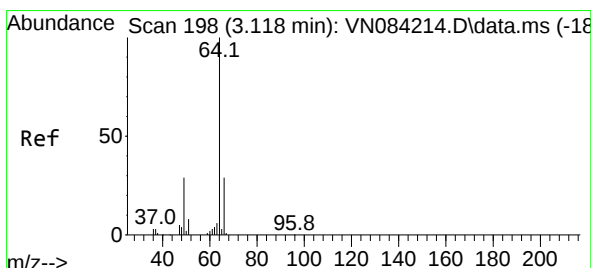
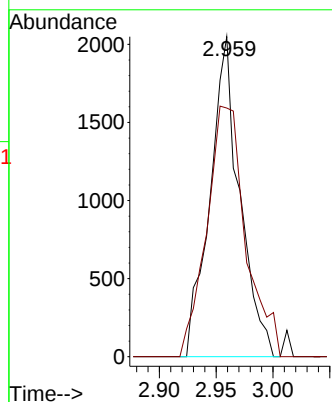
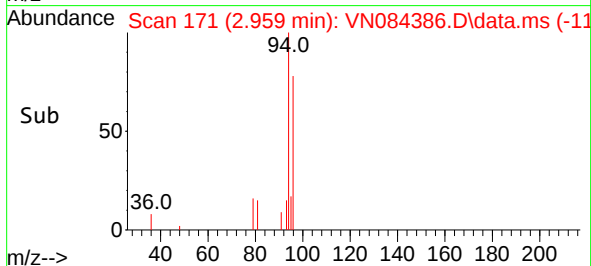
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 94 Resp: 373
Ion Ratio Lower Upper
94 100
96 77.7 72.9 109.3

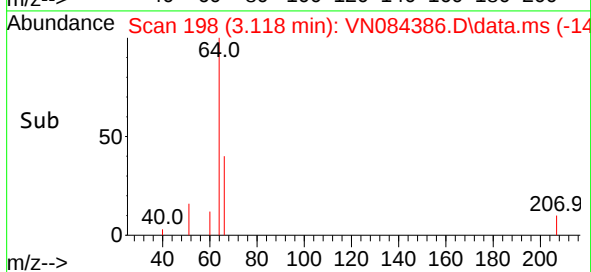
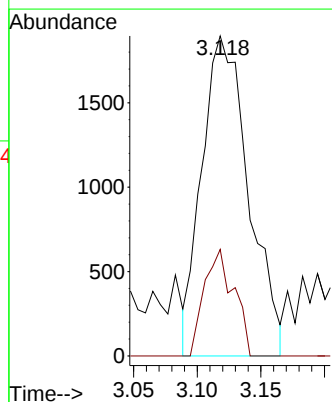
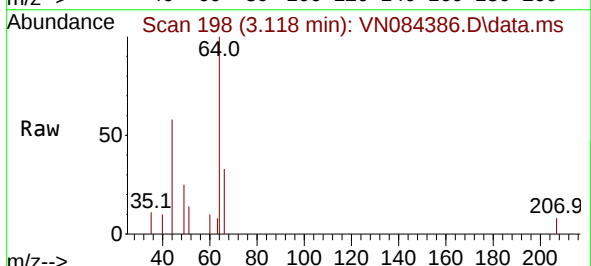
Manual Integrations
APPROVED

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



#6
Chloroethane
Concen: 3.341 ug/l m
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

Tgt Ion: 64 Resp: 4848
Ion Ratio Lower Upper
64 100
66 33.3 23.5 35.3





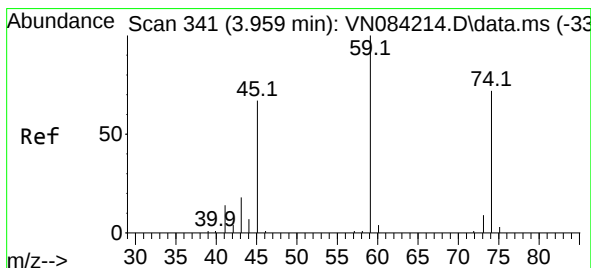
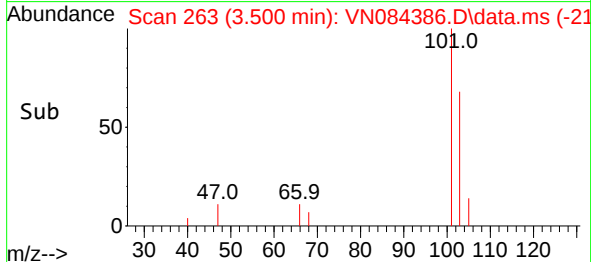
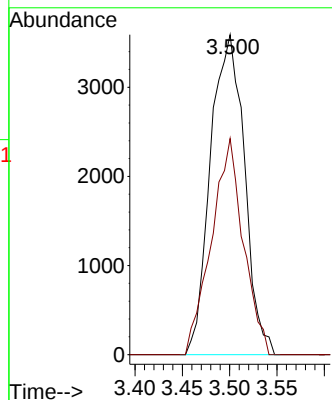
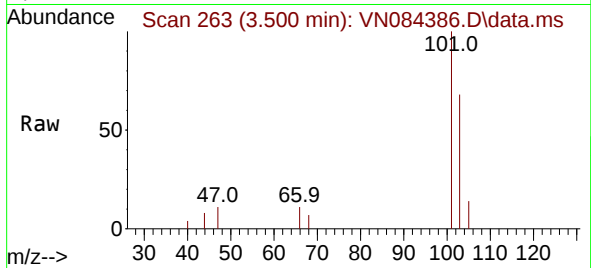
#7
Trichlorofluoromethane
Concen: 2.834 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

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

Tgt Ion:101 Resp: 894
Ion Ratio Lower Upper
101 100
103 67.5 51.8 77.6

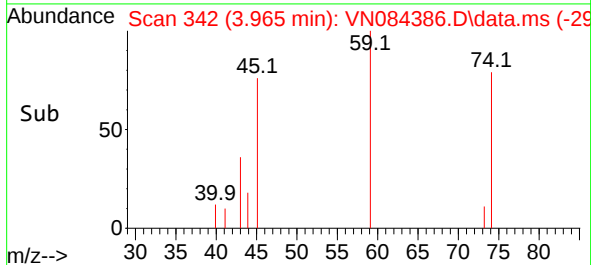
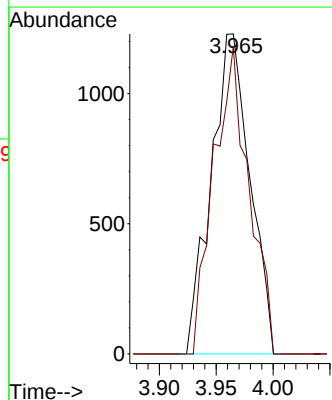
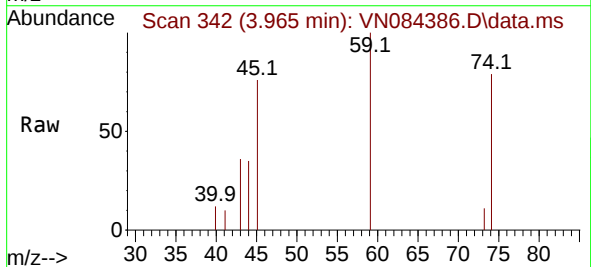
Manual Integrations
APPROVED

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



#8
Diethyl Ether
Concen: 2.499 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

Tgt Ion: 74 Resp: 2924
Ion Ratio Lower Upper
74 100
45 87.3 47.7 143.1





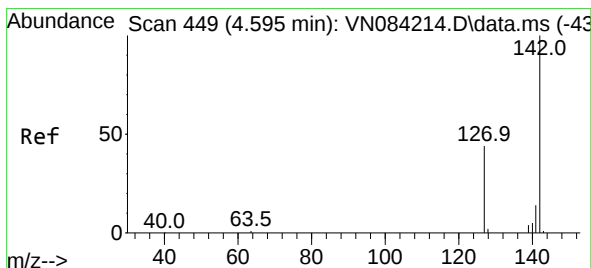
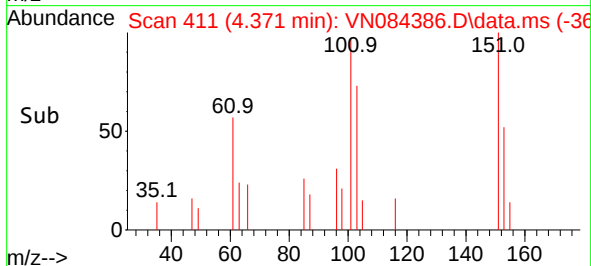
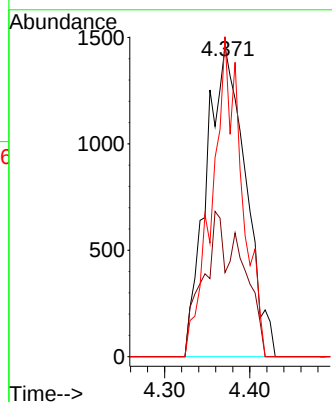
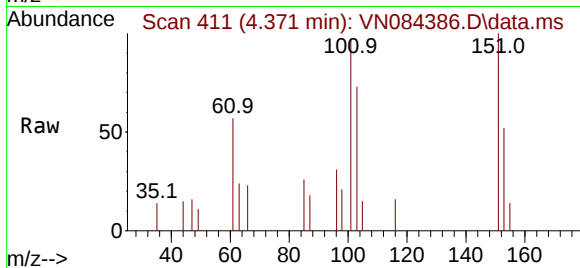
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.575 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

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

Tgt Ion:101 Resp: 465
Ion Ratio Lower Upper
101 100
85 28.9 36.2 54.4
151 79.0 59.3 88.9

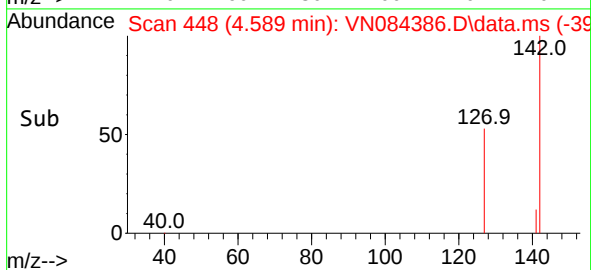
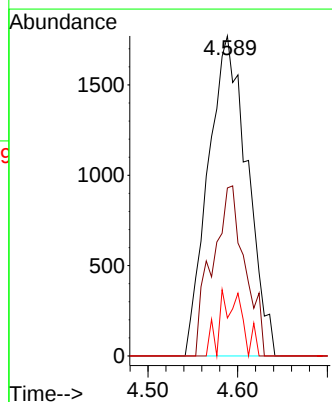
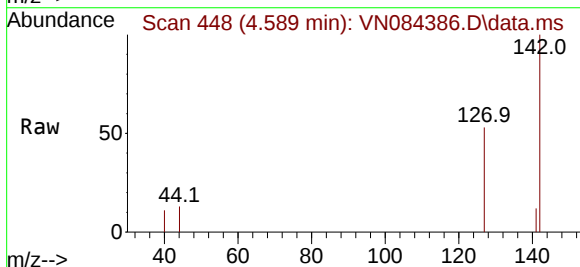
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 2.301 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

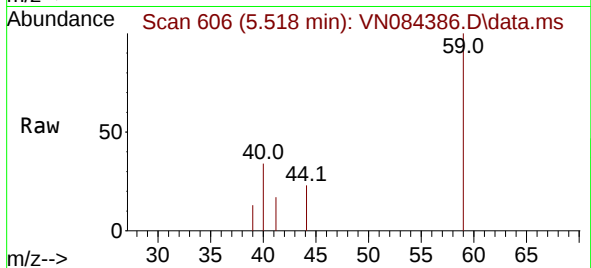
Tgt Ion:142 Resp: 5357
Ion Ratio Lower Upper
142 100
127 52.5 35.3 52.9
141 11.9 11.0 16.6





#11
Tert butyl alcohol
Concen: 12.258 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

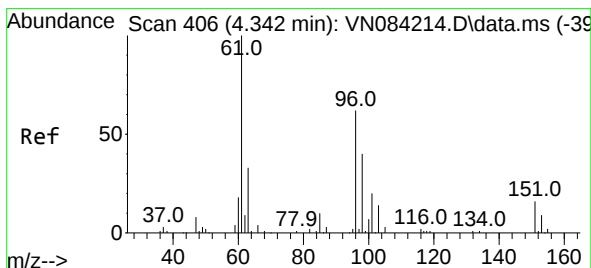
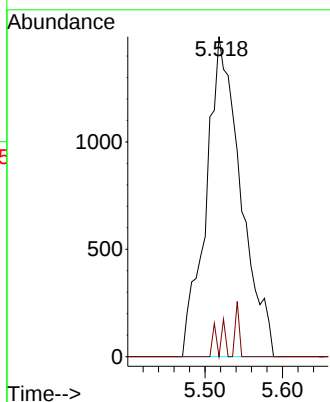
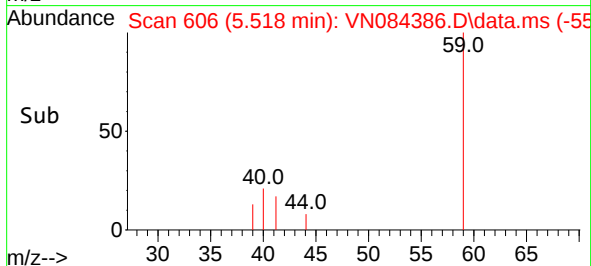
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



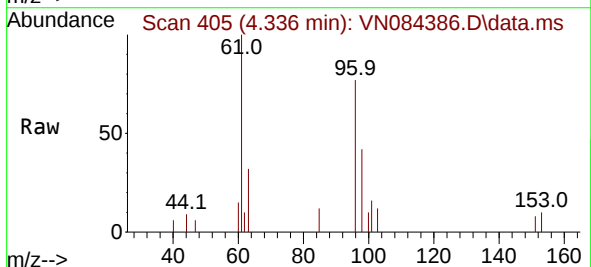
Tgt Ion: 59 Resp: 464
Ion Ratio Lower Upper
59 100
57 1.2 8.2 12.2

Manual Integrations
APPROVED

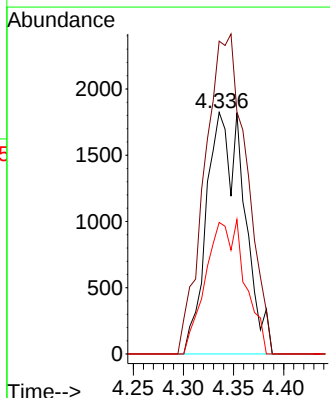
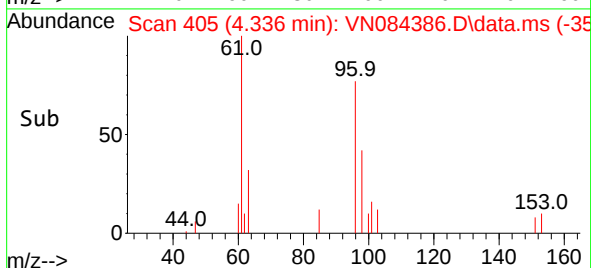
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#12
1,1-Dichloroethene
Concen: 2.726 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09



Tgt Ion: 96 Resp: 4754
Ion Ratio Lower Upper
96 100
61 129.5 128.6 192.8
98 54.5 51.7 77.5





#13

Acrolein

Concen: 7.500 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN084386.D

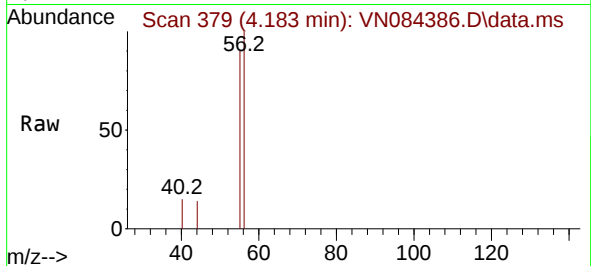
Acq: 10 Oct 2024 14:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 56 Resp: 3260

Ion Ratio Lower Upper

56 100

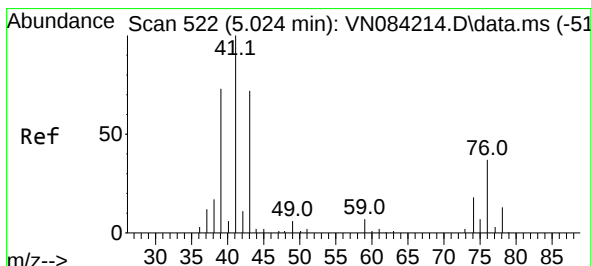
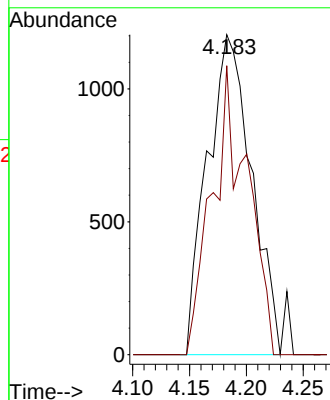
55 72.3 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#14

Allyl chloride

Concen: 2.384 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN084386.D

Acq: 10 Oct 2024 14:09

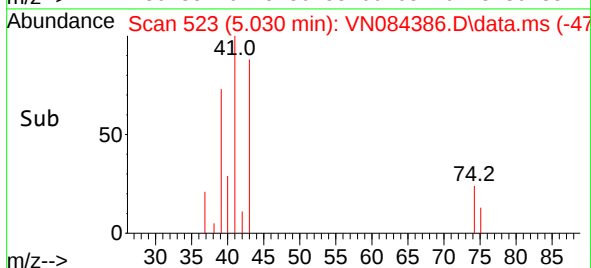
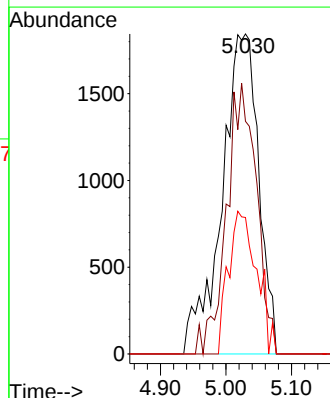
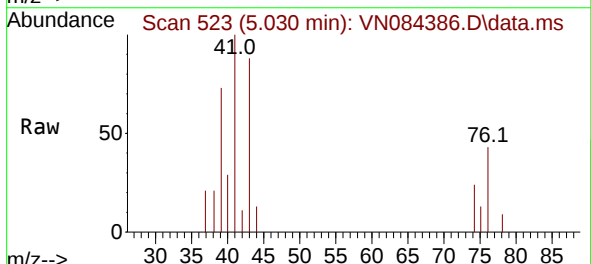
Tgt Ion: 41 Resp: 7218

Ion Ratio Lower Upper

41 100

39 68.4 59.0 88.6

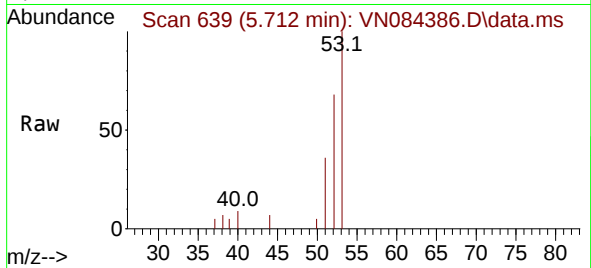
76 34.3 29.8 44.6





#15
Acrylonitrile
Concen: 12.296 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

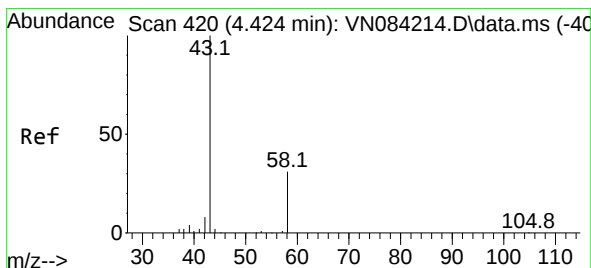
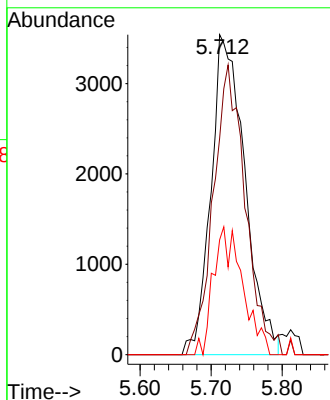
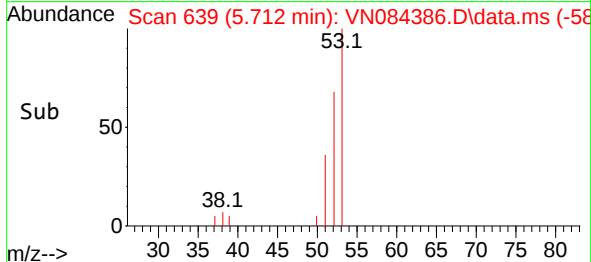
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



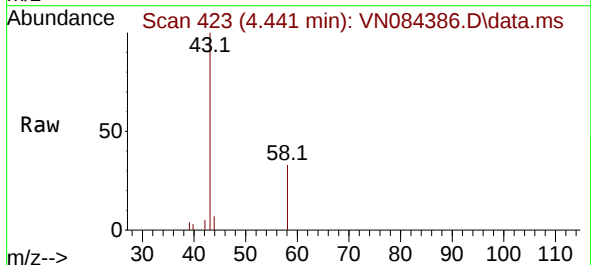
Tgt Ion: 53 Resp: 11750
Ion Ratio Lower Upper
53 100
52 85.0 66.2 99.4
51 34.5 28.8 43.2

Manual Integrations
APPROVED

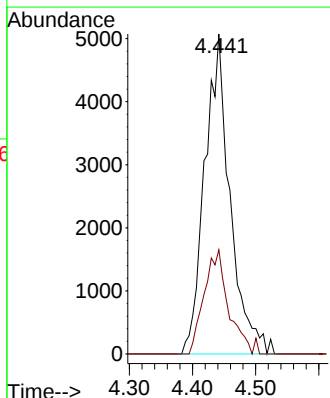
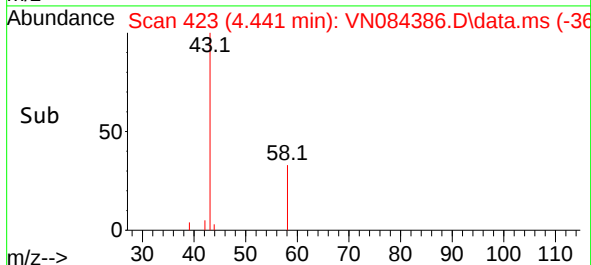
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

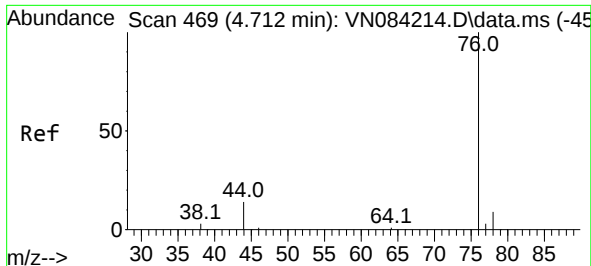


#16
Acetone
Concen: 14.346 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09



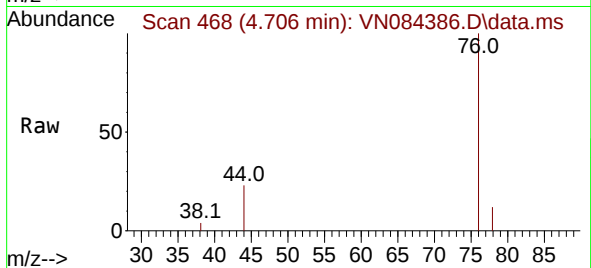
Tgt Ion: 43 Resp: 14150
Ion Ratio Lower Upper
43 100
58 32.6 24.4 36.6





#17
Carbon Disulfide
Concen: 2.520 ug/l
RT: 4.706 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

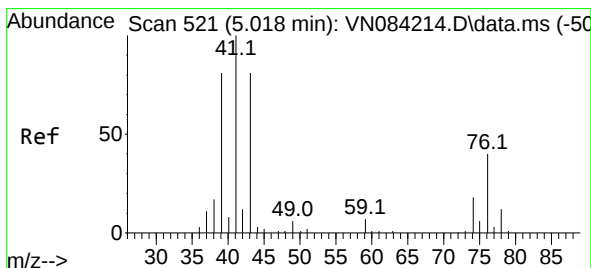
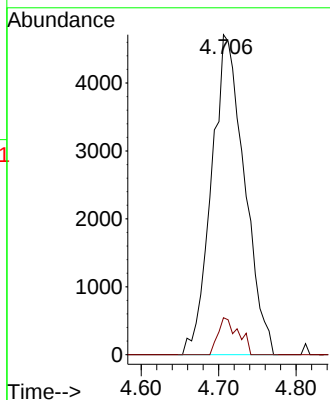
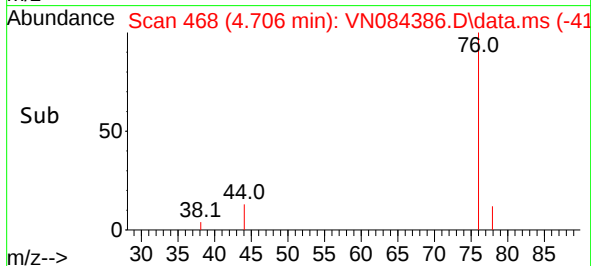
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 76 Resp: 13912
Ion Ratio Lower Upper
76 100
78 11.6 7.3 10.9

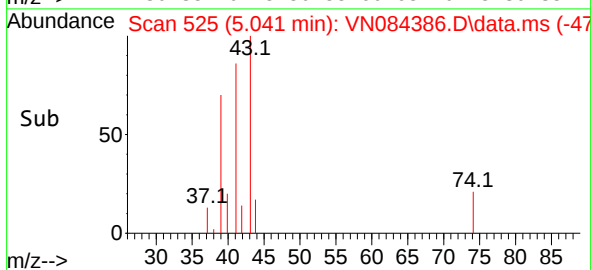
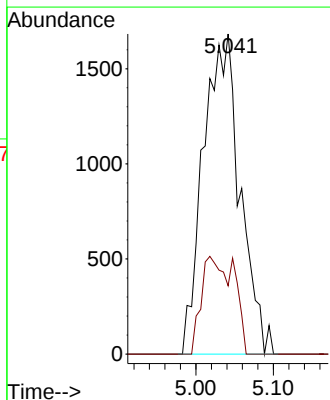
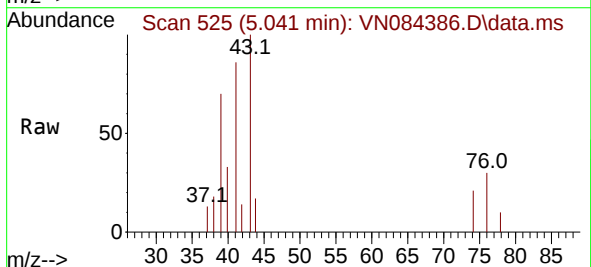
Manual Integrations
APPROVED

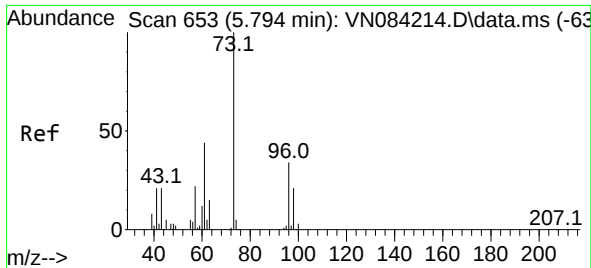
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#18
Methyl Acetate
Concen: 2.575 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.023 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

Tgt Ion: 43 Resp: 5536
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8





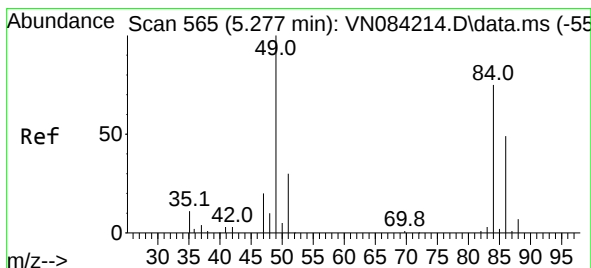
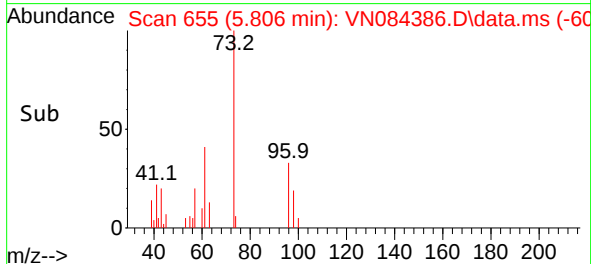
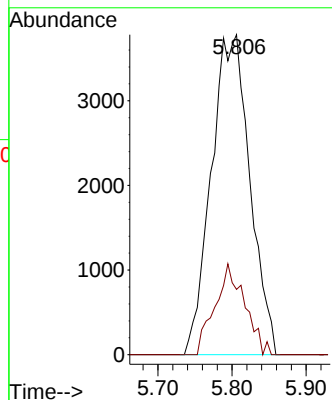
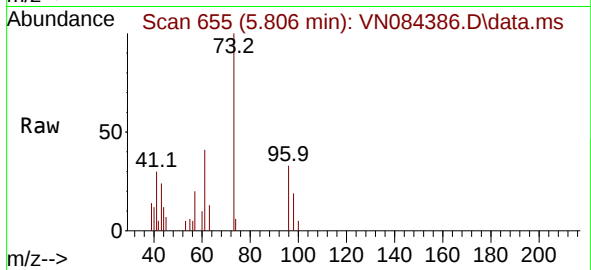
#19
Methyl tert-butyl Ether
Concen: 2.325 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

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

Tgt Ion: 73 Resp: 1368
Ion Ratio Lower Upper
73 100
57 20.4 17.7 26.5

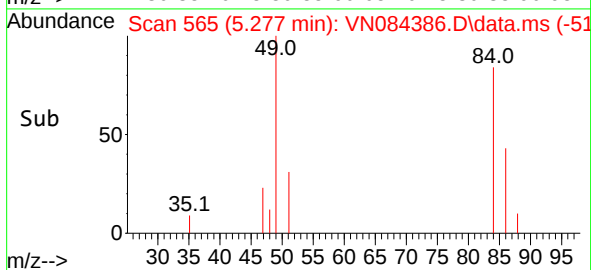
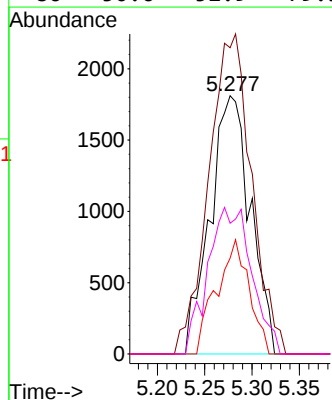
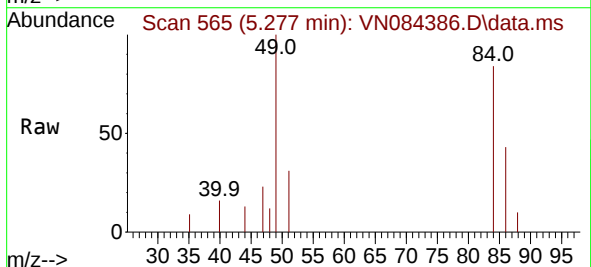
Manual Integrations
APPROVED

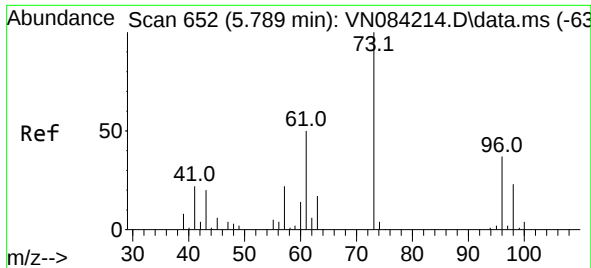
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#20
Methylene Chloride
Concen: 2.684 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

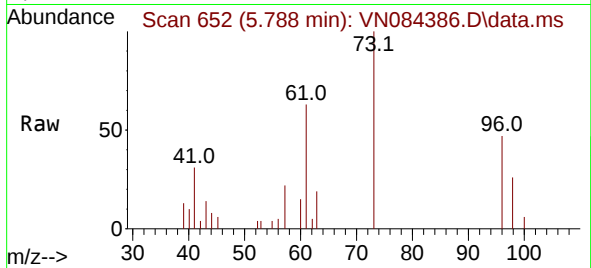
Tgt Ion: 84 Resp: 5382
Ion Ratio Lower Upper
84 100
49 109.4 107.2 160.8
51 37.1 31.8 47.8
86 50.6 52.9 79.3#





#21
trans-1,2-Dichloroethene
Concen: 2.635 ug/l
RT: 5.788 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

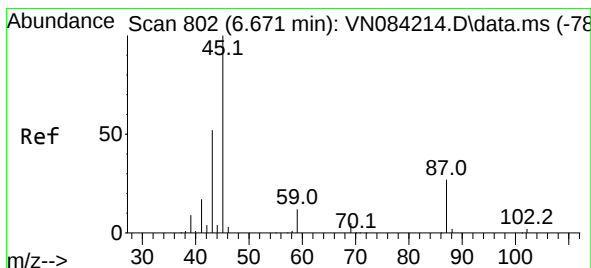
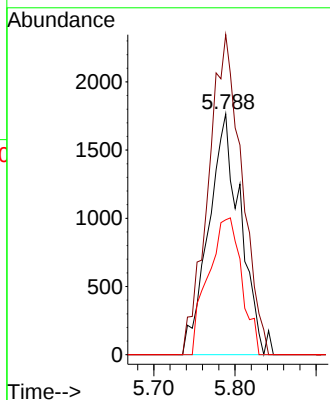
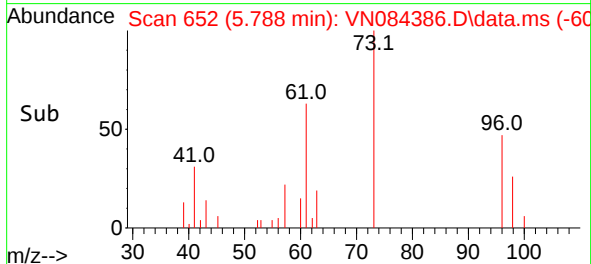
Instrument : MSVOA_N
Client SampleId : LOD-MDL-WATER-01-QT4-2024



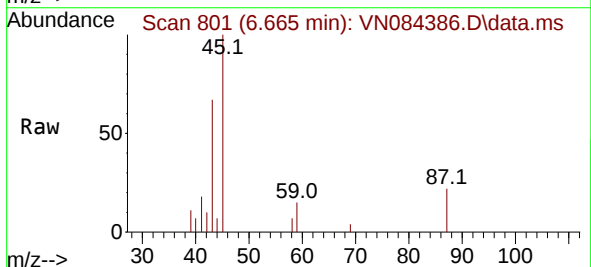
Tgt Ion: 96 Resp: 4814
Ion Ratio Lower Upper
96 100
61 132.8 108.4 162.6
98 56.0 49.8 74.8

Manual Integrations
APPROVED

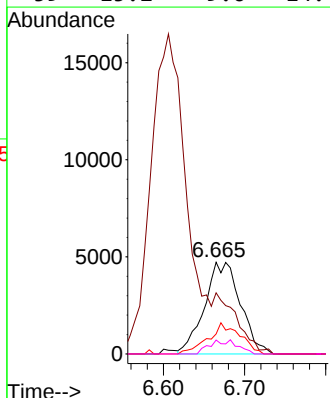
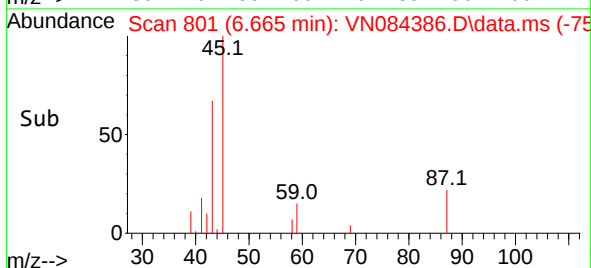
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

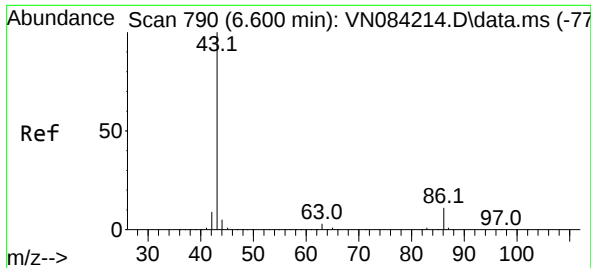


#22
Diisopropyl ether
Concen: 2.323 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09



Tgt Ion: 45 Resp: 14550
Ion Ratio Lower Upper
45 100
43 66.8 42.3 63.5#
87 21.8 21.8 32.6
59 15.2 9.6 14.4#





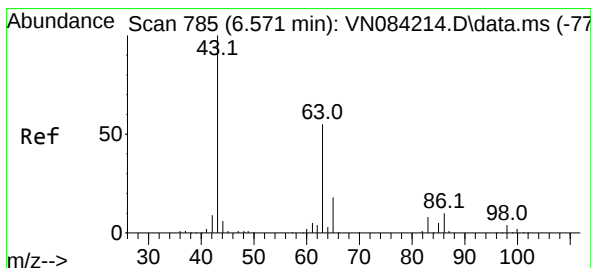
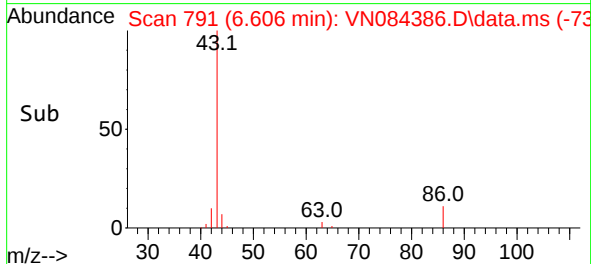
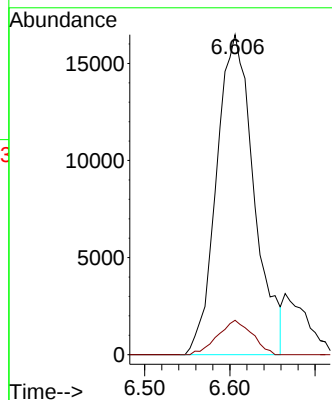
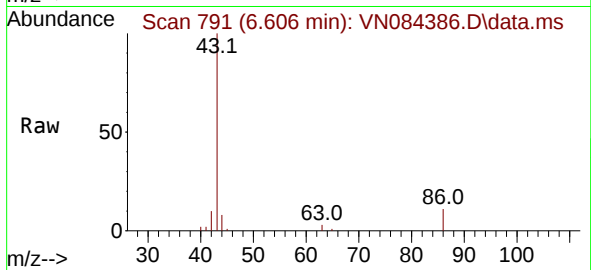
#23
 Vinyl Acetate
 Concen: 10.831 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN084386.D
 Acq: 10 Oct 2024 14:09

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

Tgt Ion: 43 Resp: 50319
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8

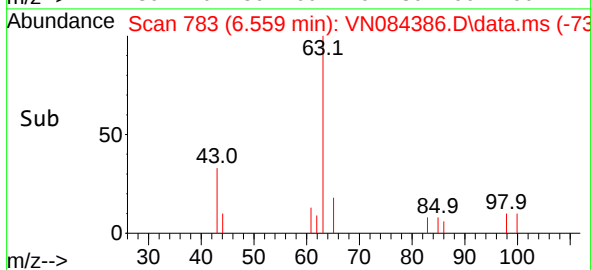
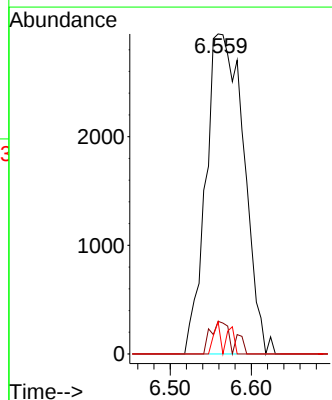
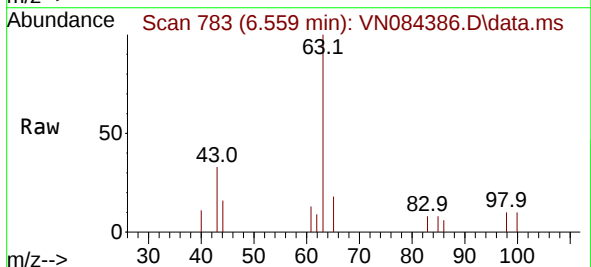
Manual Integrations
 APPROVED

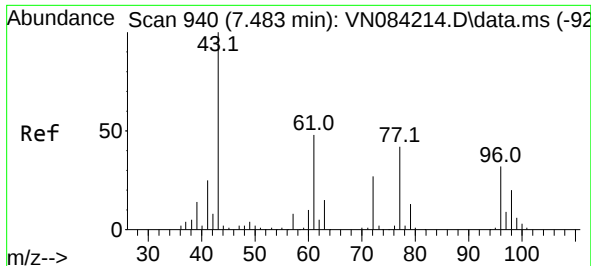
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#24
 1,1-Dichloroethane
 Concen: 2.724 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN084386.D
 Acq: 10 Oct 2024 14:09

Tgt Ion: 63 Resp: 9543
 Ion Ratio Lower Upper
 63 100
 98 10.2 3.4 10.2#
 100 10.1 2.0 5.8#





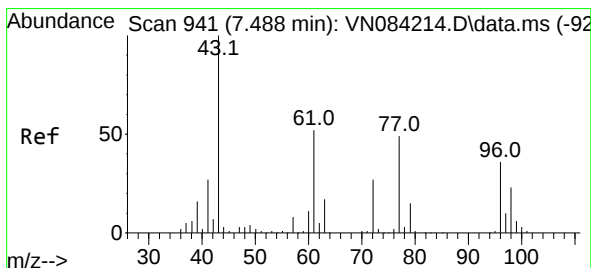
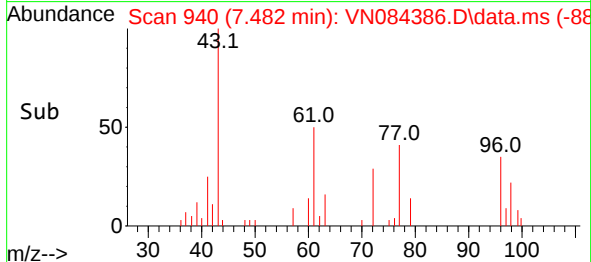
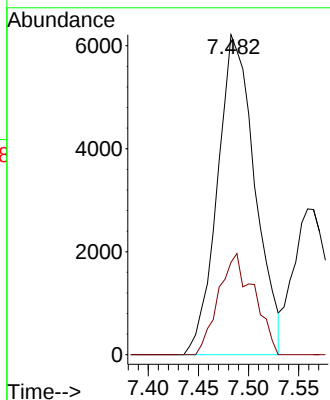
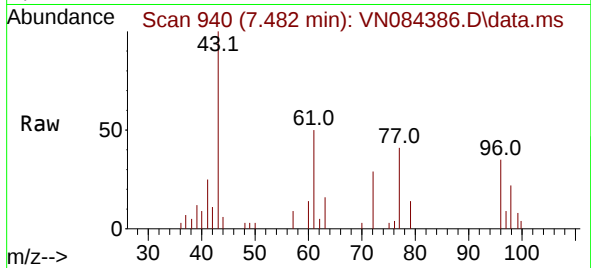
#25
2-Butanone
Concen: 12.044 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

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

Tgt Ion: 43 Resp: 1618
Ion Ratio Lower Upper
43 100
72 28.8 21.4 32.2

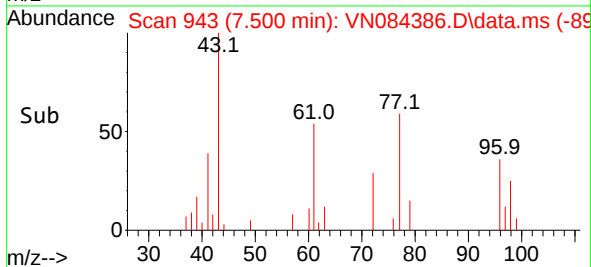
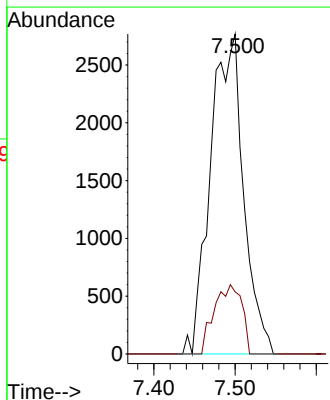
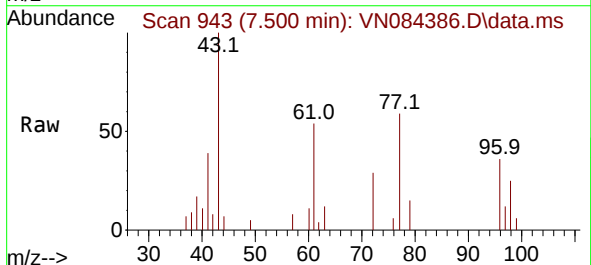
Manual Integrations
APPROVED

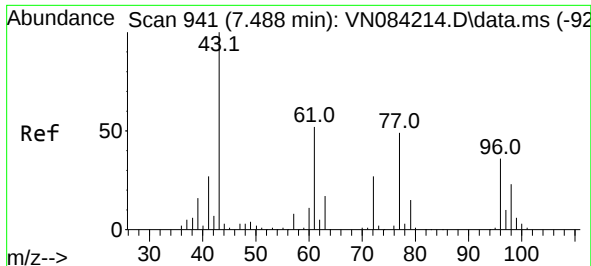
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#26
2,2-Dichloropropane
Concen: 2.484 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

Tgt Ion: 77 Resp: 7844
Ion Ratio Lower Upper
77 100
97 18.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 2.569 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN084386.D

Acq: 10 Oct 2024 14:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

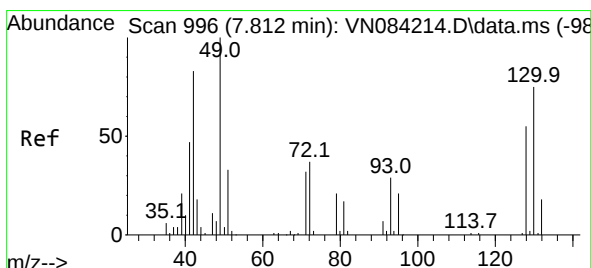
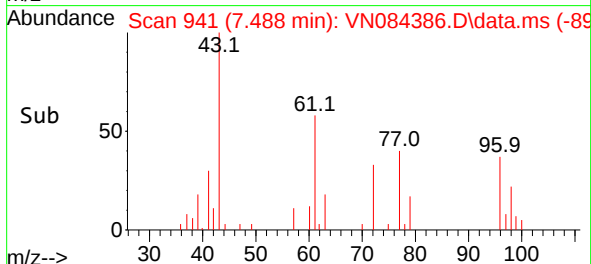
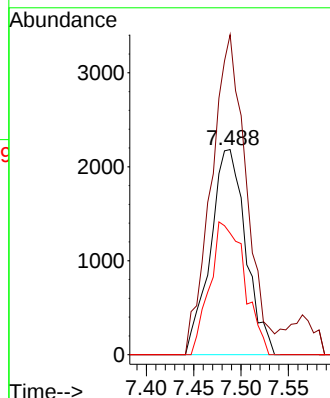
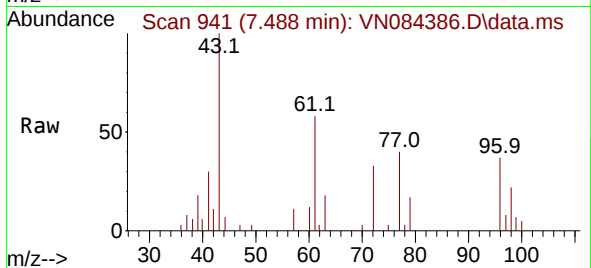
Tgt Ion: 96	Resp: 5670
Ion Ratio	Lower Upper
96 100	
61 154.2	0.0 301.8
98 63.7	0.0 128.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#28

Bromochloromethane

Concen: 2.918 ug/l

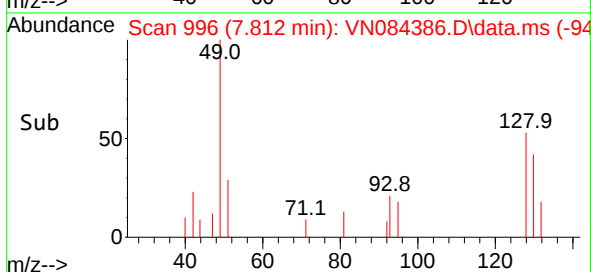
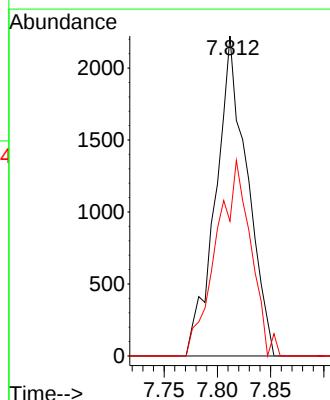
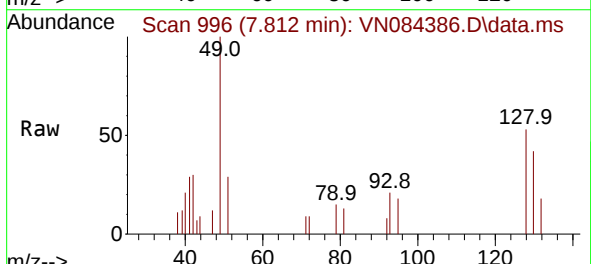
RT: 7.812 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN084386.D

Acq: 10 Oct 2024 14:09

Tgt Ion: 49	Resp: 4560
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.6
130 67.1	58.0 87.0





#29

Tetrahydrofuran

Concen: 11.193 ug/l

RT: 7.847 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN084386.D

Acq: 10 Oct 2024 14:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

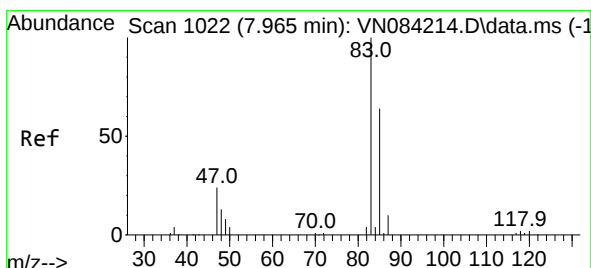
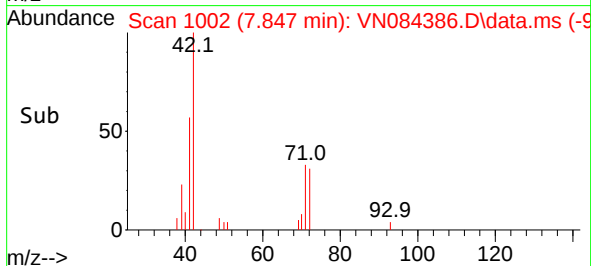
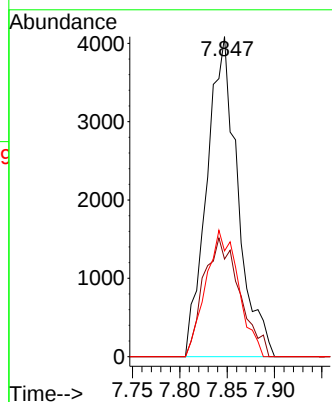
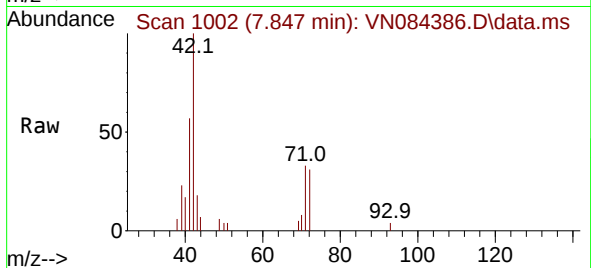
Tgt Ion:	42	Resp:	9280
Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.6	51.8
71	41.5	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#30

Chloroform

Concen: 2.768 ug/l

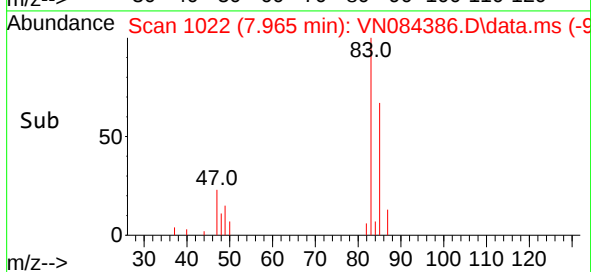
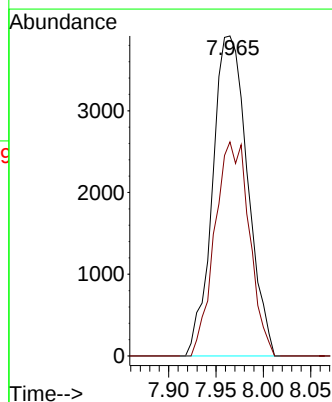
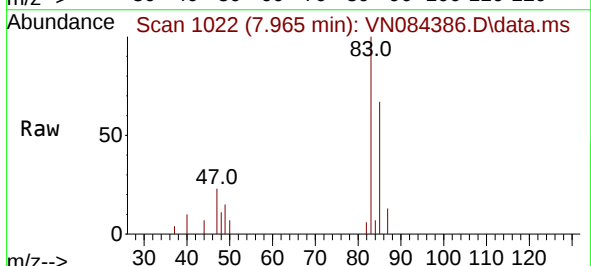
RT: 7.965 min Scan# 1022

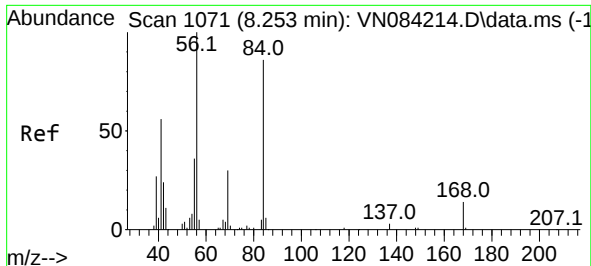
Delta R.T. -0.000 min

Lab File: VN084386.D

Acq: 10 Oct 2024 14:09

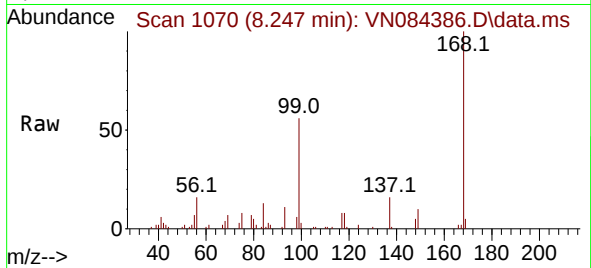
Tgt Ion:	83	Resp:	10070
Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.0	76.4





#31
Cyclohexane
Concen: 3.280 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

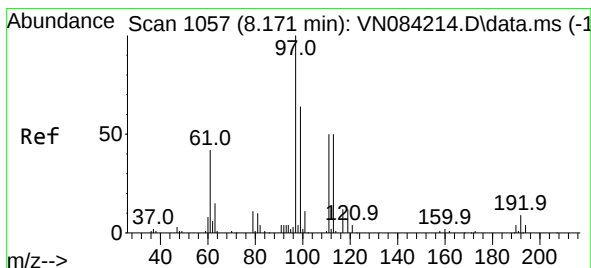
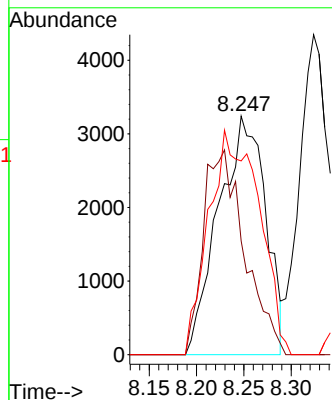
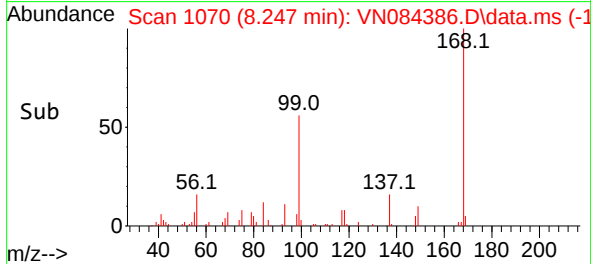
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 56 Resp: 1115
Ion Ratio Lower Upper
56 100
69 47.7 23.8 35.6
84 81.2 68.8 103.2

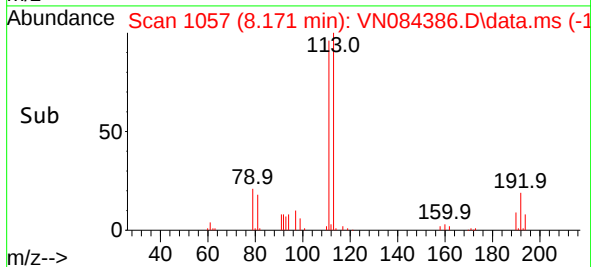
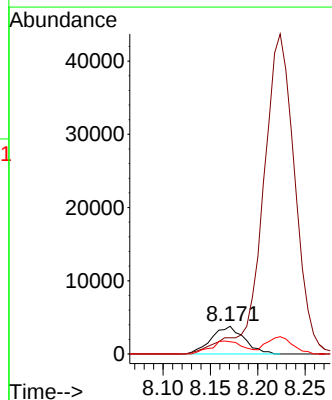
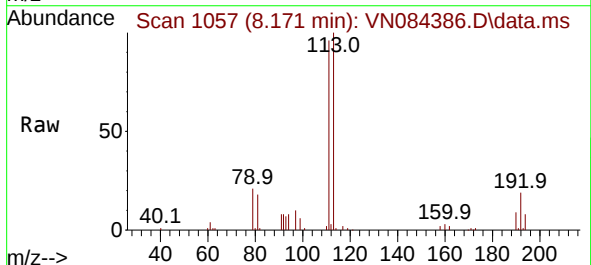
Manual Integrations
APPROVED

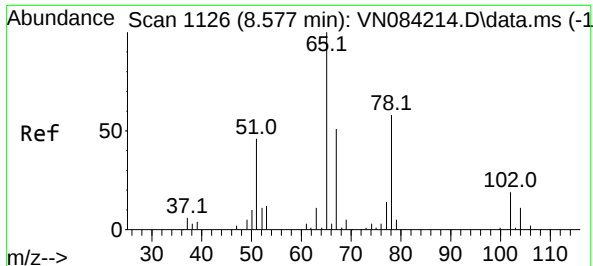
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#32
1,1,1-Trichloroethane
Concen: 2.773 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

Tgt Ion: 97 Resp: 9061
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8
61 47.3 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 53.701 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084386.D

Acq: 10 Oct 2024 14:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 65 Resp: 12330

Ion Ratio Lower Upper

65 100

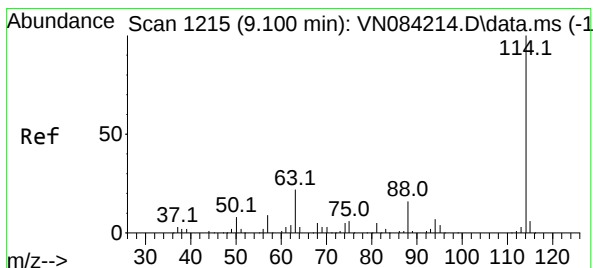
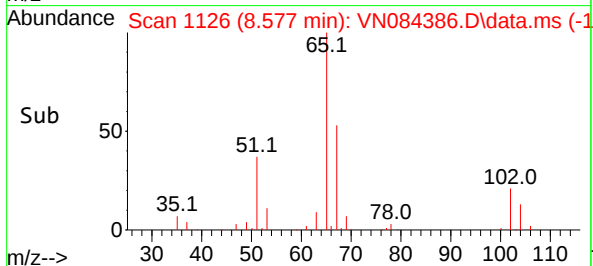
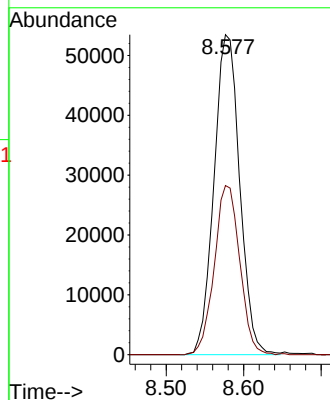
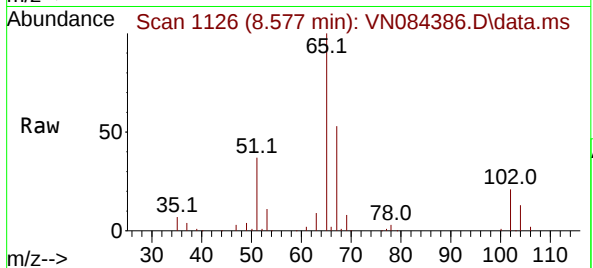
67 52.2 0.0 102.0

Manual Integrations

APPROVED

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: VN084386.D

Acq: 10 Oct 2024 14:09

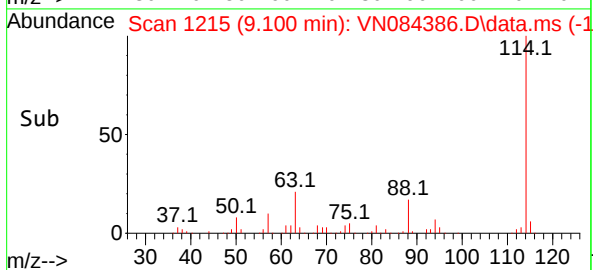
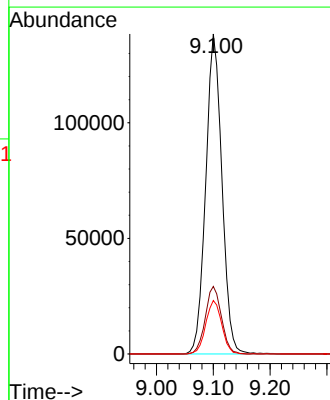
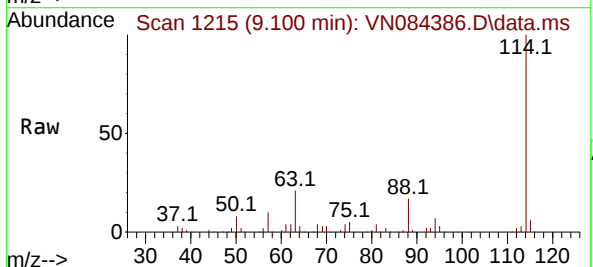
Tgt Ion:114 Resp: 273176

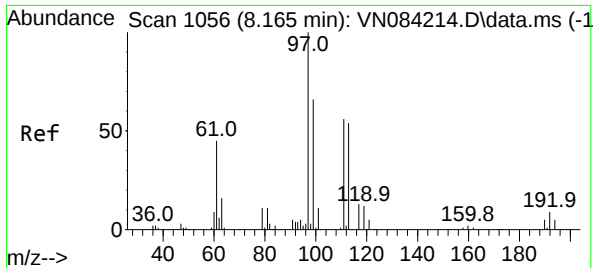
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.8

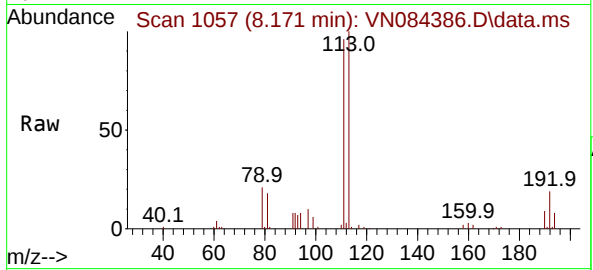
88 16.7 0.0 31.6





#35
Dibromofluoromethane
Concen: 53.401 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

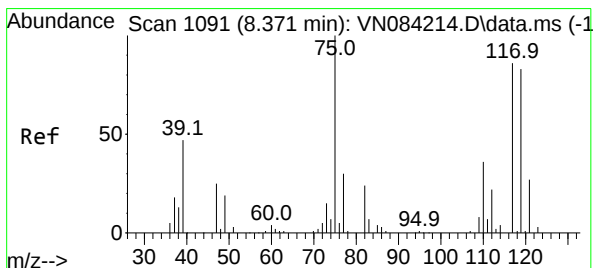
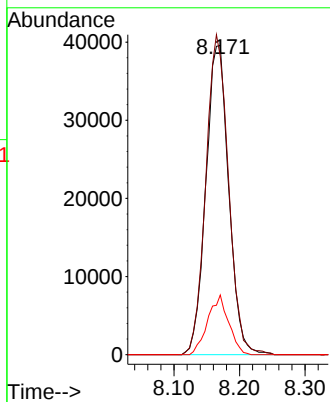
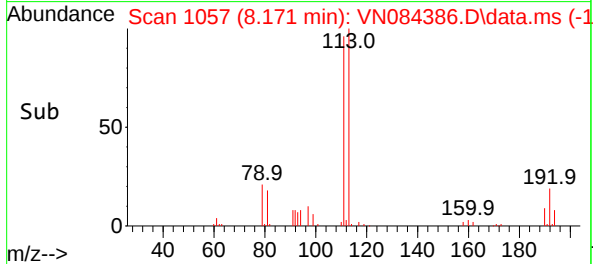
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



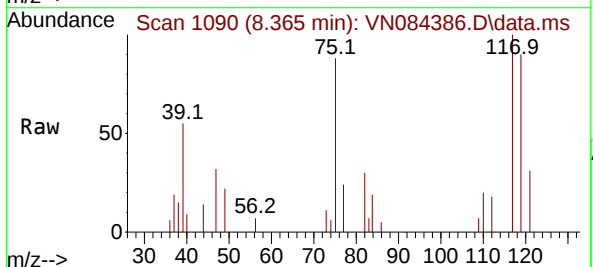
Tgt Ion: 113 Resp: 96172
Ion Ratio Lower Upper
113 100
111 102.2 83.3 124.9
192 17.6 13.5 20.3

Manual Integrations
APPROVED

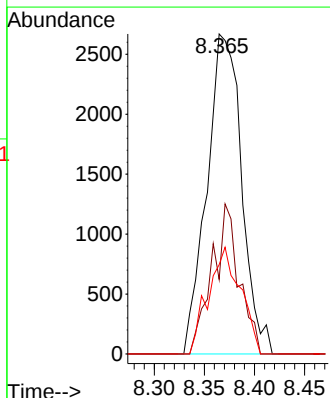
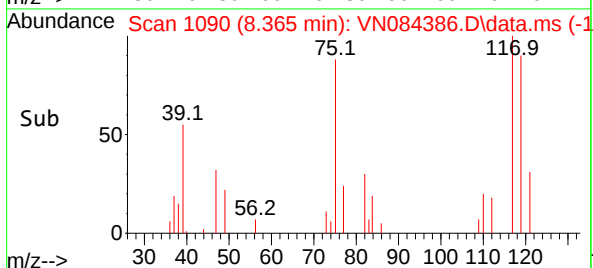
Reviewed By : John Carlone 10/11/2024
Supervised By : Mahesh Dadoda 10/14/2024

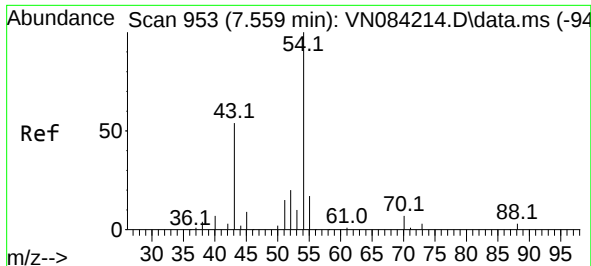


#36
1,1-Dichloropropene
Concen: 2.458 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09



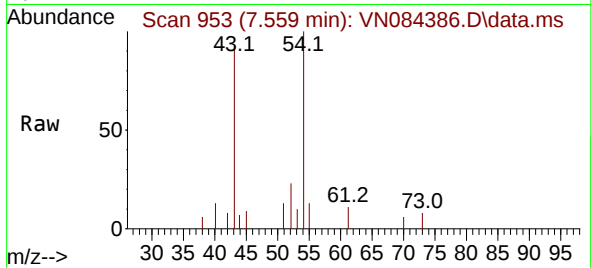
Tgt Ion: 75 Resp: 6430
Ion Ratio Lower Upper
75 100
110 36.5 16.9 50.7
77 30.9 24.7 37.1





#37
Ethyl Acetate
Concen: 2.789 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

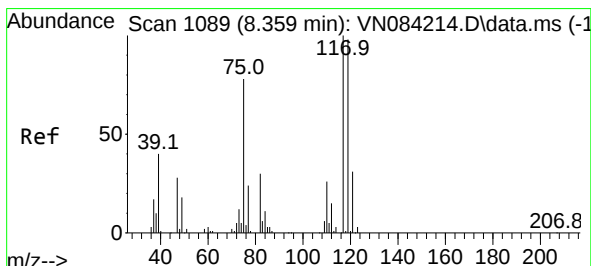
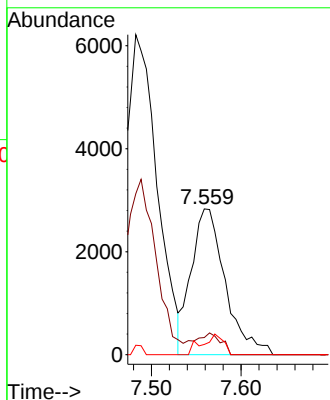
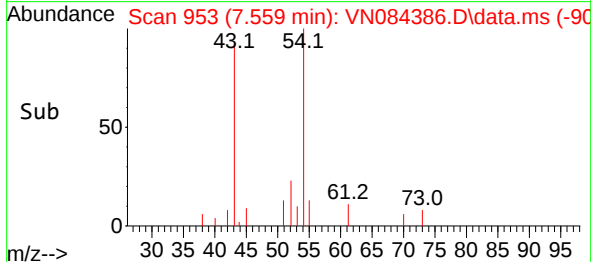
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



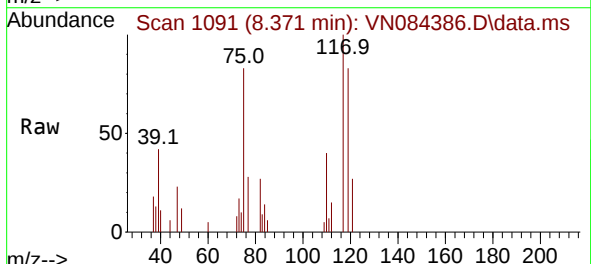
Tgt Ion: 43 Resp: 7484
Ion Ratio Lower Upper
43 100
61 9.1 10.7 16.1
70 8.7 8.8 13.2

Manual Integrations
APPROVED

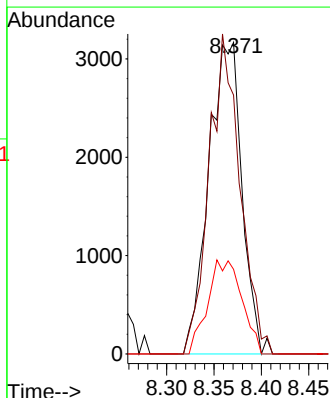
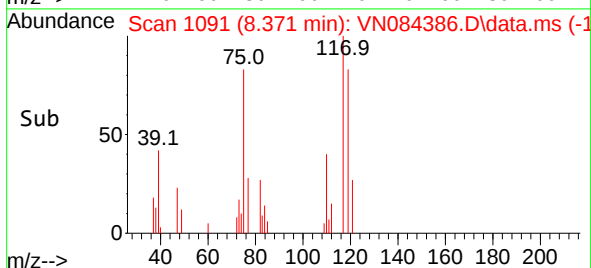
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#38
Carbon Tetrachloride
Concen: 2.692 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.012 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09



Tgt Ion:117 Resp: 7725
Ion Ratio Lower Upper
117 100
119 83.1 78.7 118.1
121 27.1 24.4 36.6





#39

Methylcyclohexane

Concen: 2.193 ug/l

RT: 9.594 min Scan# 11299

Delta R.T. -0.006 min

Lab File: VN084386.D

Acq: 10 Oct 2024 14:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

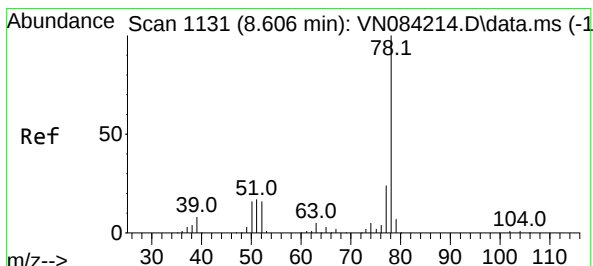
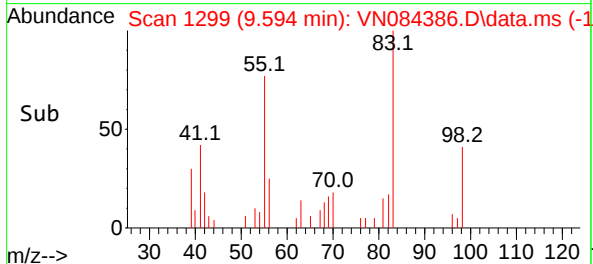
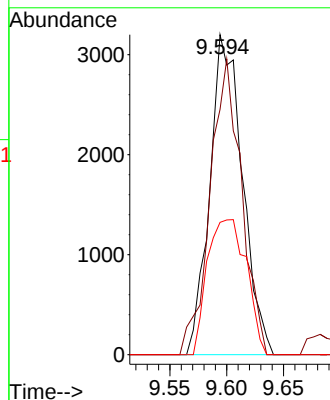
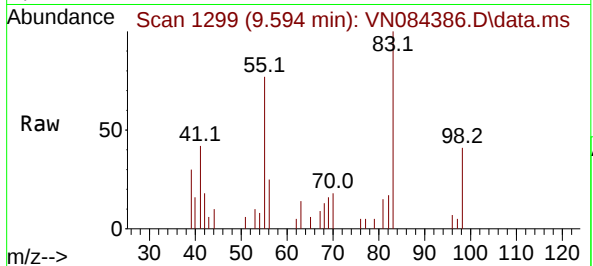
Tgt Ion: 83	Resp: 6384
Ion Ratio	Lower Upper
83 100	
55 76.7	62.8 94.2
98 41.4	38.8 58.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#40

Benzene

Concen: 2.568 ug/l

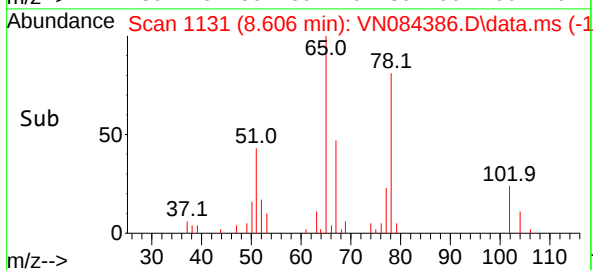
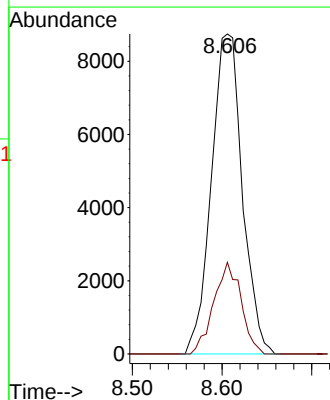
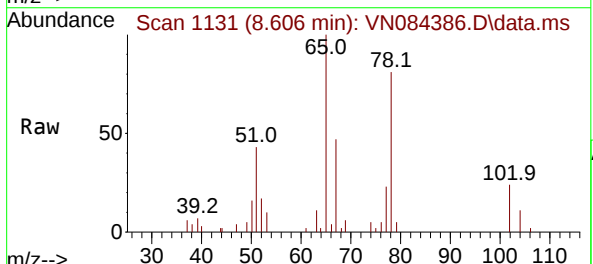
RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN084386.D

Acq: 10 Oct 2024 14:09

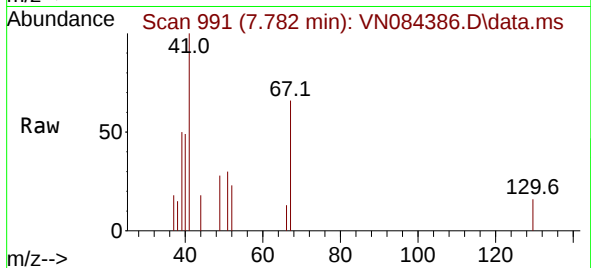
Tgt Ion: 78	Resp: 20927
Ion Ratio	Lower Upper
78 100	
77 28.6	19.1 28.7





#41
Methacrylonitrile
Concen: 2.202 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

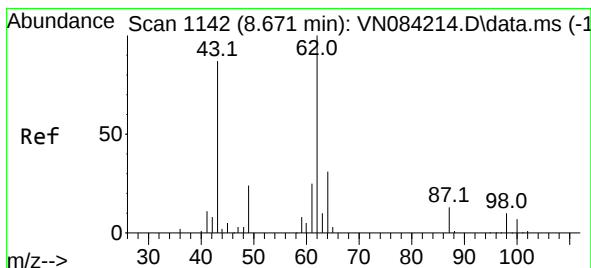
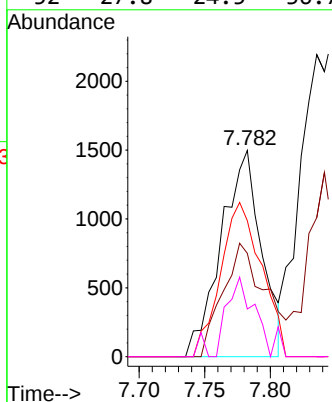
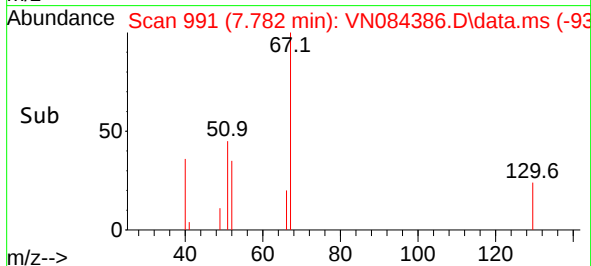
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 41 Resp: 3208
Ion Ratio Lower Upper
41 100
39 58.7 43.3 64.9
67 75.7 56.1 84.1
52 27.8 24.5 36.7

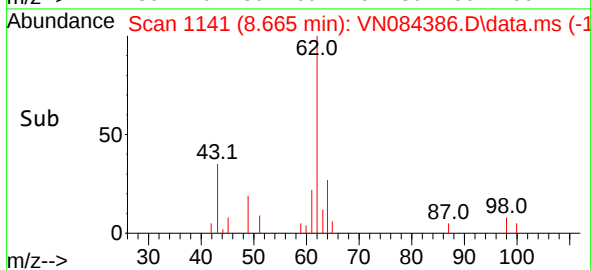
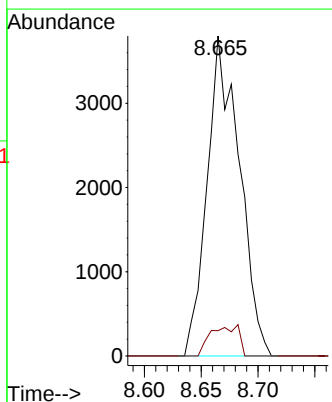
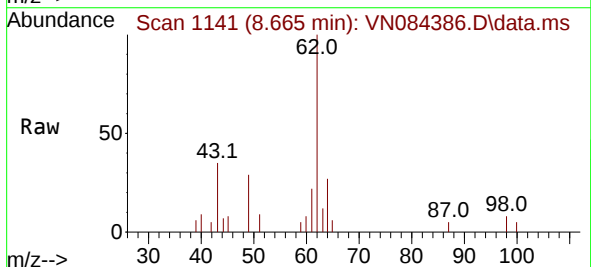
Manual Integrations
APPROVED

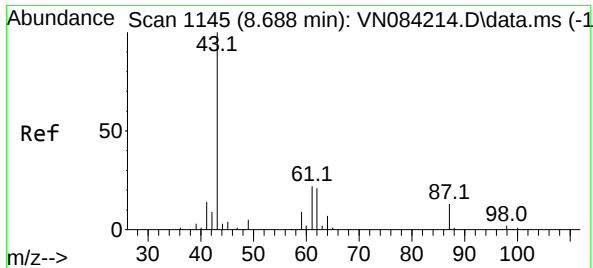
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#42
1,2-Dichloroethane
Concen: 2.716 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

Tgt Ion: 62 Resp: 7504
Ion Ratio Lower Upper
62 100
98 8.3 0.0 18.2





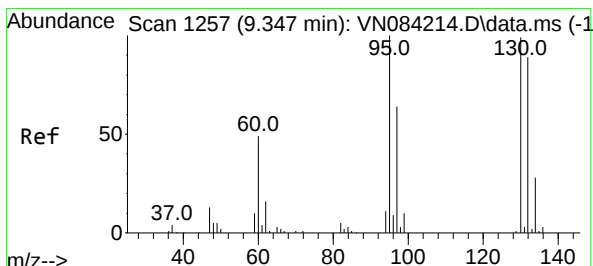
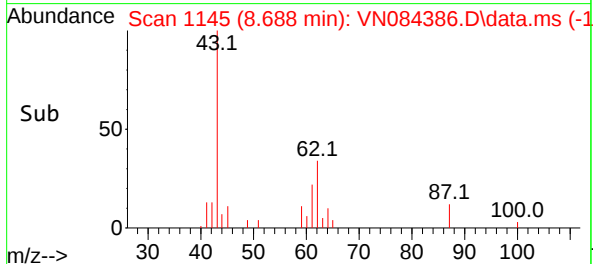
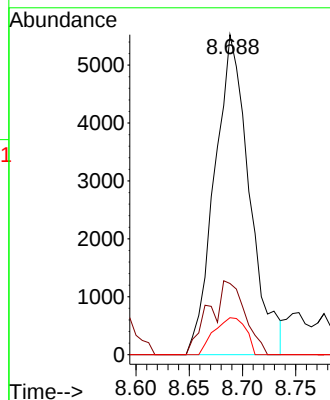
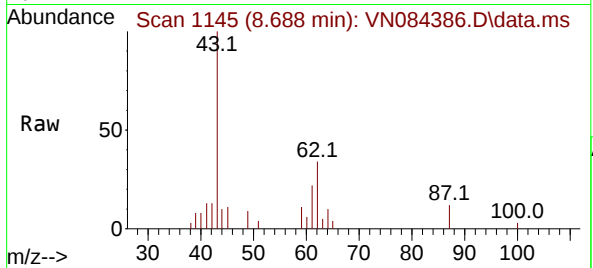
#43
Isopropyl Acetate
Concen: 2.388 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

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

Tgt Ion: 43 Resp: 1255
Ion Ratio Lower Upper
43 100
61 23.6 20.4 30.6
87 10.5 10.3 15.5

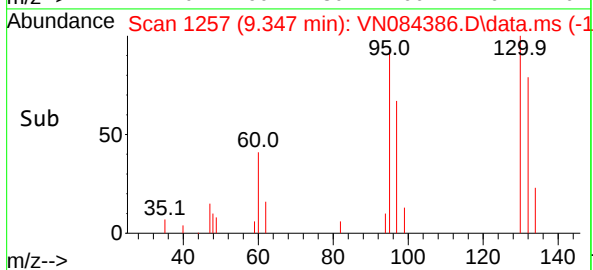
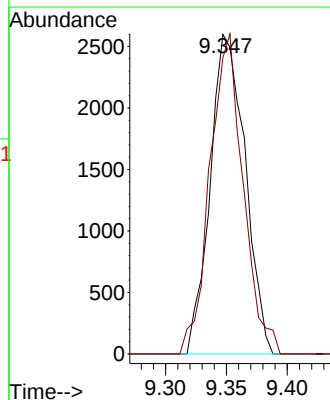
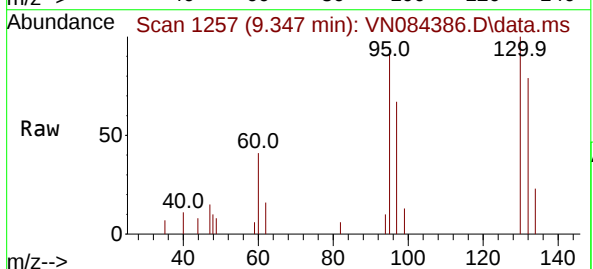
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 2.728 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

Tgt Ion:130 Resp: 5193
Ion Ratio Lower Upper
130 100
95 92.8 0.0 203.0





#45

1,2-Dichloropropane

Concen: 2.740 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084386.D

Acq: 10 Oct 2024 14:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 63 Resp: 528

Ion Ratio Lower Upper

63 100

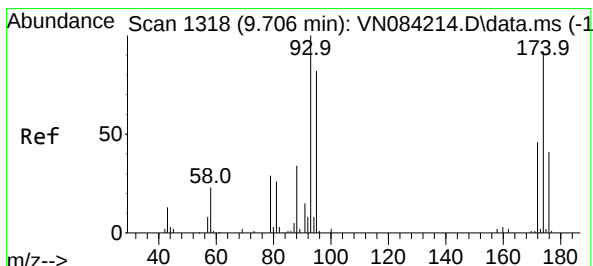
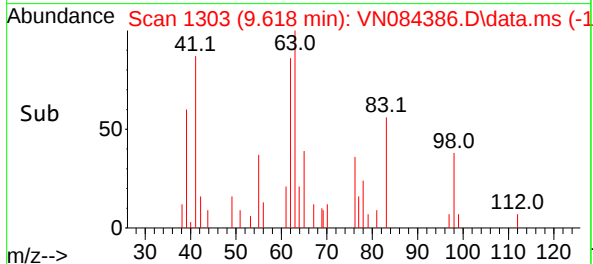
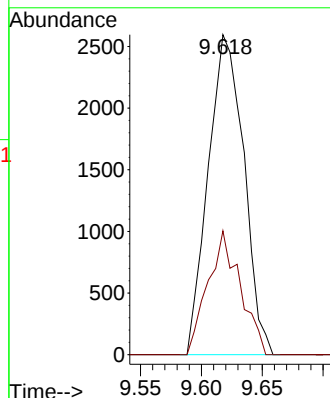
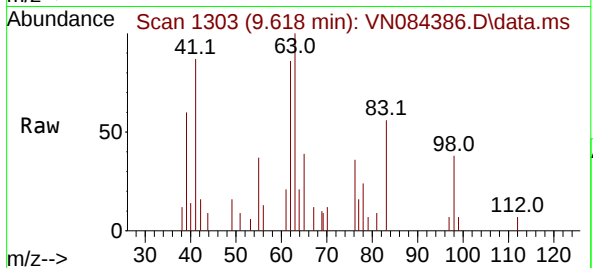
65 38.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#46

Dibromomethane

Concen: 2.993 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN084386.D

Acq: 10 Oct 2024 14:09

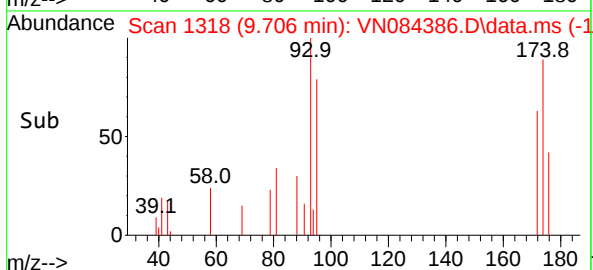
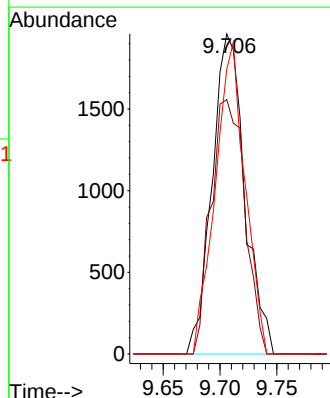
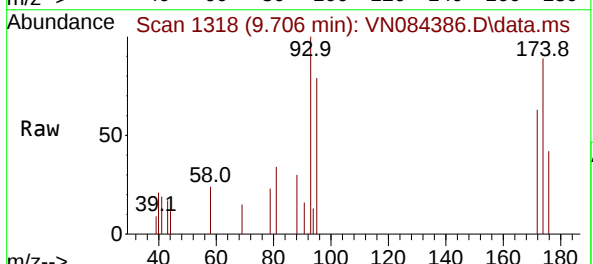
Tgt Ion: 93 Resp: 3894

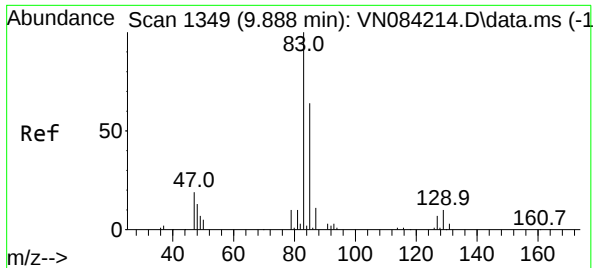
Ion Ratio Lower Upper

93 100

95 83.0 65.0 97.4

174 89.4 71.8 107.8





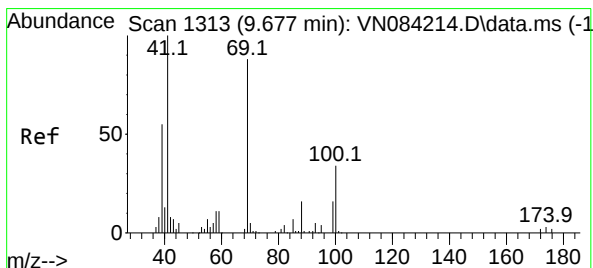
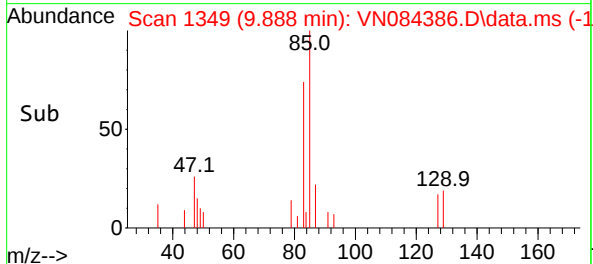
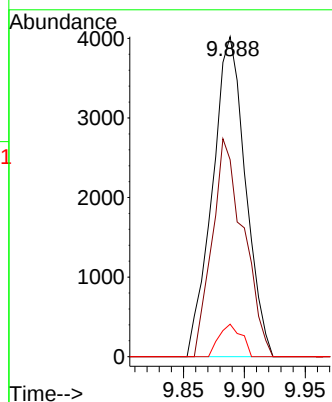
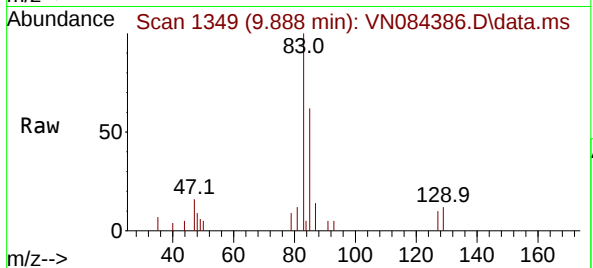
#47
Bromodichloromethane
Concen: 2.638 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

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

Tgt Ion: 83 Resp: 7620
Ion Ratio Lower Upper
83 100
85 61.5 51.5 77.3
127 10.2 5.7 8.5

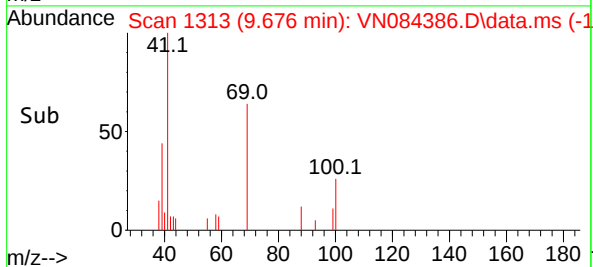
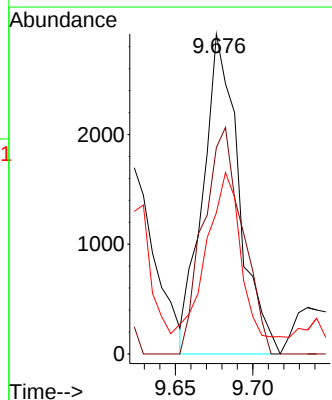
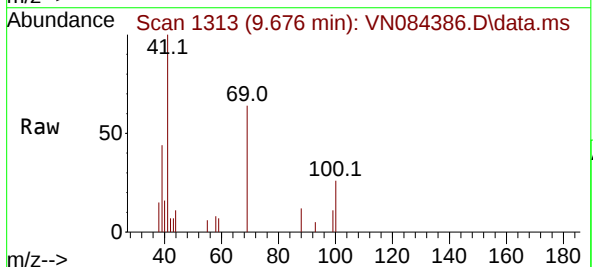
Manual Integrations
APPROVED

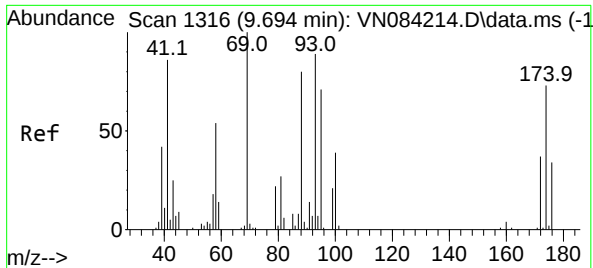
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#48
Methyl methacrylate
Concen: 2.247 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

Tgt Ion: 41 Resp: 4701
Ion Ratio Lower Upper
41 100
69 76.8 67.1 100.7
39 59.6 45.8 68.6





#49

1,4-Dioxane

Concen: 45.245 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN084386.D

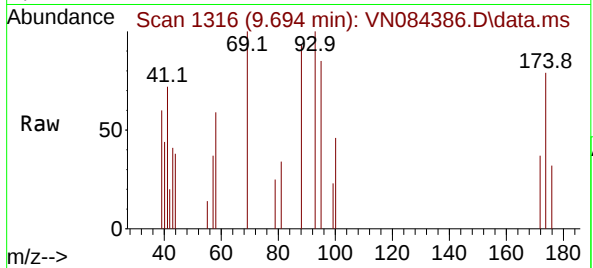
Acq: 10 Oct 2024 14:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



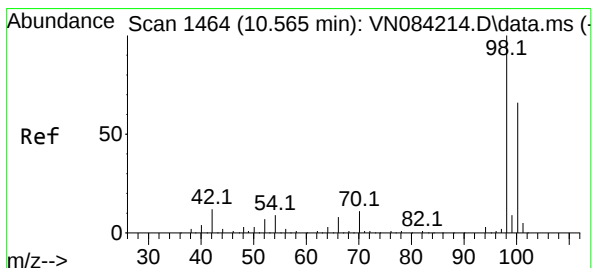
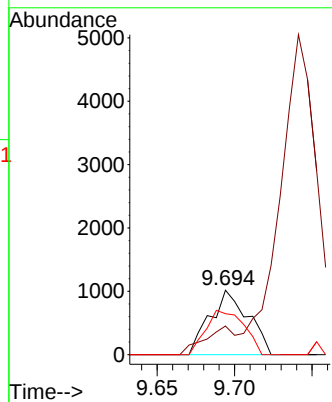
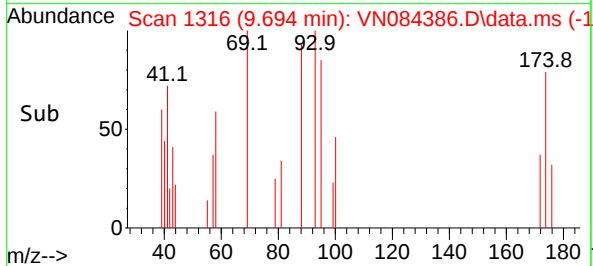
Tgt Ion: 88	Resp: 174
Ion Ratio	Lower Upper
88 100	
43 34.6	25.3 37.9
58 68.6	56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#50

Toluene-d8

Concen: 51.071 ug/l

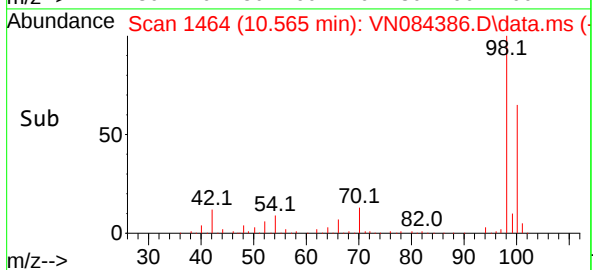
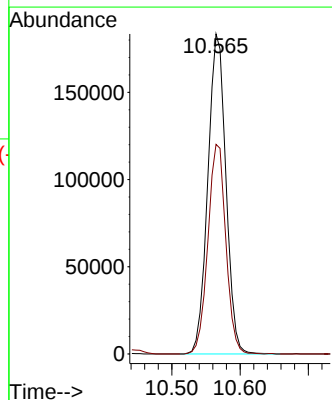
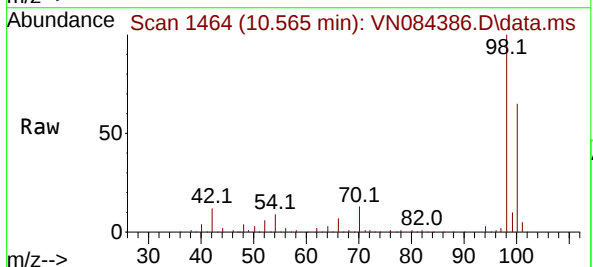
RT: 10.565 min Scan# 1464

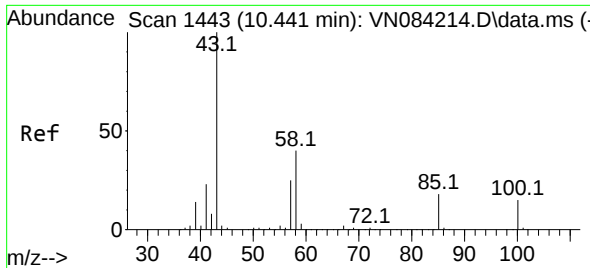
Delta R.T. -0.000 min

Lab File: VN084386.D

Acq: 10 Oct 2024 14:09

Tgt Ion: 98	Resp: 338392
Ion Ratio	Lower Upper
98 100	
100 65.0	52.7 79.1





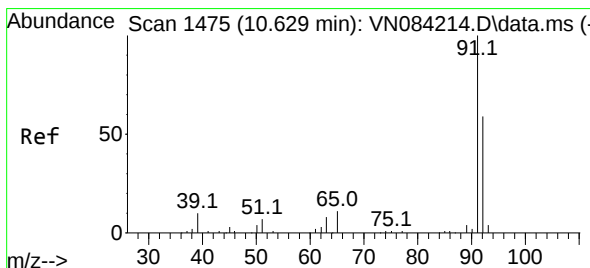
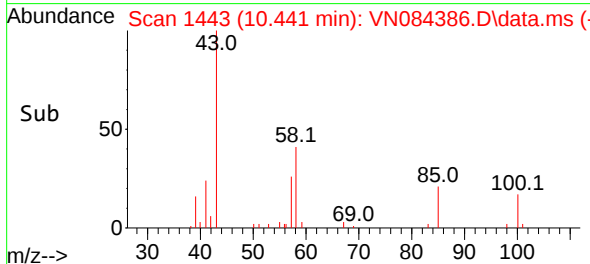
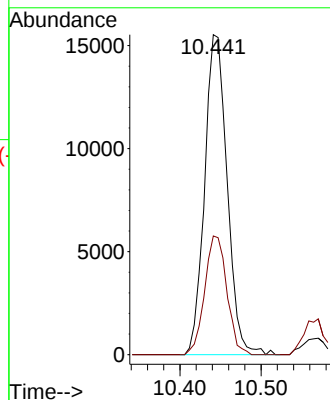
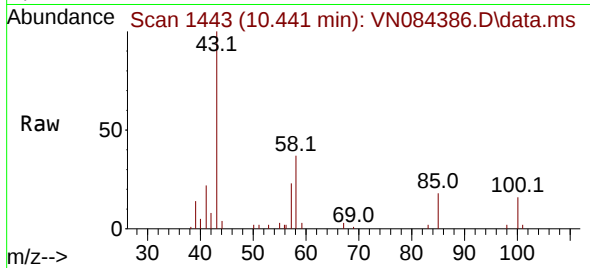
#51
4-Methyl-2-Pentanone
Concen: 11.720 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

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

Tgt Ion: 43 Resp: 2994
Ion Ratio Lower Upper
43 100
58 36.5 31.6 47.4

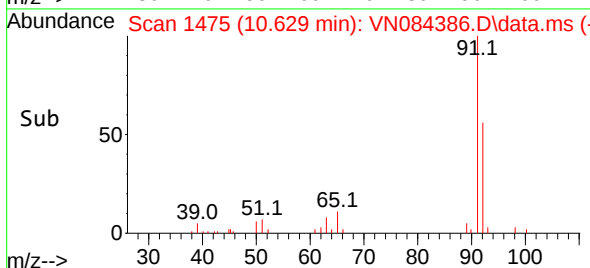
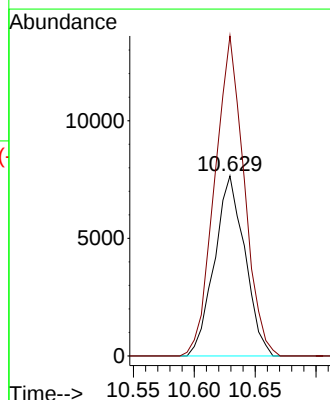
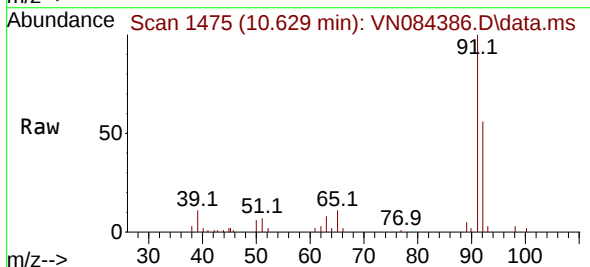
Manual Integrations
APPROVED

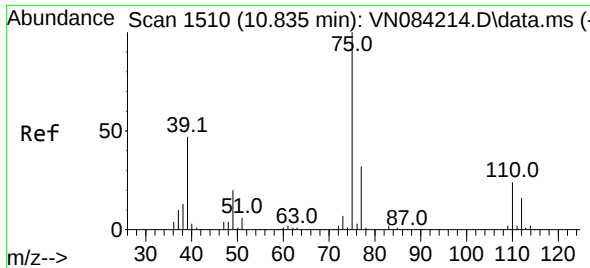
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#52
Toluene
Concen: 2.671 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

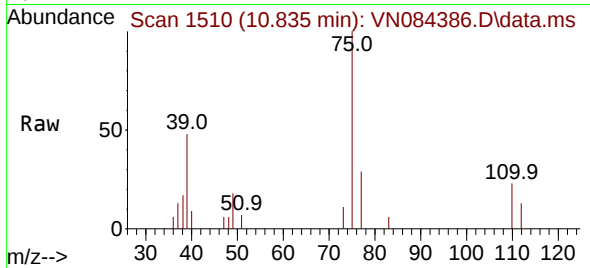
Tgt Ion: 92 Resp: 13275
Ion Ratio Lower Upper
92 100
91 172.3 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 2.406 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

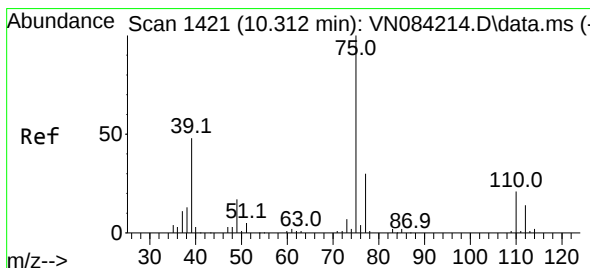
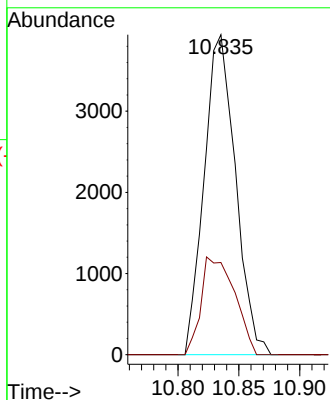
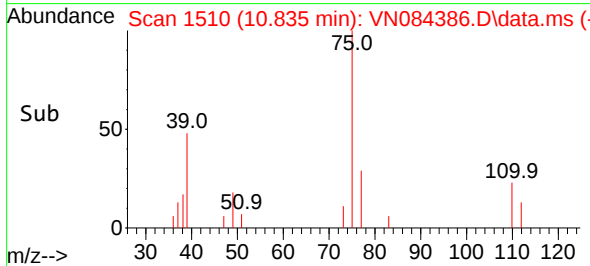
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



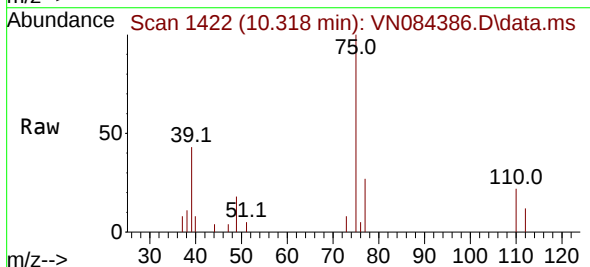
Tgt Ion: 75 Resp: 7089
Ion Ratio Lower Upper
75 100
77 28.8 25.4 38.0

Manual Integrations
APPROVED

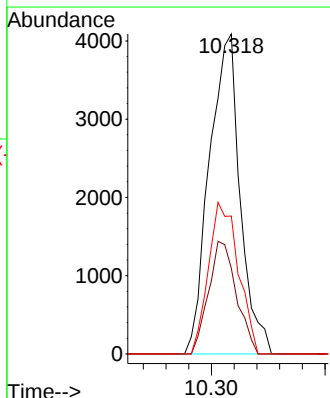
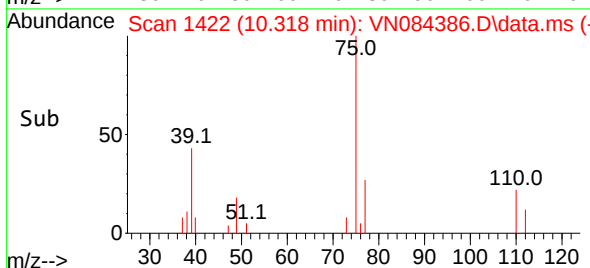
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

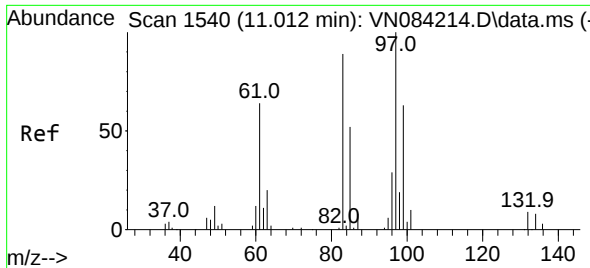


#54
cis-1,3-Dichloropropene
Concen: 2.428 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09



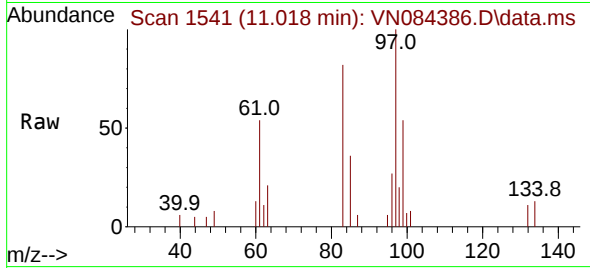
Tgt Ion: 75 Resp: 7695
Ion Ratio Lower Upper
75 100
77 26.8 24.2 36.2
39 43.1 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 2.822 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

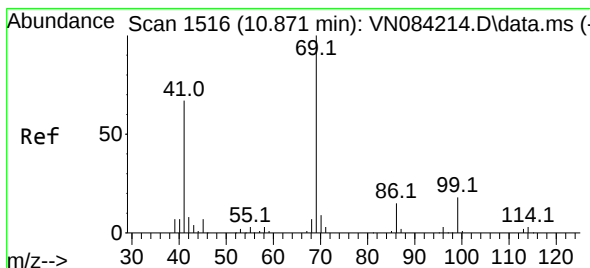
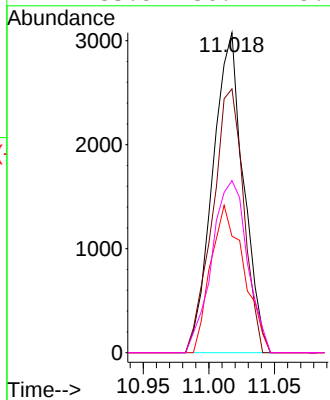
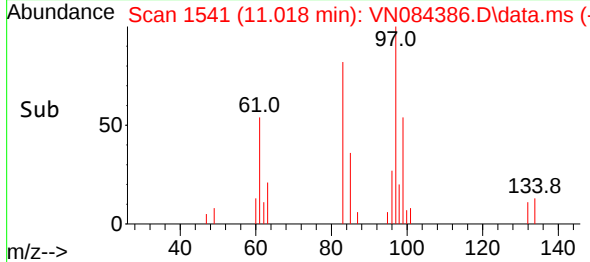
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



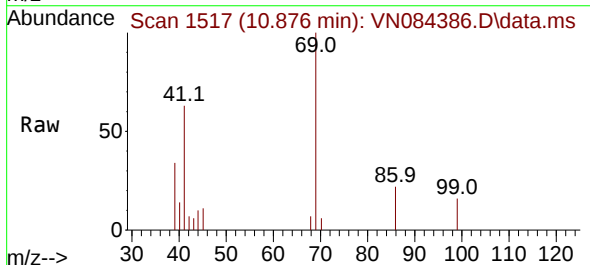
Tgt Ion: 97 Resp: 5028
Ion Ratio Lower Upper
97 100
83 82.5 71.0 106.4
85 36.4 41.7 62.5
99 53.8 50.1 75.1

Manual Integrations
APPROVED

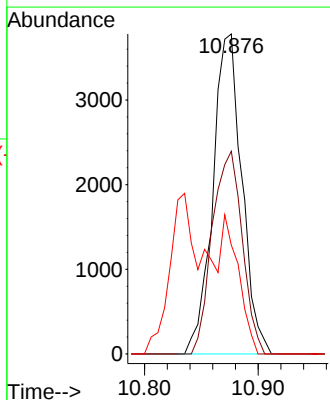
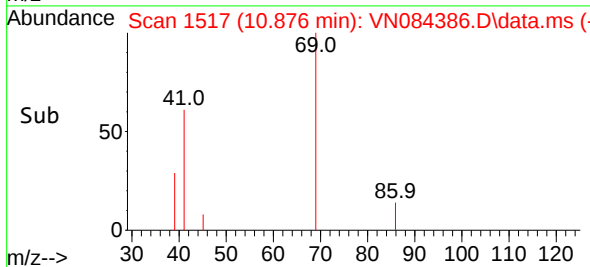
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#56
Ethyl methacrylate
Concen: 2.287 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09



Tgt Ion: 69 Resp: 6706
Ion Ratio Lower Upper
69 100
41 65.4 53.3 79.9
39 25.0 28.8 43.2





#57

1,3-Dichloropropane

Concen: 2.447 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN084386.D

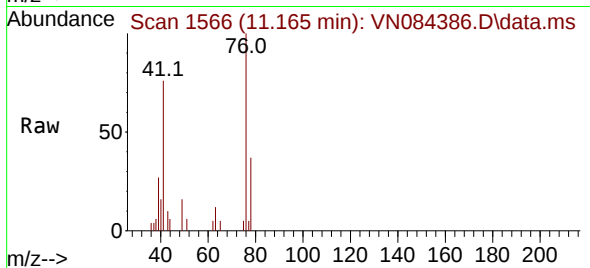
Acq: 10 Oct 2024 14:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 76 Resp: 7792

Ion Ratio Lower Upper

76 100

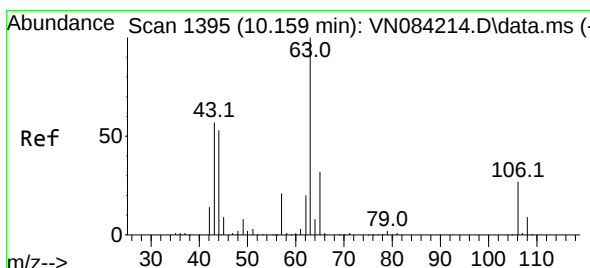
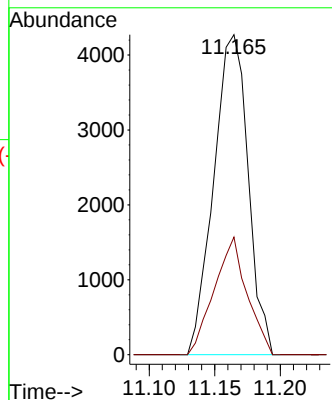
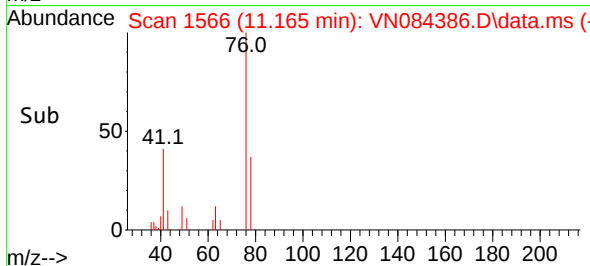
78 35.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#58

2-Chloroethyl Vinyl ether

Concen: 10.483 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084386.D

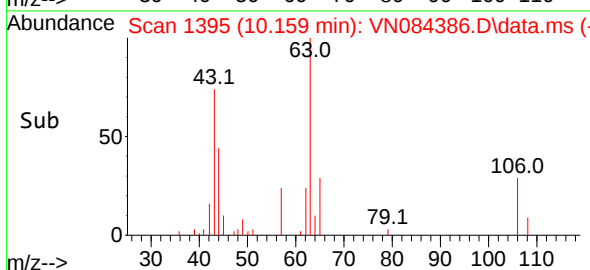
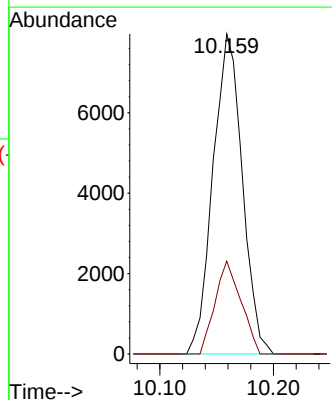
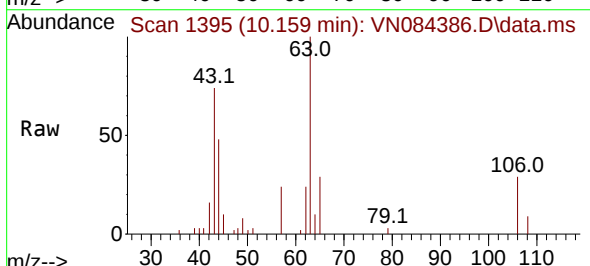
Acq: 10 Oct 2024 14:09

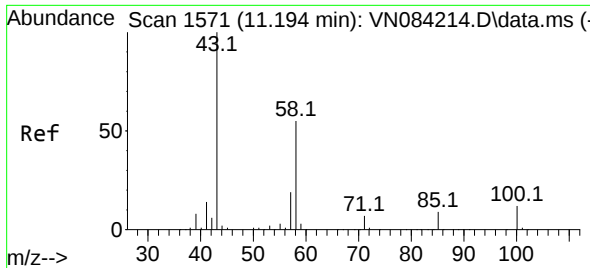
Tgt Ion: 63 Resp: 14257

Ion Ratio Lower Upper

63 100

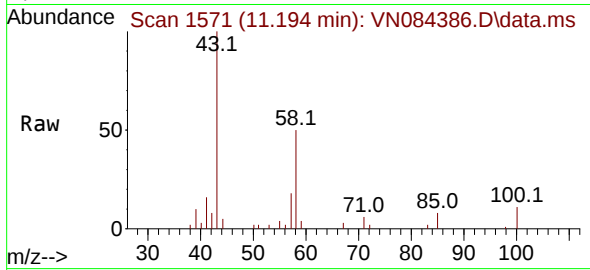
106 25.6 21.8 32.6





#59
2-Hexanone
Concen: 11.734 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

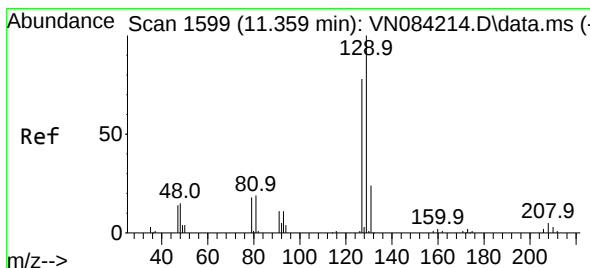
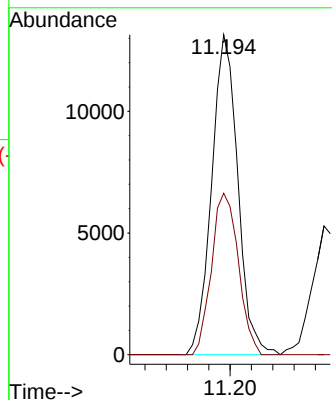
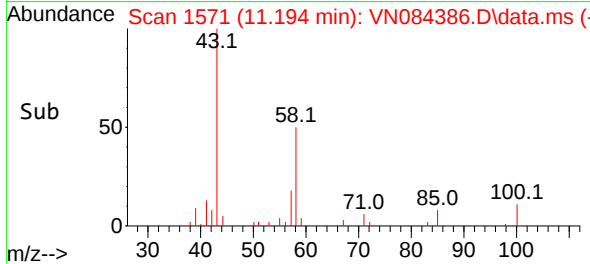
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 43 Resp: 22400
Ion Ratio Lower Upper
43 100
58 51.7 27.3 81.8

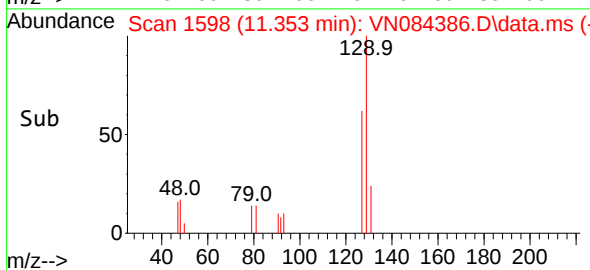
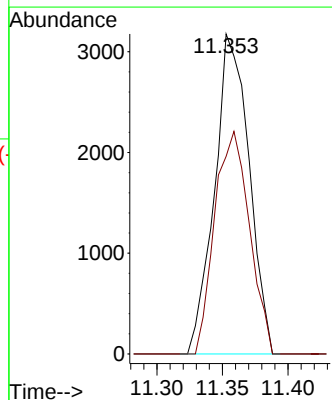
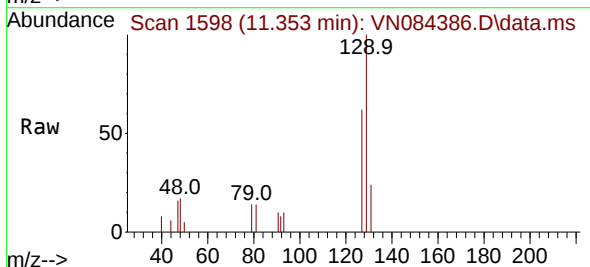
Manual Integrations
APPROVED

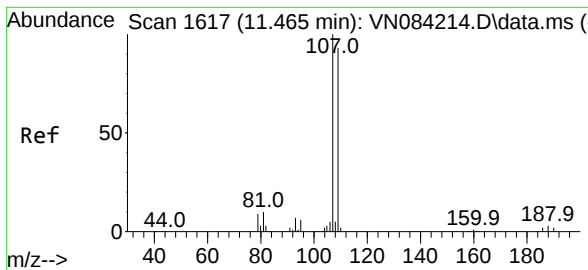
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#60
Dibromochloromethane
Concen: 2.755 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

Tgt Ion:129 Resp: 5800
Ion Ratio Lower Upper
129 100
127 70.3 38.3 114.9





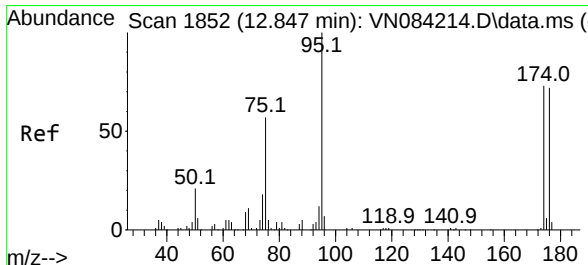
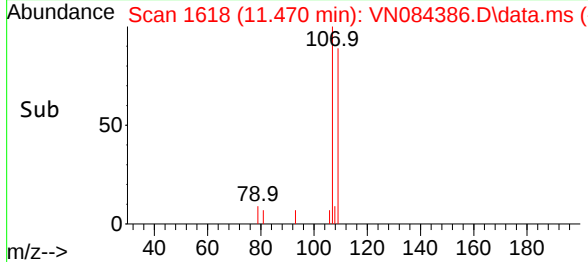
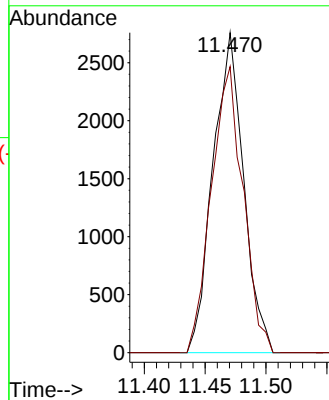
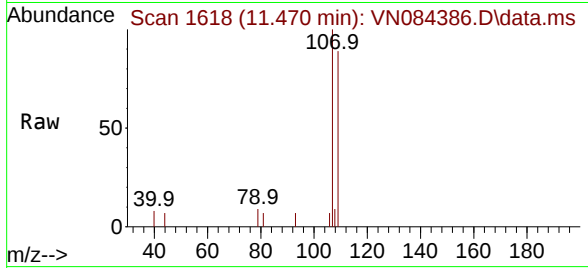
#61
1,2-Dibromoethane
Concen: 2.606 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

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

Tgt Ion:107 Resp: 4825
Ion Ratio Lower Upper
107 100
109 92.6 75.4 113.0

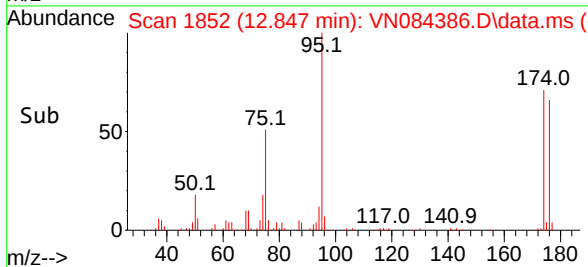
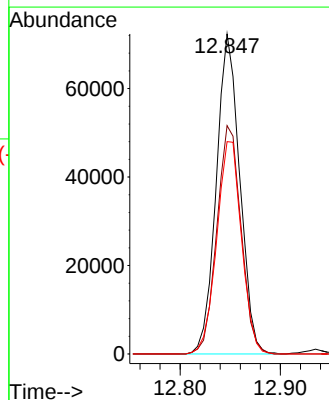
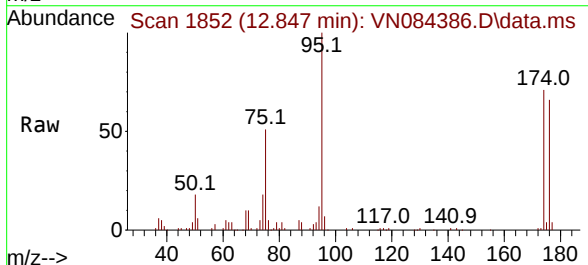
Manual Integrations
APPROVED

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



#62
4-Bromofluorobenzene
Concen: 48.771 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

Tgt Ion: 95 Resp: 117728
Ion Ratio Lower Upper
95 100
174 73.5 0.0 145.2
176 70.1 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084386.D

Acq: 10 Oct 2024 14:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:117 Resp: 244069

Ion Ratio Lower Upper

117 100

82 57.8 47.2 70.8

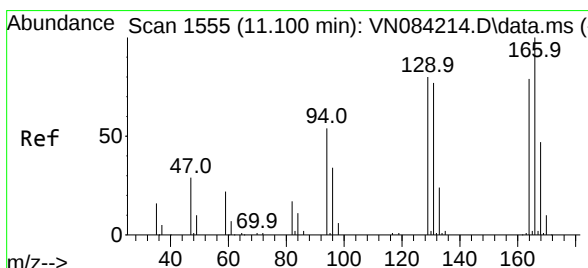
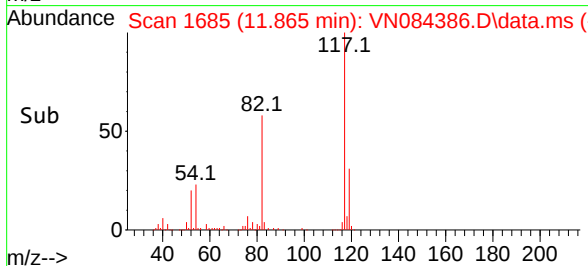
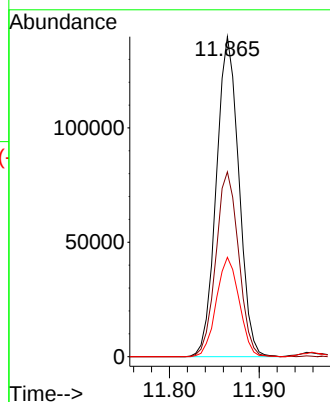
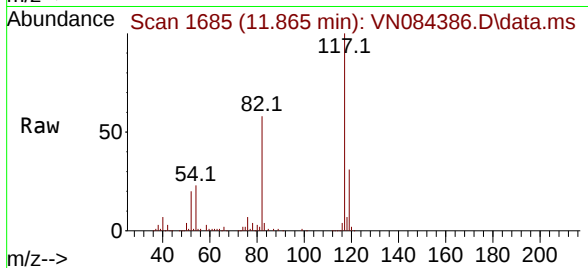
119 31.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#64

Tetrachloroethene

Concen: 2.618 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN084386.D

Acq: 10 Oct 2024 14:09

Tgt Ion:164 Resp: 4451

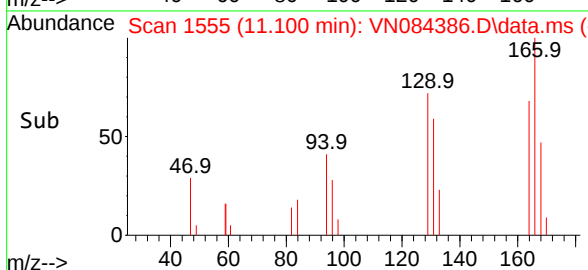
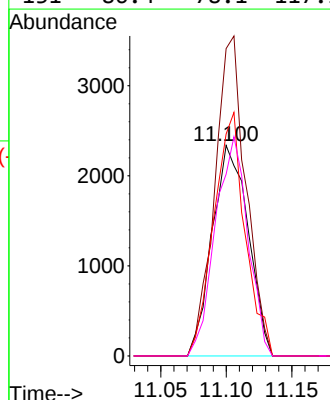
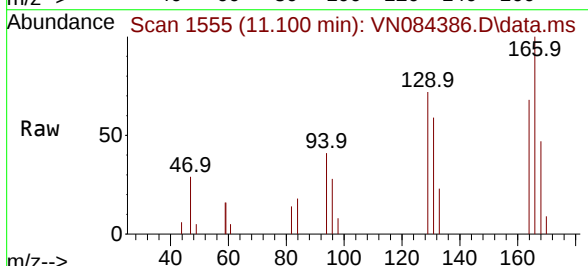
Ion Ratio Lower Upper

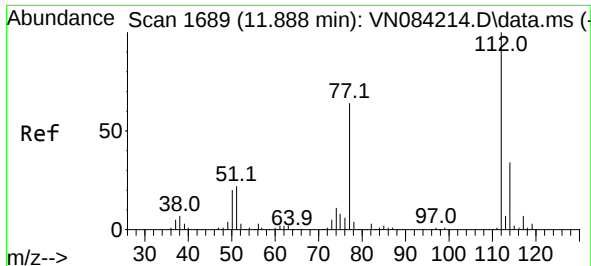
164 100

166 146.0 101.0 151.4

129 105.4 80.8 121.2

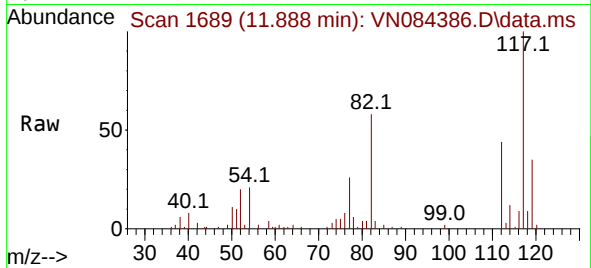
131 86.4 78.1 117.1





#65
Chlorobenzene
Concen: 2.499 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

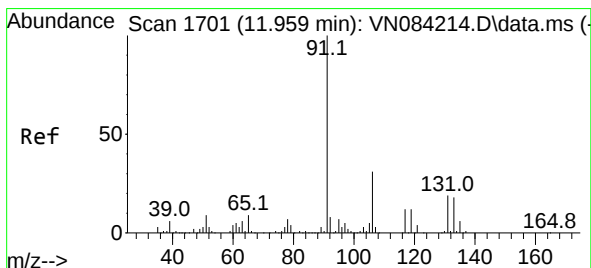
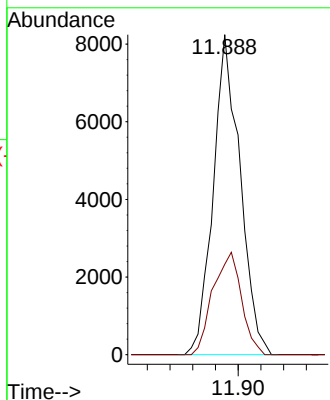
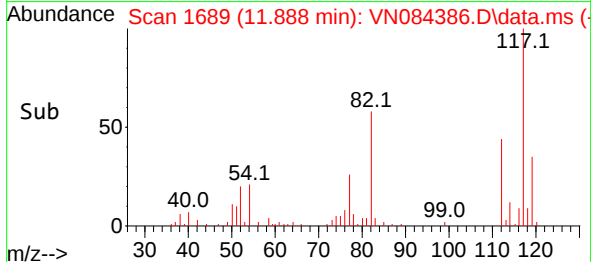
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:112 Resp: 13524
Ion Ratio Lower Upper
112 100
114 28.3 27.0 40.6

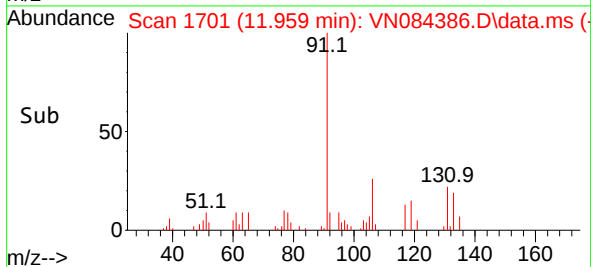
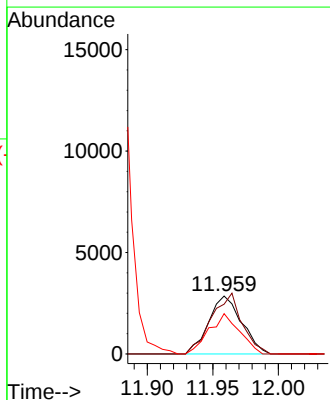
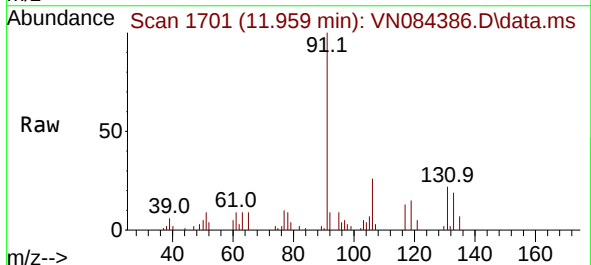
Manual Integrations
APPROVED

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



#66
1,1,1,2-Tetrachloroethane
Concen: 2.680 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

Tgt Ion:131 Resp: 4996
Ion Ratio Lower Upper
131 100
133 98.0 47.9 143.7
119 64.4 32.8 98.3





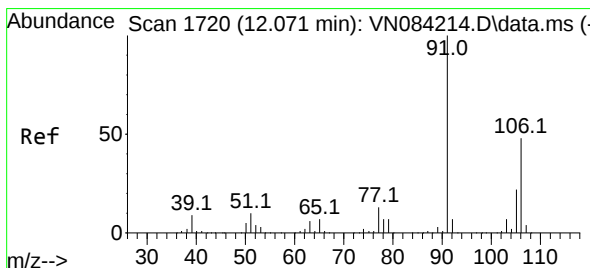
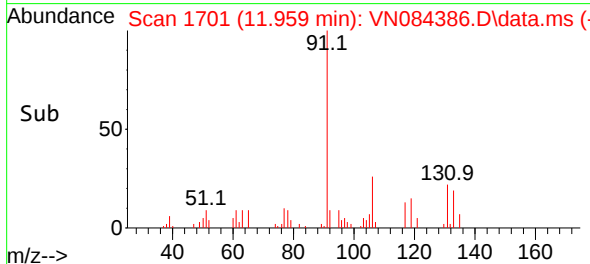
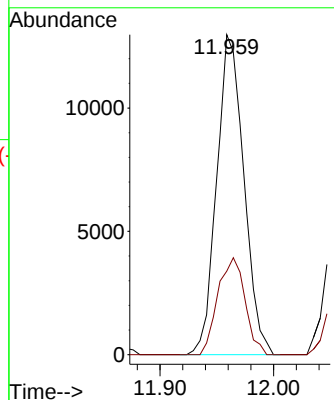
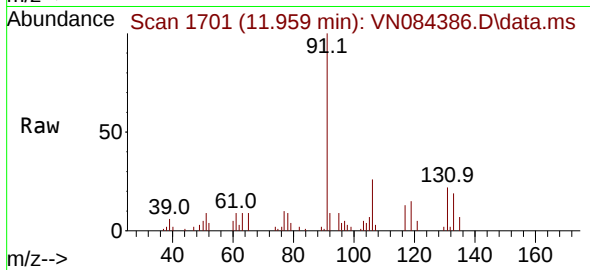
#67
Ethyl Benzene
Concen: 2.253 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

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

Tgt Ion: 91 Resp: 2156
Ion Ratio Lower Upper
91 100
106 26.1 24.5 36.7

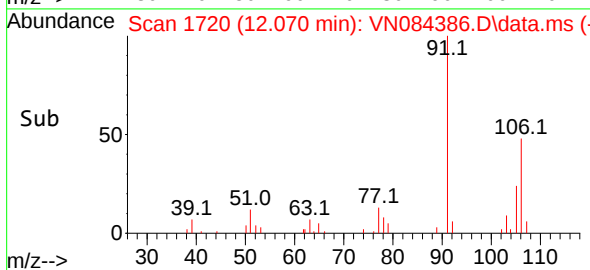
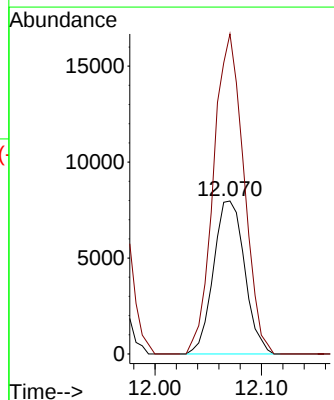
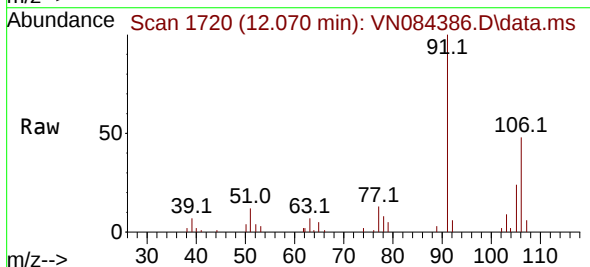
Manual Integrations
APPROVED

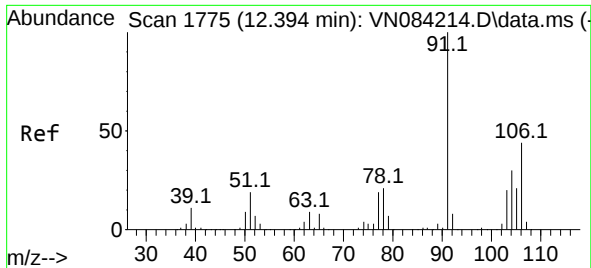
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#68
m/p-Xylenes
Concen: 4.578 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

Tgt Ion:106 Resp: 16205
Ion Ratio Lower Upper
106 100
91 203.4 167.1 250.7





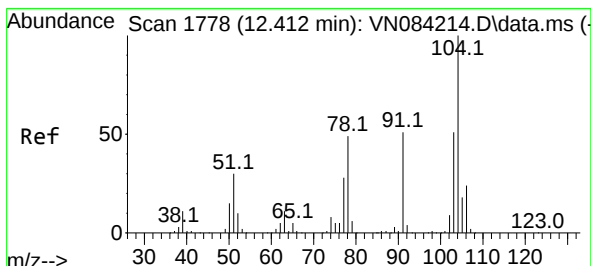
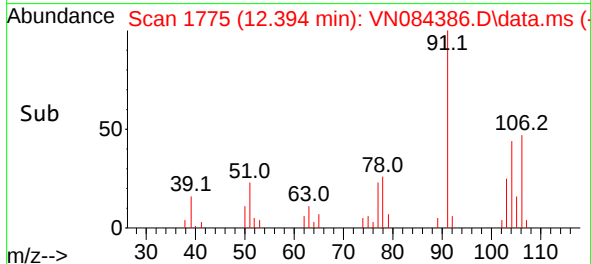
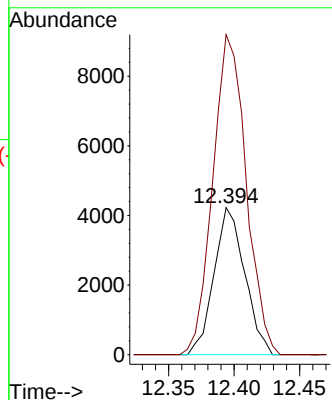
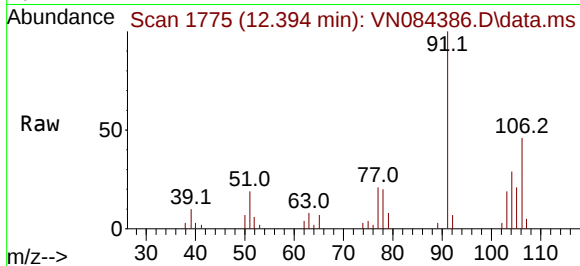
#69
o-Xylene
Concen: 2.056 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

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

Tgt Ion:106 Resp: 688
Ion Ratio Lower Upper
106 100
91 235.7 110.2 330.6

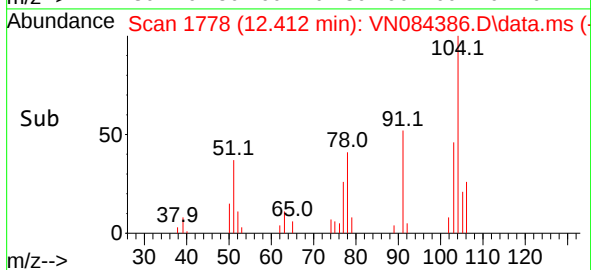
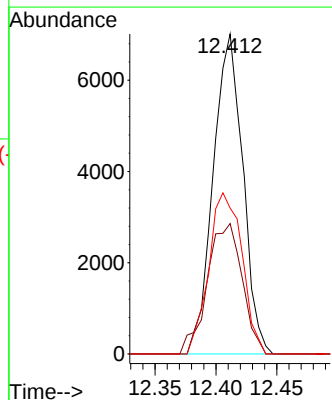
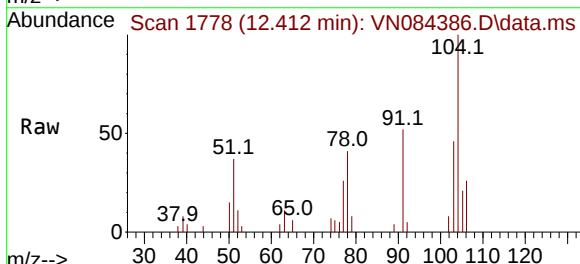
Manual Integrations
APPROVED

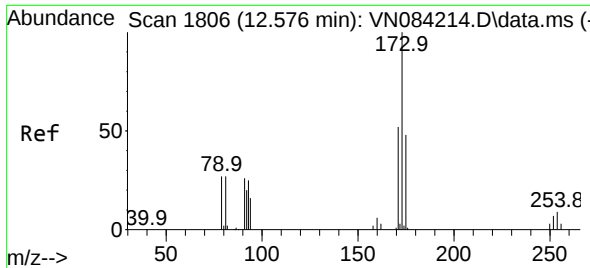
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#70
Styrene
Concen: 2.095 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

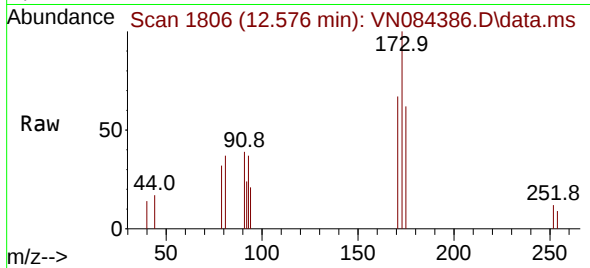
Tgt Ion:104 Resp: 11884
Ion Ratio Lower Upper
104 100
78 47.9 42.7 64.1
103 56.4 43.6 65.4





#71
Bromoform
Concen: 2.427 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

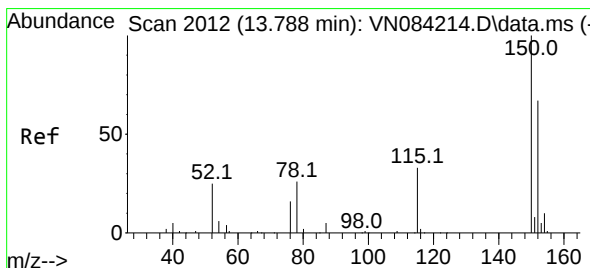
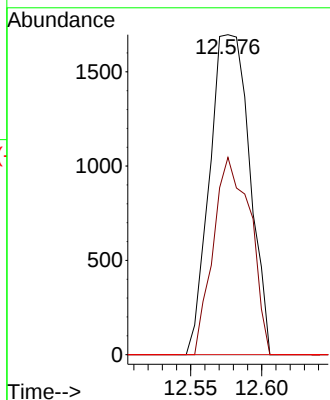
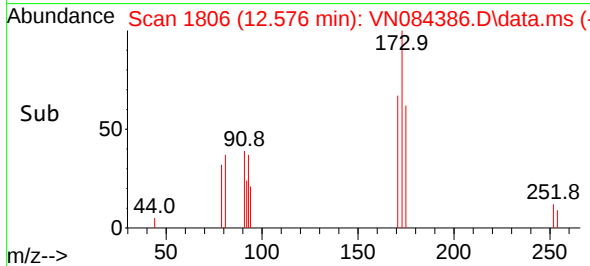
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



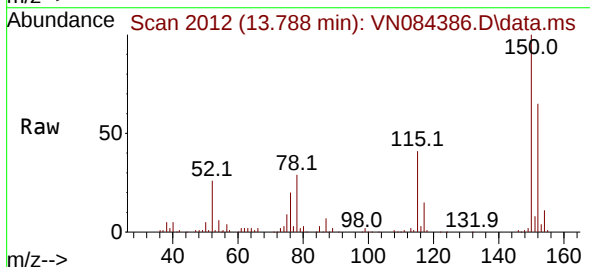
Tgt Ion:173 Resp: 333
Ion Ratio Lower Upper
173 100
175 57.1 23.5 70.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

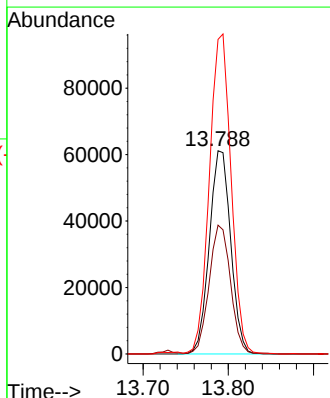
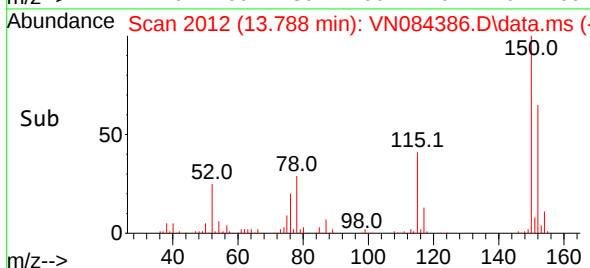
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

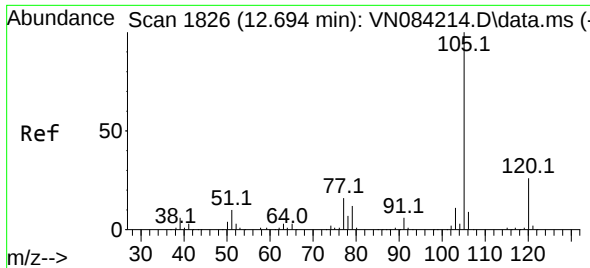


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09



Tgt Ion:152 Resp: 106659
Ion Ratio Lower Upper
152 100
115 63.3 31.3 93.9
150 159.5 0.0 349.8





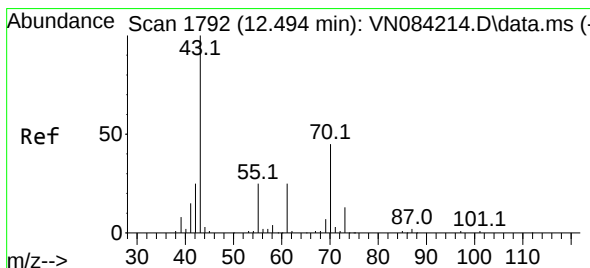
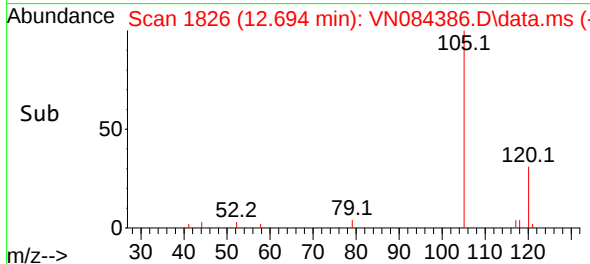
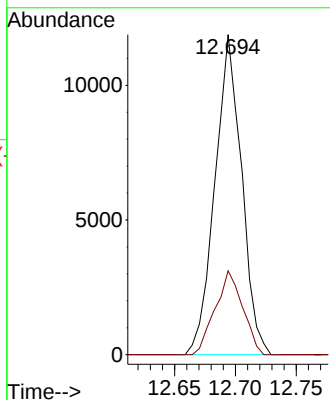
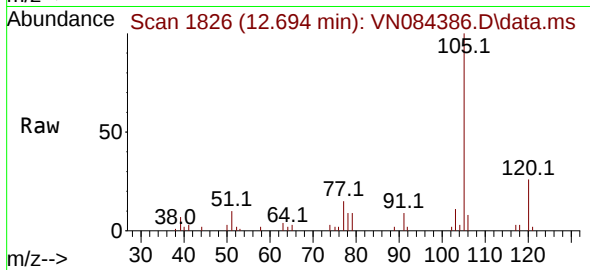
#73
Isopropylbenzene
Concen: 2.225 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

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

Tgt Ion:105 Resp: 18100
Ion Ratio Lower Upper
105 100
120 27.0 12.9 38.7

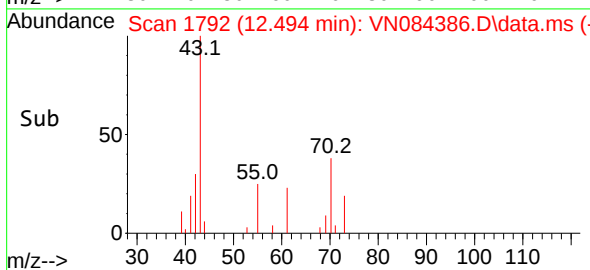
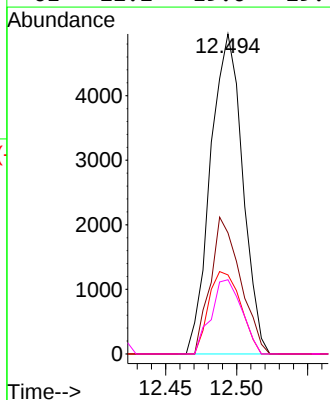
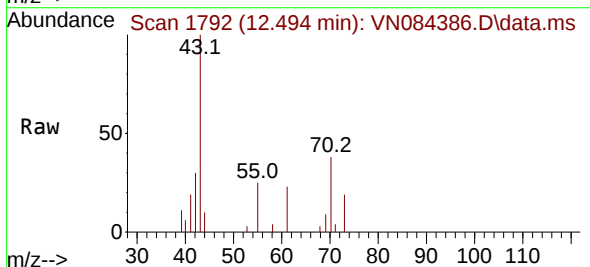
Manual Integrations
APPROVED

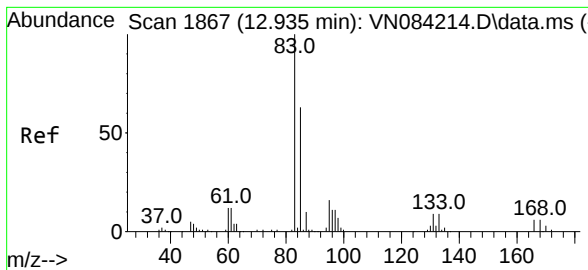
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#74
N-ethyl acetate
Concen: 2.114 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

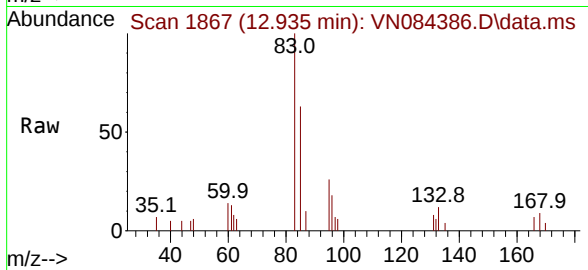
Tgt Ion: 43 Resp: 7793
Ion Ratio Lower Upper
43 100
70 39.9 34.4 51.6
55 25.6 19.6 29.4
61 22.2 19.6 29.4





#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.761 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN084386.D
 Acq: 10 Oct 2024 14:09

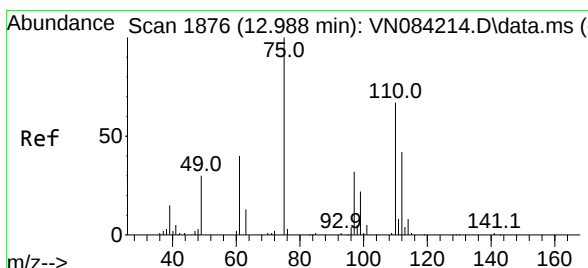
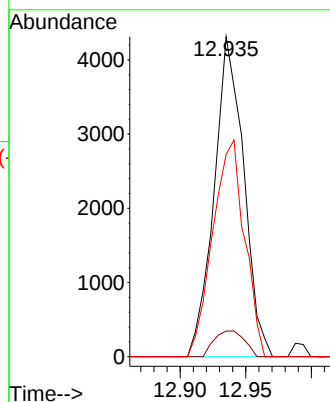
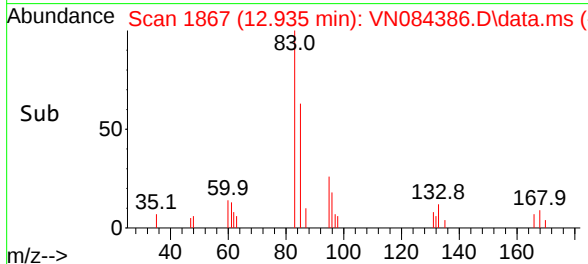
Instrument : MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 83 Resp: 6758
 Ion Ratio Lower Upper
 83 100
 131 8.2 4.9 14.7
 85 72.6 31.9 95.7

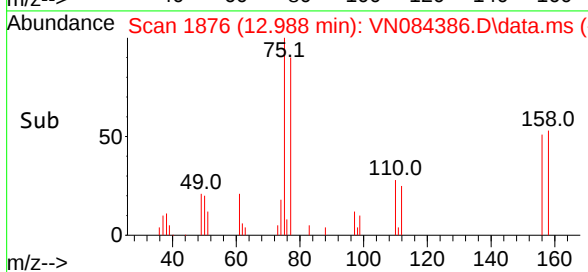
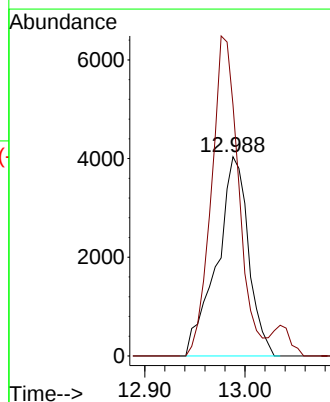
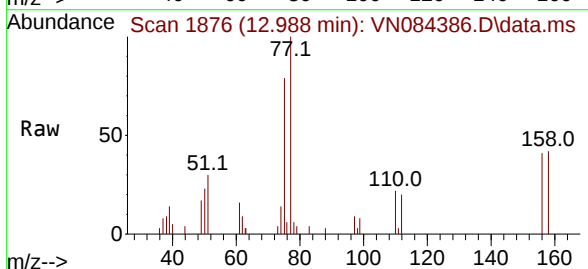
Manual Integrations
 APPROVED

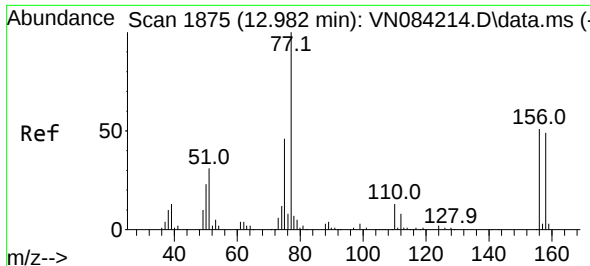
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#76
 1,2,3-Trichloropropane
 Concen: 4.066 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN084386.D
 Acq: 10 Oct 2024 14:09

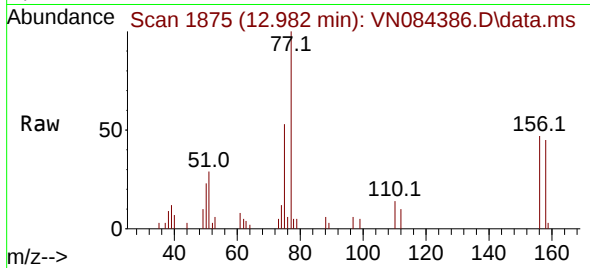
Tgt Ion: 75 Resp: 8853
 Ion Ratio Lower Upper
 75 100
 77 137.7 96.9 290.7





#77
Bromobenzene
Concen: 2.581 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

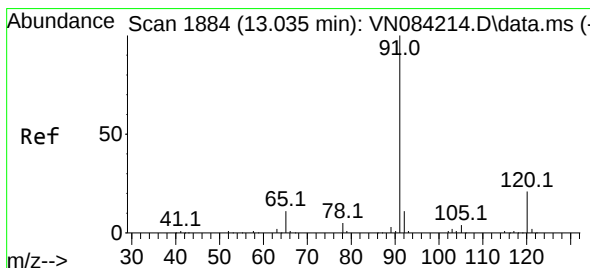
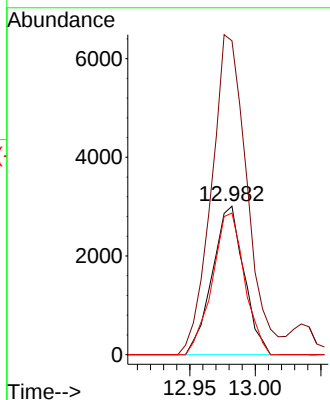
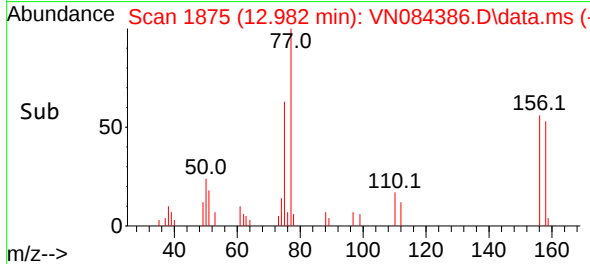
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



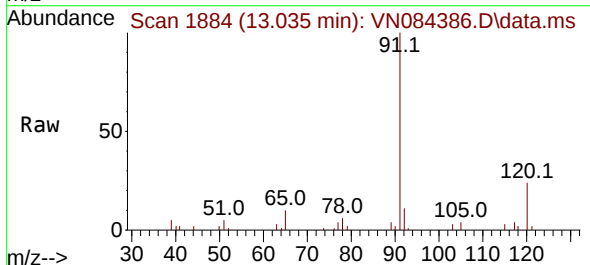
Tgt Ion:156 Resp: 5068
Ion Ratio Lower Upper
156 100
77 240.5 115.1 345.3
158 96.5 48.9 146.8

Manual Integrations
APPROVED

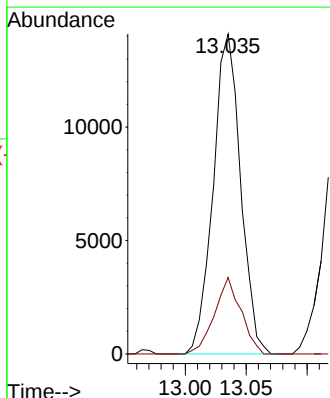
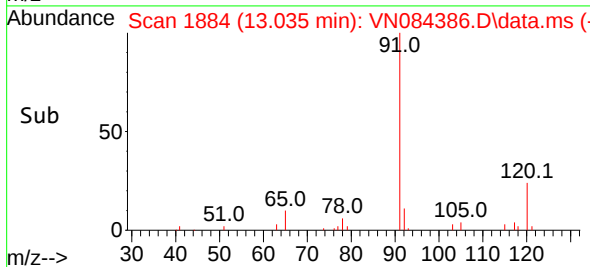
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

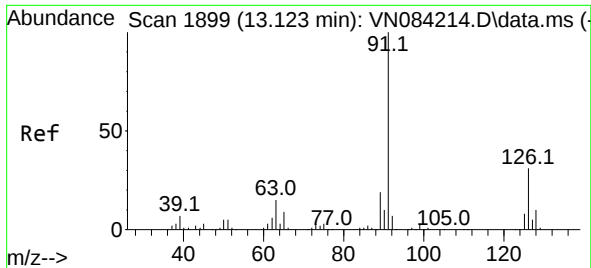


#78
n-propylbenzene
Concen: 2.340 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09



Tgt Ion: 91 Resp: 22066
Ion Ratio Lower Upper
91 100
120 23.1 10.8 32.4





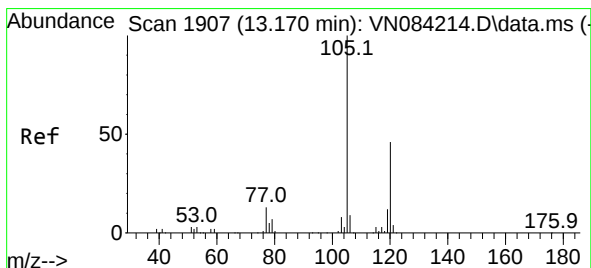
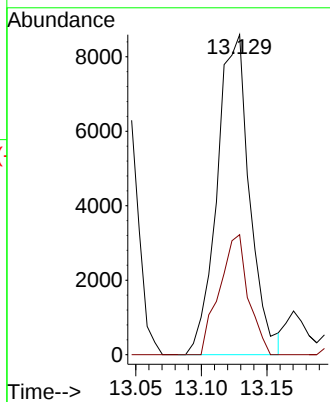
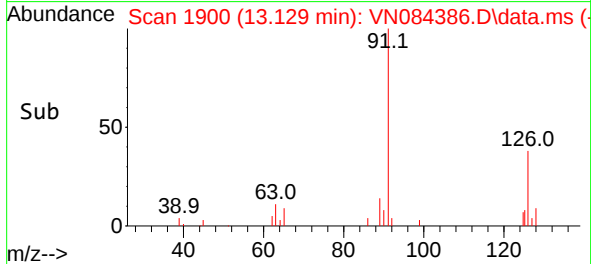
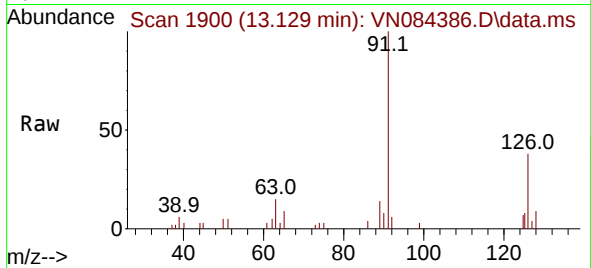
#79
2-Chlorotoluene
Concen: 2.463 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

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

Tgt Ion: 91 Resp: 14819
Ion Ratio Lower Upper
91 100
126 33.3 15.7 47.1

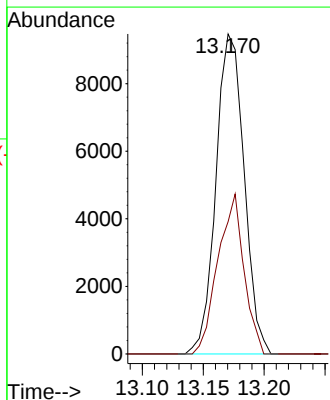
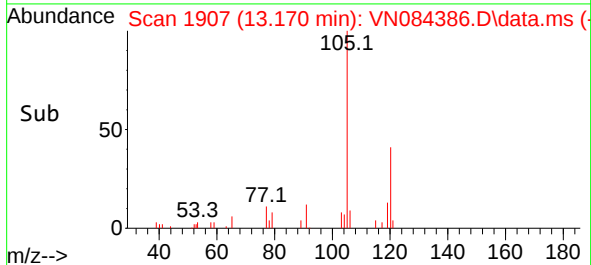
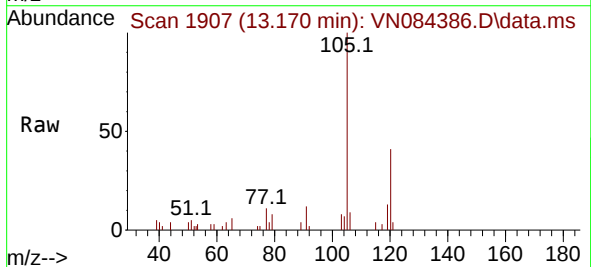
Manual Integrations
APPROVED

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



#80
1,3,5-Trimethylbenzene
Concen: 2.295 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

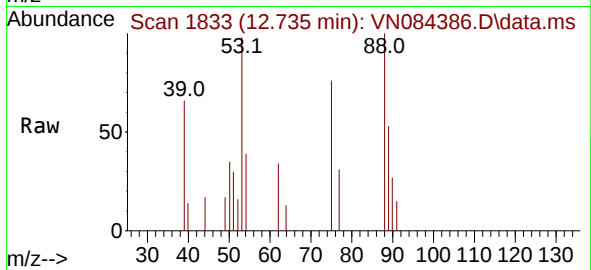
Tgt Ion:105 Resp: 15236
Ion Ratio Lower Upper
105 100
120 46.3 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 2.080 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

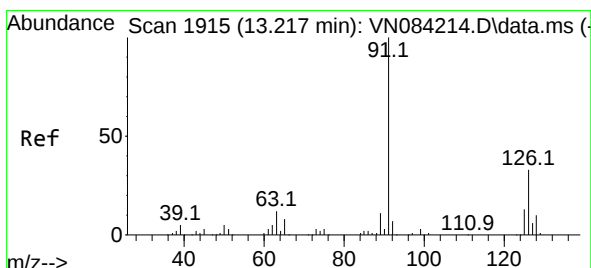
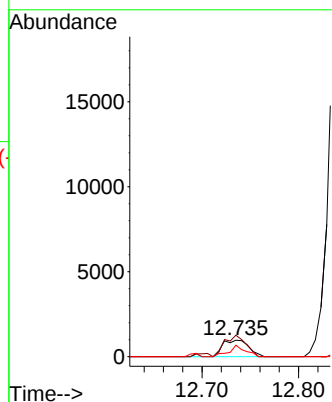
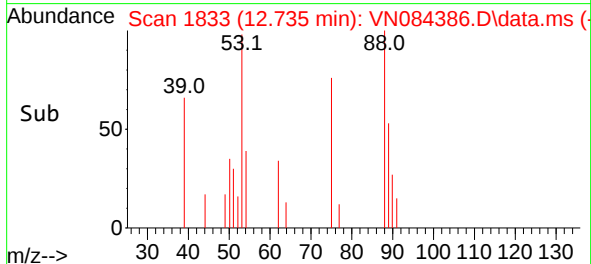
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 75 Resp: 1889
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0
89 0.0 35.5 53.3

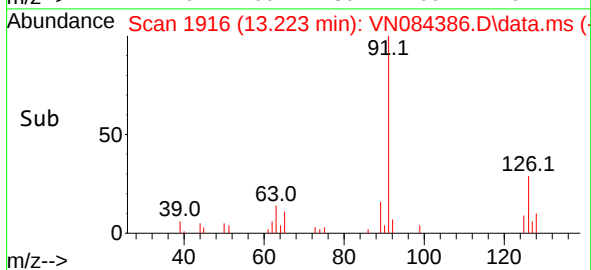
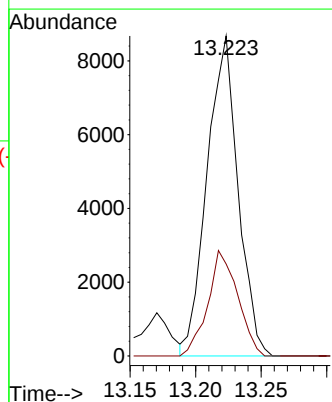
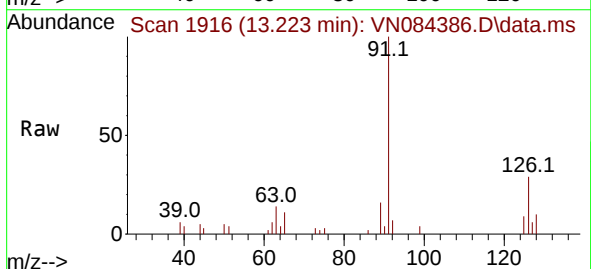
Manual Integrations
APPROVED

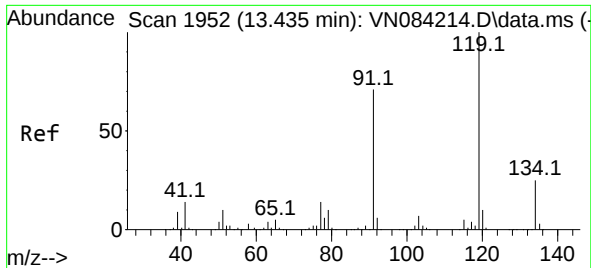
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#82
4-Chlorotoluene
Concen: 2.352 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

Tgt Ion: 91 Resp: 14250
Ion Ratio Lower Upper
91 100
126 31.8 15.7 47.1





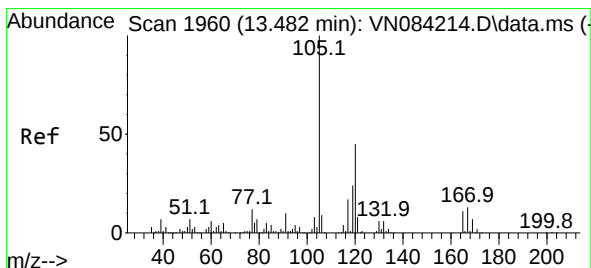
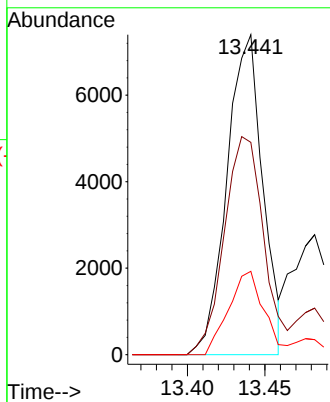
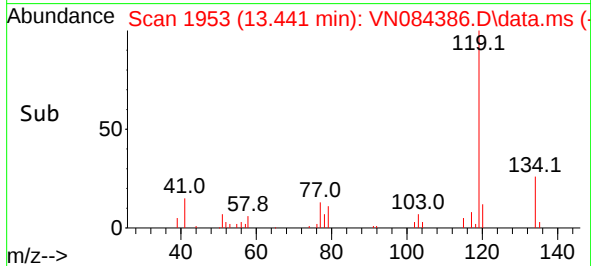
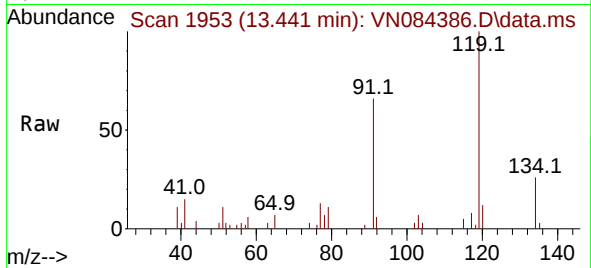
#83
tert-Butylbenzene
Concen: 2.018 ug/l
RT: 13.441 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

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

Tgt Ion:119 Resp: 11908
Ion Ratio Lower Upper
119 100
91 75.2 34.1 102.3
134 25.8 12.8 38.4

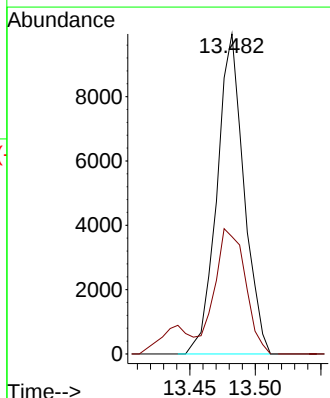
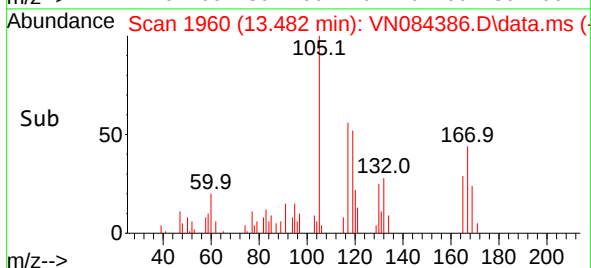
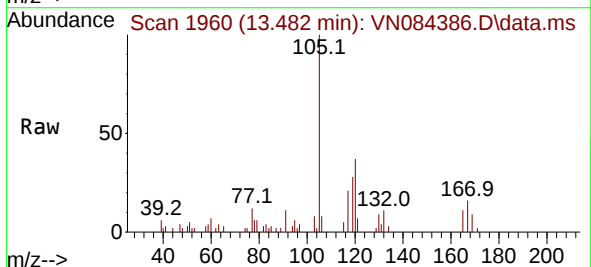
Manual Integrations
APPROVED

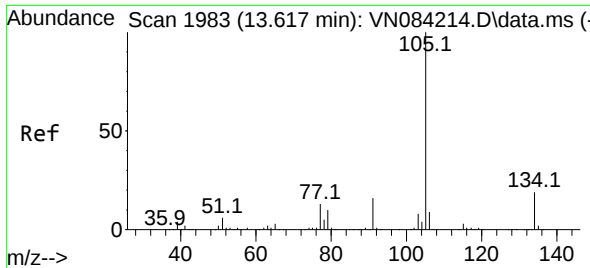
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#84
1,2,4-Trimethylbenzene
Concen: 2.123 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

Tgt Ion:105 Resp: 14196
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.8





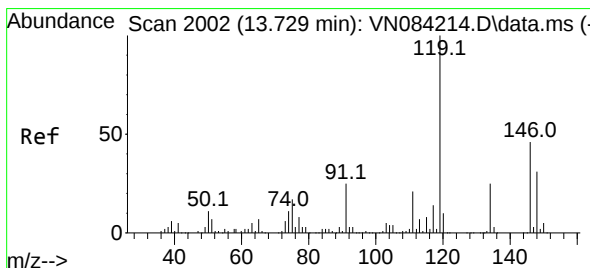
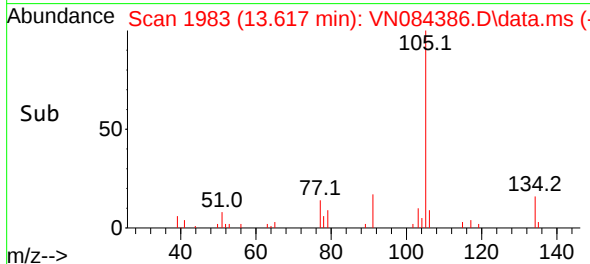
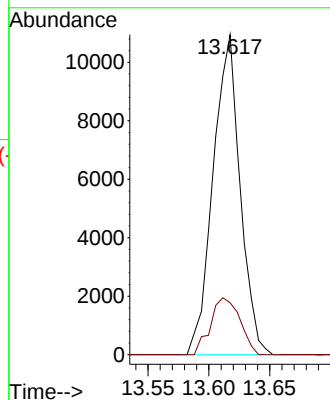
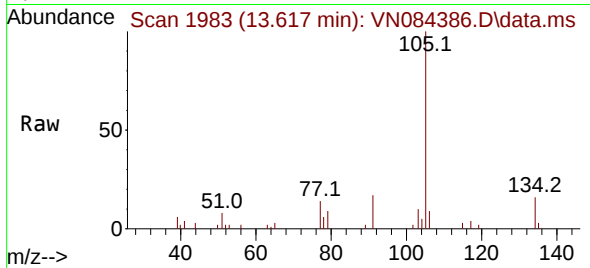
#85
 sec-Butylbenzene
 Concen: 2.148 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN084386.D
 Acq: 10 Oct 2024 14:09

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

Tgt Ion:105 Resp: 1691
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

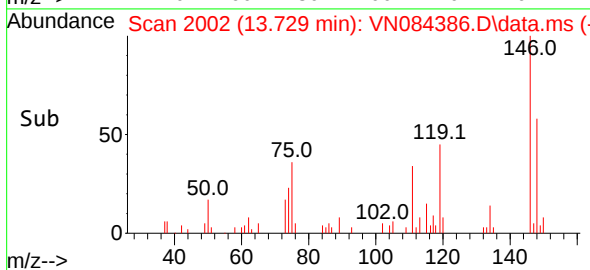
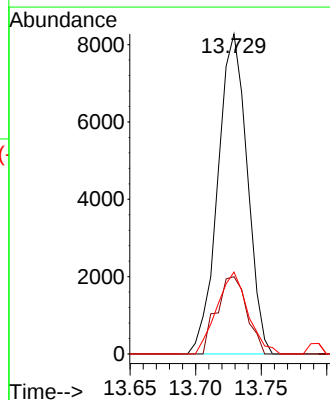
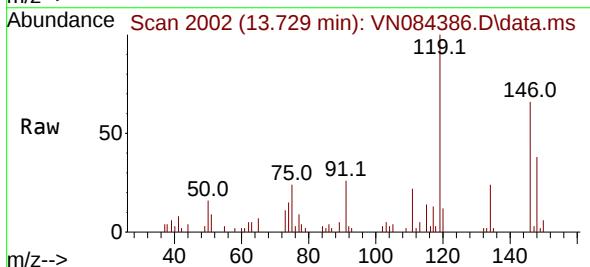
Manual Integrations
 APPROVED

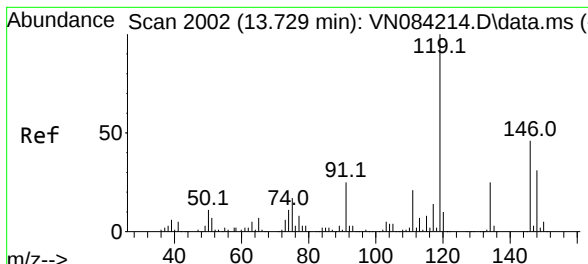
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#86
 p-Isopropyltoluene
 Concen: 1.980 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084386.D
 Acq: 10 Oct 2024 14:09

Tgt Ion:119 Resp: 12890
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.6 37.8
 91 27.1 12.4 37.2





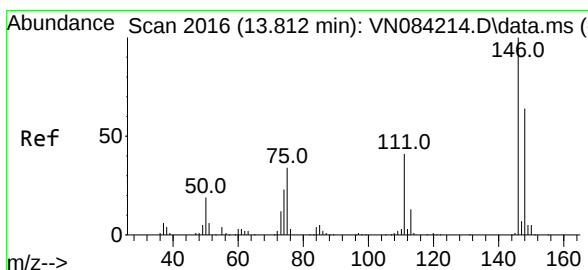
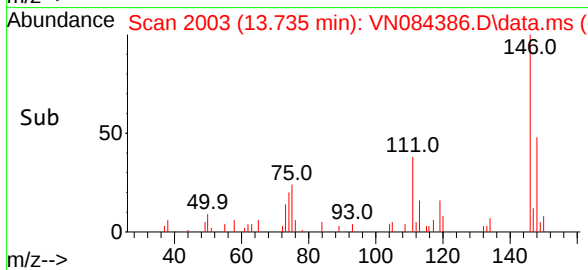
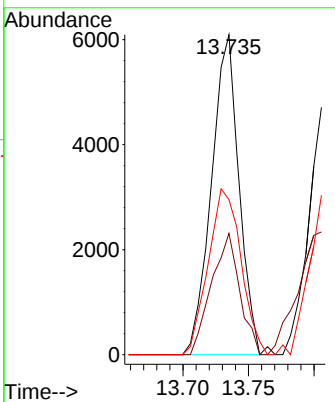
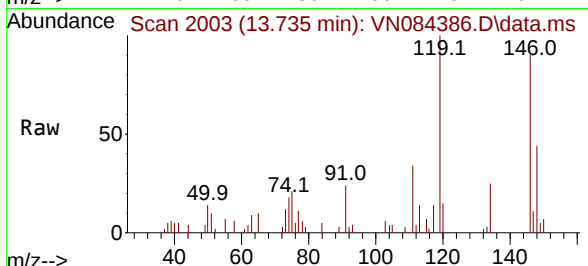
#87
 1,3-Dichlorobenzene
 Concen: 2.423 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN084386.D
 Acq: 10 Oct 2024 14:09

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

Tgt Ion:146	Resp:	892
Ion Ratio	Lower	Upper
146	100	
111	38.7	21.8 65.3
148	61.6	31.9 95.7

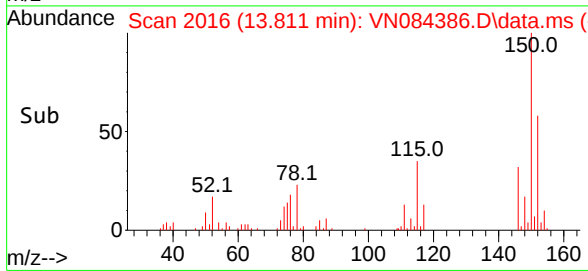
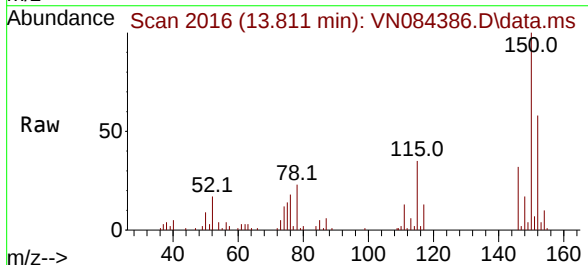
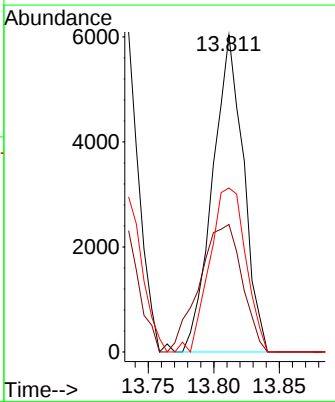
Manual Integrations
 APPROVED

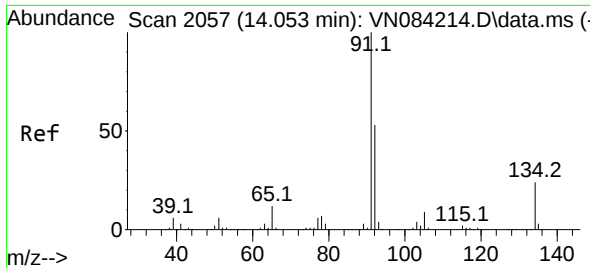
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#88
 1,4-Dichlorobenzene
 Concen: 2.653 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN084386.D
 Acq: 10 Oct 2024 14:09

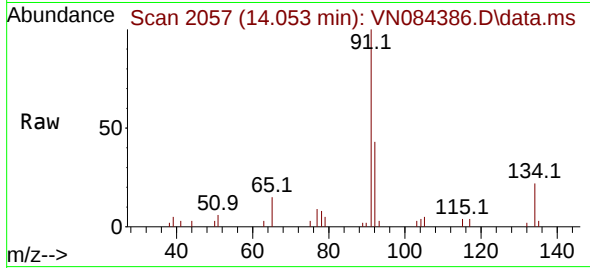
Tgt Ion:146	Resp:	9869
Ion Ratio	Lower	Upper
146	100	
111	55.7	21.2 63.6
148	60.6	31.9 95.9





#89
n-Butylbenzene
Concen: 2.037 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

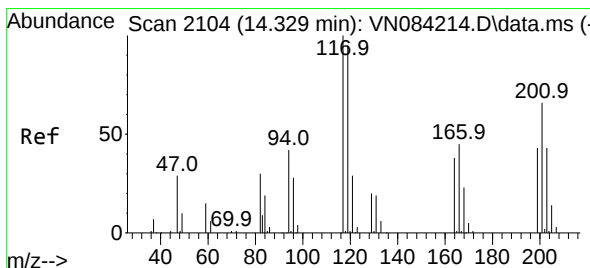
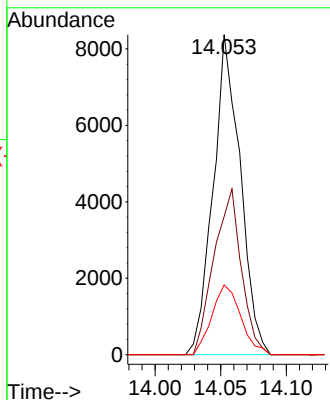
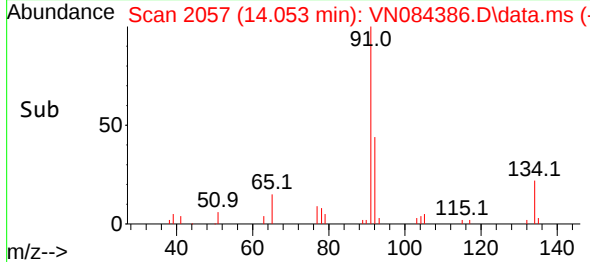
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 91 Resp: 1202
Ion Ratio Lower Upper
91 100
92 52.4 26.6 79.7
134 23.3 12.3 36.9

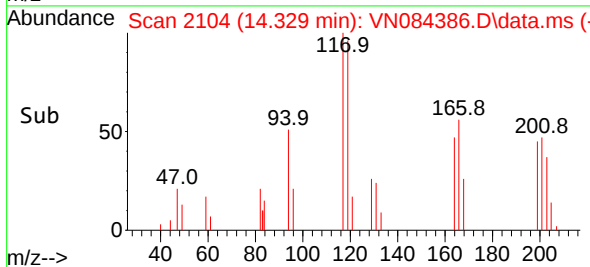
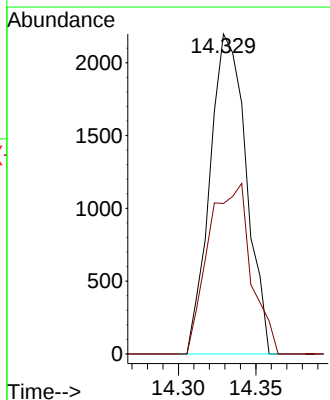
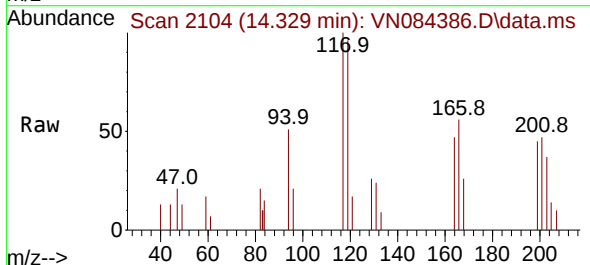
Manual Integrations
APPROVED

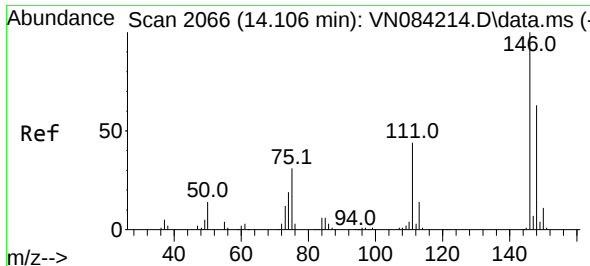
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#90
Hexachloroethane
Concen: 2.709 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

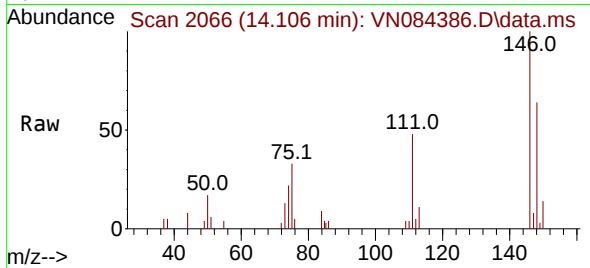
Tgt Ion:117 Resp: 3581
Ion Ratio Lower Upper
117 100
201 62.3 34.4 103.2





#91
1,2-Dichlorobenzene
Concen: 2.398 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

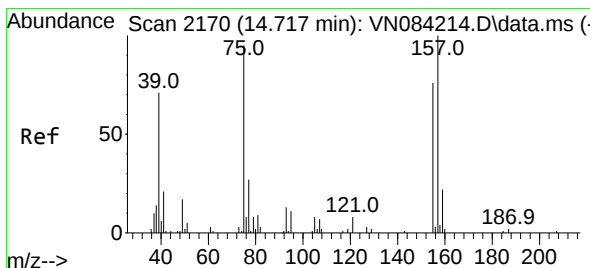
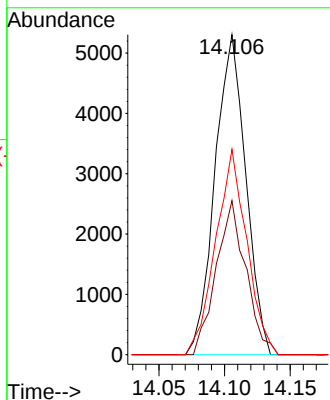
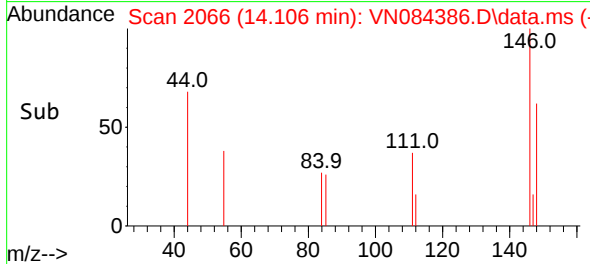
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



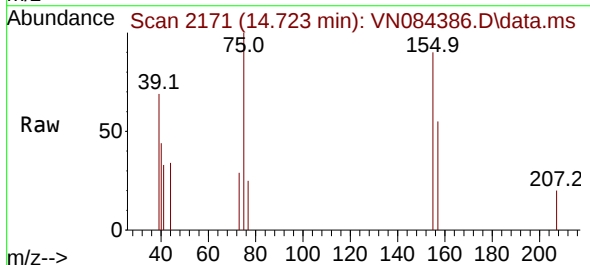
Tgt Ion:146 Resp: 865
Ion Ratio Lower Upper
146 100
111 46.5 22.0 66.0
148 65.1 32.1 96.3

Manual Integrations
APPROVED

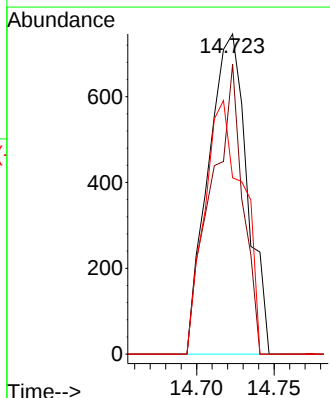
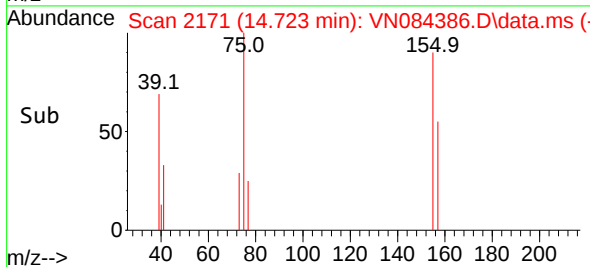
Reviewed By :John Carbone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

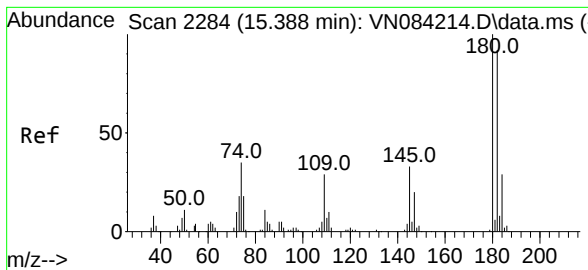


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.576 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09



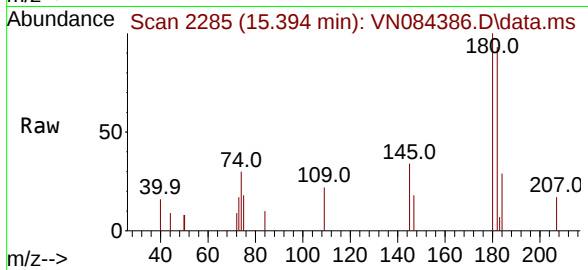
Tgt Ion: 75 Resp: 1301
Ion Ratio Lower Upper
75 100
155 73.2 38.1 114.5
157 77.6 49.6 149.0





#93
1,2,4-Trichlorobenzene
Concen: 2.097 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09

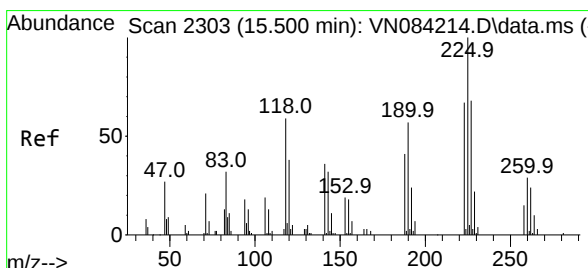
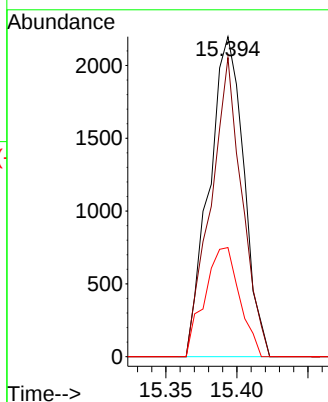
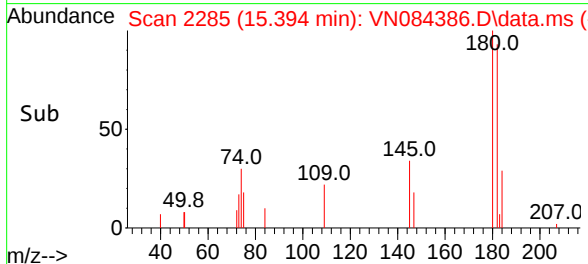
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



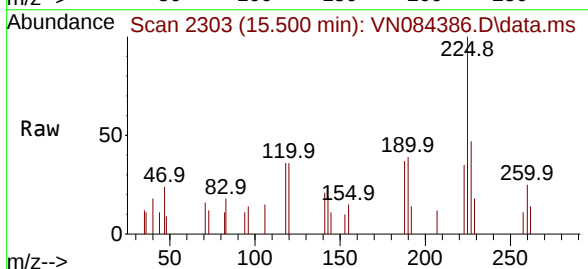
Tgt Ion:180 Resp: 373
Ion Ratio Lower Upper
180 100
182 84.2 47.0 141.0
145 34.4 16.4 49.4

Manual Integrations
APPROVED

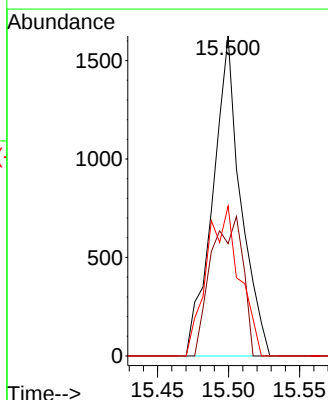
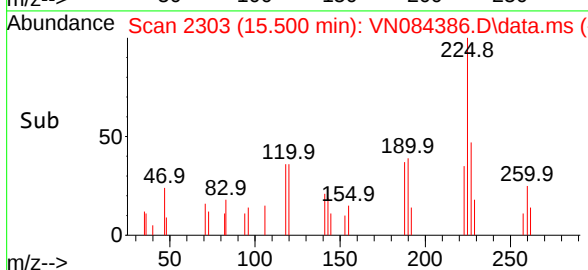
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

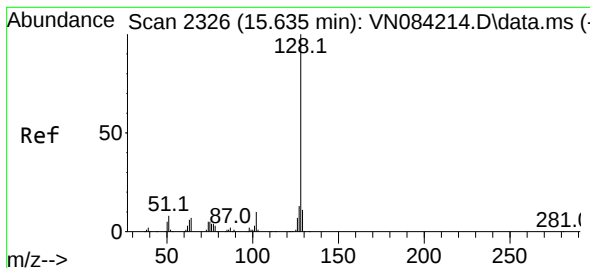


#94
Hexachlorobutadiene
Concen: 2.509 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN084386.D
Acq: 10 Oct 2024 14:09



Tgt Ion:225 Resp: 2226
Ion Ratio Lower Upper
225 100
223 49.3 32.4 97.2
227 55.0 32.4 97.0





#95

Naphthalene

Concen: 1.776 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084386.D

Acq: 10 Oct 2024 14:09

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

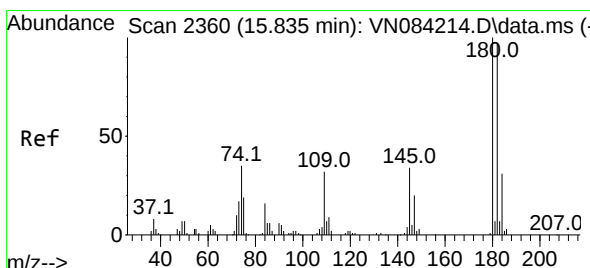
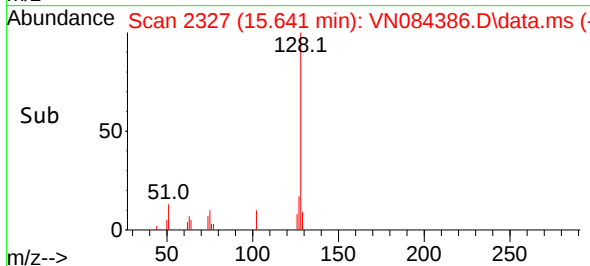
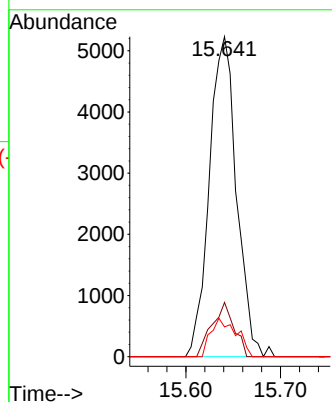
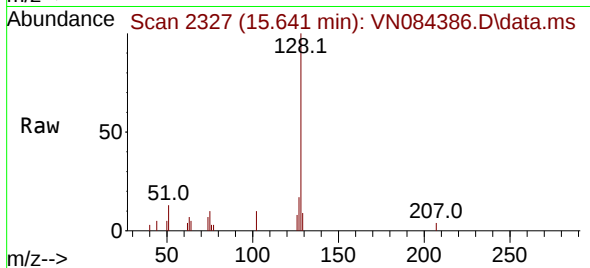
Tgt Ion:128	Resp: 10474
Ion Ratio	Lower Upper
128 100	
127 13.8	10.5 15.7
129 11.3	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#96

1,2,3-Trichlorobenzene

Concen: 1.880 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084386.D

Acq: 10 Oct 2024 14:09

Tgt Ion:180	Resp: 3347
Ion Ratio	Lower Upper
180 100	
182 99.5	48.2 144.6
145 37.2	17.3 51.9

