

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101424\
 Data File : VN084407.D
 Acq On : 14 Oct 2024 11:42
 Operator : JC\MD
 Sample : P4368-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 01:32:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	31593	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	159477	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	151044	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	77104	30.314	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.033%			
60) 4-Bromofluorobenzene	12.847	95	67795	27.196	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 90.667%			
63) Toluene-d8	10.565	98	212574	30.379	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.267%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	4507	2.337	ug/l	98
3) Chloromethane	2.359	50	5915	2.695	ug/l	89
4) Vinyl Chloride	2.518	62	5098	2.368	ug/l	96
5) Bromomethane	2.965	94	4141	2.904	ug/l	98
6) Chloroethane	3.118	64	4599m	3.259	ug/l	
7) Trichlorofluoromethane	3.500	101	8588	2.449	ug/l	95
8) Diethyl Ether	3.965	74	2611m	2.025	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.359	101	4690m	2.379	ug/l	
10) 1,1-Dichloroethene	4.353	96	4587m	2.332	ug/l	
11) Methyl Iodide	4.589	142	5478	2.119	ug/l	88
12) Methyl Acetate	5.036	43	5283m	2.145	ug/l	
13) Acrolein	4.171	56	4421m	9.664	ug/l	
14) Acrylonitrile	5.712	53	11269m	10.185	ug/l	
15) Acetone	4.442	58	3930	12.434	ug/l #	62
16) Carbon Disulfide	4.712	76	13774	2.351	ug/l #	94
17) Allyl chloride	5.036	41	6562m	2.058	ug/l	
18) Methylene Chloride	5.277	84	5762	2.600	ug/l #	83
19) trans-1,2-Dichloroethene	5.794	96	4416	2.121	ug/l	86
20) Diisopropyl ether	6.671	45	12860	1.876	ug/l	97
21) 1,1-Dichloroethane	6.571	63	8964m	2.279	ug/l	
22) cis-1,2-Dichloroethene	7.483	96	5357	2.211	ug/l #	63
23) tert-Butyl Alcohol	5.530	59	4029m	9.494	ug/l	
24) Methyl tert-Butyl Ether	5.800	73	13040	1.984	ug/l #	88
25) Chloroform	7.971	83	9952	2.498	ug/l	85
26) Cyclohexane	8.253	56	6184	1.879	ug/l #	92
29) 1,1-Dichloropropene	8.365	75	5537	2.115	ug/l #	58
30) 2-Butanone	7.488	43	16099	11.550	ug/l #	96
31) 2,2-Dichloropropane	7.488	77	8414	2.735	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	8412	2.514	ug/l #	88
33) Carbon Tetrachloride	8.359	117	7563	2.609	ug/l	89
34) Benzene	8.606	78	20068	2.449	ug/l #	74
35) Methacrylonitrile	7.783	41	3185m	2.142	ug/l	
36) 1,2-Dichloroethane	8.671	62	6900	2.526	ug/l #	85
37) Trichloroethene	9.353	130	4968	2.633	ug/l #	75
38) Methylcyclohexane	9.594	83	5668	1.971	ug/l	91
39) 1,2-Dichloropropane	9.624	63	4899	2.451	ug/l	100
40) Dibromomethane	9.712	93	3395	2.431	ug/l	96
41) Bromodichloromethane	9.888	83	7465	2.518	ug/l	97
42) Vinyl Acetate	6.600	43	46441	9.580	ug/l	97

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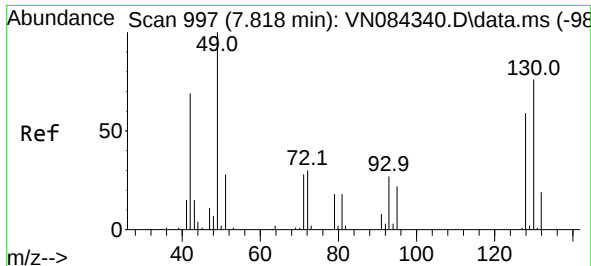
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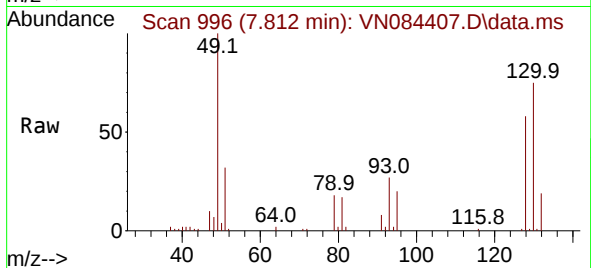
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	5738	2.087	ug/l	95
44) Isopropyl Acetate	8.688	43	10874	2.417	ug/l	94
45) 1,4-Dioxane	9.688	88	1414	34.862	ug/l #	91
46) Methyl methacrylate	9.677	41	4298	1.977	ug/l	91
47) n-amyl Acetate	12.494	43	7289	1.821	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	6362	2.076	ug/l	91
49) cis-1,3-Dichloropropene	10.312	75	7457	2.322	ug/l	94
50) 1,1,2-Trichloroethane	11.023	97	5123	2.729	ug/l #	86
51) Ethyl methacrylate	10.871	69	5849	1.886	ug/l	96
52) 1,3-Dichloropropane	11.165	76	8102	2.468	ug/l	97
53) Dibromochloromethane	11.359	129	5186	2.338	ug/l	96
54) 1,2-Dibromoethane	11.471	107	4474	2.315	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	11753	8.357	ug/l	99
56) Bromoform	12.576	173	3368	2.290	ug/l #	36
58) 4-Methyl-2-Pentanone	10.447	43	28028	9.961	ug/l	94
59) 2-Hexanone	11.194	43	19591	9.370	ug/l	97
61) Tetrachloroethene	11.100	164	4481	2.623	ug/l	89
62) Toluene	10.629	91	21192	2.397	ug/l	98
64) Chlorobenzene	11.888	112	12963	2.356	ug/l	93
65) 1,1,1,2-Tetrachloroethane	11.959	131	4570	2.391	ug/l	94
66) Ethyl Benzene	11.965	91	19452	2.025	ug/l	93
67) m/p-Xylenes	12.070	106	14238	3.907	ug/l	99
68) o-Xylene	12.400	106	7251	2.064	ug/l	91
69) Styrene	12.412	104	10772	1.786	ug/l	96
70) Isopropylbenzene	12.694	105	15995	1.784	ug/l	96
71) 1,1,2,2-Tetrachloroethane	12.941	83	6456	2.327	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	6202m	2.610	ug/l	
73) Bromobenzene	12.976	156	4769	2.196	ug/l	96
74) n-propylbenzene	13.035	91	20056	1.877	ug/l	98
75) 2-Chlorotoluene	13.123	91	13805	2.079	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	14014	1.856	ug/l	96
77) t-1,4-Dichloro-2-butene	12.735	75	1686	1.661	ug/l	83
78) 4-Chlorotoluene	13.217	91	13862	2.053	ug/l	98
79) tert-butylbenzene	13.435	119	11274	1.750	ug/l	96
80) 1,2,4-Trimethylbenzene	13.488	105	12344	1.611	ug/l	96
81) sec-Butylbenzene	13.612	105	16657	1.878	ug/l	97
82) p-Isopropyltoluene	13.729	119	12571	1.684	ug/l	98
83) 1,3-Dichlorobenzene	13.729	146	8213	2.034	ug/l	93
84) 1,4-Dichlorobenzene	13.812	146	8295	2.069	ug/l	96
85) n-Butylbenzene	14.053	91	10116	1.565	ug/l	96
86) Hexachloroethane	14.335	117	3320	2.308	ug/l	89
87) 1,2-Dichlorobenzene	14.106	146	8197	2.099	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	1216	2.143	ug/l	90
89) 1,2,4-Trichlorobenzene	15.841	180	3661m	1.803	ug/l	
90) Hexachlorobutadiene	15.506	225	2294	2.443	ug/l	87
91) Naphthalene	15.635	128	9172	1.333	ug/l #	95
92) 1,2,3-Trichlorobenzene	15.841	180	3661m	1.803	ug/l	

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

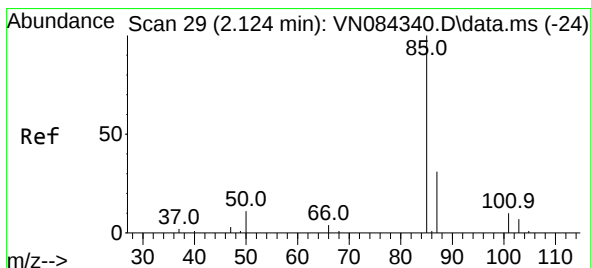
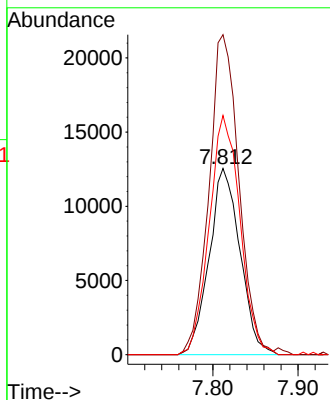
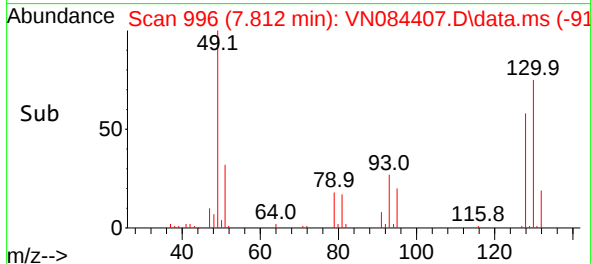
Instrument :
MSVOA_N
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LOD-MDL-WATER-01-QT4-2024



Tgt Ion:128 Resp: 3159
Ion Ratio Lower Upper
128 100
49 167.0 0.0 430.0
130 128.4 0.0 329.8

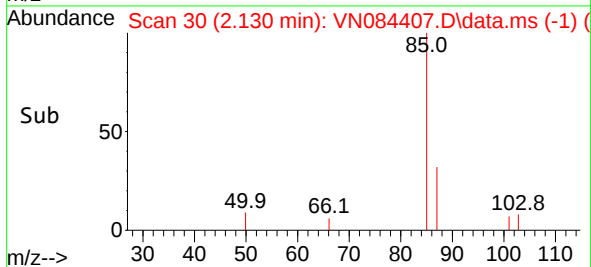
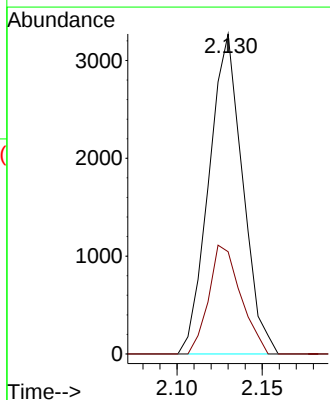
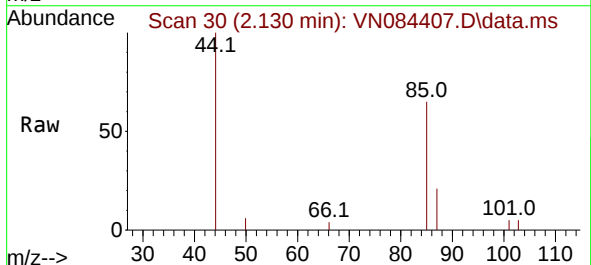
Manual Integrations
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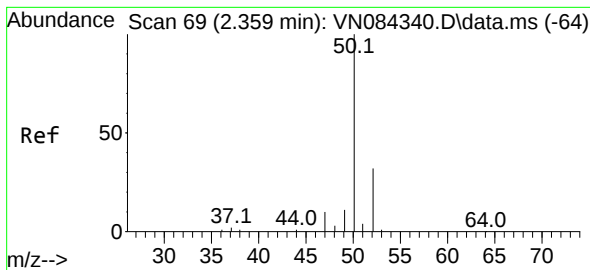
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#2
Dichlorodifluoromethane
Concen: 2.337 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

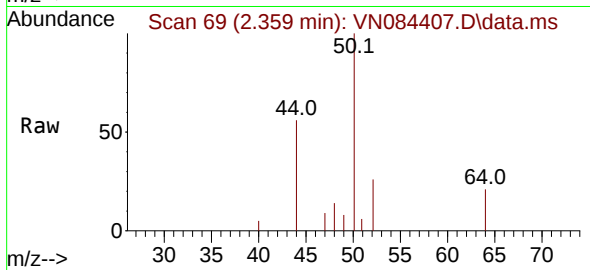
Tgt Ion: 85 Resp: 4507
Ion Ratio Lower Upper
85 100
87 31.9 15.4 46.4





#3
Chloromethane
Concen: 2.695 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

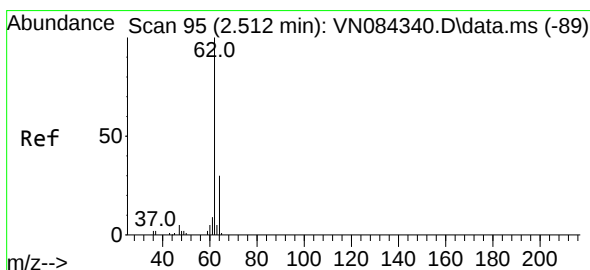
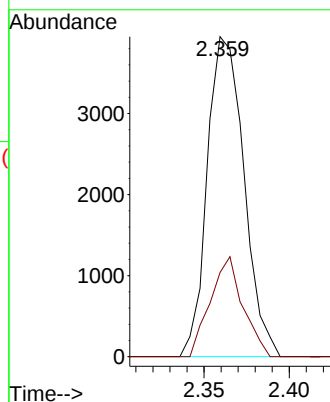
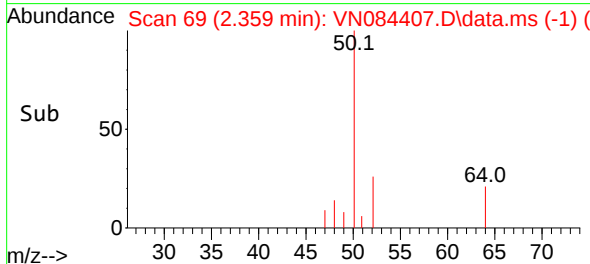
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 50 Resp: 5915
Ion Ratio Lower Upper
50 100
52 26.3 25.8 38.6

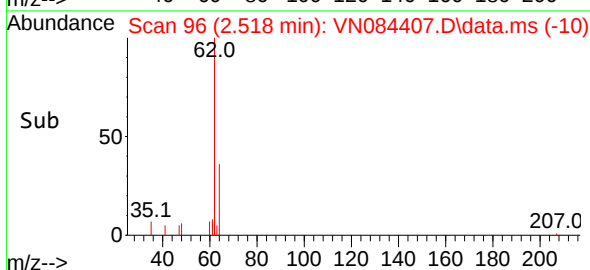
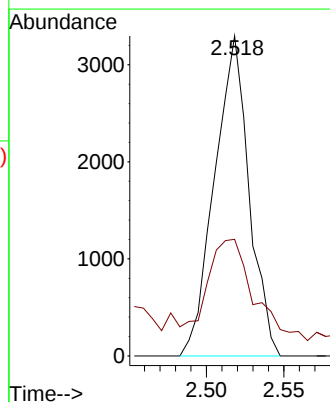
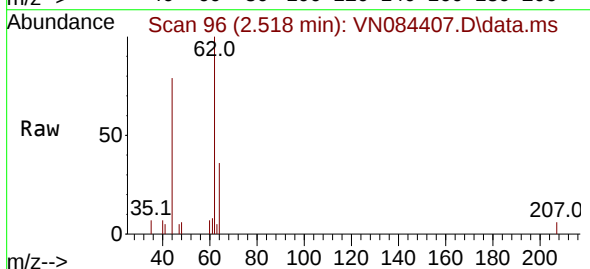
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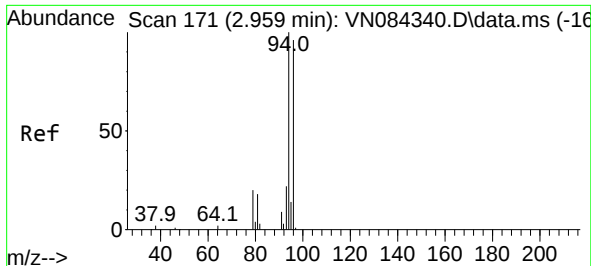
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#4
Vinyl Chloride
Concen: 2.368 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

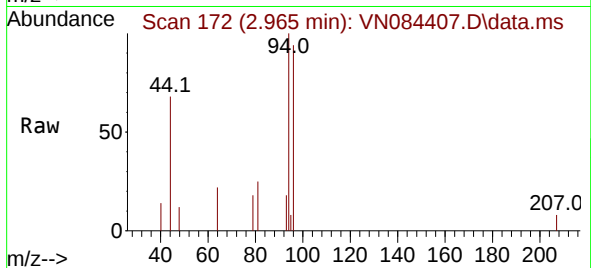
Tgt Ion: 62 Resp: 5098
Ion Ratio Lower Upper
62 100
64 28.2 24.3 36.5





#5
Bromomethane
Concen: 2.904 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

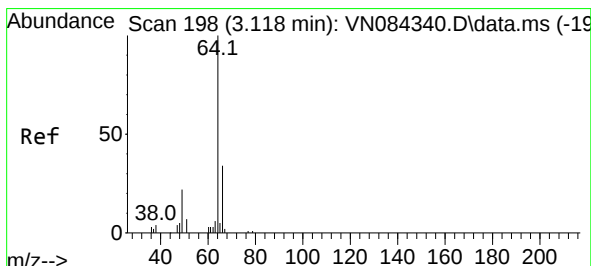
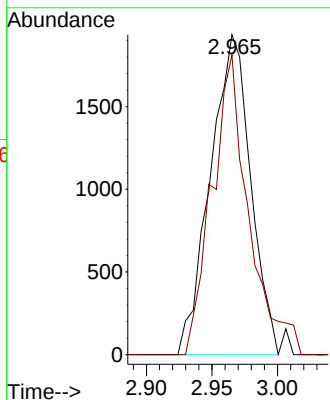
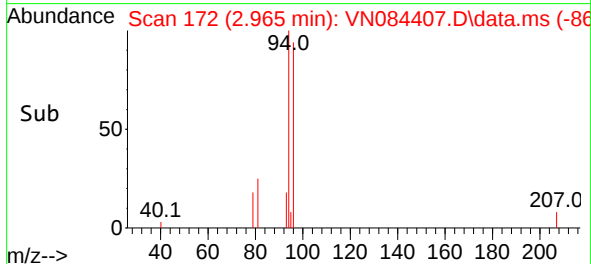
Instrument :
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Tgt Ion: 94 Resp: 414
Ion Ratio Lower Upper
94 100
96 93.7 76.7 115.1

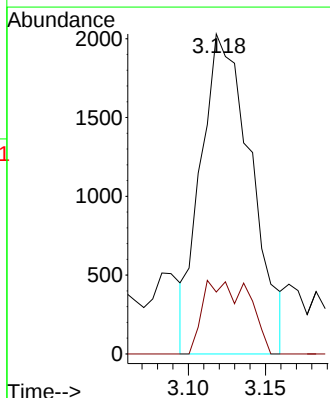
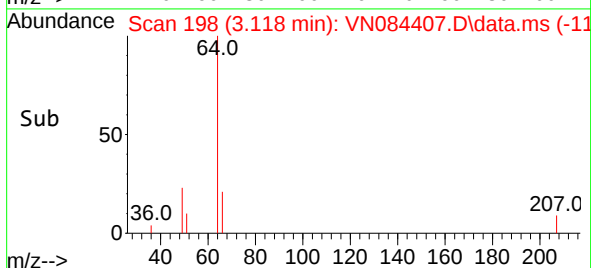
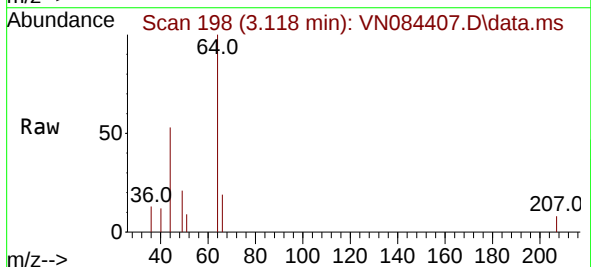
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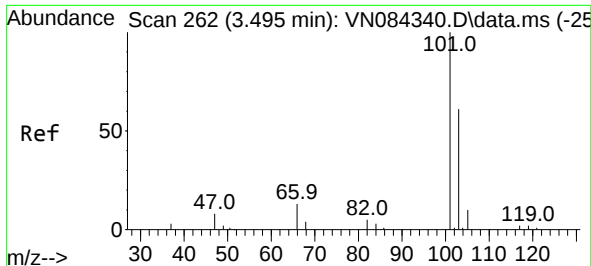
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#6
Chloroethane
Concen: 3.259 ug/l m
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

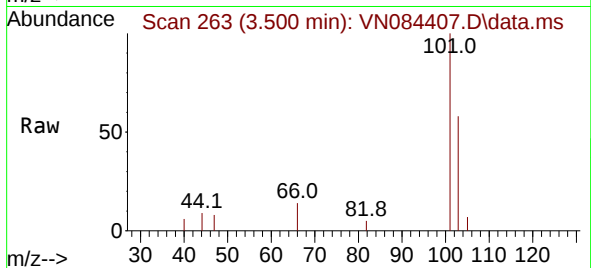
Tgt Ion: 64 Resp: 4599
Ion Ratio Lower Upper
64 100
66 19.4 27.7 41.5#





#7
 Trichlorofluoromethane
 Concen: 2.449 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN084407.D
 Acq: 14 Oct 2024 11:42

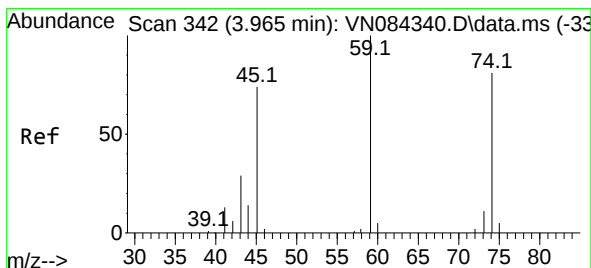
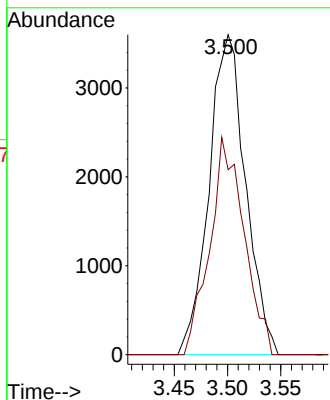
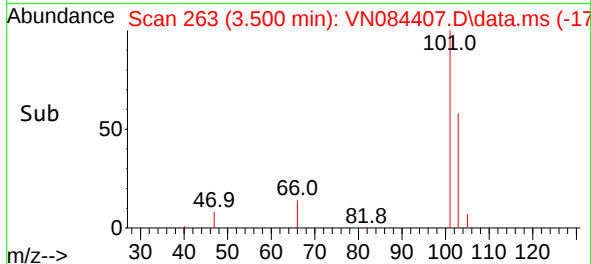
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Tgt Ion: 101 Resp: 858
 Ion Ratio Lower Upper
 101 100
 103 57.8 49.0 73.6

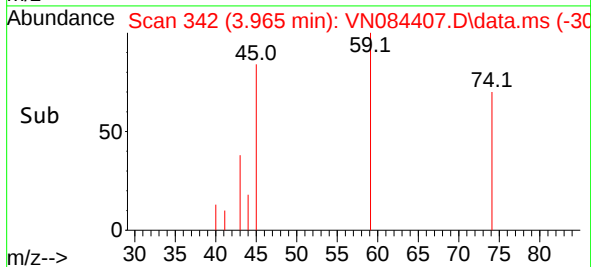
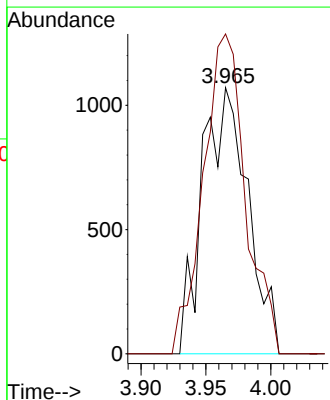
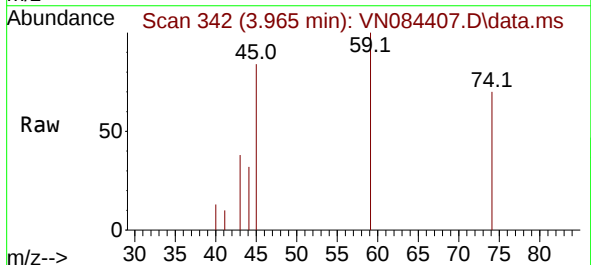
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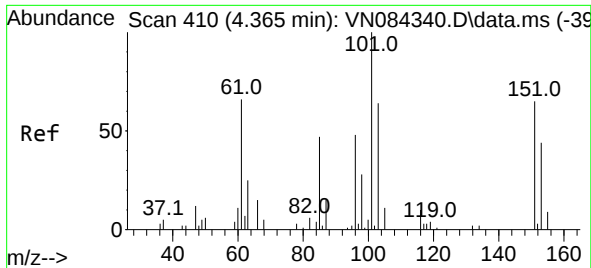
Reviewed By :John Carlone 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#8
 Diethyl Ether
 Concen: 2.025 ug/l m
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN084407.D
 Acq: 14 Oct 2024 11:42

Tgt Ion: 74 Resp: 2611
 Ion Ratio Lower Upper
 74 100
 45 111.4 19.2 173.2





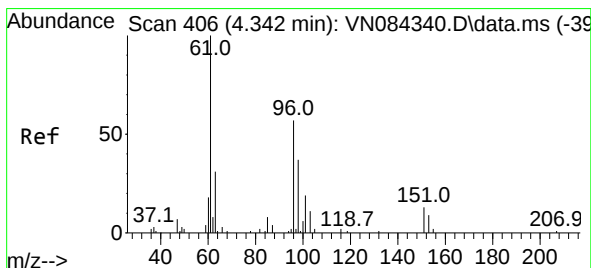
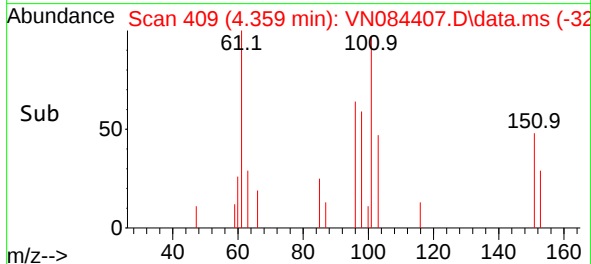
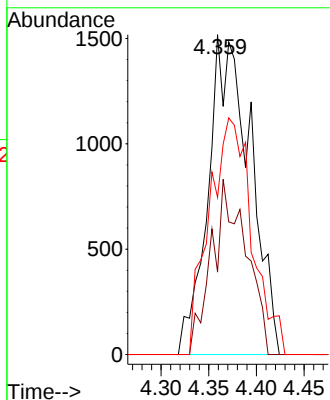
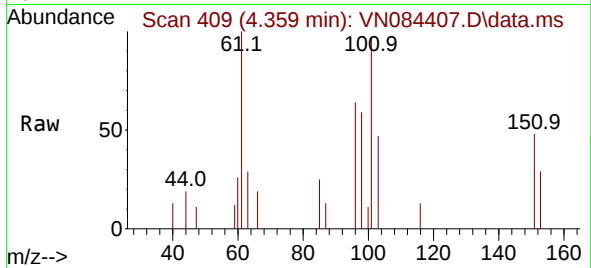
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.379 ug/l m
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

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

Tgt Ion:101 Resp: 4690
Ion Ratio Lower Upper
101 100
85 16.3 0.0 93.6
151 2.8 0.0 151.8

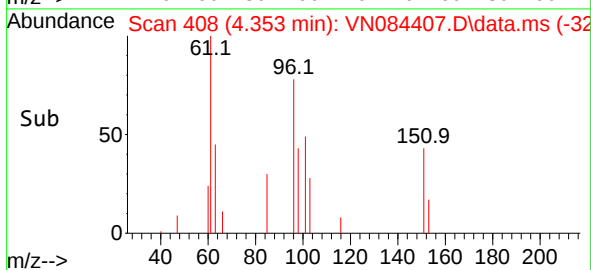
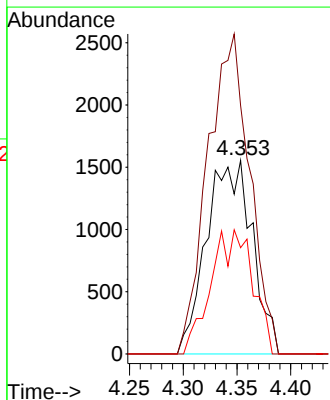
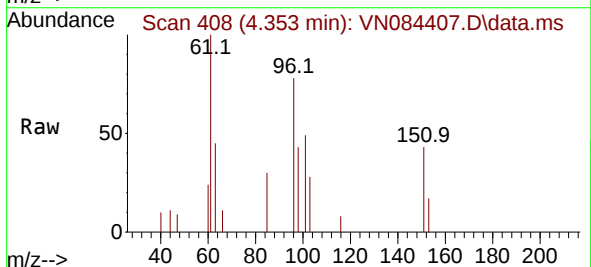
Manual Integrations
APPROVED

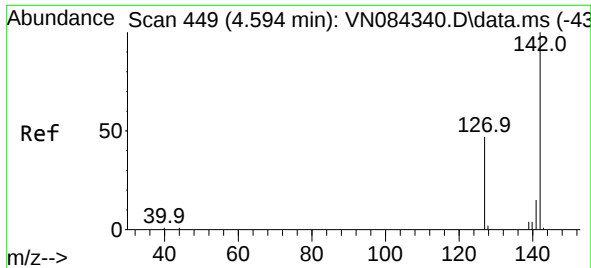
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#10
1,1-Dichloroethene
Concen: 2.332 ug/l m
RT: 4.353 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

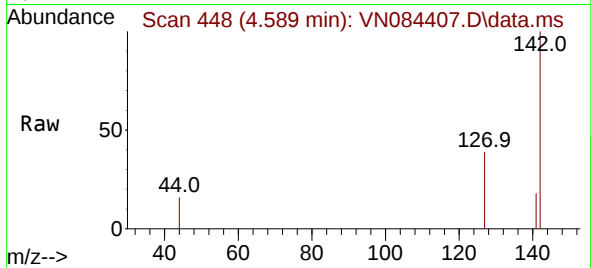
Tgt Ion: 96 Resp: 4587
Ion Ratio Lower Upper
96 100
61 128.3 140.8 211.2#
98 54.9 52.2 78.2





#11
Methyl Iodide
Concen: 2.119 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

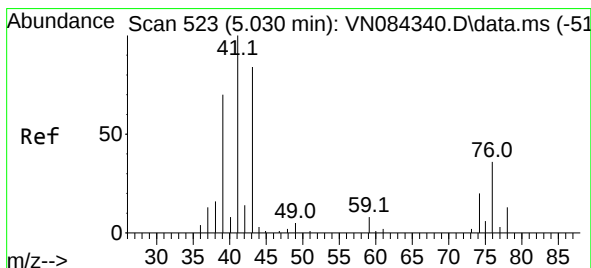
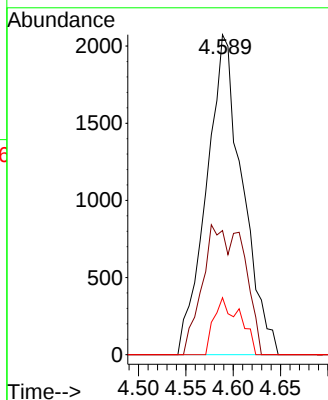
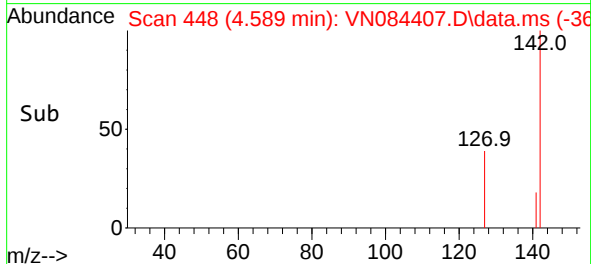
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:142 Resp: 5478
Ion Ratio Lower Upper
142 100
127 38.8 23.8 71.4
141 17.8 7.4 22.2

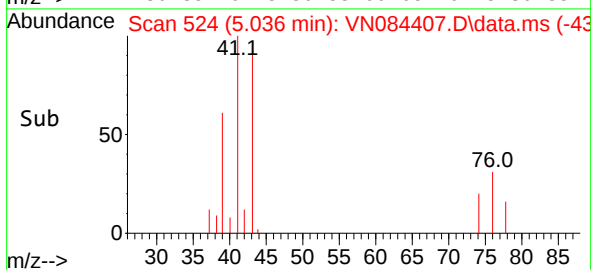
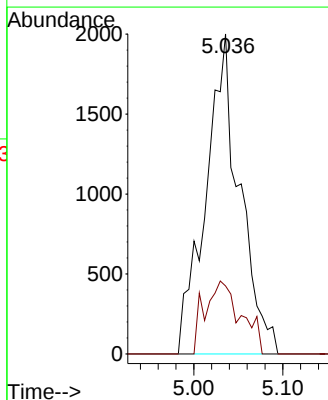
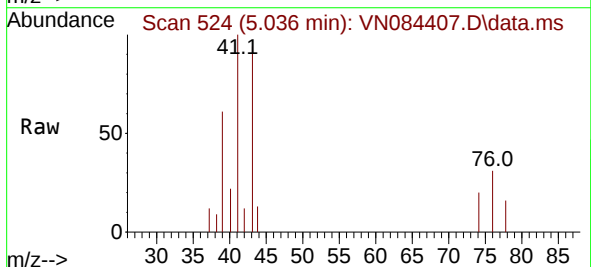
Manual Integrations
APPROVED

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



#12
Methyl Acetate
Concen: 2.145 ug/l m
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

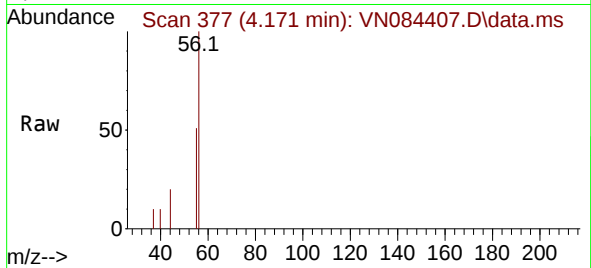
Tgt Ion: 43 Resp: 5283
Ion Ratio Lower Upper
43 100
74 21.2 19.4 29.2





#13
Acrolein
Concen: 9.664 ug/l m
RT: 4.171 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

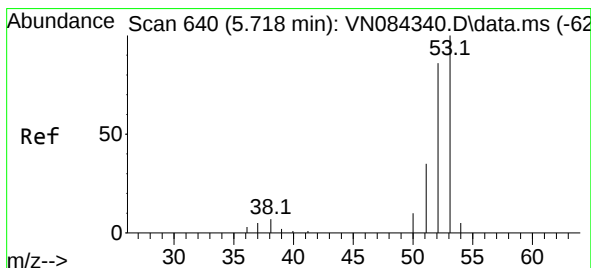
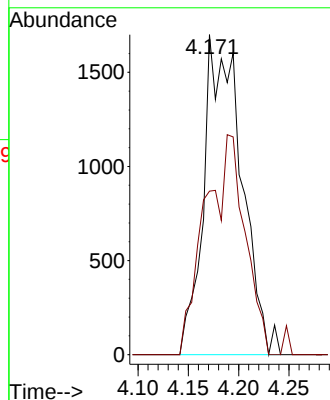
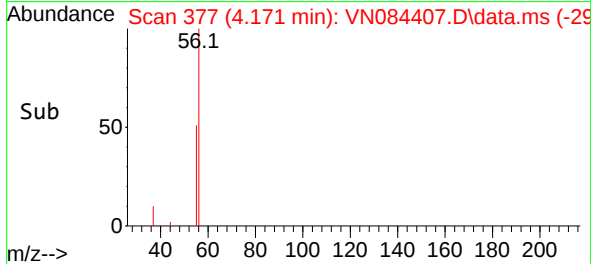
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 56 Resp: 442
Ion Ratio Lower Upper
56 100
55 34.9 56.4 84.6

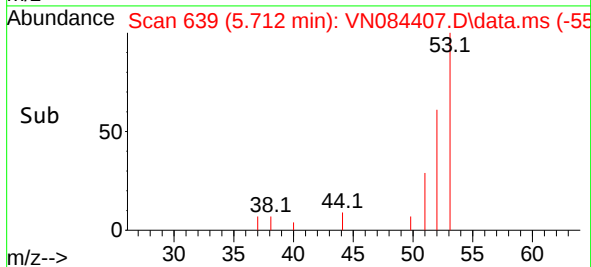
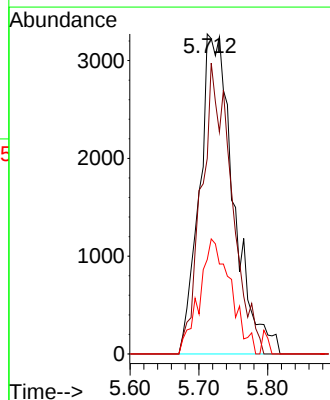
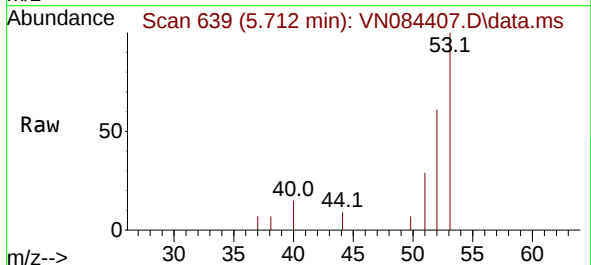
Manual Integrations
APPROVED

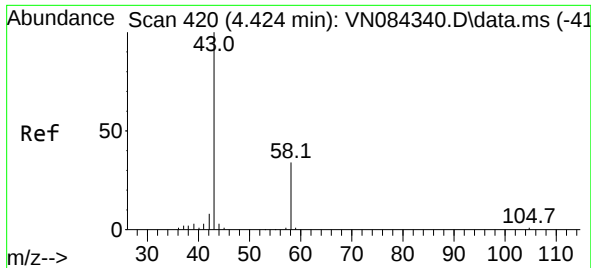
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#14
Acrylonitrile
Concen: 10.185 ug/l m
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

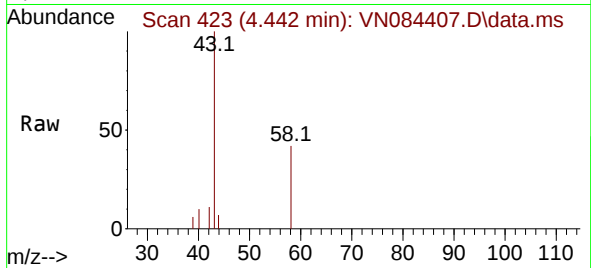
Tgt Ion: 53 Resp: 11269
Ion Ratio Lower Upper
53 100
52 47.5 40.4 121.2
51 31.9 17.8 53.4





#15
Acetone
Concen: 12.434 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

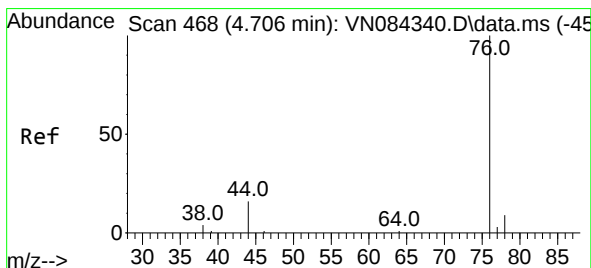
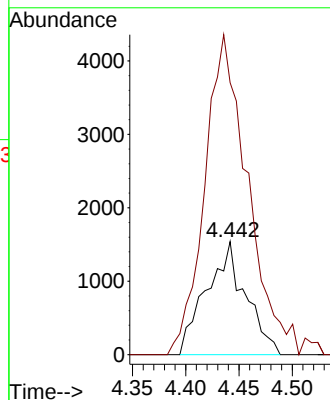
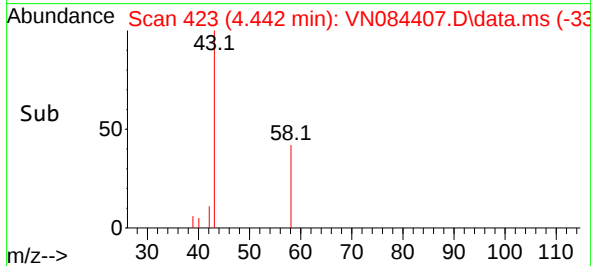
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 58 Resp: 3930
Ion Ratio Lower Upper
58 100
43 221.9 237.5 356.3

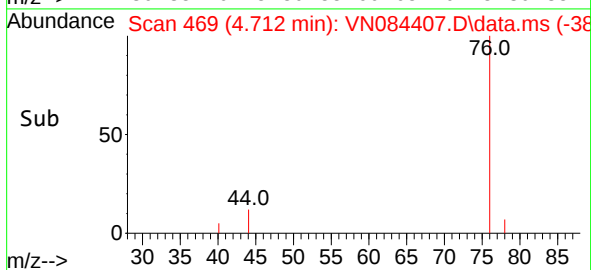
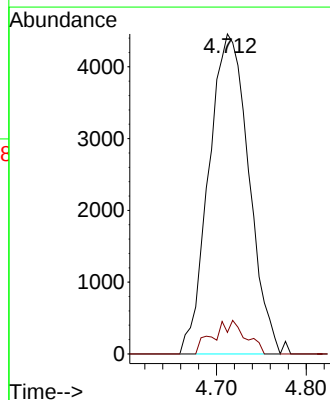
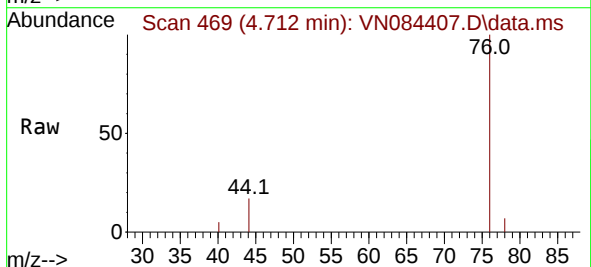
Manual Integrations
APPROVED

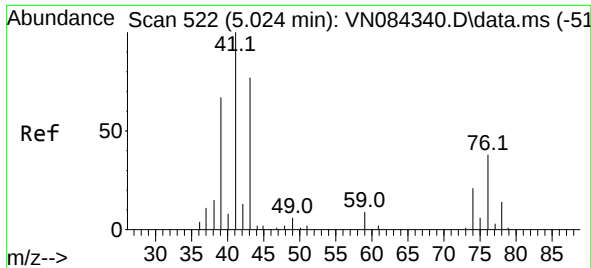
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#16
Carbon Disulfide
Concen: 2.351 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

Tgt Ion: 76 Resp: 13774
Ion Ratio Lower Upper
76 100
78 6.8 7.1 10.7





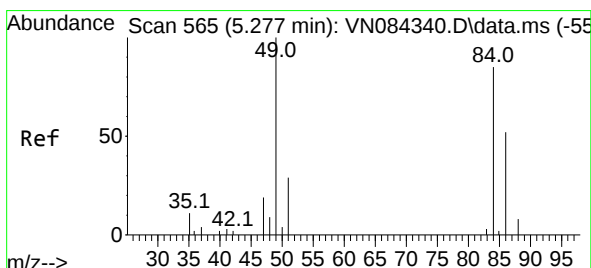
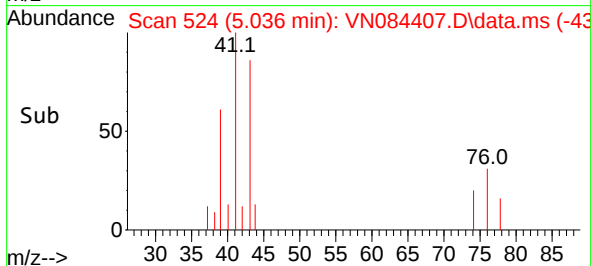
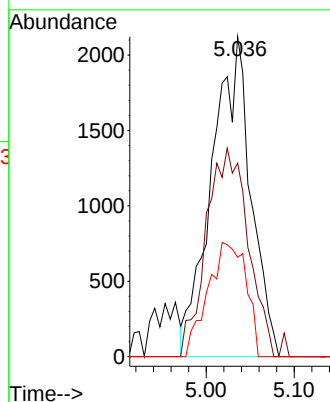
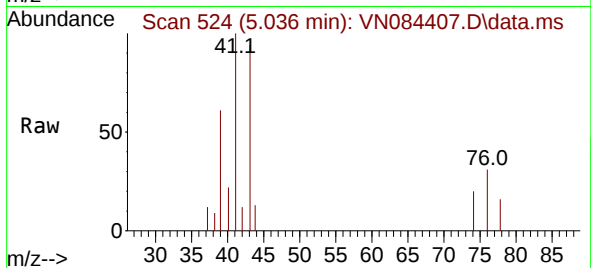
#17
 Allyl chloride
 Concen: 2.058 ug/l m
 RT: 5.036 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VN084407.D
 Acq: 14 Oct 2024 11:42

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

Tgt Ion: 41	Resp: 656
Ion Ratio	Lower Upper
41 100	
39 60.5	31.4 94.3
76 31.1	17.8 53.5

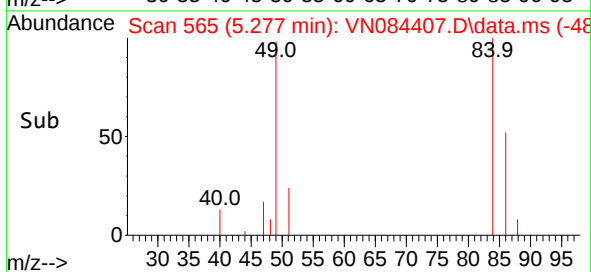
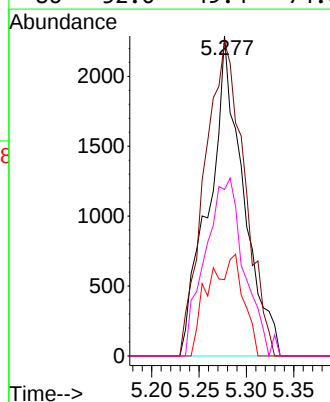
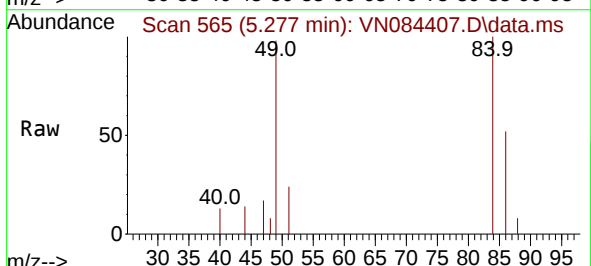
Manual Integrations
 APPROVED

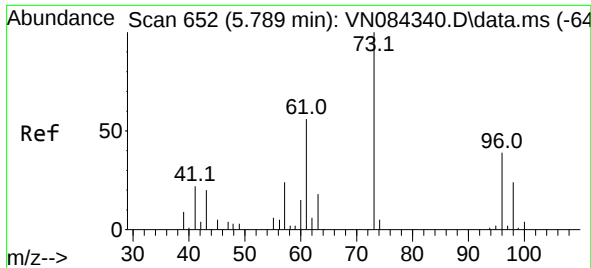
Reviewed By :John Carlone 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#18
 Methylene Chloride
 Concen: 2.600 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN084407.D
 Acq: 14 Oct 2024 11:42

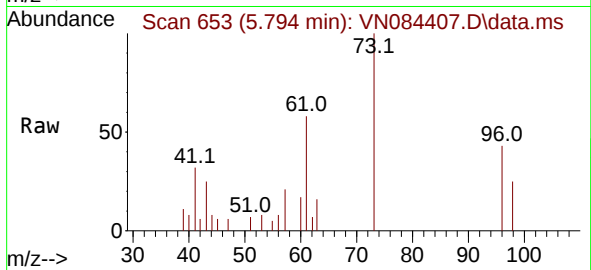
Tgt Ion: 84	Resp: 5762
Ion Ratio	Lower Upper
84 100	
49 98.2	94.6 142.0
51 23.9	27.3 40.9#
86 52.0	49.4 74.0





#19
trans-1,2-Dichloroethene
Concen: 2.121 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

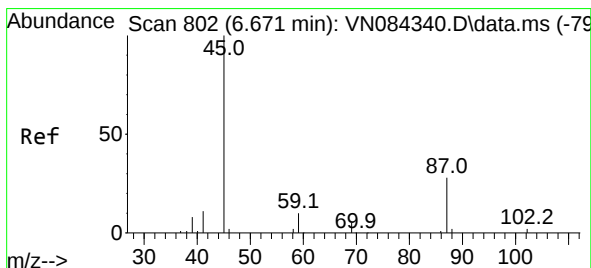
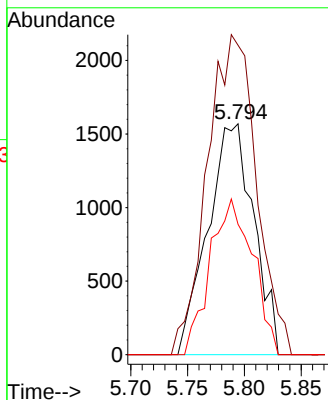
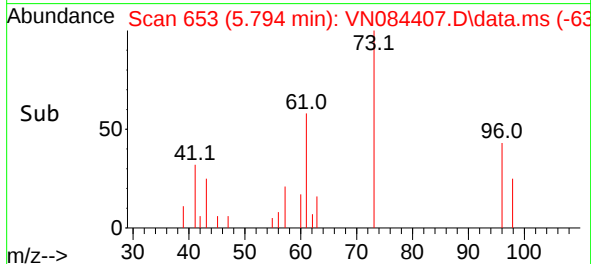
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 96 Resp: 4410
Ion Ratio Lower Upper
96 100
61 122.8 115.8 173.6
98 56.5 49.4 74.0

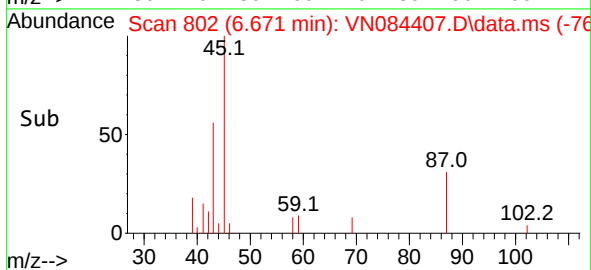
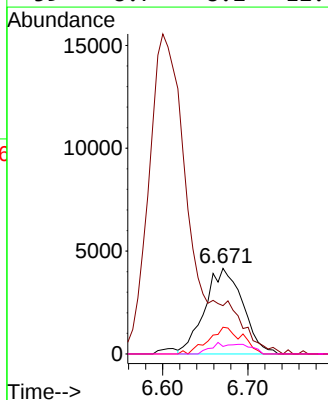
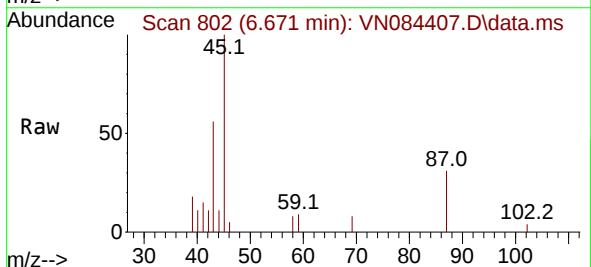
Manual Integrations
APPROVED

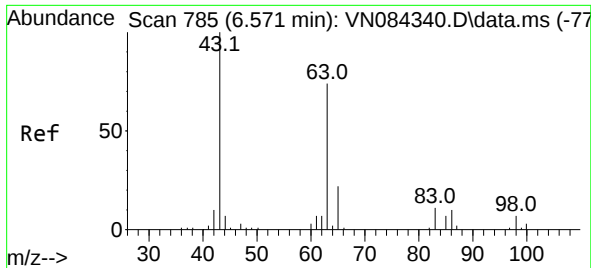
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#20
Diisopropyl ether
Concen: 1.876 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

Tgt Ion: 45 Resp: 12860
Ion Ratio Lower Upper
45 100
43 52.7 43.7 65.5
87 31.2 23.1 34.7
59 8.7 8.2 12.4





#21

1,1-Dichloroethane

Concen: 2.279 ug/l m

RT: 6.571 min Scan# 7

Delta R.T. 0.000 min

Lab File: VN084407.D

Acq: 14 Oct 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

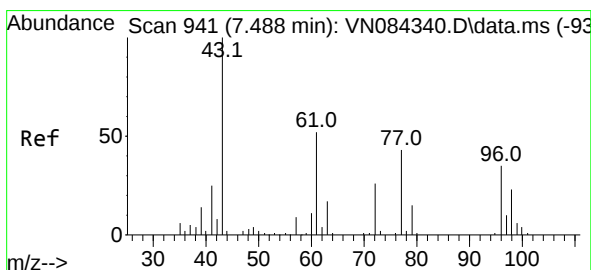
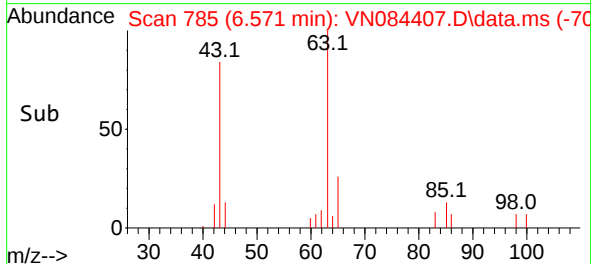
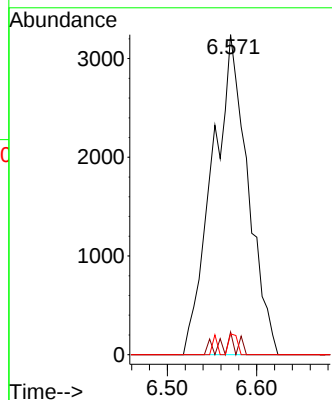
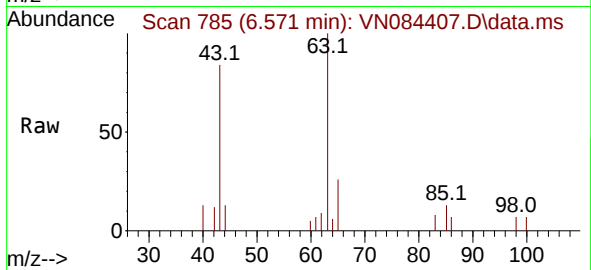
Tgt Ion:	63	Resp:	896
Ion Ratio	Lower	Upper	
63	100		
98	7.1	4.5	13.4
100	6.5	2.1	6.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#22

cis-1,2-Dichloroethene

Concen: 2.211 ug/l

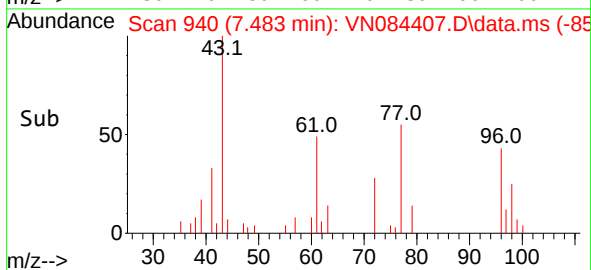
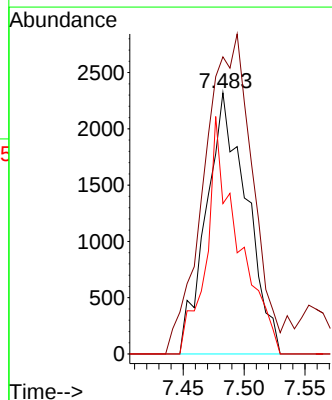
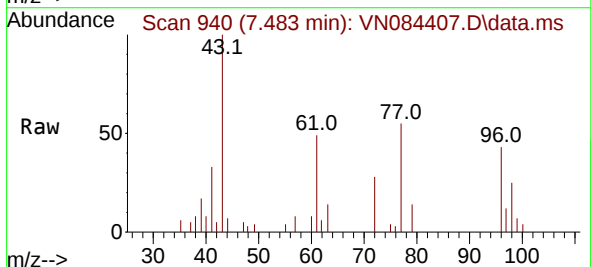
RT: 7.483 min Scan# 940

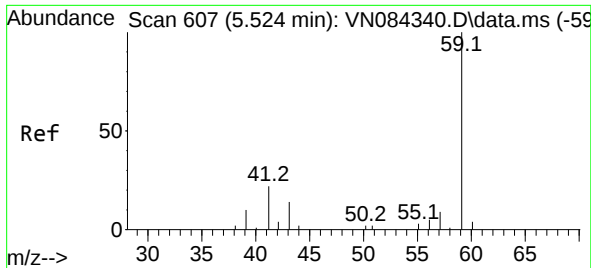
Delta R.T. -0.006 min

Lab File: VN084407.D

Acq: 14 Oct 2024 11:42

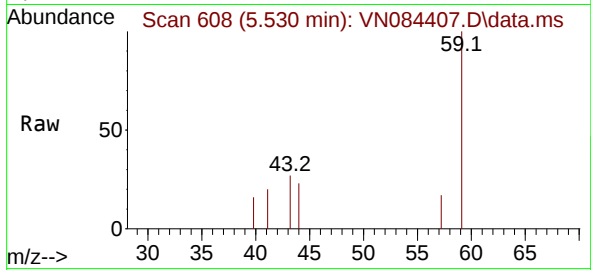
Tgt Ion:	96	Resp:	5357
Ion Ratio	Lower	Upper	
96	100		
61	85.4	118.0	177.0
98	70.9	51.8	77.8





#23
tert-Butyl Alcohol
Concen: 9.494 ug/l m
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

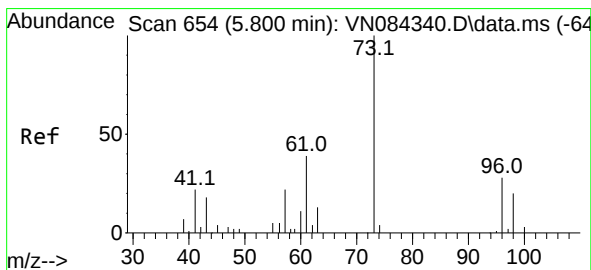
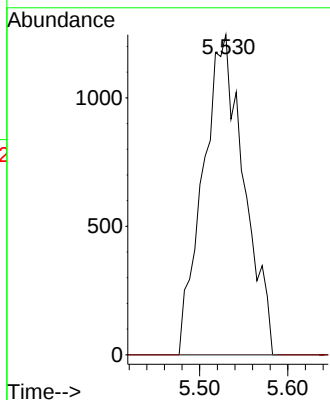
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 59 Resp: 4029
Ion Ratio Lower Upper
59 100
52 132.8 0.0 0.0

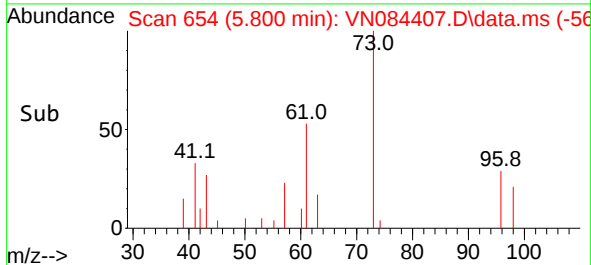
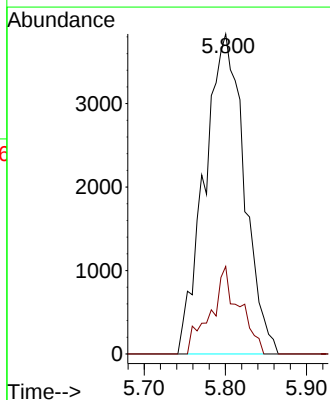
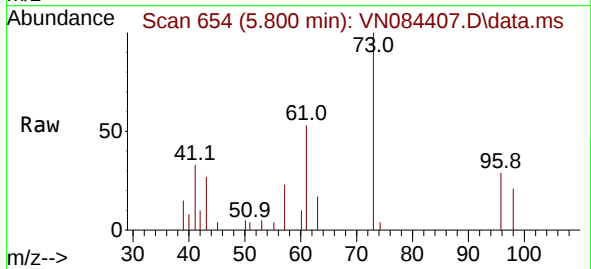
Manual Integrations
APPROVED

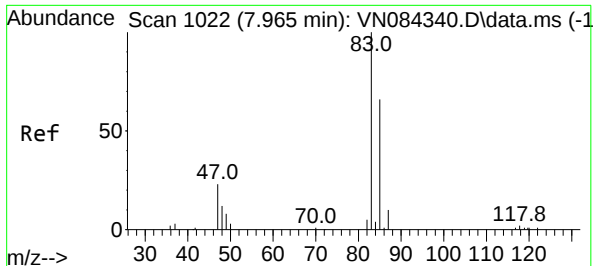
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#24
Methyl tert-Butyl Ether
Concen: 1.984 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

Tgt Ion: 73 Resp: 13040
Ion Ratio Lower Upper
73 100
43 8.9 10.9 16.3





#25

Chloroform

Concen: 2.498 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN084407.D

Acq: 14 Oct 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

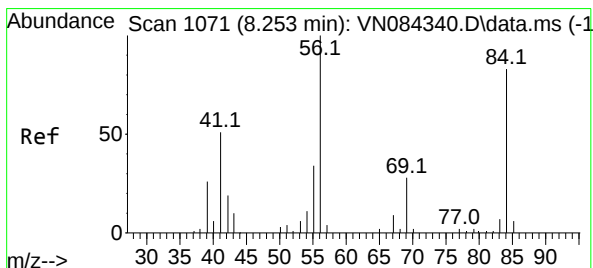
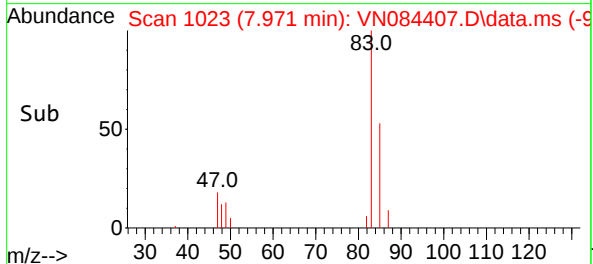
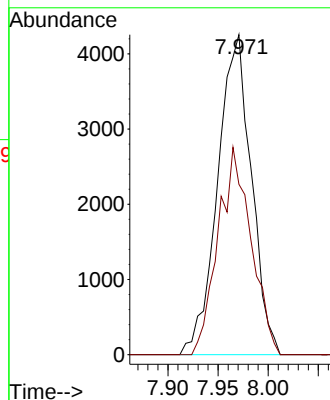
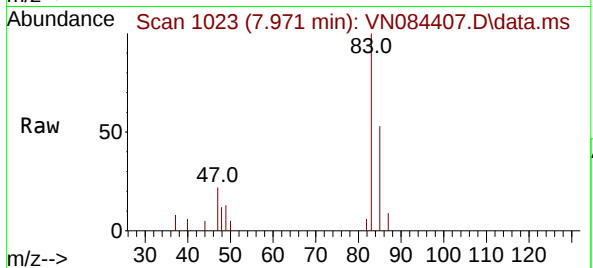
Tgt Ion: 83 Resp: 995
 Ion Ratio Lower Upper
 83 100
 85 53.2 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#26

Cyclohexane

Concen: 1.879 ug/l

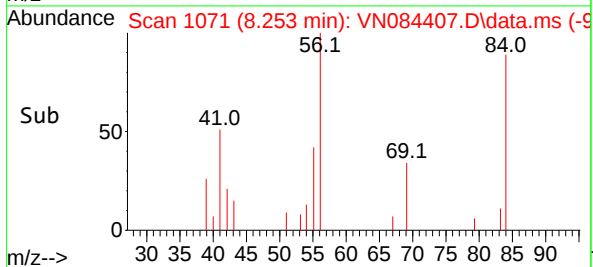
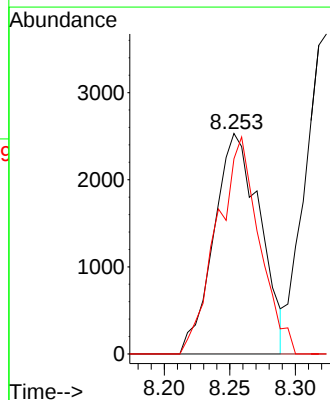
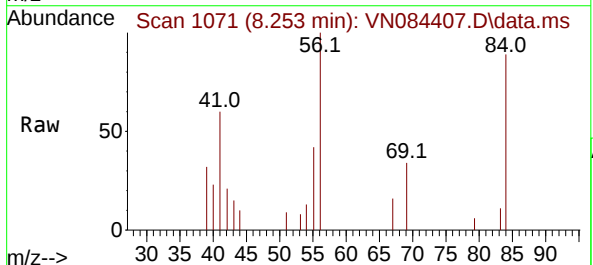
RT: 8.253 min Scan# 1071

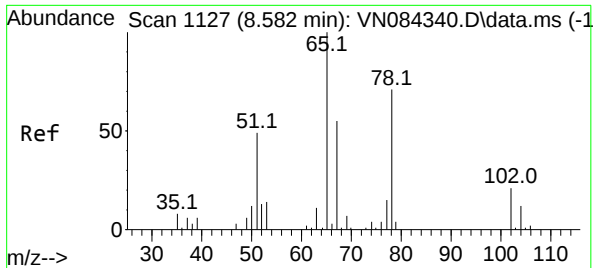
Delta R.T. 0.000 min

Lab File: VN084407.D

Acq: 14 Oct 2024 11:42

Tgt Ion: 56 Resp: 6184
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.0 0.0
 84 90.9 67.0 100.6





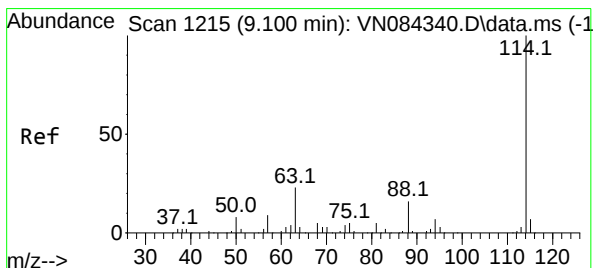
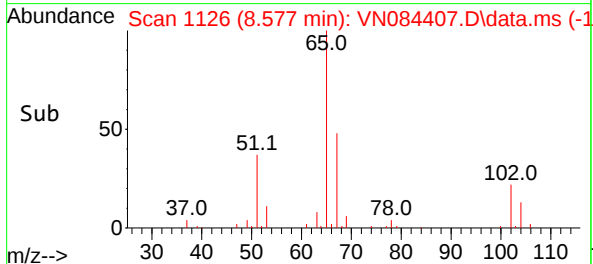
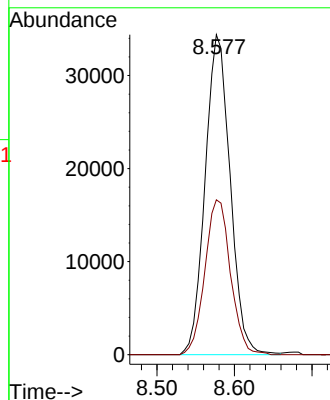
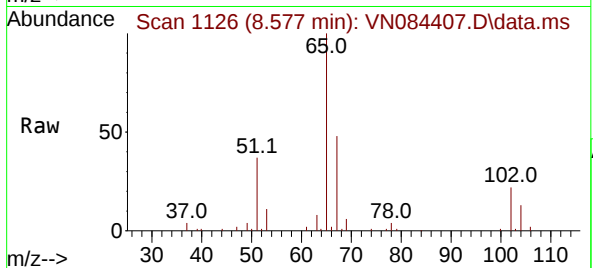
#27
1,2-Dichloroethane-d4
Concen: 30.314 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

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

Tgt Ion: 65 Resp: 77104
Ion Ratio Lower Upper
65 100
67 49.5 41.5 62.3

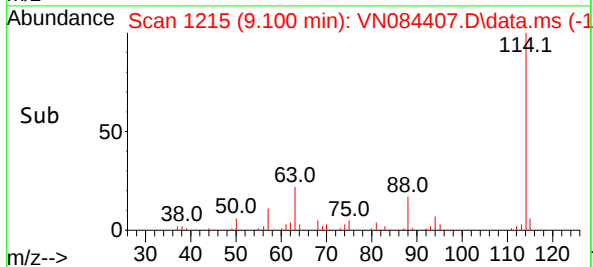
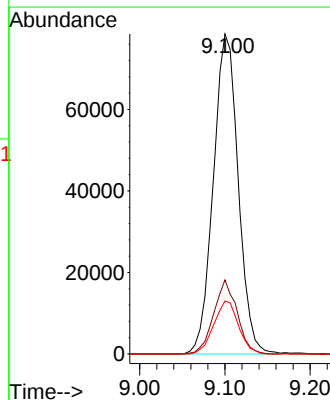
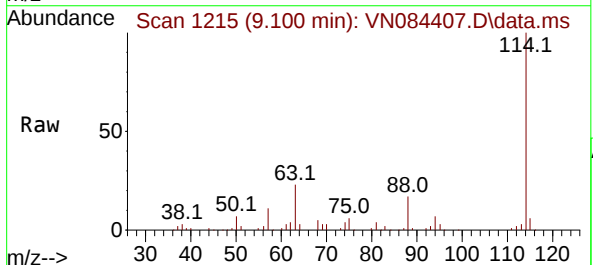
Manual Integrations
APPROVED

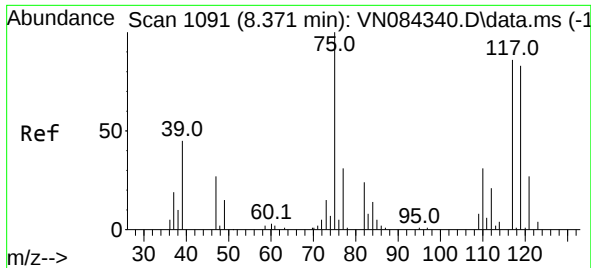
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

Tgt Ion:114 Resp: 159477
Ion Ratio Lower Upper
114 100
63 21.7 17.4 26.0
88 16.4 13.2 19.8





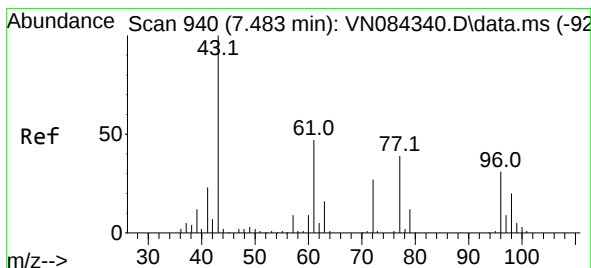
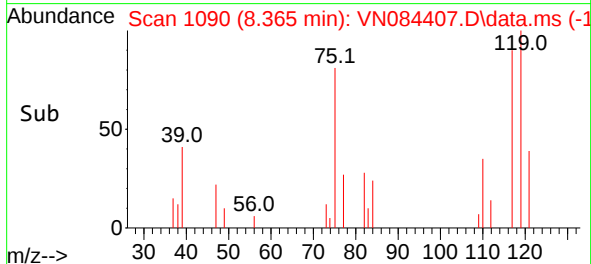
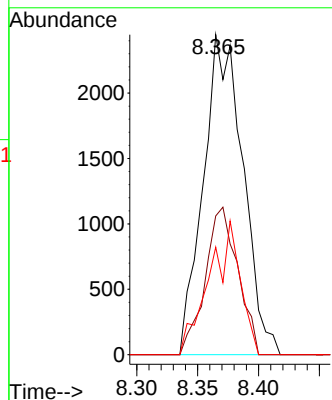
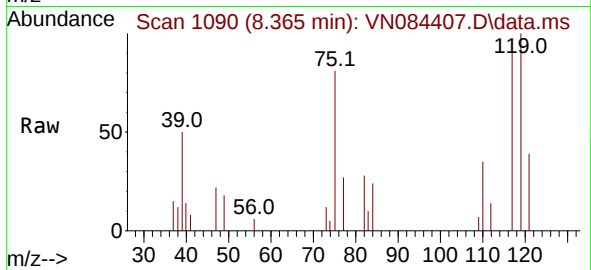
#29
1,1-Dichloropropene
Concen: 2.115 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

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

Tgt Ion: 75	Resp: 553
Ion Ratio	Lower Upper
75 100	
110 0.0	0.0 67.6
77 17.9	0.0 61.4

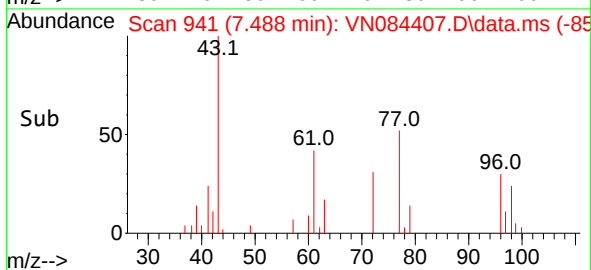
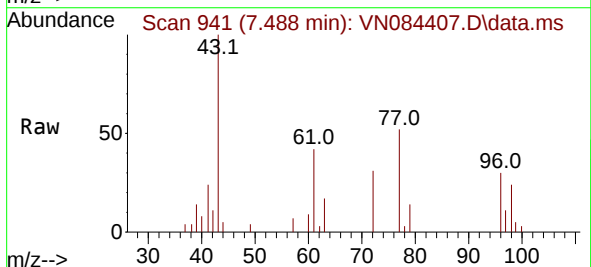
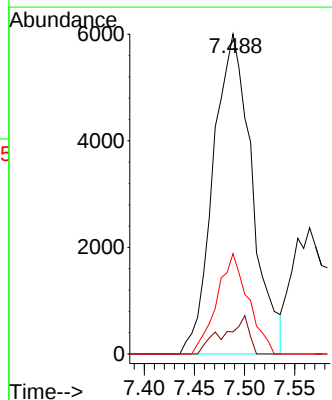
Manual Integrations
APPROVED

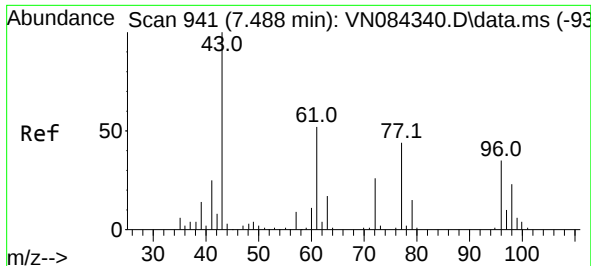
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#30
2-Butanone
Concen: 11.550 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

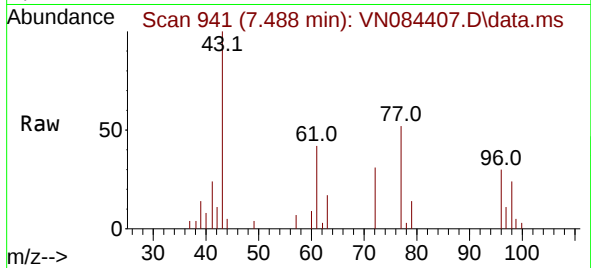
Tgt Ion: 43	Resp: 16099
Ion Ratio	Lower Upper
43 100	
57 5.3	6.6 9.8#
72 25.5	21.3 31.9





#31
2,2-Dichloropropane
Concen: 2.735 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

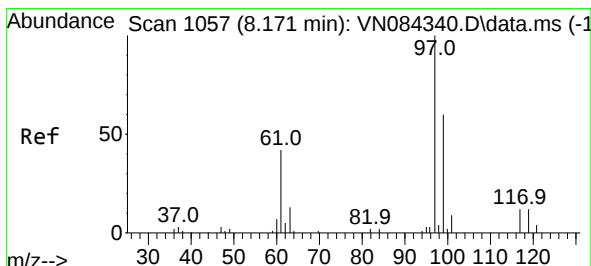
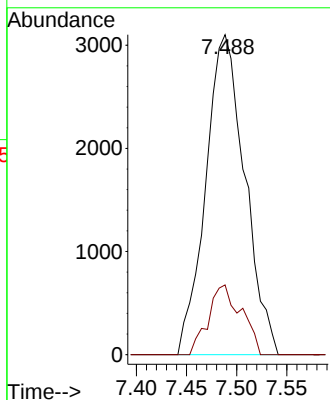
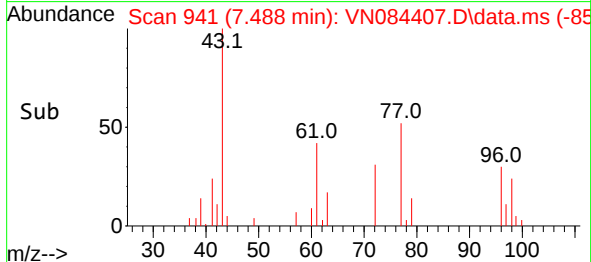
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



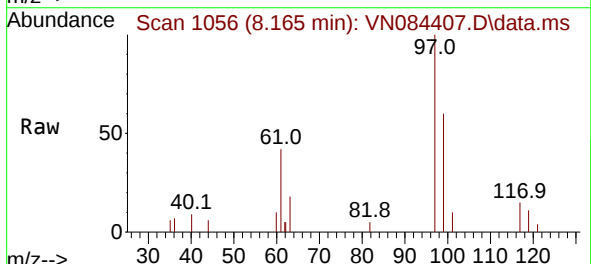
Tgt Ion: 77 Resp: 8414
Ion Ratio Lower Upper
77 100
97 14.3 11.5 17.3

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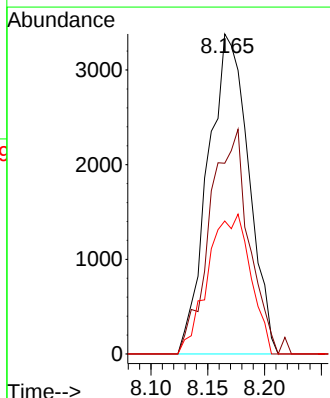
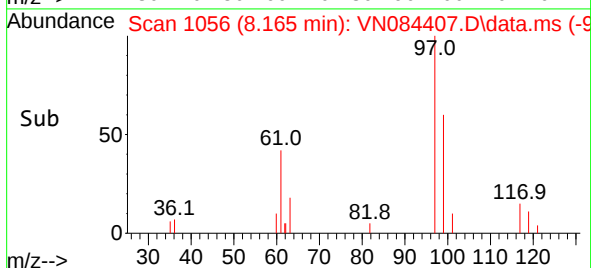
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

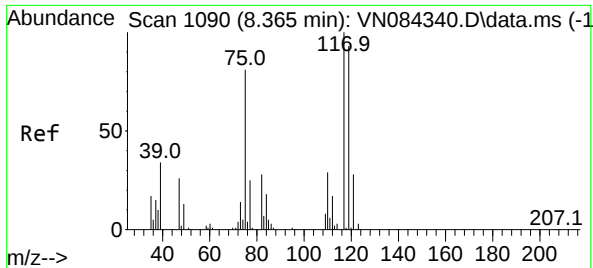


#32
1,1,1-Trichloroethane
Concen: 2.514 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42



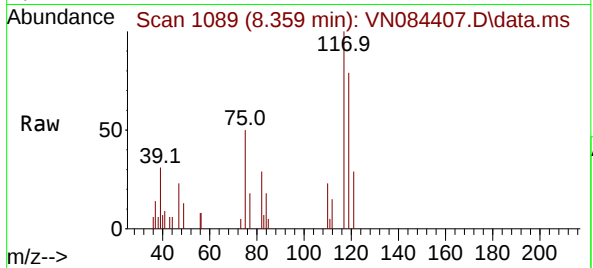
Tgt Ion: 97 Resp: 8412
Ion Ratio Lower Upper
97 100
99 67.5 51.2 76.8
61 27.8 34.1 51.1#





#33
Carbon Tetrachloride
Concen: 2.609 ug/l
RT: 8.359 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

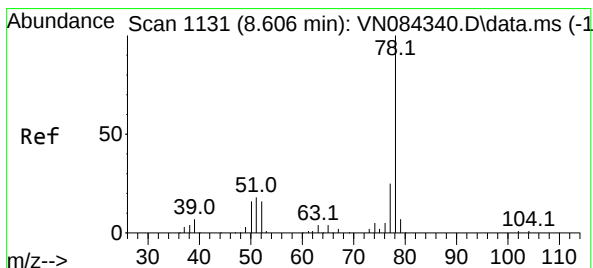
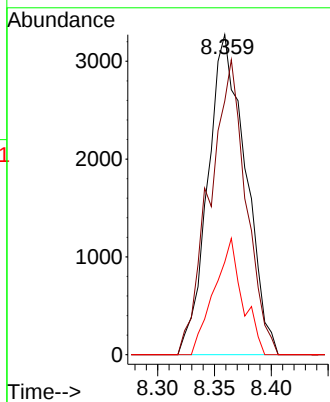
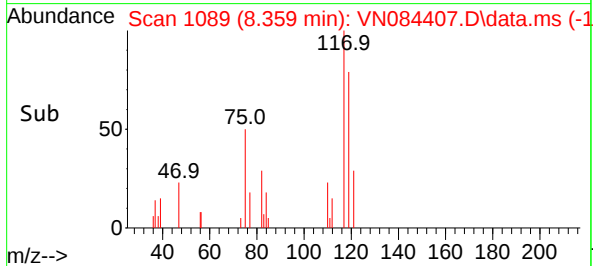
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 117 Resp: 756
Ion Ratio Lower Upper
117 100
119 79.2 74.3 111.5
121 29.0 22.4 33.6

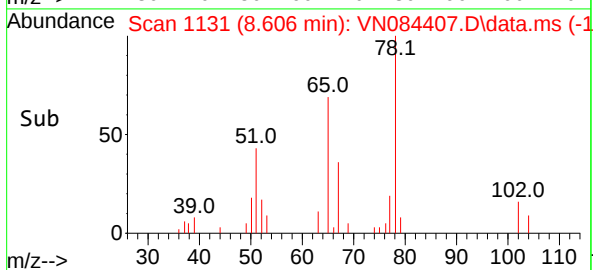
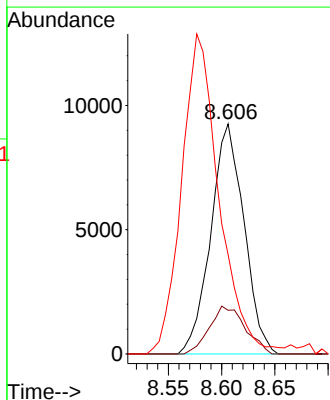
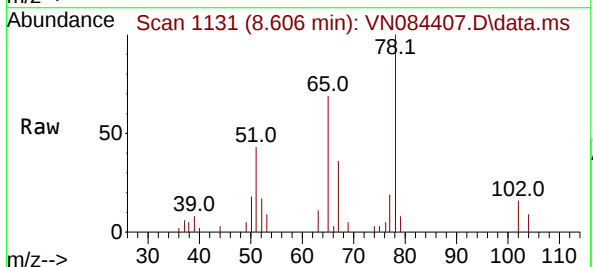
Manual Integrations
APPROVED

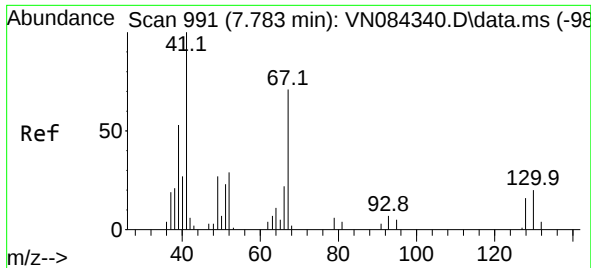
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#34
Benzene
Concen: 2.449 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

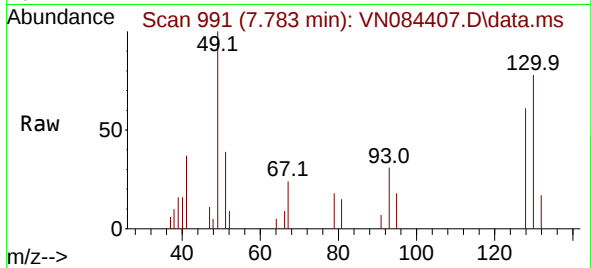
Tgt Ion: 78 Resp: 20068
Ion Ratio Lower Upper
78 100
77 19.0 19.6 29.4#
51 40.4 15.8 23.6#





#35
Methacrylonitrile
Concen: 2.142 ug/l m
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

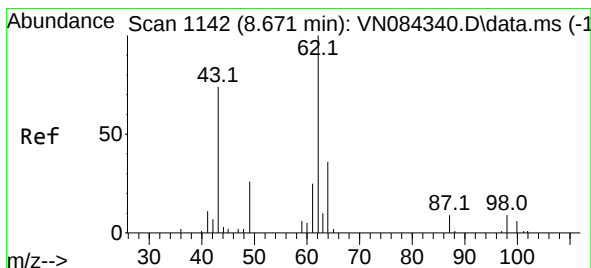
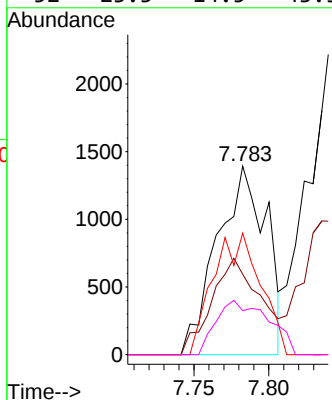
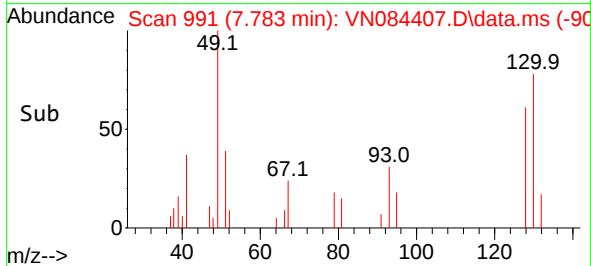
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



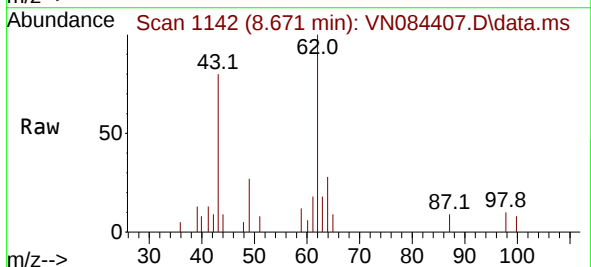
Tgt Ion: 41 Resp: 318
Ion Ratio Lower Upper
41 100
39 42.6 26.4 79.0
67 64.5 35.7 107.1
52 23.3 14.5 43.5

Manual Integrations
APPROVED

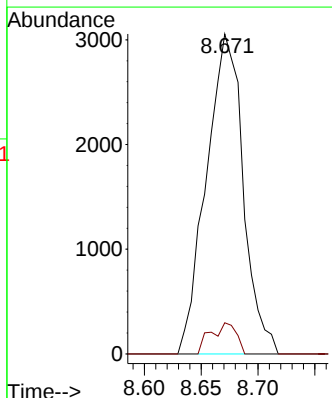
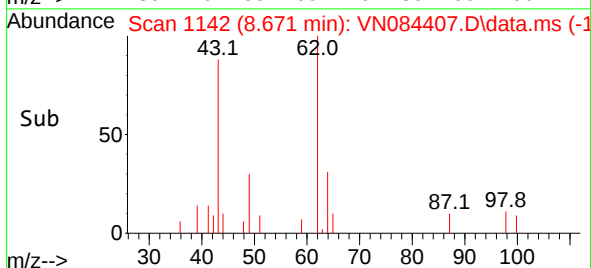
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

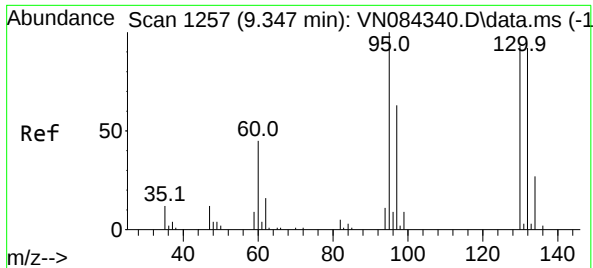


#36
1,2-Dichloroethane
Concen: 2.526 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42



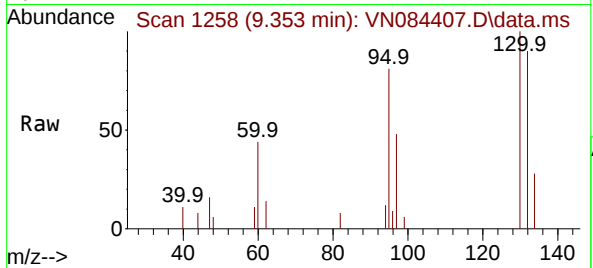
Tgt Ion: 62 Resp: 6900
Ion Ratio Lower Upper
62 100
98 3.8 7.3 10.9





#37
Trichloroethene
Concen: 2.633 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

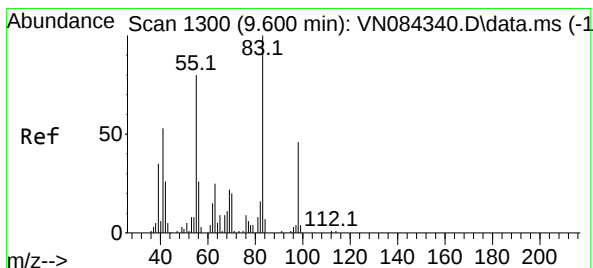
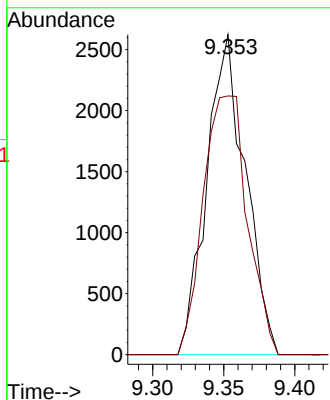
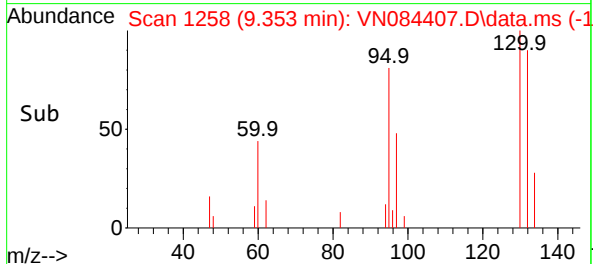
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



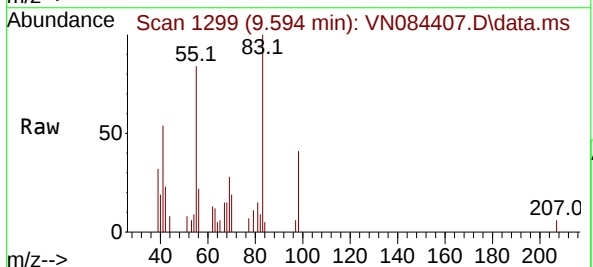
Tgt Ion:130 Resp: 4968
Ion Ratio Lower Upper
130 100
95 80.9 85.8 128.6

Manual Integrations
APPROVED

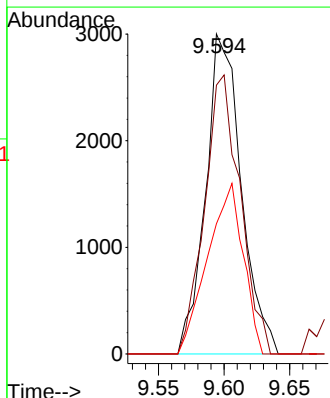
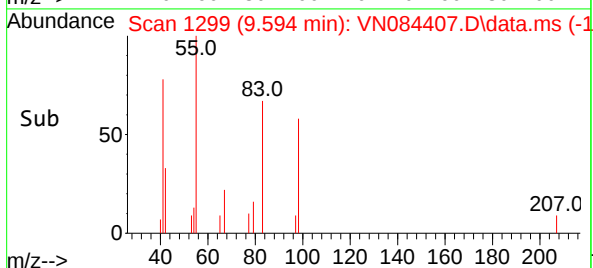
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

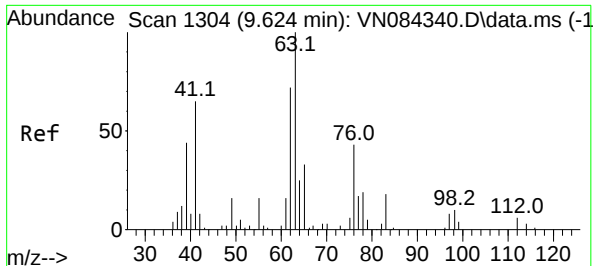


#38
Methylcyclohexane
Concen: 1.971 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42



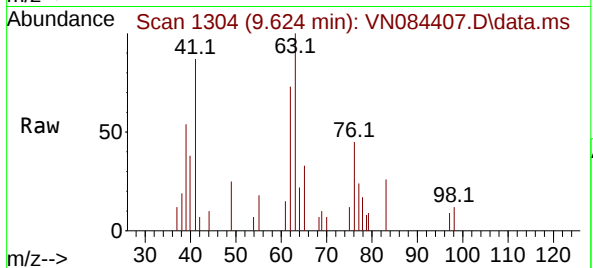
Tgt Ion: 83 Resp: 5668
Ion Ratio Lower Upper
83 100
55 87.3 39.3 117.8
98 53.3 24.0 72.0





#39
1,2-Dichloropropane
Concen: 2.451 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

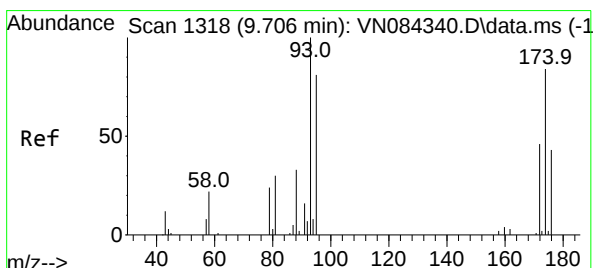
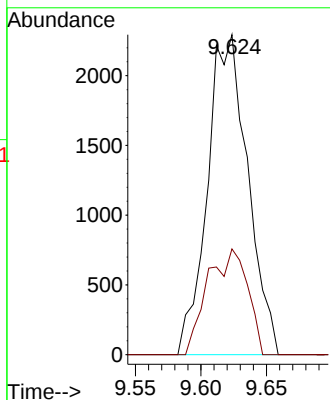
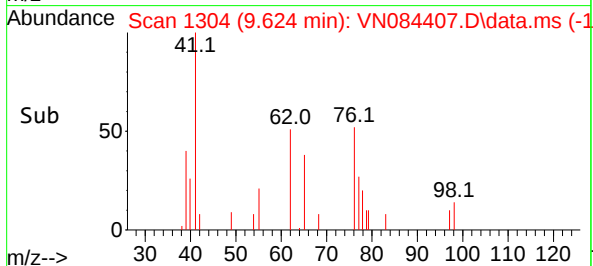
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 63 Resp: 489
Ion Ratio Lower Upper
63 100
65 33.0 26.3 39.5

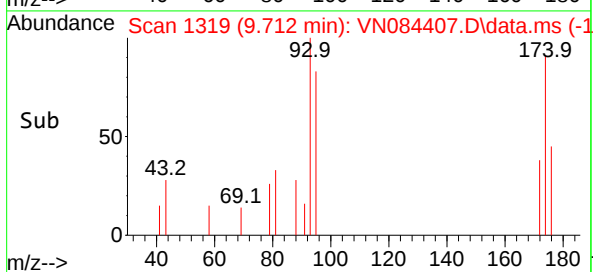
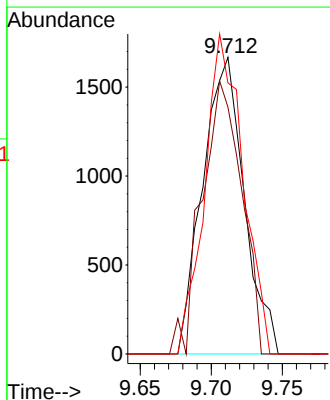
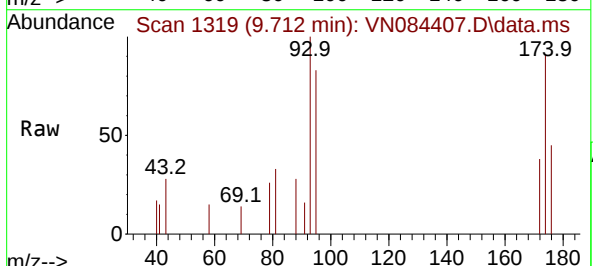
Manual Integrations
APPROVED

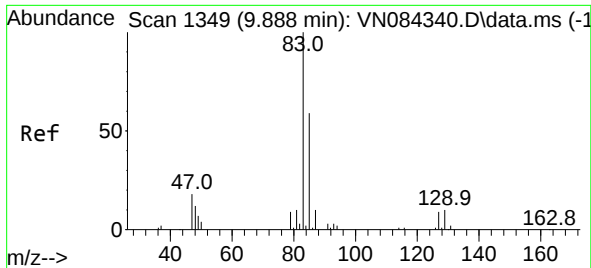
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#40
Dibromomethane
Concen: 2.431 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

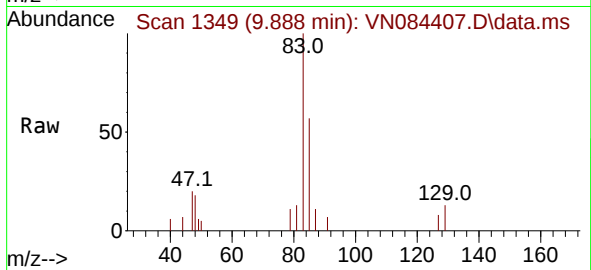
Tgt Ion: 93 Resp: 3395
Ion Ratio Lower Upper
93 100
95 85.8 0.0 171.4
174 99.3 0.0 183.0





#41
Bromodichloromethane
Concen: 2.518 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

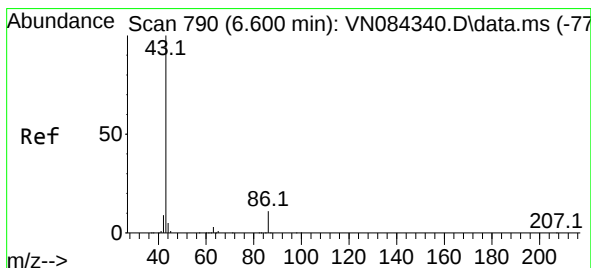
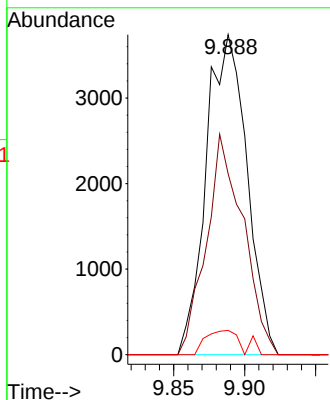
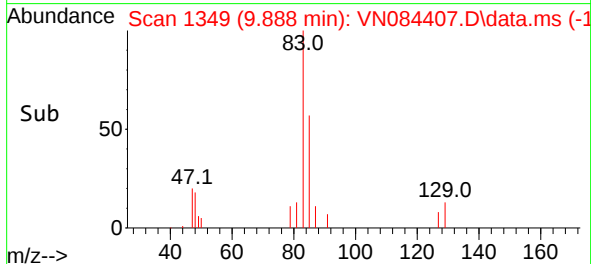
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 83 Resp: 746
Ion Ratio Lower Upper
83 100
85 56.6 47.1 70.7
127 7.6 7.1 10.7

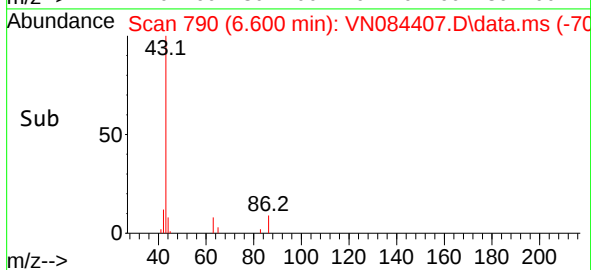
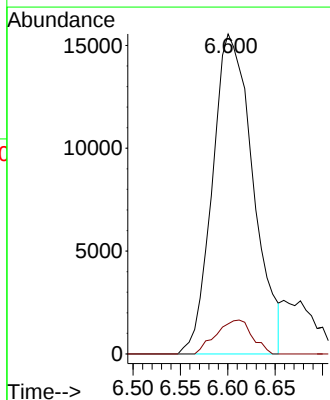
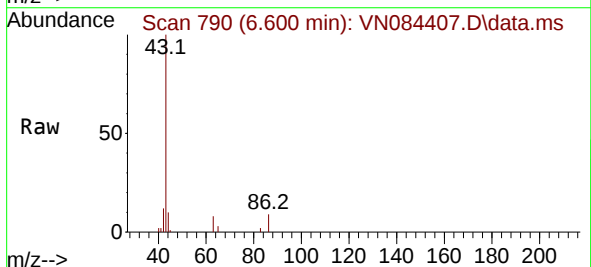
Manual Integrations
APPROVED

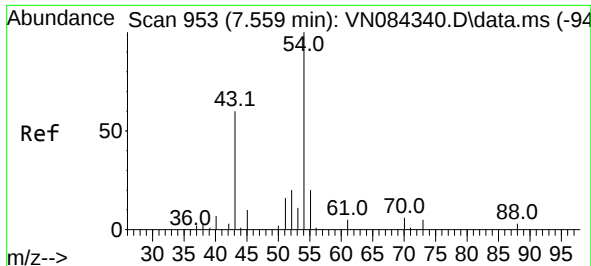
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#42
Vinyl Acetate
Concen: 9.580 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

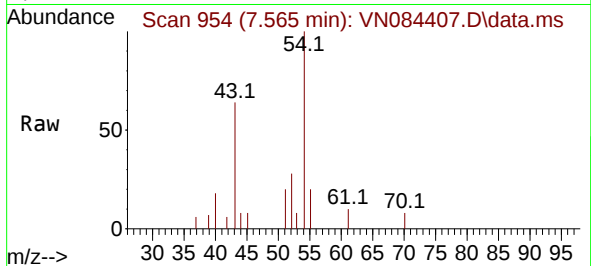
Tgt Ion: 43 Resp: 46441
Ion Ratio Lower Upper
43 100
86 9.4 8.5 12.7





#43
Ethyl Acetate
Concen: 2.087 ug/l
RT: 7.565 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

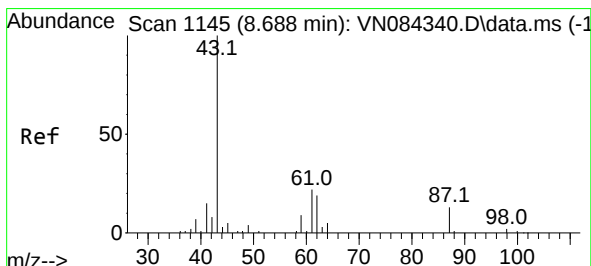
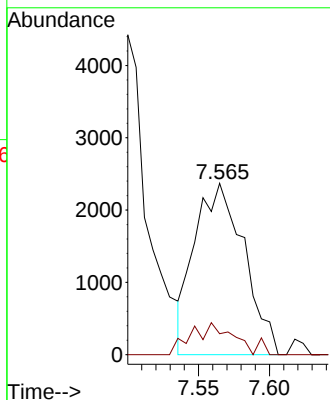
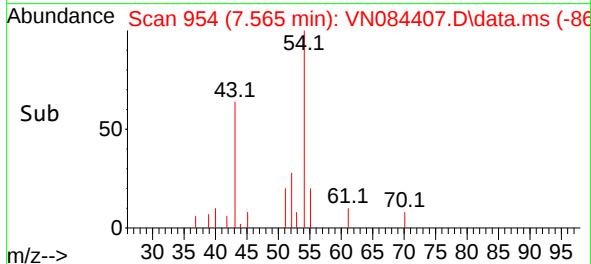
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



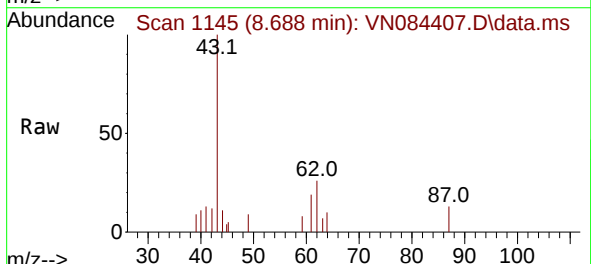
Tgt Ion: 43 Resp: 5738
Ion Ratio Lower Upper
43 100
45 15.1 10.6 16.0

Manual Integrations
APPROVED

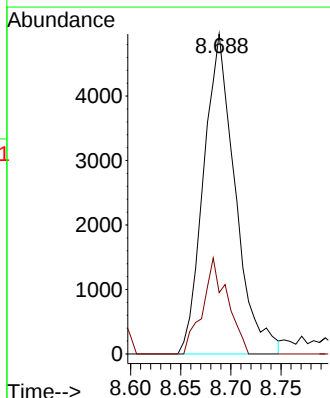
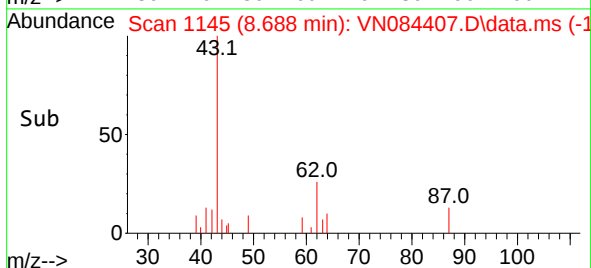
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#44
Isopropyl Acetate
Concen: 2.417 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42



Tgt Ion: 43 Resp: 10874
Ion Ratio Lower Upper
43 100
61 23.7 21.4 32.2





#45

1,4-Dioxane

Concen: 34.862 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.012 min

Lab File: VN084407.D

Acq: 14 Oct 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 88 Resp: 1414

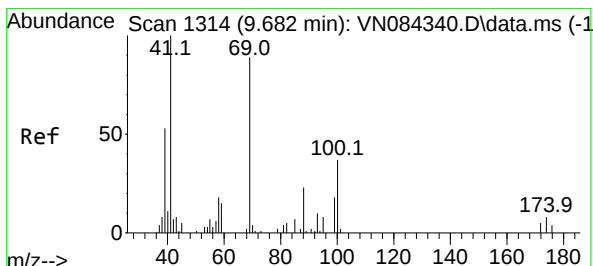
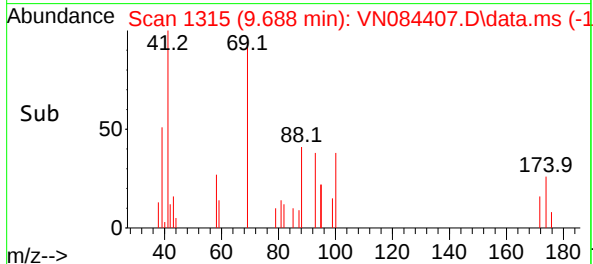
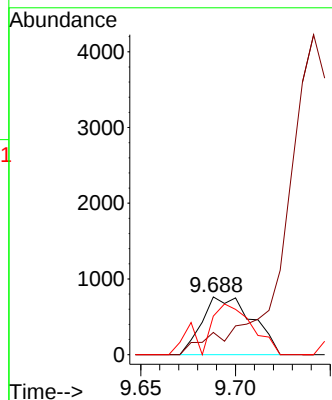
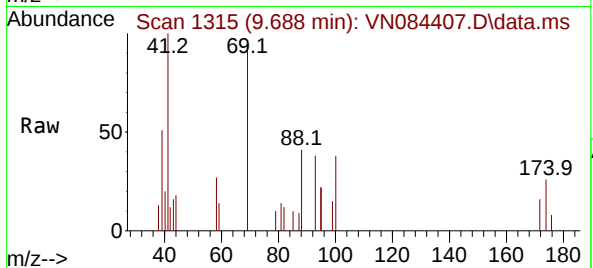
Ion	Ratio	Lower	Upper
88	100		
43	19.8	22.4	33.6
58	68.5	59.7	89.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#46

Methyl methacrylate

Concen: 1.977 ug/l

RT: 9.677 min Scan# 1313

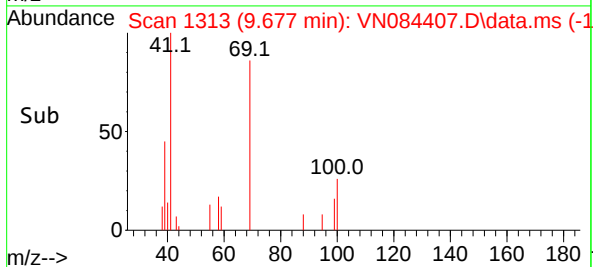
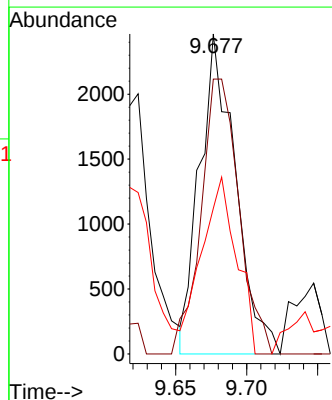
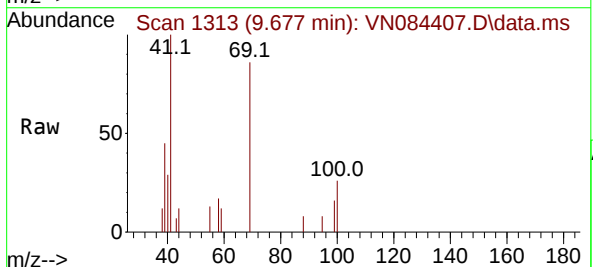
Delta R.T. -0.006 min

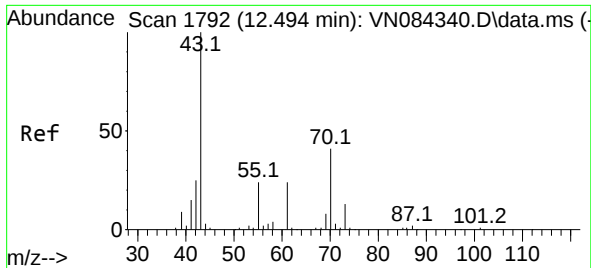
Lab File: VN084407.D

Acq: 14 Oct 2024 11:42

Tgt Ion: 41 Resp: 4298

Ion	Ratio	Lower	Upper
41	100		
69	85.9	42.6	128.0
39	38.8	27.5	82.4





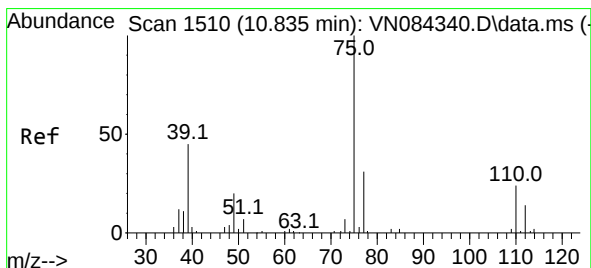
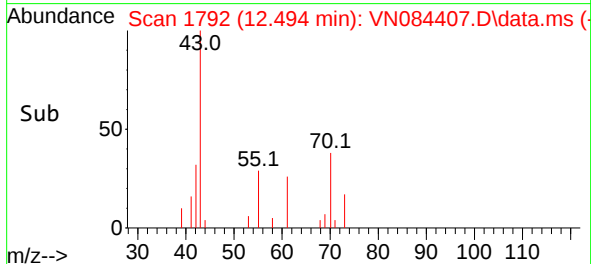
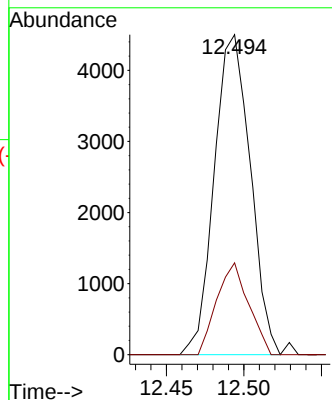
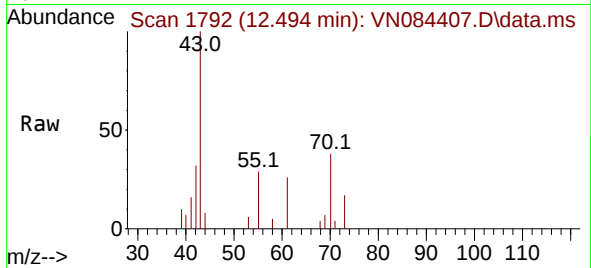
#47
n-amy1 Acetate
Concen: 1.821 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

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

Tgt Ion: 43 Resp: 7289
Ion Ratio Lower Upper
43 100
55 25.3 20.6 31.0

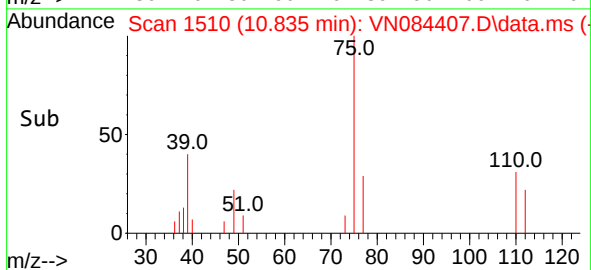
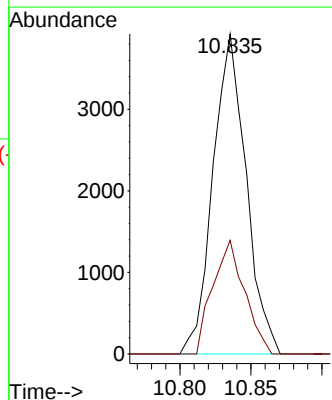
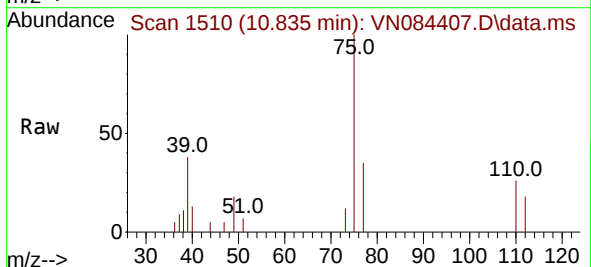
Manual Integrations
APPROVED

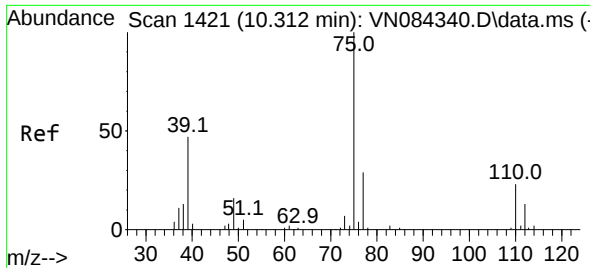
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#48
t-1,3-Dichloropropene
Concen: 2.076 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

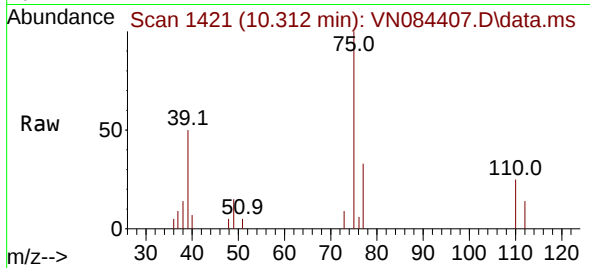
Tgt Ion: 75 Resp: 6362
Ion Ratio Lower Upper
75 100
77 35.5 24.6 37.0





#49
 cis-1,3-Dichloropropene
 Concen: 2.322 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN084407.D
 Acq: 14 Oct 2024 11:42

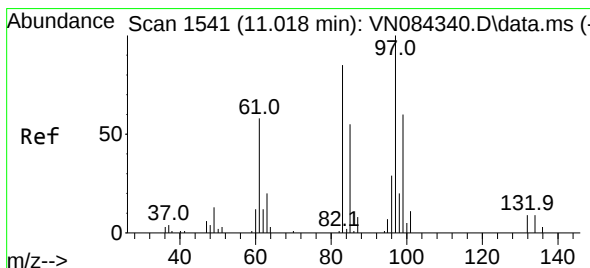
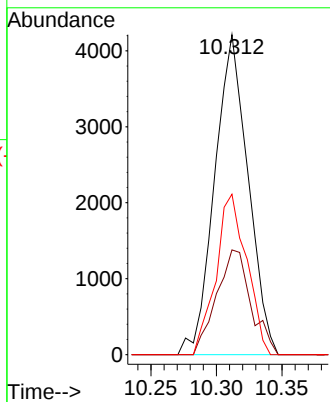
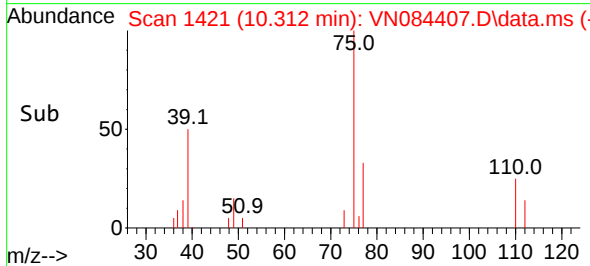
Instrument : MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 75 Resp: 745
 Ion Ratio Lower Upper
 75 100
 77 32.8 22.9 34.3
 39 50.2 37.4 56.2

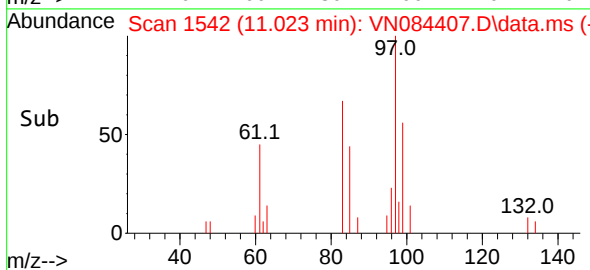
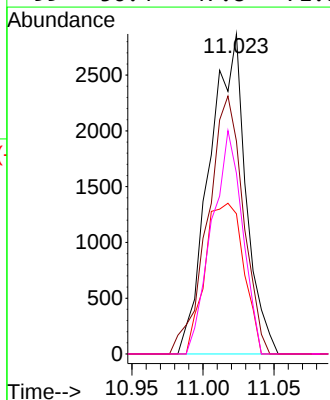
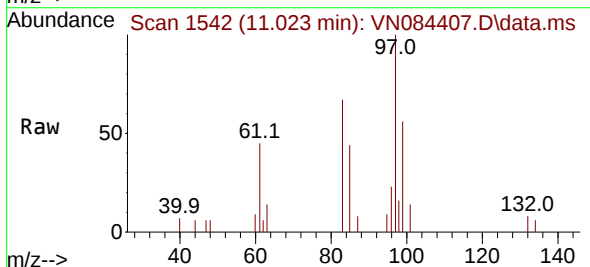
Manual Integrations
 APPROVED

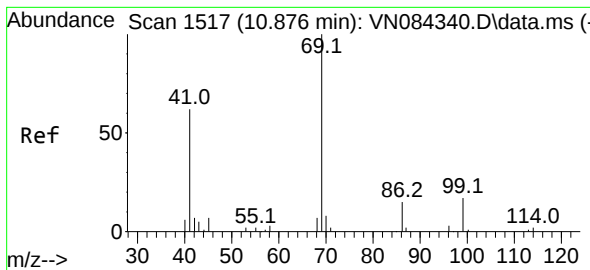
Reviewed By :John Carlone 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#50
 1,1,2-Trichloroethane
 Concen: 2.729 ug/l
 RT: 11.023 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: VN084407.D
 Acq: 14 Oct 2024 11:42

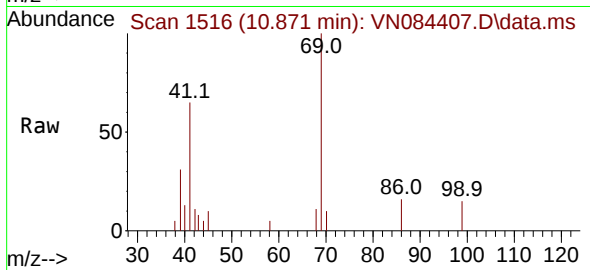
Tgt Ion: 97 Resp: 5123
 Ion Ratio Lower Upper
 97 100
 83 66.5 67.8 101.8#
 85 43.8 44.2 66.2#
 99 56.4 47.8 71.8





#51
Ethyl methacrylate
Concen: 1.886 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

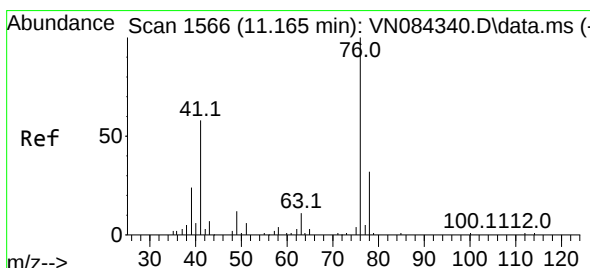
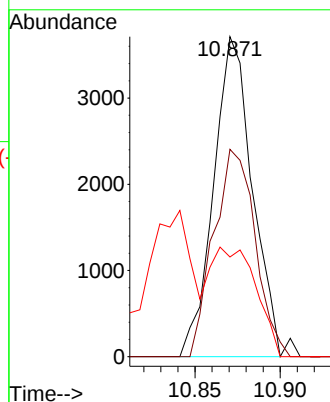
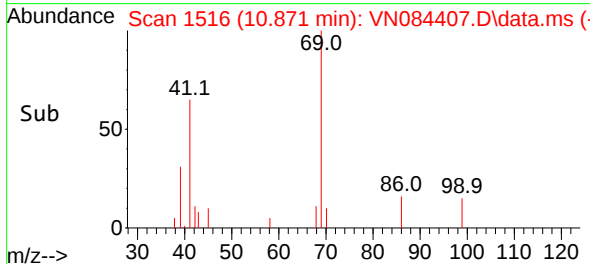
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 69 Resp: 5849
Ion Ratio Lower Upper
69 100
41 64.8 30.9 92.7
39 31.2 16.6 49.7

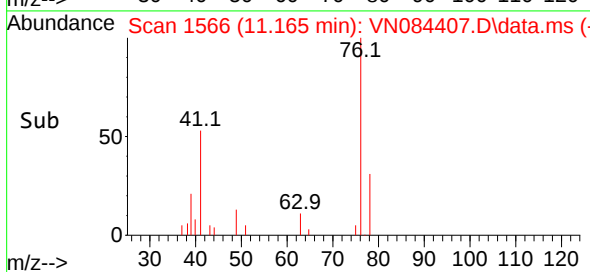
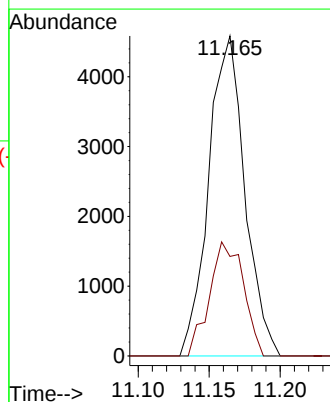
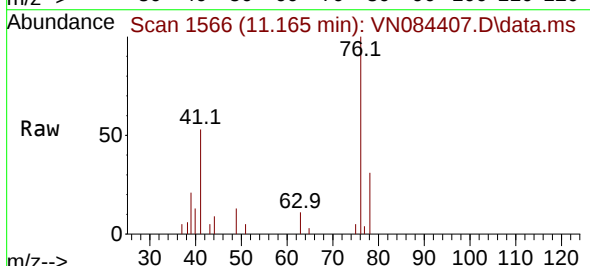
Manual Integrations
APPROVED

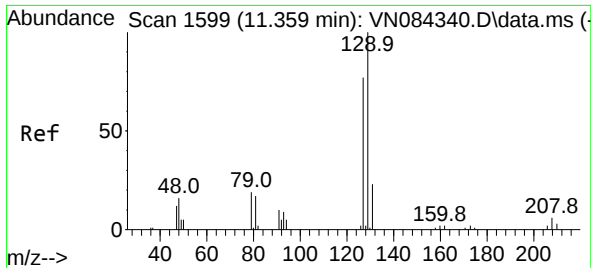
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#52
1,3-Dichloropropane
Concen: 2.468 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

Tgt Ion: 76 Resp: 8102
Ion Ratio Lower Upper
76 100
78 33.6 0.0 64.2





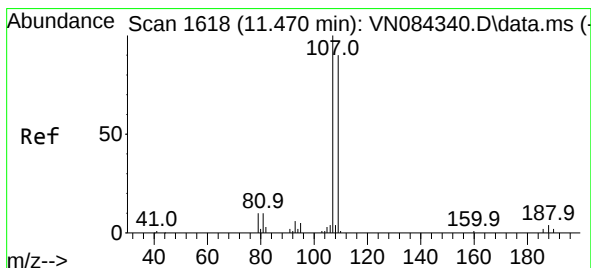
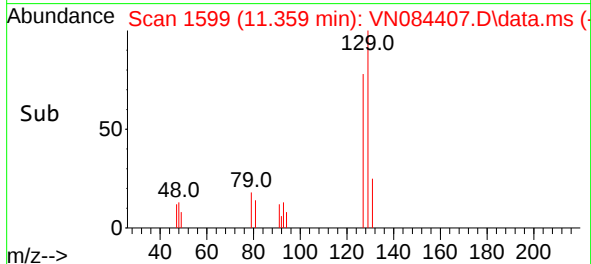
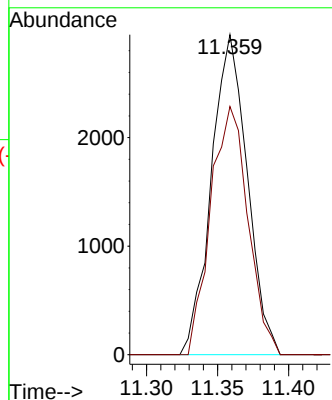
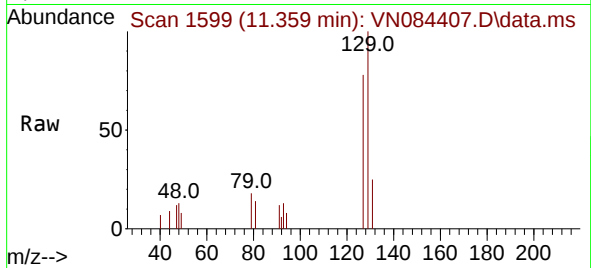
#53
Dibromochloromethane
Concen: 2.338 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

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

Tgt Ion:129 Resp: 5180
Ion Ratio Lower Upper
129 100
127 80.5 38.5 115.5

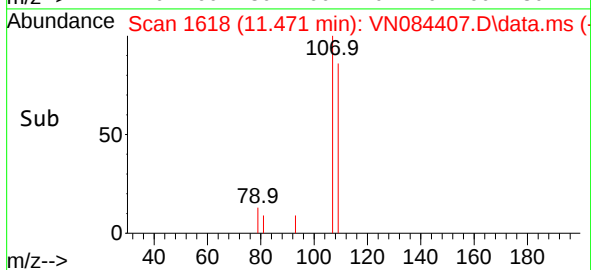
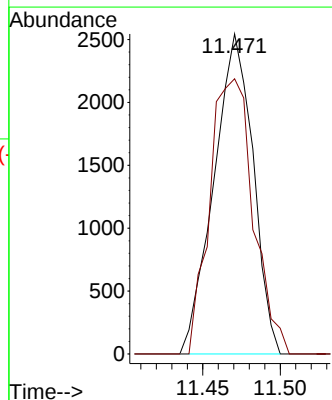
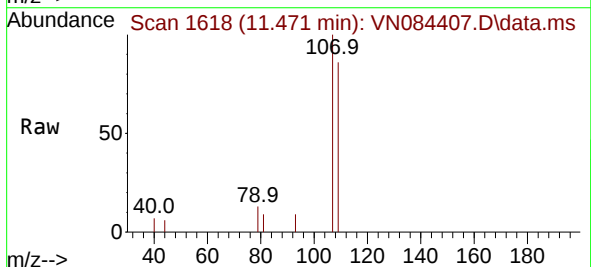
Manual Integrations
APPROVED

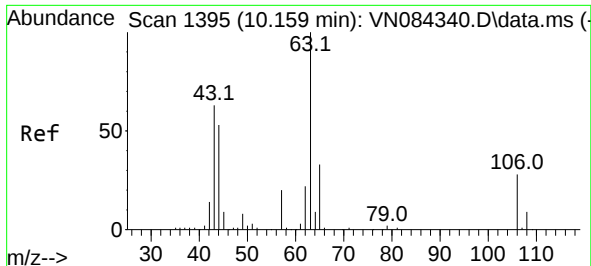
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#54
1,2-Dibromoethane
Concen: 2.315 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

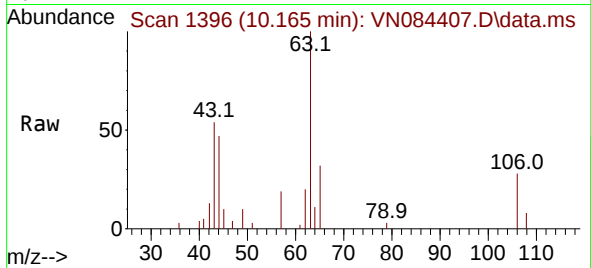
Tgt Ion:107 Resp: 4474
Ion Ratio Lower Upper
107 100
109 95.4 73.8 110.6





#55
2-Chloroethyl vinyl ether
Concen: 8.357 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

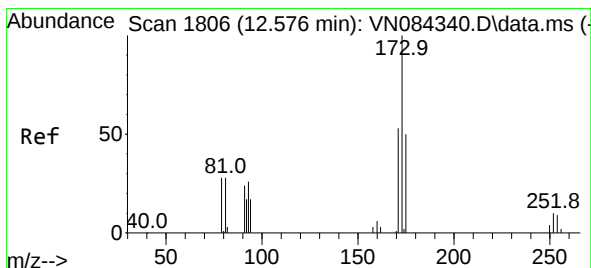
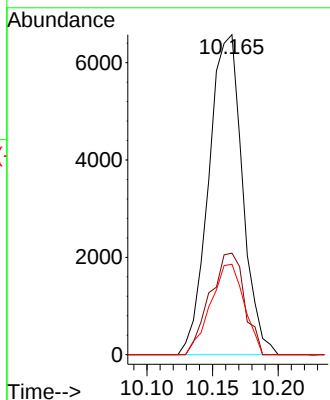
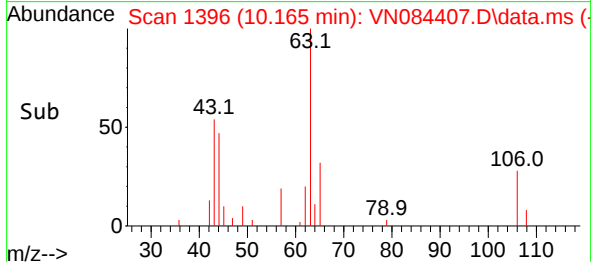
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 63 Resp: 1175
Ion Ratio Lower Upper
63 100
65 32.4 25.6 38.4
106 28.2 21.6 32.4

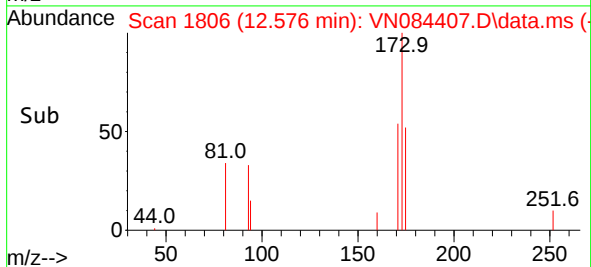
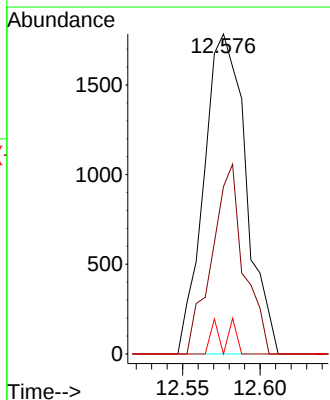
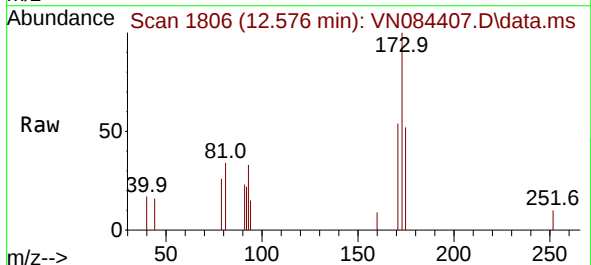
Manual Integrations
APPROVED

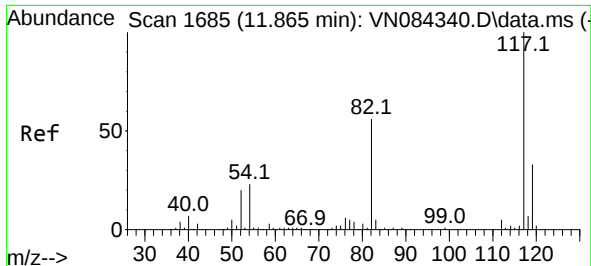
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#56
Bromoform
Concen: 2.290 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

Tgt Ion:173 Resp: 3368
Ion Ratio Lower Upper
173 100
175 0.0 39.4 59.2#
254 2.0 6.8 10.2#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084407.D

Acq: 14 Oct 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:117 Resp: 15104

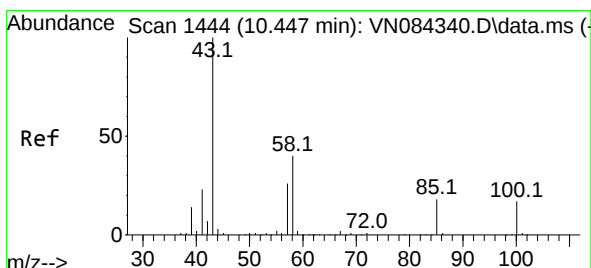
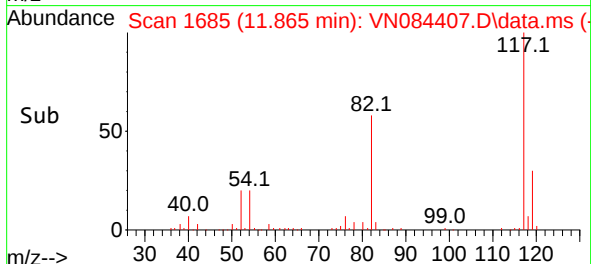
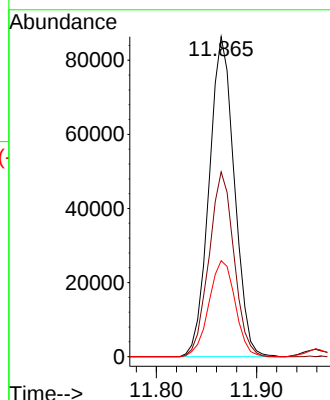
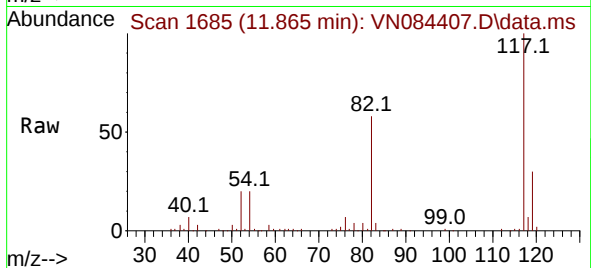
Ion	Ratio	Lower	Upper
117	100		
82	57.2	46.2	69.4
119	31.3	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#58

4-Methyl-2-Pentanone

Concen: 9.961 ug/l

RT: 10.447 min Scan# 1444

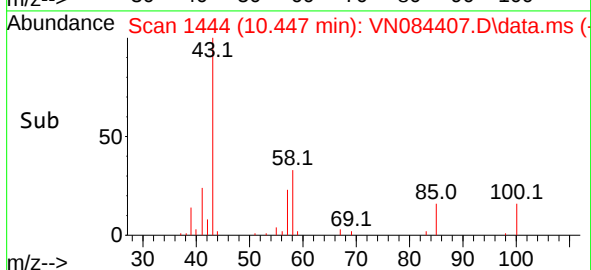
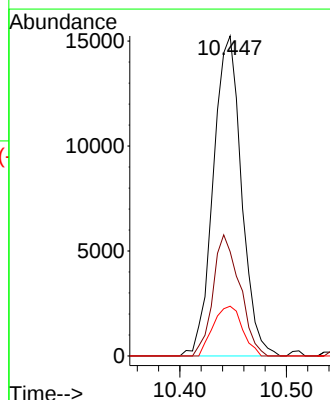
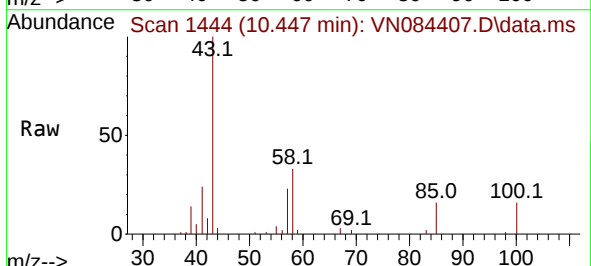
Delta R.T. 0.000 min

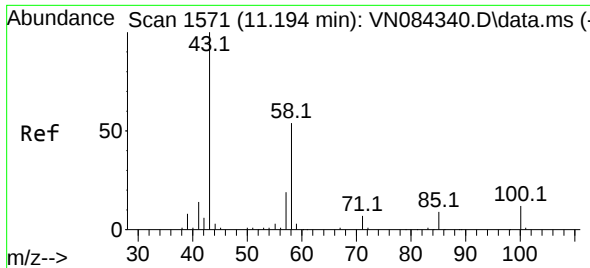
Lab File: VN084407.D

Acq: 14 Oct 2024 11:42

Tgt Ion: 43 Resp: 28028

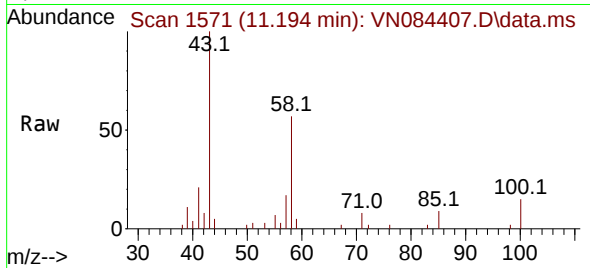
Ion	Ratio	Lower	Upper
43	100		
58	35.9	31.9	47.9
85	16.1	14.6	22.0





#59
2-Hexanone
Concen: 9.370 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

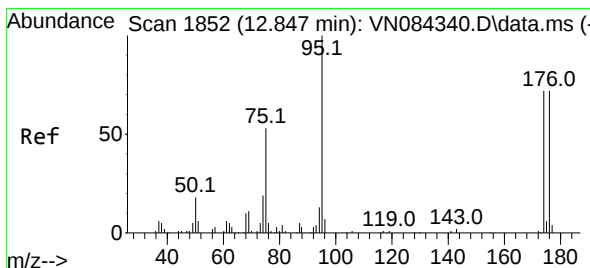
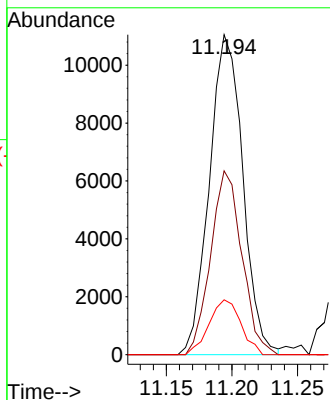
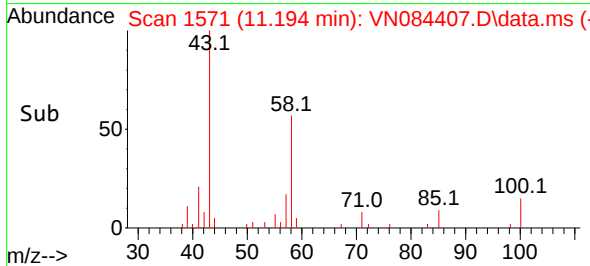
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 43 Resp: 1959
Ion Ratio Lower Upper
43 100
58 53.7 44.0 66.0
57 16.3 15.4 23.2

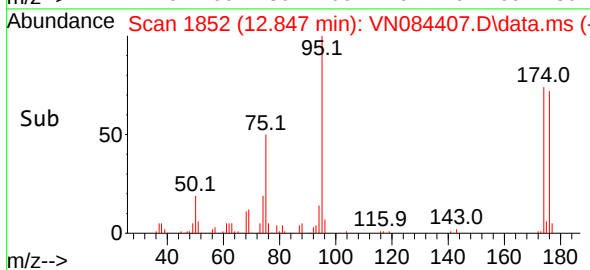
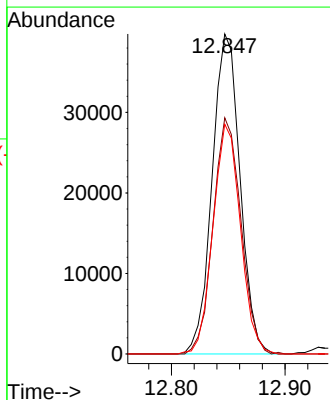
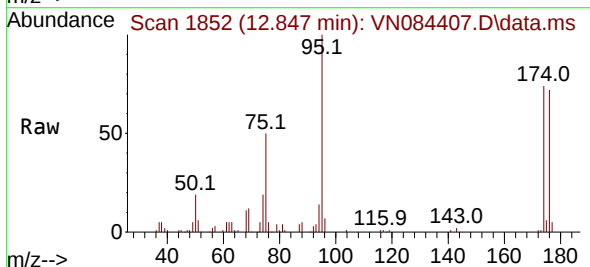
Manual Integrations
APPROVED

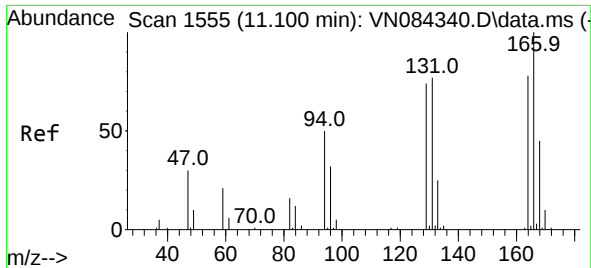
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#60
4-Bromofluorobenzene
Concen: 27.196 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

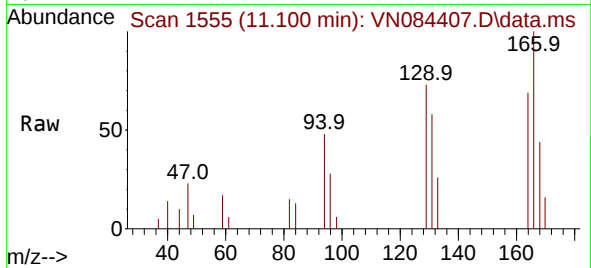
Tgt Ion: 95 Resp: 67795
Ion Ratio Lower Upper
95 100
174 73.6 58.2 87.2
176 70.7 56.4 84.6





#61
Tetrachloroethene
Concen: 2.623 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

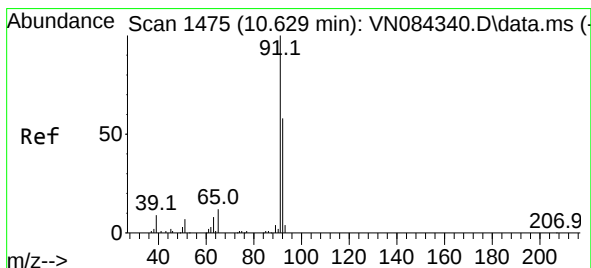
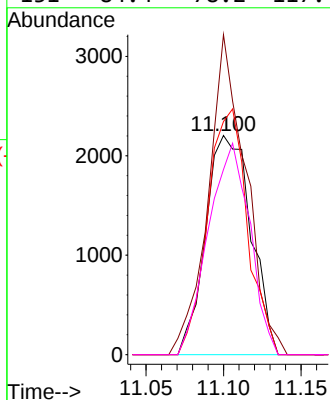
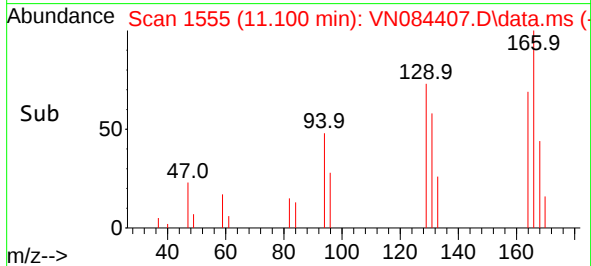
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



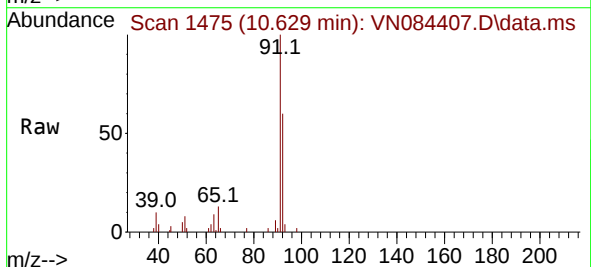
Tgt Ion:164 Resp: 448
Ion Ratio Lower Upper
164 100
166 138.5 102.5 153.7
129 106.3 75.7 113.5
131 84.4 78.2 117.4

Manual Integrations
APPROVED

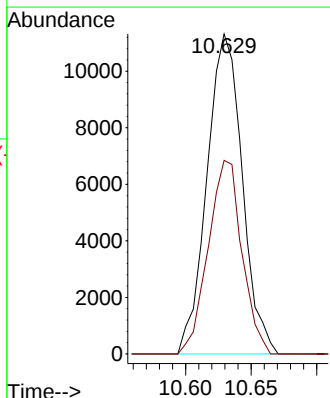
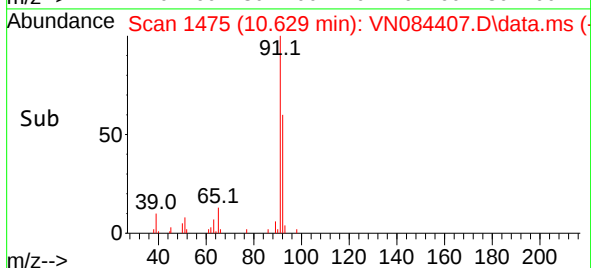
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

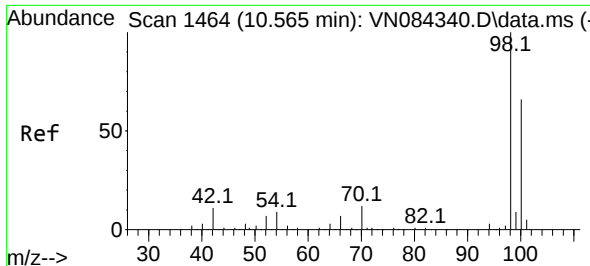


#62
Toluene
Concen: 2.397 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42



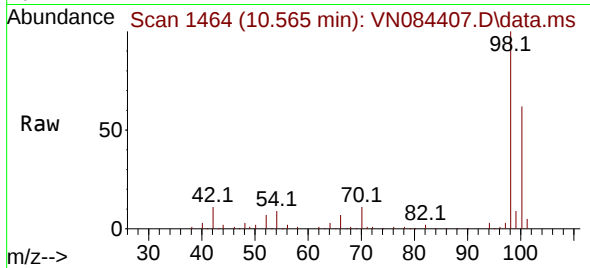
Tgt Ion: 91 Resp: 21192
Ion Ratio Lower Upper
91 100
92 57.7 47.2 70.8





#63
Toluene-d8
Concen: 30.379 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

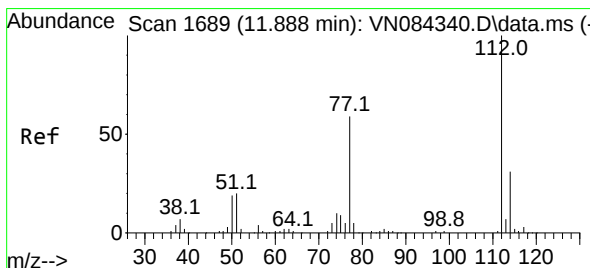
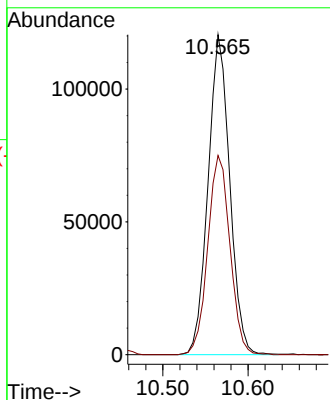
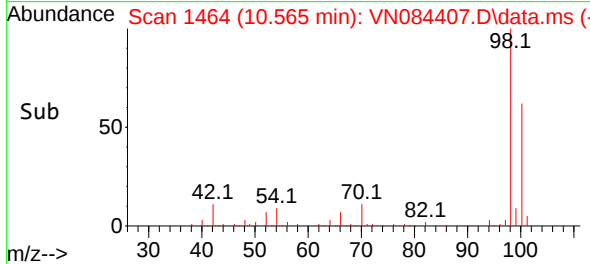
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 98 Resp: 212574
Ion Ratio Lower Upper
98 100
100 63.8 52.5 78.7

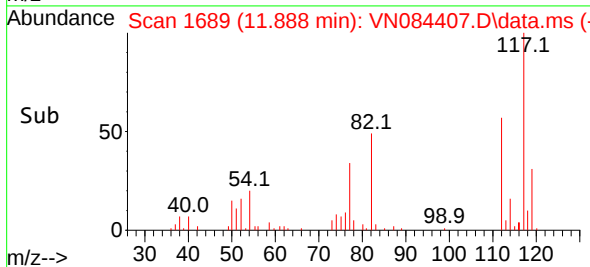
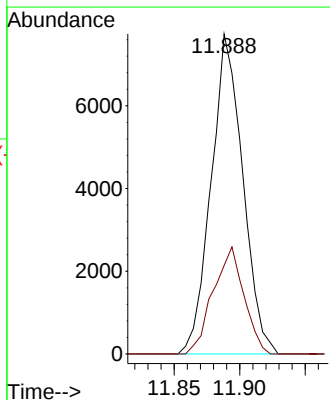
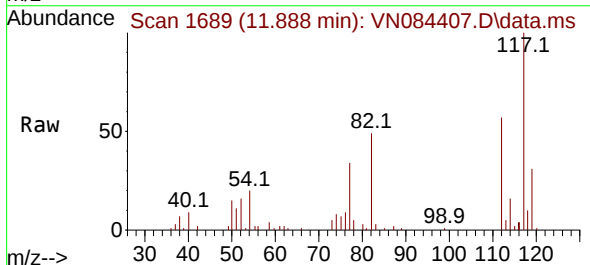
Manual Integrations
APPROVED

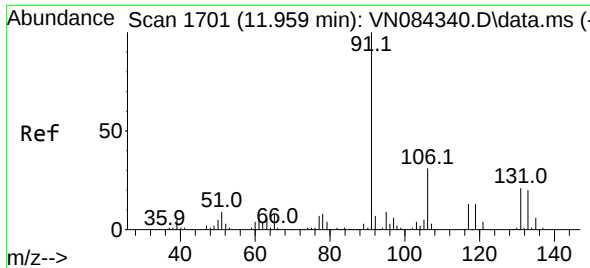
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#64
Chlorobenzene
Concen: 2.356 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

Tgt Ion:112 Resp: 12963
Ion Ratio Lower Upper
112 100
114 27.6 25.1 37.7





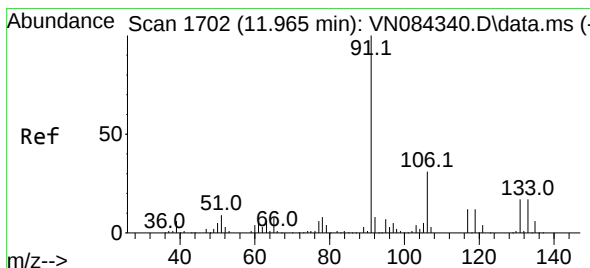
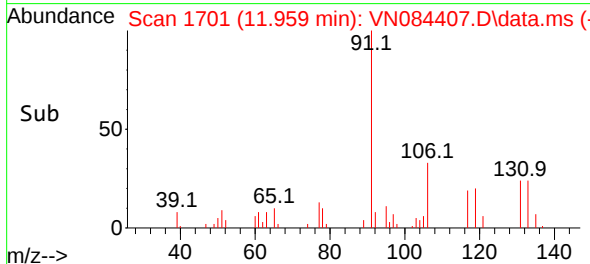
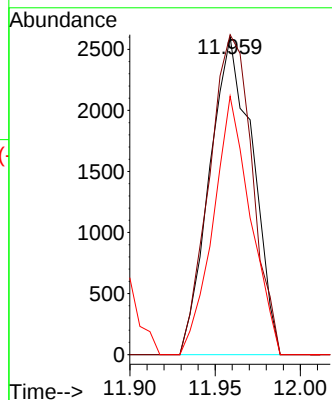
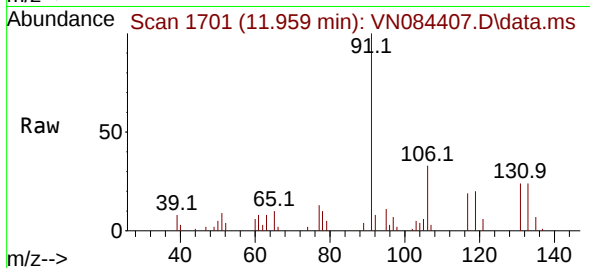
#65
1,1,1,2-Tetrachloroethane
Concen: 2.391 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

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

Tgt Ion:131 Resp: 4570
Ion Ratio Lower Upper
131 100
133 100.9 0.0 190.4
119 70.6 0.0 130.0

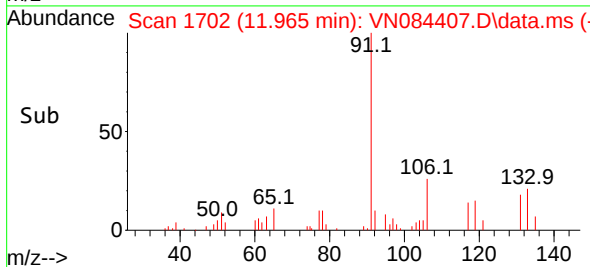
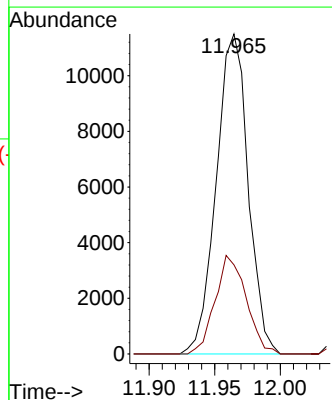
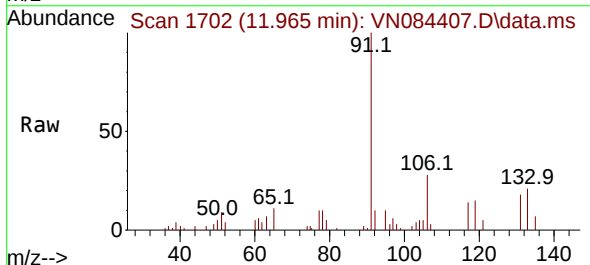
Manual Integrations
APPROVED

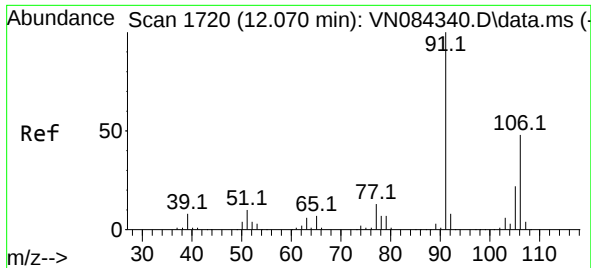
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#66
Ethyl Benzene
Concen: 2.025 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

Tgt Ion: 91 Resp: 19452
Ion Ratio Lower Upper
91 100
106 27.9 25.2 37.8





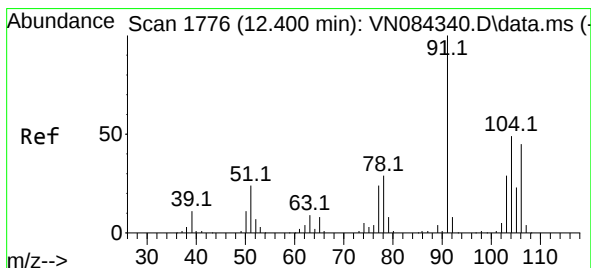
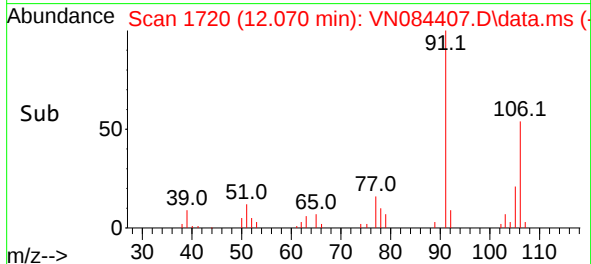
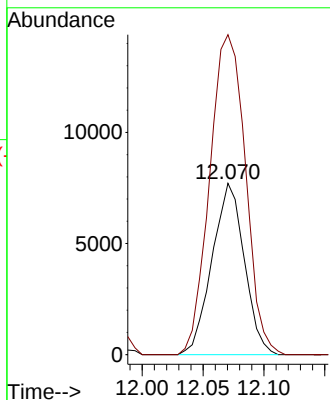
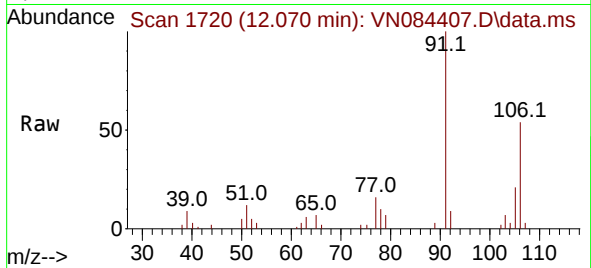
#67
m/p-Xylenes
Concen: 3.907 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

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

Tgt Ion:106 Resp: 14238
Ion Ratio Lower Upper
106 100
91 206.7 166.7 250.1

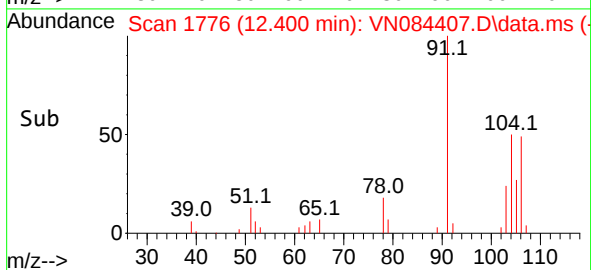
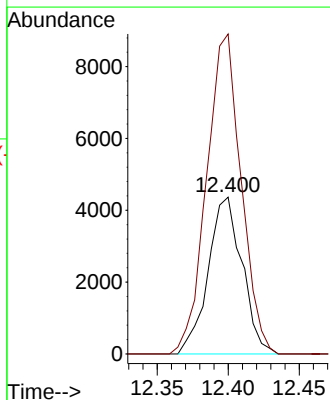
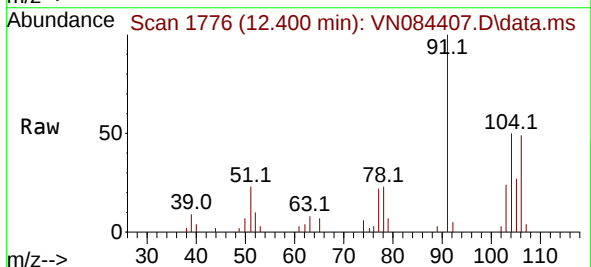
Manual Integrations
APPROVED

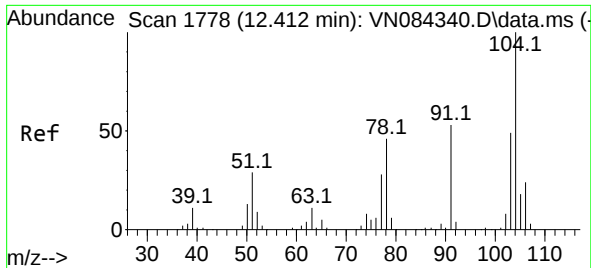
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#68
o-Xylene
Concen: 2.064 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

Tgt Ion:106 Resp: 7251
Ion Ratio Lower Upper
106 100
91 207.7 110.9 332.9





#69

Styrene

Concen: 1.786 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN084407.D

Acq: 14 Oct 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

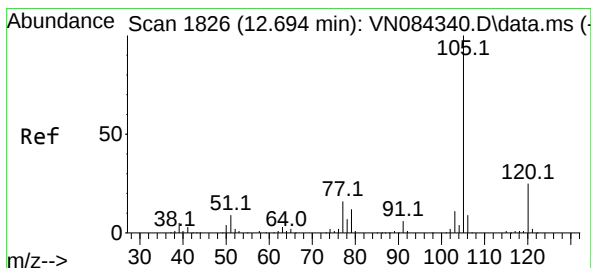
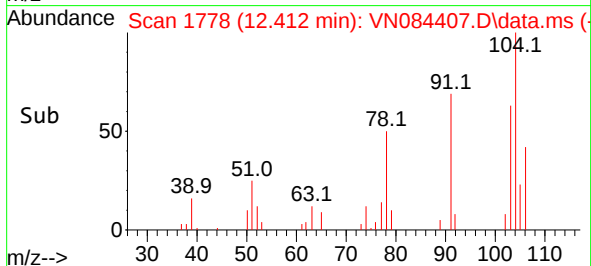
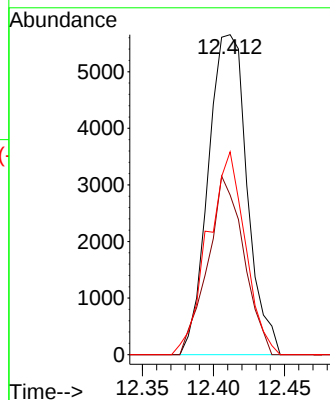
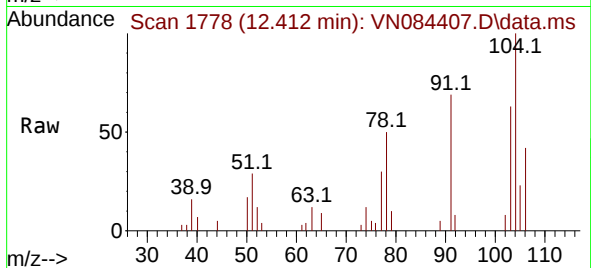
Tgt Ion:104	Resp:	10772
Ion Ratio	Lower	Upper
104	100	
78	51.7	41.6 62.4
103	60.9	44.4 66.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#70

Isopropylbenzene

Concen: 1.784 ug/l

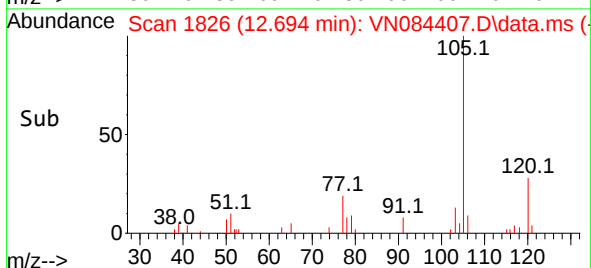
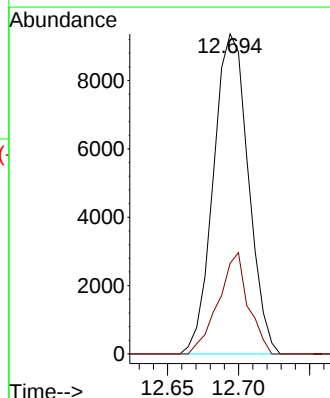
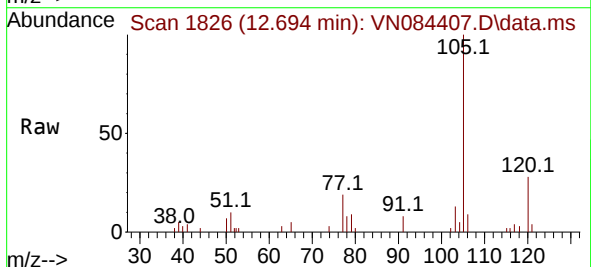
RT: 12.694 min Scan# 1826

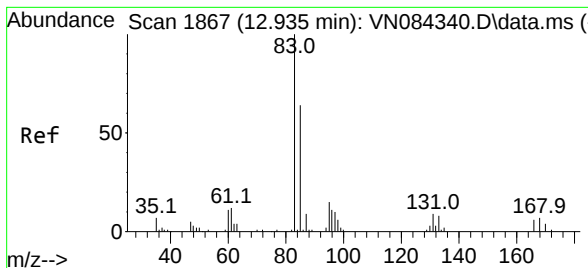
Delta R.T. 0.000 min

Lab File: VN084407.D

Acq: 14 Oct 2024 11:42

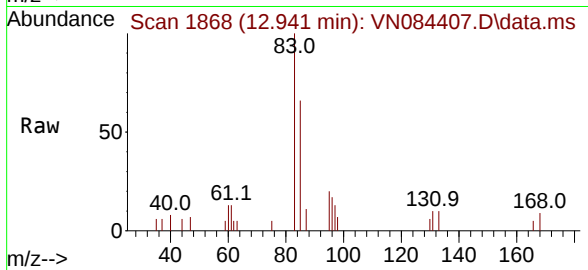
Tgt Ion:105	Resp:	15995
Ion Ratio	Lower	Upper
105	100	
120	27.2	17.4 32.4





#71
1,1,2,2-Tetrachloroethane
Concen: 2.327 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

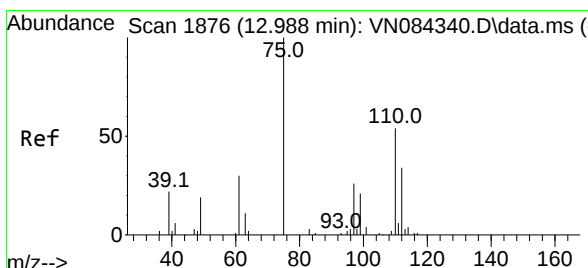
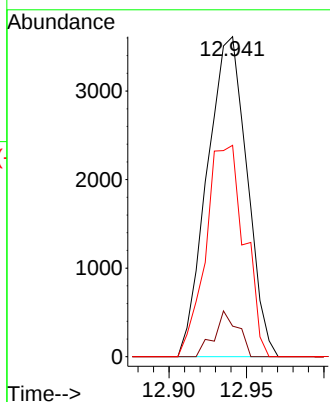
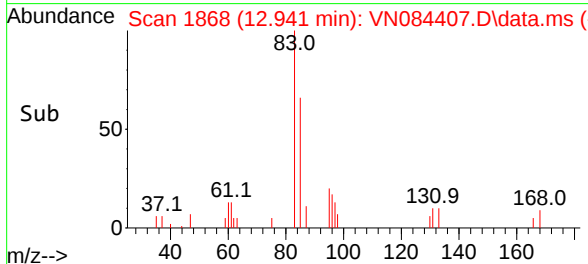
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 83 Resp: 6450
Ion Ratio Lower Upper
83 100
131 8.5 5.1 15.3
85 64.3 32.0 96.2

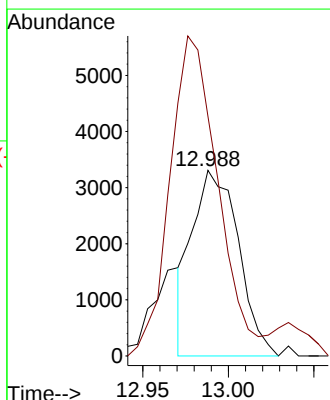
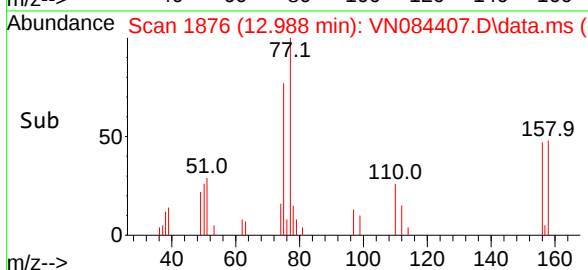
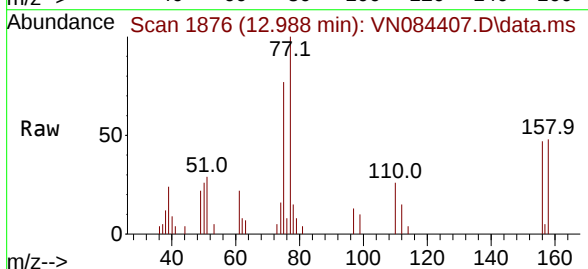
Manual Integrations
APPROVED

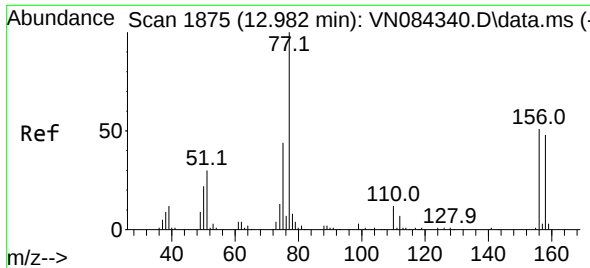
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#72
1,2,3-Trichloropropane
Concen: 2.610 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

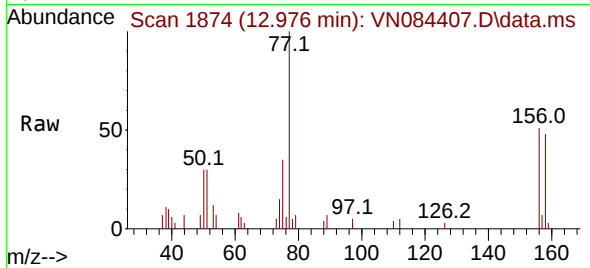
Tgt Ion: 75 Resp: 6202
Ion Ratio Lower Upper
75 100
77 178.1 0.0 414.0





#73
Bromobenzene
Concen: 2.196 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

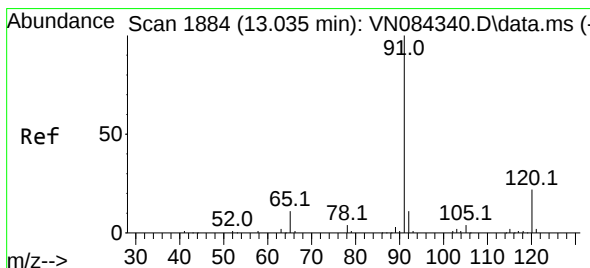
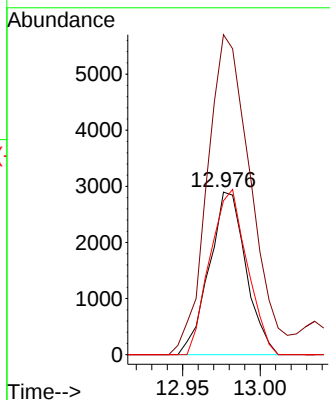
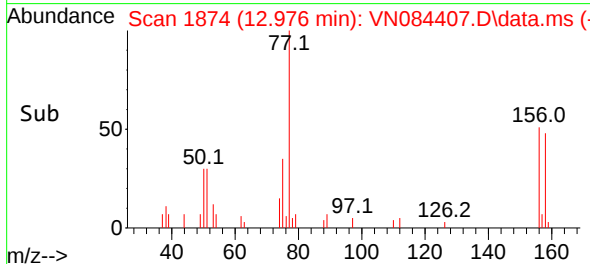
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:156 Resp: 4769
Ion Ratio Lower Upper
156 100
77 231.6 0.0 451.0
158 102.6 0.0 194.6

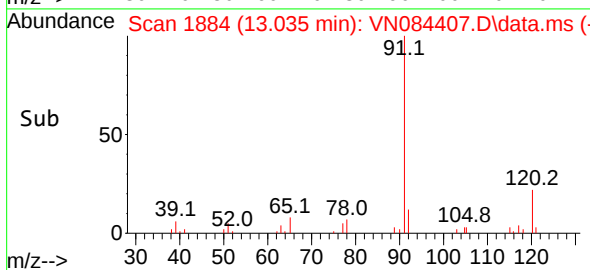
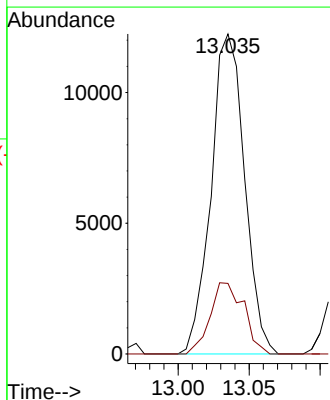
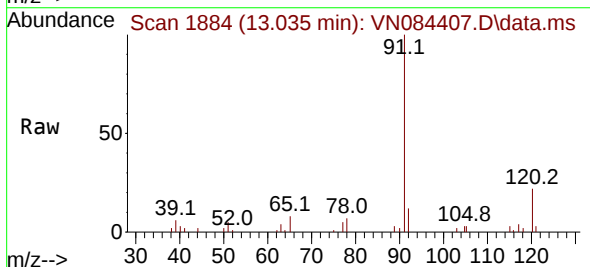
Manual Integrations
APPROVED

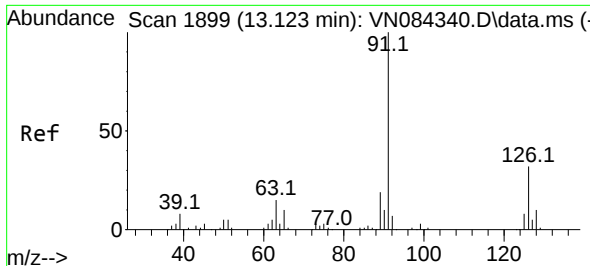
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#74
n-propylbenzene
Concen: 1.877 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

Tgt Ion: 91 Resp: 20056
Ion Ratio Lower Upper
91 100
120 22.4 0.0 43.2





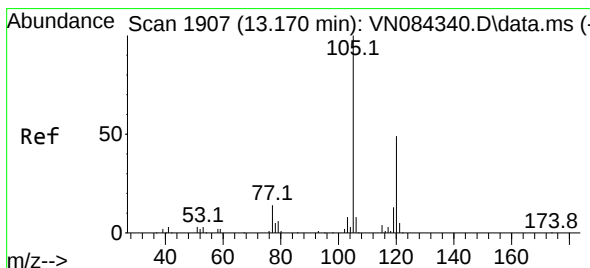
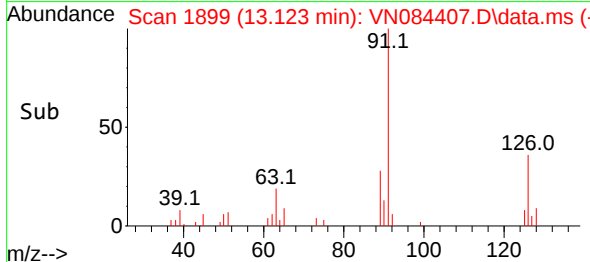
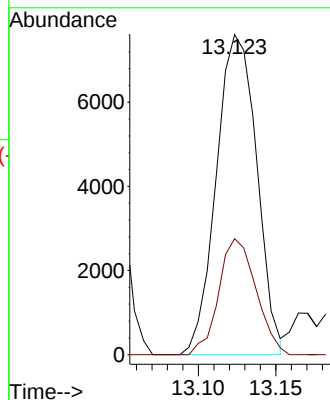
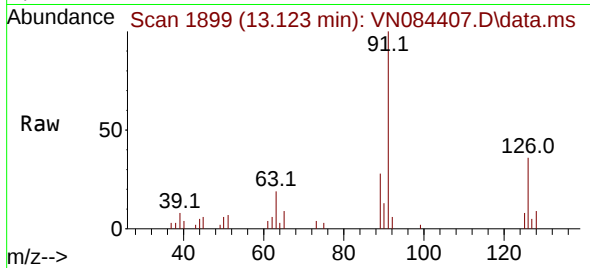
#75
2-Chlorotoluene
Concen: 2.079 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

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

Tgt Ion: 91 Resp: 1380
Ion Ratio Lower Upper
91 100
126 33.4 0.0 64.0

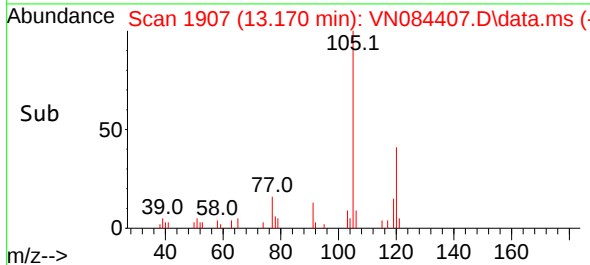
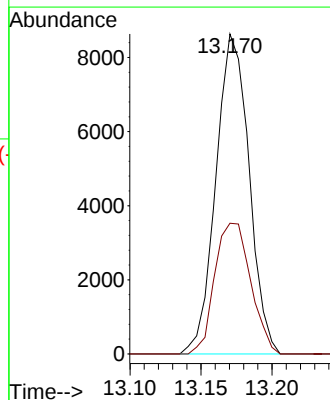
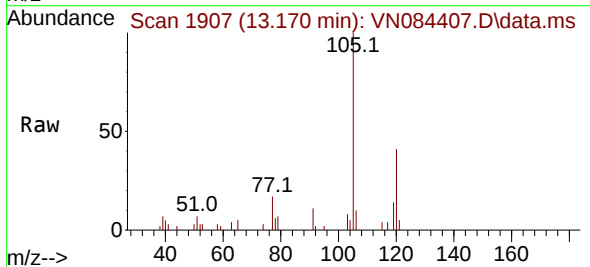
Manual Integrations
APPROVED

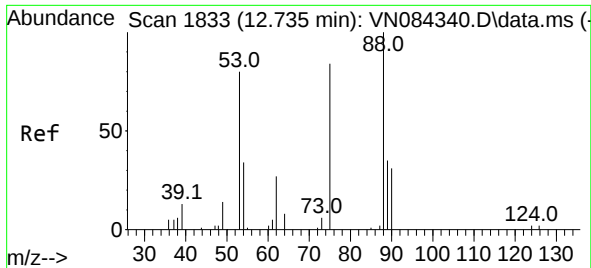
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#76
1,3,5-Trimethylbenzene
Concen: 1.856 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

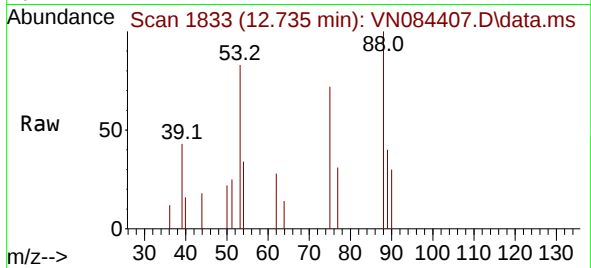
Tgt Ion:105 Resp: 14014
Ion Ratio Lower Upper
105 100
120 44.3 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 1.661 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

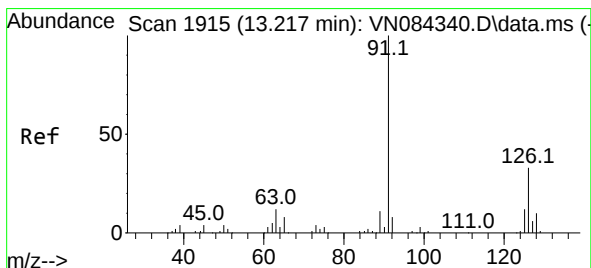
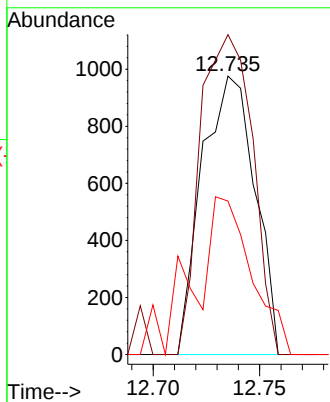
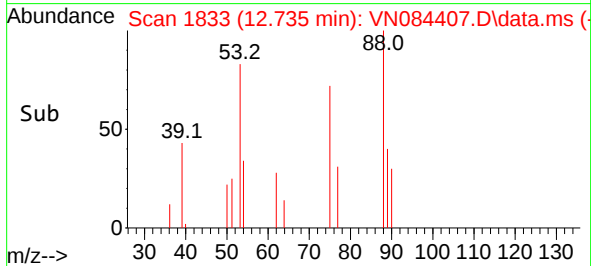
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 75 Resp: 1680
Ion Ratio Lower Upper
75 100
53 114.9 47.3 142.0
89 39.2 22.9 68.8

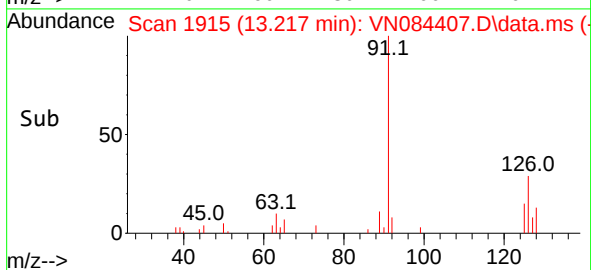
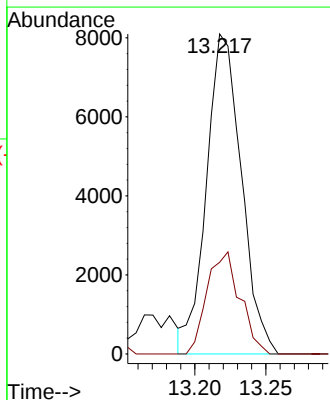
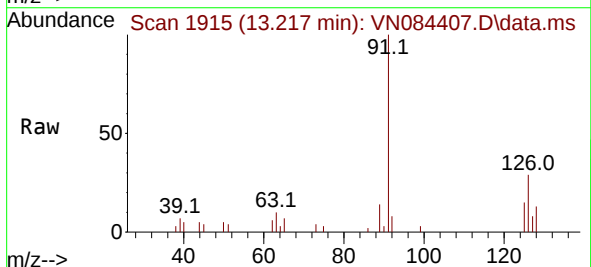
Manual Integrations
APPROVED

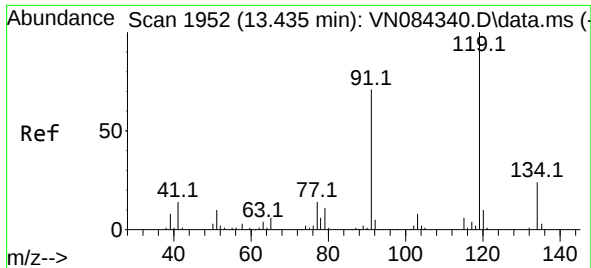
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#78
4-Chlorotoluene
Concen: 2.053 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

Tgt Ion: 91 Resp: 13862
Ion Ratio Lower Upper
91 100
126 30.3 0.0 62.4





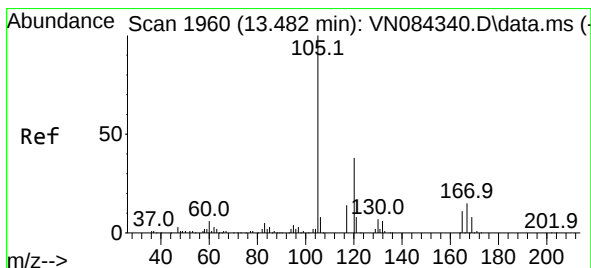
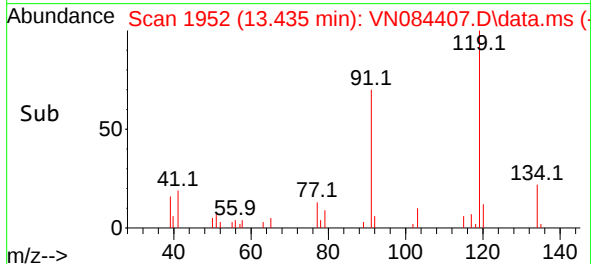
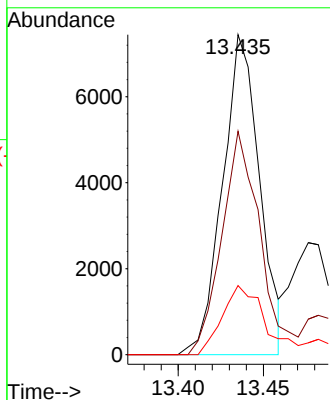
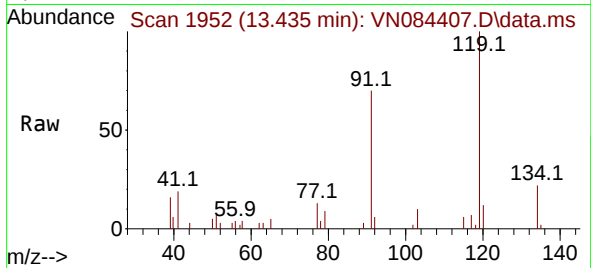
#79
tert-butylbenzene
Concen: 1.750 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

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

Tgt Ion:119 Resp: 11274
Ion Ratio Lower Upper
119 100
91 72.1 0.0 138.0
134 22.8 0.0 48.8

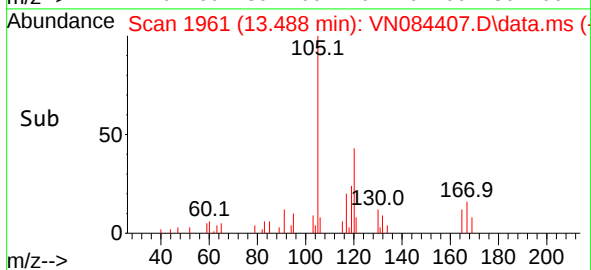
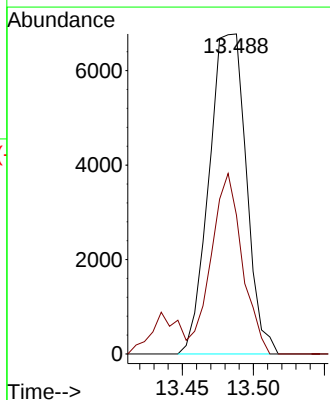
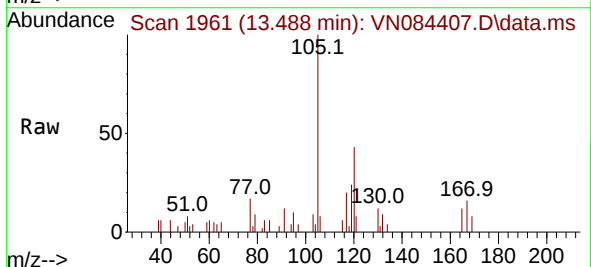
Manual Integrations
APPROVED

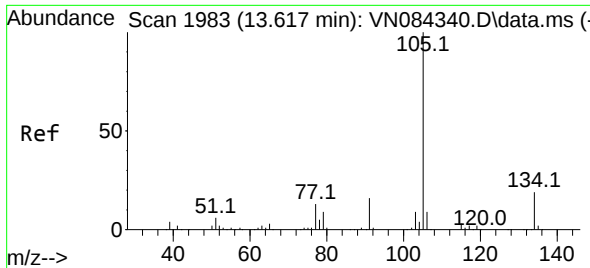
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#80
1,2,4-Trimethylbenzene
Concen: 1.611 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

Tgt Ion:105 Resp: 12344
Ion Ratio Lower Upper
105 100
120 47.0 0.0 88.8





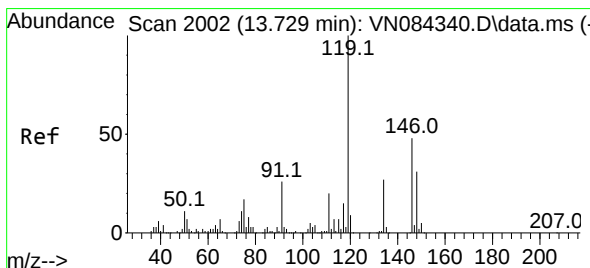
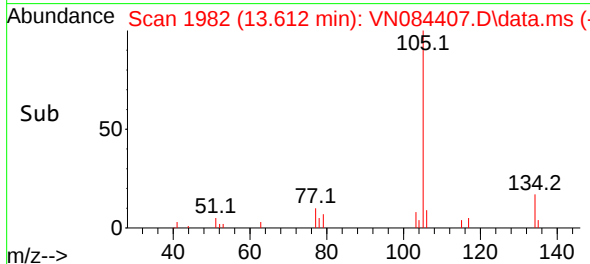
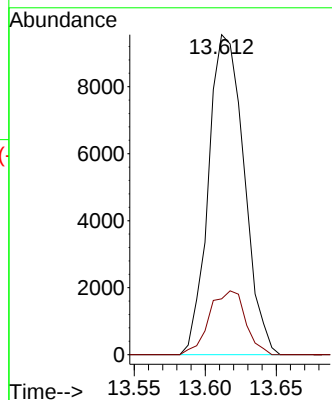
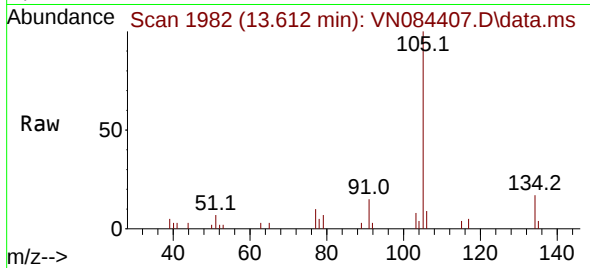
#81
 sec-Butylbenzene
 Concen: 1.878 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN084407.D
 Acq: 14 Oct 2024 11:42

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

Tgt Ion:105 Resp: 1665
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 38.0

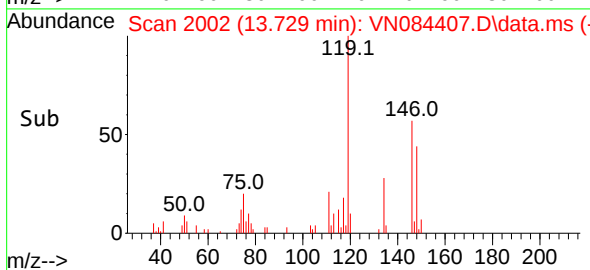
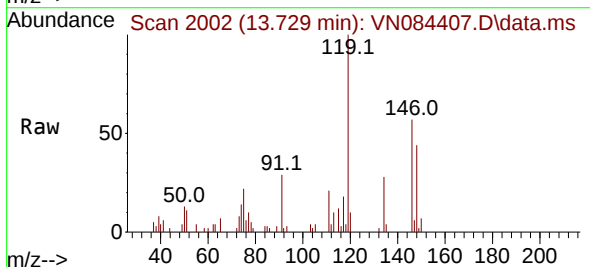
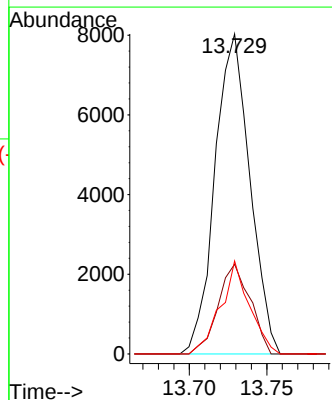
Manual Integrations
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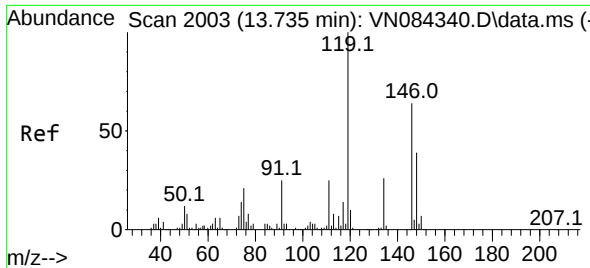
Reviewed By :John Carlone 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#82
 p-Isopropyltoluene
 Concen: 1.684 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084407.D
 Acq: 14 Oct 2024 11:42

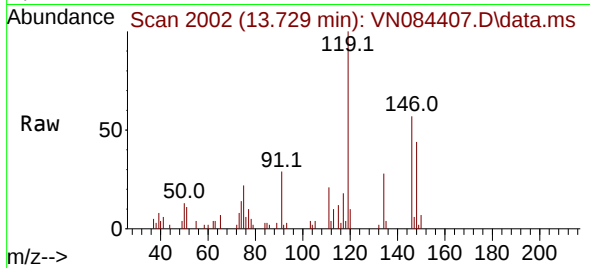
Tgt Ion:119 Resp: 12571
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 50.2
 91 24.2 0.0 50.6





#83
 1,3-Dichlorobenzene
 Concen: 2.034 ug/l
 RT: 13.729 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN084407.D
 Acq: 14 Oct 2024 11:42

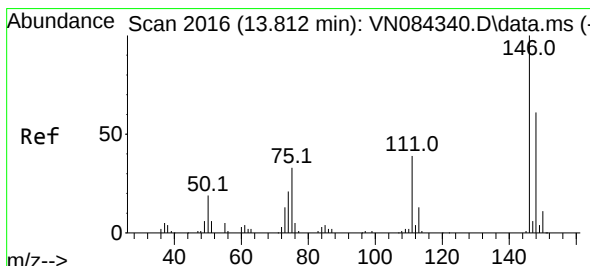
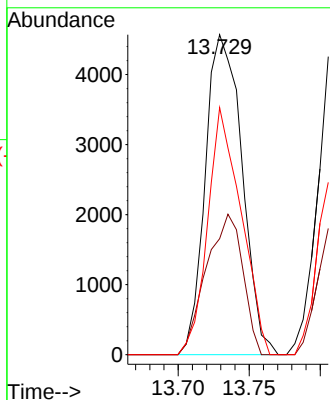
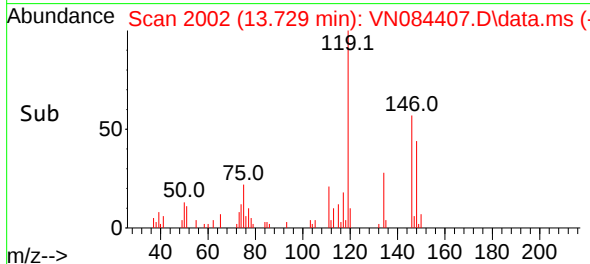
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024



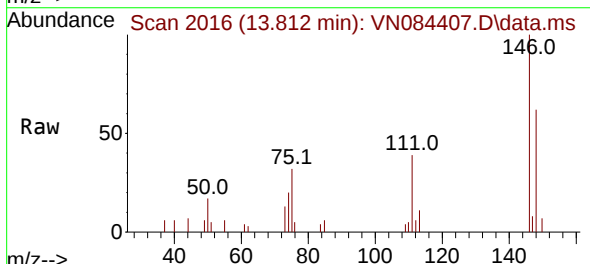
Tgt Ion:146 Resp: 821
 Ion Ratio Lower Upper
 146 100
 111 43.6 20.6 61.9
 148 70.5 31.6 94.7

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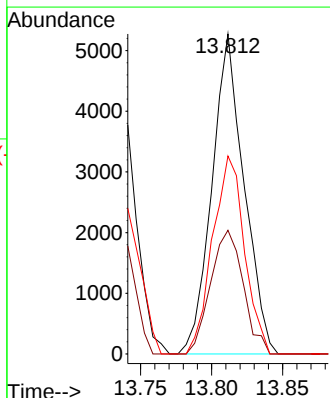
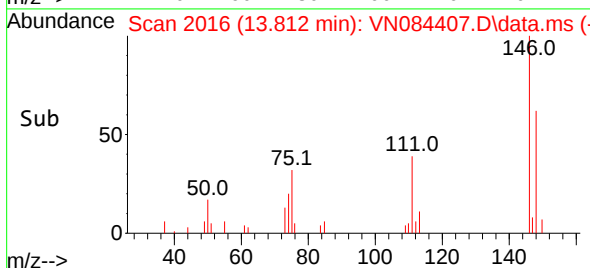
Reviewed By :John Carlone 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

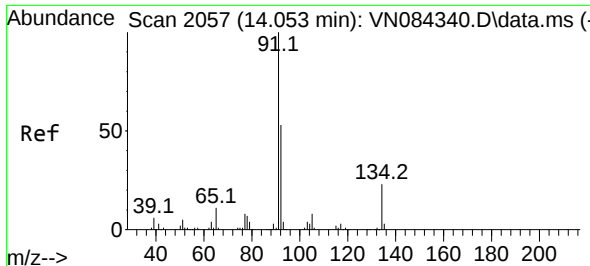


#84
 1,4-Dichlorobenzene
 Concen: 2.069 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN084407.D
 Acq: 14 Oct 2024 11:42



Tgt Ion:146 Resp: 8295
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.5 61.5
 148 61.4 32.5 97.4





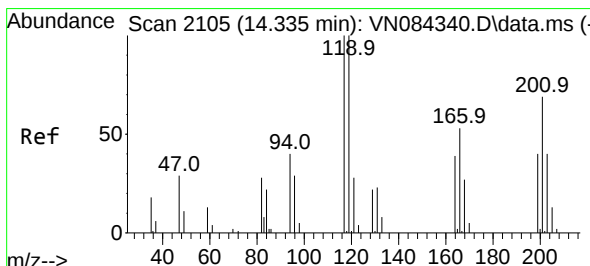
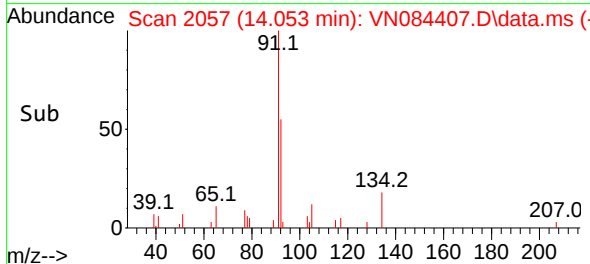
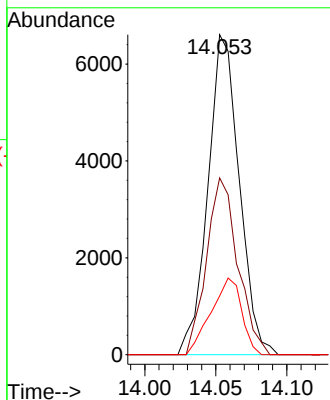
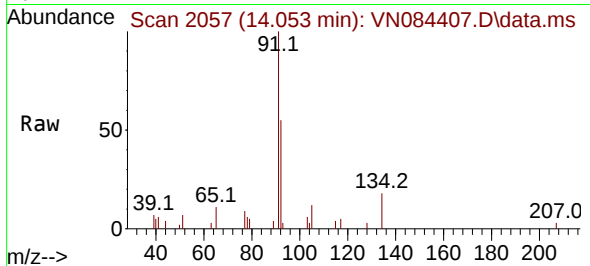
#85
n-Butylbenzene
Concen: 1.565 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

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

Tgt Ion: 91 Resp: 10110
Ion Ratio Lower Upper
91 100
92 55.2 0.0 103.4
134 23.5 0.0 48.0

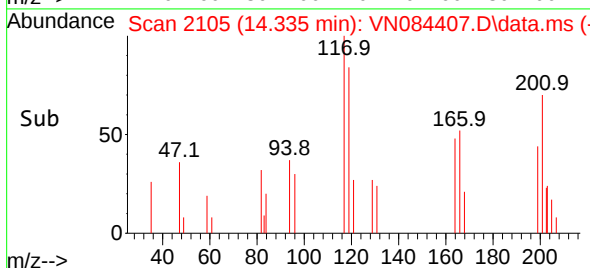
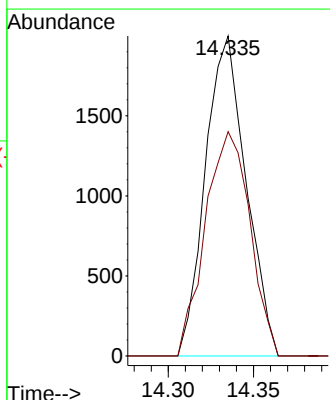
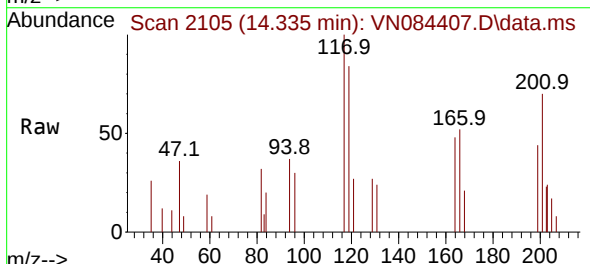
Manual Integrations
APPROVED

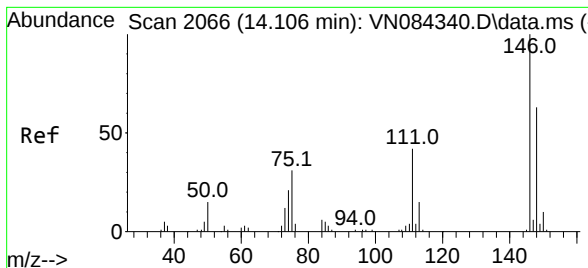
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#86
Hexachloroethane
Concen: 2.308 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

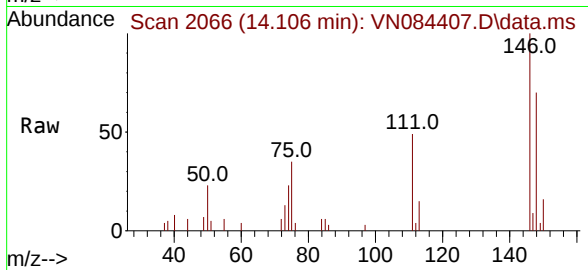
Tgt Ion:117 Resp: 3320
Ion Ratio Lower Upper
117 100
201 76.8 33.9 101.6





#87
1,2-Dichlorobenzene
Concen: 2.099 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

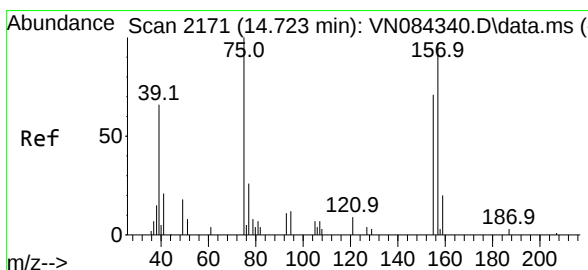
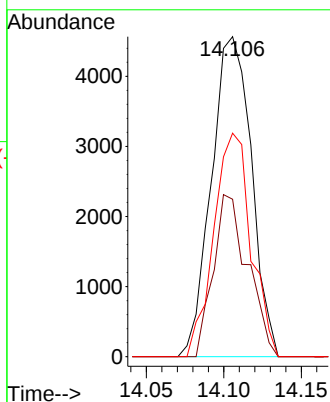
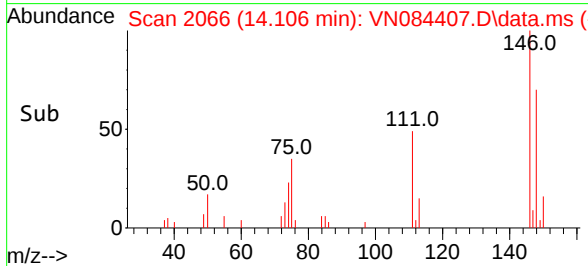
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



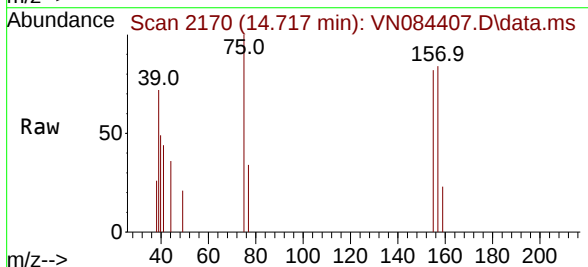
Tgt Ion:146 Resp: 819
Ion Ratio Lower Upper
146 100
111 43.6 21.9 65.5
148 65.1 31.1 93.5

Manual Integrations
APPROVED

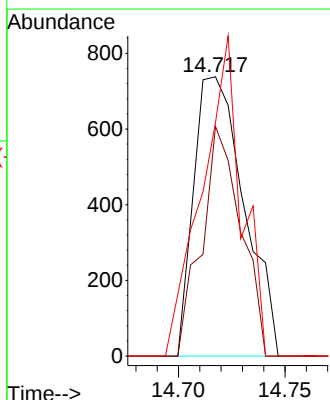
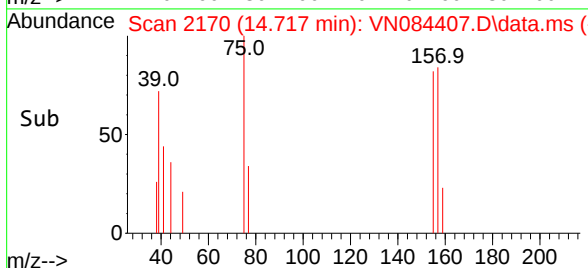
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

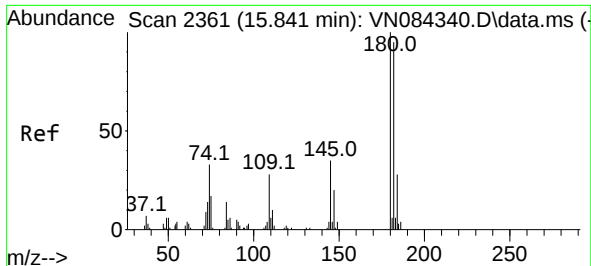


#88
1,2-Dibromo-3-Chloropropane
Concen: 2.143 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42



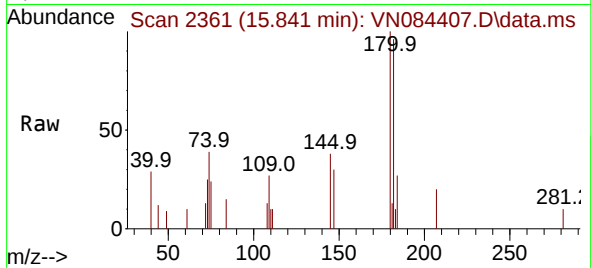
Tgt Ion: 75 Resp: 1216
Ion Ratio Lower Upper
75 100
155 64.3 61.8 92.8
157 90.0 77.4 116.0





#89
1,2,4-Trichlorobenzene
Concen: 1.803 ug/l m
RT: 15.841 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

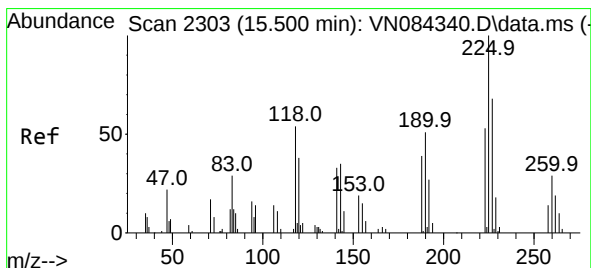
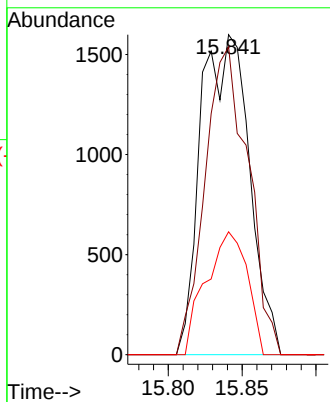
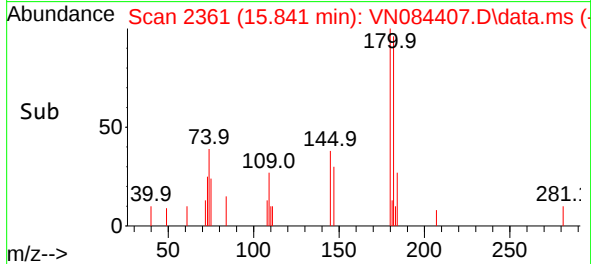
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:180 Resp: 366
Ion Ratio Lower Upper
180 100
182 83.5 77.8 116.6
145 34.1 28.9 43.3

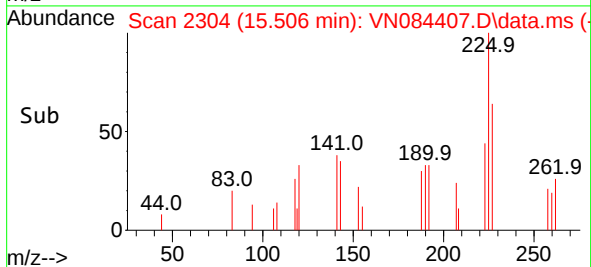
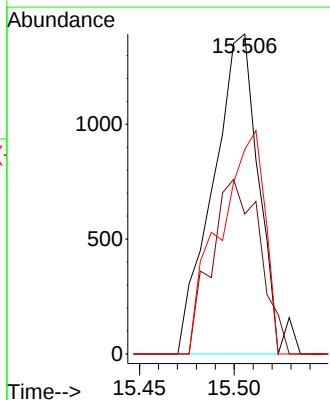
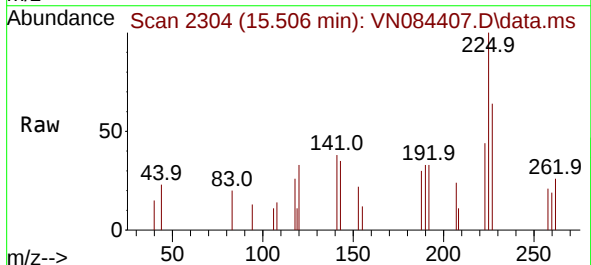
Manual Integrations
APPROVED

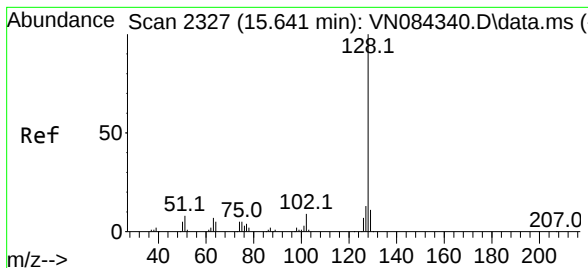
Reviewed By :John Carlone 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#90
Hexachlorobutadiene
Concen: 2.443 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

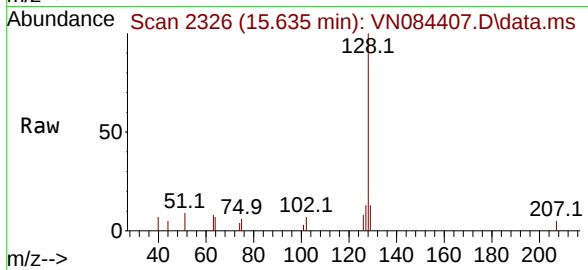
Tgt Ion:225 Resp: 2294
Ion Ratio Lower Upper
225 100
223 59.3 0.0 124.0
227 48.6 0.0 130.8





#91
Naphthalene
Concen: 1.333 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

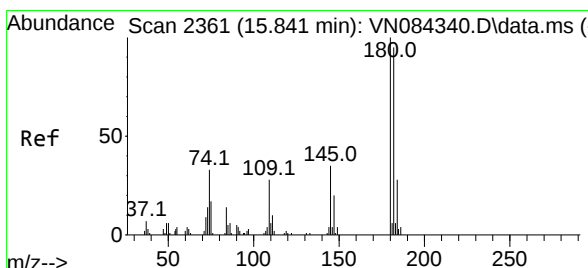
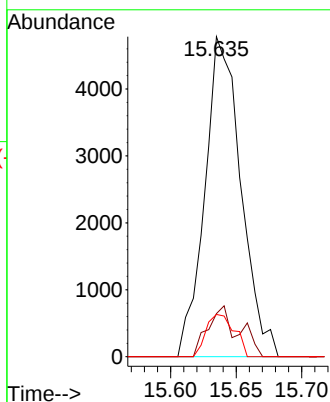
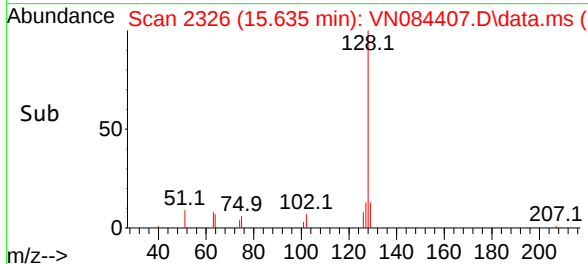
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:128 Resp: 9172
Ion Ratio Lower Upper
128 100
127 9.5 10.3 15.5
129 10.4 8.8 13.2

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 1.803 ug/l m
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN084407.D
Acq: 14 Oct 2024 11:42

Tgt Ion:180 Resp: 3661
Ion Ratio Lower Upper
180 100
182 85.3 0.0 194.4
145 32.6 0.0 72.2

