

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101124\
 Data File : VN084399.D
 Acq On : 11 Oct 2024 14:54
 Operator : JC\MD
 Sample : P4368-09 0.75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Oct 14 02:55:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 02:44:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	148701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115978	52.603	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.200%			
35) Dibromofluoromethane	8.165	113	90604	52.834	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.660%			
50) Toluene-d8	10.565	98	315000	49.926	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.860%			
62) 4-Bromofluorobenzene	12.847	95	109249	47.530	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	1586	0.902	ug/l	98
3) Chloromethane	2.359	50	1877	0.935	ug/l	90
4) Vinyl Chloride	2.518	62	1855	0.954	ug/l #	78
5) Bromomethane	2.965	94	1341	1.045	ug/l	85
6) Chloroethane	3.130	64	2601m	1.867	ug/l	
7) Trichlorofluoromethane	3.500	101	2896	0.956	ug/l	92
8) Diethyl Ether	3.959	74	773	0.688	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.377	101	1675m	0.965	ug/l	
10) Methyl Iodide	4.606	142	1606	0.718	ug/l #	40
11) Tert butyl alcohol	5.512	59	758	2.085	ug/l #	73
12) 1,1-Dichloroethene	4.336	96	1249	0.746	ug/l	89
13) Acrolein	4.177	56	656	1.572	ug/l #	43
14) Allyl chloride	5.018	41	2152	0.740	ug/l #	30
15) Acrylonitrile	5.718	53	3410	3.714	ug/l	97
16) Acetone	4.442	43	4589	4.845	ug/l	94
17) Carbon Disulfide	4.706	76	4510	0.851	ug/l #	86
18) Methyl Acetate	5.036	43	1797	0.871	ug/l #	58
19) Methyl tert-butyl Ether	5.800	73	4098	0.725	ug/l #	81
20) Methylene Chloride	5.271	84	2002	1.040	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	1283	0.731	ug/l #	78
22) Diisopropyl ether	6.671	45	4201	0.698	ug/l #	94
23) Vinyl Acetate	6.606	43	15101	3.385	ug/l #	84
24) 1,1-Dichloroethane	6.565	63	2985	0.887	ug/l #	83
25) 2-Butanone	7.483	43	5559	4.309	ug/l #	90
26) 2,2-Dichloropropane	7.483	77	2404	0.793	ug/l	79
27) cis-1,2-Dichloroethene	7.488	96	1547	0.730	ug/l	85
28) Bromochloromethane	7.818	49	948	0.632	ug/l #	83
29) Tetrahydrofuran	7.841	42	2542	3.193	ug/l	90
30) Chloroform	7.965	83	3045	0.872	ug/l	90
31) Cyclohexane	8.230	56	4206	1.288	ug/l #	16
32) 1,1,1-Trichloroethane	8.165	97	2715	0.865	ug/l #	48
36) 1,1-Dichloropropene	8.365	75	2282	0.916	ug/l #	87
37) Ethyl Acetate	7.565	43	1832	0.717	ug/l #	69
38) Carbon Tetrachloride	8.359	117	2117	0.775	ug/l	92
39) Methylcyclohexane	9.600	83	1829	0.660	ug/l #	93
40) Benzene	8.600	78	6503	0.838	ug/l #	86

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	1035	0.746	ug/l #	78
42) 1,2-Dichloroethane	8.671	62	2463	0.936	ug/l #	75
43) Isopropyl Acetate	8.688	43	4070	0.813	ug/l #	86
44) Trichloroethene	9.347	130	1445	0.797	ug/l	89
45) 1,2-Dichloropropane	9.618	63	1519	0.827	ug/l	94
46) Dibromomethane	9.712	93	1185	0.956	ug/l #	78
47) Bromodichloromethane	9.894	83	2646	0.961	ug/l #	88
48) Methyl methacrylate	9.677	41	1186	0.595	ug/l	94
49) 1,4-Dioxane	9.700	88	447	12.186	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	8992	3.696	ug/l	93
52) Toluene	10.635	92	4466	0.944	ug/l	89
53) t-1,3-Dichloropropene	10.835	75	2211	0.788	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	2153	0.713	ug/l #	85
55) 1,1,2-Trichloroethane	11.012	97	1404	0.828	ug/l #	88
56) Ethyl methacrylate	10.871	69	1733	0.621	ug/l	96
57) 1,3-Dichloropropane	11.159	76	2406	0.794	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	4559	3.520	ug/l	98
59) 2-Hexanone	11.194	43	6833	3.758	ug/l	91
60) Dibromochloromethane	11.359	129	1640	0.818	ug/l	93
61) 1,2-Dibromoethane	11.470	107	1509	0.856	ug/l	95
64) Tetrachloroethene	11.100	164	1213	0.763	ug/l	94
65) Chlorobenzene	11.888	112	4329	0.855	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	11.959	131	1709	0.980	ug/l #	61
67) Ethyl Benzene	11.959	91	6751	0.754	ug/l	96
68) m/p-Xylenes	12.065	106	4425	1.336	ug/l	93
69) o-Xylene	12.400	106	1895	0.605	ug/l	72
70) Styrene	12.412	104	3267	0.615	ug/l	98
71) Bromoform	12.570	173	1199	0.934	ug/l #	84
73) Isopropylbenzene	12.694	105	4907	0.653	ug/l	98
74) N-amyl acetate	12.494	43	1894	0.557	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	2183	0.967	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	2847	1.417	ug/l	61
77) Bromobenzene	12.982	156	1639	0.905	ug/l	94
78) n-propylbenzene	13.035	91	6384	0.734	ug/l	95
79) 2-Chlorotoluene	13.123	91	4175	0.752	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	4174	0.681	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.729	75	553m	0.660	ug/l	
82) 4-Chlorotoluene	13.217	91	3890	0.696	ug/l	87
83) tert-Butylbenzene	13.435	119	3368	0.619	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	3941	0.639	ug/l	89
85) sec-Butylbenzene	13.612	105	4883	0.672	ug/l	98
86) p-Isopropyltoluene	13.729	119	3437	0.572	ug/l	93
87) 1,3-Dichlorobenzene	13.729	146	2596	0.764	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	2759m	0.804	ug/l	
89) n-Butylbenzene	14.059	91	3630	0.666	ug/l	97
90) Hexachloroethane	14.335	117	1031	0.846	ug/l	80
91) 1,2-Dichlorobenzene	14.106	146	2424	0.728	ug/l	85
92) 1,2-Dibromo-3-Chloropr...	14.723	75	439	0.942	ug/l #	24
93) 1,2,4-Trichlorobenzene	15.394	180	1207	0.735	ug/l #	88
94) Hexachlorobutadiene	15.494	225	594	0.726	ug/l	83
95) Naphthalene	15.641	128	2987	0.549	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.853	180	1125	0.685	ug/l #	12

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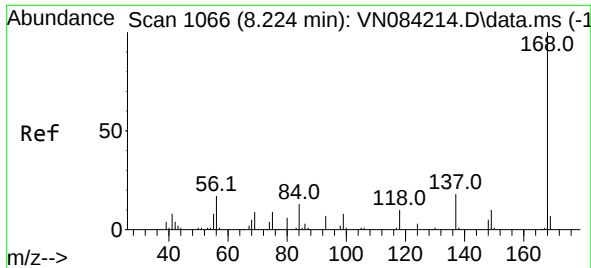
Quant Time: Oct 14 02:55:48 2024
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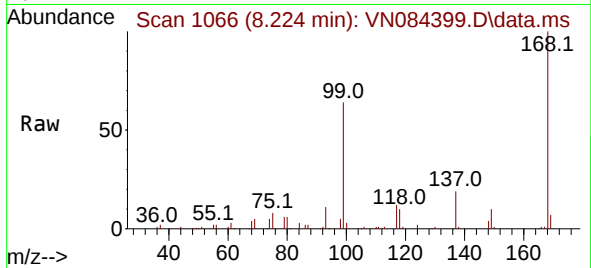
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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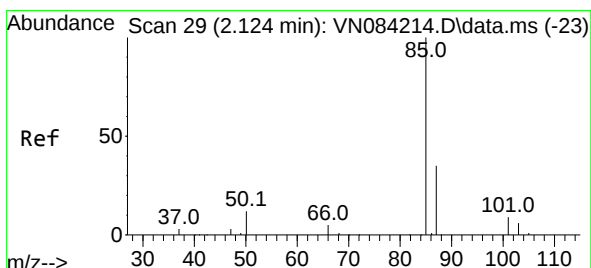
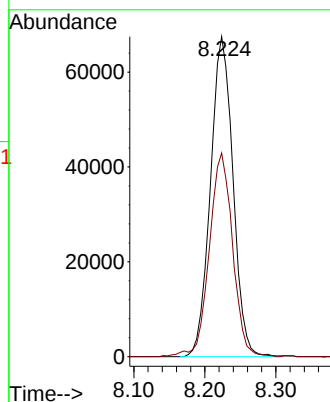
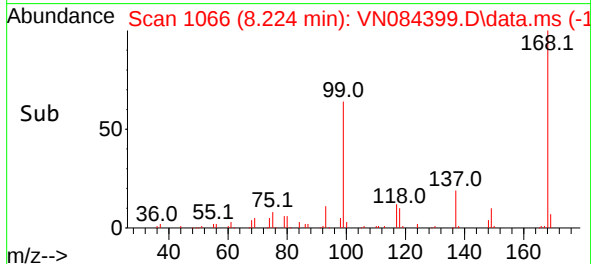
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



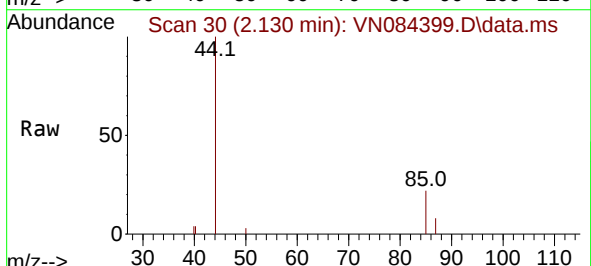
Tgt Ion:168 Resp: 14870
Ion Ratio Lower Upper
168 100
99 63.7 54.2 81.2

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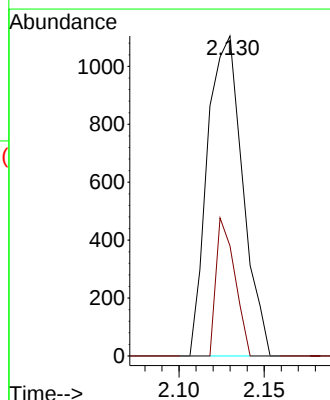
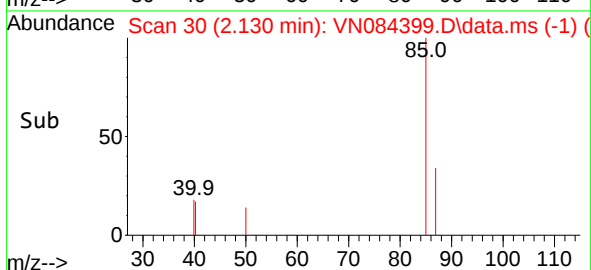
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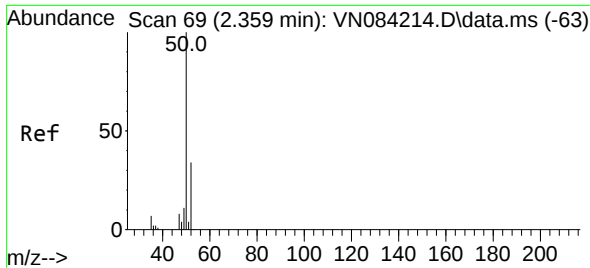


#2
Dichlorodifluoromethane
Concen: 0.902 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54



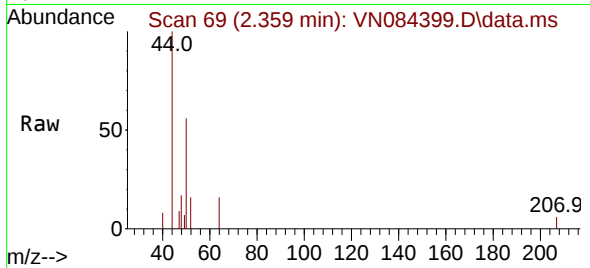
Tgt Ion: 85 Resp: 1586
Ion Ratio Lower Upper
85 100
87 34.4 17.6 52.9





#3
Chloromethane
Concen: 0.935 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

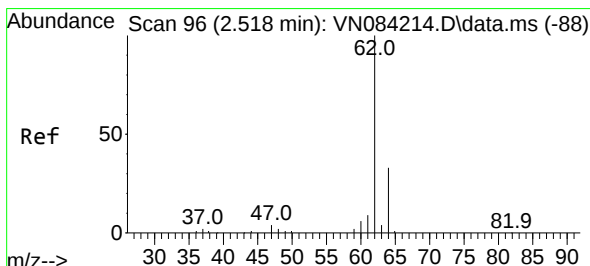
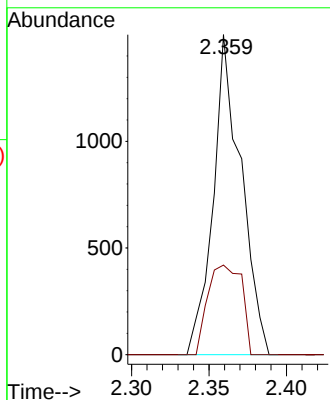
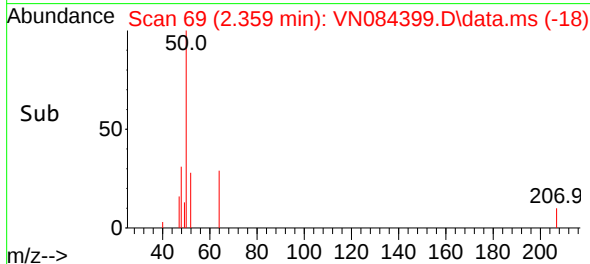
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Tgt Ion: 50 Resp: 187
Ion Ratio Lower Upper
50 100
52 28.0 26.8 40.2

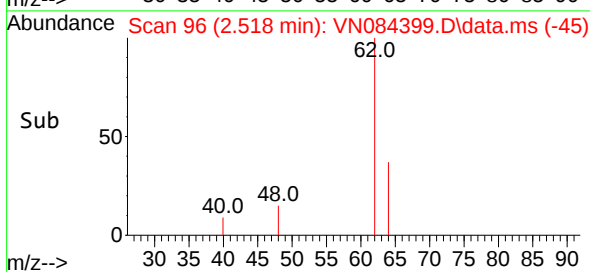
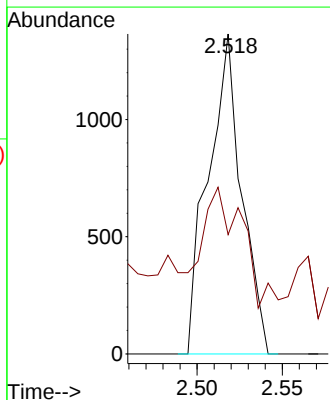
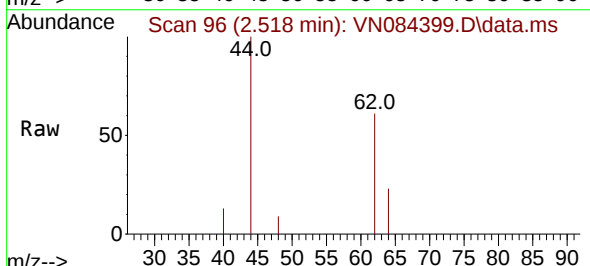
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#4
Vinyl Chloride
Concen: 0.954 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

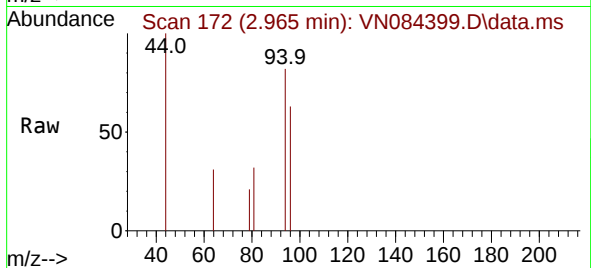
Tgt Ion: 62 Resp: 1855
Ion Ratio Lower Upper
62 100
64 20.4 26.2 39.4





#5
Bromomethane
Concen: 1.045 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

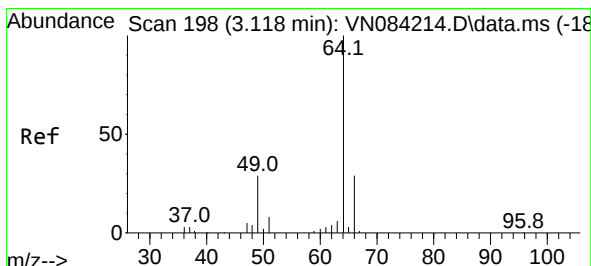
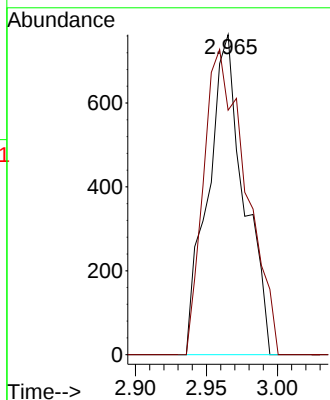
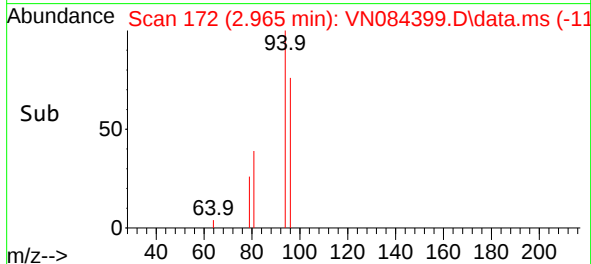
Instrument :
MSVOA_N
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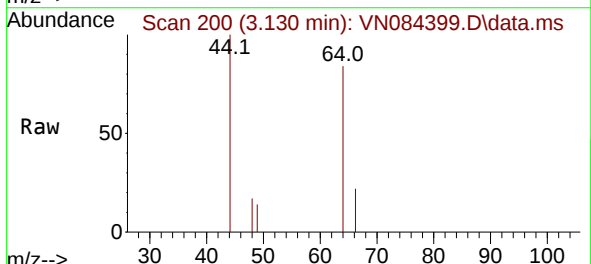
Tgt Ion: 94 Resp: 134
Ion Ratio Lower Upper
94 100
96 76.4 72.9 109.3

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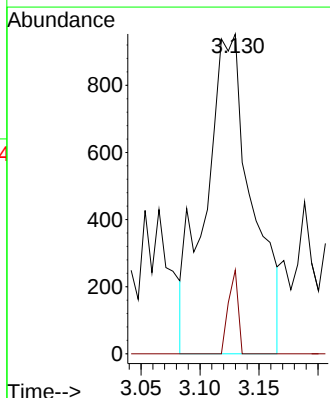
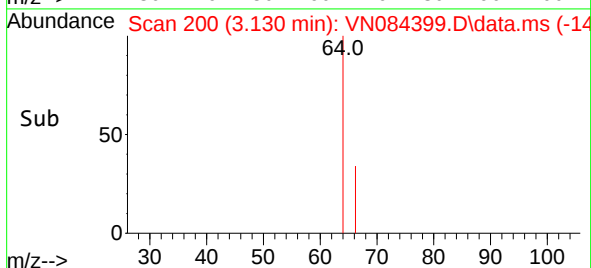
Reviewed By :John Carlone 10/14/2024
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#6
Chloroethane
Concen: 1.867 ug/l m
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54



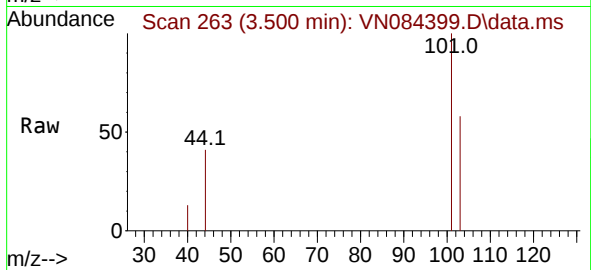
Tgt Ion: 64 Resp: 2601
Ion Ratio Lower Upper
64 100
66 26.2 23.5 35.3





#7
Trichlorofluoromethane
Concen: 0.956 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN084399.D
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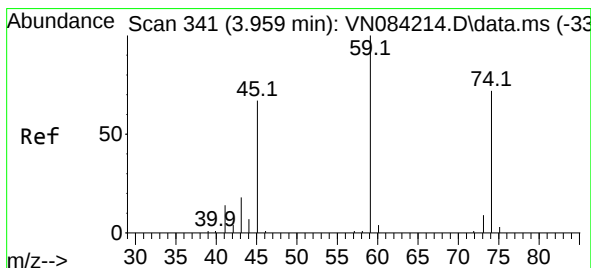
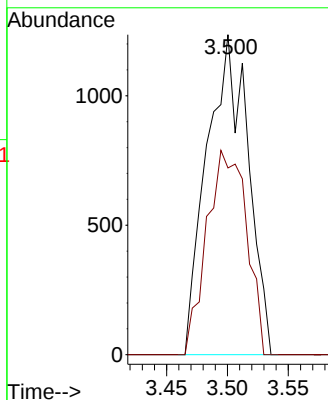
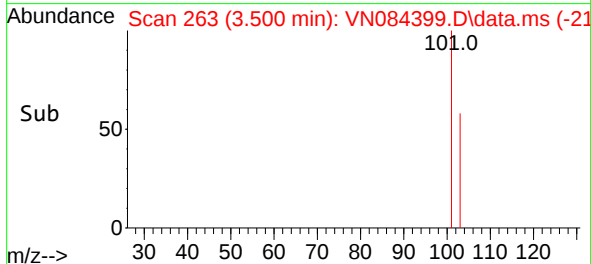
Instrument :
MSVOA_N
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MDL-WATER-03-QT4-2024



Tgt Ion:101 Resp: 2890
Ion Ratio Lower Upper
101 100
103 58.3 51.8 77.6

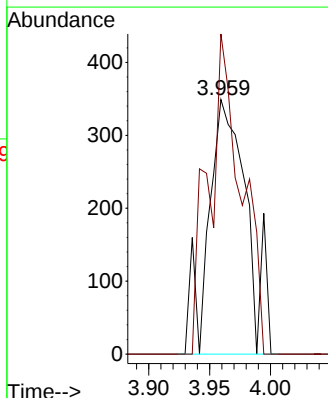
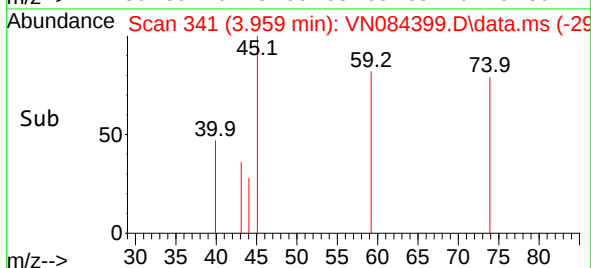
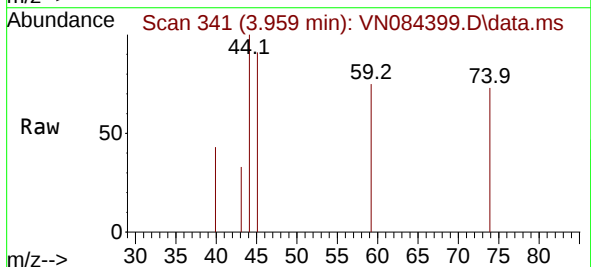
Manual Integrations
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#8
Diethyl Ether
Concen: 0.688 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

Tgt Ion: 74 Resp: 773
Ion Ratio Lower Upper
74 100
45 106.3 47.7 143.1





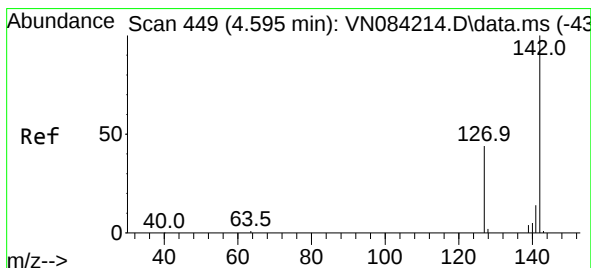
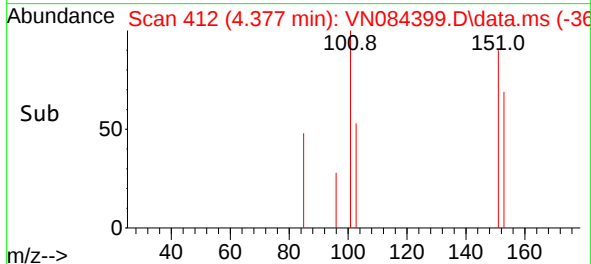
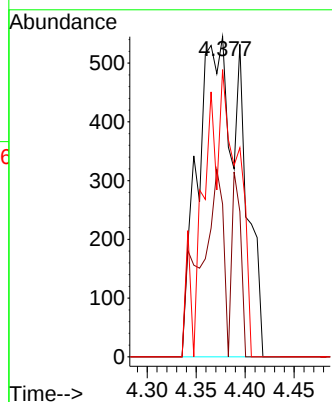
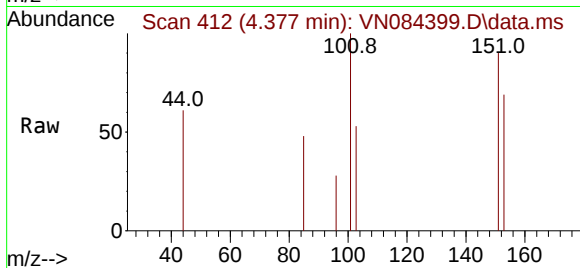
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.965 ug/l m
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084399.D
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ClientSampleId :
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Tgt Ion:101 Resp: 167
Ion Ratio Lower Upper
101 100
85 30.6 36.2 54.4
151 69.5 59.3 88.9

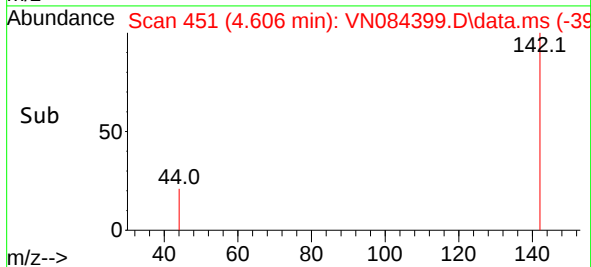
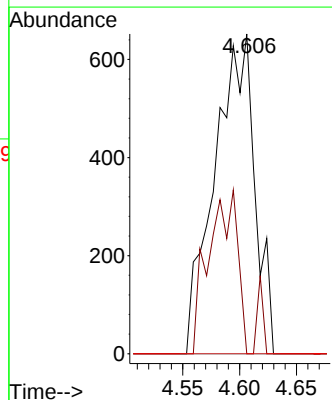
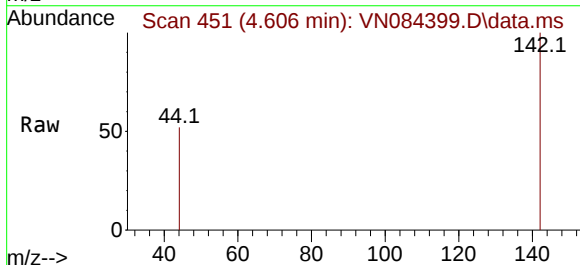
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 0.718 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.012 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

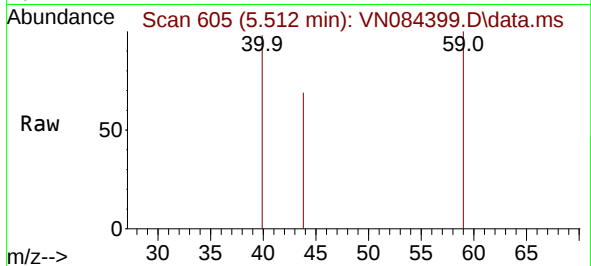
Tgt Ion:142 Resp: 1606
Ion Ratio Lower Upper
142 100
127 0.0 35.3 52.9#
141 0.0 11.0 16.6#





#11
Tert butyl alcohol
Concen: 2.085 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

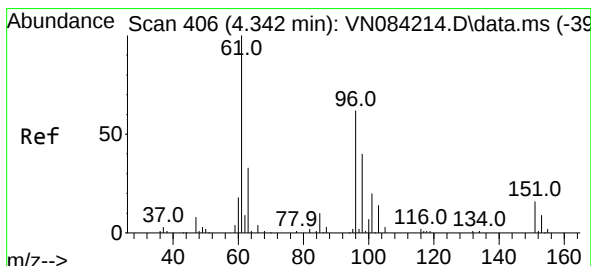
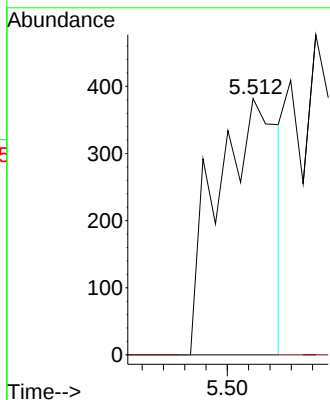
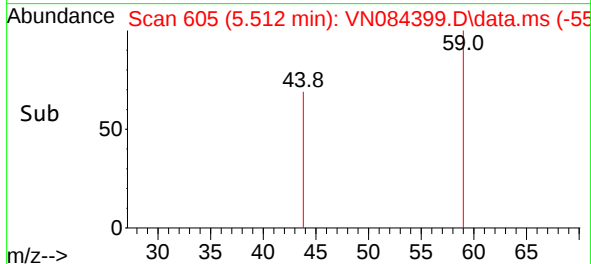
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



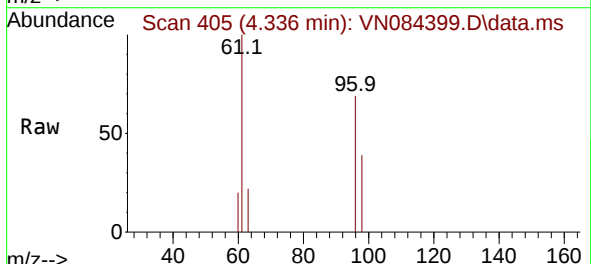
Tgt Ion: 59 Resp: 758
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2

Manual Integrations
APPROVED

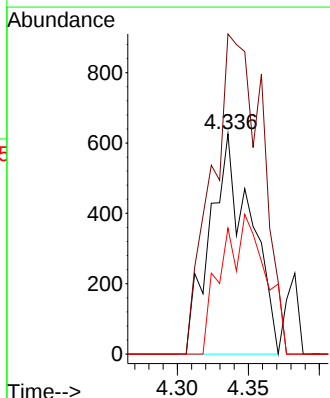
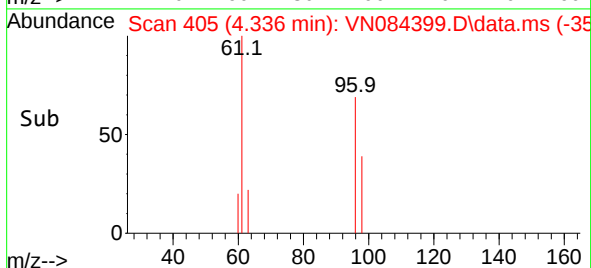
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#12
1,1-Dichloroethene
Concen: 0.746 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54



Tgt Ion: 96 Resp: 1249
Ion Ratio Lower Upper
96 100
61 145.4 128.6 192.8
98 57.2 51.7 77.5





#13

Acrolein

Concen: 1.572 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN084399.D

Acq: 11 Oct 2024 14:54

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 56 Resp: 650

Ion Ratio Lower Upper

56 100

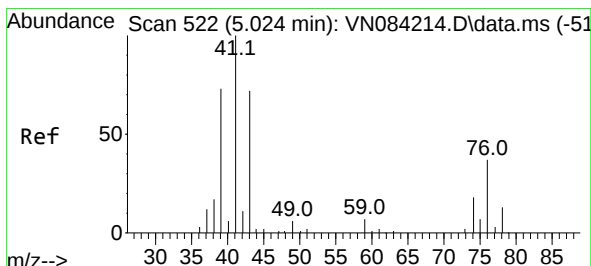
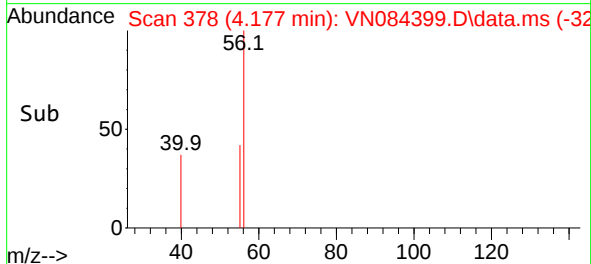
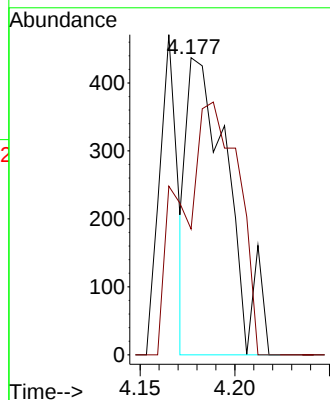
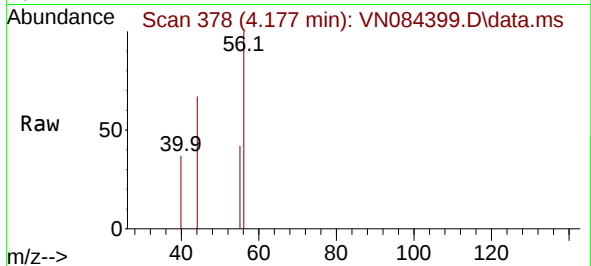
55 118.4 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#14

Allyl chloride

Concen: 0.740 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN084399.D

Acq: 11 Oct 2024 14:54

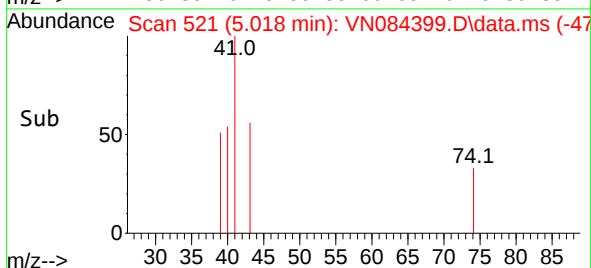
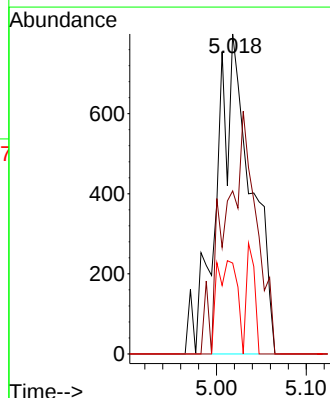
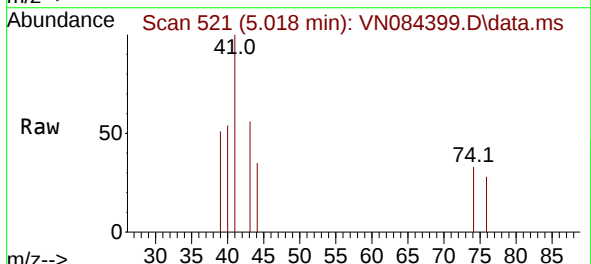
Tgt Ion: 41 Resp: 2152

Ion Ratio Lower Upper

41 100

39 0.0 59.0 88.6#

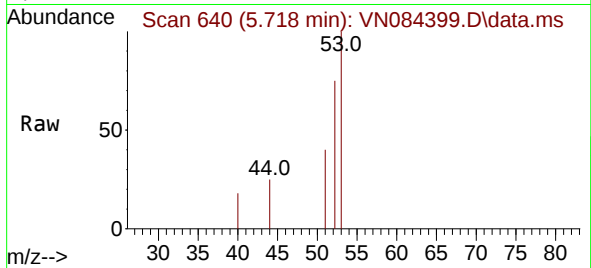
76 16.8 29.8 44.6#





#15
Acrylonitrile
Concen: 3.714 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

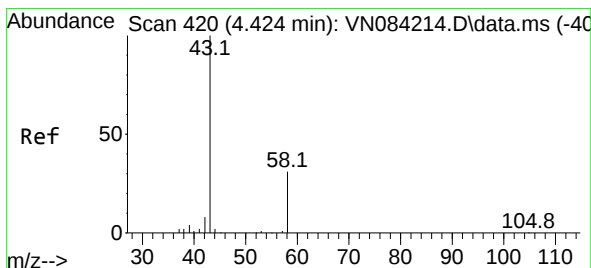
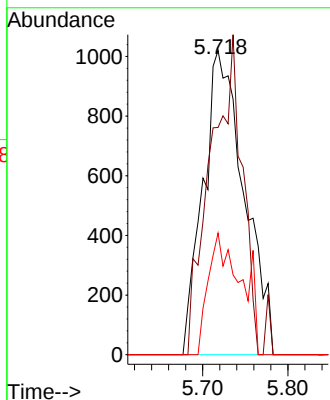
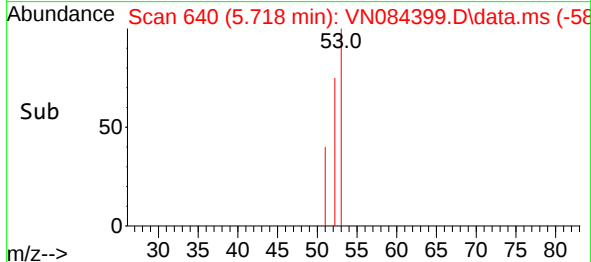
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



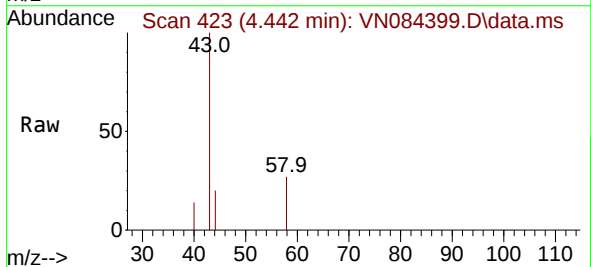
Tgt Ion: 53 Resp: 3410
Ion Ratio Lower Upper
53 100
52 81.1 66.2 99.4
51 31.9 28.8 43.2

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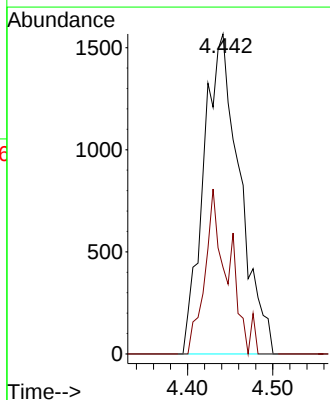
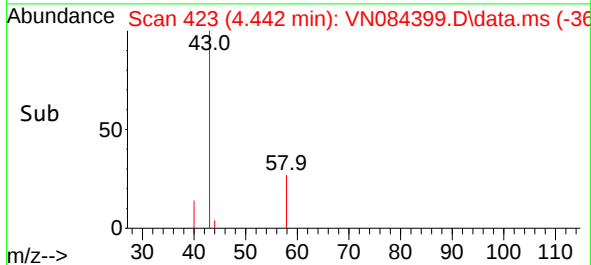
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

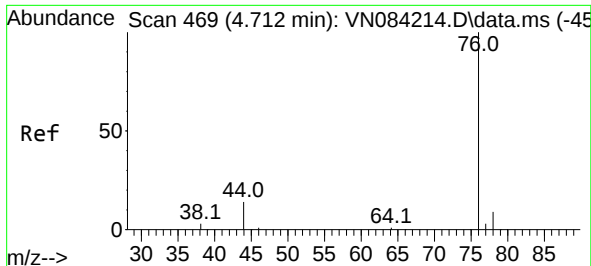


#16
Acetone
Concen: 4.845 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54



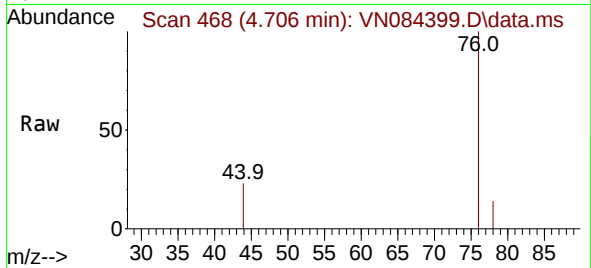
Tgt Ion: 43 Resp: 4589
Ion Ratio Lower Upper
43 100
58 27.1 24.4 36.6





#17
Carbon Disulfide
Concen: 0.851 ug/l
RT: 4.706 min Scan# 4510
Delta R.T. -0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

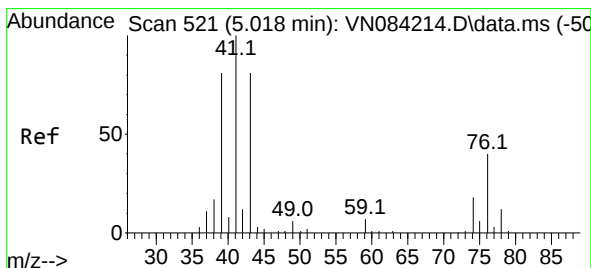
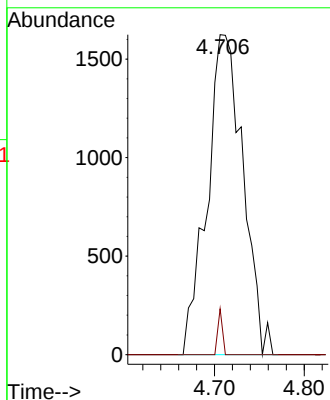
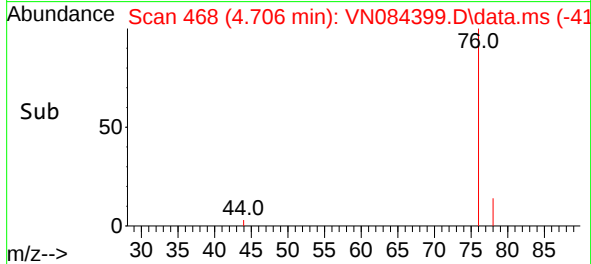
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 76 Resp: 4510
Ion Ratio Lower Upper
76 100
78 14.3 7.3 10.9

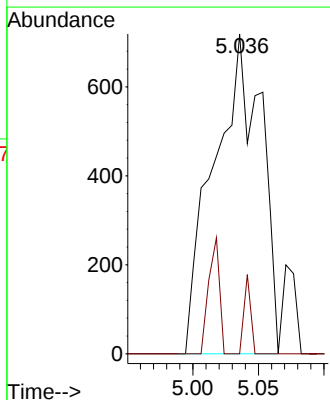
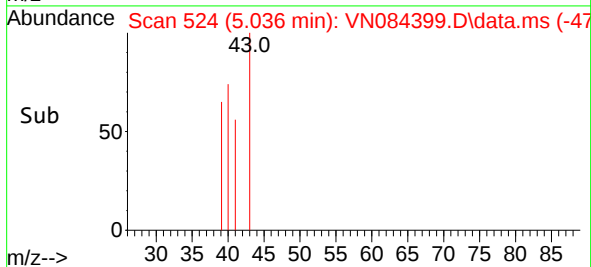
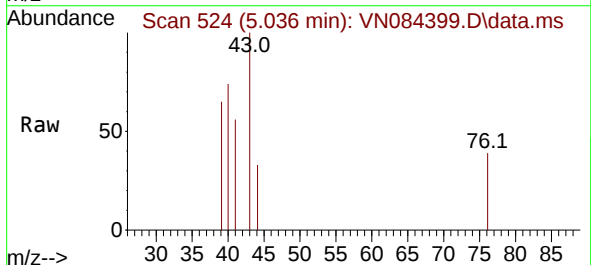
Manual Integrations
APPROVED

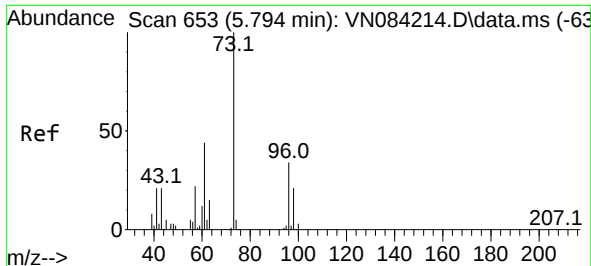
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#18
Methyl Acetate
Concen: 0.871 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

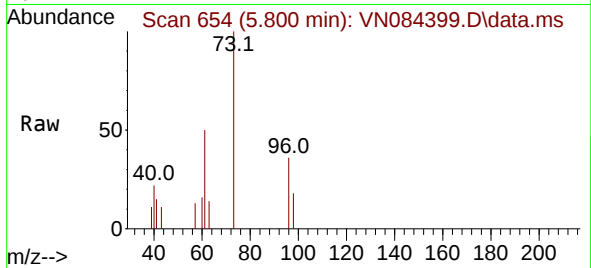
Tgt Ion: 43 Resp: 1797
Ion Ratio Lower Upper
43 100
74 3.5 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 0.725 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

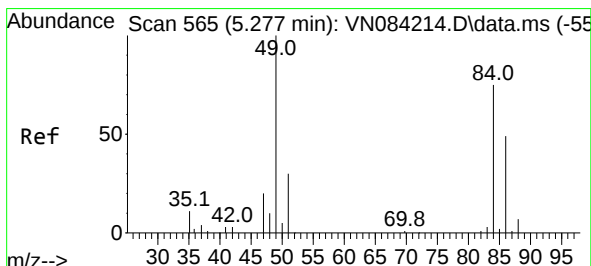
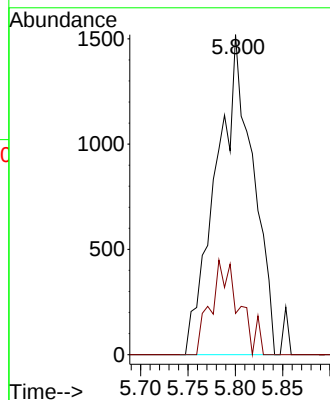
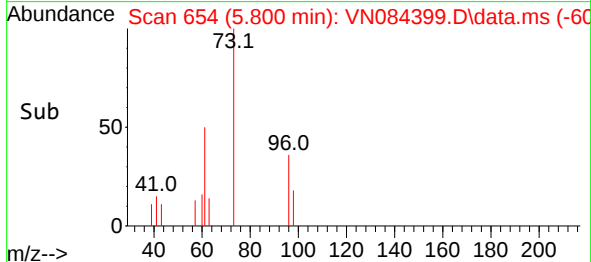
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 73 Resp: 4098
Ion Ratio Lower Upper
73 100
57 12.9 17.7 26.5

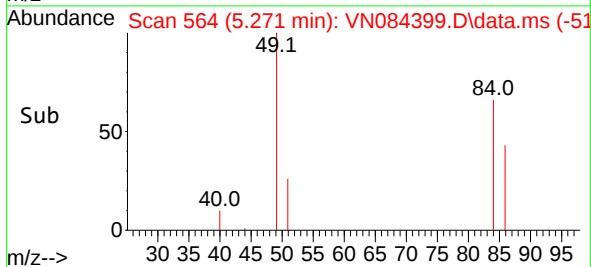
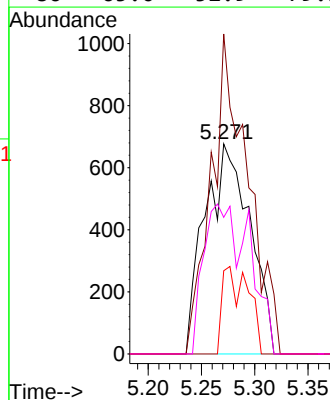
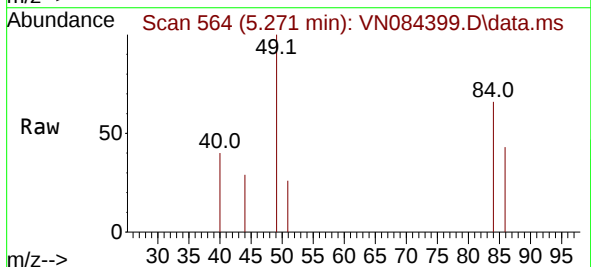
Manual Integrations
APPROVED

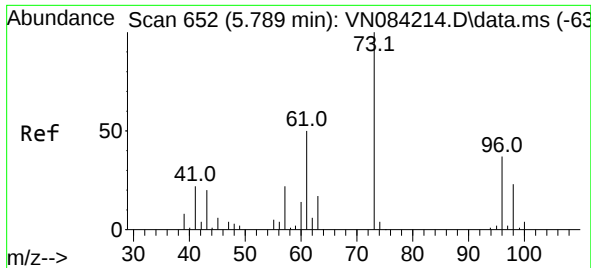
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#20
Methylene Chloride
Concen: 1.040 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

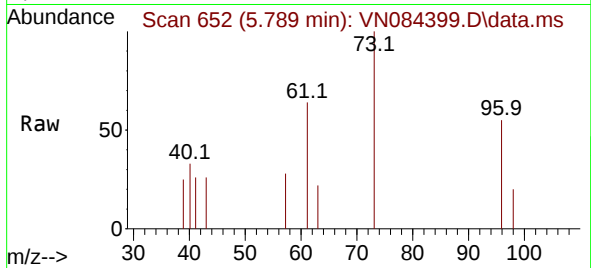
Tgt Ion: 84 Resp: 2002
Ion Ratio Lower Upper
84 100
49 152.3 107.2 160.8
51 39.6 31.8 47.8
86 65.0 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 0.731 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

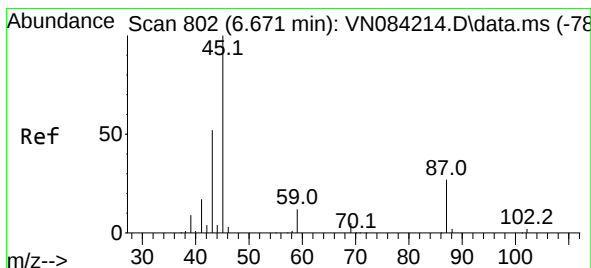
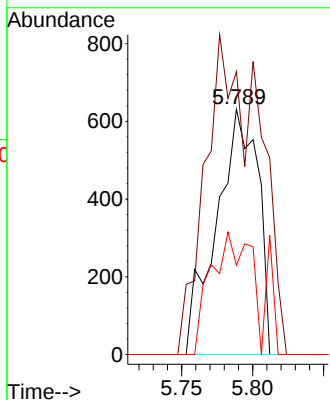
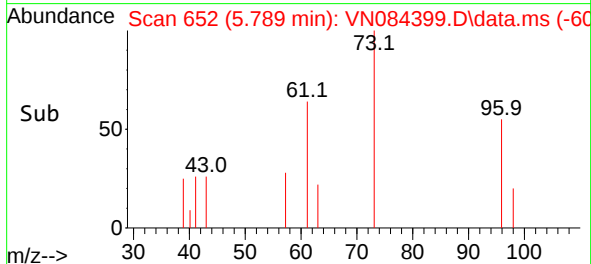
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



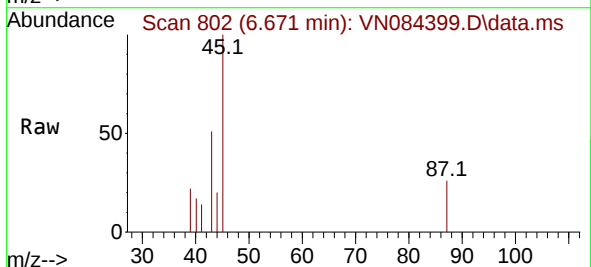
Tgt Ion: 96 Resp: 128
Ion Ratio Lower Upper
96 100
61 115.4 108.4 162.6
98 36.5 49.8 74.8

Manual Integrations
APPROVED

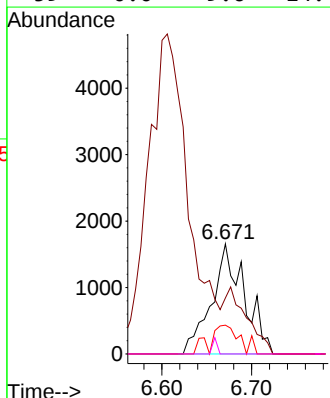
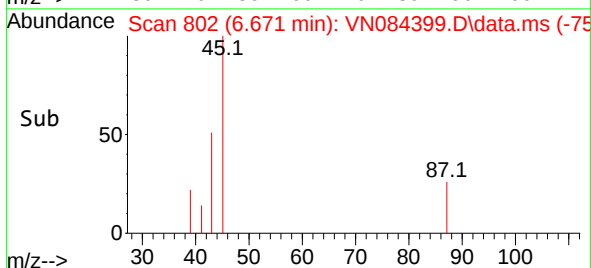
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

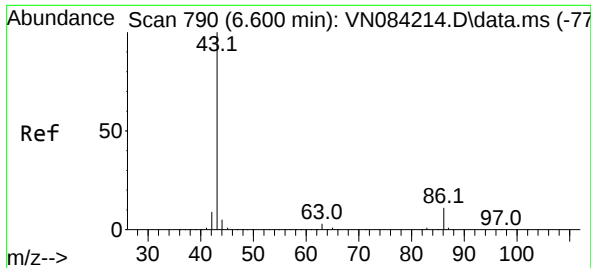


#22
Diisopropyl ether
Concen: 0.698 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54



Tgt Ion: 45 Resp: 4201
Ion Ratio Lower Upper
45 100
43 50.9 42.3 63.5
87 26.3 21.8 32.6
59 0.0 9.6 14.4





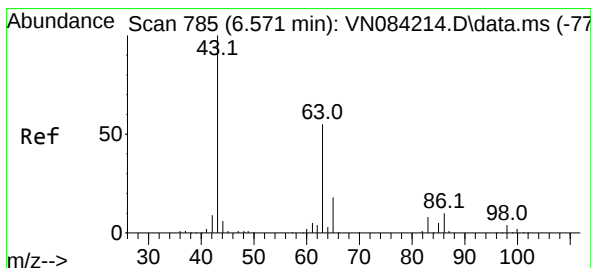
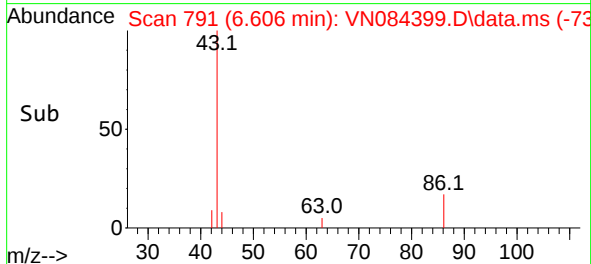
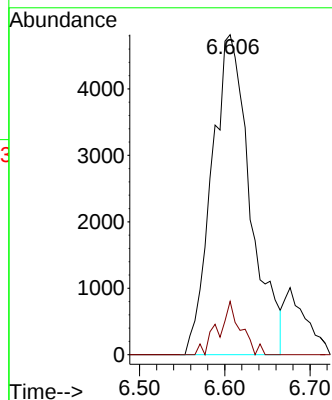
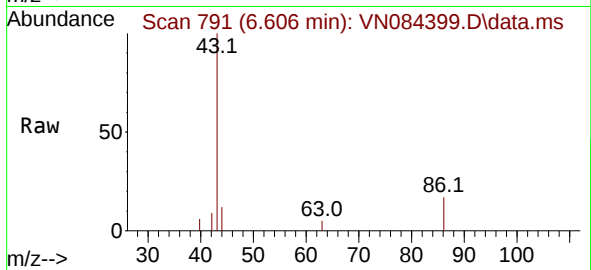
#23
 Vinyl Acetate
 Concen: 3.385 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN084399.D
 Acq: 11 Oct 2024 14:54

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

Tgt Ion: 43 Resp: 1510
 Ion Ratio Lower Upper
 43 100
 86 16.7 8.6 12.8

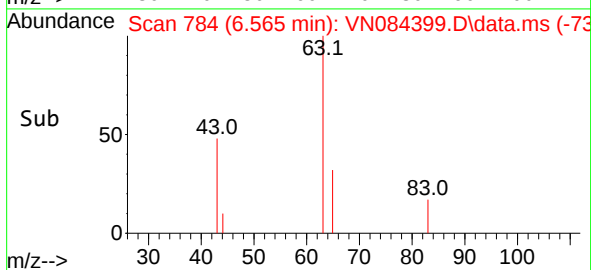
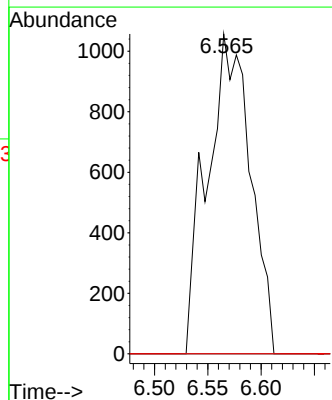
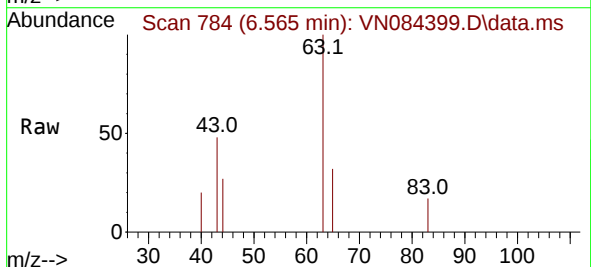
Manual Integrations
 APPROVED

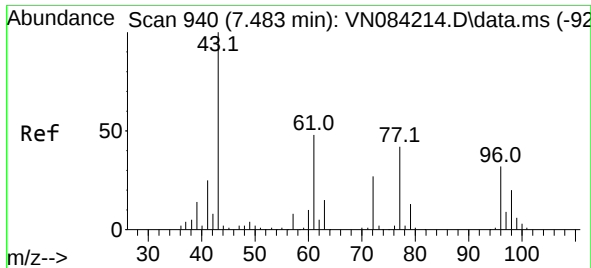
Reviewed By :John Carlone 10/14/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#24
 1,1-Dichloroethane
 Concen: 0.887 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN084399.D
 Acq: 11 Oct 2024 14:54

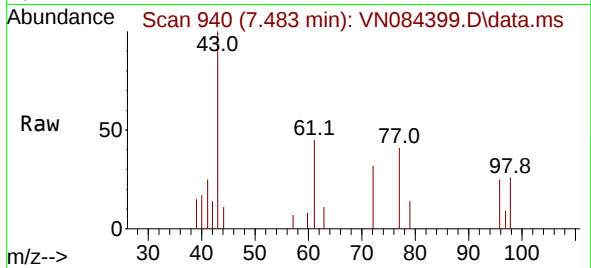
Tgt Ion: 63 Resp: 2985
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 0.0 2.0 5.8#





#25
2-Butanone
Concen: 4.309 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

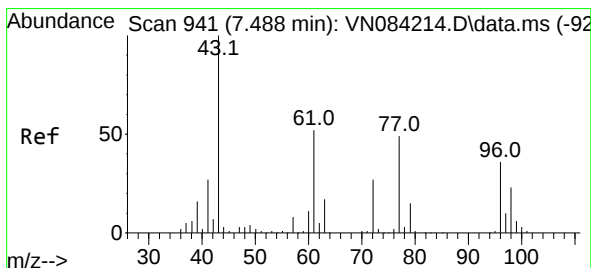
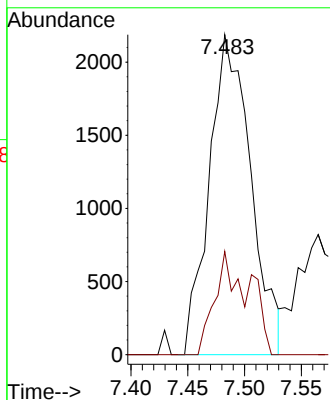
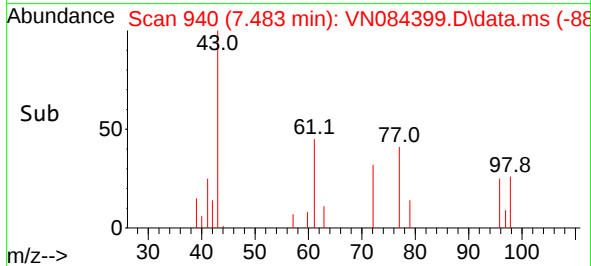
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



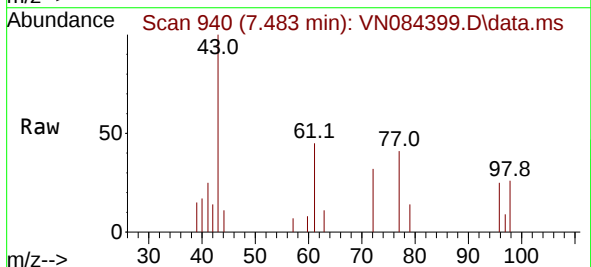
Tgt Ion: 43 Resp: 555
Ion Ratio Lower Upper
43 100
72 32.2 21.4 32.2

Manual Integrations
APPROVED

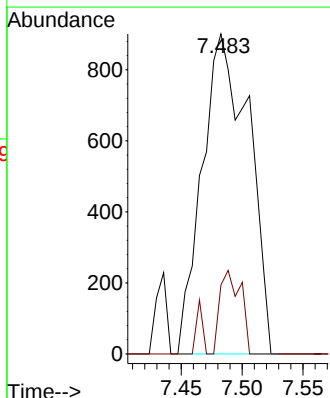
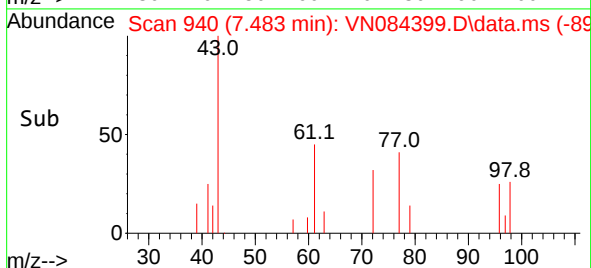
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#26
2,2-Dichloropropane
Concen: 0.793 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54



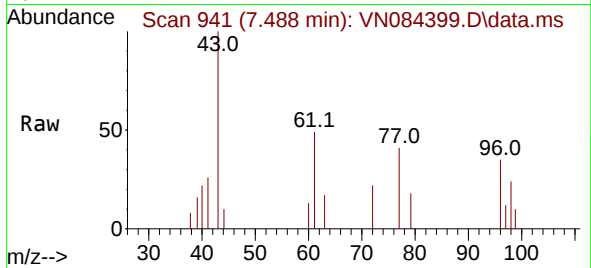
Tgt Ion: 77 Resp: 2404
Ion Ratio Lower Upper
77 100
97 11.6 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 0.730 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN084399.D
 Acq: 11 Oct 2024 14:54

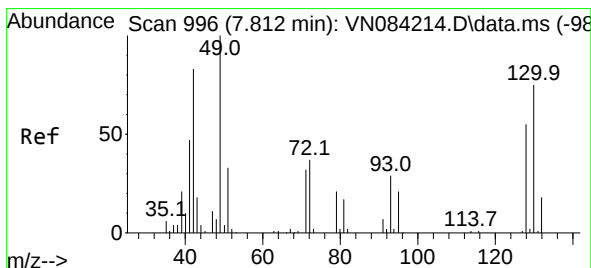
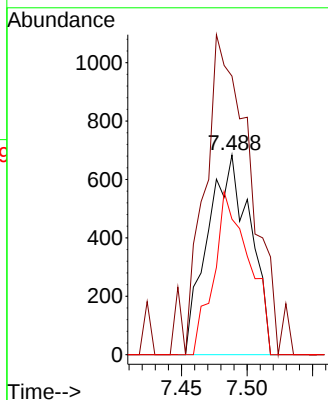
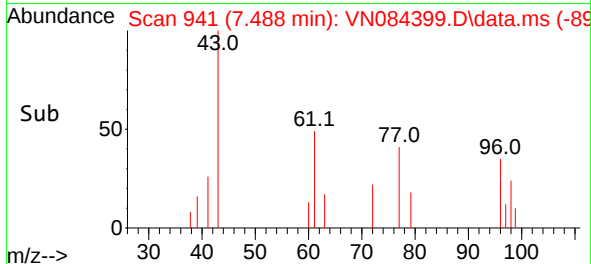
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2024



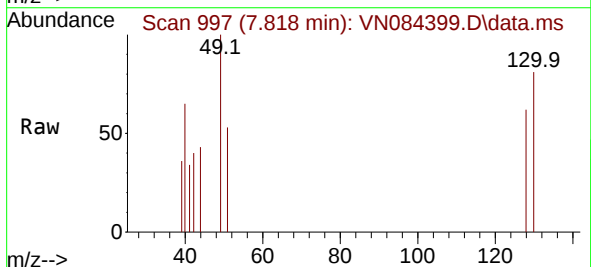
Tgt Ion: 96 Resp: 154
 Ion Ratio Lower Upper
 96 100
 61 176.1 0.0 301.8
 98 67.4 0.0 128.2

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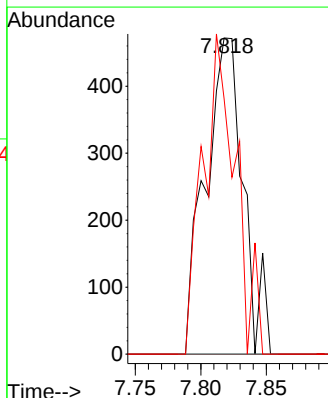
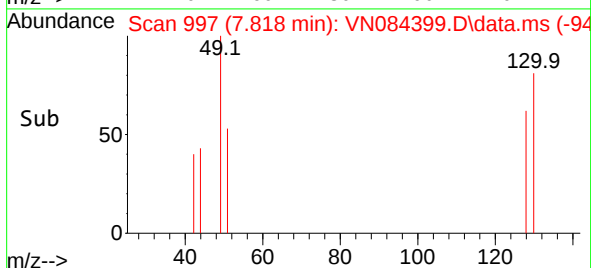
Reviewed By :John Carlone 10/14/2024
 Supervised By :Mahesh Dadoda 10/14/2024

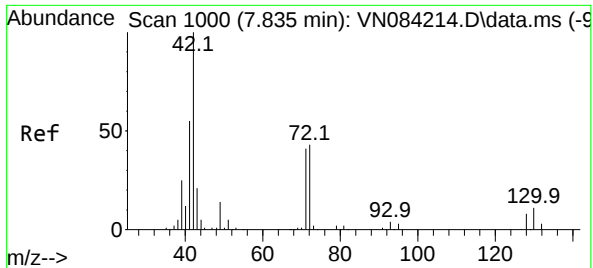


#28
 Bromochloromethane
 Concen: 0.632 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN084399.D
 Acq: 11 Oct 2024 14:54



Tgt Ion: 49 Resp: 948
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 87.1 58.0 87.0#





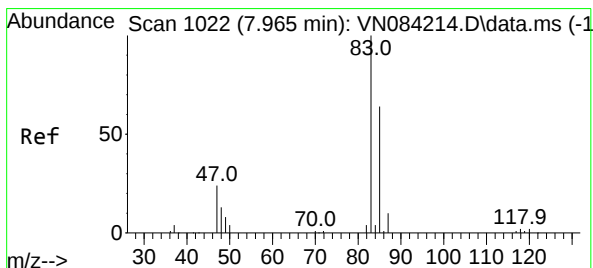
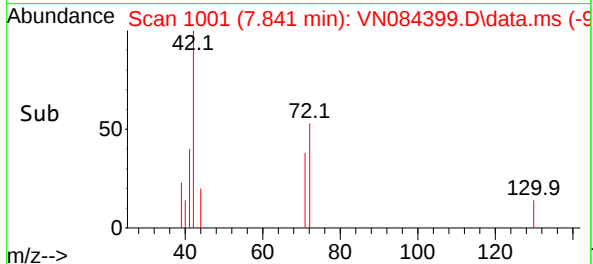
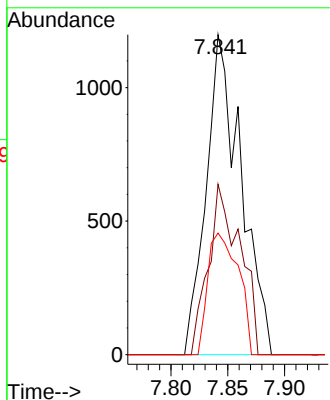
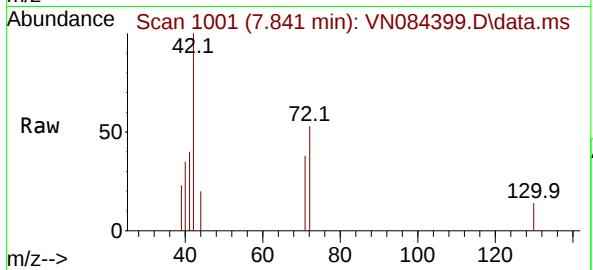
#29
Tetrahydrofuran
Concen: 3.193 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

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

Tgt Ion: 42 Resp: 254
Ion Ratio Lower Upper
42 100
72 48.6 34.6 51.8
71 33.4 32.2 48.4

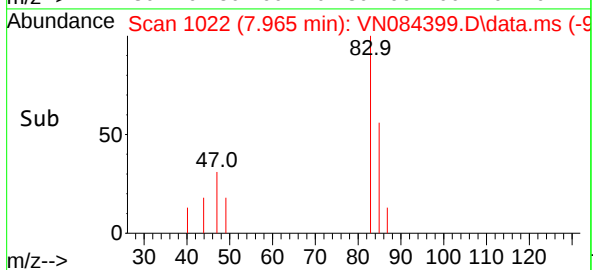
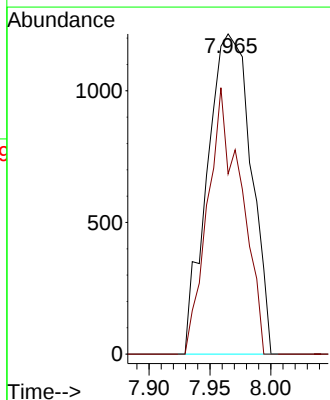
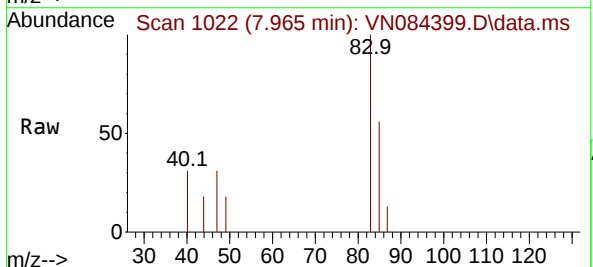
Manual Integrations
APPROVED

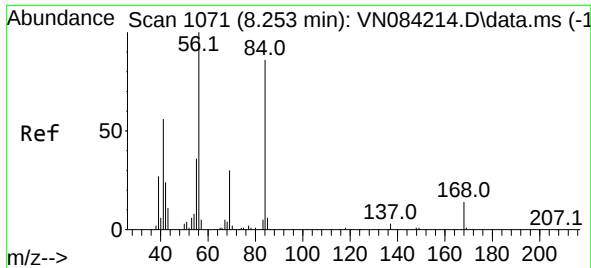
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#30
Chloroform
Concen: 0.872 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

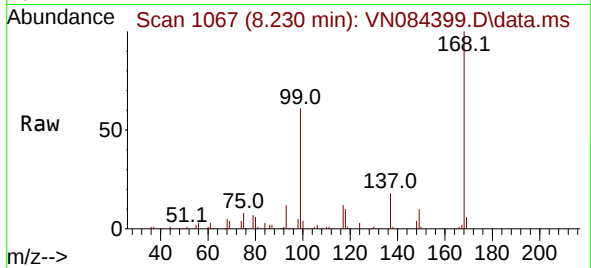
Tgt Ion: 83 Resp: 3045
Ion Ratio Lower Upper
83 100
85 56.3 51.0 76.4





#31
Cyclohexane
Concen: 1.288 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

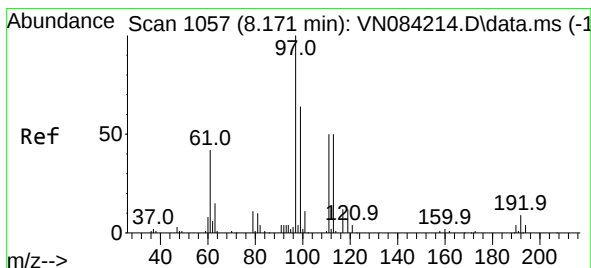
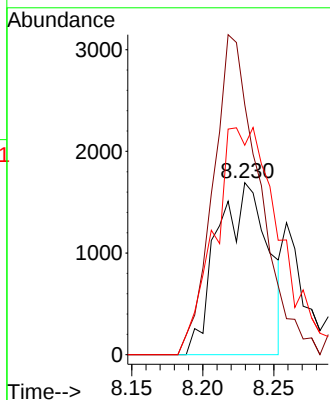
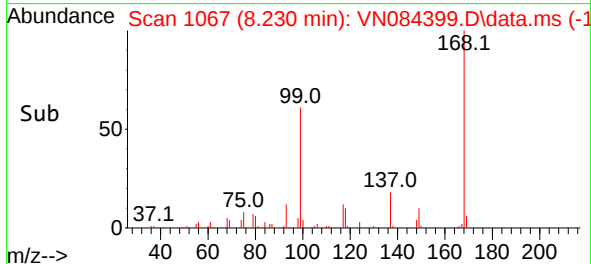
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 56 Resp: 4200
Ion Ratio Lower Upper
56 100
69 145.4 23.8 35.6
84 121.7 68.8 103.2

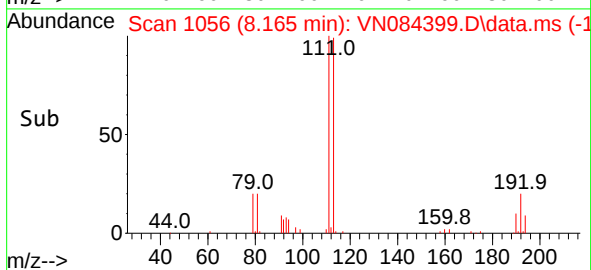
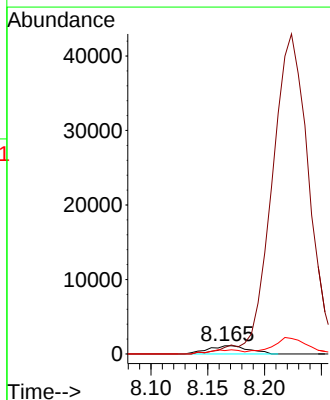
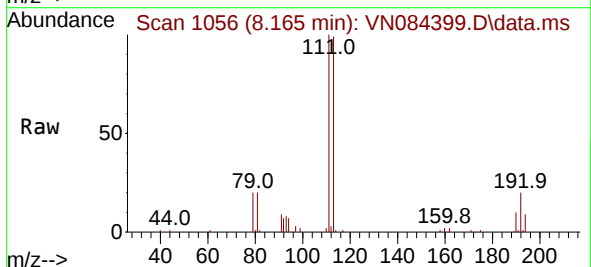
Manual Integrations
APPROVED

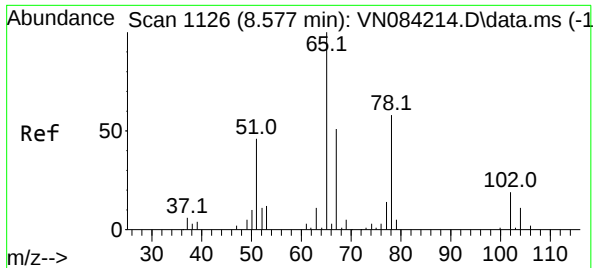
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#32
1,1,1-Trichloroethane
Concen: 0.865 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

Tgt Ion: 97 Resp: 2715
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8
61 40.1 37.5 56.3





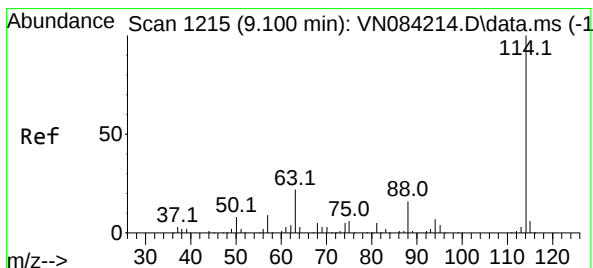
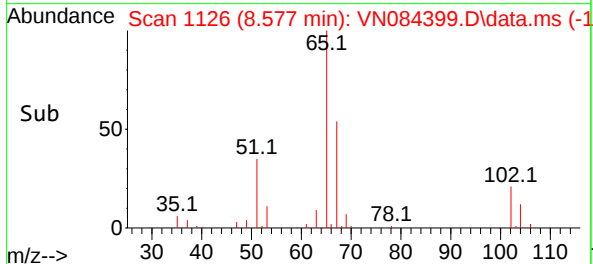
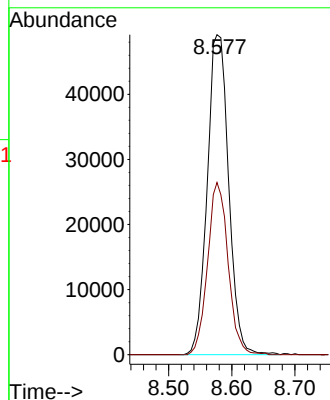
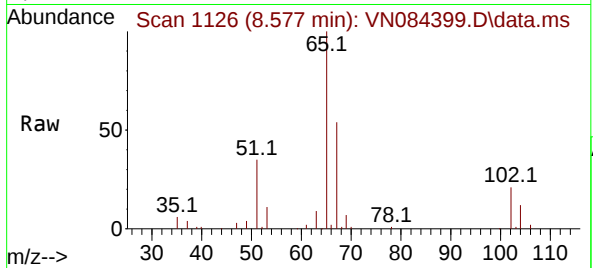
#33
1,2-Dichloroethane-d4
Concen: 52.603 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

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

Tgt Ion: 65 Resp: 115978
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.0

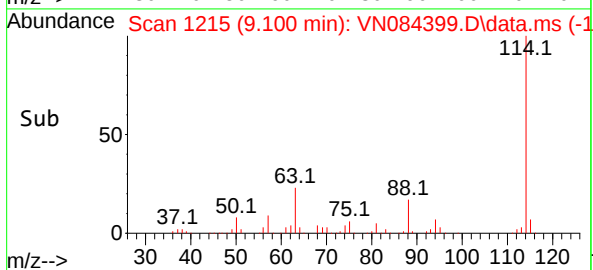
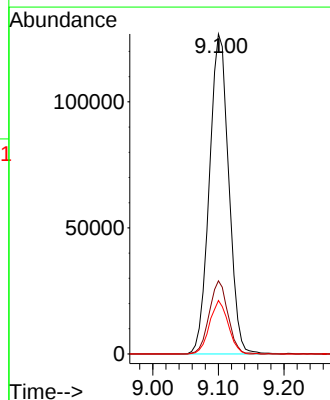
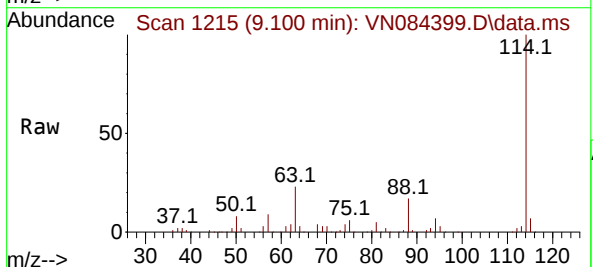
Manual Integrations
APPROVED

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



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

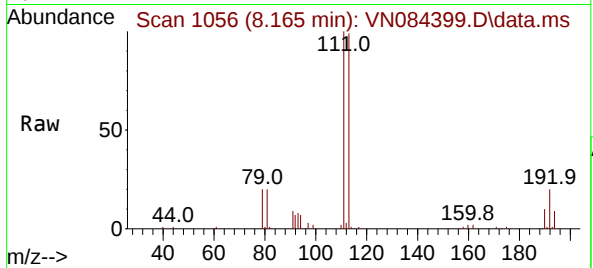
Tgt Ion:114 Resp: 260123
Ion Ratio Lower Upper
114 100
63 22.9 0.0 43.8
88 16.7 0.0 31.6





#35
Dibromofluoromethane
Concen: 52.834 ug/l
RT: 8.165 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

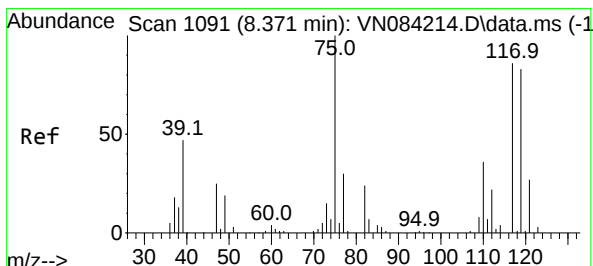
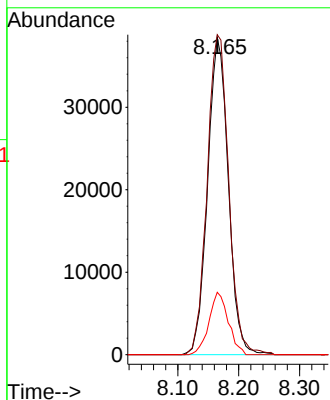
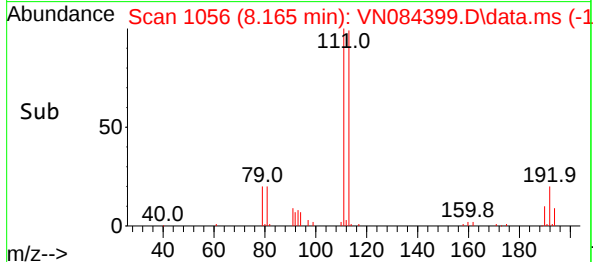
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



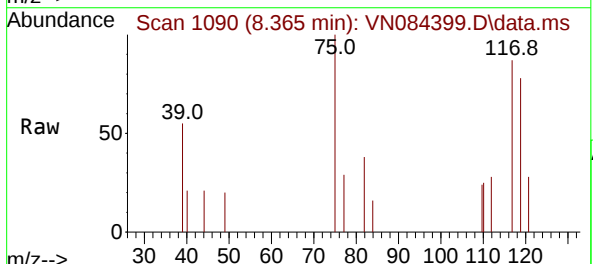
Tgt Ion: 113 Resp: 90604
Ion Ratio Lower Upper
113 100
111 105.1 83.3 124.9
192 18.4 13.5 20.3

Manual Integrations
APPROVED

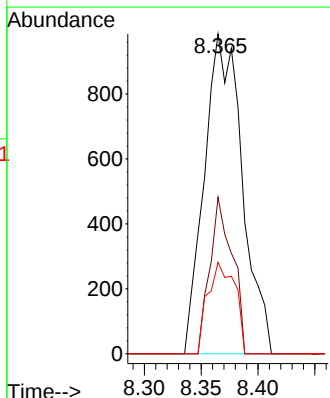
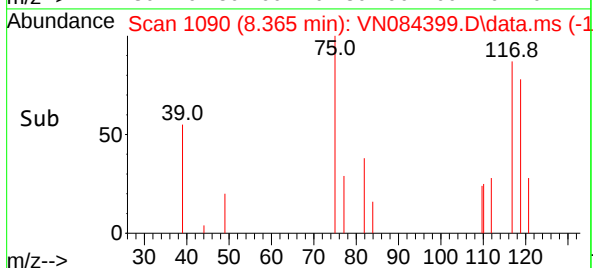
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

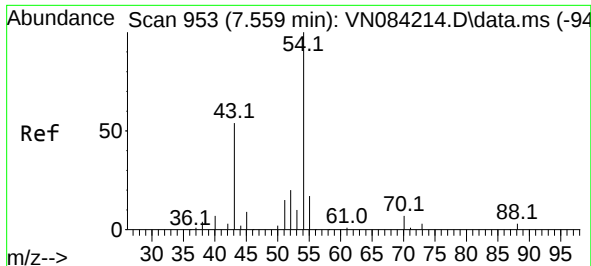


#36
1,1-Dichloropropene
Concen: 0.916 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54



Tgt Ion: 75 Resp: 2282
Ion Ratio Lower Upper
75 100
110 29.2 16.9 50.7
77 20.5 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.717 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN084399.D

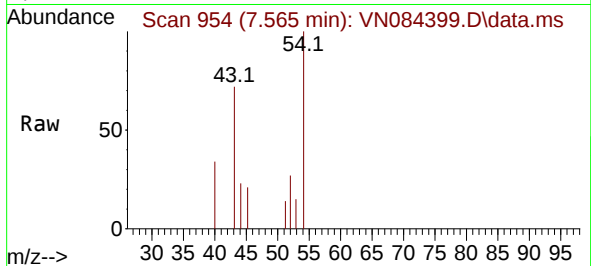
Acq: 11 Oct 2024 14:54

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024



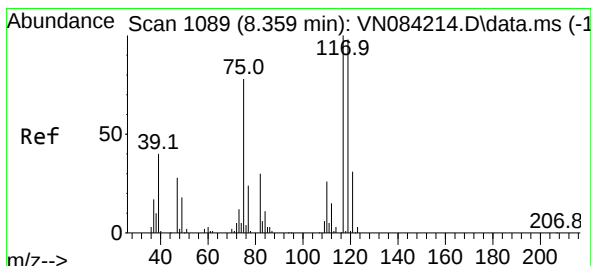
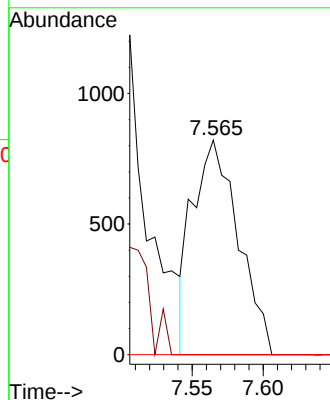
Tgt Ion: 43	Resp: 183
Ion Ratio	Lower Upper
43	100
61	0.0 10.7 16.1
70	0.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#38

Carbon Tetrachloride

Concen: 0.775 ug/l

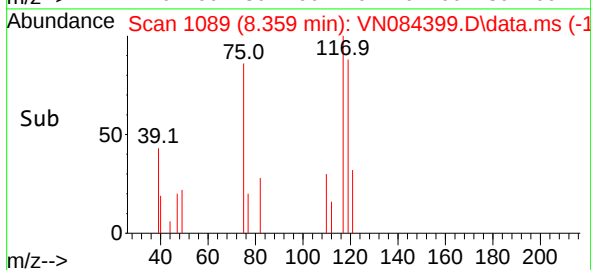
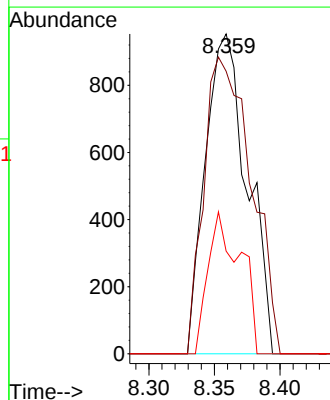
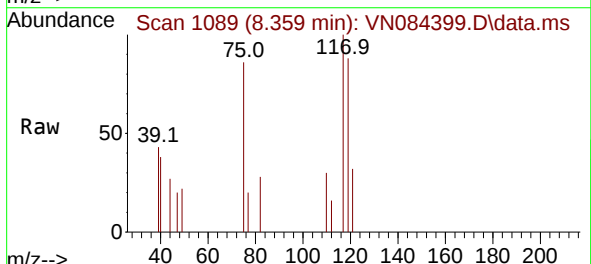
RT: 8.359 min Scan# 1089

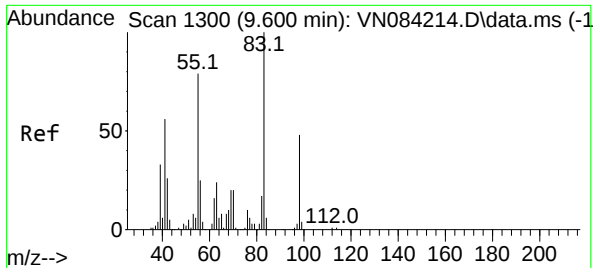
Delta R.T. -0.000 min

Lab File: VN084399.D

Acq: 11 Oct 2024 14:54

Tgt Ion: 117	Resp: 2117
Ion Ratio	Lower Upper
117	100
119	88.4 78.7 118.1
121	32.1 24.4 36.6





#39

Methylcyclohexane

Concen: 0.660 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN084399.D

Acq: 11 Oct 2024 14:54

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024

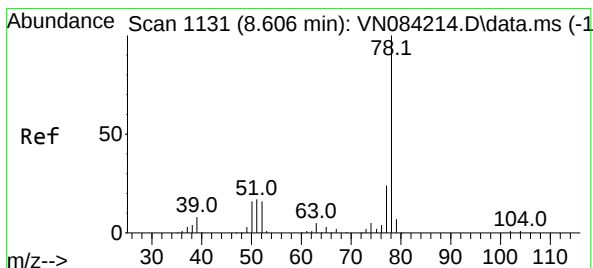
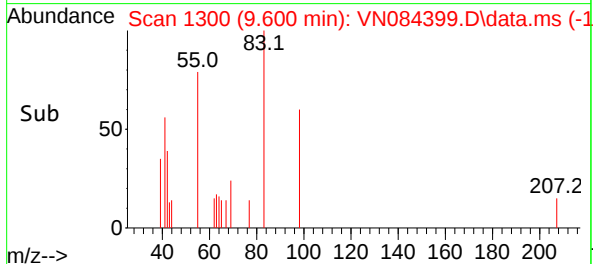
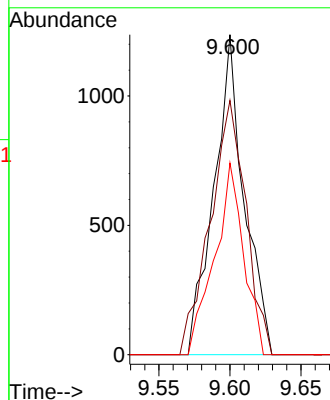
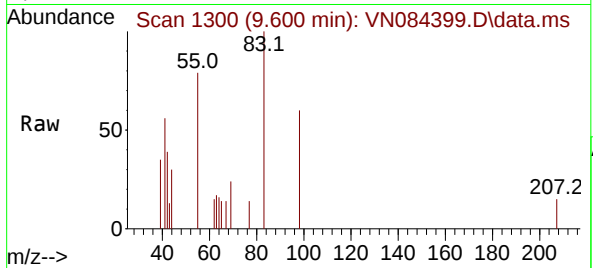
Tgt Ion: 83	Resp: 1829
Ion Ratio	Lower Upper
83	100
55	79.5 62.8 94.2
98	59.9 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#40

Benzene

Concen: 0.838 ug/l

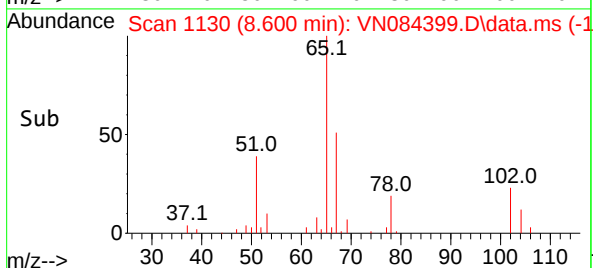
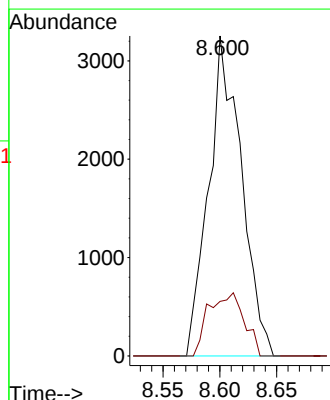
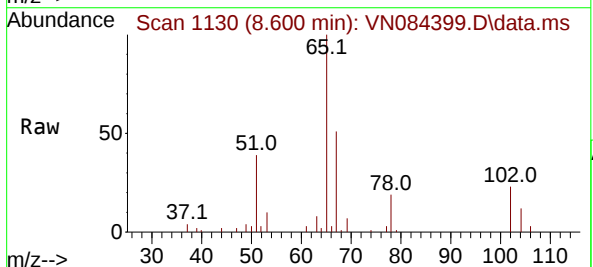
RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN084399.D

Acq: 11 Oct 2024 14:54

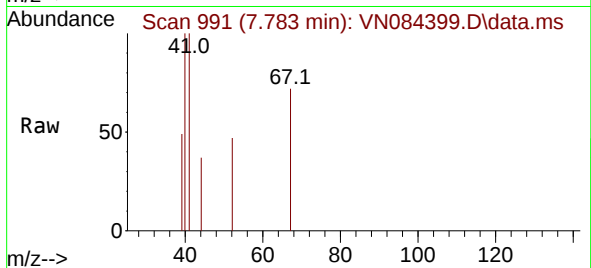
Tgt Ion: 78	Resp: 6503
Ion Ratio	Lower Upper
78	100
77	17.1 19.1 28.7





#41
Methacrylonitrile
Concen: 0.746 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

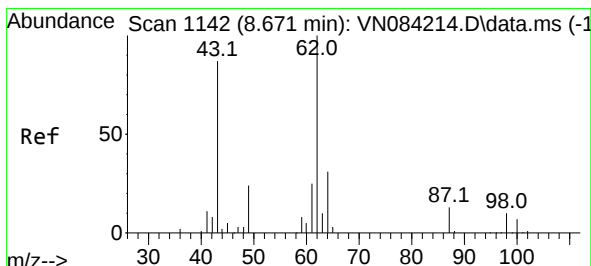
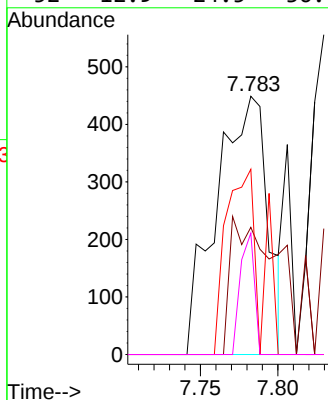
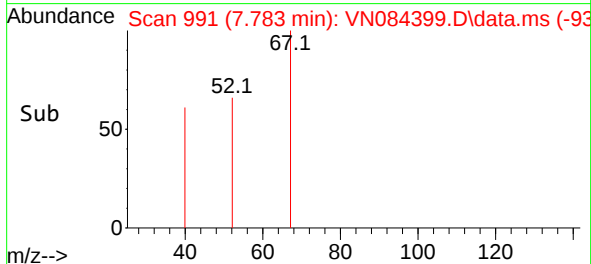
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 41 Resp: 1035
Ion Ratio Lower Upper
41 100
39 46.6 43.3 64.9
67 47.8 56.1 84.1
52 12.9 24.5 36.7

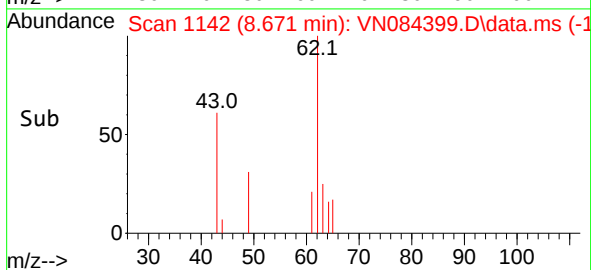
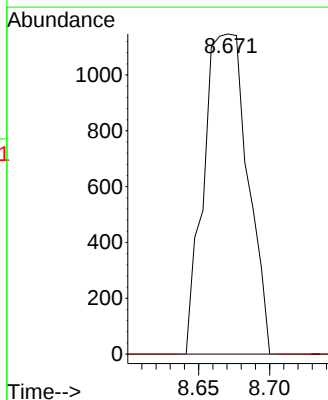
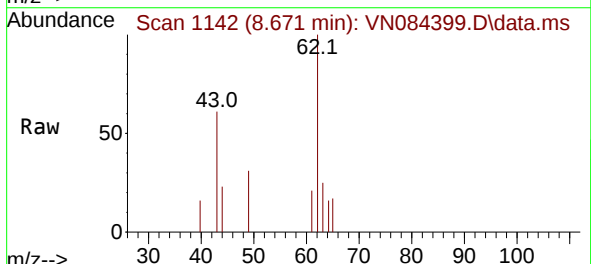
Manual Integrations
APPROVED

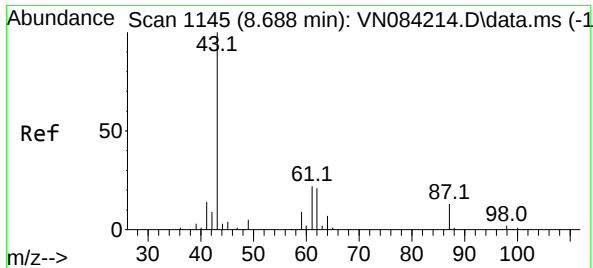
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#42
1,2-Dichloroethane
Concen: 0.936 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

Tgt Ion: 62 Resp: 2463
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2





#43

Isopropyl Acetate

Concen: 0.813 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN084399.D

Acq: 11 Oct 2024 14:54

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024

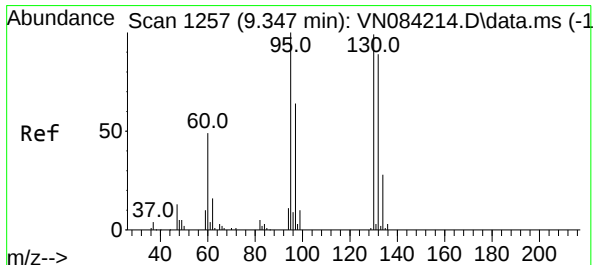
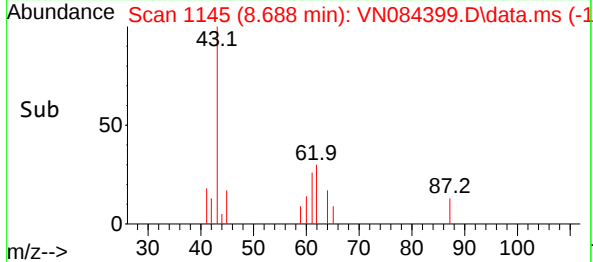
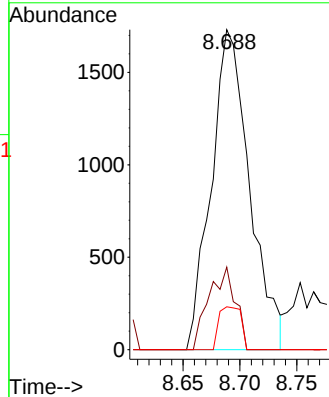
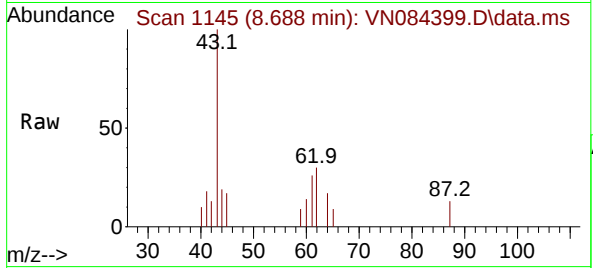
Tgt Ion: 43	Resp: 4070
Ion Ratio	Lower Upper
43	100
61	17.9 20.4 30.6
87	7.7 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#44

Trichloroethene

Concen: 0.797 ug/l

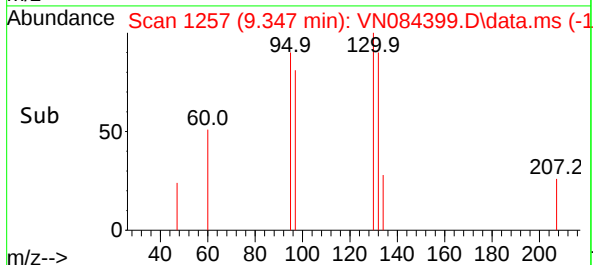
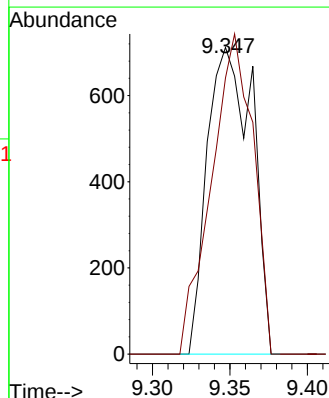
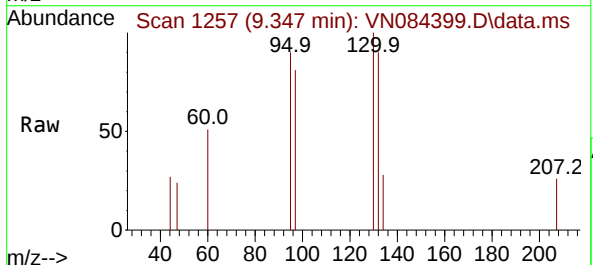
RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN084399.D

Acq: 11 Oct 2024 14:54

Tgt Ion:130	Resp: 1445
Ion Ratio	Lower Upper
130	100
95	90.0 0.0 203.0





#45

1,2-Dichloropropane

Concen: 0.827 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084399.D

Acq: 11 Oct 2024 14:54

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024

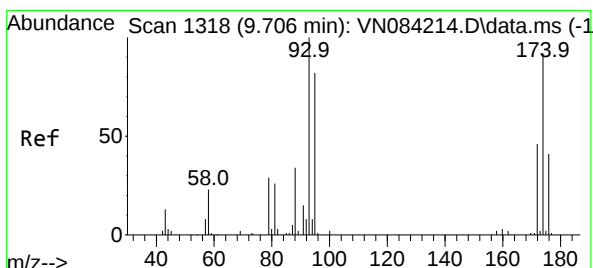
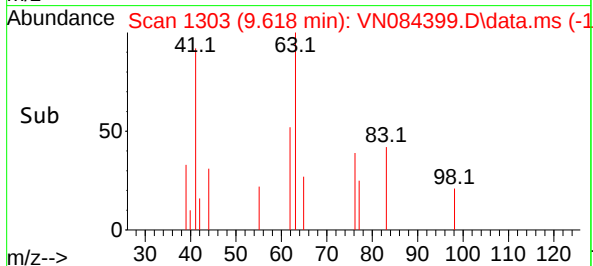
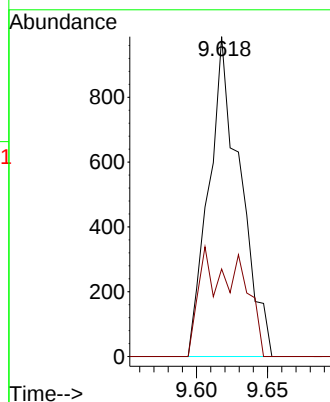
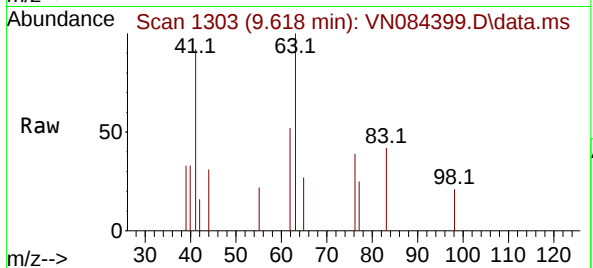
Tgt Ion: 63 Resp: 1519
 Ion Ratio Lower Upper
 63 100
 65 27.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#46

Dibromomethane

Concen: 0.956 ug/l

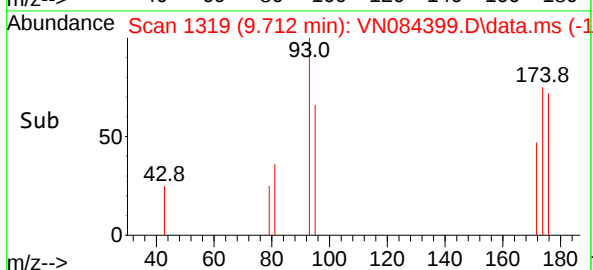
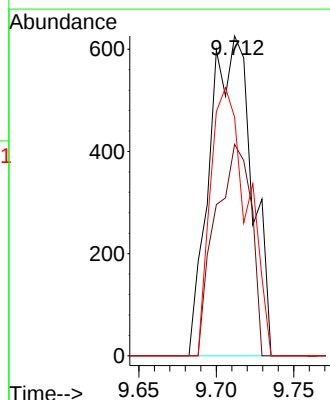
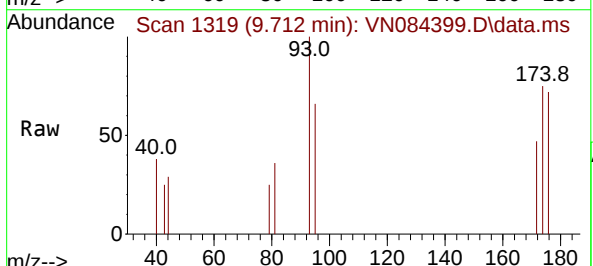
RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN084399.D

Acq: 11 Oct 2024 14:54

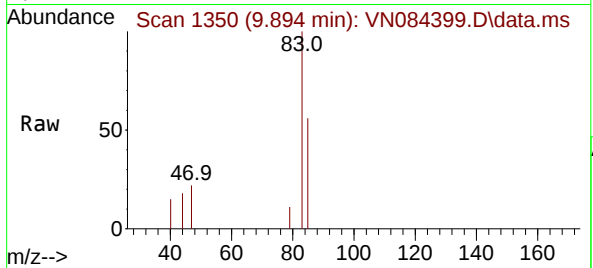
Tgt Ion: 93 Resp: 1185
 Ion Ratio Lower Upper
 93 100
 95 56.0 65.0 97.4#
 174 73.6 71.8 107.8





#47
Bromodichloromethane
Concen: 0.961 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

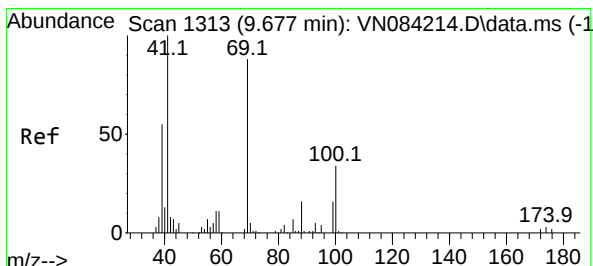
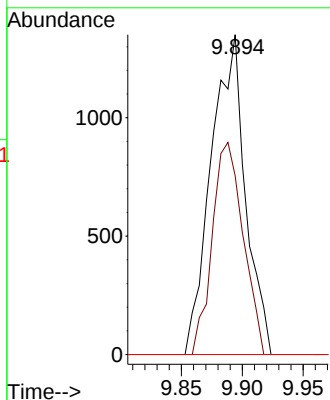
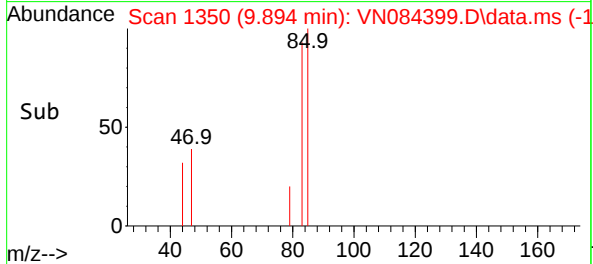
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 83 Resp: 2640
Ion Ratio Lower Upper
83 100
85 55.9 51.5 77.3
127 0.0 5.7 8.5

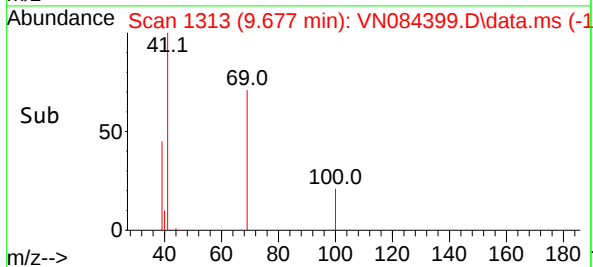
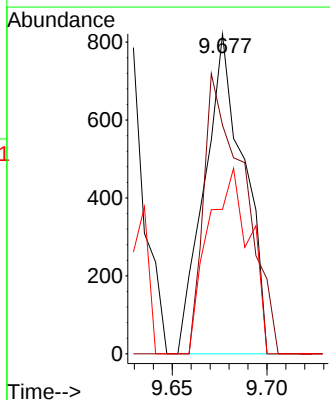
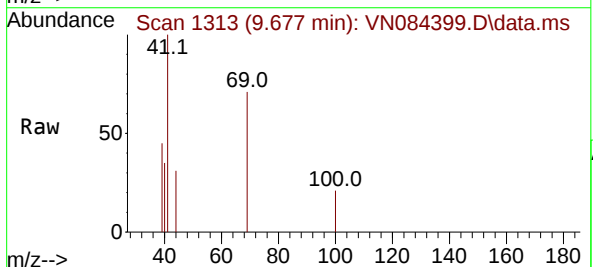
Manual Integrations
APPROVED

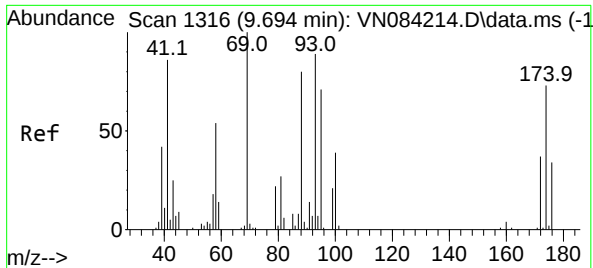
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#48
Methyl methacrylate
Concen: 0.595 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

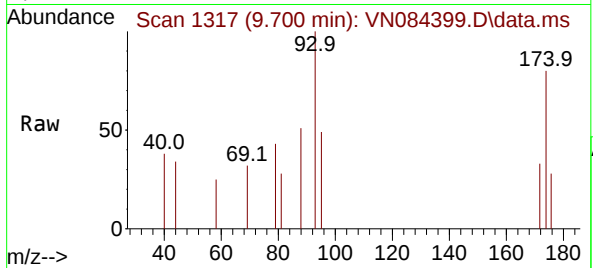
Tgt Ion: 41 Resp: 1186
Ion Ratio Lower Upper
41 100
69 89.7 67.1 100.7
39 61.0 45.8 68.6





#49
1,4-Dioxane
Concen: 12.186 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

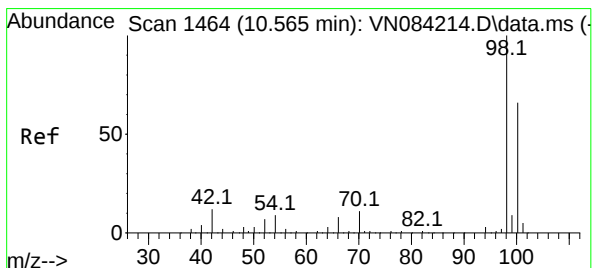
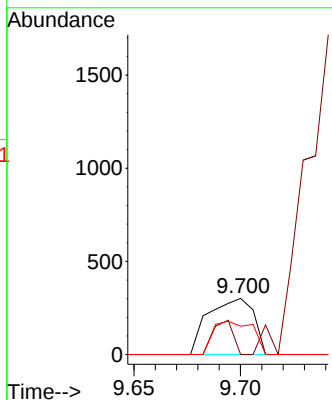
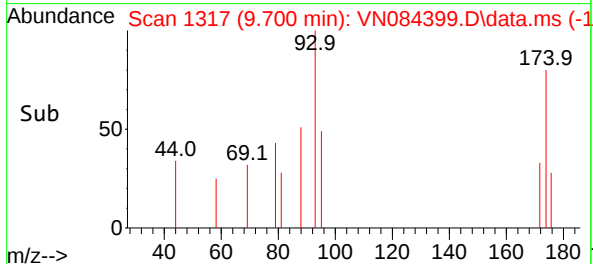
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 88 Resp: 447
Ion Ratio Lower Upper
88 100
43 26.6 25.3 37.9
58 51.7 56.4 84.6

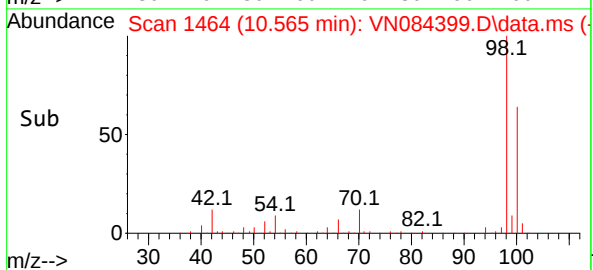
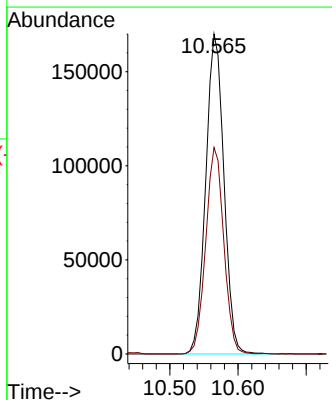
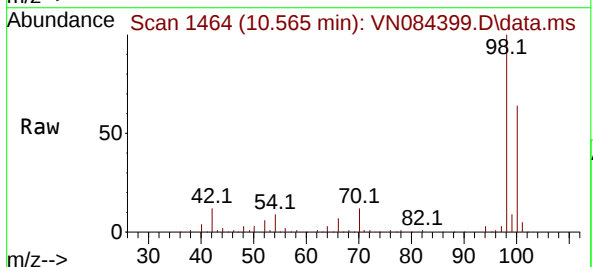
Manual Integrations
APPROVED

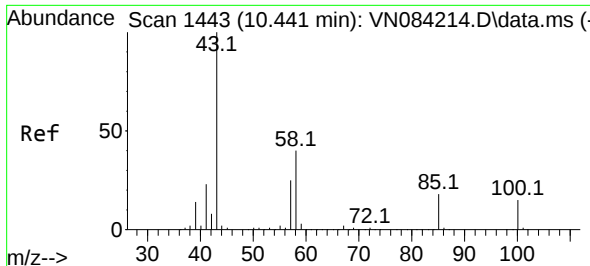
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#50
Toluene-d8
Concen: 49.926 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

Tgt Ion: 98 Resp: 315000
Ion Ratio Lower Upper
98 100
100 64.2 52.7 79.1





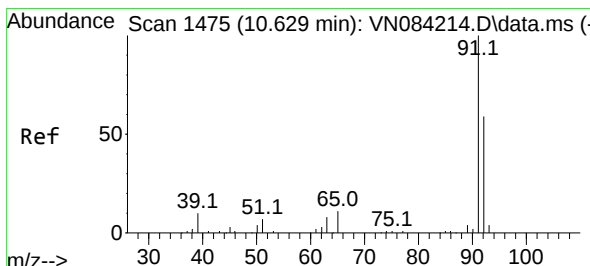
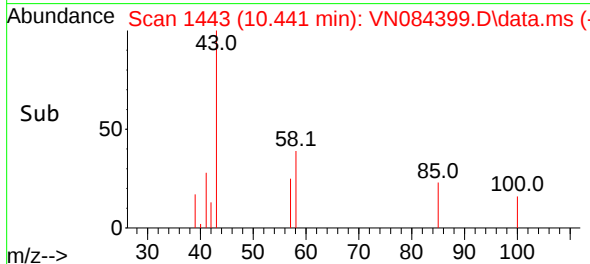
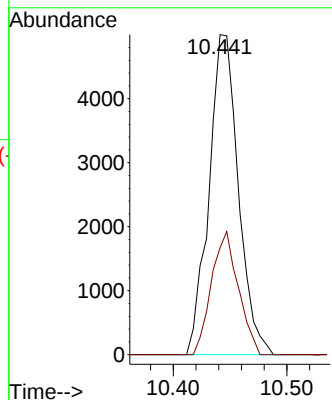
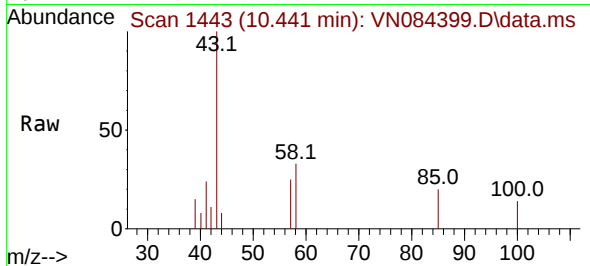
#51
4-Methyl-2-Pentanone
Concen: 3.696 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

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

Tgt Ion: 43 Resp: 8992
Ion Ratio Lower Upper
43 100
58 35.1 31.6 47.4

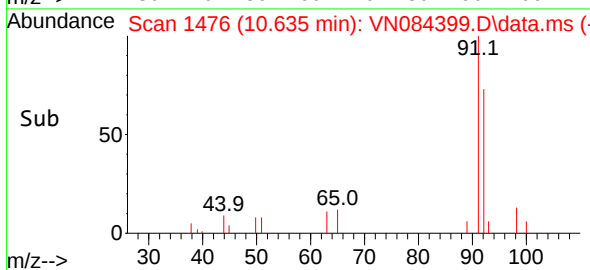
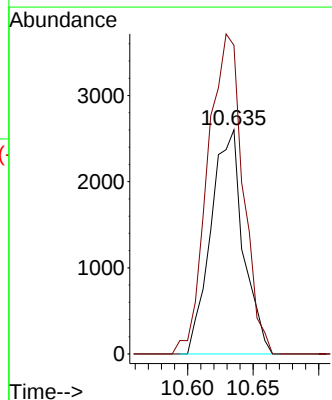
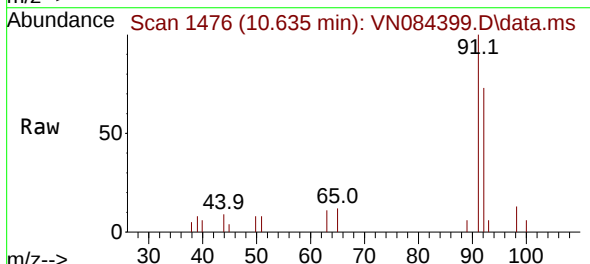
Manual Integrations
APPROVED

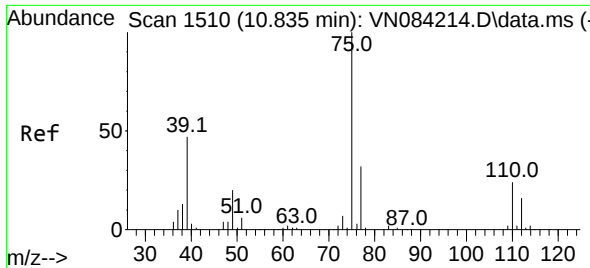
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#52
Toluene
Concen: 0.944 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

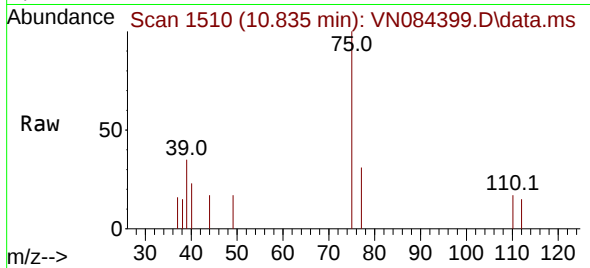
Tgt Ion: 92 Resp: 4466
Ion Ratio Lower Upper
92 100
91 156.0 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 0.788 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

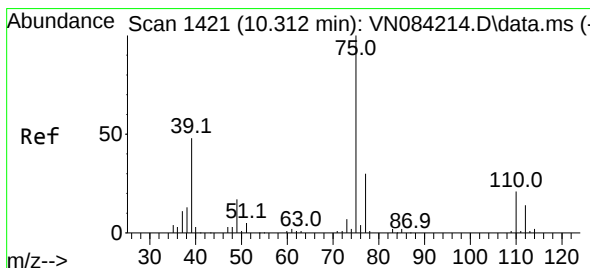
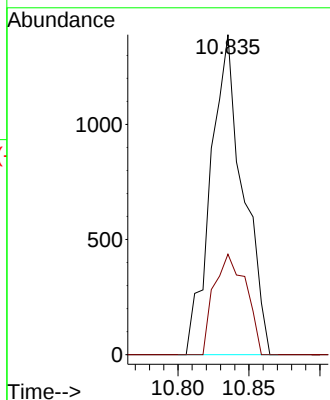
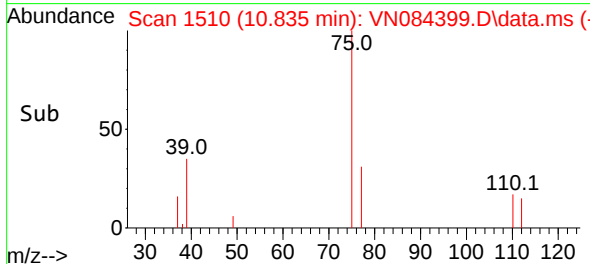
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



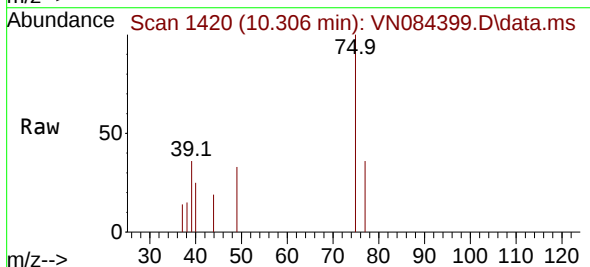
Tgt Ion: 75 Resp: 221
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

Manual Integrations
APPROVED

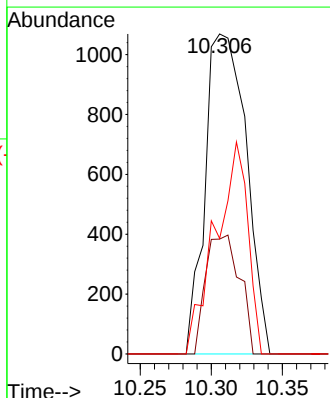
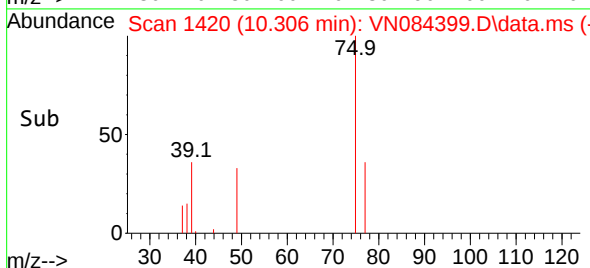
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

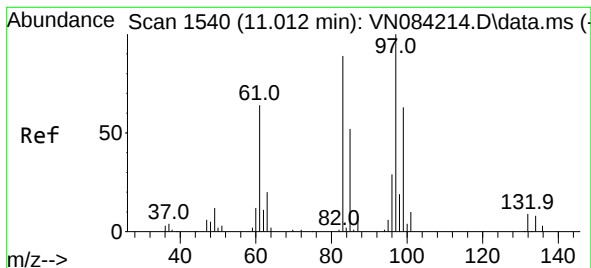


#54
cis-1,3-Dichloropropene
Concen: 0.713 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54



Tgt Ion: 75 Resp: 2153
Ion Ratio Lower Upper
75 100
77 35.9 24.2 36.2
39 36.1 38.7 58.1#





#55

1,1,2-Trichloroethane

Concen: 0.828 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN084399.D

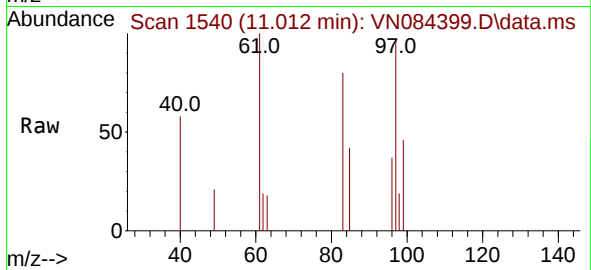
Acq: 11 Oct 2024 14:54

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024



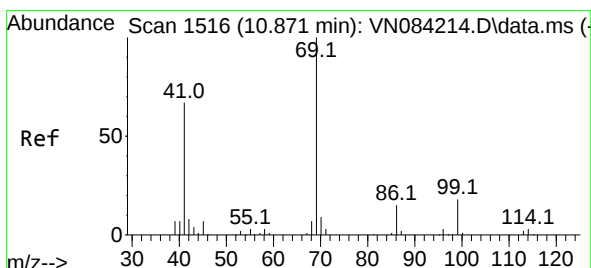
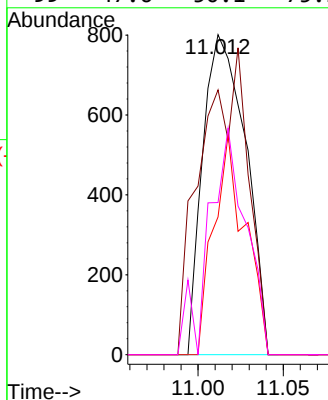
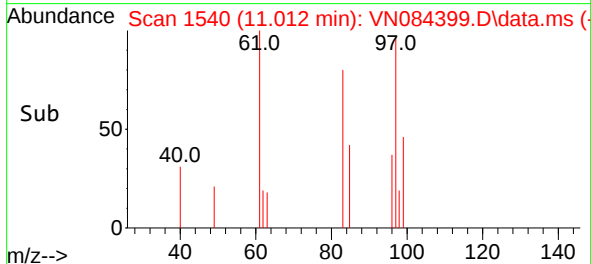
Tgt Ion:	97	Resp:	1404
Ion	Ratio	Lower	Upper
97	100		
83	82.8	71.0	106.4
85	43.1	41.7	62.5
99	47.6	50.1	75.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#56

Ethyl methacrylate

Concen: 0.621 ug/l

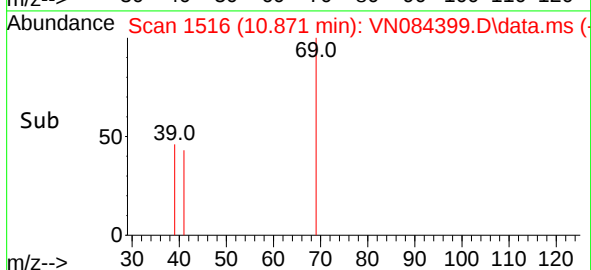
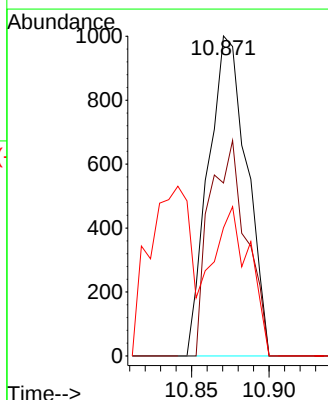
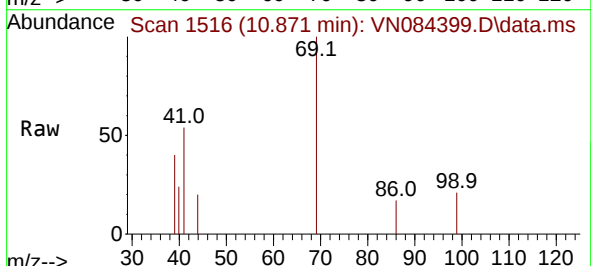
RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN084399.D

Acq: 11 Oct 2024 14:54

Tgt Ion:	69	Resp:	1733
Ion	Ratio	Lower	Upper
69	100		
41	64.6	53.3	79.9
39	40.2	28.8	43.2





#57

1,3-Dichloropropane

Concen: 0.794 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN084399.D

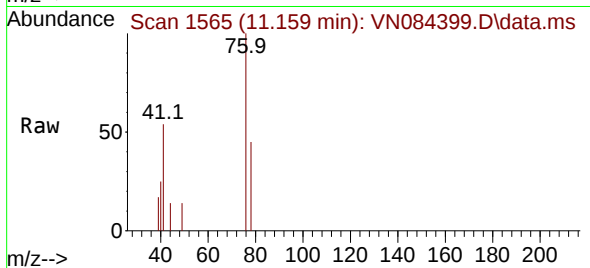
Acq: 11 Oct 2024 14:54

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024



Tgt Ion: 76 Resp: 2400

Ion Ratio Lower Upper

76 100

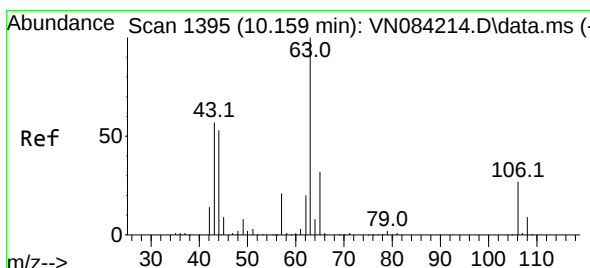
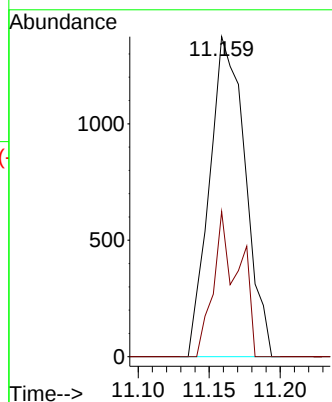
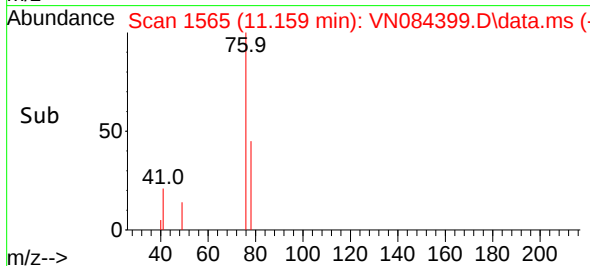
78 32.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#58

2-Chloroethyl Vinyl ether

Concen: 3.520 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084399.D

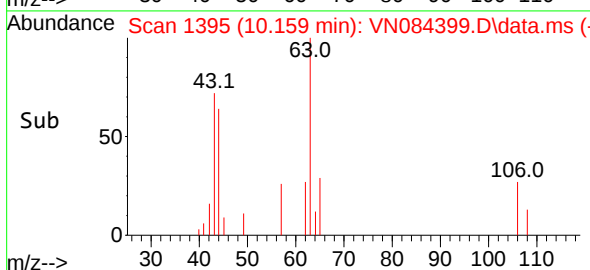
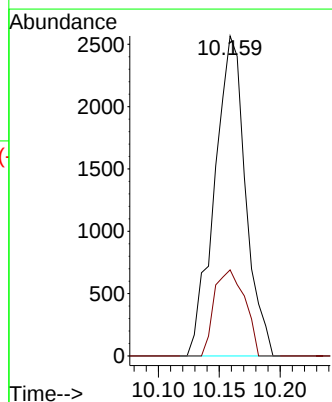
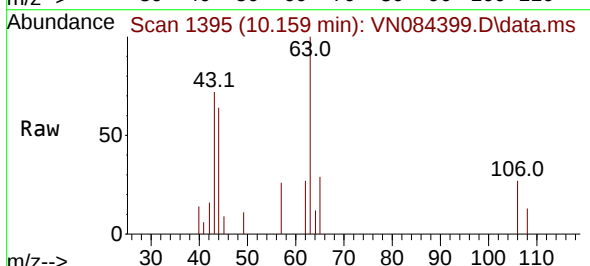
Acq: 11 Oct 2024 14:54

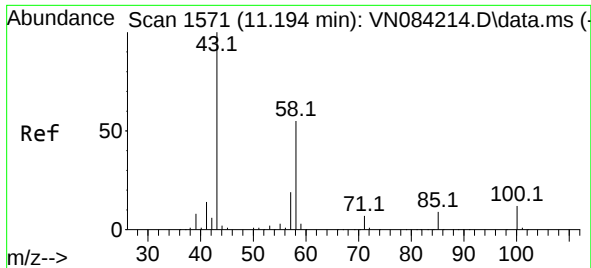
Tgt Ion: 63 Resp: 4559

Ion Ratio Lower Upper

63 100

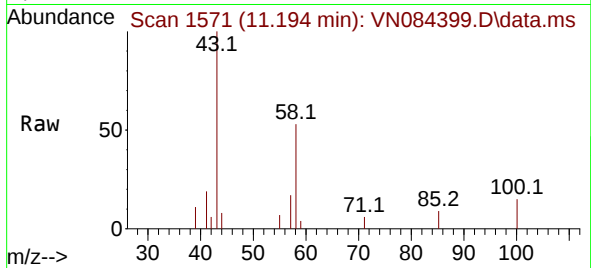
106 26.3 21.8 32.6





#59
2-Hexanone
Concen: 3.758 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

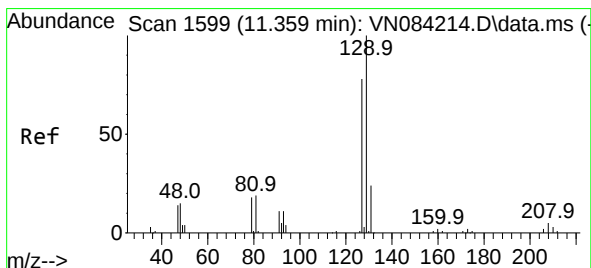
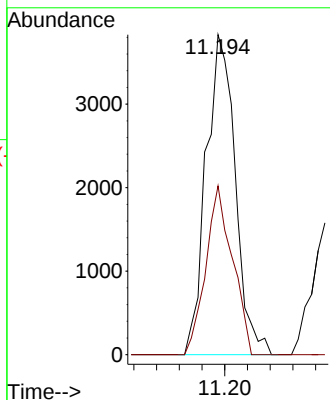
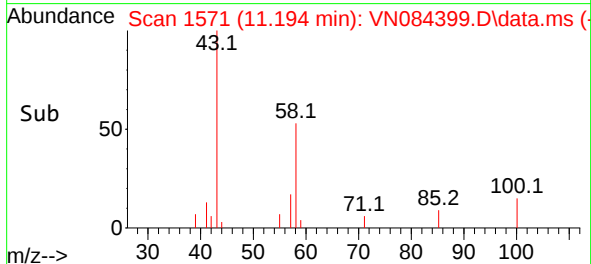
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 43 Resp: 683
Ion Ratio Lower Upper
43 100
58 48.1 27.3 81.8

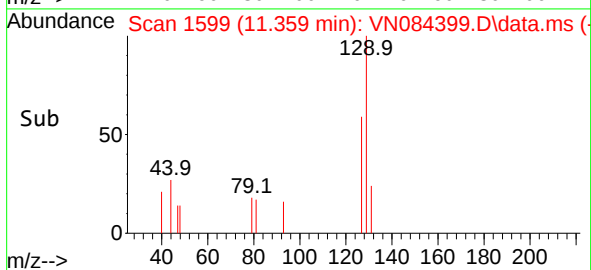
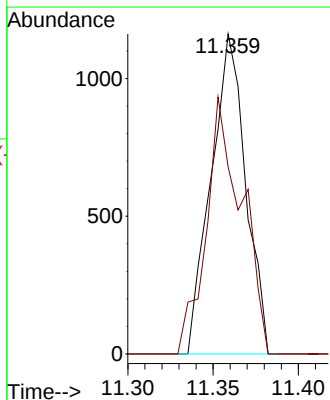
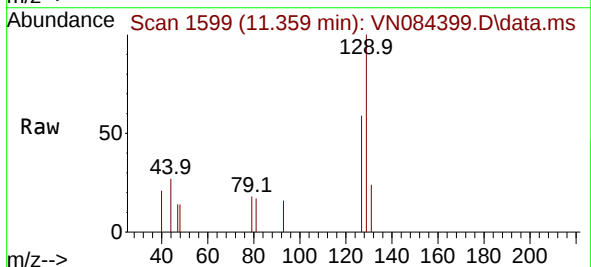
Manual Integrations
APPROVED

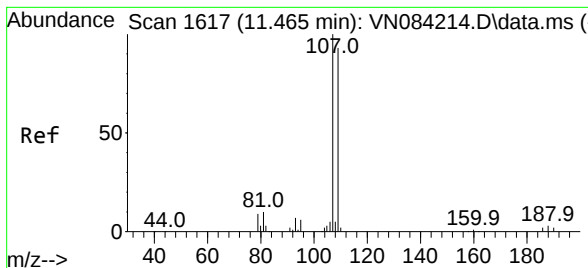
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#60
Dibromochloromethane
Concen: 0.818 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

Tgt Ion:129 Resp: 1640
Ion Ratio Lower Upper
129 100
127 82.6 38.3 114.9





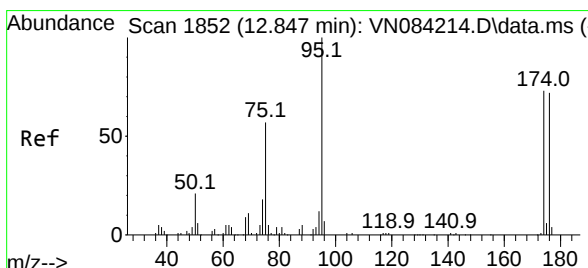
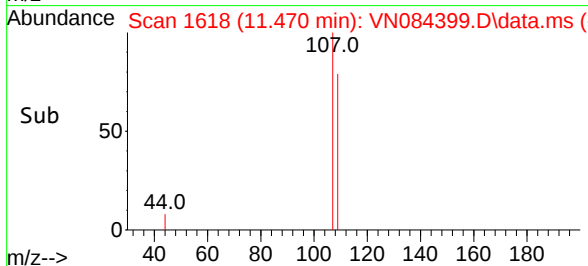
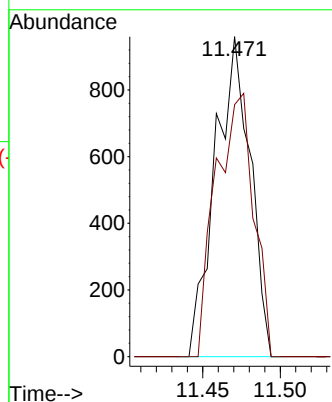
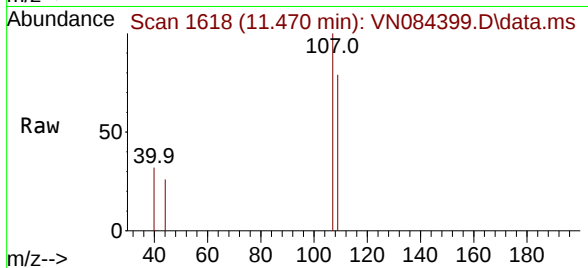
#61
1,2-Dibromoethane
Concen: 0.856 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

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

Tgt Ion:107 Resp: 1509
Ion Ratio Lower Upper
107 100
109 89.0 75.4 113.0

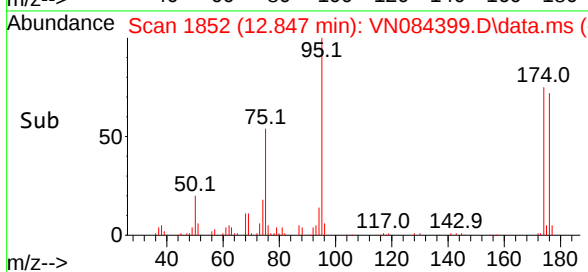
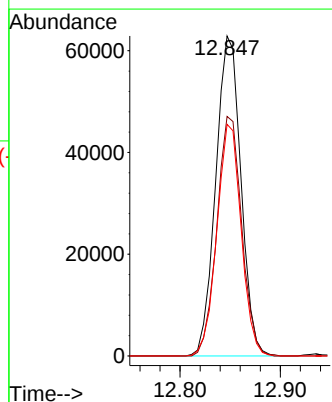
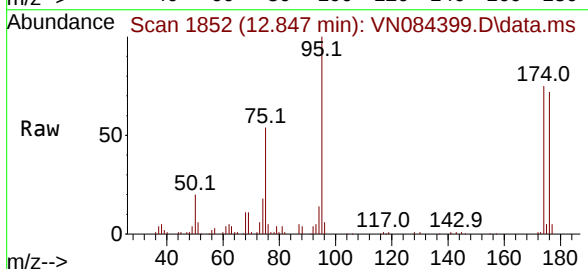
Manual Integrations
APPROVED

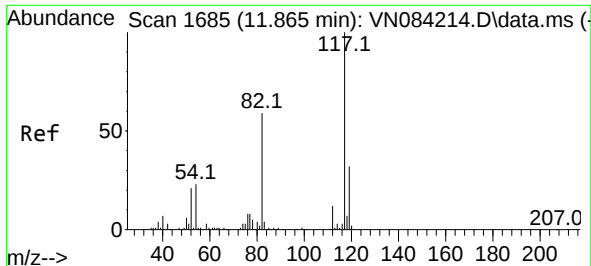
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#62
4-Bromofluorobenzene
Concen: 47.530 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

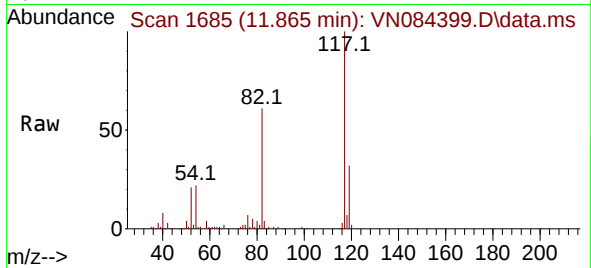
Tgt Ion: 95 Resp: 109249
Ion Ratio Lower Upper
95 100
174 74.0 0.0 145.2
176 69.9 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

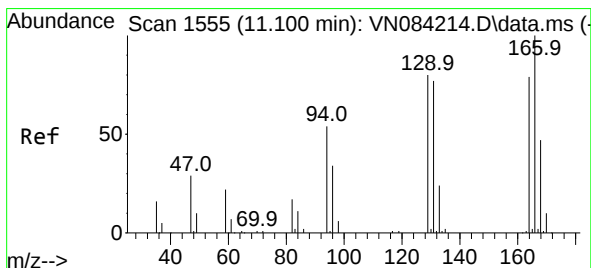
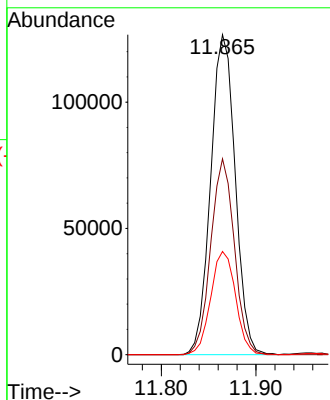
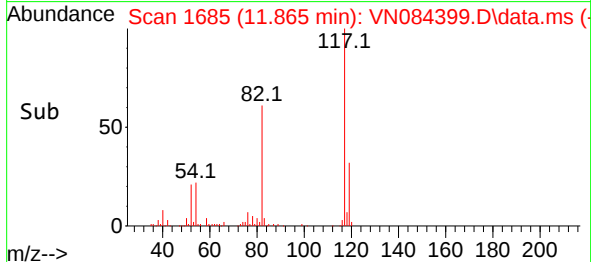
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:117 Resp: 22835
Ion Ratio Lower Upper
117 100
82 61.2 47.2 70.8
119 32.3 25.4 38.0

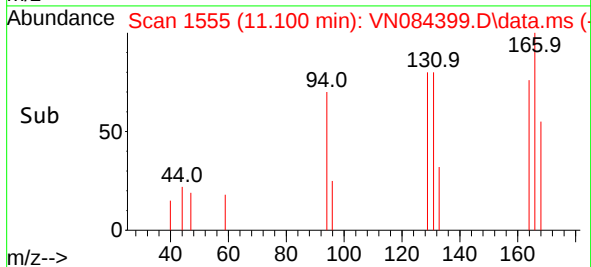
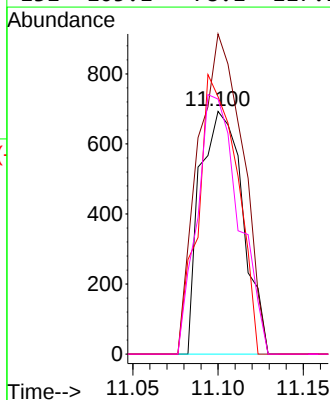
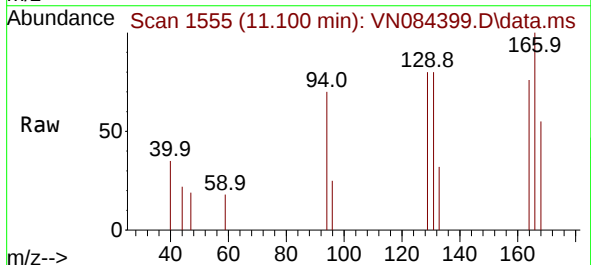
Manual Integrations
APPROVED

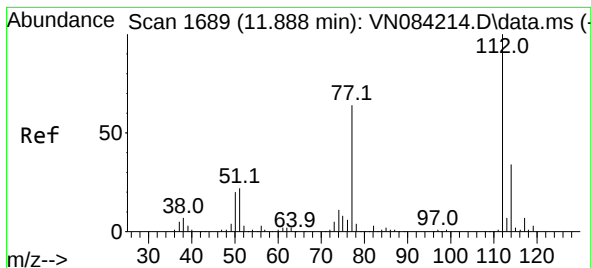
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#64
Tetrachloroethene
Concen: 0.763 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

Tgt Ion:164 Resp: 1213
Ion Ratio Lower Upper
164 100
166 131.9 101.0 151.4
129 106.1 80.8 121.2
131 105.1 78.1 117.1





#65

Chlorobenzene

Concen: 0.855 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VN084399.D

Acq: 11 Oct 2024 14:54

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2024

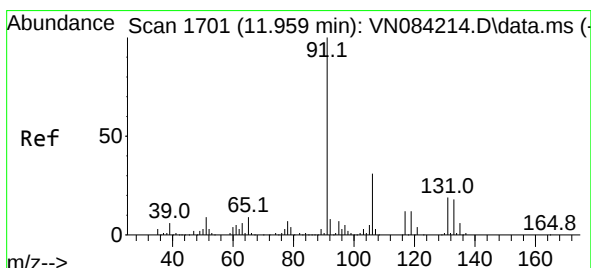
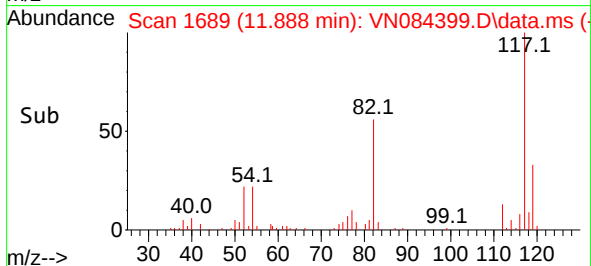
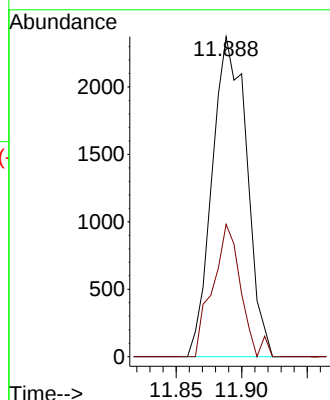
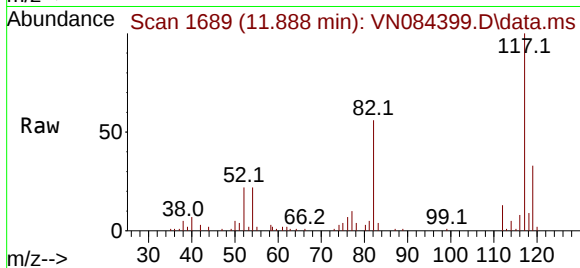
Tgt Ion:112 Resp: 4329
 Ion Ratio Lower Upper
 112 100
 114 41.3 27.0 40.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 0.980 ug/l

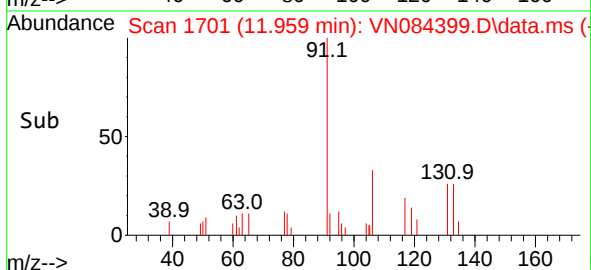
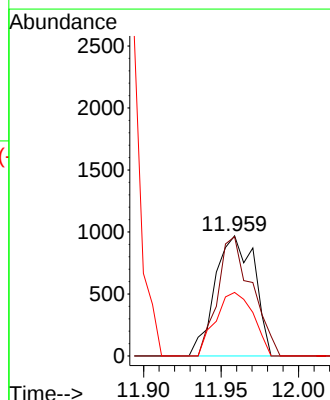
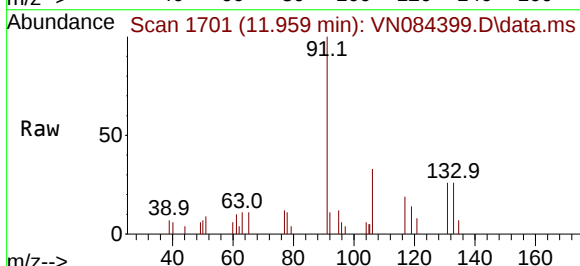
RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN084399.D

Acq: 11 Oct 2024 14:54

Tgt Ion:131 Resp: 1709
 Ion Ratio Lower Upper
 131 100
 133 86.7 47.9 143.7
 119 0.0 32.8 98.3





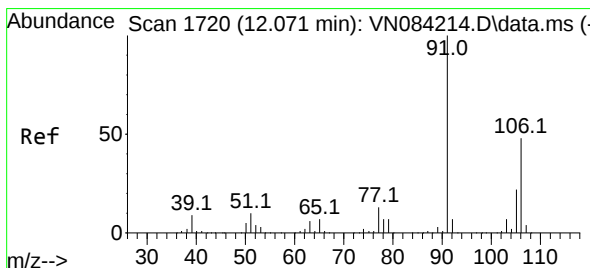
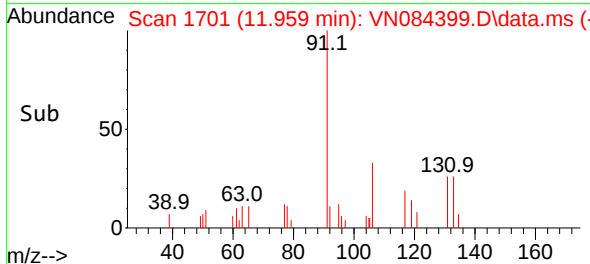
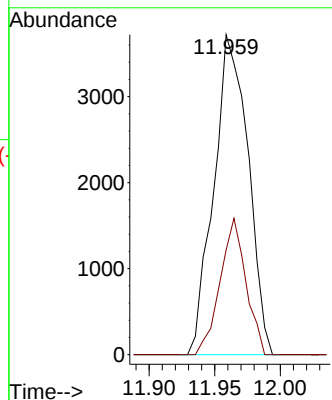
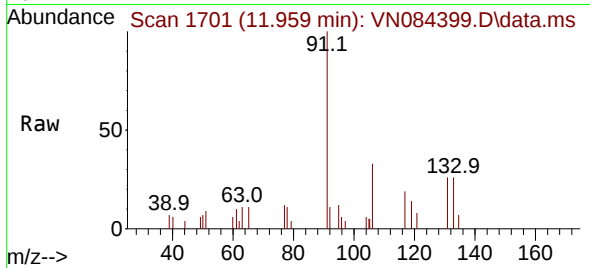
#67
Ethyl Benzene
Concen: 0.754 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

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

Tgt Ion: 91 Resp: 675
Ion Ratio Lower Upper
91 100
106 32.7 24.5 36.7

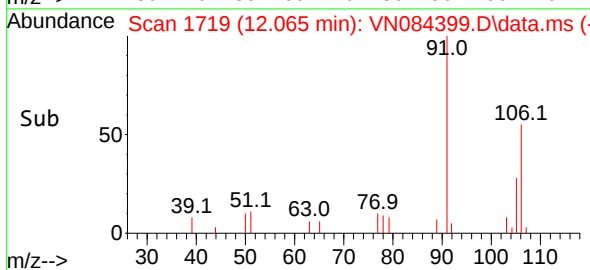
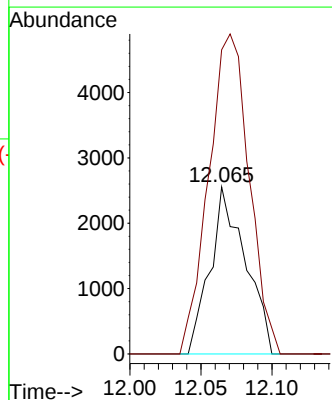
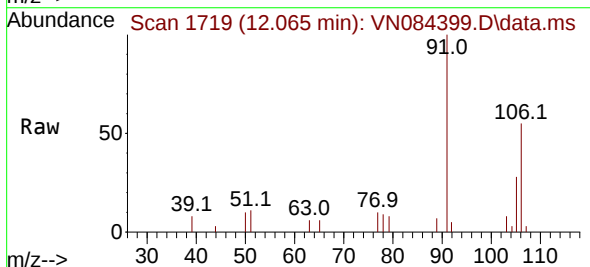
Manual Integrations
APPROVED

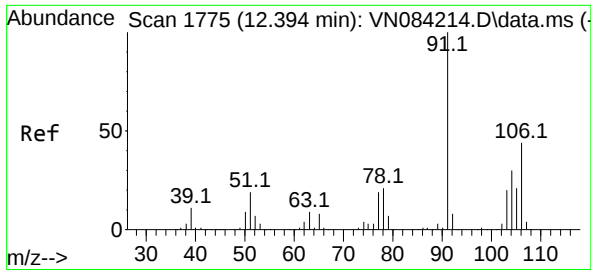
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#68
m/p-Xylenes
Concen: 1.336 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

Tgt Ion:106 Resp: 4425
Ion Ratio Lower Upper
106 100
91 219.6 167.1 250.7





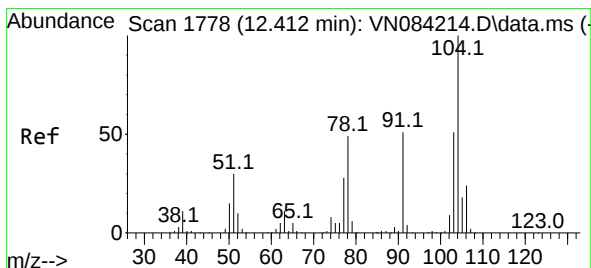
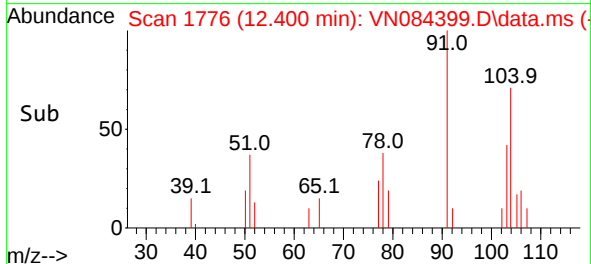
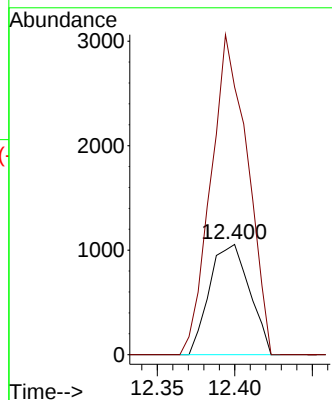
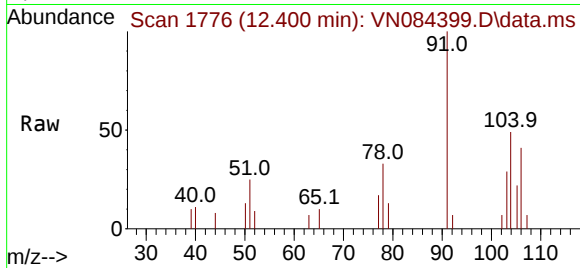
#69
o-Xylene
Concen: 0.605 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

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

Tgt Ion:106 Resp: 189
Ion Ratio Lower Upper
106 100
91 265.6 110.2 330.6

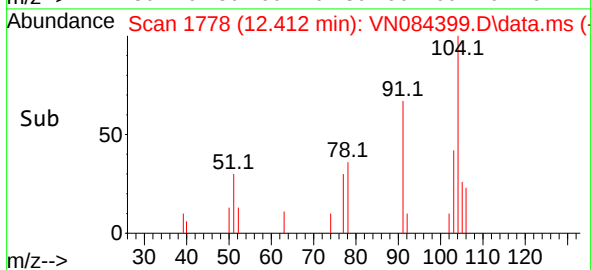
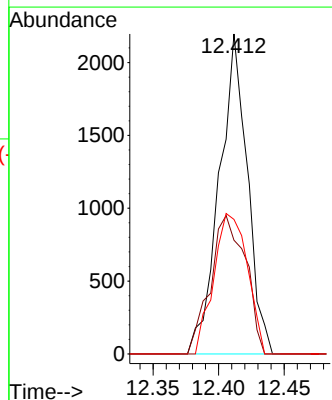
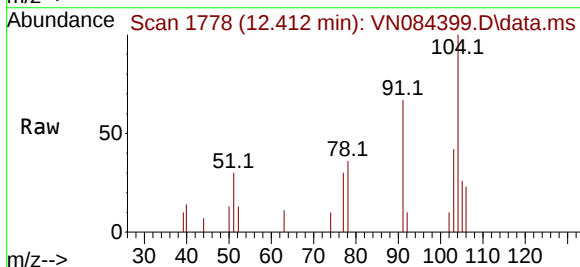
Manual Integrations
APPROVED

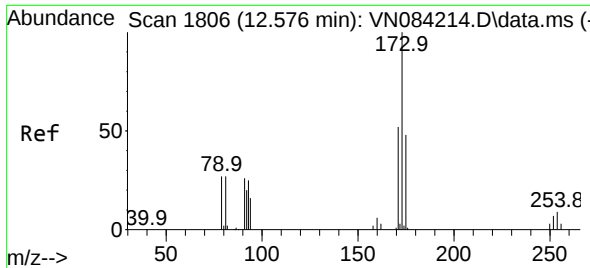
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#70
Styrene
Concen: 0.615 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

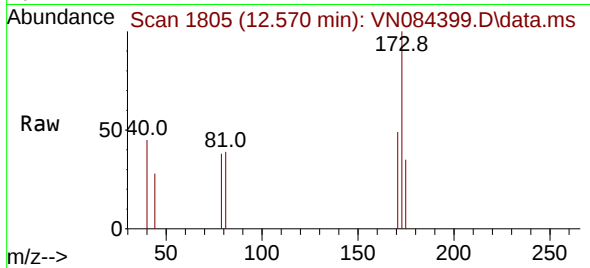
Tgt Ion:104 Resp: 3267
Ion Ratio Lower Upper
104 100
78 54.2 42.7 64.1
103 52.7 43.6 65.4





#71
Bromoform
Concen: 0.934 ug/l
RT: 12.570 min Scan# 1199
Delta R.T. -0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

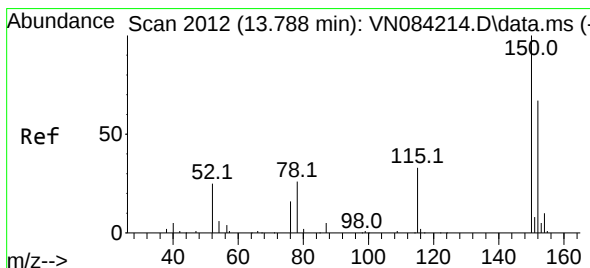
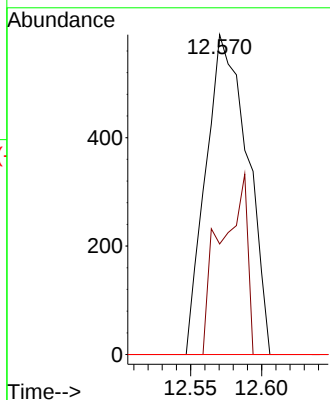
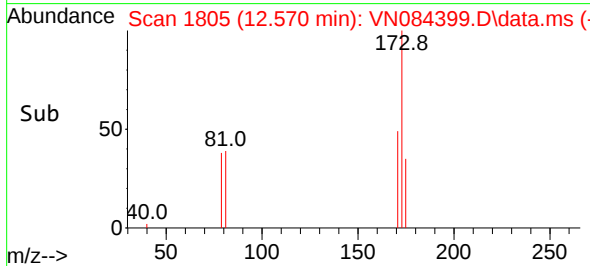
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



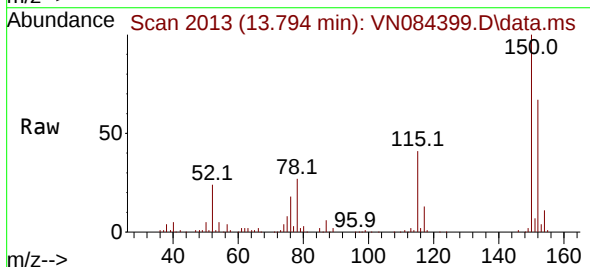
Tgt Ion:173 Resp: 1199
Ion Ratio Lower Upper
173 100
175 36.3 23.5 70.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

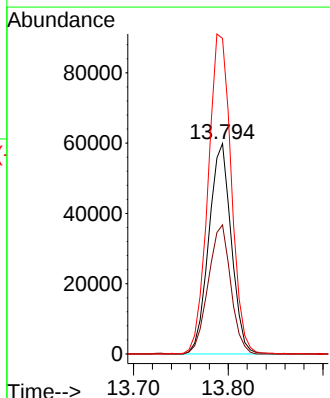
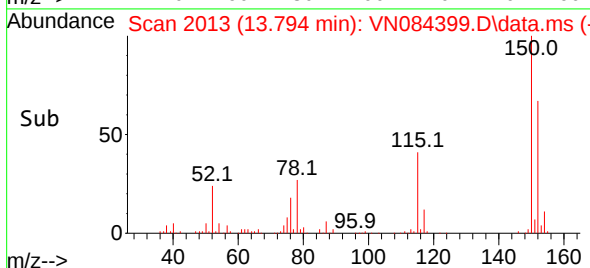
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

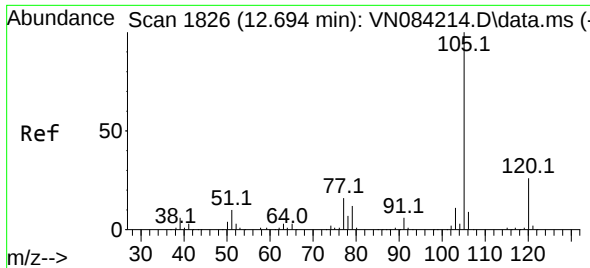


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54



Tgt Ion:152 Resp: 98401
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.9
150 156.9 0.0 349.8





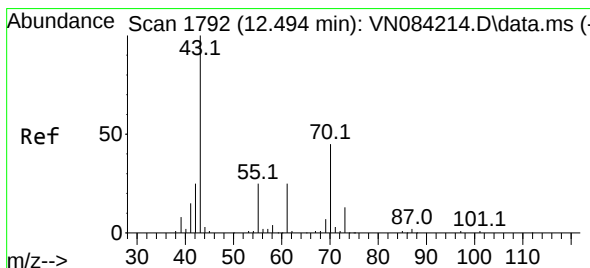
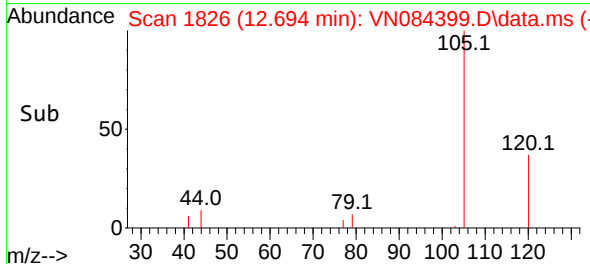
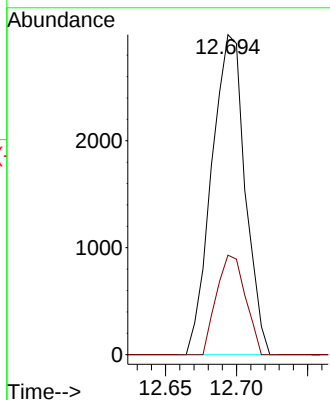
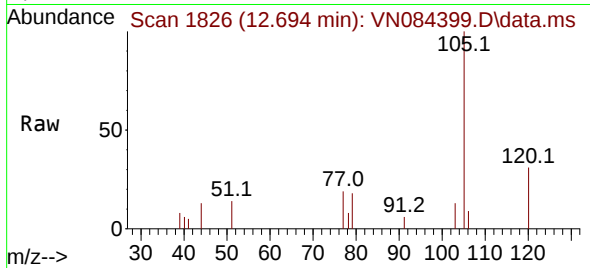
#73
Isopropylbenzene
Concen: 0.653 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

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

Tgt Ion:105 Resp: 490
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.7

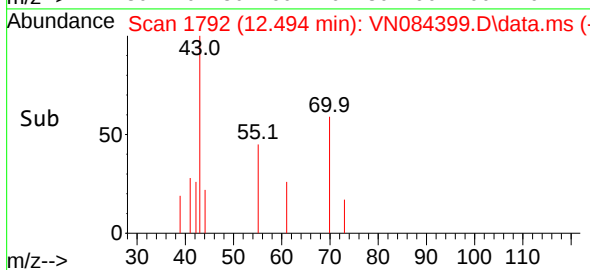
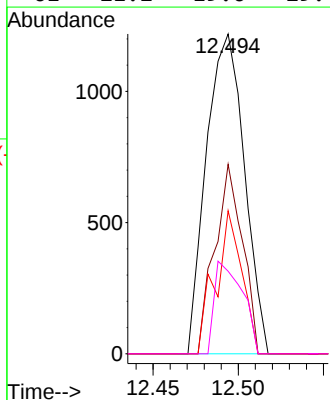
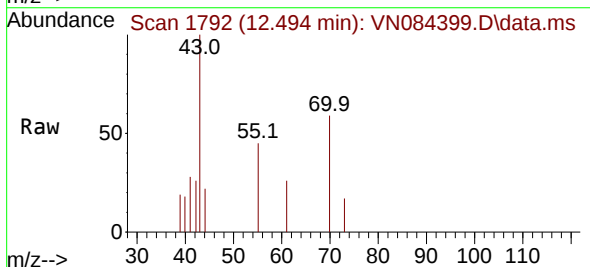
Manual Integrations
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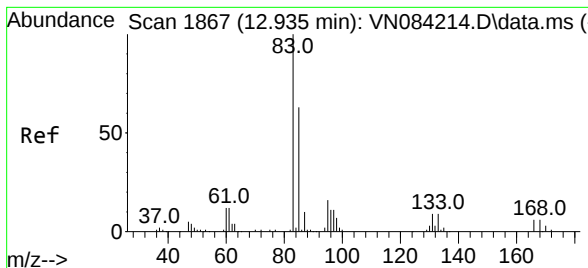
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#74
N-ethyl acetate
Concen: 0.557 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

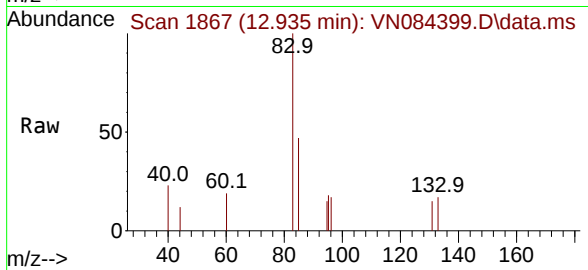
Tgt Ion: 43 Resp: 1894
Ion Ratio Lower Upper
43 100
70 43.1 34.4 51.6
55 30.8 19.6 29.4#
61 21.2 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 0.967 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

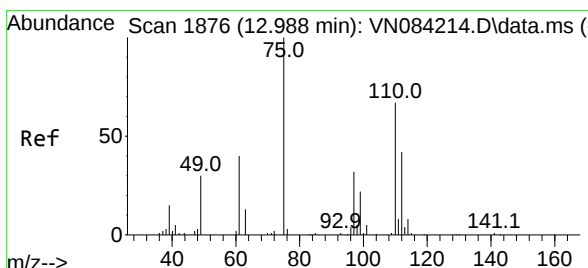
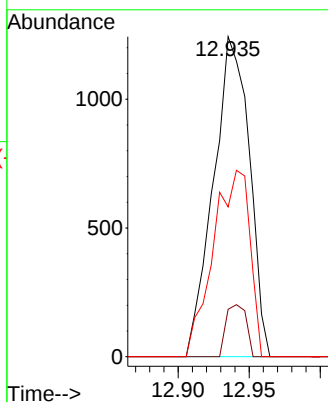
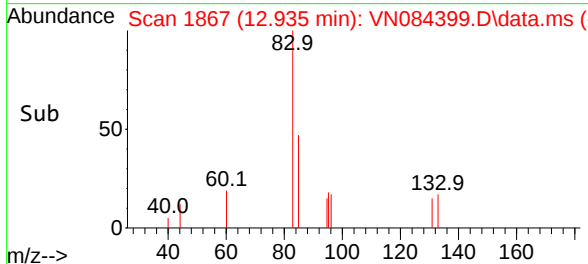
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2024



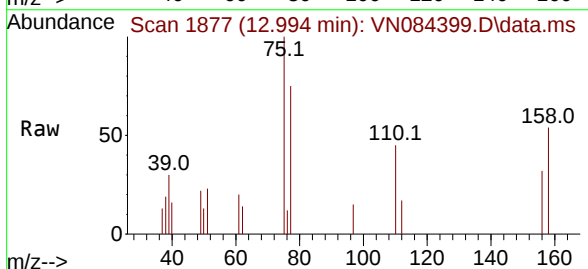
Tgt Ion: 83 Resp: 218
Ion Ratio Lower Upper
83 100
131 9.1 4.9 14.7
85 59.6 31.9 95.7

Manual Integrations
APPROVED

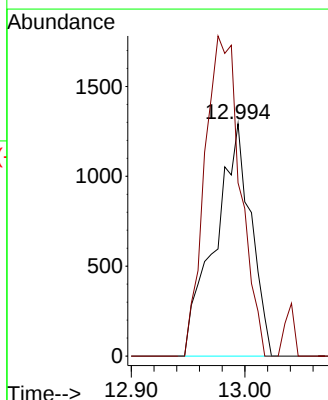
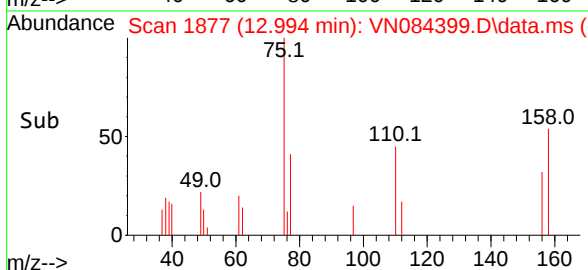
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

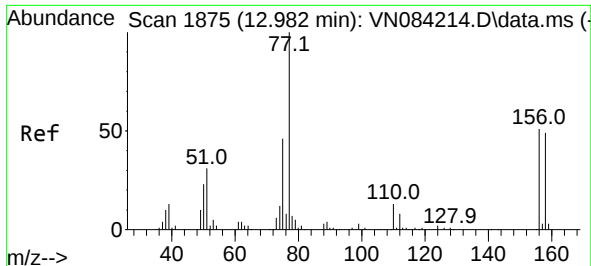


#76
1,2,3-Trichloropropane
Concen: 1.417 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54



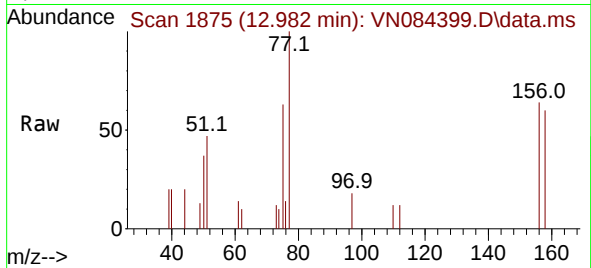
Tgt Ion: 75 Resp: 2847
Ion Ratio Lower Upper
75 100
77 136.1 96.9 290.7





#77
Bromobenzene
Concen: 0.905 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

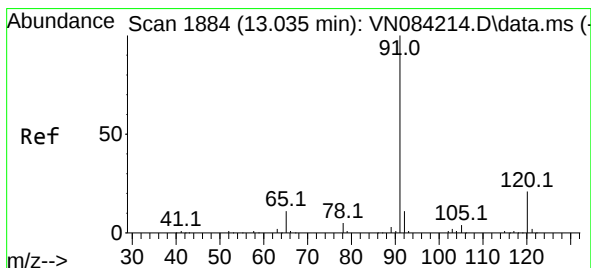
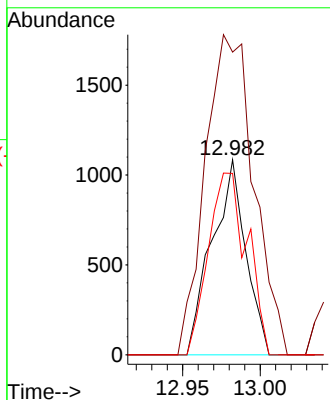
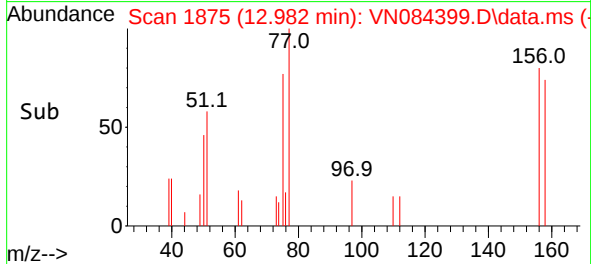
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



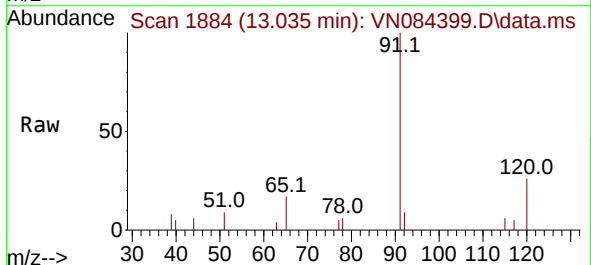
Tgt Ion:156 Resp: 1639
Ion Ratio Lower Upper
156 100
77 236.4 115.1 345.3
158 107.5 48.9 146.8

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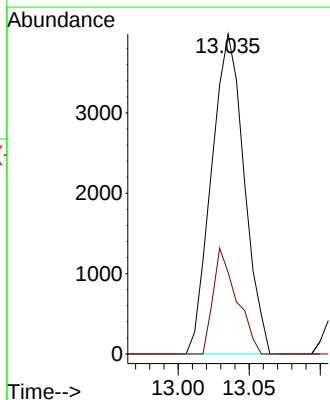
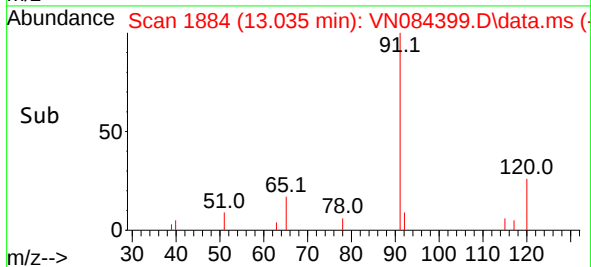
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

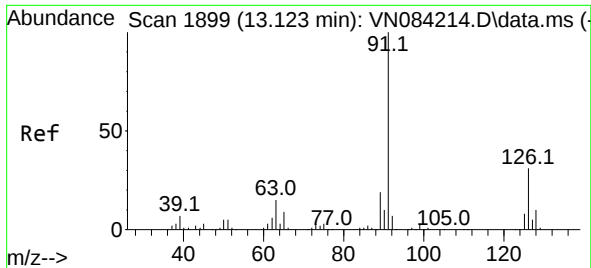


#78
n-propylbenzene
Concen: 0.734 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54



Tgt Ion: 91 Resp: 6384
Ion Ratio Lower Upper
91 100
120 23.7 10.8 32.4





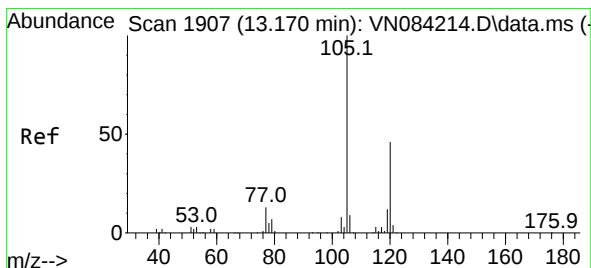
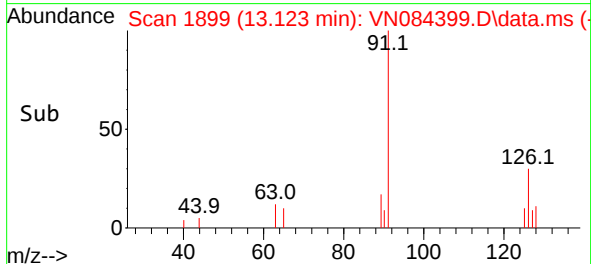
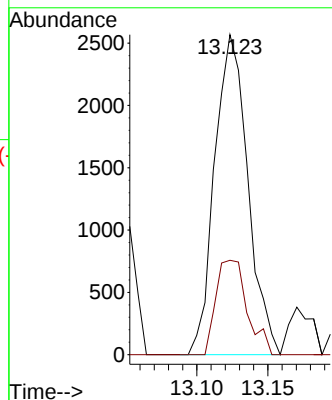
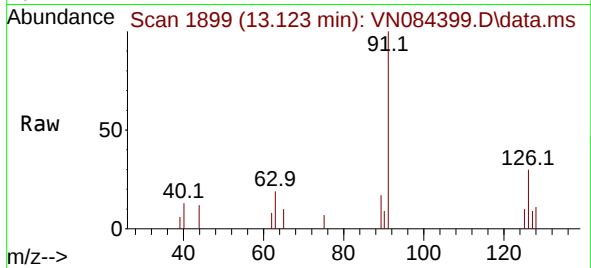
#79
2-Chlorotoluene
Concen: 0.752 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

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

Tgt Ion: 91 Resp: 4174
Ion Ratio Lower Upper
91 100
126 27.8 15.7 47.1

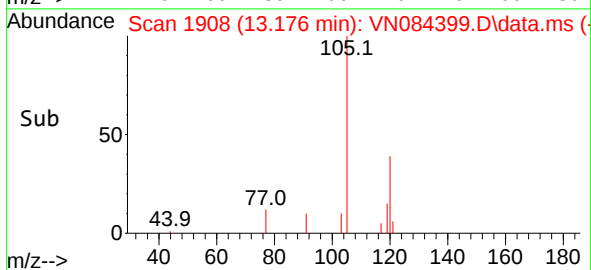
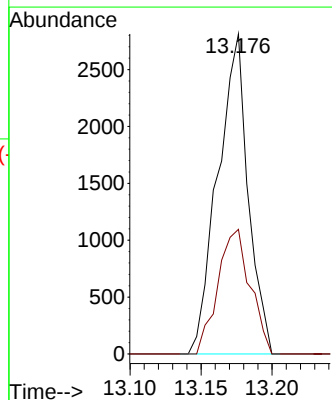
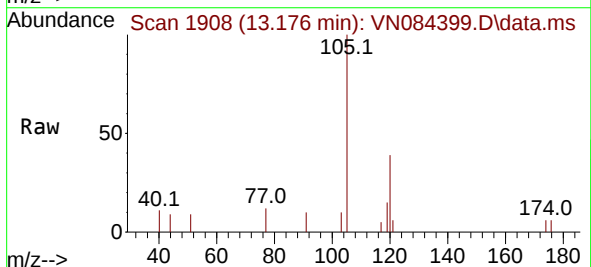
Manual Integrations
APPROVED

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



#80
1,3,5-Trimethylbenzene
Concen: 0.681 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

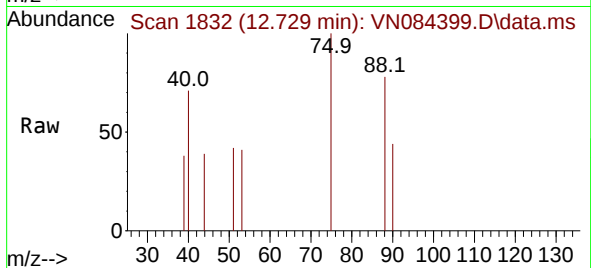
Tgt Ion:105 Resp: 4174
Ion Ratio Lower Upper
105 100
120 41.6 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 0.660 ug/l m
RT: 12.729 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

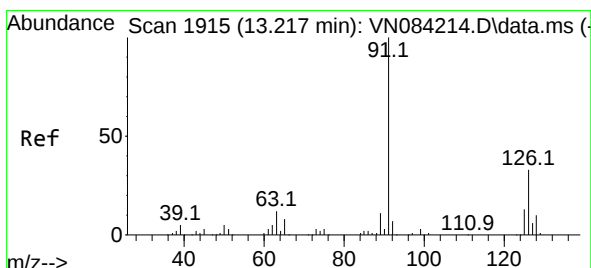
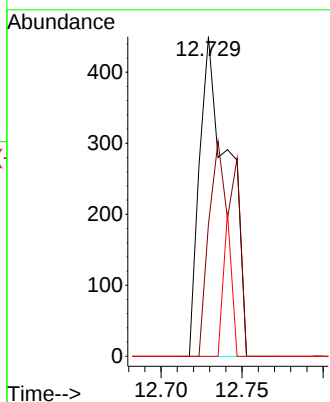
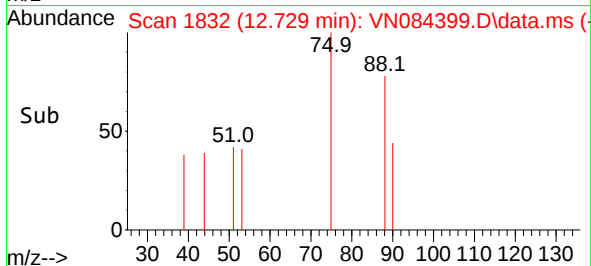
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 75 Resp: 55
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0
89 0.0 35.5 53.3

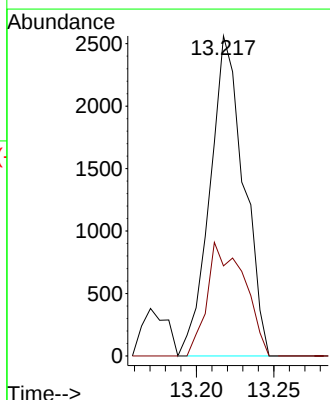
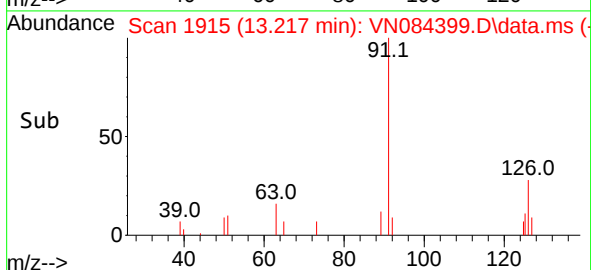
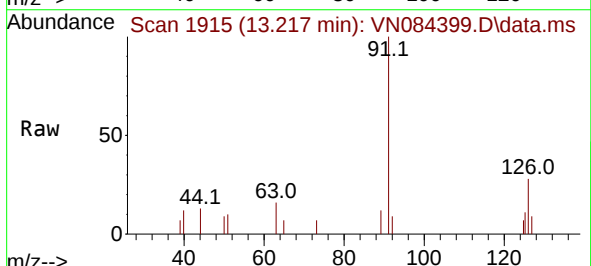
Manual Integrations
APPROVED

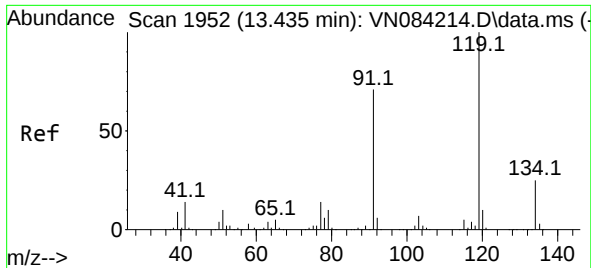
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#82
4-Chlorotoluene
Concen: 0.696 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

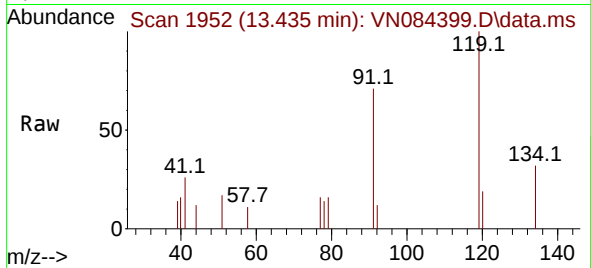
Tgt Ion: 91 Resp: 3890
Ion Ratio Lower Upper
91 100
126 38.8 15.7 47.1





#83
tert-Butylbenzene
Concen: 0.619 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

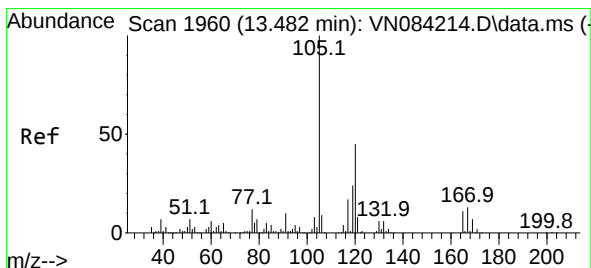
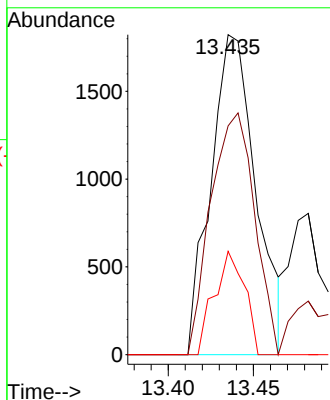
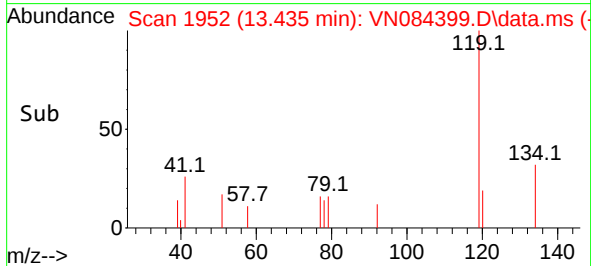
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



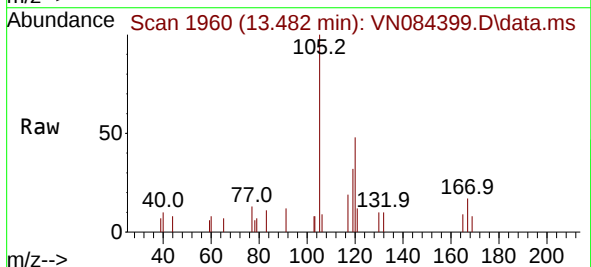
Tgt Ion:119 Resp: 3368
Ion Ratio Lower Upper
119 100
91 73.2 34.1 102.3
134 21.6 12.8 38.4

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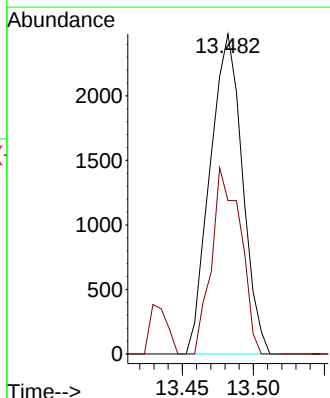
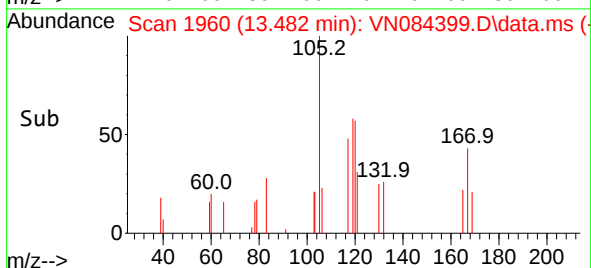
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

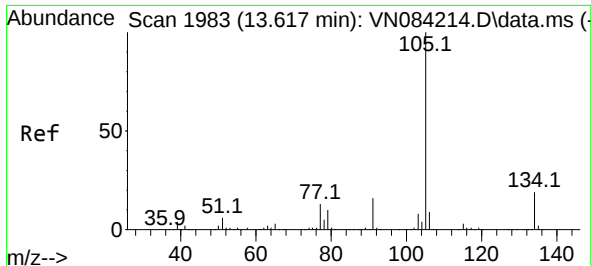


#84
1,2,4-Trimethylbenzene
Concen: 0.639 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54



Tgt Ion:105 Resp: 3941
Ion Ratio Lower Upper
105 100
120 51.9 22.3 66.8





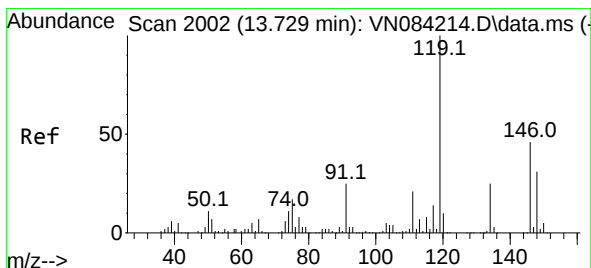
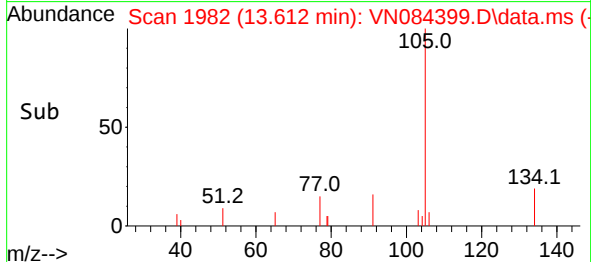
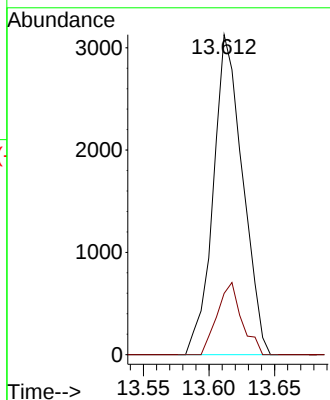
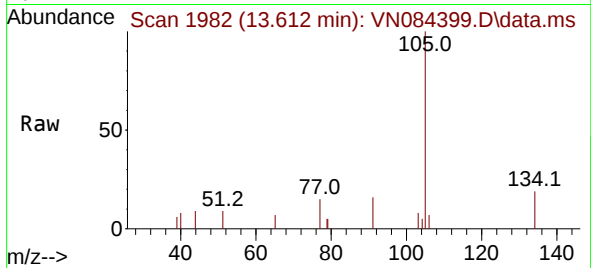
#85
 sec-Butylbenzene
 Concen: 0.672 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN084399.D
 Acq: 11 Oct 2024 14:54

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

Tgt Ion:105 Resp: 488
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4

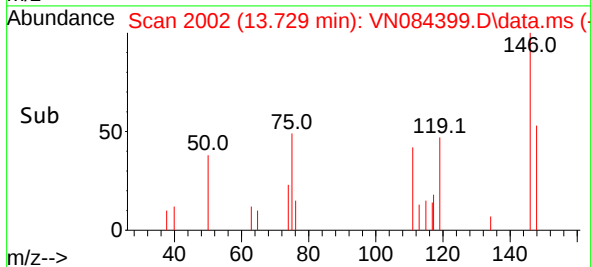
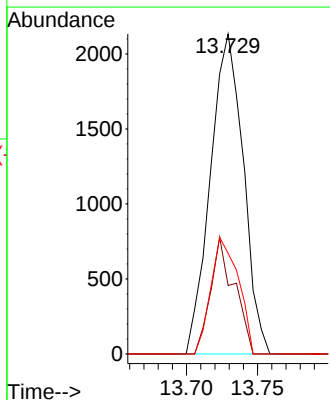
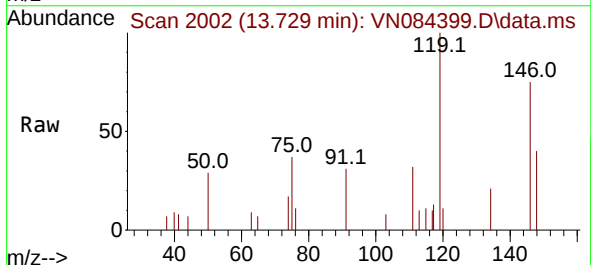
Manual Integrations
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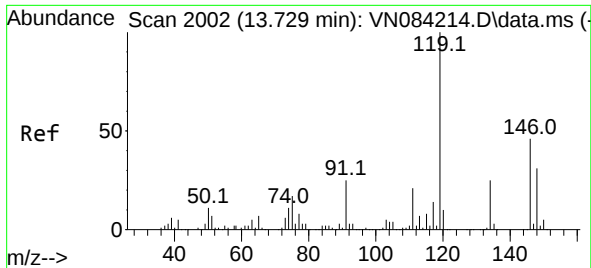
Reviewed By :John Carlone 10/14/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#86
 p-Isopropyltoluene
 Concen: 0.572 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084399.D
 Acq: 11 Oct 2024 14:54

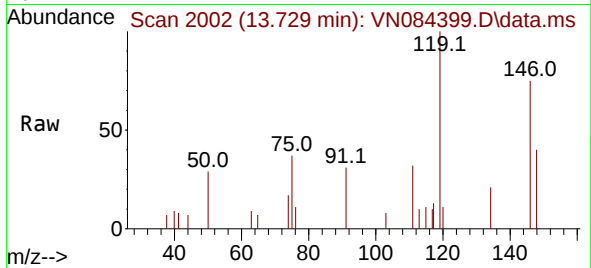
Tgt Ion:119 Resp: 3437
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 30.5 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 0.764 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084399.D
 Acq: 11 Oct 2024 14:54

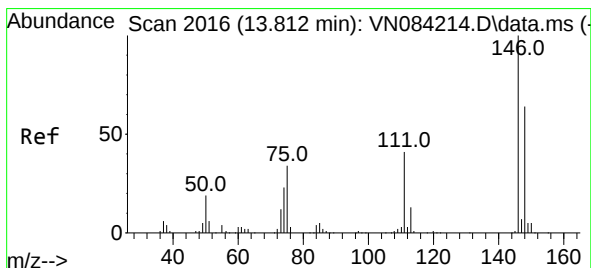
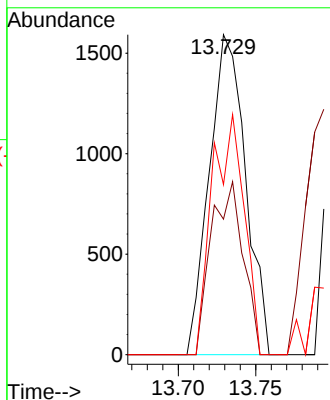
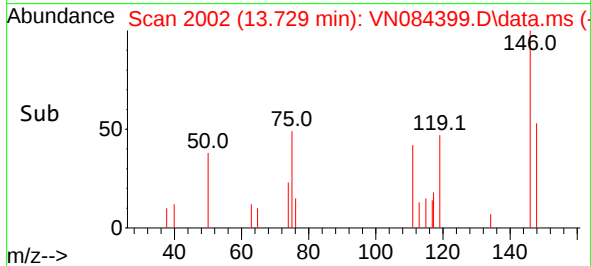
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2024



Tgt Ion:146 Resp: 2590
 Ion Ratio Lower Upper
 146 100
 111 47.6 21.8 65.3
 148 65.9 31.9 95.7

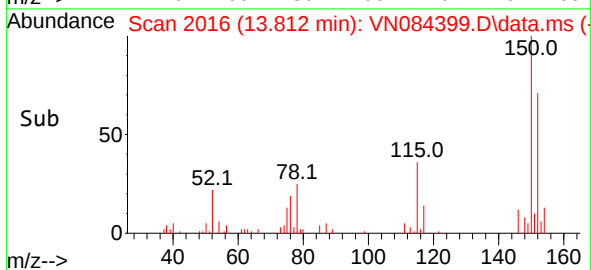
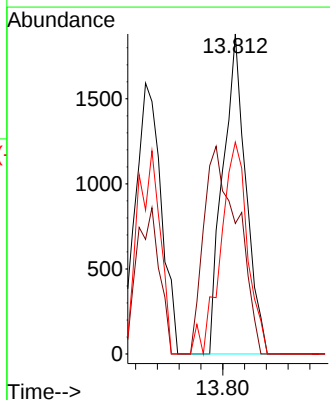
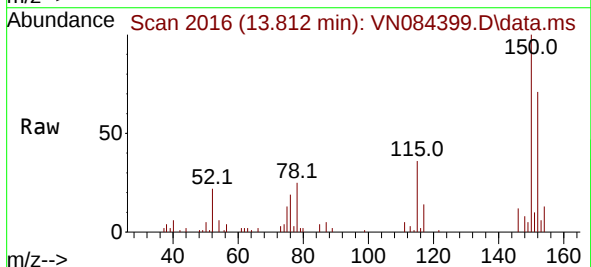
Manual Integrations
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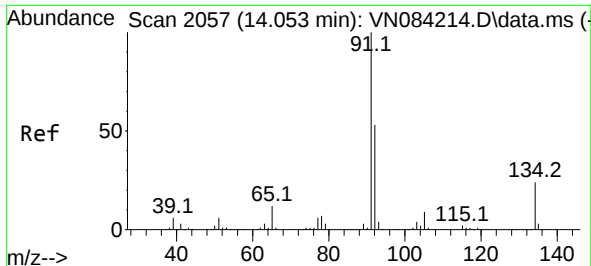
Reviewed By :John Carlone 10/14/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#88
 1,4-Dichlorobenzene
 Concen: 0.804 ug/l m
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN084399.D
 Acq: 11 Oct 2024 14:54

Tgt Ion:146 Resp: 2759
 Ion Ratio Lower Upper
 146 100
 111 44.8 21.2 63.6
 148 62.1 31.9 95.9





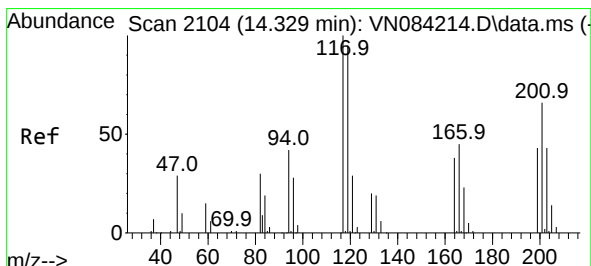
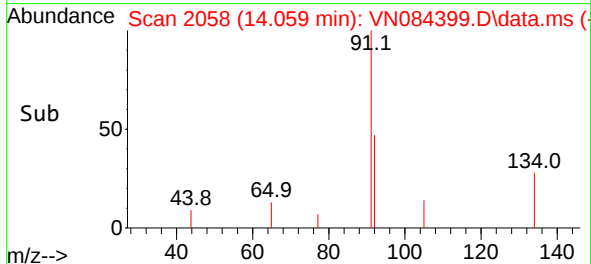
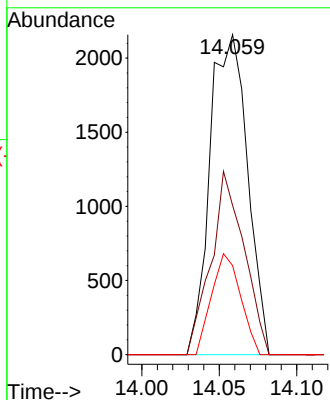
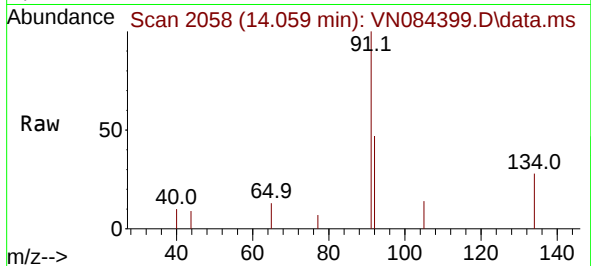
#89
n-Butylbenzene
Concen: 0.666 ug/l
RT: 14.059 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

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

Tgt Ion: 91 Resp: 3630
Ion Ratio Lower Upper
91 100
92 50.6 26.6 79.7
134 24.4 12.3 36.9

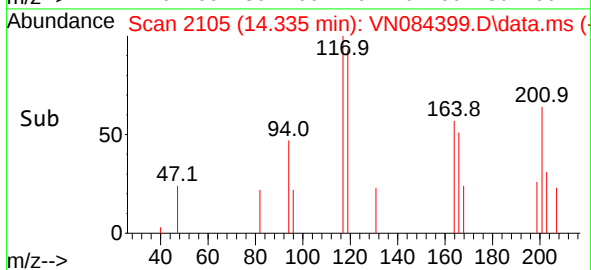
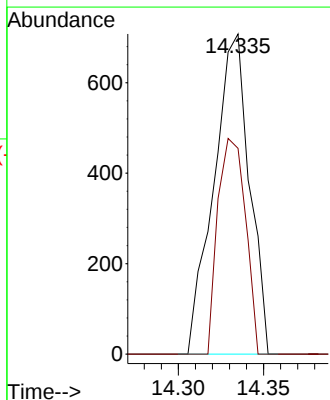
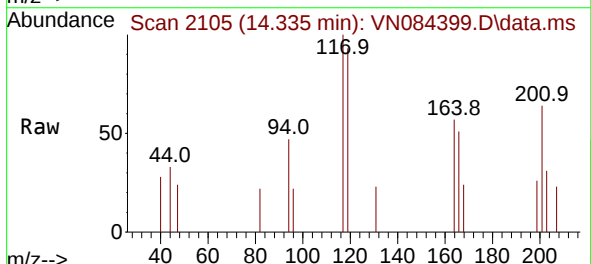
Manual Integrations
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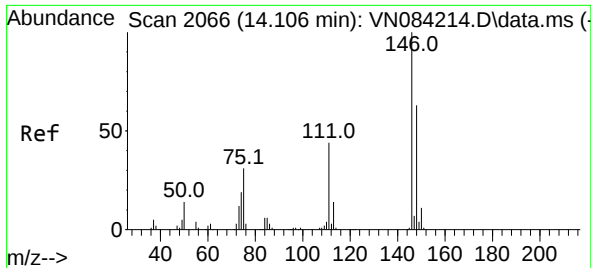
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#90
Hexachloroethane
Concen: 0.846 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

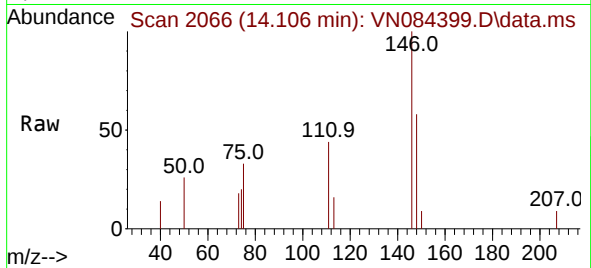
Tgt Ion:117 Resp: 1031
Ion Ratio Lower Upper
117 100
201 52.3 34.4 103.2





#91
1,2-Dichlorobenzene
Concen: 0.728 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

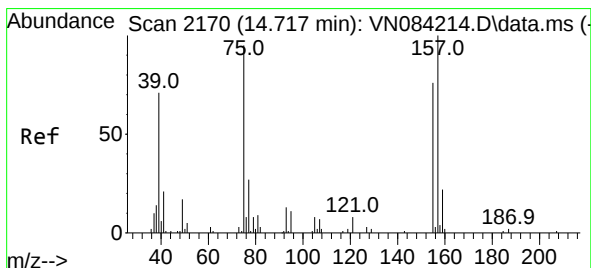
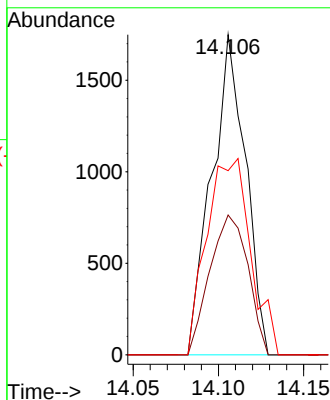
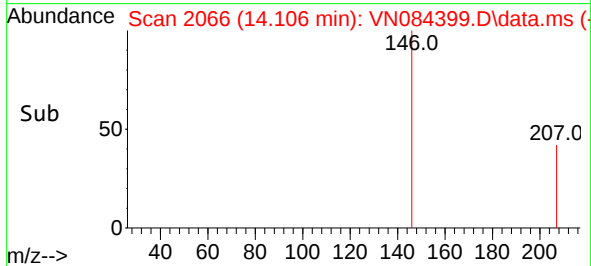
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:146 Resp: 2424
Ion Ratio Lower Upper
146 100
111 49.1 22.0 66.0
148 79.2 32.1 96.3

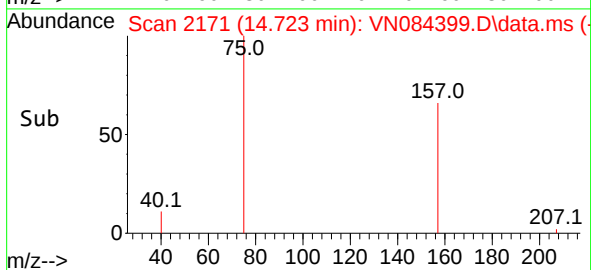
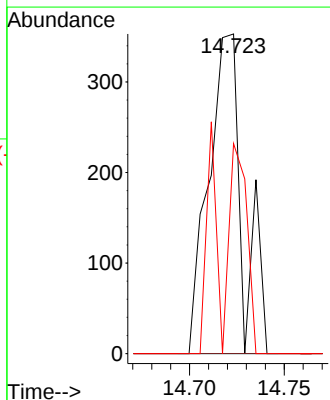
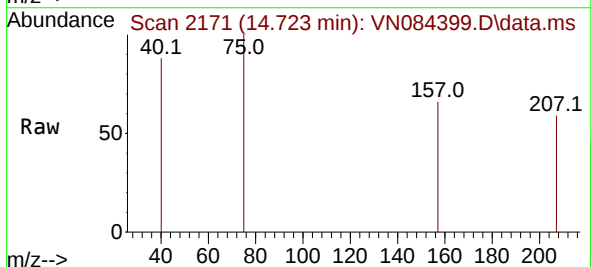
Manual Integrations
APPROVED

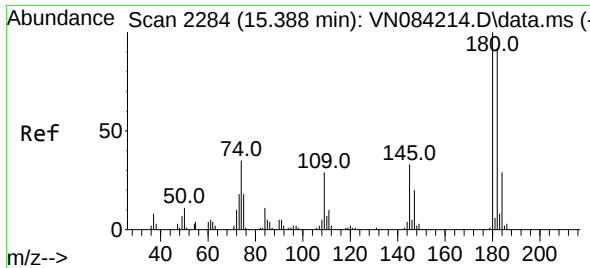
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.942 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

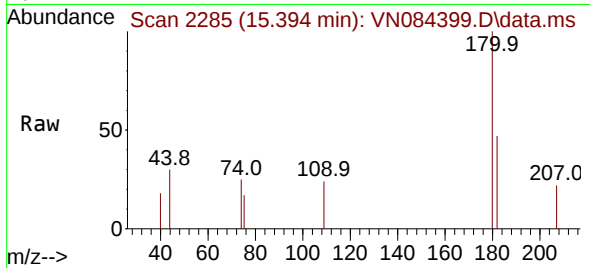
Tgt Ion: 75 Resp: 439
Ion Ratio Lower Upper
75 100
155 0.0 38.1 114.5#
157 34.2 49.6 149.0#





#93
1,2,4-Trichlorobenzene
Concen: 0.735 ug/l
RT: 15.394 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

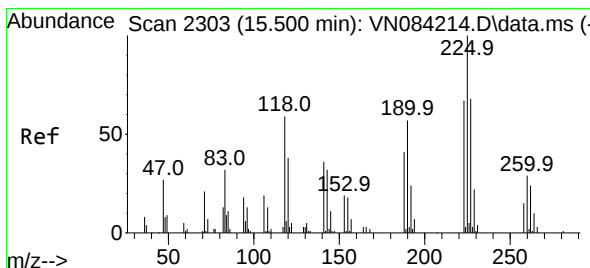
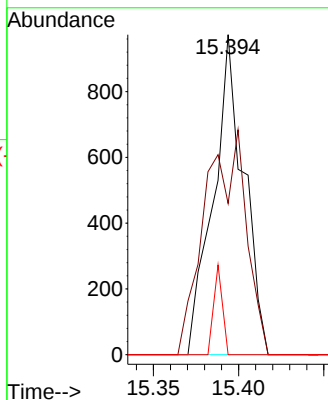
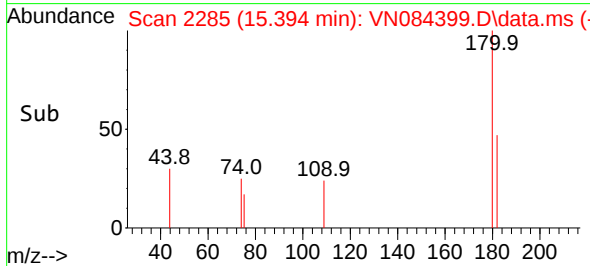
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



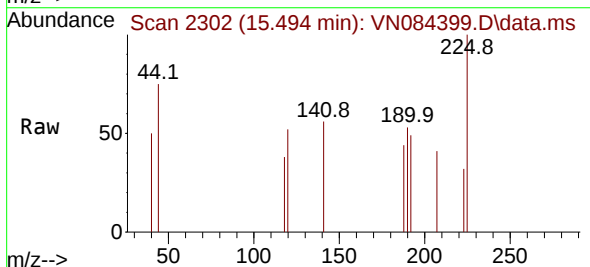
Tgt Ion:180 Resp: 120
Ion Ratio Lower Upper
180 100
182 94.4 47.0 141.0
145 8.0 16.4 49.4

Manual Integrations
APPROVED

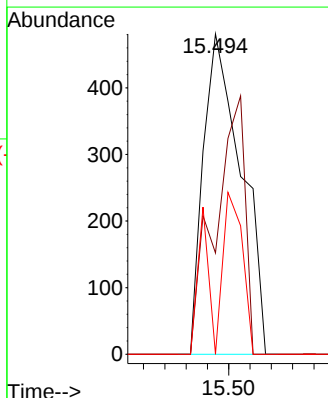
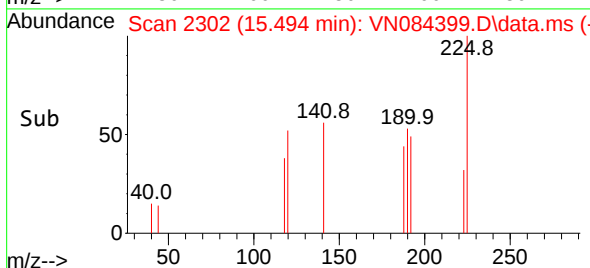
Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

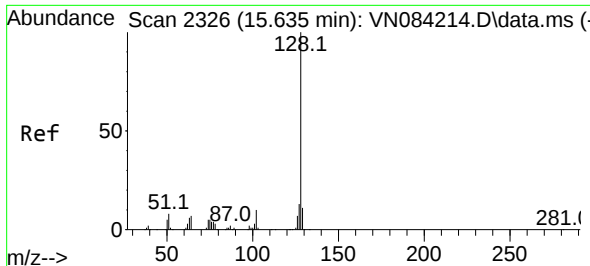


#94
Hexachlorobutadiene
Concen: 0.726 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54



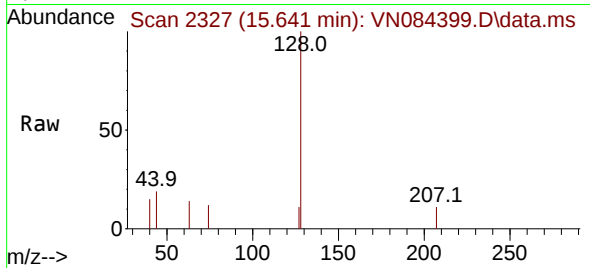
Tgt Ion:225 Resp: 594
Ion Ratio Lower Upper
225 100
223 63.6 32.4 97.2
227 39.1 32.4 97.0





#95
Naphthalene
Concen: 0.549 ug/l
RT: 15.641 min Scan# 2326
Delta R.T. 0.006 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54

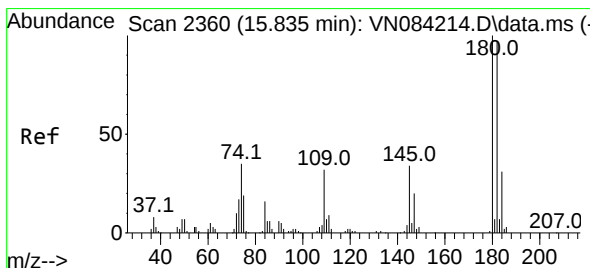
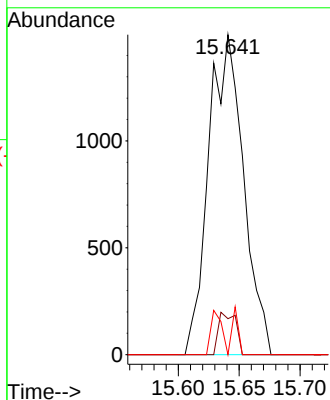
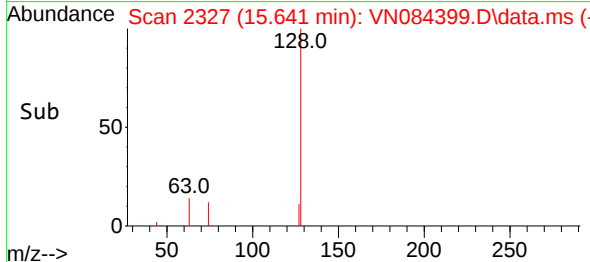
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2024



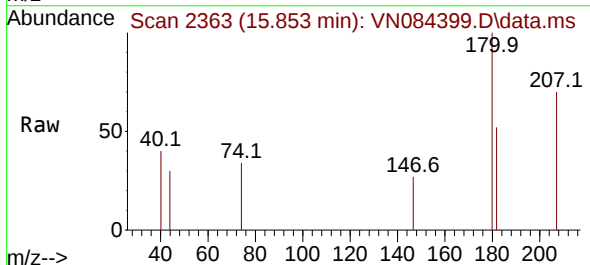
Tgt Ion:128 Resp: 298
Ion Ratio Lower Upper
128 100
127 6.5 10.5 15.7
129 4.3 8.7 13.1

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#96
1,2,3-Trichlorobenzene
Concen: 0.685 ug/l
RT: 15.853 min Scan# 2363
Delta R.T. 0.018 min
Lab File: VN084399.D
Acq: 11 Oct 2024 14:54



Tgt Ion:180 Resp: 1125
Ion Ratio Lower Upper
180 100
182 0.0 48.2 144.6#
145 0.0 17.3 51.9#

