

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
 Data File : VN084388.D
 Acq On : 10 Oct 2024 15:16
 Operator : JC\MD
 Sample : P4368-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Quant Time: Oct 11 05:32:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 05:25:25 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	158393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	117253	49.927	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.860%		
35) Dibromofluoromethane	8.165	113	92046	50.574	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.140%		
50) Toluene-d8	10.565	98	332069	49.592	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.180%		
62) 4-Bromofluorobenzene	12.847	95	117208	48.047	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	10003	5.339	ug/l	91
3) Chloromethane	2.365	50	11238	5.253	ug/l	99
4) Vinyl Chloride	2.512	62	11191	5.401	ug/l	100
5) Bromomethane	2.953	94	7181	5.254	ug/l	88
6) Chloroethane	3.118	64	7948	5.356	ug/l	99
7) Trichlorofluoromethane	3.495	101	16673	5.167	ug/l	89
8) Diethyl Ether	3.953	74	5450	4.554	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	9846	5.325	ug/l	98
10) Methyl Iodide	4.583	142	11168	4.690	ug/l #	88
11) Tert butyl alcohol	5.524	59	8380	21.640	ug/l #	82
12) 1,1-Dichloroethene	4.347	96	9142	5.126	ug/l	88
13) Acrolein	4.177	56	7169	16.126	ug/l	99
14) Allyl chloride	5.018	41	15569	5.027	ug/l #	79
15) Acrylonitrile	5.724	53	24122	24.667	ug/l	98
16) Acetone	4.436	43	28547	28.296	ug/l	92
17) Carbon Disulfide	4.706	76	26692	4.727	ug/l	96
18) Methyl Acetate	5.030	43	10646	4.842	ug/l	96
19) Methyl tert-butyl Ether	5.800	73	28285	4.699	ug/l #	88
20) Methylene Chloride	5.283	84	10998	5.363	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	9593	5.134	ug/l	96
22) Diisopropyl ether	6.671	45	31149	4.862	ug/l	98
23) Vinyl Acetate	6.606	43	120200	25.296	ug/l	97
24) 1,1-Dichloroethane	6.565	63	19342	5.399	ug/l	99
25) 2-Butanone	7.483	43	35821	26.069	ug/l	96
26) 2,2-Dichloropropane	7.483	77	16681	5.164	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	11106	4.919	ug/l	100
28) Bromochloromethane	7.818	49	9198	5.754	ug/l #	99
29) Tetrahydrofuran	7.835	42	19696	23.227	ug/l	99
30) Chloroform	7.959	83	20276	5.448	ug/l	99
31) Cyclohexane	8.259	56	18875	5.426	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	17669	5.286	ug/l	90
36) 1,1-Dichloropropene	8.371	75	12817	4.848	ug/l	98
37) Ethyl Acetate	7.559	43	13603	5.016	ug/l	98
38) Carbon Tetrachloride	8.359	117	15198	5.241	ug/l	90
39) Methylcyclohexane	9.600	83	13308	4.523	ug/l	96
40) Benzene	8.606	78	42474	5.157	ug/l	94

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	6718	4.563	ug/l	95
42) 1,2-Dichloroethane	8.671	62	14350	5.139	ug/l	100
43) Isopropyl Acetate	8.688	43	23709	4.463	ug/l	98
44) Trichloroethene	9.353	130	9994	5.195	ug/l	99
45) 1,2-Dichloropropane	9.624	63	10571	5.425	ug/l	95
46) Dibromomethane	9.712	93	7056	5.366	ug/l	94
47) Bromodichloromethane	9.888	83	15948	5.459	ug/l #	89
48) Methyl methacrylate	9.682	41	9248	4.373	ug/l	98
49) 1,4-Dioxane	9.694	88	3513	90.235	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	63143	24.456	ug/l	97
52) Toluene	10.629	92	25996	5.176	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	13357	4.485	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	15656	4.888	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	10018	5.564	ug/l	94
56) Ethyl methacrylate	10.871	69	13299	4.489	ug/l	98
57) 1,3-Dichloropropane	11.159	76	16506	5.130	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	31073	22.608	ug/l	99
59) 2-Hexanone	11.194	43	47565	24.649	ug/l	96
60) Dibromochloromethane	11.353	129	10806	5.079	ug/l	99
61) 1,2-Dibromoethane	11.471	107	9538	5.098	ug/l	100
64) Tetrachloroethene	11.106	164	8526	4.959	ug/l	85
65) Chlorobenzene	11.888	112	27634	5.049	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.959	131	10083	5.349	ug/l	94
67) Ethyl Benzene	11.965	91	44698	4.618	ug/l	97
68) m/p-Xylenes	12.070	106	33275	9.294	ug/l	95
69) o-Xylene	12.400	106	15471	4.567	ug/l	99
70) Styrene	12.412	104	24806	4.323	ug/l	99
71) Bromoform	12.576	173	7355	5.299	ug/l #	97
73) Isopropylbenzene	12.694	105	38067	4.383	ug/l	100
74) N-amyl acetate	12.494	43	17023	4.328	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	13896	5.321	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	17616	7.582	ug/l	59
77) Bromobenzene	12.976	156	10640	5.079	ug/l	96
78) n-propylbenzene	13.035	91	47719	4.742	ug/l	99
79) 2-Chlorotoluene	13.123	91	31391	4.889	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	32013	4.519	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	3894m	4.018	ug/l	
82) 4-Chlorotoluene	13.217	91	29506	4.565	ug/l	97
83) tert-Butylbenzene	13.435	119	25066	3.981	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	30788	4.314	ug/l	98
85) sec-Butylbenzene	13.612	105	37762	4.494	ug/l	100
86) p-Isopropyltoluene	13.723	119	29373	4.227	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	19251	4.898	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	19900	5.014	ug/l	95
89) n-Butylbenzene	14.053	91	25898	4.111	ug/l	95
90) Hexachloroethane	14.335	117	7063	5.008	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	17770	4.611	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	2552	4.736	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	7077	3.728	ug/l	100
94) Hexachlorobutadiene	15.494	225	4257	4.497	ug/l	89
95) Naphthalene	15.635	128	21461	3.411	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	7640	4.021	ug/l	98

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LOQ-WATER-02-QT4-2024

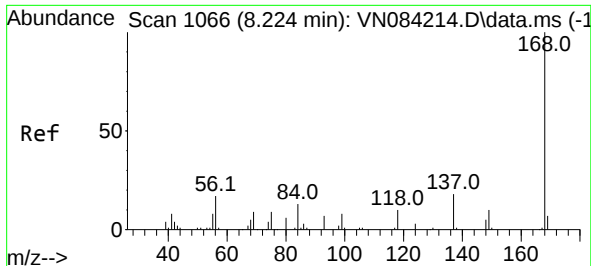
Manual Integrations
APPROVED

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Quant Time: Oct 11 05:32:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 05:25:25 2024
Response via : Initial Calibration

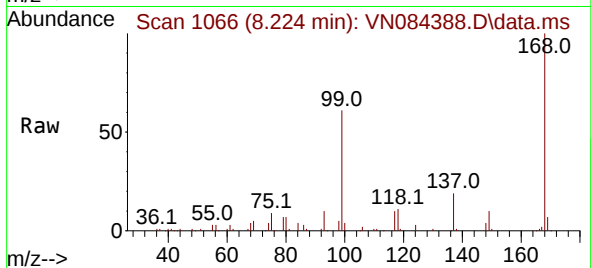
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084388.D
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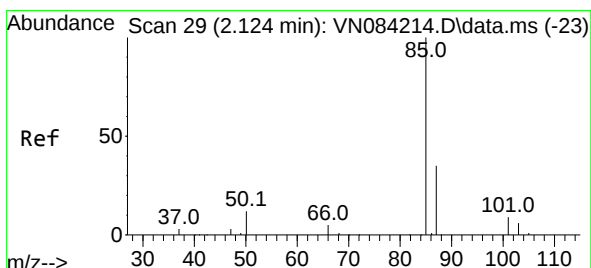
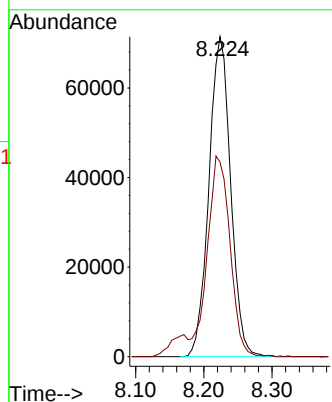
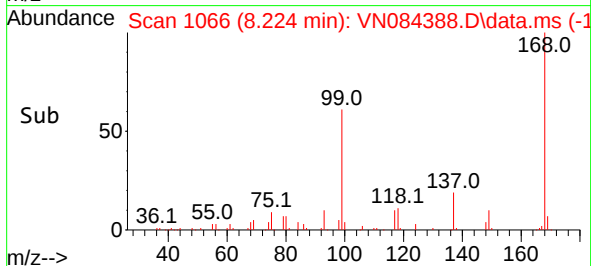
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:168 Resp: 15839
Ion Ratio Lower Upper
168 100
99 60.6 54.2 81.2

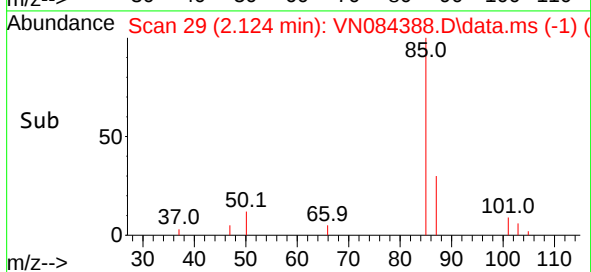
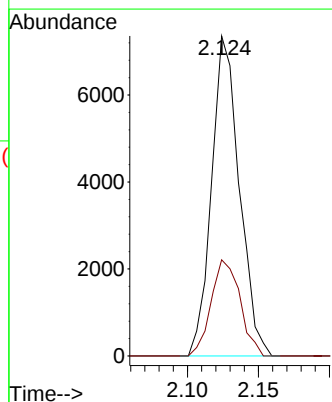
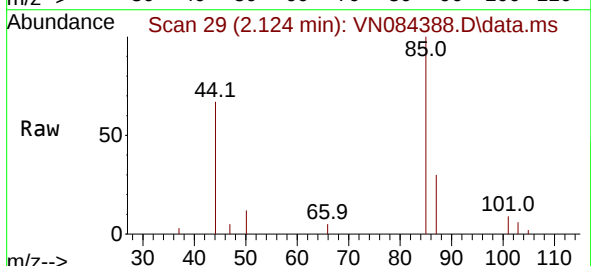
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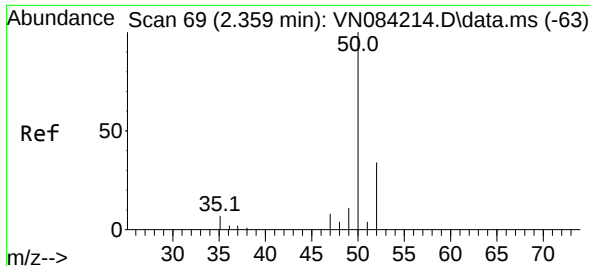
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#2
Dichlorodifluoromethane
Concen: 5.339 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Tgt Ion: 85 Resp: 10003
Ion Ratio Lower Upper
85 100
87 30.0 17.6 52.9





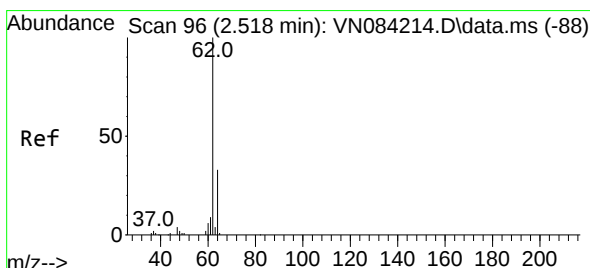
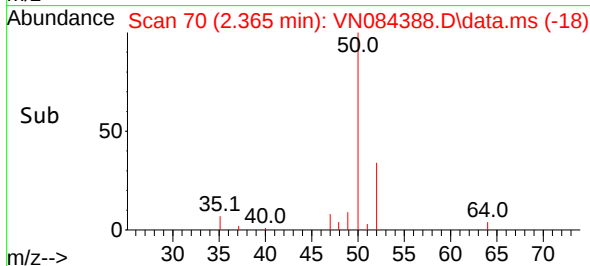
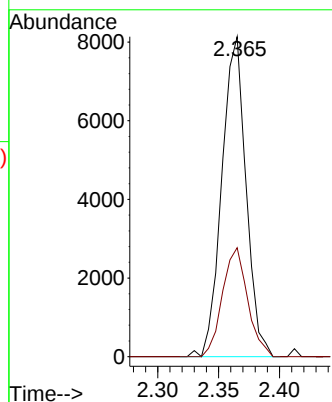
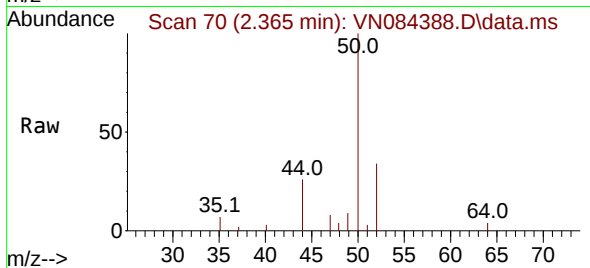
#3
Chloromethane
Concen: 5.253 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

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LOQ-WATER-02-QT4-2024

Tgt Ion: 50 Resp: 11238
Ion Ratio Lower Upper
50 100
52 34.1 26.8 40.2

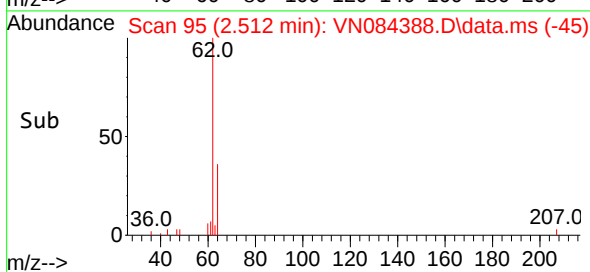
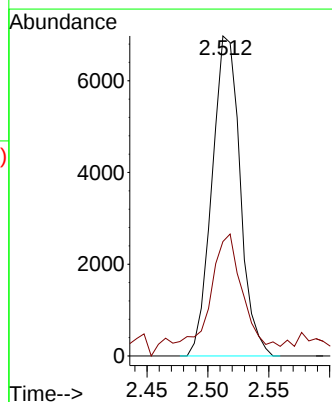
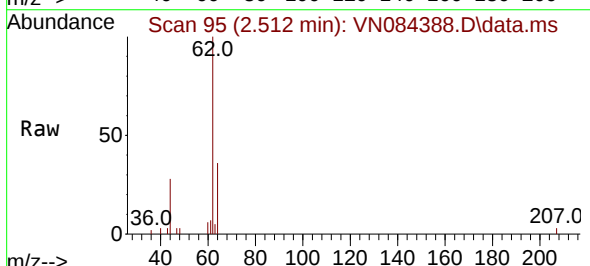
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#4
Vinyl Chloride
Concen: 5.401 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

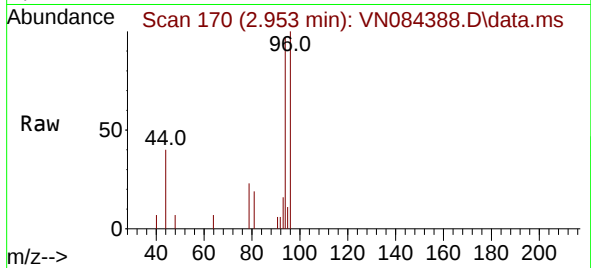
Tgt Ion: 62 Resp: 11191
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.4





#5
Bromomethane
Concen: 5.254 ug/l
RT: 2.953 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

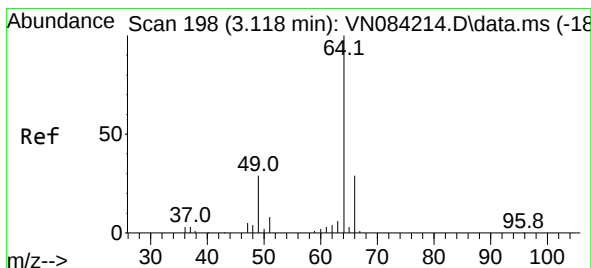
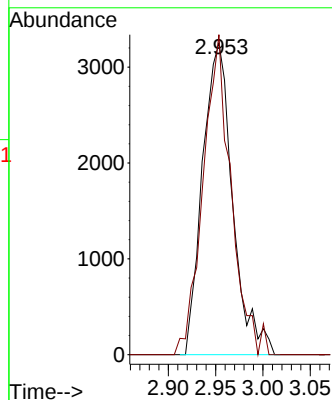
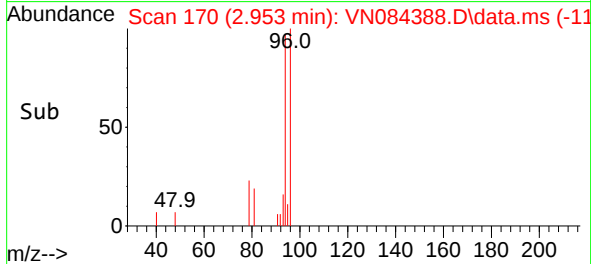
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 94 Resp: 718
Ion Ratio Lower Upper
94 100
96 102.6 72.9 109.3

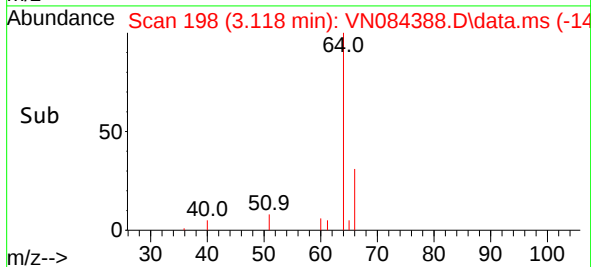
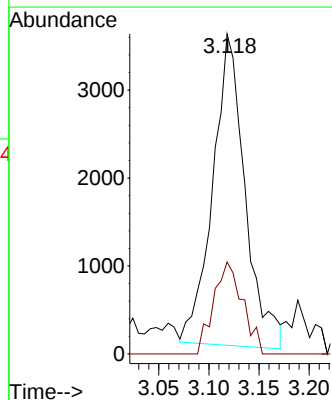
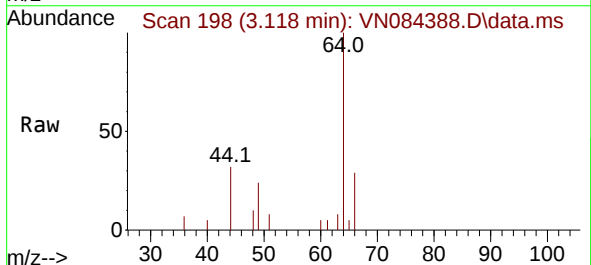
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#6
Chloroethane
Concen: 5.356 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Tgt Ion: 64 Resp: 7948
Ion Ratio Lower Upper
64 100
66 30.2 23.5 35.3





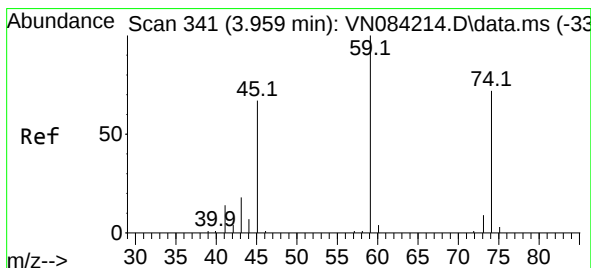
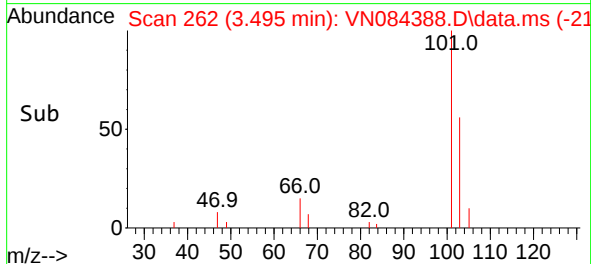
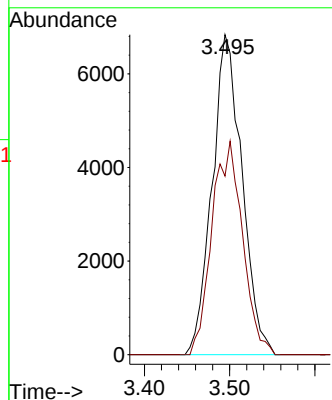
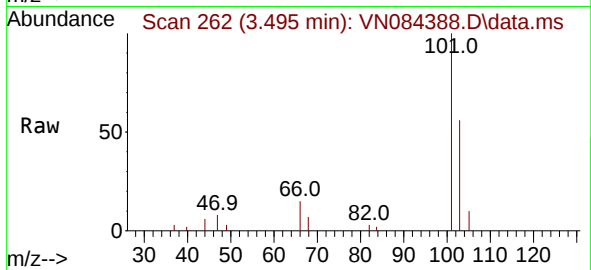
#7
Trichlorofluoromethane
Concen: 5.167 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:101 Resp: 1667
Ion Ratio Lower Upper
101 100
103 55.8 51.8 77.6

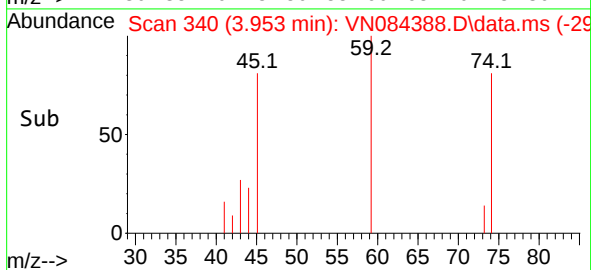
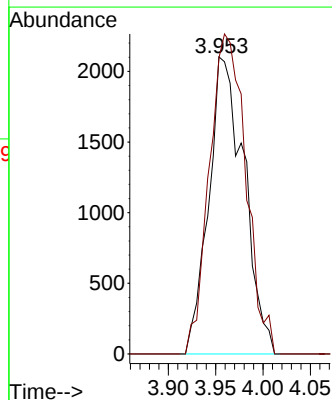
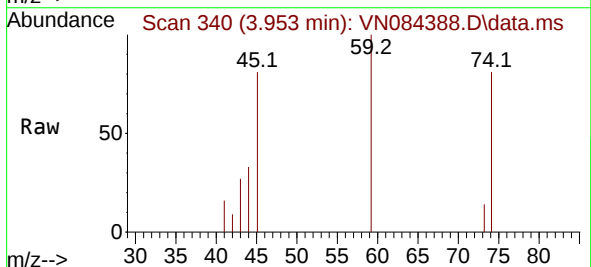
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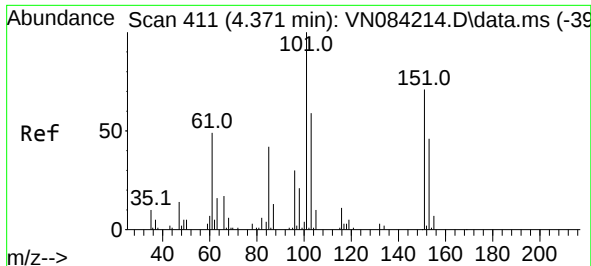
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#8
Diethyl Ether
Concen: 4.554 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Tgt Ion: 74 Resp: 5450
Ion Ratio Lower Upper
74 100
45 111.2 47.7 143.1





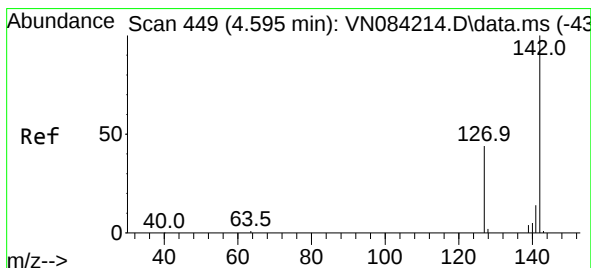
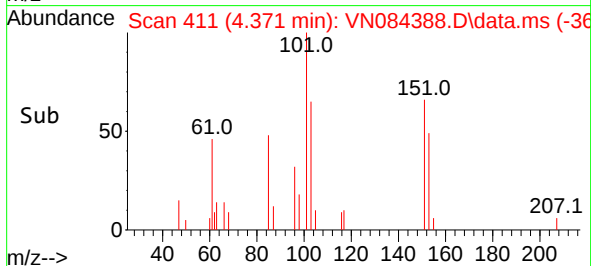
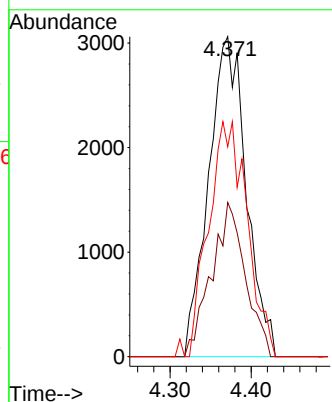
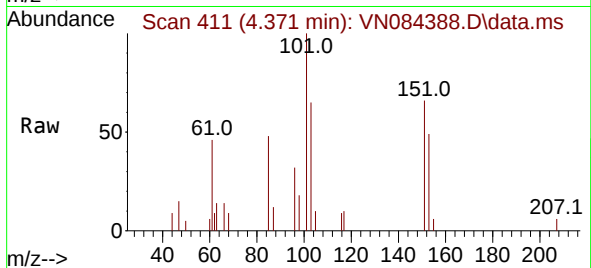
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.325 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

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Tgt Ion:101 Resp: 9840
Ion Ratio Lower Upper
101 100
85 43.5 36.2 54.4
151 75.3 59.3 88.9

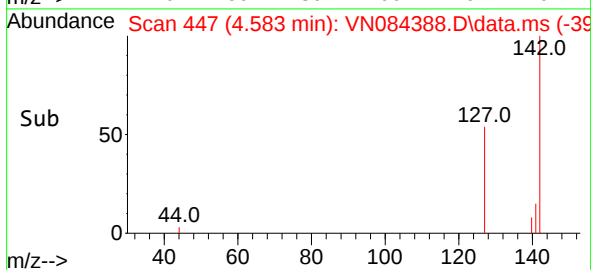
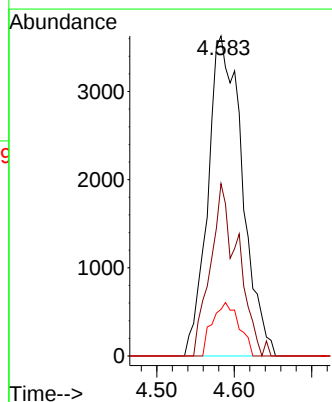
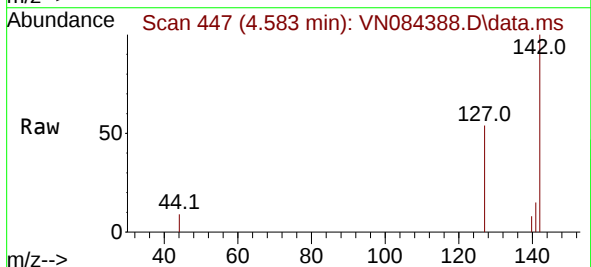
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 4.690 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

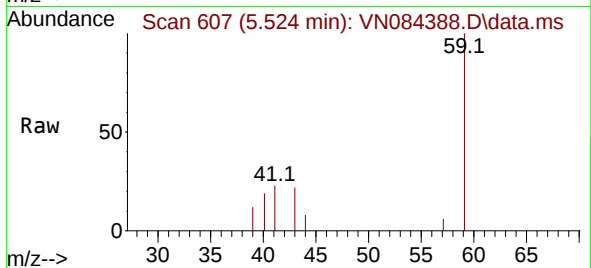
Tgt Ion:142 Resp: 11168
Ion Ratio Lower Upper
142 100
127 53.9 35.3 52.9#
141 14.6 11.0 16.6





#11
Tert butyl alcohol
Concen: 21.640 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

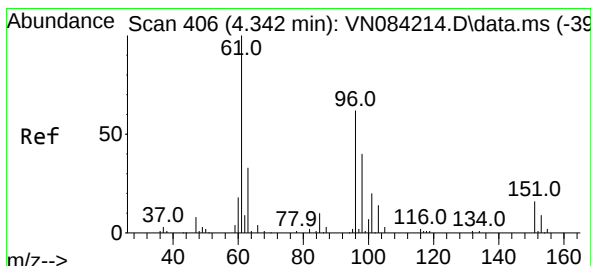
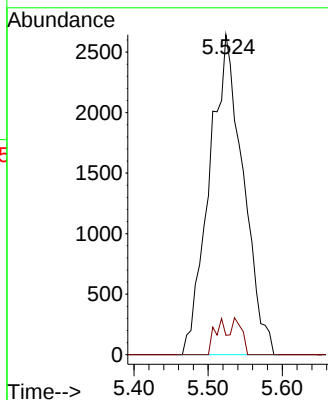
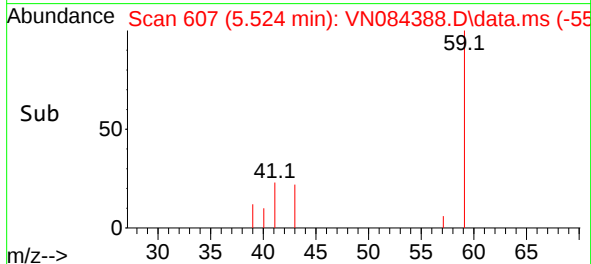
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



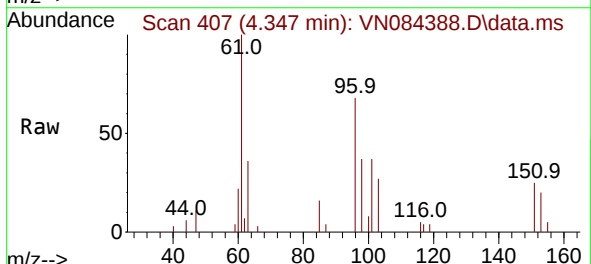
Tgt Ion: 59 Resp: 8380
Ion Ratio Lower Upper
59 100
57 3.6 8.2 12.2

Manual Integrations
APPROVED

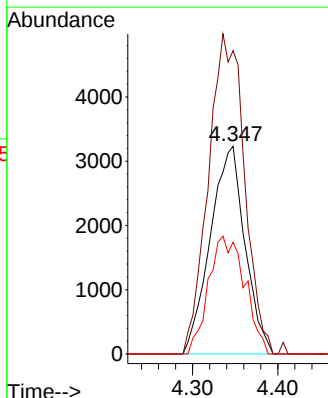
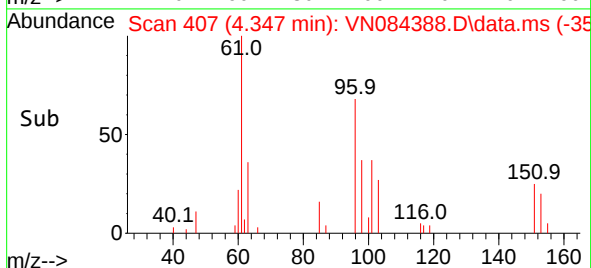
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#12
1,1-Dichloroethene
Concen: 5.126 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16



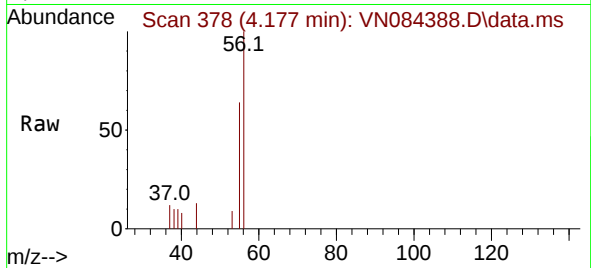
Tgt Ion: 96 Resp: 9142
Ion Ratio Lower Upper
96 100
61 146.0 128.6 192.8
98 53.7 51.7 77.5





#13
Acrolein
Concen: 16.126 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

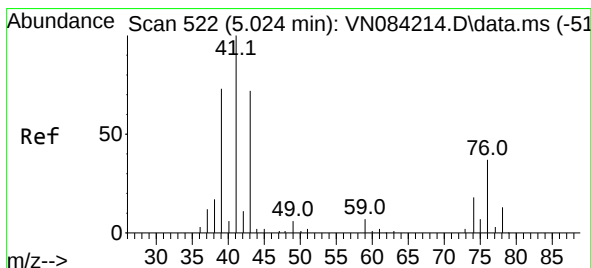
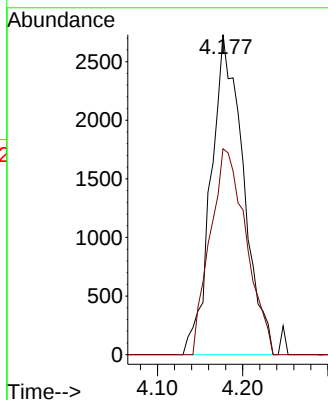
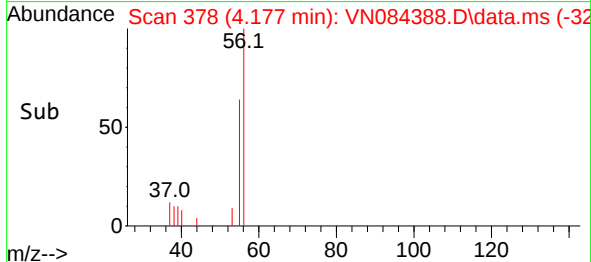
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



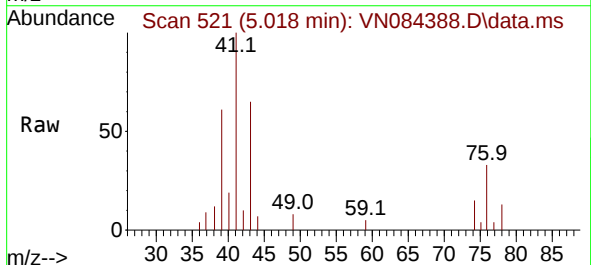
Tgt Ion: 56 Resp: 7169
Ion Ratio Lower Upper
56 100
55 72.0 57.2 85.8

Manual Integrations
APPROVED

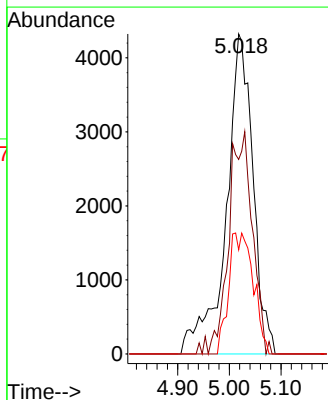
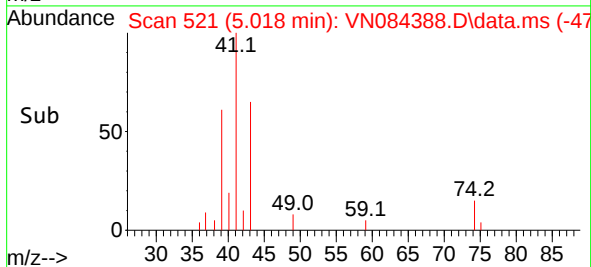
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

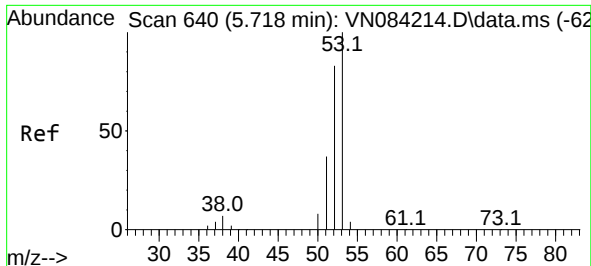


#14
Allyl chloride
Concen: 5.027 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16



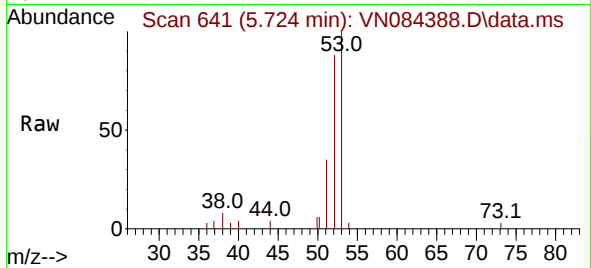
Tgt Ion: 41 Resp: 15569
Ion Ratio Lower Upper
41 100
39 62.0 59.0 88.6
76 15.8 29.8 44.6#





#15
Acrylonitrile
Concen: 24.667 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

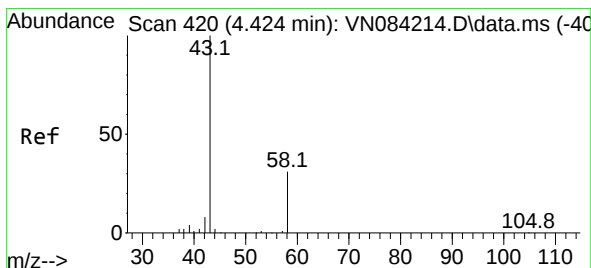
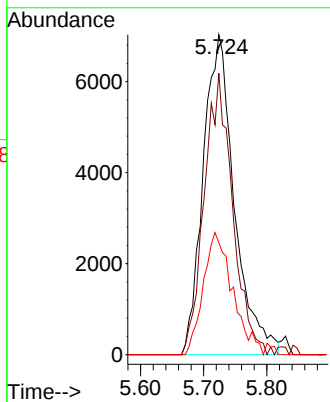
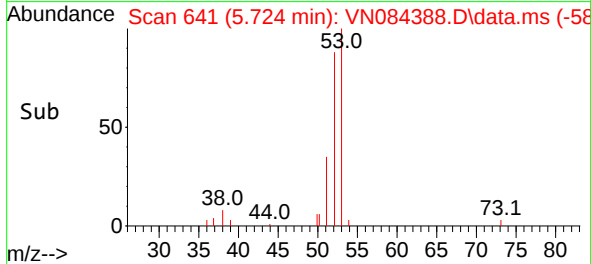
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 53 Resp: 2412
Ion Ratio Lower Upper
53 100
52 79.9 66.2 99.4
51 36.0 28.8 43.2

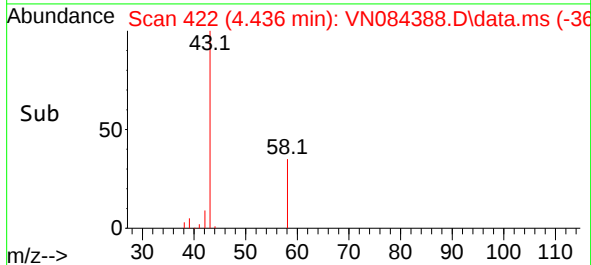
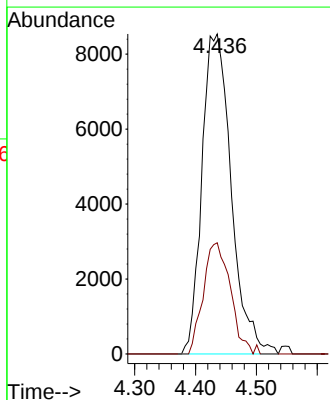
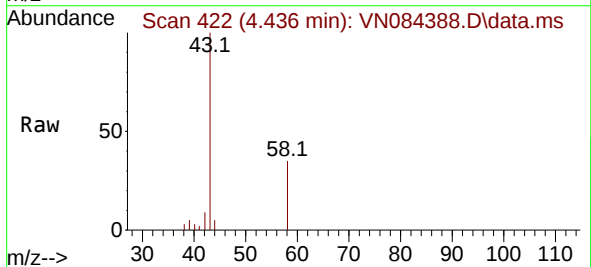
Manual Integrations
APPROVED

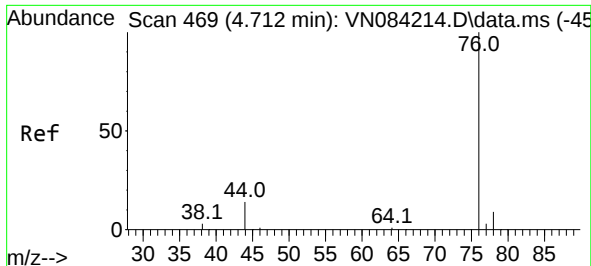
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#16
Acetone
Concen: 28.296 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

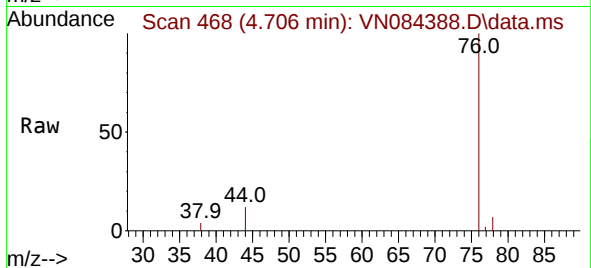
Tgt Ion: 43 Resp: 28547
Ion Ratio Lower Upper
43 100
58 34.8 24.4 36.6





#17
Carbon Disulfide
Concen: 4.727 ug/l
RT: 4.706 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

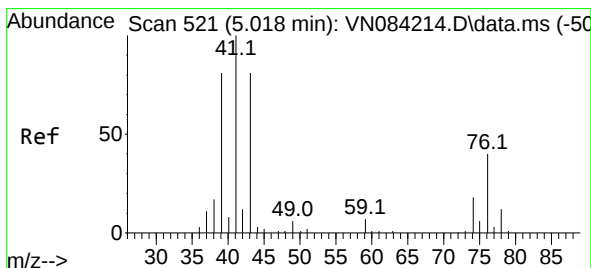
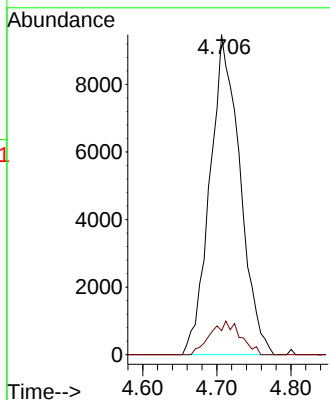
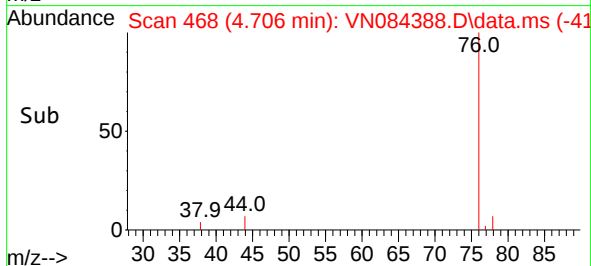
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 76 Resp: 2669
Ion Ratio Lower Upper
76 100
78 7.5 7.3 10.9

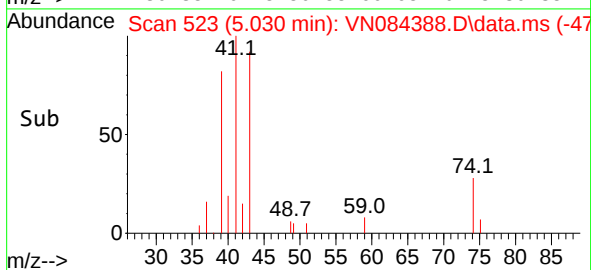
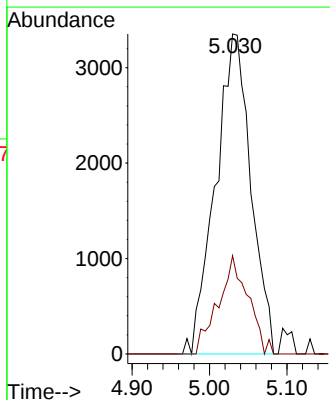
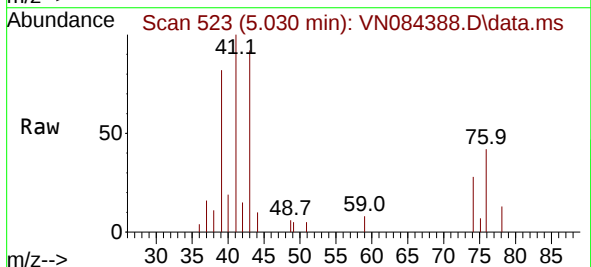
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 4.842 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

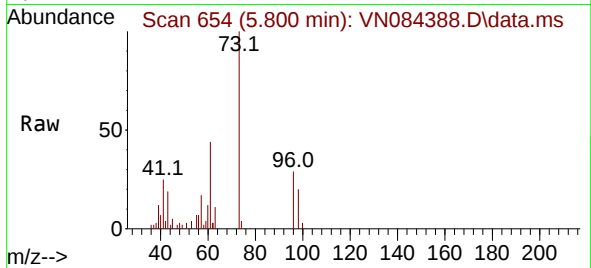
Tgt Ion: 43 Resp: 10646
Ion Ratio Lower Upper
43 100
74 25.9 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 4.699 ug/l
RT: 5.800 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

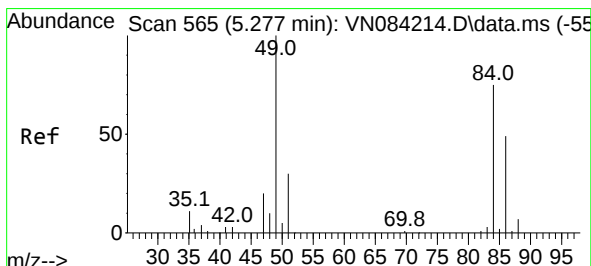
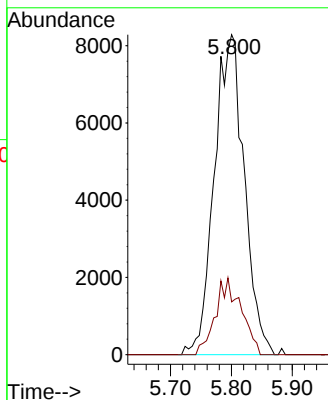
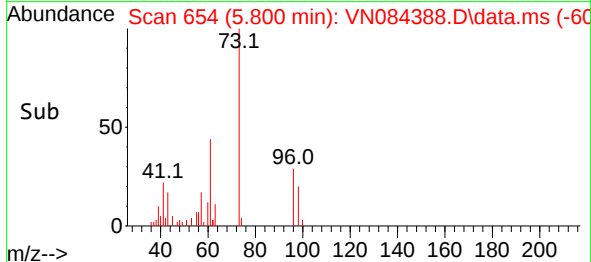
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 73 Resp: 2828
Ion Ratio Lower Upper
73 100
57 16.5 17.7 26.5

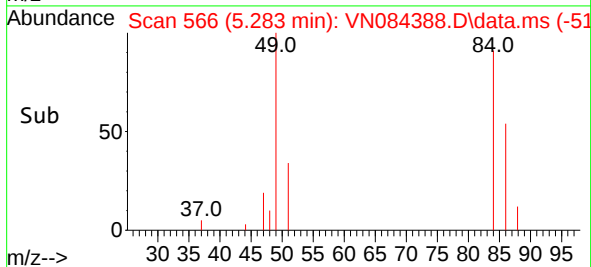
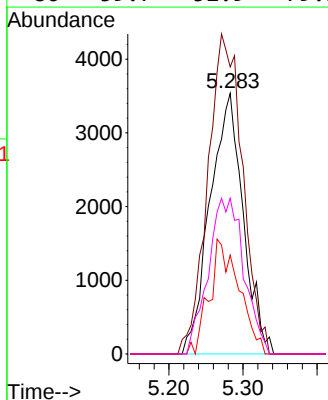
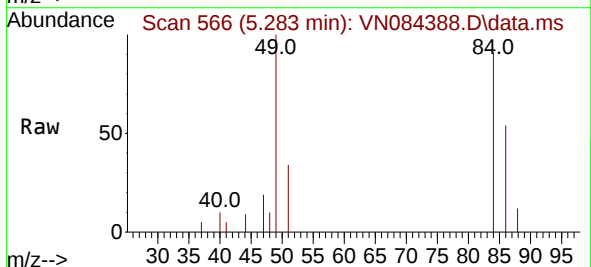
Manual Integrations
APPROVED

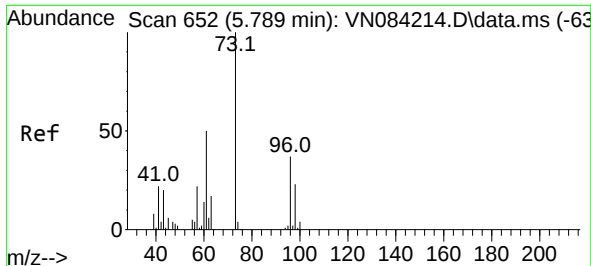
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#20
Methylene Chloride
Concen: 5.363 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

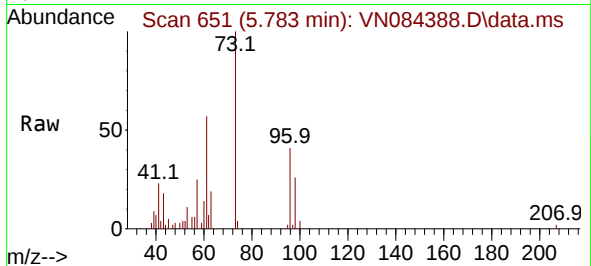
Tgt Ion: 84 Resp: 10998
Ion Ratio Lower Upper
84 100
49 110.1 107.2 160.8
51 38.0 31.8 47.8
86 59.7 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 5.134 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

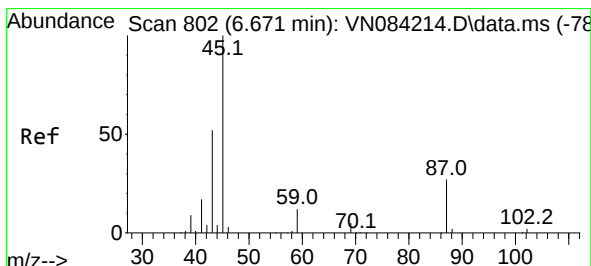
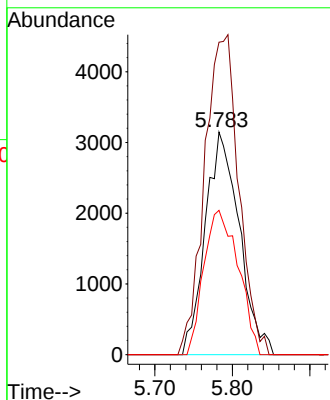
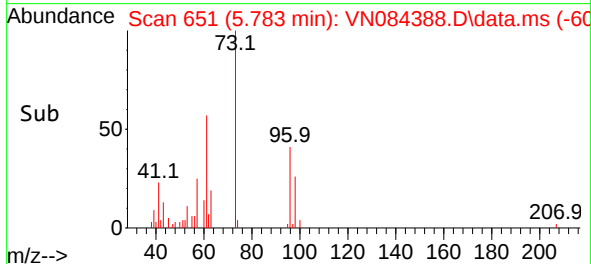
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 96 Resp: 959
Ion Ratio Lower Upper
96 100
61 140.4 108.4 162.6
98 64.8 49.8 74.8

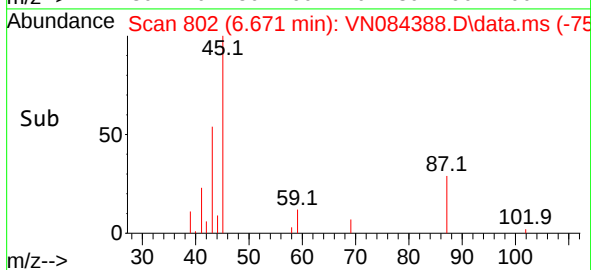
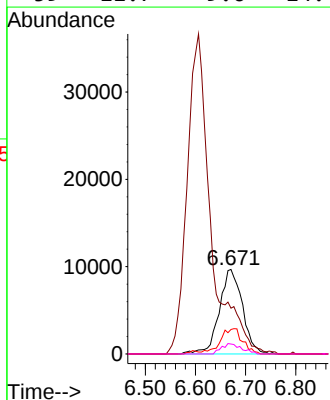
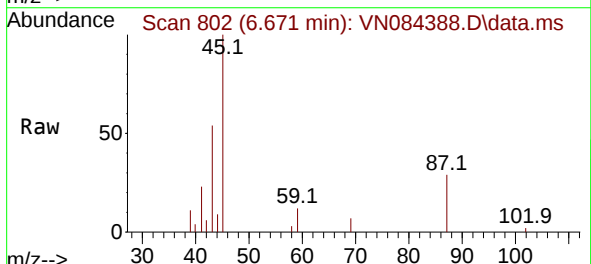
Manual Integrations
APPROVED

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



#22
Diisopropyl ether
Concen: 4.862 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Tgt Ion: 45 Resp: 31149
Ion Ratio Lower Upper
45 100
43 54.1 42.3 63.5
87 29.0 21.8 32.6
59 11.7 9.6 14.4





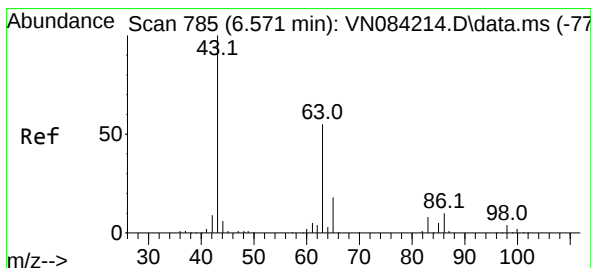
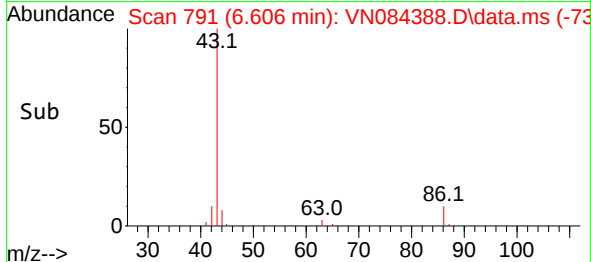
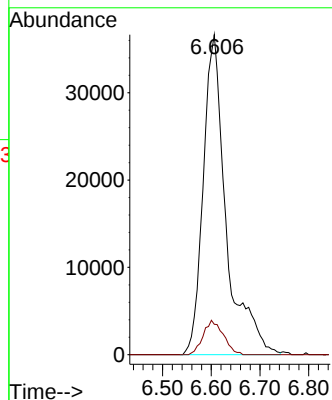
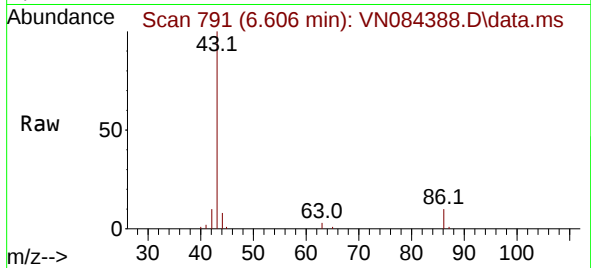
#23
 Vinyl Acetate
 Concen: 25.296 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN084388.D
 Acq: 10 Oct 2024 15:16

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Tgt Ion: 43 Resp: 120200
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.6 12.8

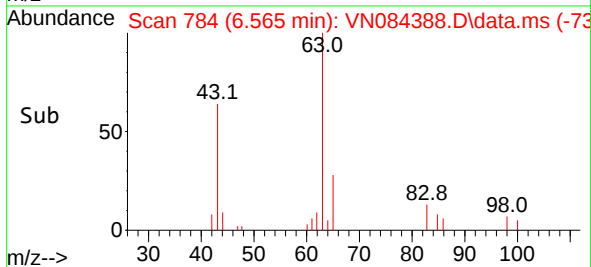
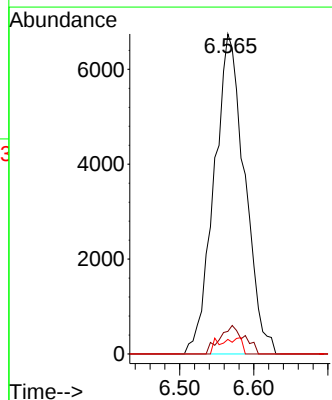
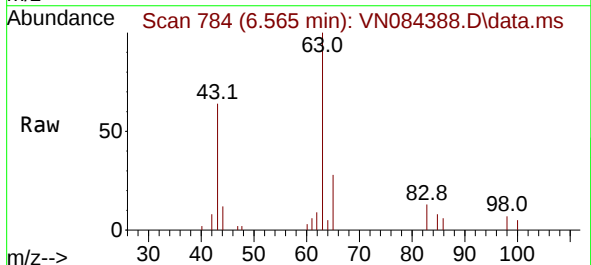
Manual Integrations
 APPROVED

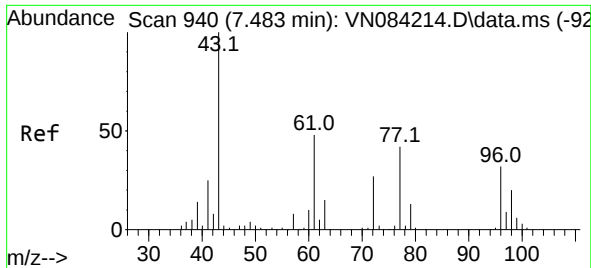
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#24
 1,1-Dichloroethane
 Concen: 5.399 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN084388.D
 Acq: 10 Oct 2024 15:16

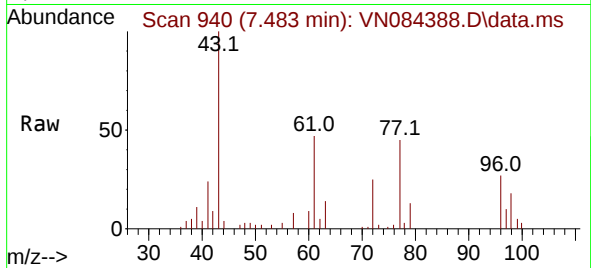
Tgt Ion: 63 Resp: 19342
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.5 2.0 5.8





#25
2-Butanone
Concen: 26.069 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

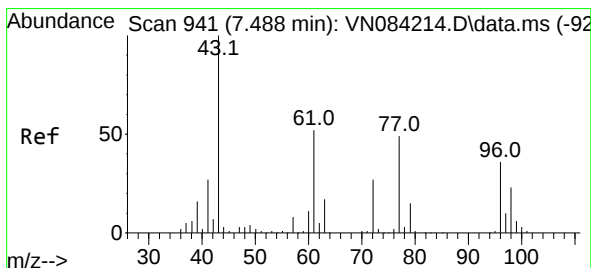
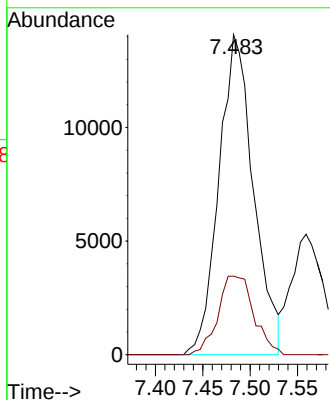
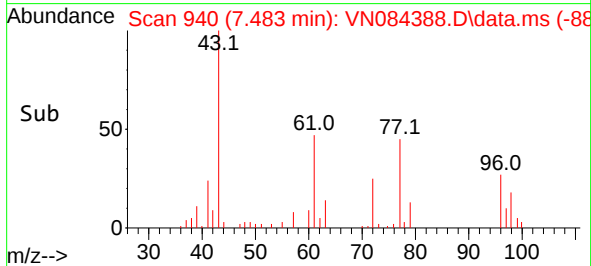
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



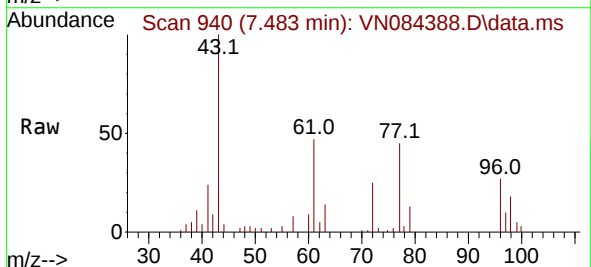
Tgt Ion: 43 Resp: 3582
Ion Ratio Lower Upper
43 100
72 24.6 21.4 32.2

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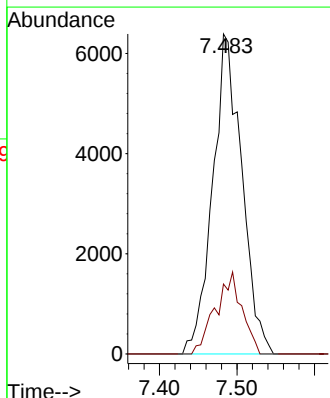
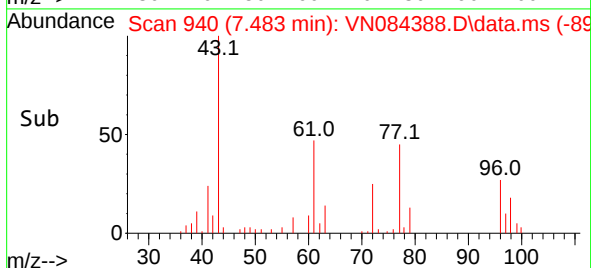
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#26
2,2-Dichloropropane
Concen: 5.164 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16



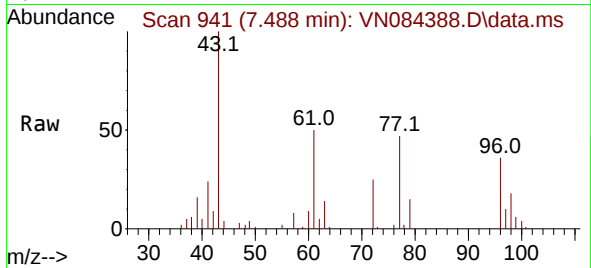
Tgt Ion: 77 Resp: 16681
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 4.919 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN084388.D
 Acq: 10 Oct 2024 15:16

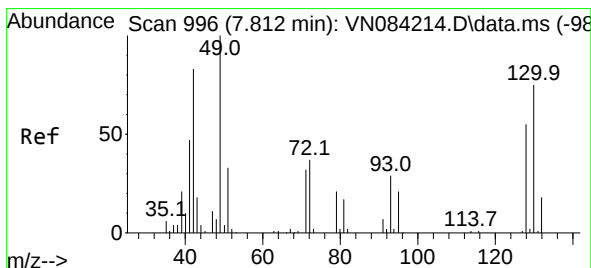
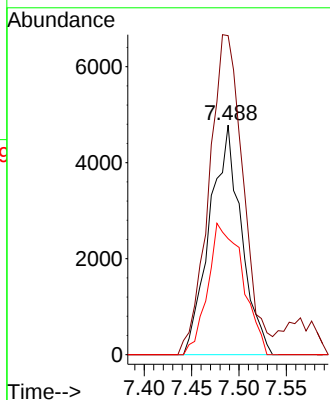
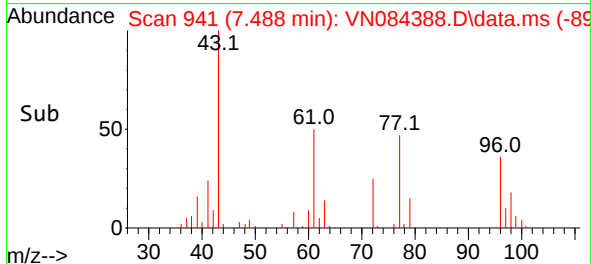
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion: 96 Resp: 11100
 Ion Ratio Lower Upper
 96 100
 61 150.9 0.0 301.8
 98 63.2 0.0 128.2

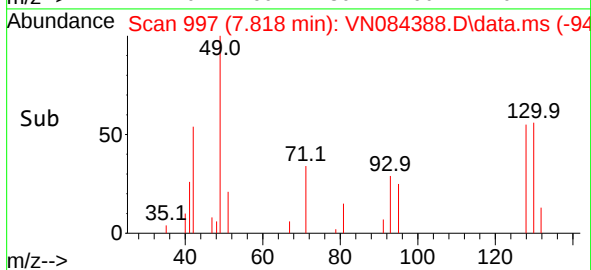
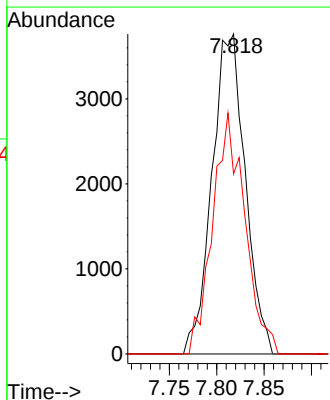
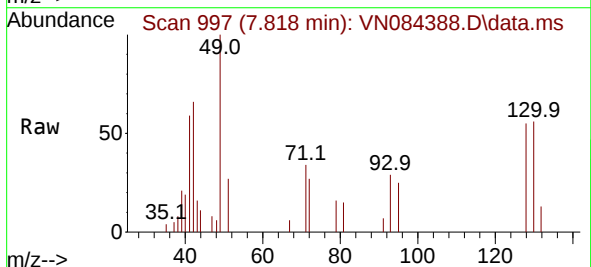
Manual Integrations
 APPROVED

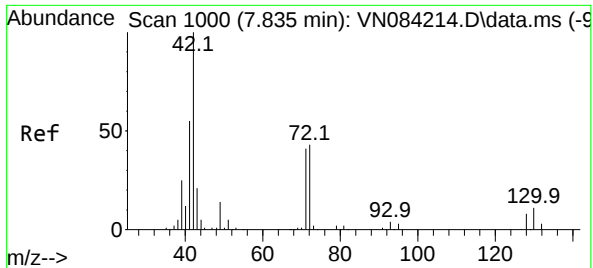
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#28
 Bromochloromethane
 Concen: 5.754 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN084388.D
 Acq: 10 Oct 2024 15:16

Tgt Ion: 49 Resp: 9198
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 72.9 58.0 87.0





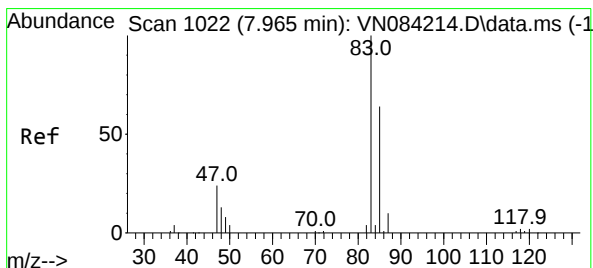
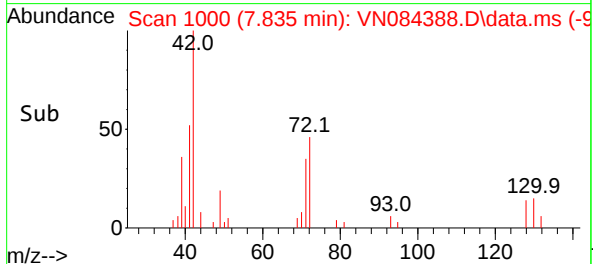
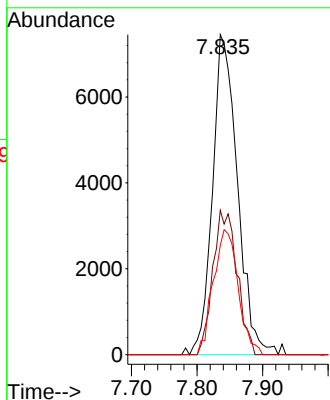
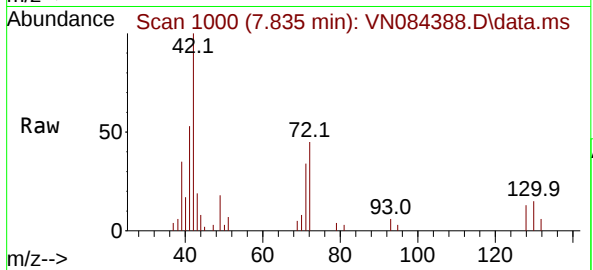
#29
Tetrahydrofuran
Concen: 23.227 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 42 Resp: 19690
Ion Ratio Lower Upper
42 100
72 43.6 34.6 51.8
71 38.8 32.2 48.4

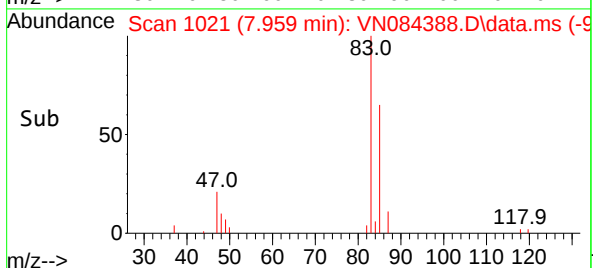
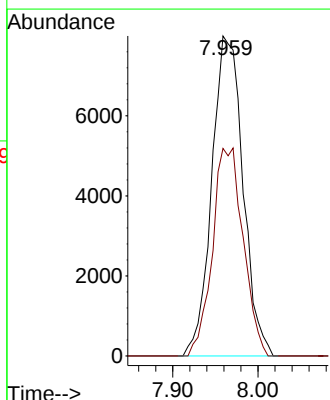
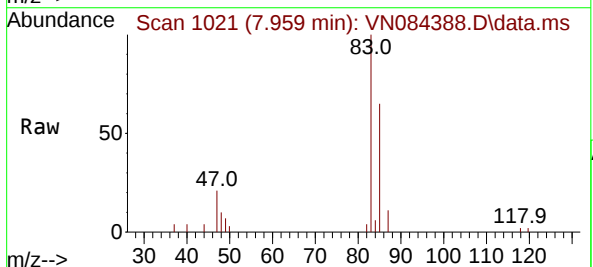
Manual Integrations
APPROVED

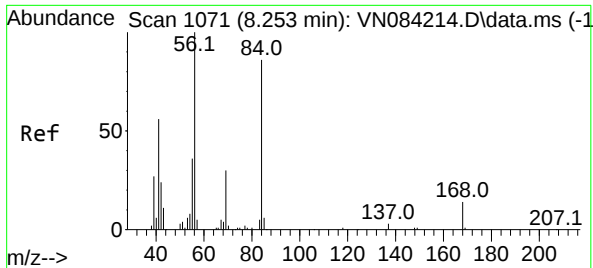
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#30
Chloroform
Concen: 5.448 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

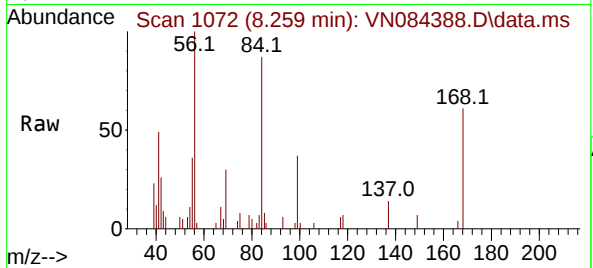
Tgt Ion: 83 Resp: 20276
Ion Ratio Lower Upper
83 100
85 64.8 51.0 76.4





#31
Cyclohexane
Concen: 5.426 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

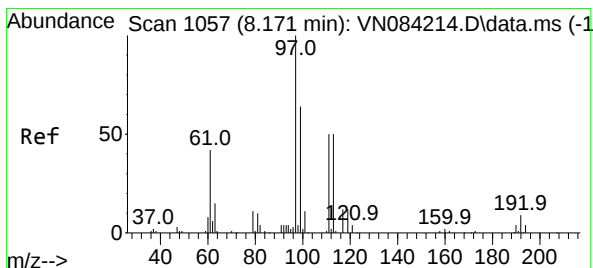
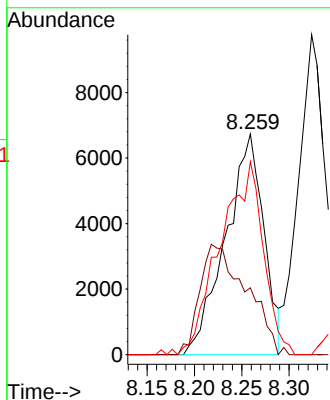
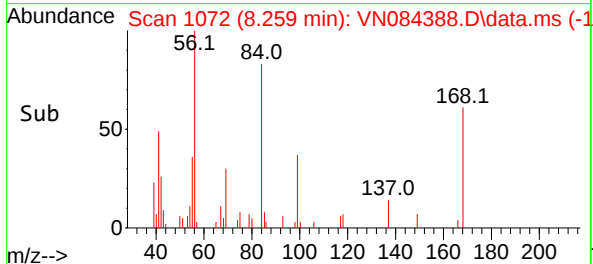
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 56 Resp: 1887
Ion Ratio Lower Upper
56 100
69 30.3 23.8 35.6
84 87.4 68.8 103.2

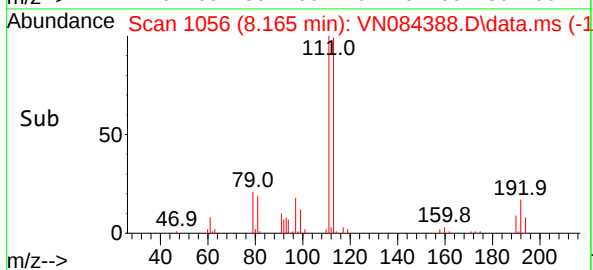
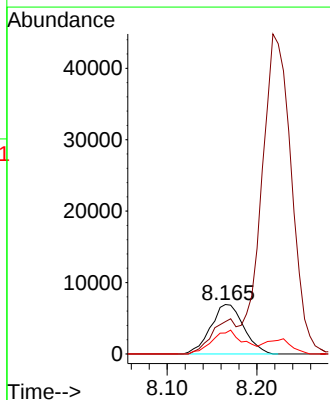
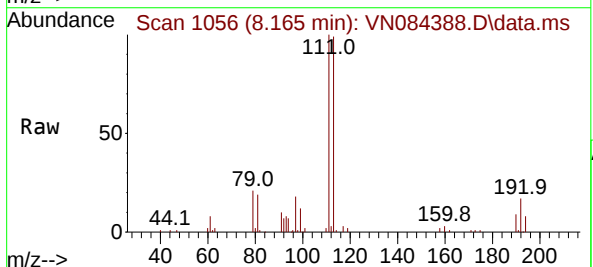
Manual Integrations
APPROVED

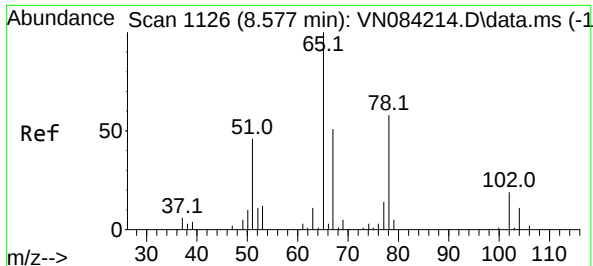
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#32
1,1,1-Trichloroethane
Concen: 5.286 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Tgt Ion: 97 Resp: 17669
Ion Ratio Lower Upper
97 100
99 51.4 51.2 76.8
61 45.7 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 49.927 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN084388.D

Acq: 10 Oct 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 65 Resp: 11725

Ion Ratio Lower Upper

65 100

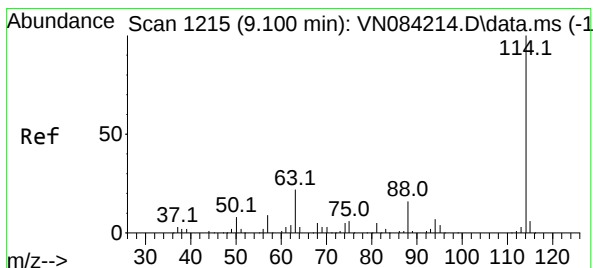
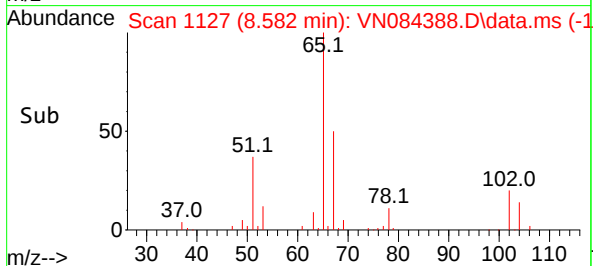
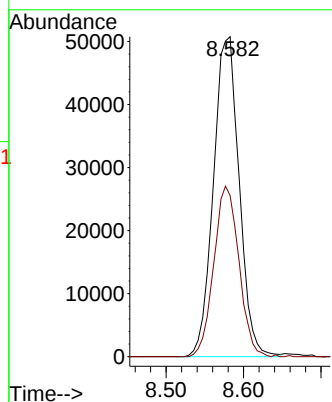
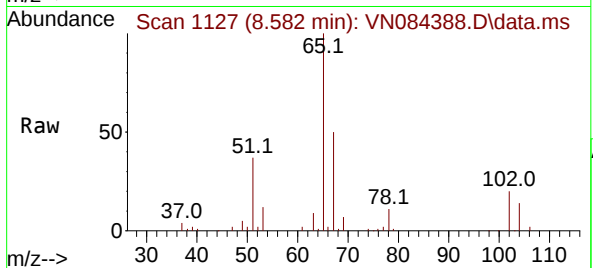
67 51.9 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084388.D

Acq: 10 Oct 2024 15:16

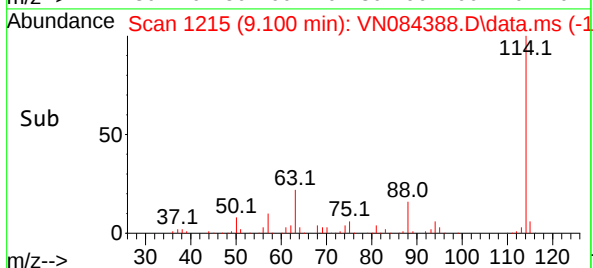
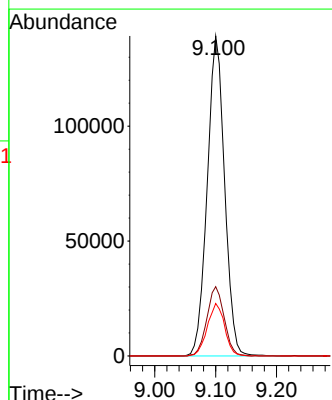
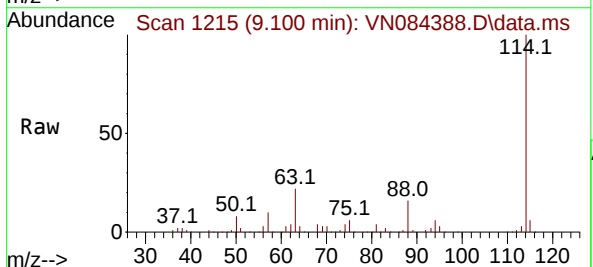
Tgt Ion:114 Resp: 276069

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.8

88 16.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.574 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084388.D

Acq: 10 Oct 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2024

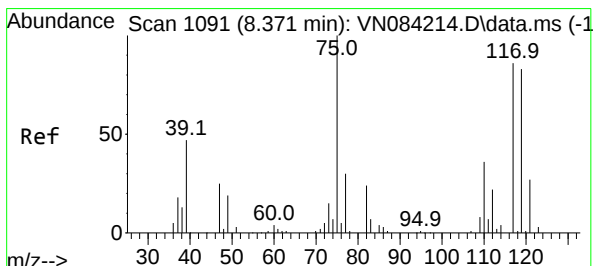
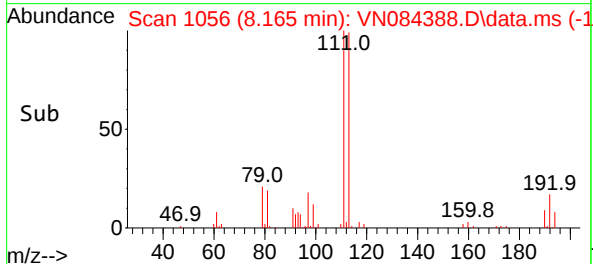
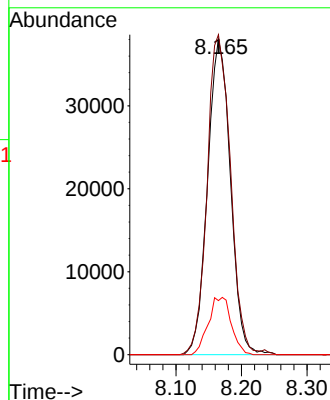
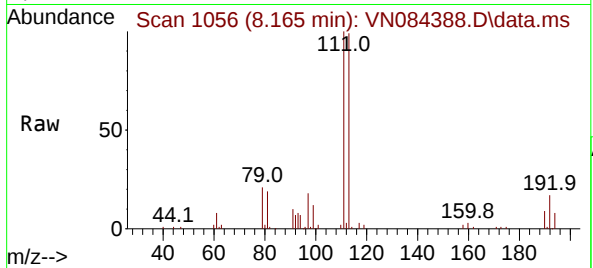
Tgt Ion:	113	Resp:	9204
Ion Ratio	Lower	Upper	
113	100		
111	104.1	83.3	124.9
192	18.3	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#36

1,1-Dichloropropene

Concen: 4.848 ug/l

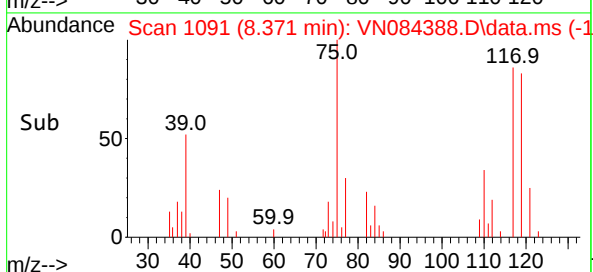
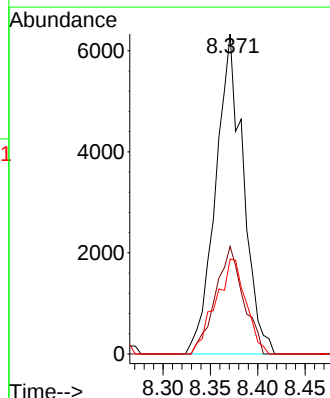
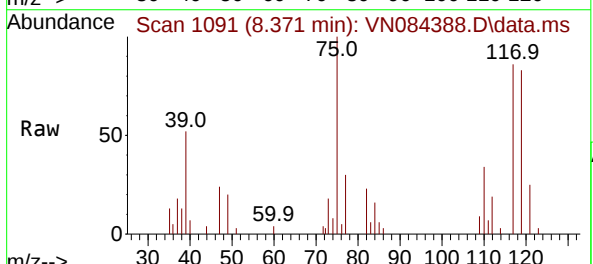
RT: 8.371 min Scan# 1091

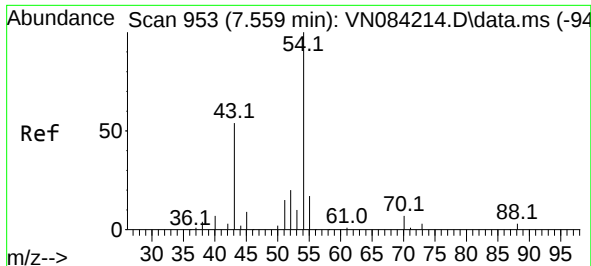
Delta R.T. -0.000 min

Lab File: VN084388.D

Acq: 10 Oct 2024 15:16

Tgt Ion:	75	Resp:	12817
Ion Ratio	Lower	Upper	
75	100		
110	34.1	16.9	50.7
77	32.6	24.7	37.1





#37

Ethyl Acetate

Concen: 5.016 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN084388.D

Acq: 10 Oct 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2024

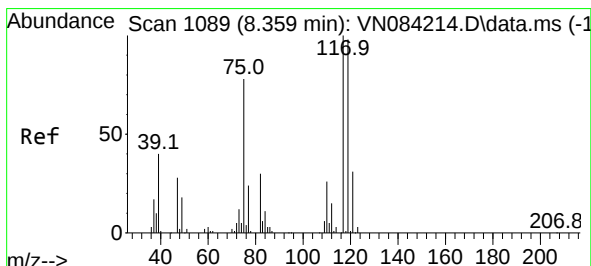
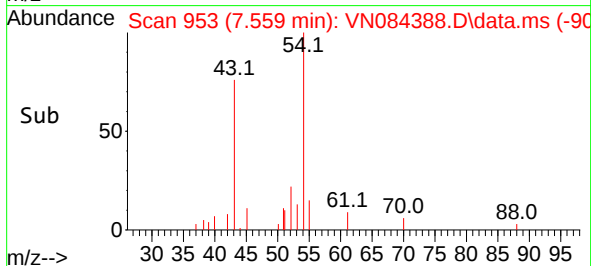
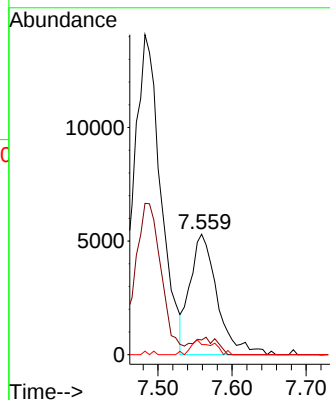
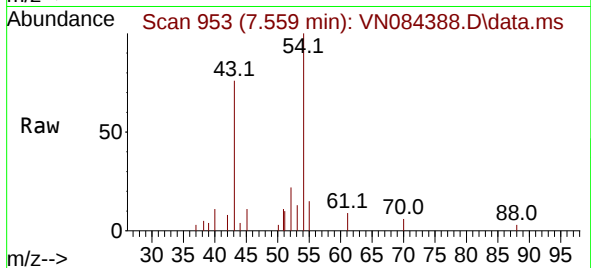
Tgt Ion: 43 Resp: 1360

Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.7	16.1
70	9.8	8.8	13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#38

Carbon Tetrachloride

Concen: 5.241 ug/l

RT: 8.359 min Scan# 1089

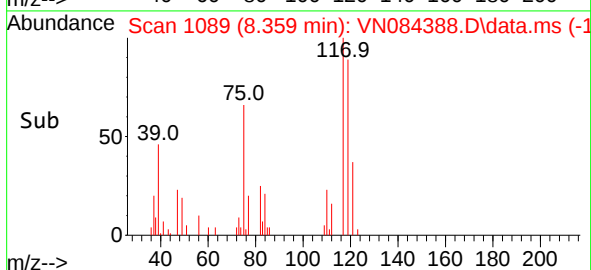
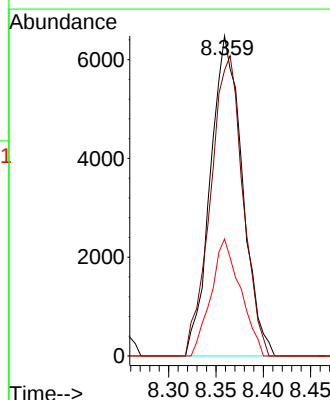
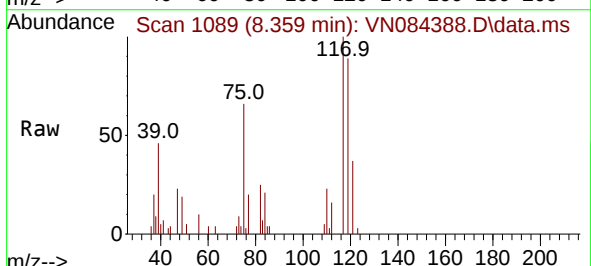
Delta R.T. -0.000 min

Lab File: VN084388.D

Acq: 10 Oct 2024 15:16

Tgt Ion:117 Resp: 15198

Ion	Ratio	Lower	Upper
117	100		
119	89.3	78.7	118.1
121	36.5	24.4	36.6





#39

Methylcyclohexane

Concen: 4.523 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN084388.D

Acq: 10 Oct 2024 15:16

Instrument :

MSVOA_N

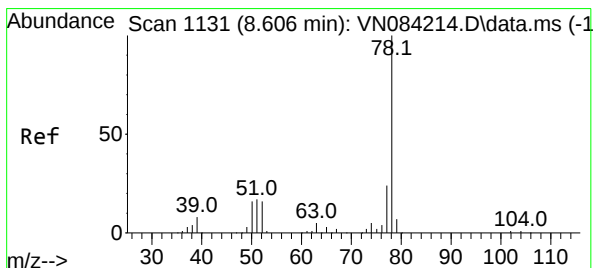
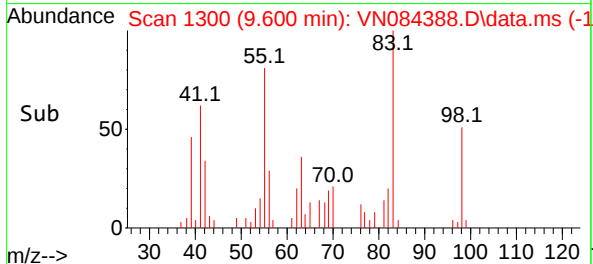
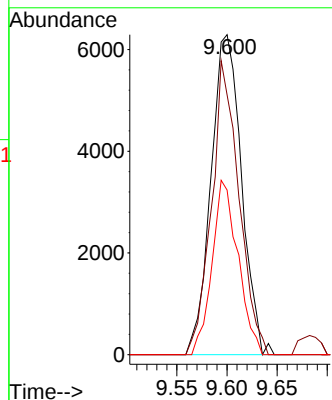
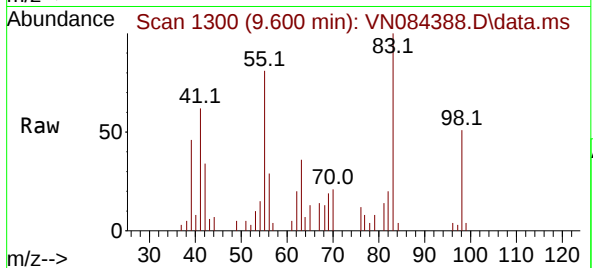
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 83	Resp: 13308
Ion Ratio	Lower Upper
83	100
55	81.2 62.8 94.2
98	51.4 38.8 58.2

Manual Integrations
APPROVED

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



#40

Benzene

Concen: 5.157 ug/l

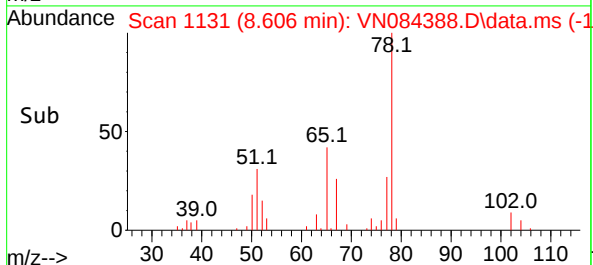
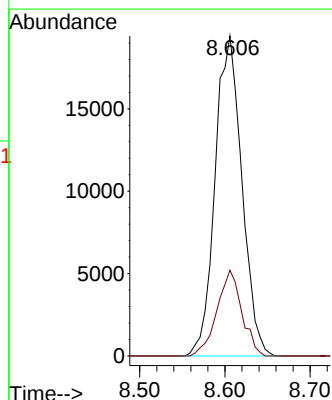
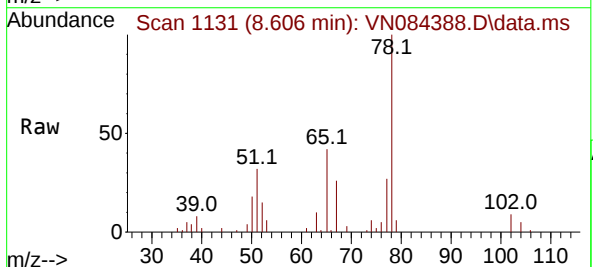
RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN084388.D

Acq: 10 Oct 2024 15:16

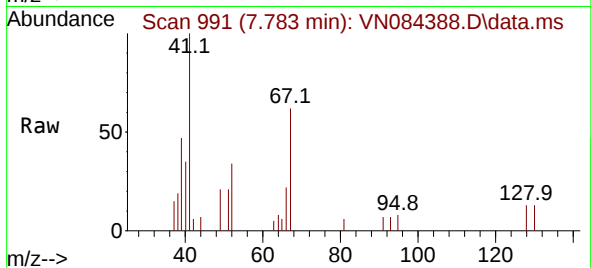
Tgt Ion: 78	Resp: 42474
Ion Ratio	Lower Upper
78	100
77	26.8 19.1 28.7





#41
Methacrylonitrile
Concen: 4.563 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

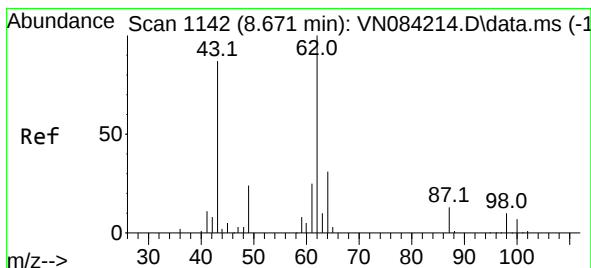
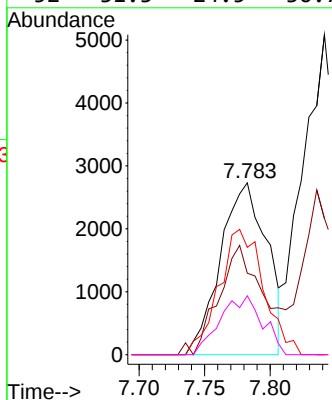
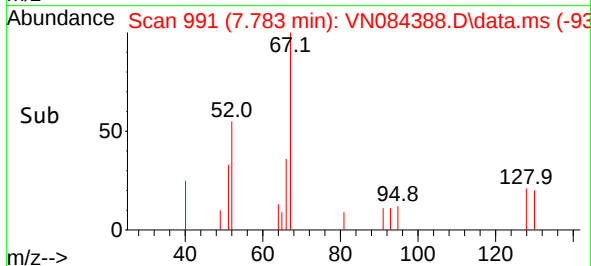
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 41 Resp: 6718
Ion Ratio Lower Upper
41 100
39 63.0 43.3 64.9
67 70.1 56.1 84.1
52 31.3 24.5 36.7

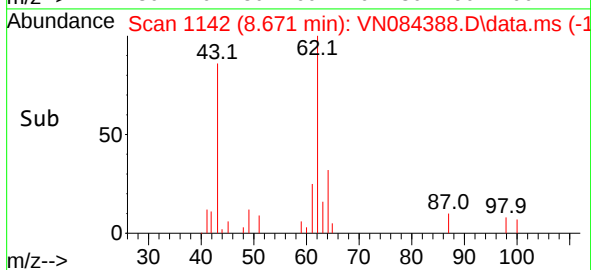
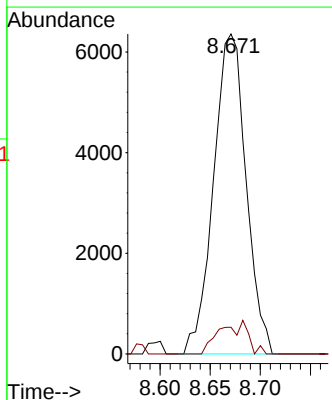
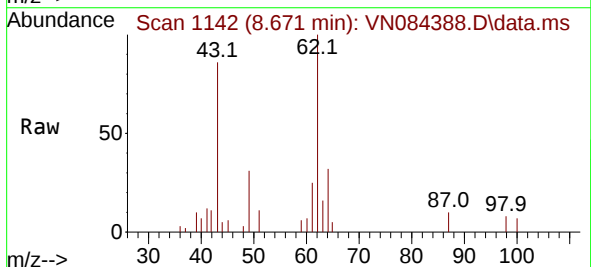
Manual Integrations
APPROVED

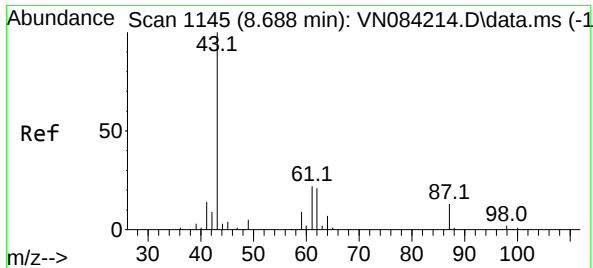
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#42
1,2-Dichloroethane
Concen: 5.139 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Tgt Ion: 62 Resp: 14350
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.2





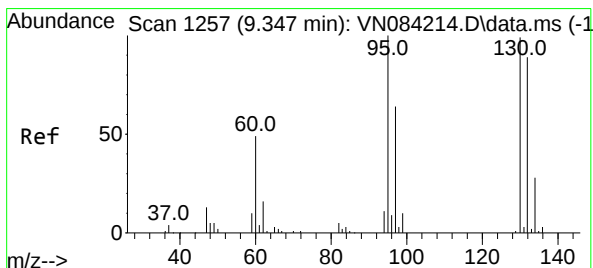
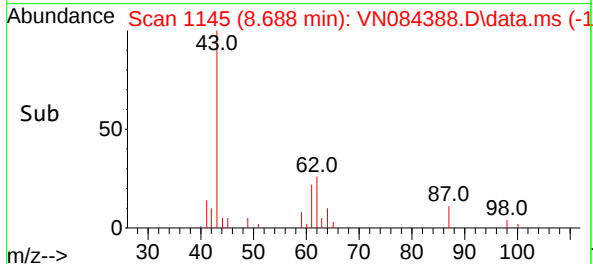
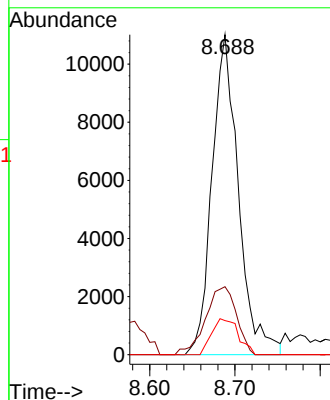
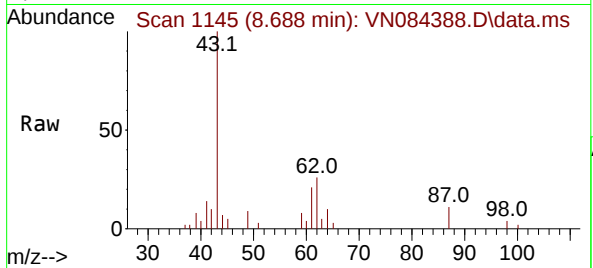
#43
Isopropyl Acetate
Concen: 4.463 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion: 43 Resp: 23709
Ion Ratio Lower Upper
43 100
61 24.8 20.4 30.6
87 11.3 10.3 15.5

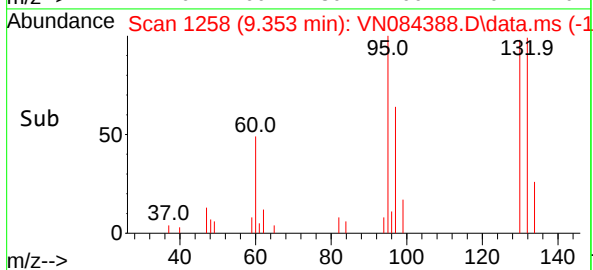
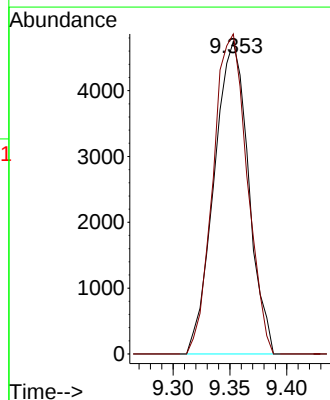
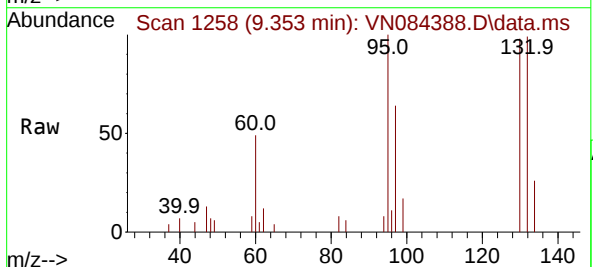
Manual Integrations
APPROVED

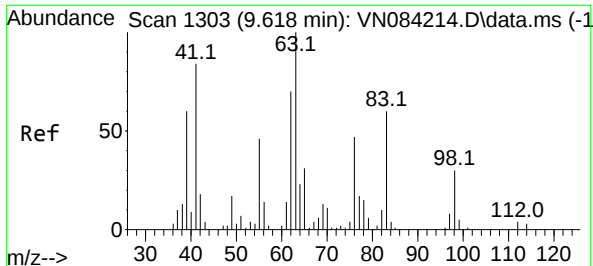
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#44
Trichloroethene
Concen: 5.195 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Tgt Ion:130 Resp: 9994
Ion Ratio Lower Upper
130 100
95 102.4 0.0 203.0





#45

1,2-Dichloropropane

Concen: 5.425 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN084388.D

Acq: 10 Oct 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2024

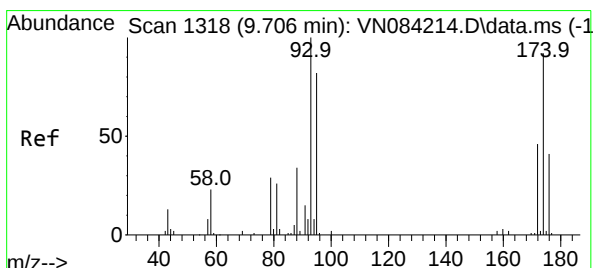
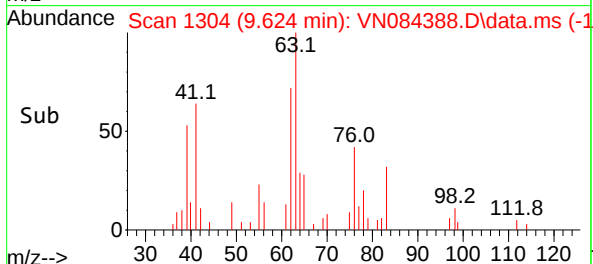
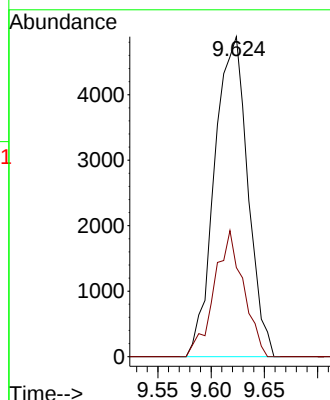
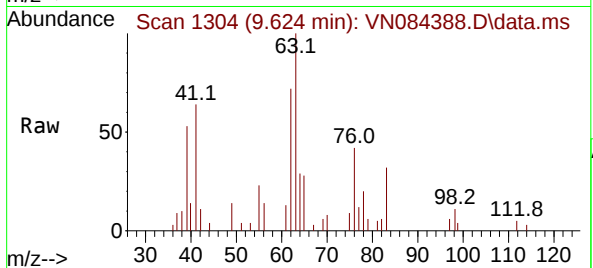
Tgt Ion: 63 Resp: 1057
 Ion Ratio Lower Upper
 63 100
 65 27.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#46

Dibromomethane

Concen: 5.366 ug/l

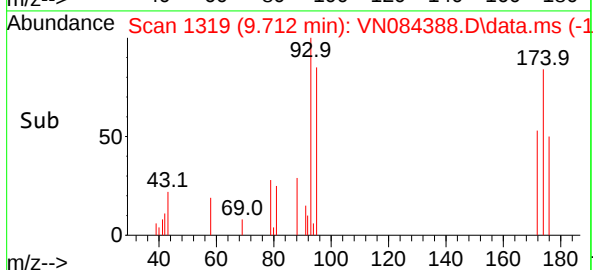
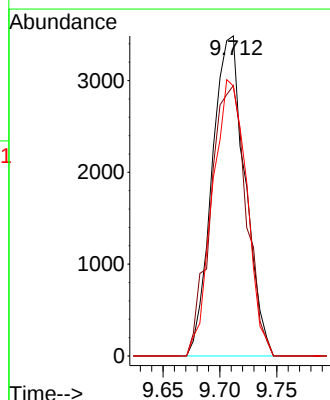
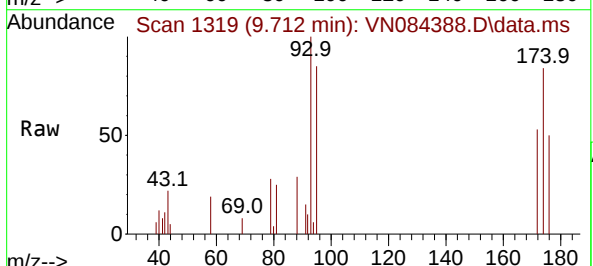
RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN084388.D

Acq: 10 Oct 2024 15:16

Tgt Ion: 93 Resp: 7056
 Ion Ratio Lower Upper
 93 100
 95 91.3 65.0 97.4
 174 89.0 71.8 107.8





#47

Bromodichloromethane

Concen: 5.459 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN084388.D

Acq: 10 Oct 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2024

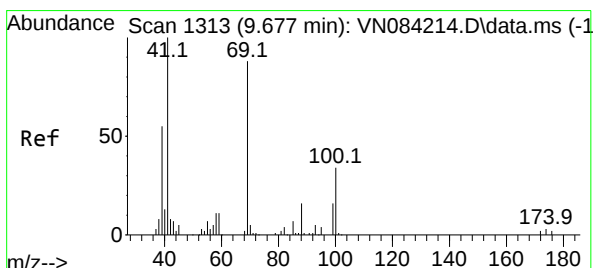
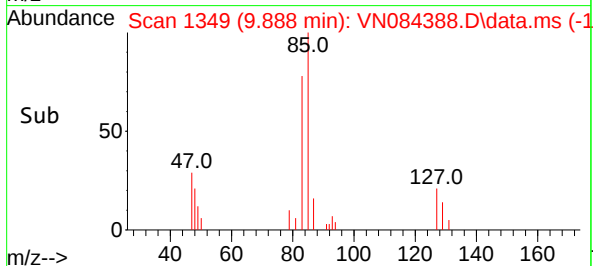
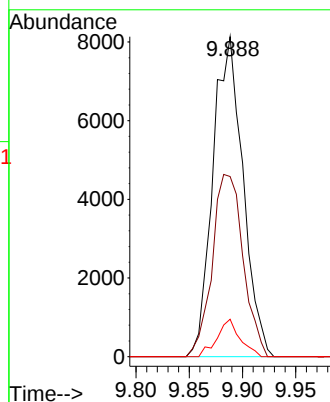
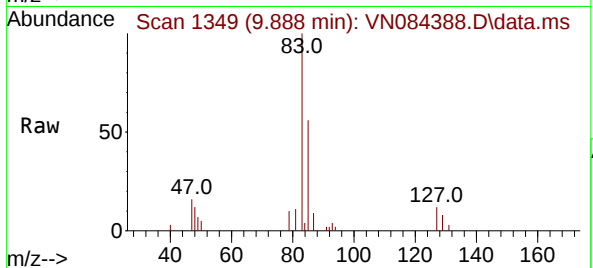
Tgt Ion: 83	Resp: 1594
Ion Ratio	Lower Upper
83 100	
85 56.3	51.5 77.3
127 11.7	5.7 8.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#48

Methyl methacrylate

Concen: 4.373 ug/l

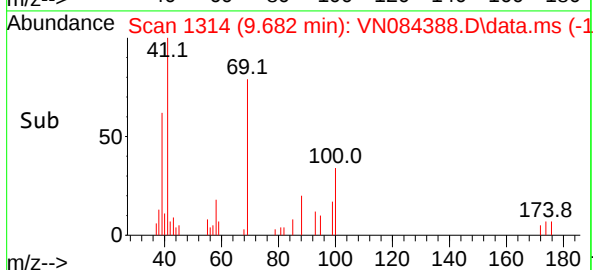
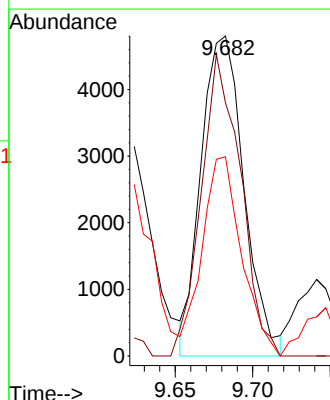
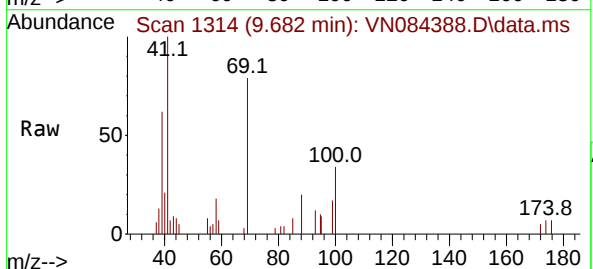
RT: 9.682 min Scan# 1314

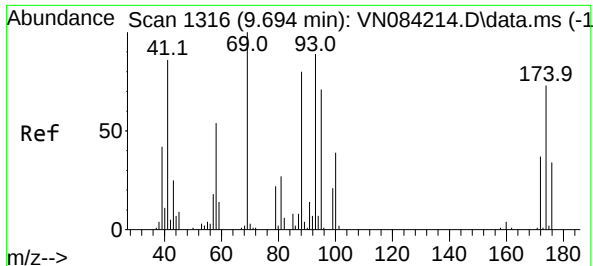
Delta R.T. 0.006 min

Lab File: VN084388.D

Acq: 10 Oct 2024 15:16

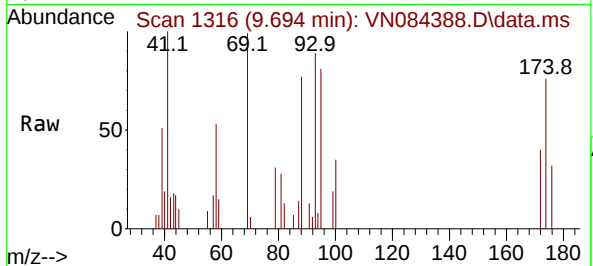
Tgt Ion: 41	Resp: 9248
Ion Ratio	Lower Upper
41 100	
69 86.3	67.1 100.7
39 57.0	45.8 68.6





#49
1,4-Dioxane
Concen: 90.235 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

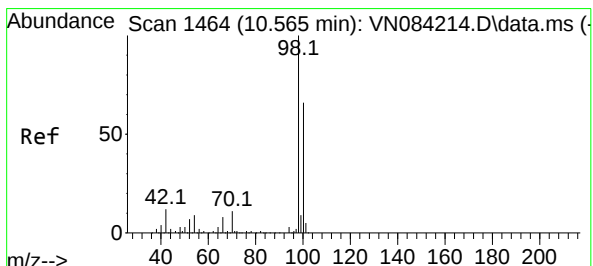
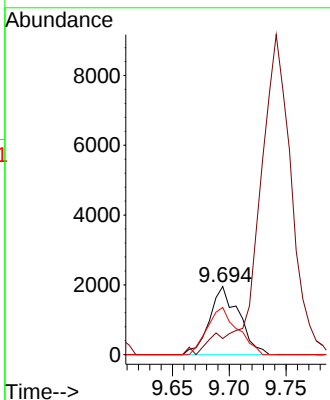
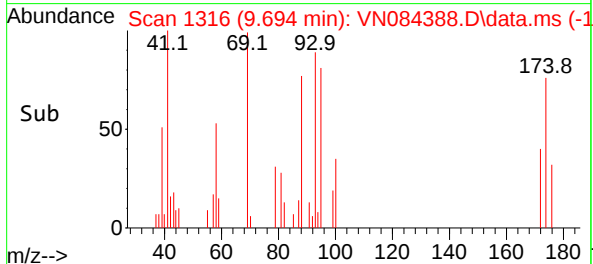
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 88 Resp: 351
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9
58 71.1 56.4 84.6

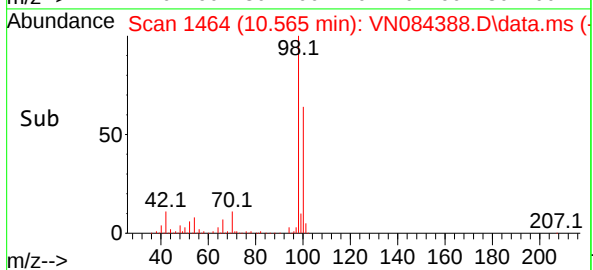
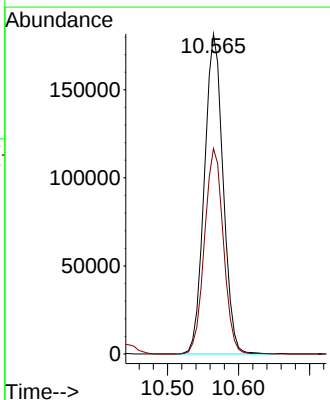
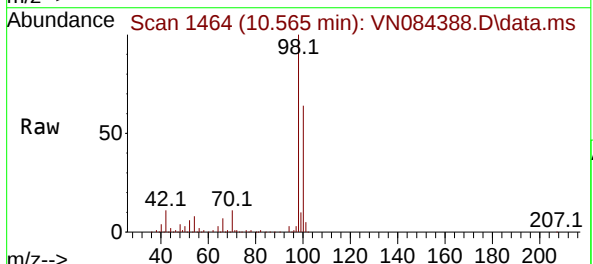
Manual Integrations
APPROVED

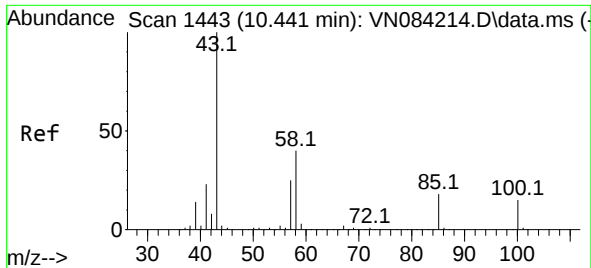
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#50
Toluene-d8
Concen: 49.592 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Tgt Ion: 98 Resp: 332069
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1





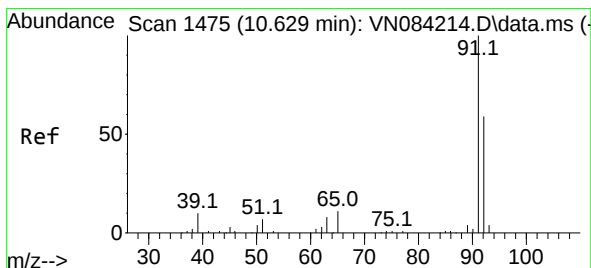
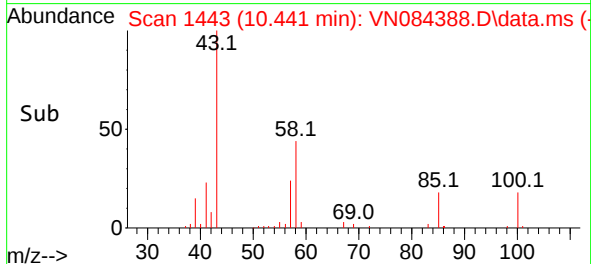
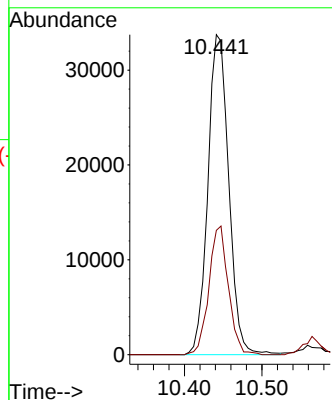
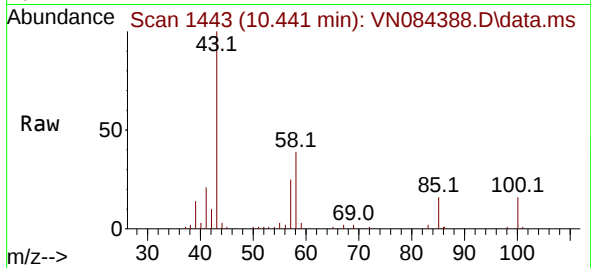
#51
4-Methyl-2-Pentanone
Concen: 24.456 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 43 Resp: 6314
Ion Ratio Lower Upper
43 100
58 37.5 31.6 47.4

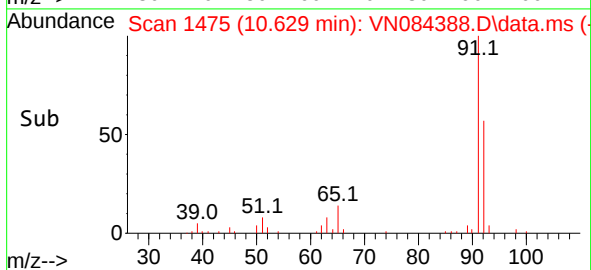
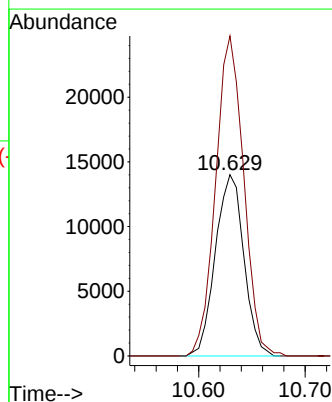
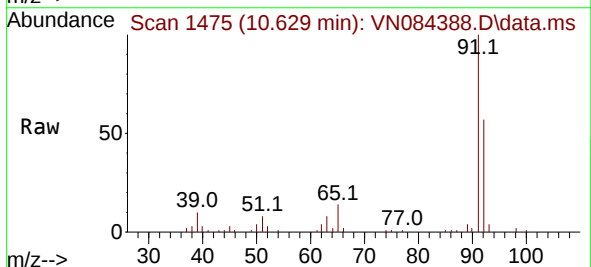
Manual Integrations
APPROVED

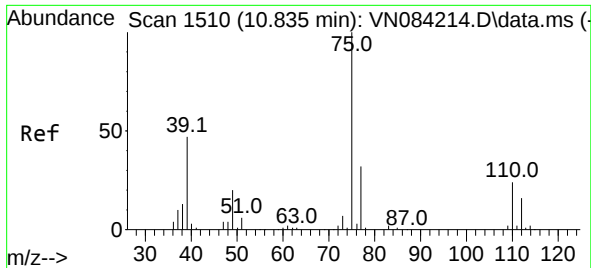
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#52
Toluene
Concen: 5.176 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

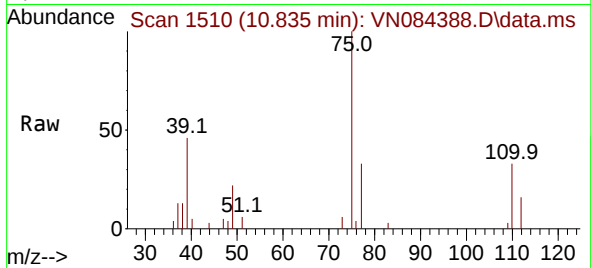
Tgt Ion: 92 Resp: 25996
Ion Ratio Lower Upper
92 100
91 173.9 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 4.485 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

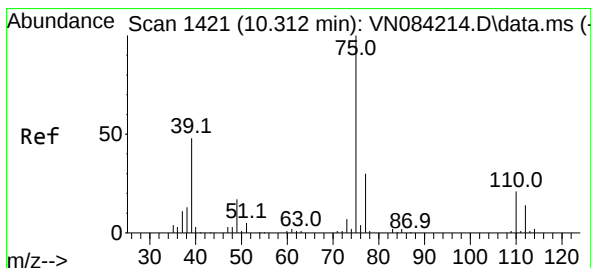
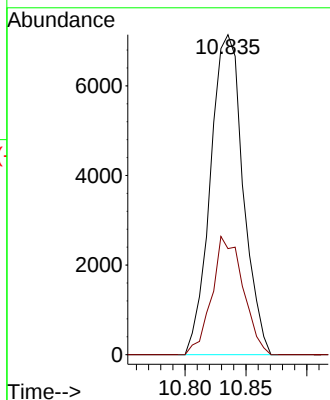
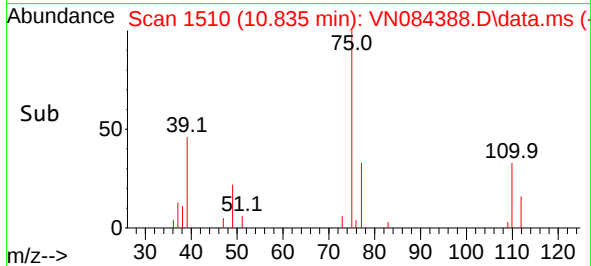
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 75 Resp: 1335
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.0

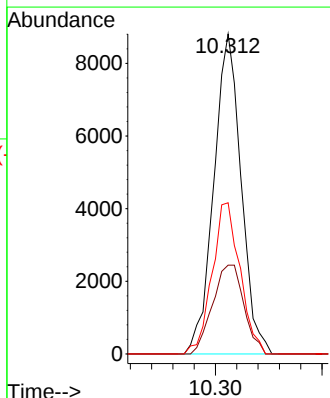
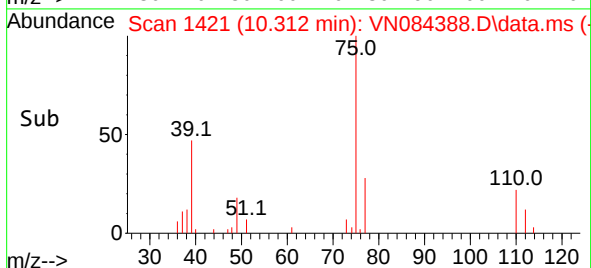
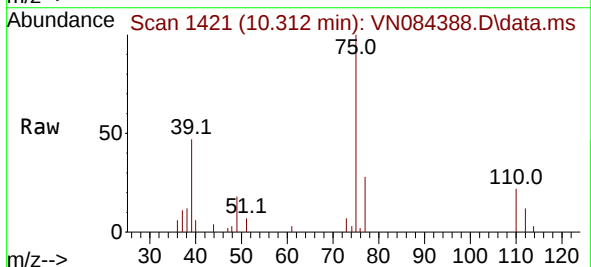
Manual Integrations
APPROVED

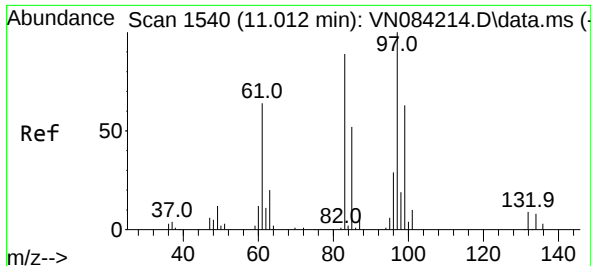
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#54
cis-1,3-Dichloropropene
Concen: 4.888 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

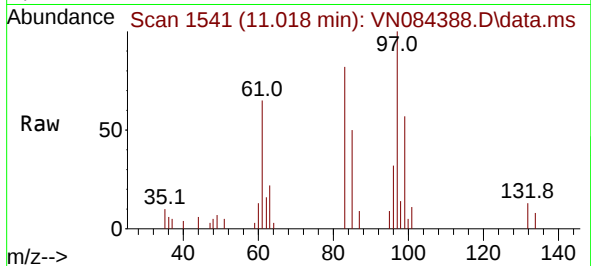
Tgt Ion: 75 Resp: 15656
Ion Ratio Lower Upper
75 100
77 27.7 24.2 36.2
39 47.3 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 5.564 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

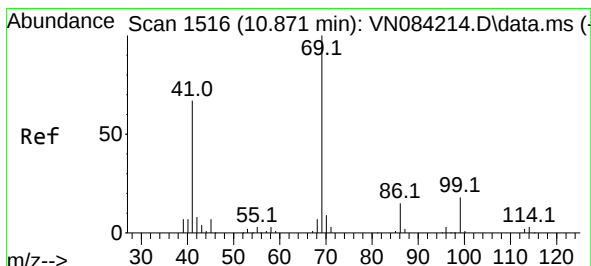
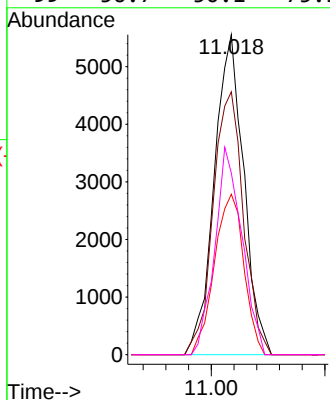
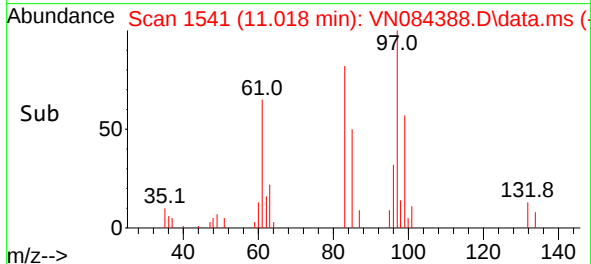


Tgt Ion: 97 Resp: 10018

Ion	Ratio	Lower	Upper
97	100		
83	82.2	71.0	106.4
85	50.1	41.7	62.5
99	56.7	50.1	75.1

Manual Integrations
APPROVED

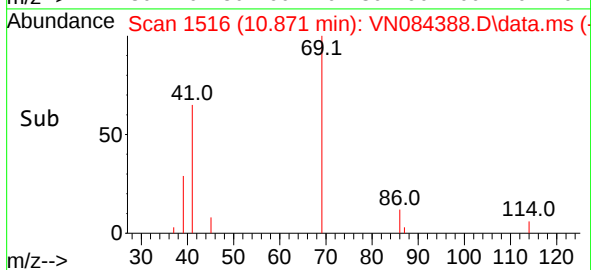
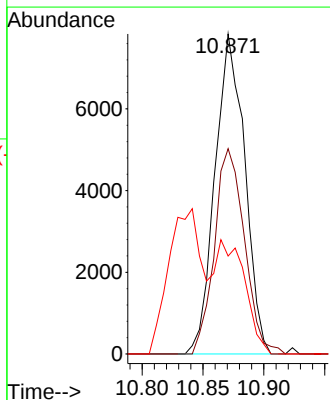
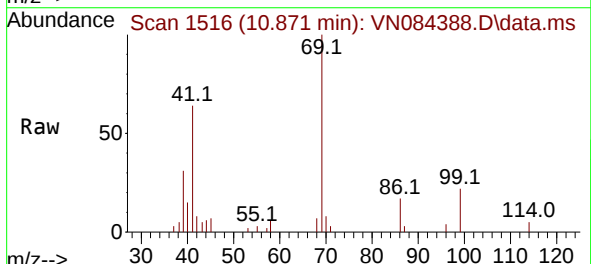
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#56
Ethyl methacrylate
Concen: 4.489 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Tgt Ion: 69 Resp: 13299

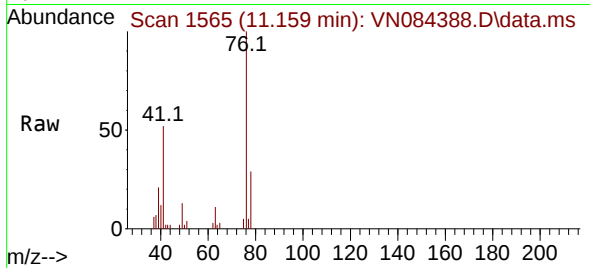
Ion	Ratio	Lower	Upper
69	100		
41	64.9	53.3	79.9
39	36.8	28.8	43.2





#57
1,3-Dichloropropane
Concen: 5.130 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

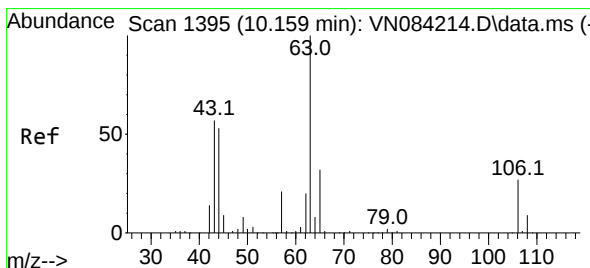
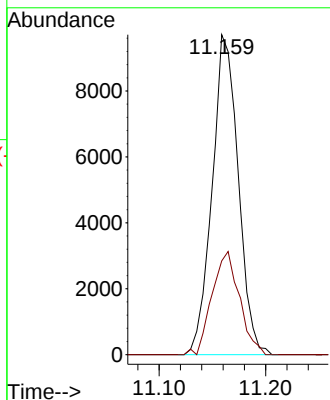
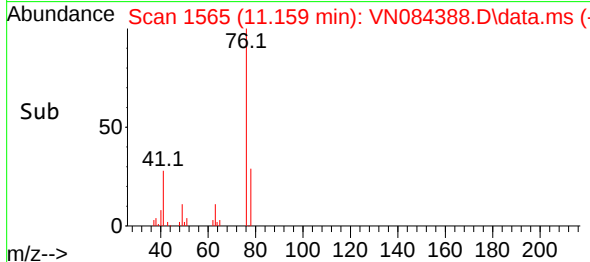
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 76 Resp: 16500
Ion Ratio Lower Upper
76 100
78 33.9 25.8 38.6

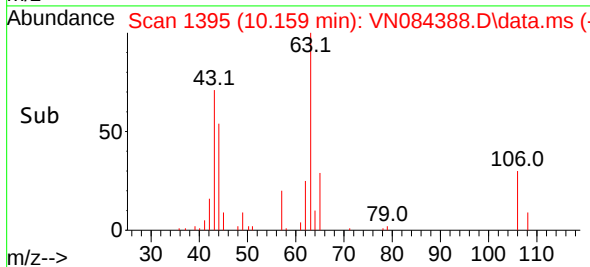
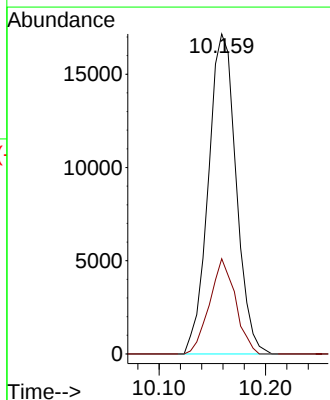
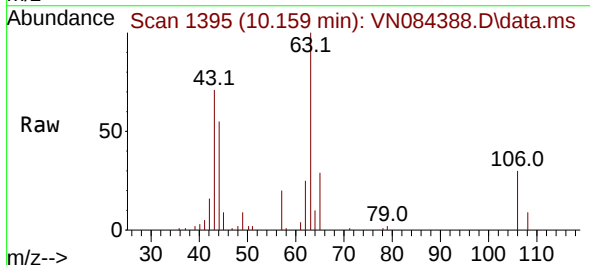
Manual Integrations
APPROVED

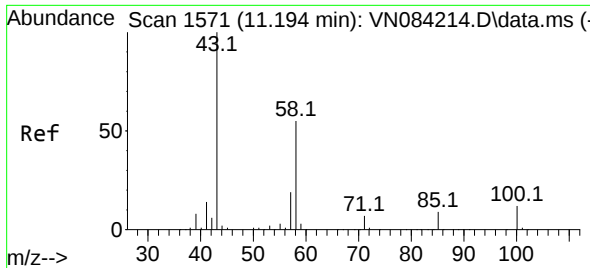
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#58
2-Chloroethyl Vinyl ether
Concen: 22.608 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

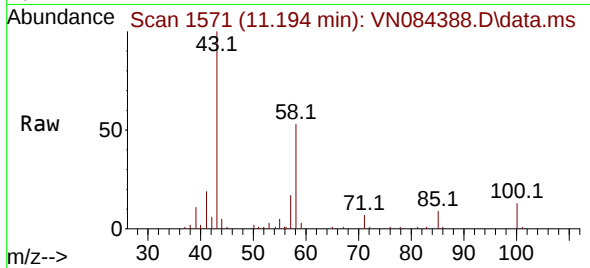
Tgt Ion: 63 Resp: 31073
Ion Ratio Lower Upper
63 100
106 27.7 21.8 32.6





#59
2-Hexanone
Concen: 24.649 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

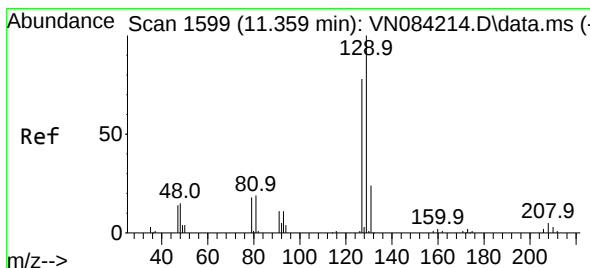
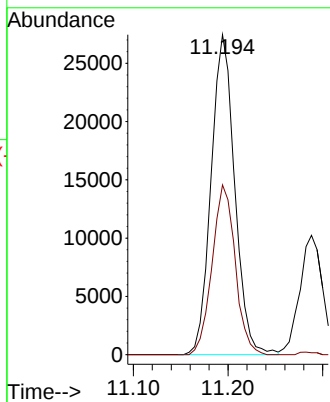
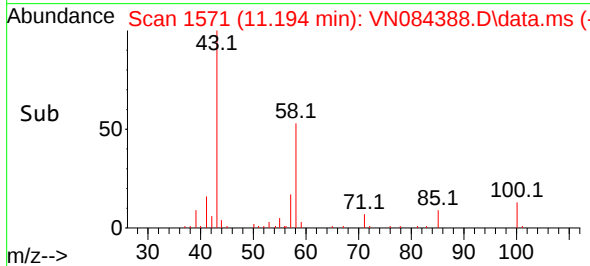
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 43 Resp: 4756
Ion Ratio Lower Upper
43 100
58 51.9 27.3 81.8

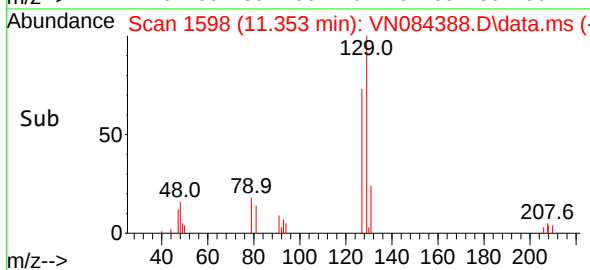
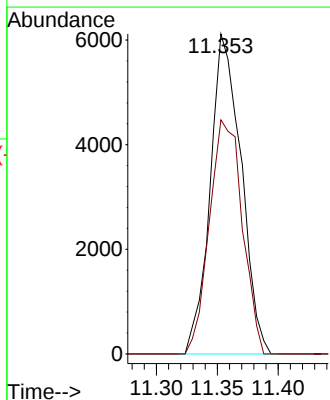
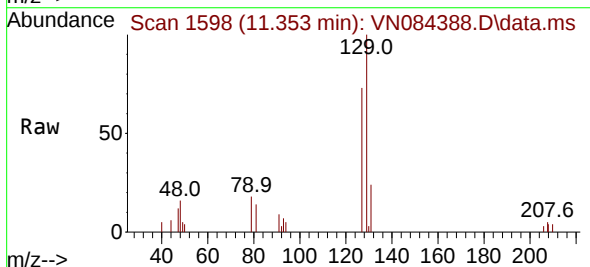
Manual Integrations
APPROVED

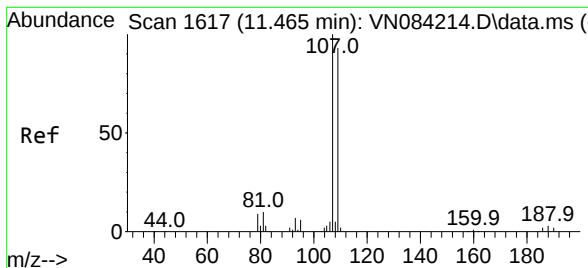
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#60
Dibromochloromethane
Concen: 5.079 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Tgt Ion:129 Resp: 10806
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.9





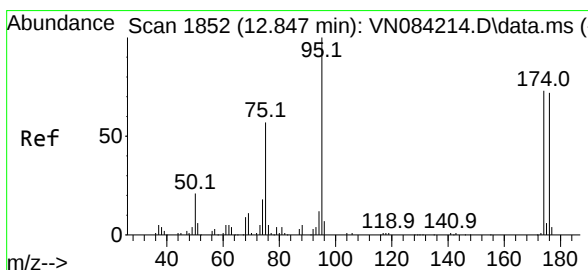
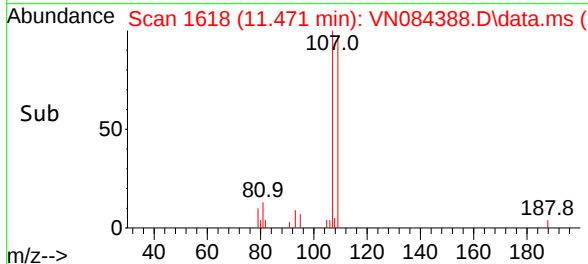
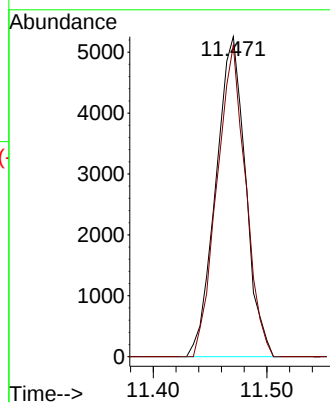
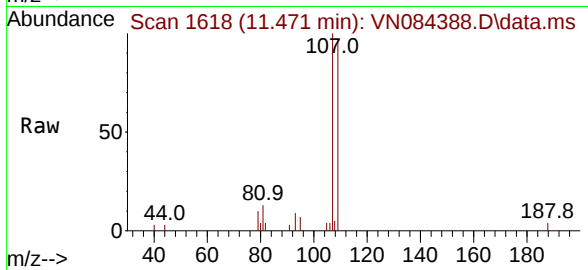
#61
1,2-Dibromoethane
Concen: 5.098 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:107 Resp: 9538
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.0

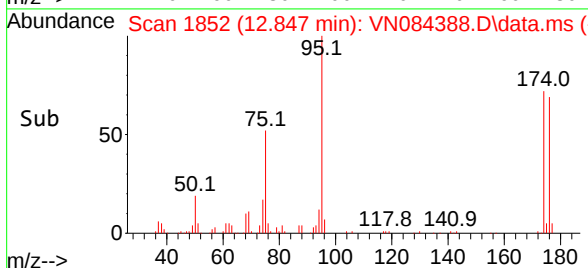
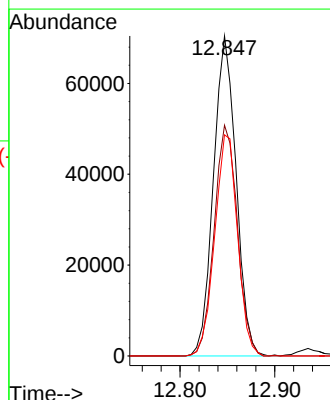
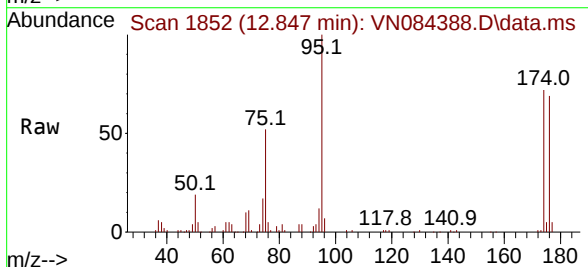
Manual Integrations
APPROVED

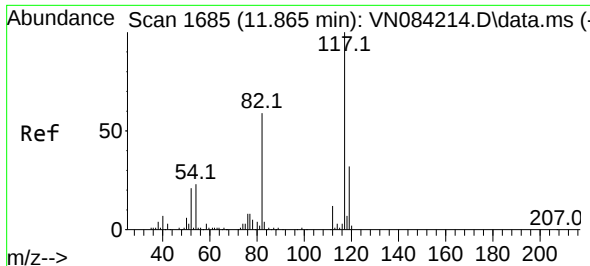
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#62
4-Bromofluorobenzene
Concen: 48.047 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

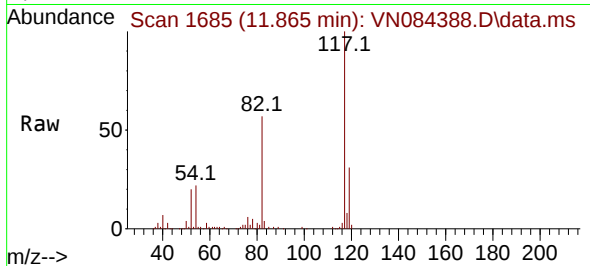
Tgt Ion: 95 Resp: 117208
Ion Ratio Lower Upper
95 100
174 73.9 0.0 145.2
176 69.7 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

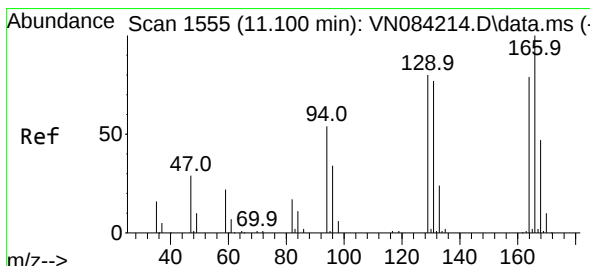
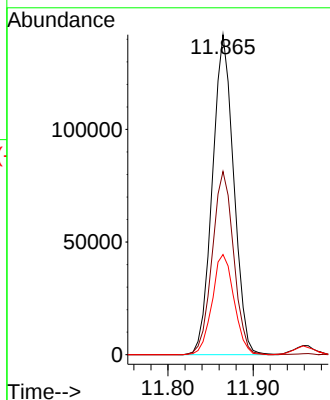
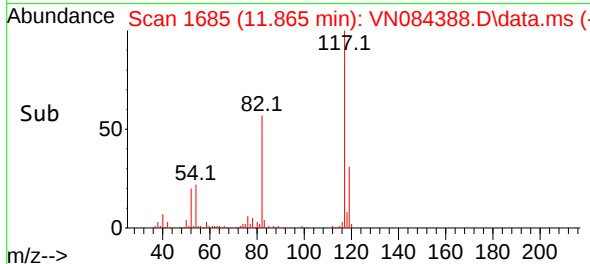
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



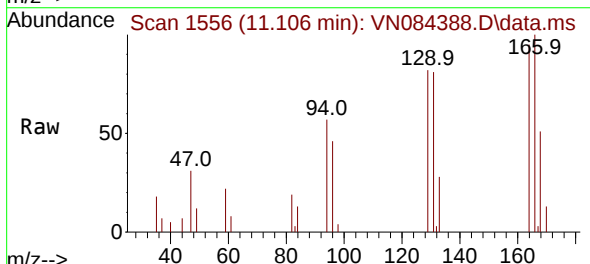
Tgt Ion:117 Resp: 24683
Ion Ratio Lower Upper
117 100
82 57.3 47.2 70.8
119 31.3 25.4 38.0

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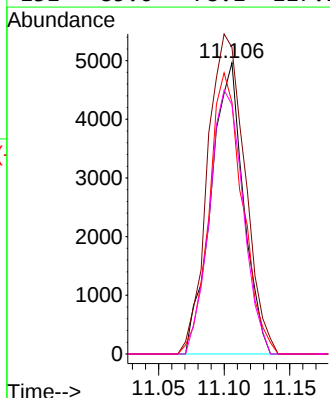
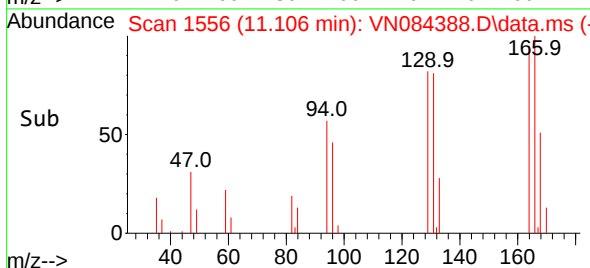
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

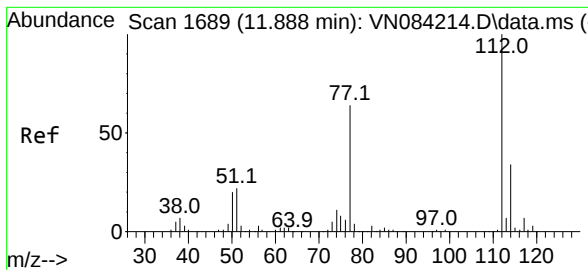


#64
Tetrachloroethene
Concen: 4.959 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16



Tgt Ion:164 Resp: 8526
Ion Ratio Lower Upper
164 100
166 105.2 101.0 151.4
129 86.4 80.8 121.2
131 85.6 78.1 117.1





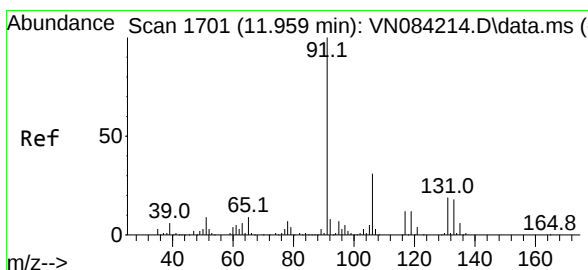
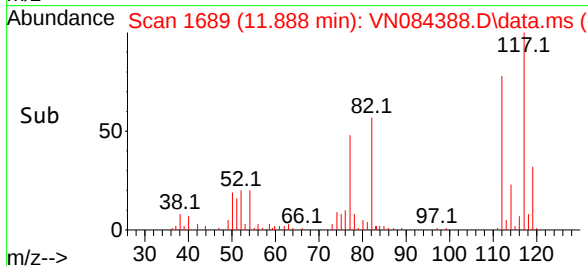
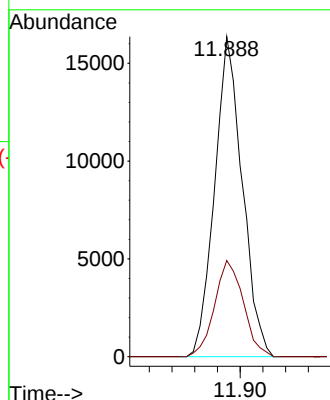
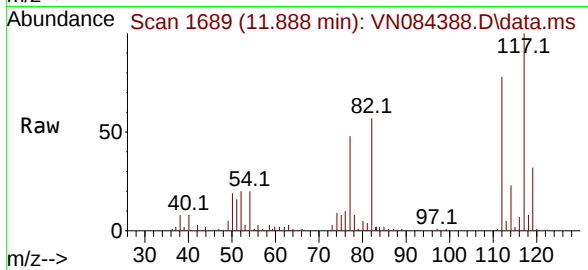
#65
Chlorobenzene
Concen: 5.049 ug/l
RT: 11.888 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion:112 Resp: 27634
Ion Ratio Lower Upper
112 100
114 30.0 27.0 40.6

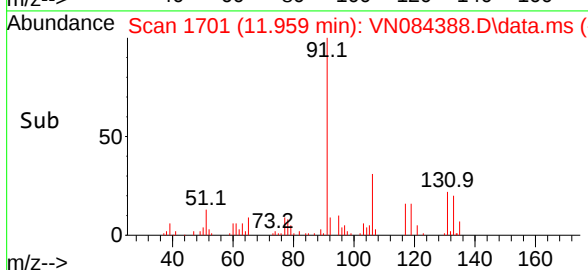
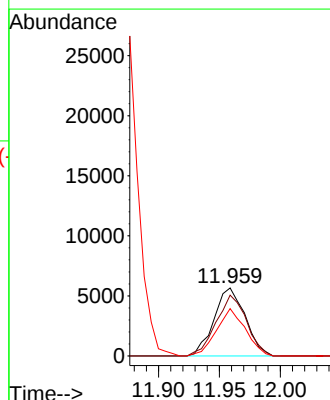
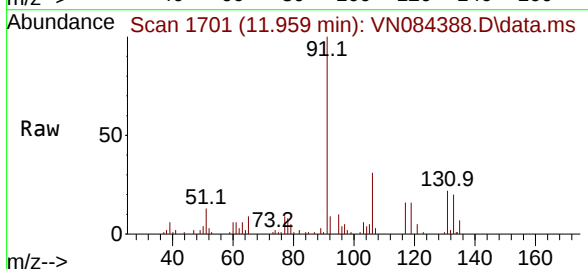
Manual Integrations
APPROVED

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



#66
1,1,1,2-Tetrachloroethane
Concen: 5.349 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Tgt Ion:131 Resp: 10083
Ion Ratio Lower Upper
131 100
133 87.5 47.9 143.7
119 64.6 32.8 98.3





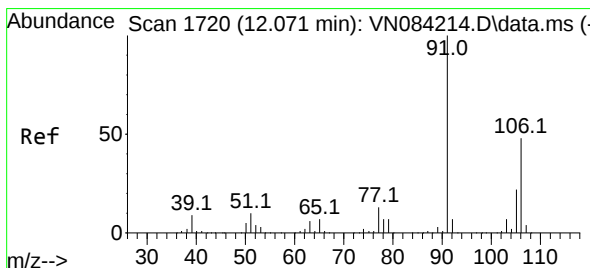
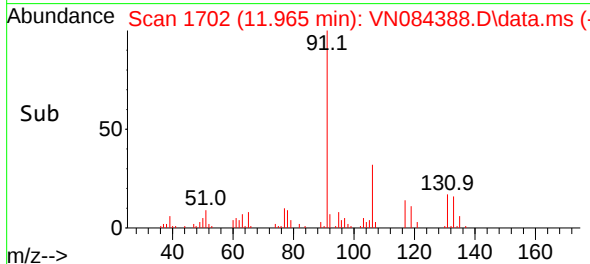
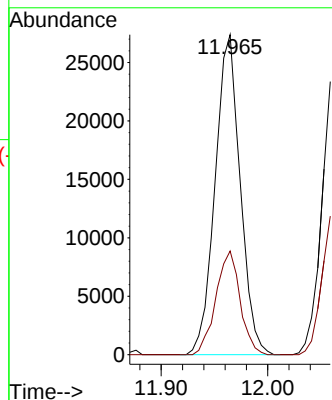
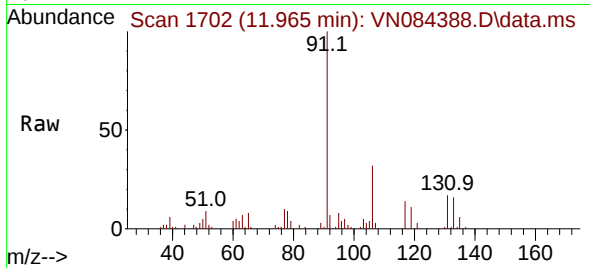
#67
Ethyl Benzene
Concen: 4.618 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 91 Resp: 44698
Ion Ratio Lower Upper
91 100
106 32.4 24.5 36.7

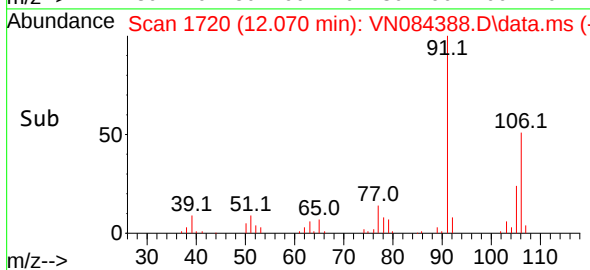
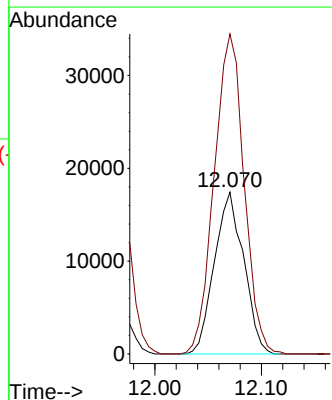
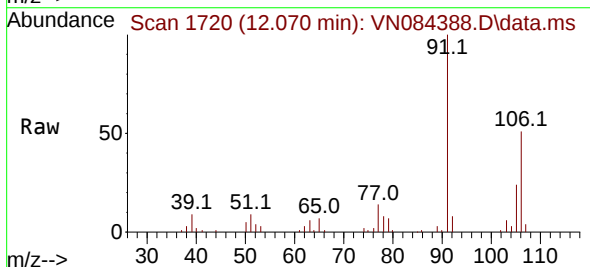
Manual Integrations
APPROVED

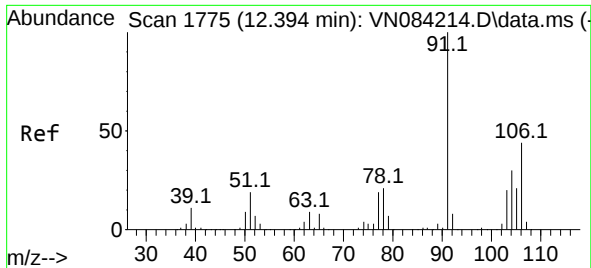
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#68
m/p-Xylenes
Concen: 9.294 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Tgt Ion:106 Resp: 33275
Ion Ratio Lower Upper
106 100
91 201.8 167.1 250.7





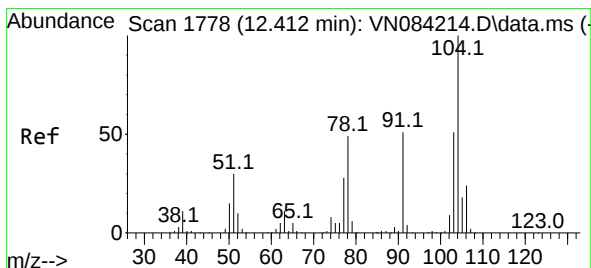
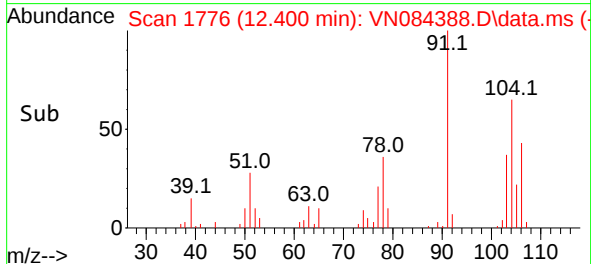
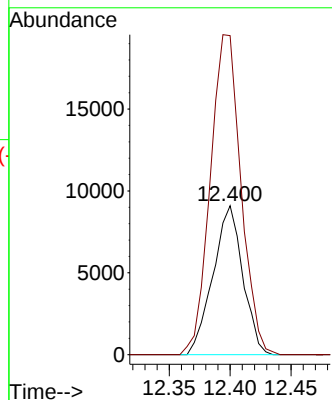
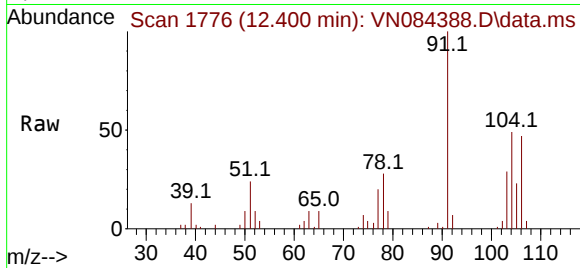
#69
o-Xylene
Concen: 4.567 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:106 Resp: 1547
Ion Ratio Lower Upper
106 100
91 221.3 110.2 330.6

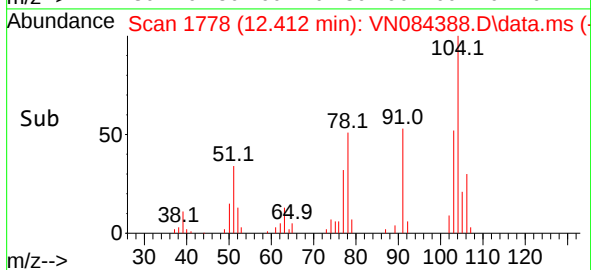
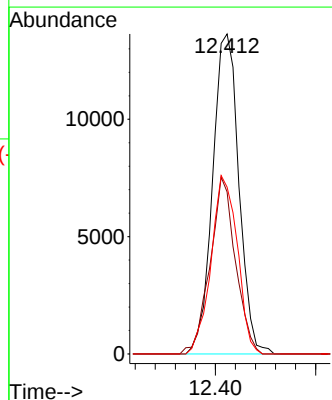
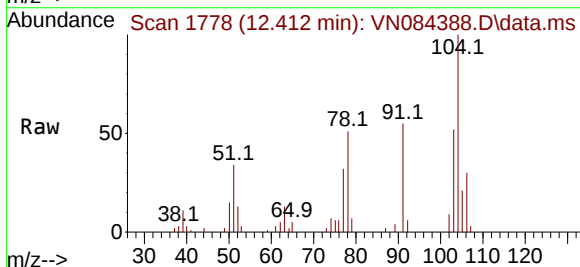
Manual Integrations
APPROVED

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



#70
Styrene
Concen: 4.323 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

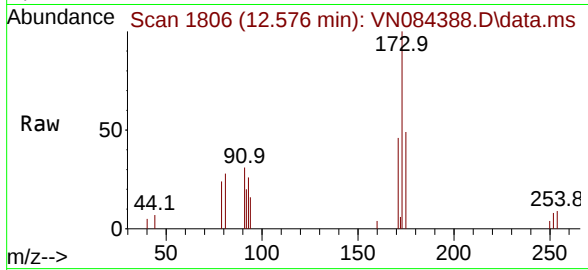
Tgt Ion:104 Resp: 24806
Ion Ratio Lower Upper
104 100
78 53.4 42.7 64.1
103 55.7 43.6 65.4





#71
Bromoform
Concen: 5.299 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

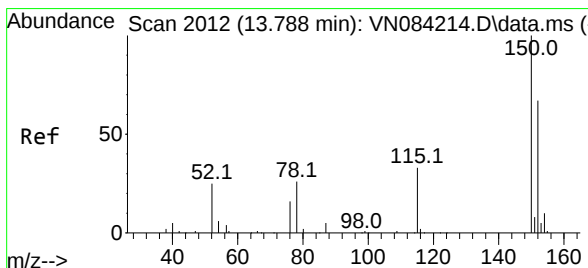
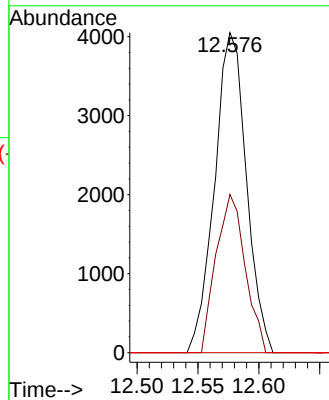
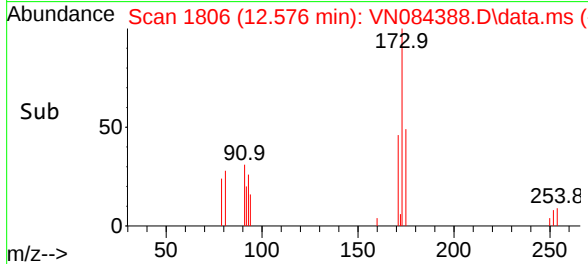
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



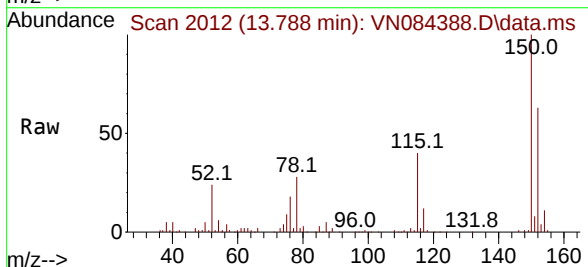
Tgt Ion:173 Resp: 735
Ion Ratio Lower Upper
173 100
175 45.2 23.5 70.6
254 0.0 0.0 0.0

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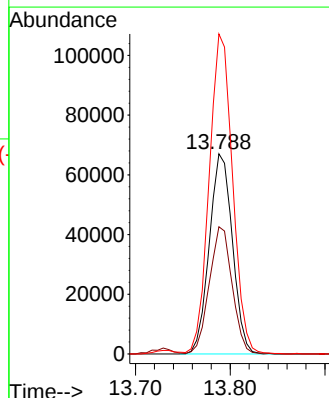
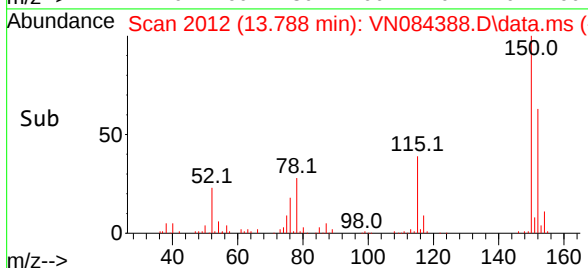
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

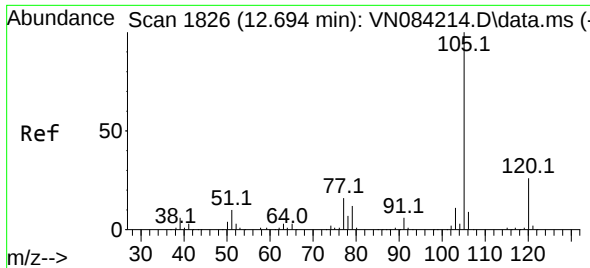


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16



Tgt Ion:152 Resp: 113813
Ion Ratio Lower Upper
152 100
115 62.6 31.3 93.9
150 161.4 0.0 349.8





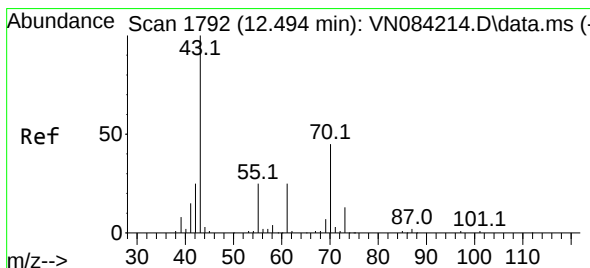
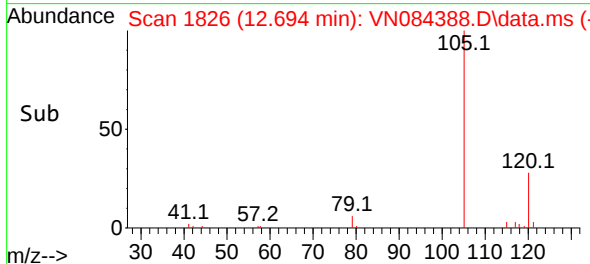
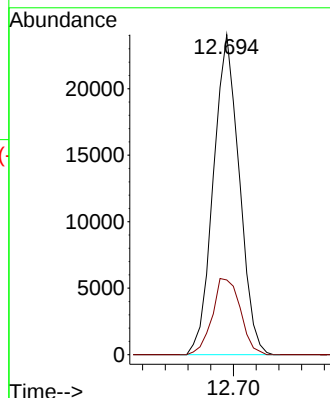
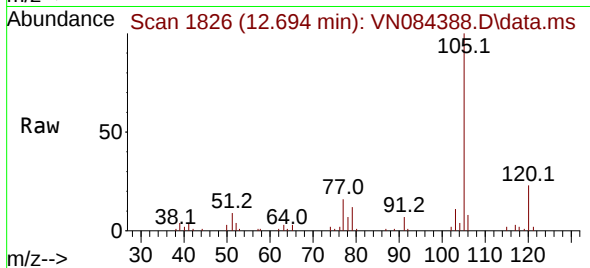
#73
Isopropylbenzene
Concen: 4.383 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:105 Resp: 3806
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7

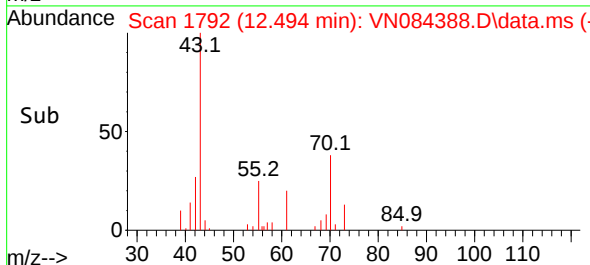
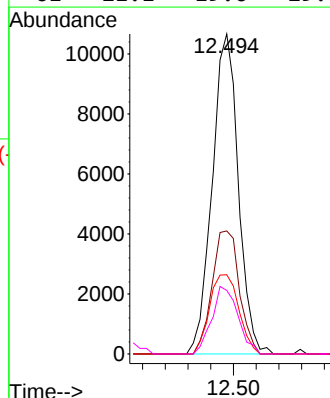
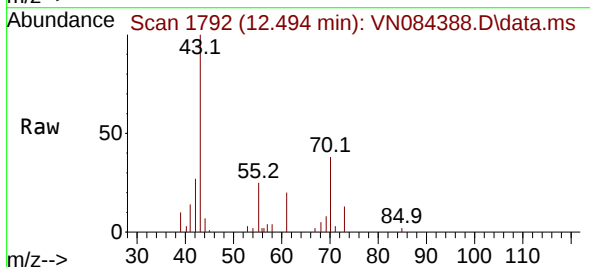
Manual Integrations
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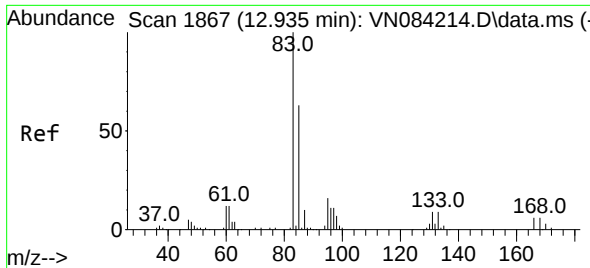
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#74
N-ethyl acetate
Concen: 4.328 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

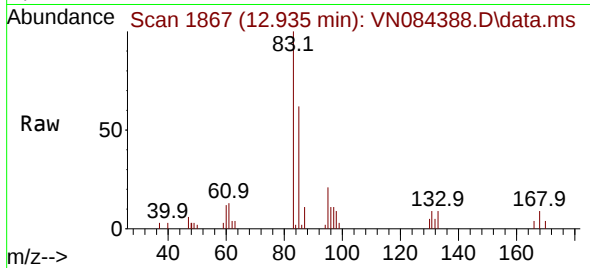
Tgt Ion: 43 Resp: 17023
Ion Ratio Lower Upper
43 100
70 40.2 34.4 51.6
55 27.7 19.6 29.4
61 21.1 19.6 29.4





#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.321 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN084388.D
 Acq: 10 Oct 2024 15:16

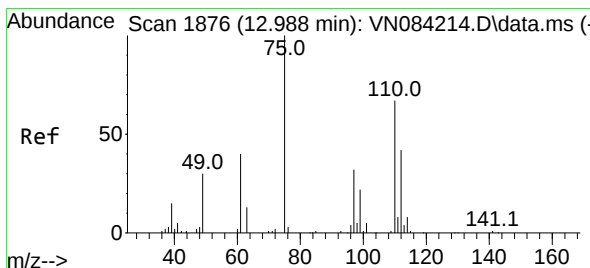
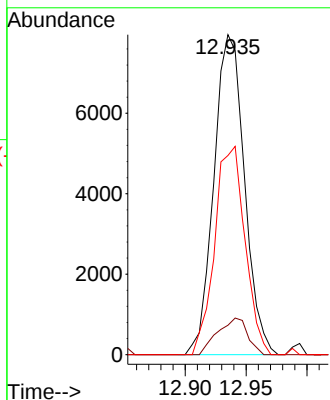
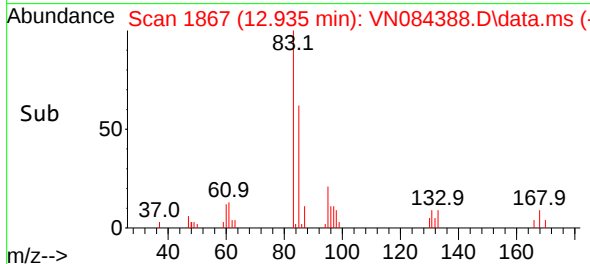
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 83 Resp: 13890
 Ion Ratio Lower Upper
 83 100
 131 11.2 4.9 14.7
 85 64.5 31.9 95.7

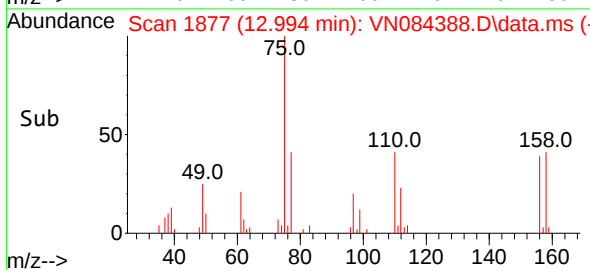
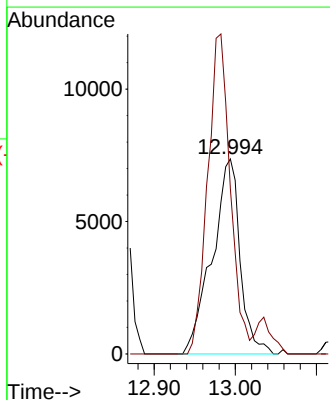
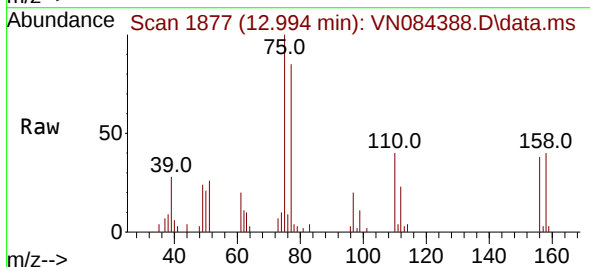
Manual Integrations
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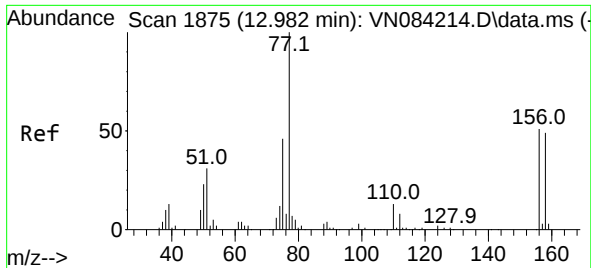
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#76
 1,2,3-Trichloropropane
 Concen: 7.582 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN084388.D
 Acq: 10 Oct 2024 15:16

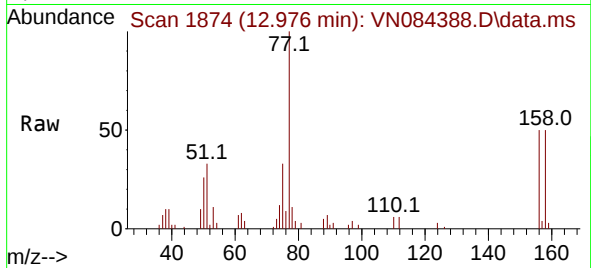
Tgt Ion: 75 Resp: 17616
 Ion Ratio Lower Upper
 75 100
 77 133.2 96.9 290.7





#77
Bromobenzene
Concen: 5.079 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

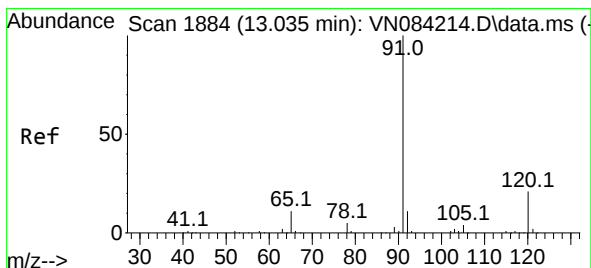
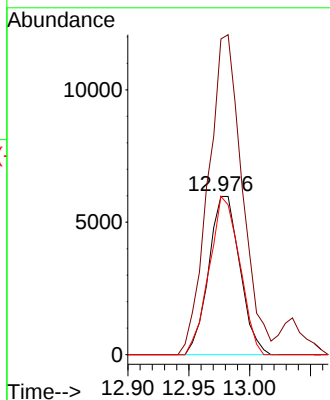
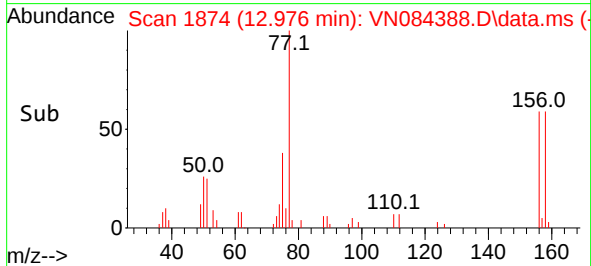
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



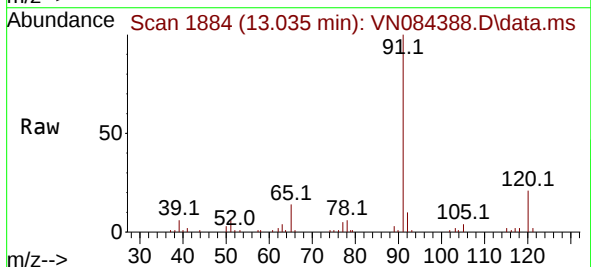
Tgt Ion:156 Resp: 10640
Ion Ratio Lower Upper
156 100
77 220.5 115.1 345.3
158 97.6 48.9 146.8

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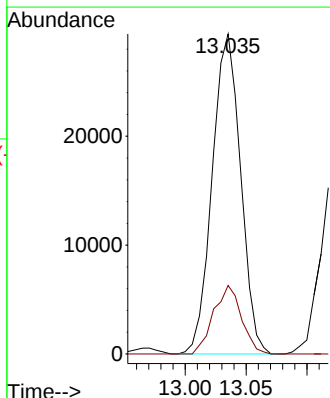
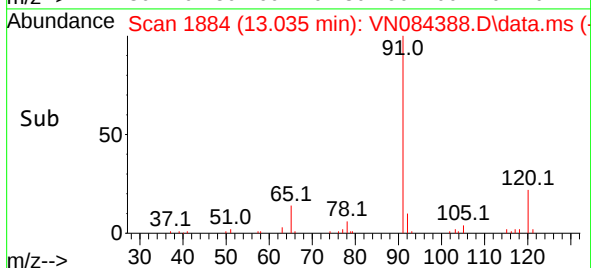
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

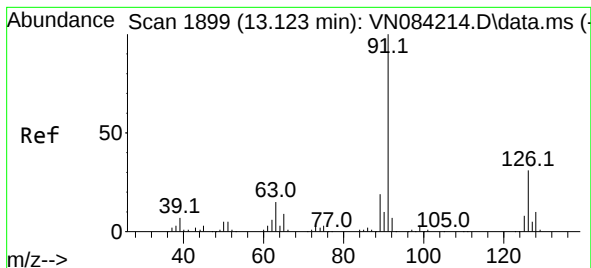


#78
n-propylbenzene
Concen: 4.742 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16



Tgt Ion: 91 Resp: 47719
Ion Ratio Lower Upper
91 100
120 21.0 10.8 32.4





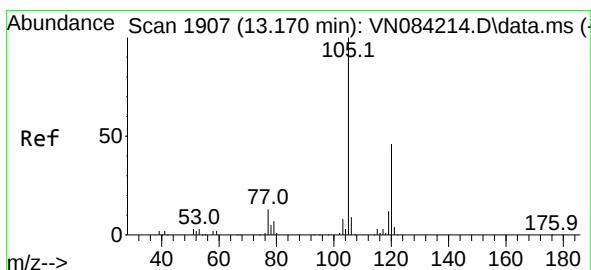
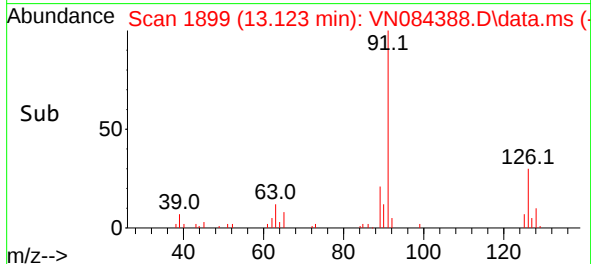
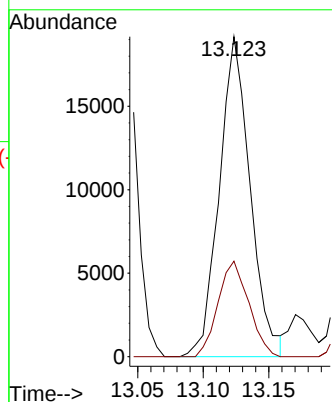
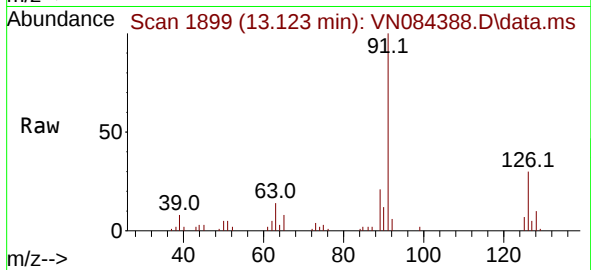
#79
2-Chlorotoluene
Concen: 4.889 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion: 91 Resp: 3139
Ion Ratio Lower Upper
91 100
126 29.7 15.7 47.1

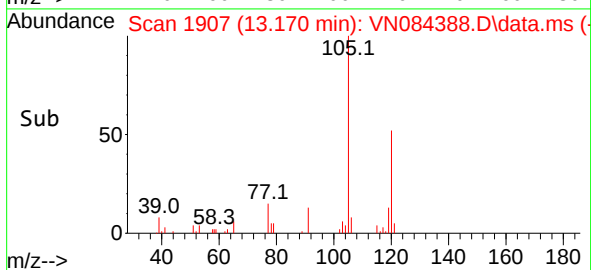
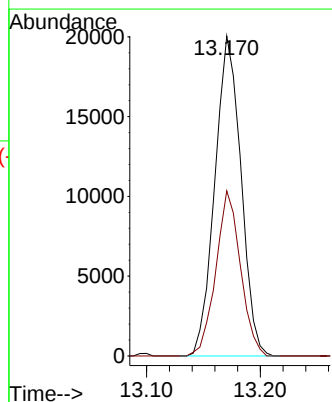
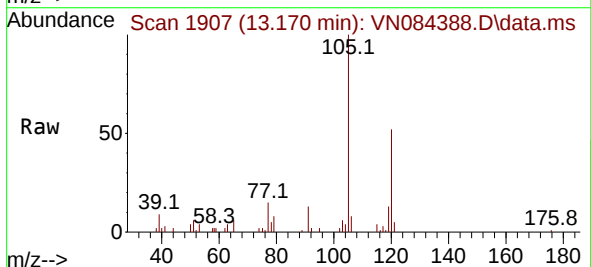
Manual Integrations
APPROVED

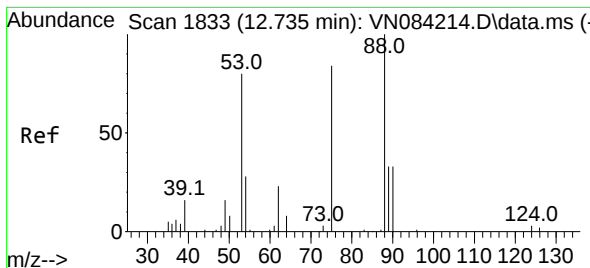
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#80
1,3,5-Trimethylbenzene
Concen: 4.519 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

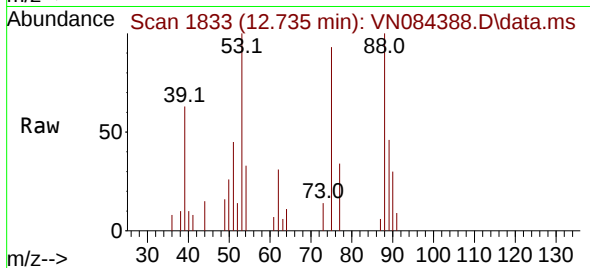
Tgt Ion:105 Resp: 32013
Ion Ratio Lower Upper
105 100
120 48.7 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 4.018 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

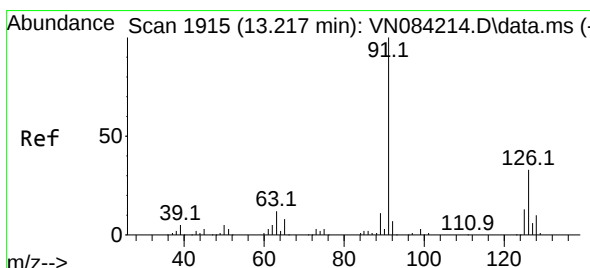
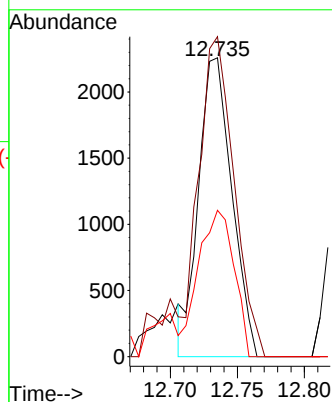
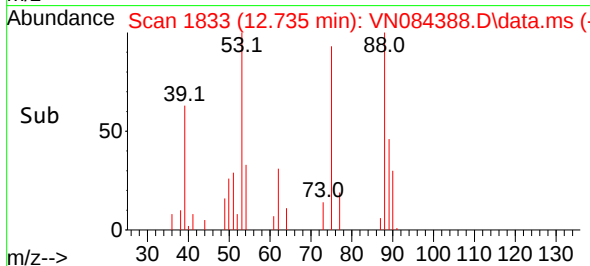
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 75 Resp: 3894
Ion Ratio Lower Upper
75 100
53 128.0 78.0 117.0
89 52.7 35.5 53.3

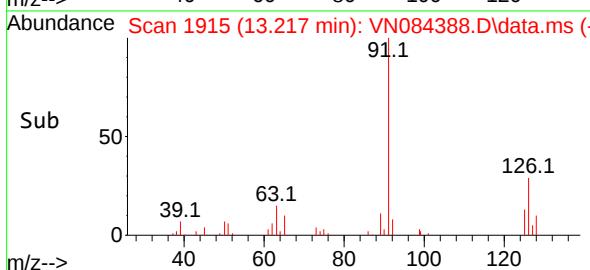
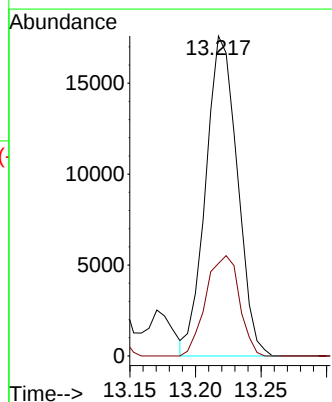
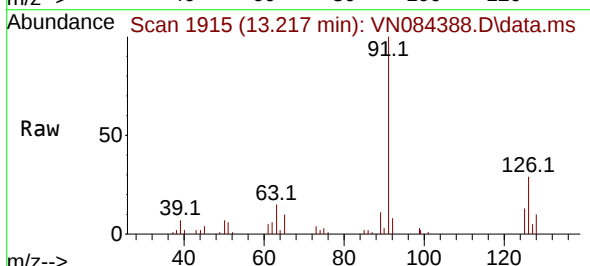
Manual Integrations
APPROVED

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



#82
4-Chlorotoluene
Concen: 4.565 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

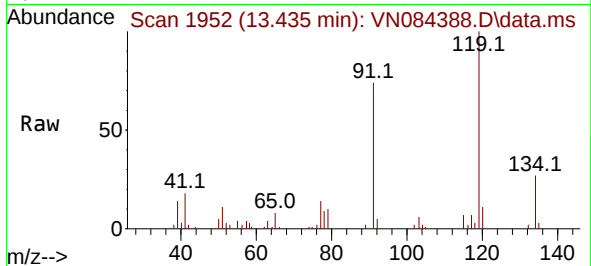
Tgt Ion: 91 Resp: 29506
Ion Ratio Lower Upper
91 100
126 33.1 15.7 47.1





#83
tert-Butylbenzene
Concen: 3.981 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

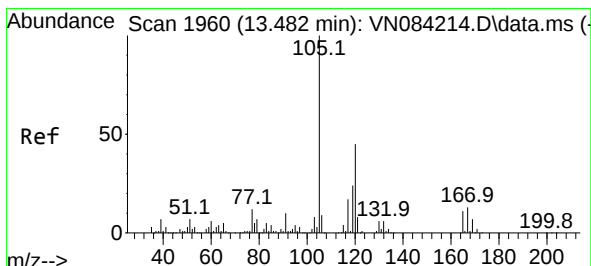
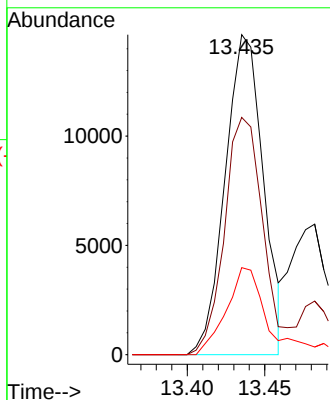
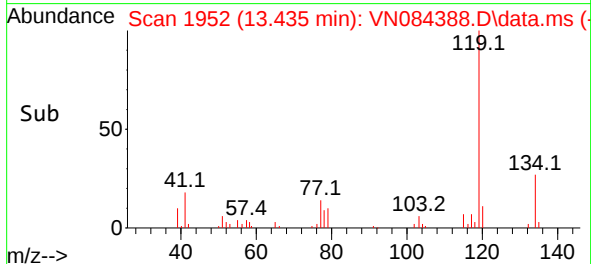
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2024



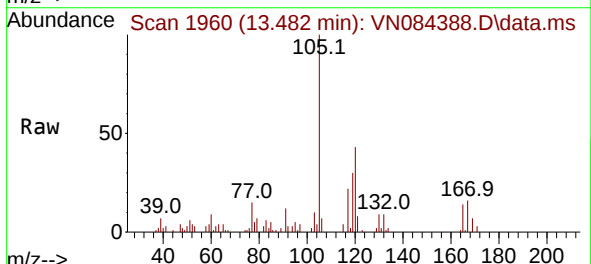
Tgt Ion:119 Resp: 25060
Ion Ratio Lower Upper
119 100
91 74.7 34.1 102.3
134 29.7 12.8 38.4

Manual Integrations
APPROVED

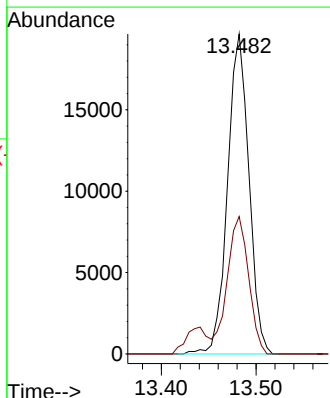
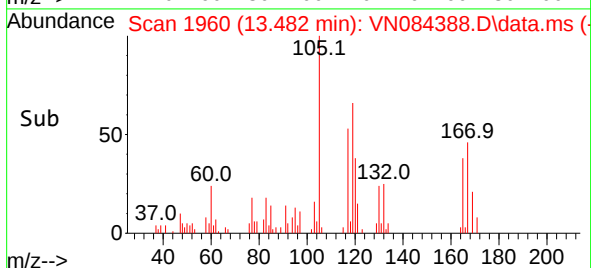
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

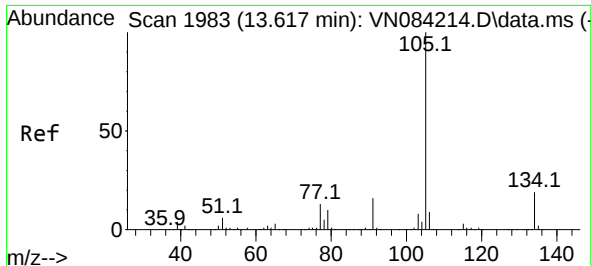


#84
1,2,4-Trimethylbenzene
Concen: 4.314 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16



Tgt Ion:105 Resp: 30788
Ion Ratio Lower Upper
105 100
120 43.0 22.3 66.8





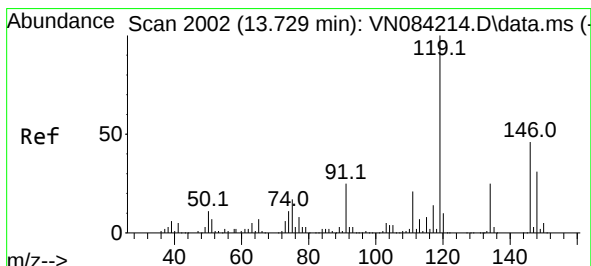
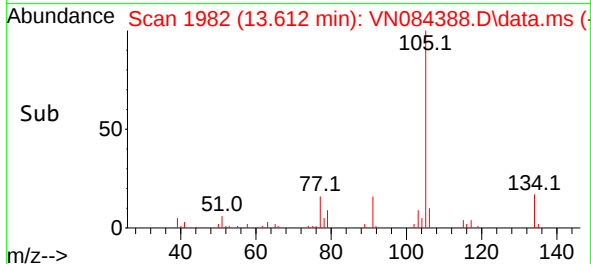
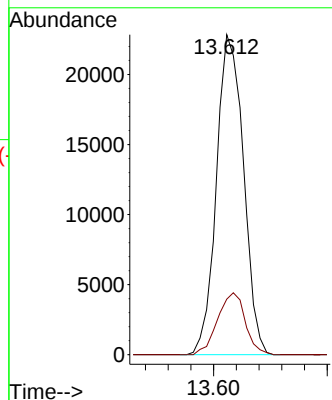
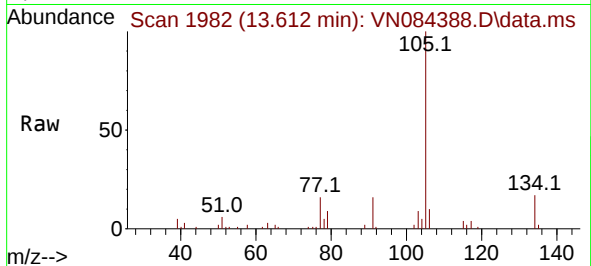
#85
 sec-Butylbenzene
 Concen: 4.494 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN084388.D
 Acq: 10 Oct 2024 15:16

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Tgt Ion:105 Resp: 37762
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

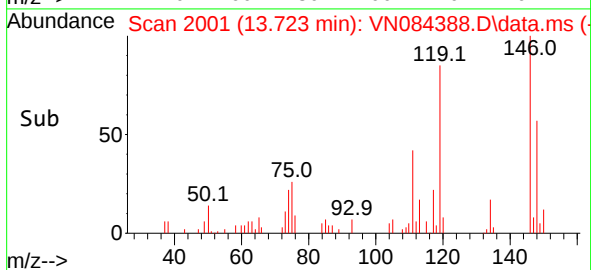
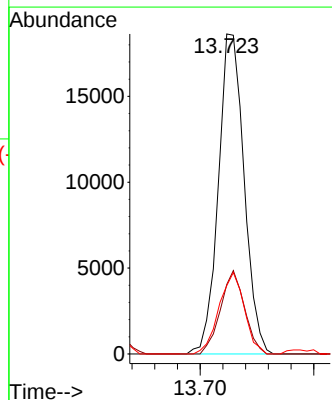
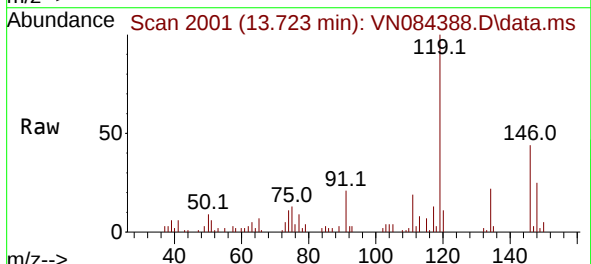
Manual Integrations
 APPROVED

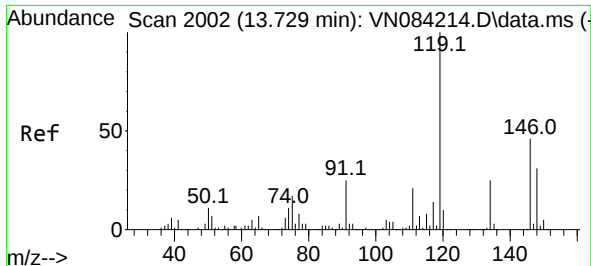
Reviewed By :John Carlone 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#86
 p-Isopropyltoluene
 Concen: 4.227 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN084388.D
 Acq: 10 Oct 2024 15:16

Tgt Ion:119 Resp: 29373
 Ion Ratio Lower Upper
 119 100
 134 24.3 12.6 37.8
 91 25.0 12.4 37.2





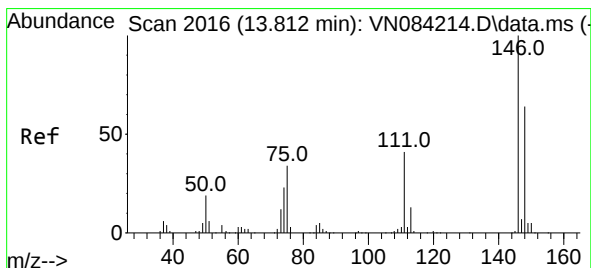
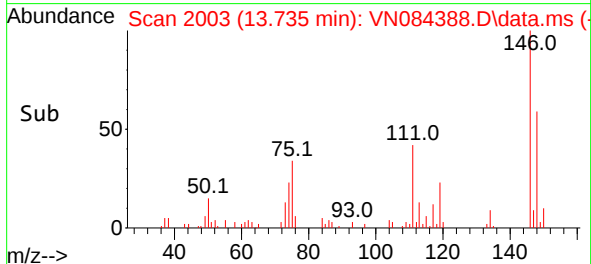
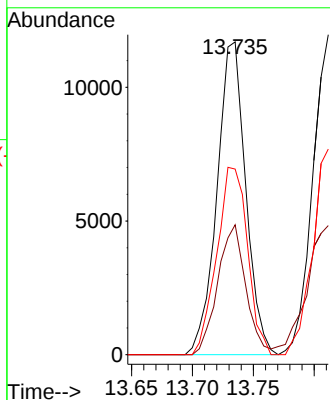
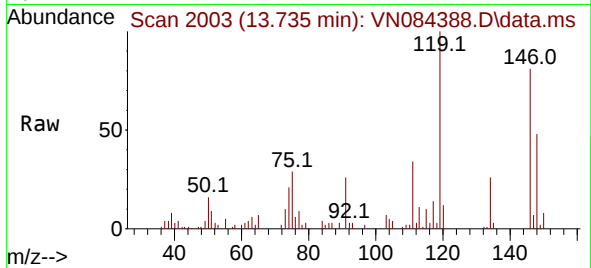
#87
1,3-Dichlorobenzene
Concen: 4.898 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:146 Resp: 1925
Ion Ratio Lower Upper
146 100
111 40.5 21.8 65.3
148 63.9 31.9 95.7

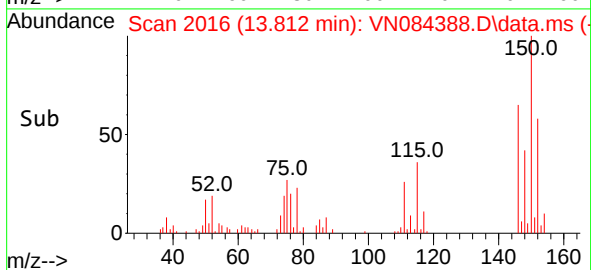
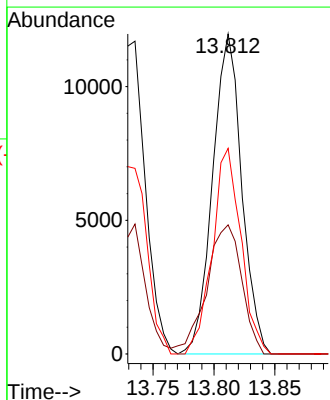
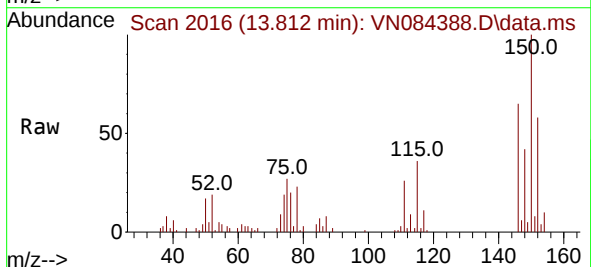
Manual Integrations
APPROVED

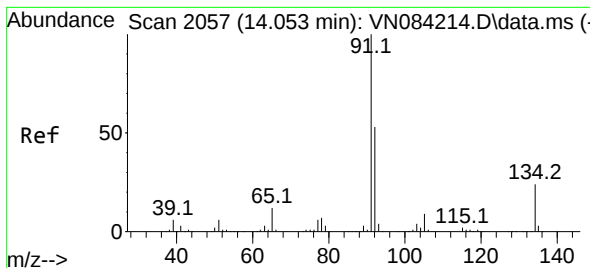
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#88
1,4-Dichlorobenzene
Concen: 5.014 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

Tgt Ion:146 Resp: 19900
Ion Ratio Lower Upper
146 100
111 48.7 21.2 63.6
148 63.1 31.9 95.9





#89

n-Butylbenzene

Concen: 4.111 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084388.D

Acq: 10 Oct 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2024

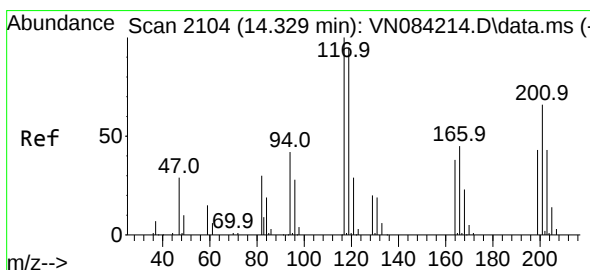
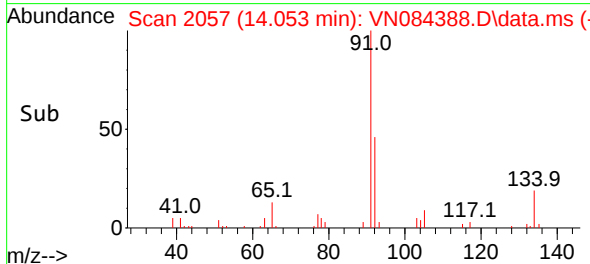
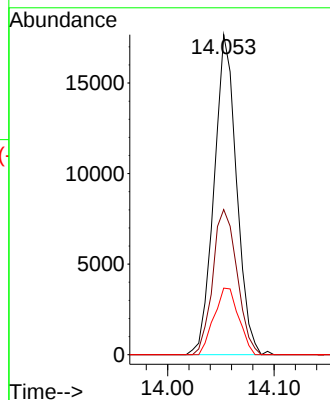
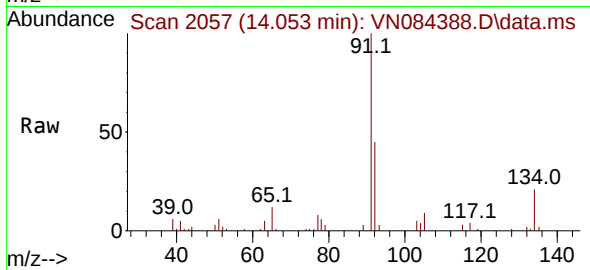
Tgt Ion: 91	Resp: 2589
Ion Ratio	Lower Upper
91 100	
92 49.1	26.6 79.7
134 22.7	12.3 36.9

Manual Integrations

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Reviewed By :John Carlone 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#90

Hexachloroethane

Concen: 5.008 ug/l

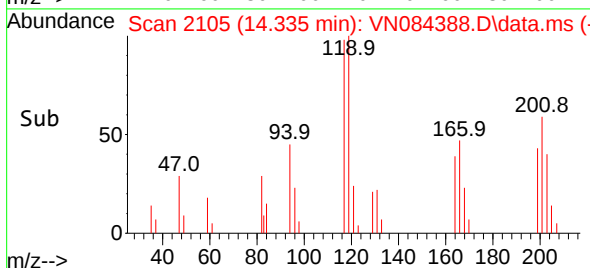
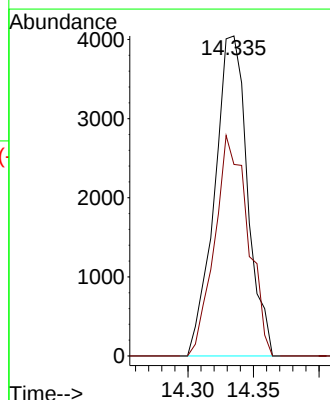
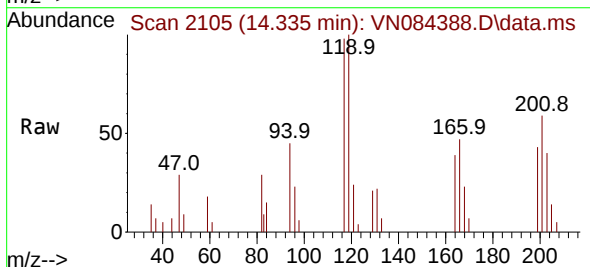
RT: 14.335 min Scan# 2105

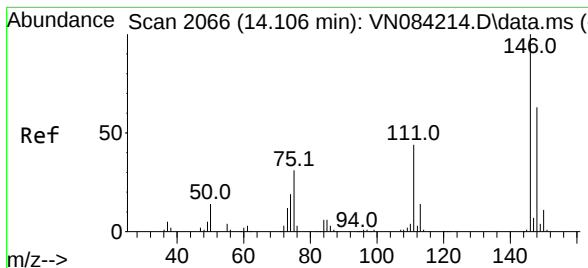
Delta R.T. 0.006 min

Lab File: VN084388.D

Acq: 10 Oct 2024 15:16

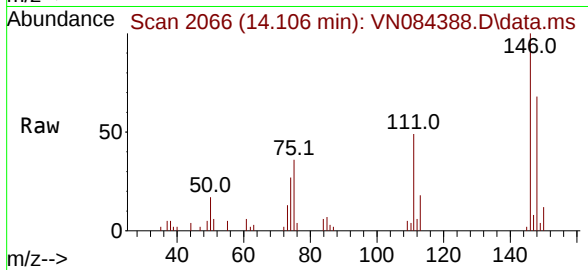
Tgt Ion: 117	Resp: 7063
Ion Ratio	Lower Upper
117 100	
201 69.9	34.4 103.2





#91
1,2-Dichlorobenzene
Concen: 4.611 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

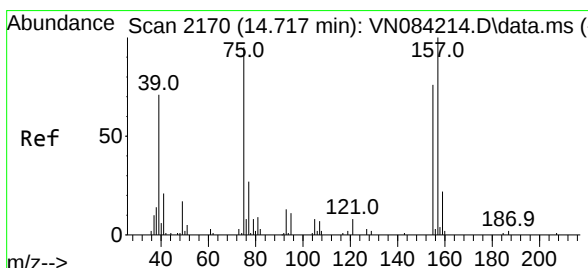
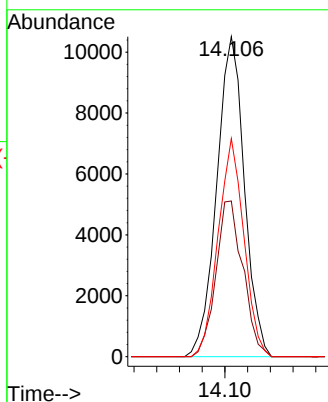
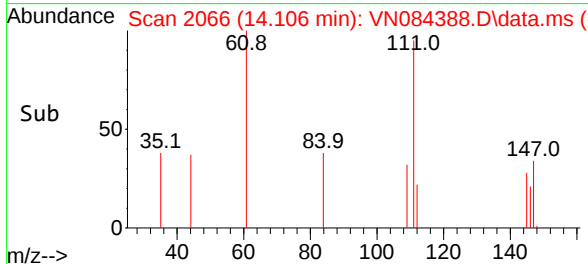
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



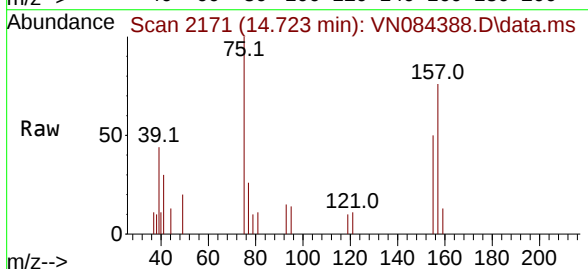
Tgt Ion:146 Resp: 17770
Ion Ratio Lower Upper
146 100
111 47.7 22.0 66.0
148 63.4 32.1 96.3

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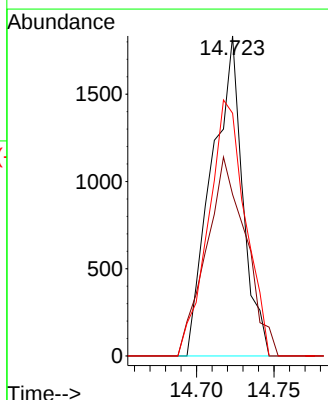
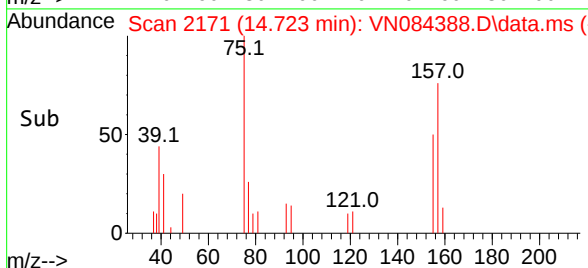
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

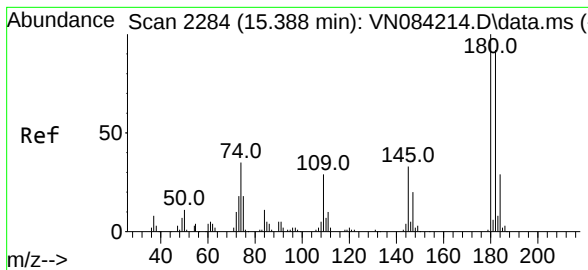


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.736 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16



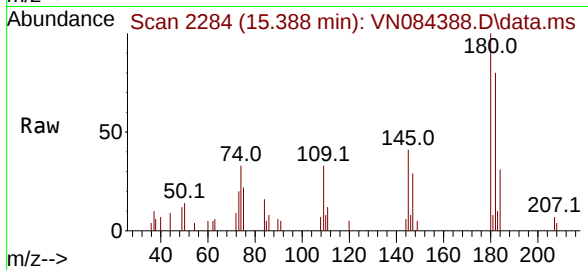
Tgt Ion: 75 Resp: 2552
Ion Ratio Lower Upper
75 100
155 79.4 38.1 114.5
157 95.2 49.6 149.0





#93
1,2,4-Trichlorobenzene
Concen: 3.728 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

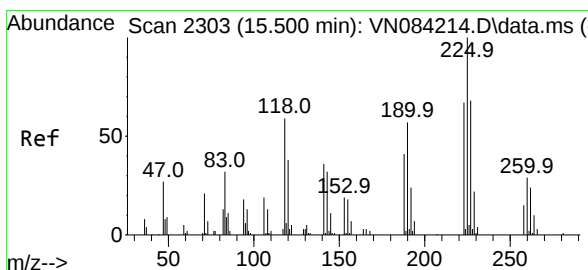
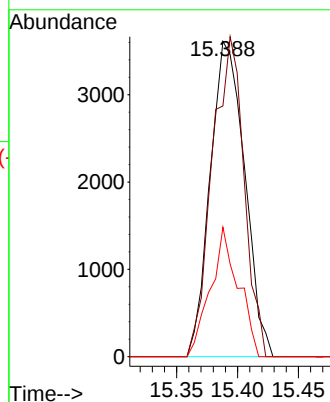
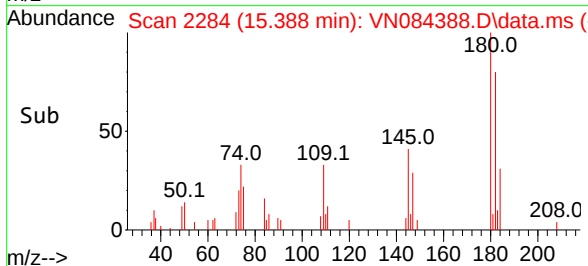
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2024



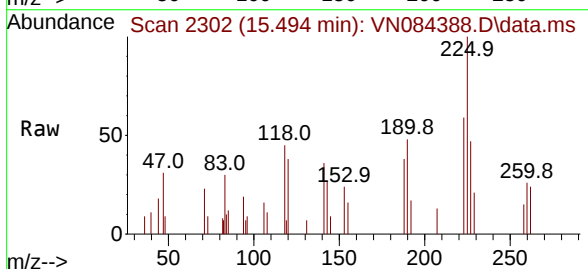
Tgt Ion:180 Resp: 707
Ion Ratio Lower Upper
180 100
182 93.8 47.0 141.0
145 33.4 16.4 49.4

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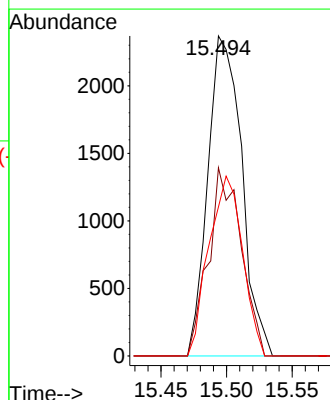
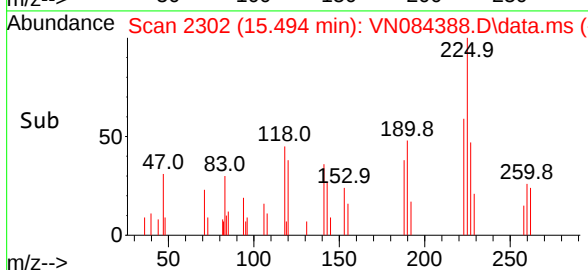
Reviewed By :John Carlone 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

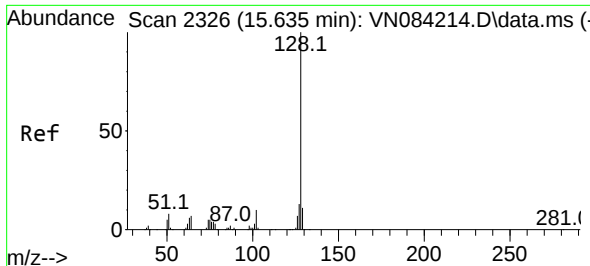


#94
Hexachlorobutadiene
Concen: 4.497 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16



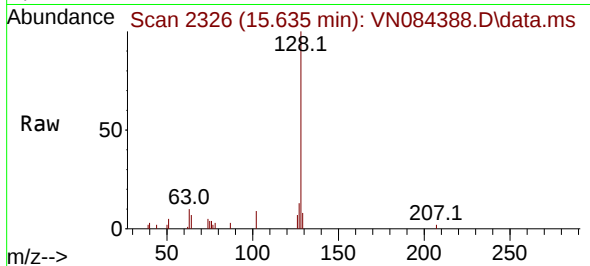
Tgt Ion:225 Resp: 4257
Ion Ratio Lower Upper
225 100
223 56.8 32.4 97.2
227 55.9 32.4 97.0





#95
Naphthalene
Concen: 3.411 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16

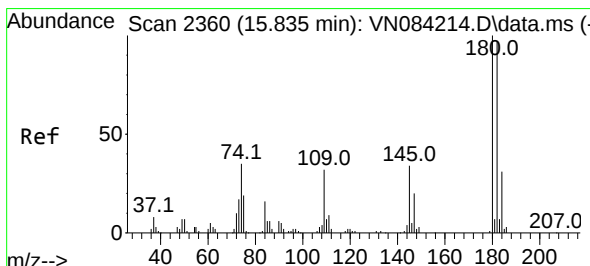
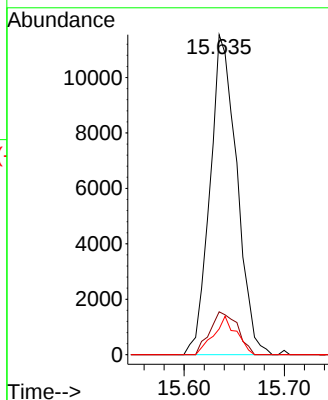
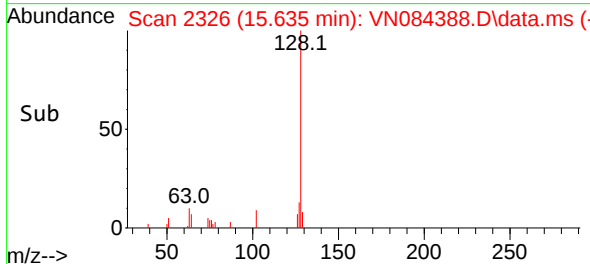
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2024



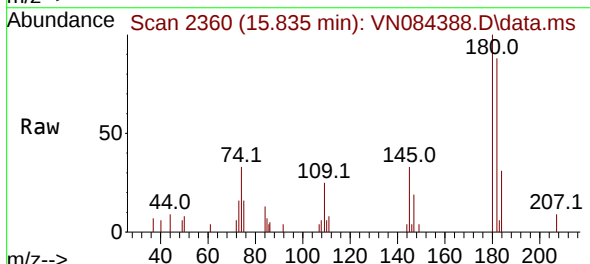
Tgt Ion:128 Resp: 2146
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 10.1 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 4.021 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN084388.D
Acq: 10 Oct 2024 15:16



Tgt Ion:180 Resp: 7640
Ion Ratio Lower Upper
180 100
182 94.5 48.2 144.6
145 35.5 17.3 51.9

