

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
 Data File : VN080989.D
 Acq On : 09 Feb 2024 15:09
 Operator : JC\MD
 Sample : P1187-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Quant Time: Feb 10 03:15:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:55:02 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Mahesh Dadoda 02/12/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	70110	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	407495	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	363104	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	168664	32.016	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.733%			
60) 4-Bromofluorobenzene	12.853	95	161212	29.042	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.800%			
63) Toluene-d8	10.571	98	493324	30.275	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	23331	4.894	ug/l	93
3) Chloromethane	2.359	50	27689	5.780	ug/l #	87
4) Vinyl Chloride	2.506	62	32716	5.728	ug/l	93
5) Bromomethane	2.948	94	22580	5.886	ug/l	85
6) Chloroethane	3.112	64	23318	6.263	ug/l	90
7) Trichlorofluoromethane	3.495	101	39916	5.307	ug/l	95
8) Diethyl Ether	3.965	74	14153m	5.354	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.377	101	22253m	5.451	ug/l	
10) 1,1-Dichloroethene	4.330	96	21740	5.434	ug/l #	84
11) Methyl Iodide	4.577	142	19709	4.600	ug/l	77
12) Methyl Acetate	5.036	43	21075m	5.813	ug/l	
13) Acrolein	4.177	56	20346	25.733	ug/l	97
14) Acrylonitrile	5.718	53	49110	27.278	ug/l	94
15) Acetone	4.430	58	13238m	31.964	ug/l	
16) Carbon Disulfide	4.712	76	55110	5.019	ug/l	96
17) Allyl chloride	5.018	41	27410m	5.455	ug/l	
18) Methylene Chloride	5.283	84	26616m	5.821	ug/l	
19) trans-1,2-Dichloroethene	5.789	96	24775m	5.455	ug/l	
20) Diisopropyl ether	6.677	45	64161	5.313	ug/l	95
21) 1,1-Dichloroethane	6.571	63	40446	5.226	ug/l	93
22) cis-1,2-Dichloroethene	7.483	96	29754	5.638	ug/l #	82
23) tert-Butyl Alcohol	5.524	59	20211m	30.817	ug/l	
24) Methyl tert-Butyl Ether	5.800	73	69713	5.256	ug/l #	82
25) Chloroform	7.959	83	47927	5.582	ug/l	90
26) Cyclohexane	8.253	56	30049	5.156	ug/l #	81
29) 1,1-Dichloropropene	8.371	75	32330	5.326	ug/l	98
30) 2-Butanone	7.483	43	67604	30.356	ug/l #	95
31) 2,2-Dichloropropane	7.494	77	35886	5.193	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	41615	5.450	ug/l	98
33) Carbon Tetrachloride	8.359	117	31100	4.834	ug/l	89
34) Benzene	8.606	78	99643	5.372	ug/l #	90
35) Methacrylonitrile	7.783	41	16165	6.175	ug/l	95
36) 1,2-Dichloroethane	8.671	62	35584	5.716	ug/l #	86
37) Trichloroethene	9.359	130	25524	5.176	ug/l	96
38) Methylcyclohexane	9.600	83	29735	4.909	ug/l	94
39) 1,2-Dichloropropane	9.630	63	23213	5.276	ug/l #	86
40) Dibromomethane	9.712	93	17714	5.292	ug/l	95
41) Bromodichloromethane	9.894	83	33515	5.116	ug/l	98
42) Vinyl Acetate	6.600	43	251520	26.404	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	24874	5.362	ug/l	100
44) Isopropyl Acetate	8.688	43	45283	5.433	ug/l	94
45) 1,4-Dioxane	9.706	88	8551	108.179	ug/l #	90
46) Methyl methacrylate	9.682	41	20401	5.350	ug/l	93
47) n-amyl Acetate	12.500	43	33941	4.670	ug/l	97
48) t-1,3-Dichloropropene	10.835	75	33595	4.893	ug/l	100
49) cis-1,3-Dichloropropene	10.318	75	37387	5.025	ug/l #	88
50) 1,1,2-Trichloroethane	11.024	97	25100	5.419	ug/l #	91
51) Ethyl methacrylate	10.877	69	32099	4.959	ug/l	93
52) 1,3-Dichloropropane	11.165	76	41556	5.433	ug/l	99
53) Dibromochloromethane	11.359	129	24278	4.809	ug/l	95
54) 1,2-Dibromoethane	11.476	107	23440	4.892	ug/l	90
55) 2-Chloroethyl vinyl ether	10.165	63	80714	24.331	ug/l	98
56) Bromoform	12.582	173	13939	4.336	ug/l #	92
58) 4-Methyl-2-Pentanone	10.447	43	137077	29.078	ug/l	92
59) 2-Hexanone	11.200	43	95837	27.641	ug/l	92
61) Tetrachloroethene	11.112	164	23744	5.725	ug/l #	76
62) Toluene	10.635	91	105976	5.328	ug/l	98
64) Chlorobenzene	11.894	112	64234	5.273	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	22996	5.089	ug/l	95
66) Ethyl Benzene	11.971	91	108006	5.164	ug/l	98
67) m/p-Xylenes	12.076	106	81219	9.889	ug/l	95
68) o-Xylene	12.400	106	40302	5.007	ug/l	91
69) Styrene	12.412	104	62566	4.722	ug/l	97
70) Isopropylbenzene	12.700	105	94723	4.829	ug/l	96
71) 1,1,2,2-Tetrachloroethane	12.941	83	34189	5.653	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	27230m	5.751	ug/l	
73) Bromobenzene	12.982	156	23942	4.908	ug/l	96
74) n-propylbenzene	13.041	91	109199	4.899	ug/l	99
75) 2-Chlorotoluene	13.129	91	72530	5.241	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	76403	4.761	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	7971	4.449	ug/l	84
78) 4-Chlorotoluene	13.223	91	69729	5.031	ug/l	95
79) tert-butylbenzene	13.441	119	64851	4.868	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	76249	4.768	ug/l	97
81) sec-Butylbenzene	13.618	105	86476	4.635	ug/l	94
82) p-Isopropyltoluene	13.735	119	70821	4.522	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	41538	4.735	ug/l	96
84) 1,4-Dichlorobenzene	13.818	146	43377	4.926	ug/l	96
85) n-Butylbenzene	14.059	91	57531	4.452	ug/l	99
86) Hexachloroethane	14.341	117	10952	4.433	ug/l	84
87) 1,2-Dichlorobenzene	14.112	146	41605	4.871	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.717	75	6364	5.829	ug/l	91
89) 1,2,4-Trichlorobenzene	15.853	180	18667	4.467	ug/l	94
90) Hexachlorobutadiene	15.506	225	11362	6.198	ug/l	97
91) Naphthalene	15.647	128	78575	5.296	ug/l	99
92) 1,2,3-Trichlorobenzene	15.853	180	18667	4.467	ug/l	94

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

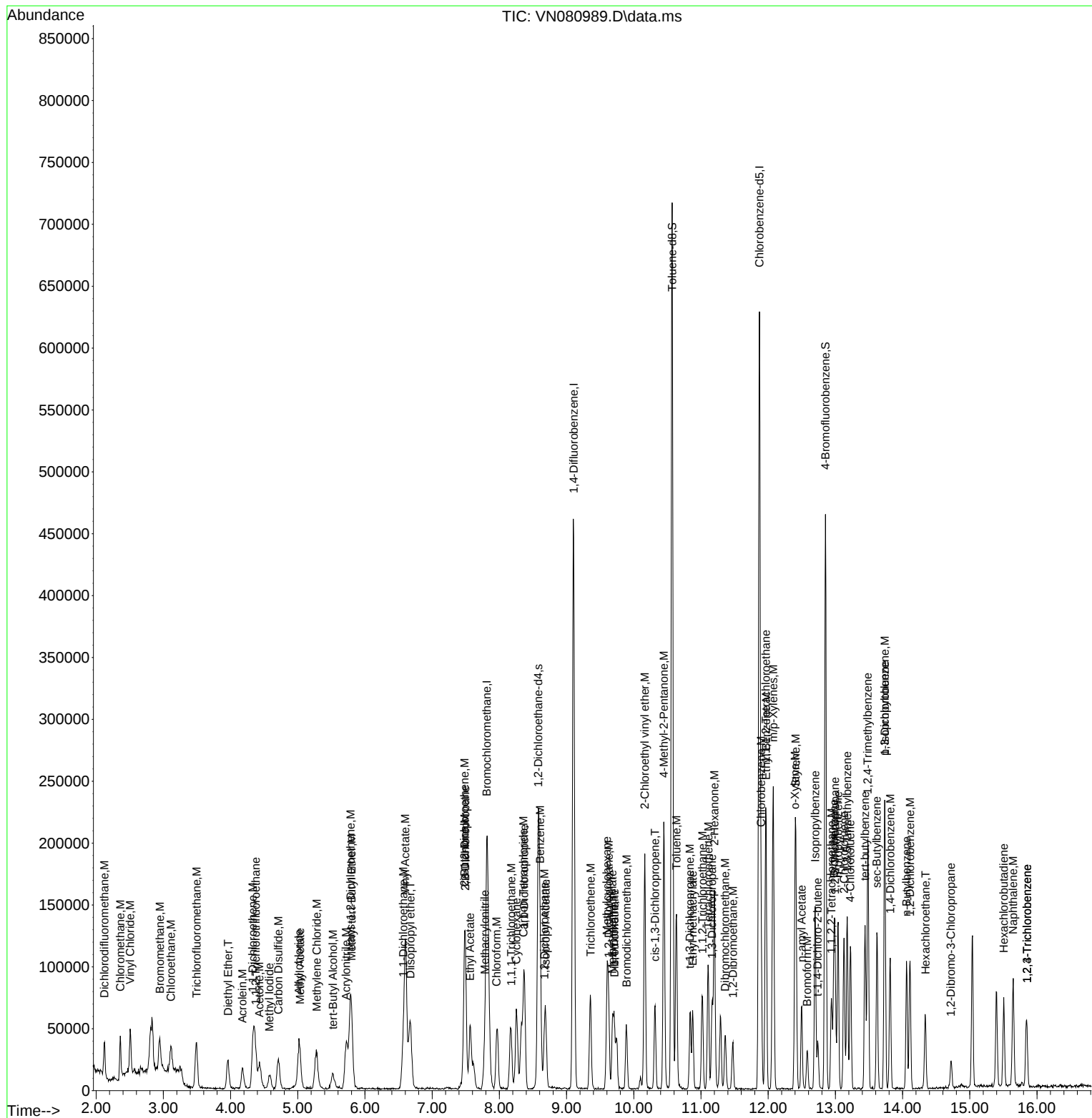
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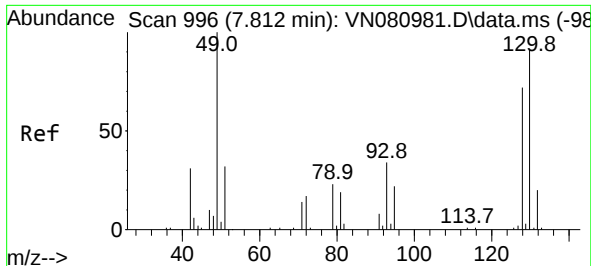
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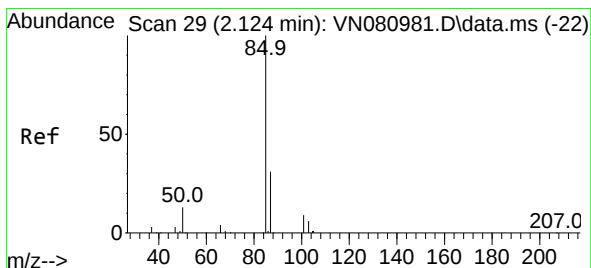
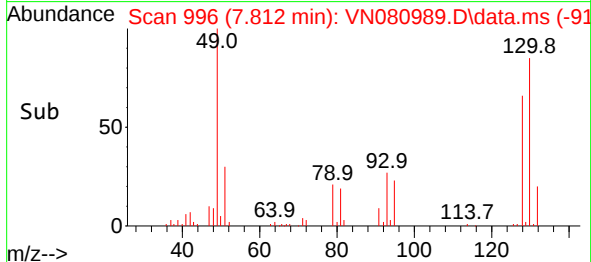
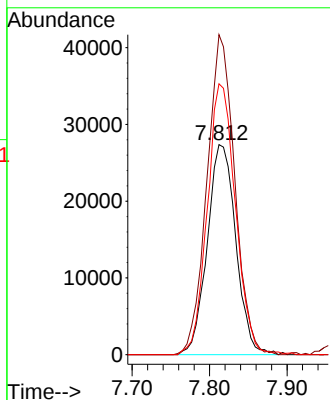
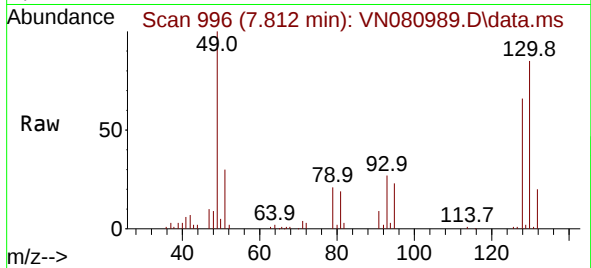
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion:128 Resp: 70110
Ion Ratio Lower Upper
128 100
49 148.2 0.0 403.7
130 127.2 0.0 323.3

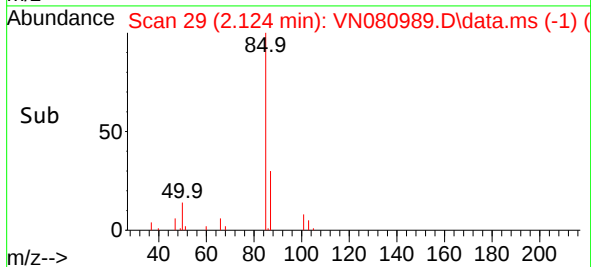
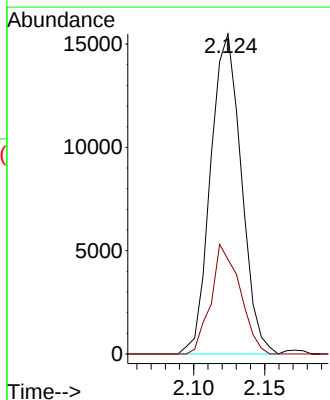
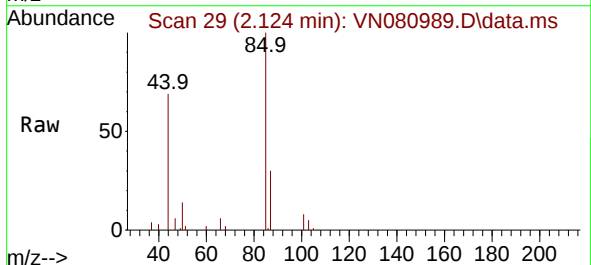
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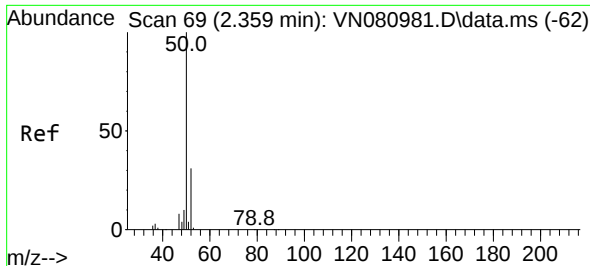
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#2
Dichlorodifluoromethane
Concen: 4.894 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

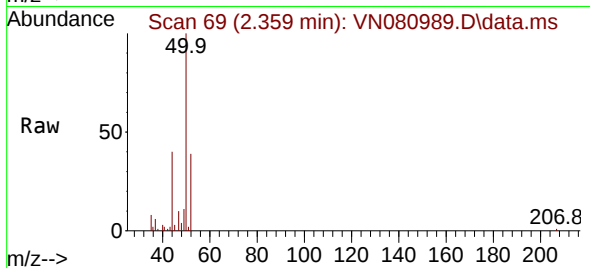
Tgt Ion: 85 Resp: 23331
Ion Ratio Lower Upper
85 100
87 29.6 16.8 50.3





#3
Chloromethane
Concen: 5.780 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

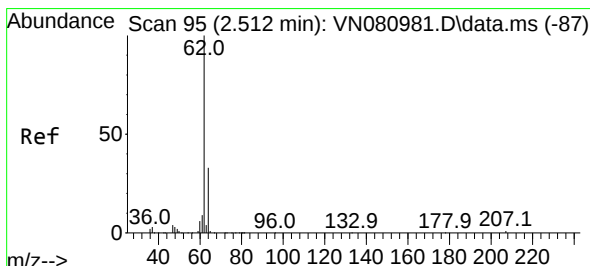
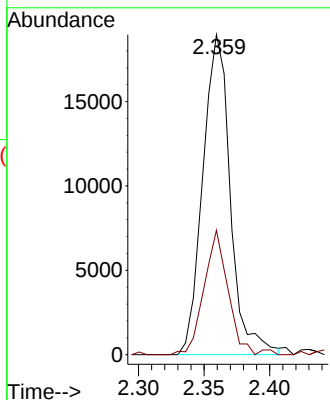
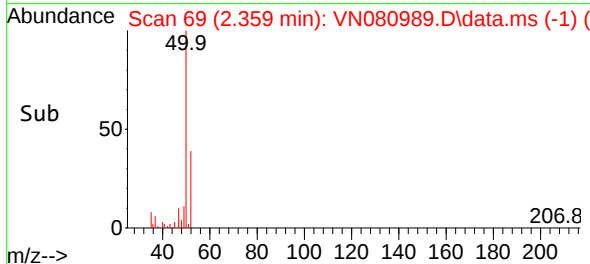
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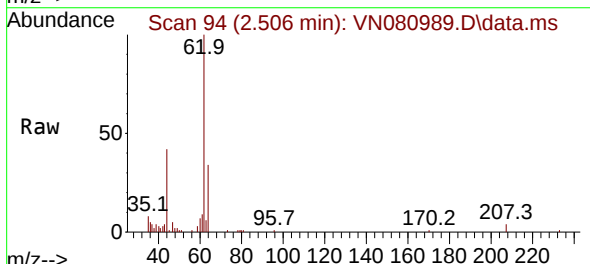
Tgt Ion: 50 Resp: 27689
Ion Ratio Lower Upper
50 100
52 38.9 25.4 38.0

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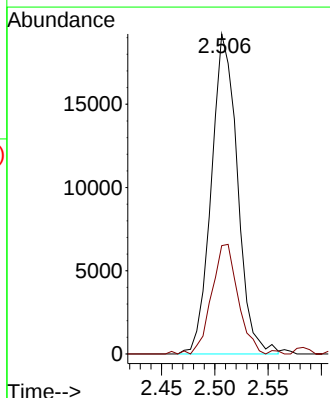
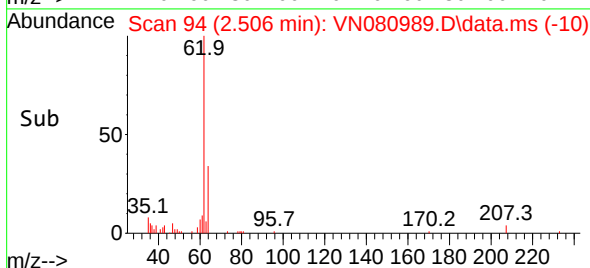
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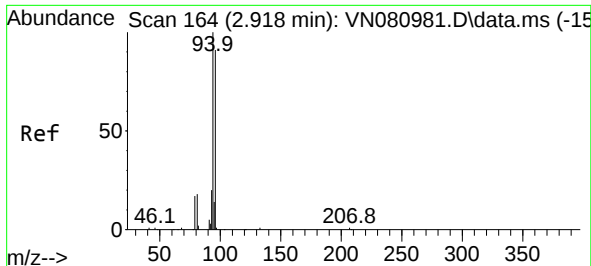


#4
Vinyl Chloride
Concen: 5.728 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09



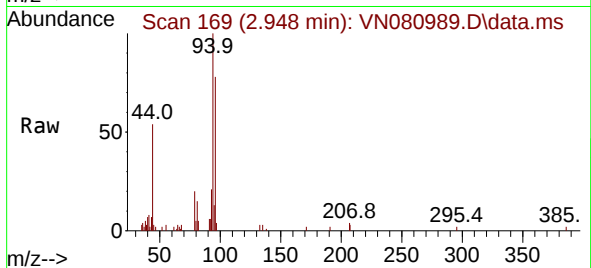
Tgt Ion: 62 Resp: 32716
Ion Ratio Lower Upper
62 100
64 33.8 24.1 36.1





#5
Bromomethane
Concen: 5.886 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.029 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

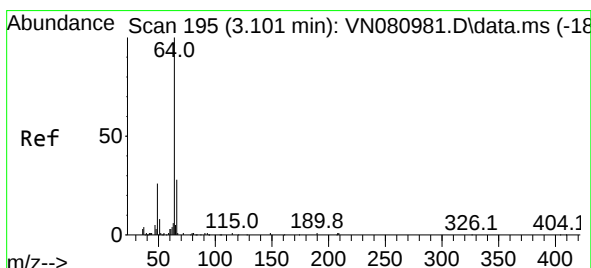
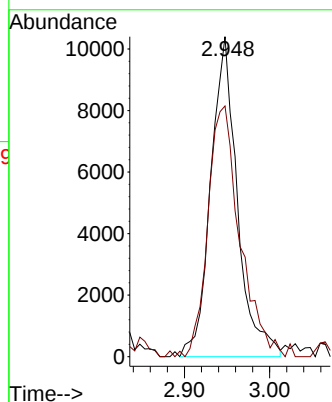
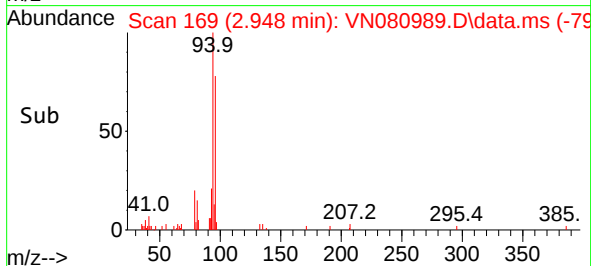
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 22580
Ion Ratio Lower Upper
94 100
96 76.7 72.8 109.2

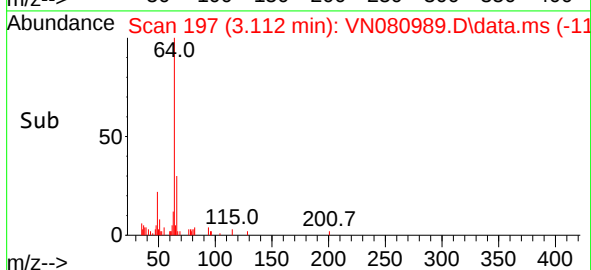
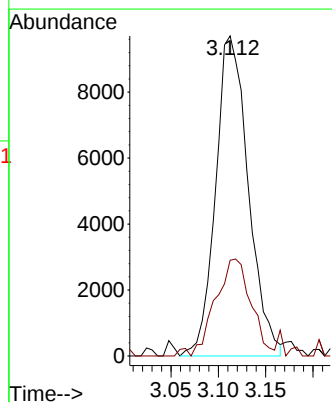
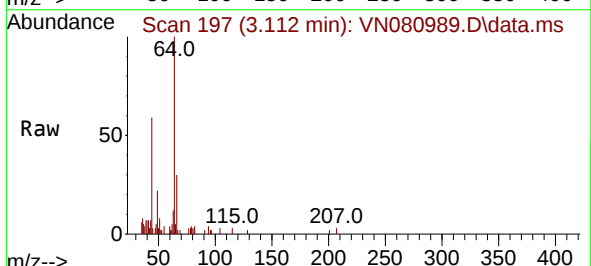
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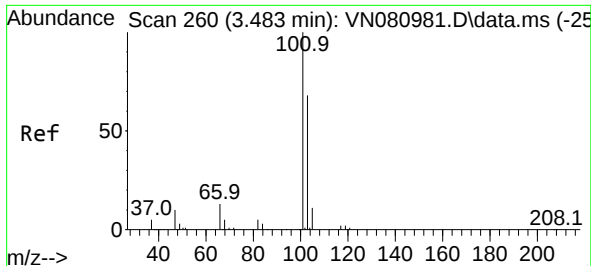
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#6
Chloroethane
Concen: 6.263 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.012 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

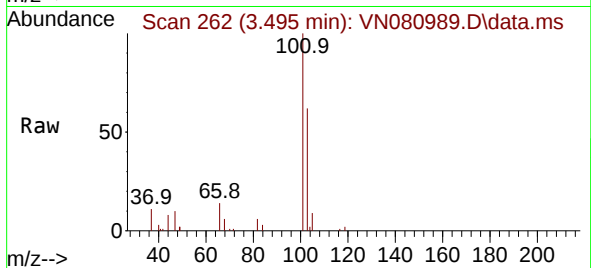
Tgt Ion: 64 Resp: 23318
Ion Ratio Lower Upper
64 100
66 27.8 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 5.307 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VN080989.D
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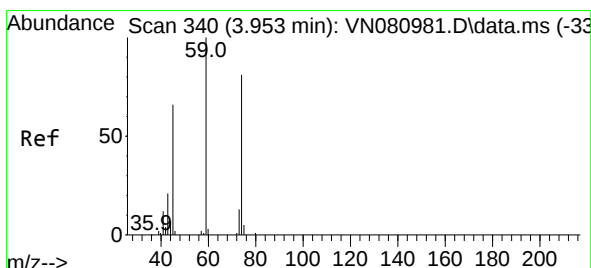
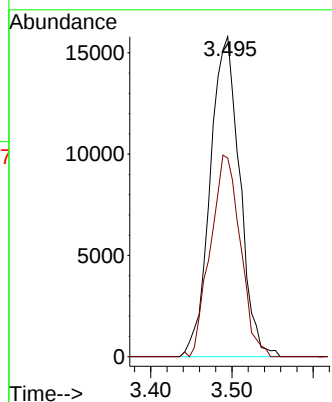
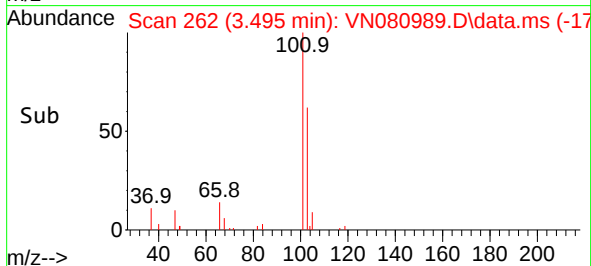
Instrument :
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 LOQ-WATER-02-QT1-2024



Tgt Ion: 101 Resp: 39910
 Ion Ratio Lower Upper
 101 100
 103 62.0 53.0 79.4

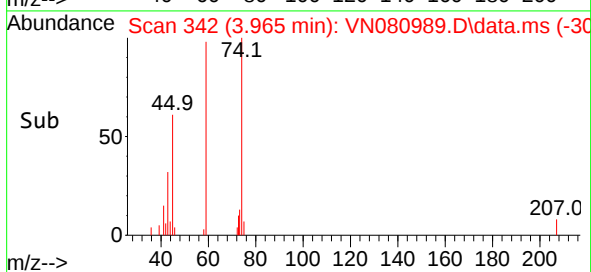
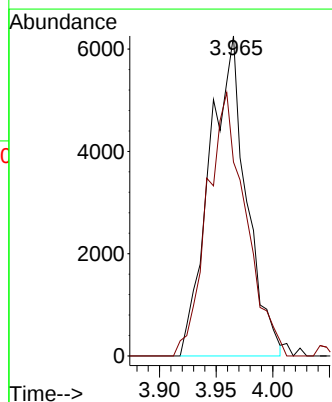
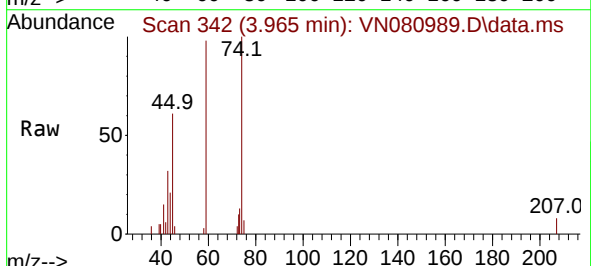
Manual Integrations
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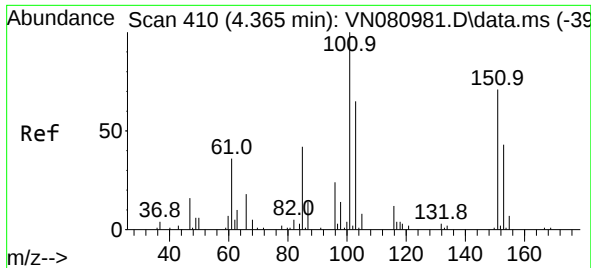
Reviewed By : John Carlone 02/12/2024
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#8
 Diethyl Ether
 Concen: 5.354 ug/l m
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN080989.D
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Tgt Ion: 74 Resp: 14153
 Ion Ratio Lower Upper
 74 100
 45 86.0 16.4 147.4





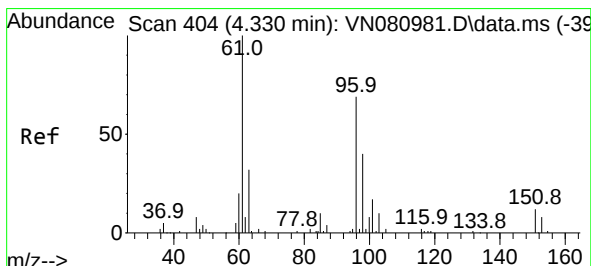
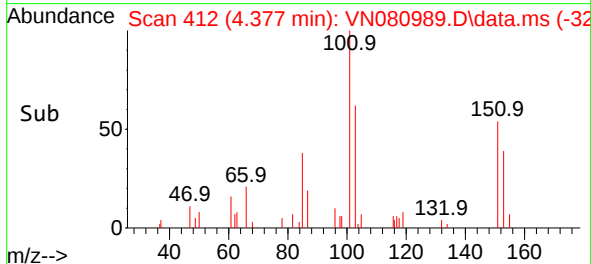
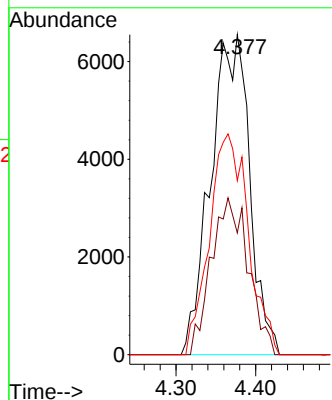
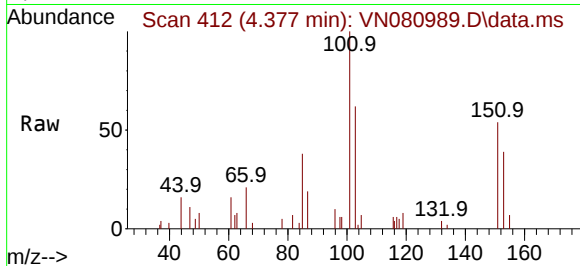
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.451 ug/l m
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion:101 Resp: 2225
Ion Ratio Lower Upper
101 100
85 32.3 0.0 90.6
151 48.7 0.0 157.6

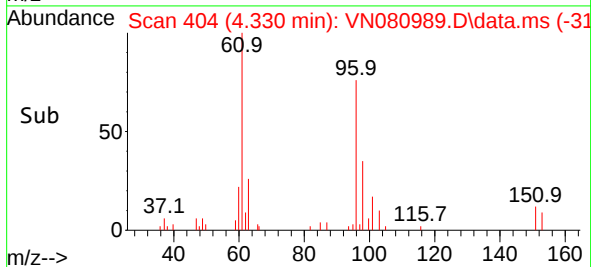
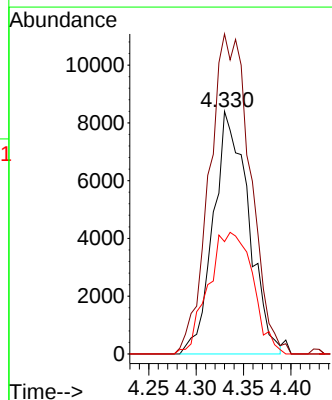
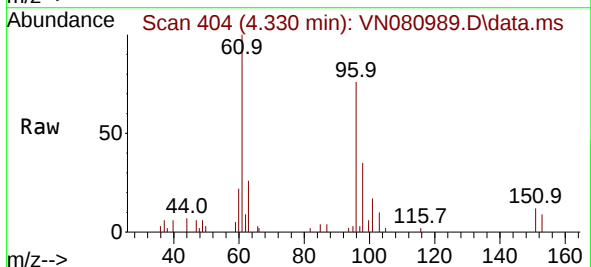
Manual Integrations
APPROVED

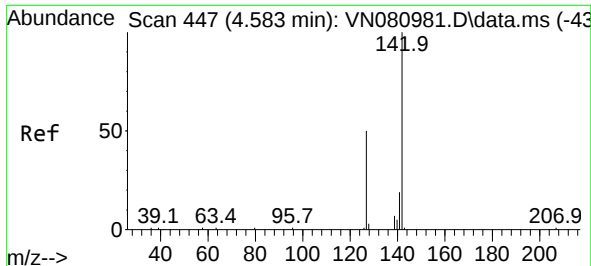
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#10
1,1-Dichloroethene
Concen: 5.434 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

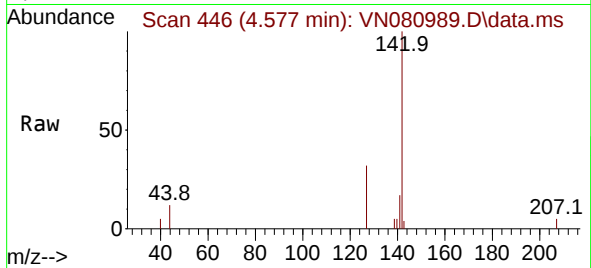
Tgt Ion: 96 Resp: 21740
Ion Ratio Lower Upper
96 100
61 129.5 117.6 176.4
98 44.5 48.4 72.6#





#11
Methyl Iodide
Concen: 4.600 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

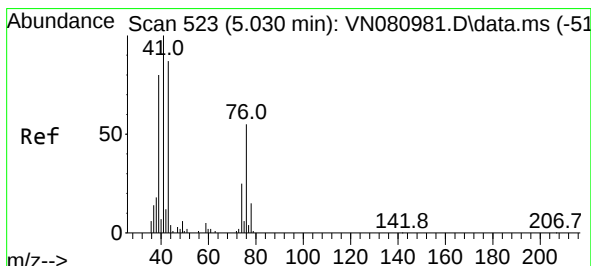
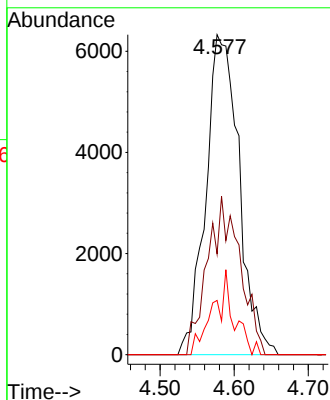
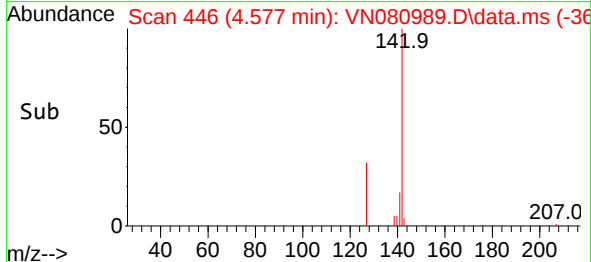
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion:142 Resp: 19709
Ion Ratio Lower Upper
142 100
127 31.5 26.3 78.9
141 16.9 8.3 24.9

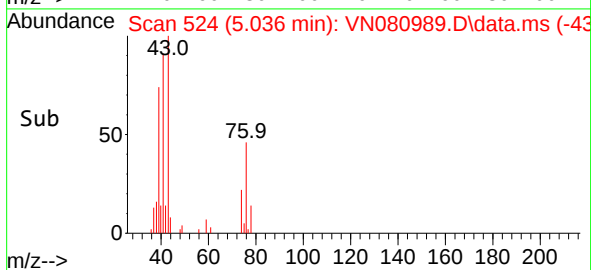
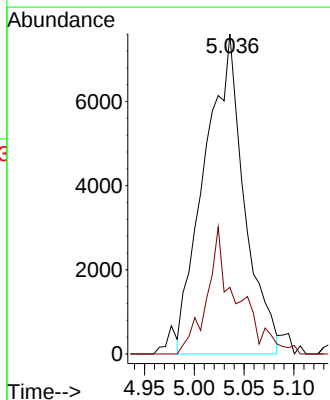
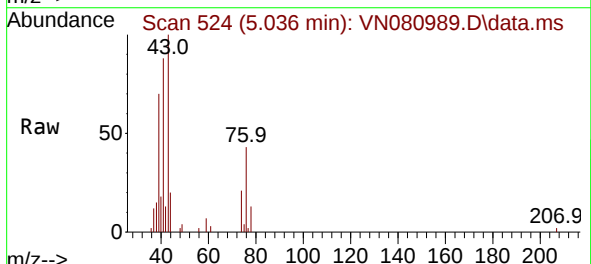
Manual Integrations
APPROVED

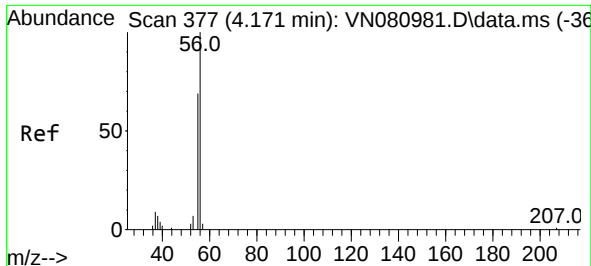
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#12
Methyl Acetate
Concen: 5.813 ug/l m
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Tgt Ion: 43 Resp: 21075
Ion Ratio Lower Upper
43 100
74 20.8 27.7 41.5#





#13

Acrolein

Concen: 25.733 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080989.D

Acq: 09 Feb 2024 15:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

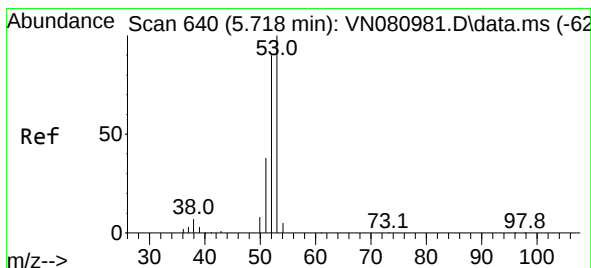
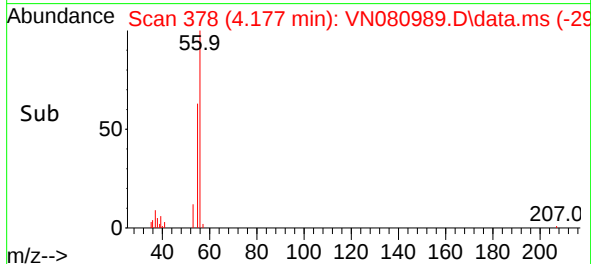
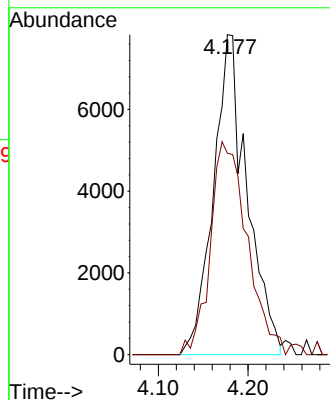
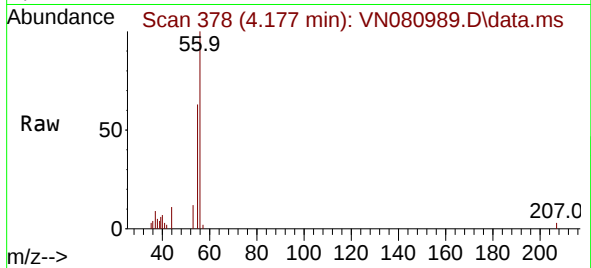
Tgt Ion: 56 Resp: 20340
 Ion Ratio Lower Upper
 56 100
 55 72.2 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#14

Acrylonitrile

Concen: 27.278 ug/l

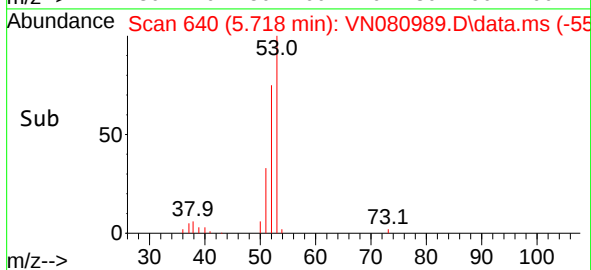
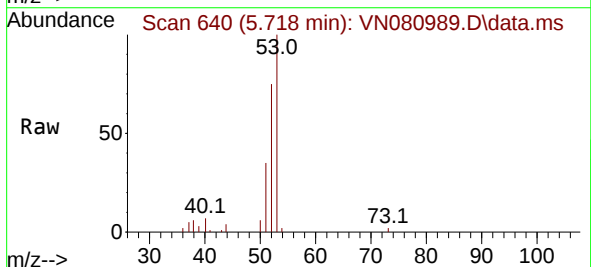
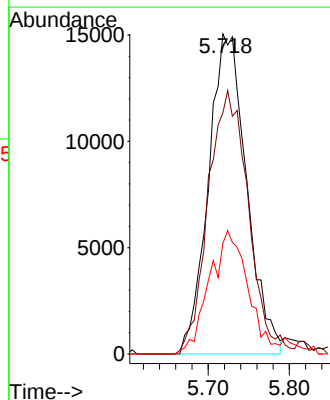
RT: 5.718 min Scan# 640

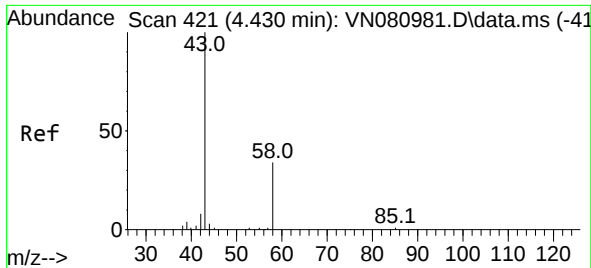
Delta R.T. 0.000 min

Lab File: VN080989.D

Acq: 09 Feb 2024 15:09

Tgt Ion: 53 Resp: 49110
 Ion Ratio Lower Upper
 53 100
 52 85.3 41.3 123.9
 51 26.4 16.8 50.3





#15

Acetone

Concen: 31.964 ug/l m

RT: 4.430 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN080989.D

Acq: 09 Feb 2024 15:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 58 Resp: 13238

Ion Ratio Lower Upper

58 100

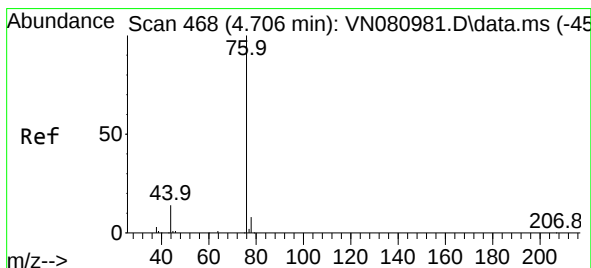
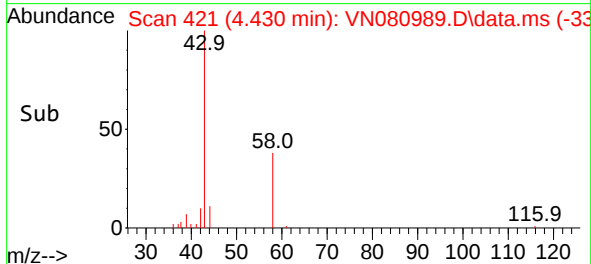
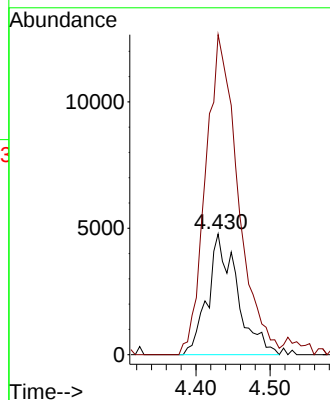
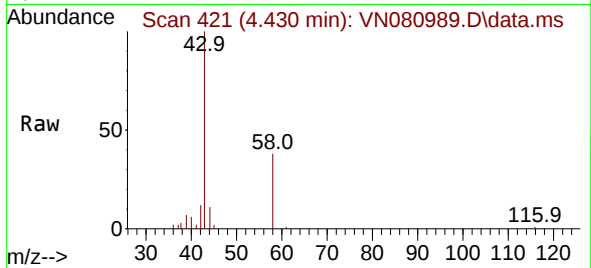
43 265.0 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#16

Carbon Disulfide

Concen: 5.019 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN080989.D

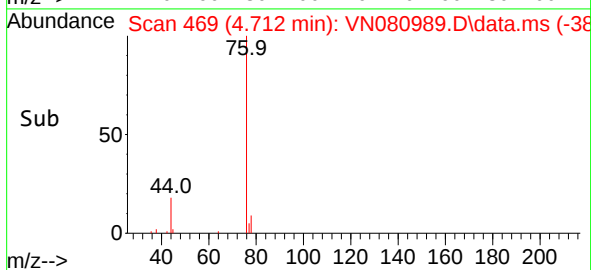
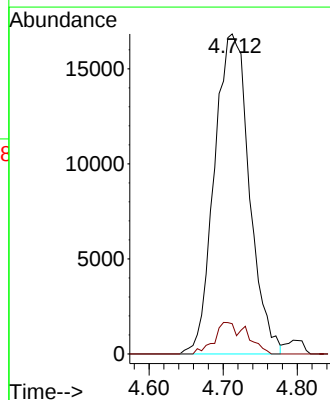
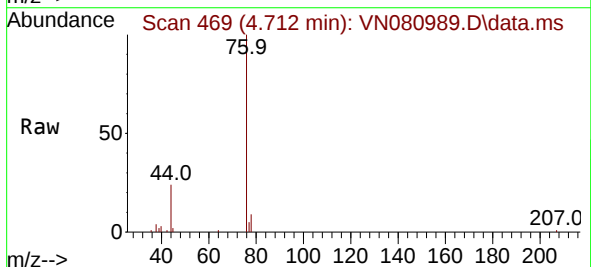
Acq: 09 Feb 2024 15:09

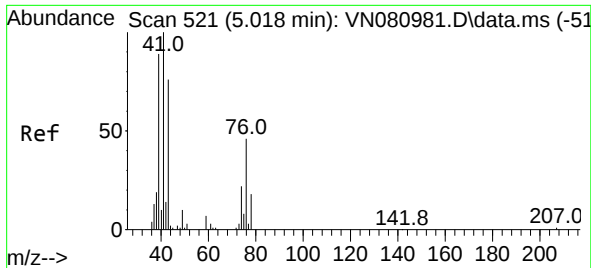
Tgt Ion: 76 Resp: 55110

Ion Ratio Lower Upper

76 100

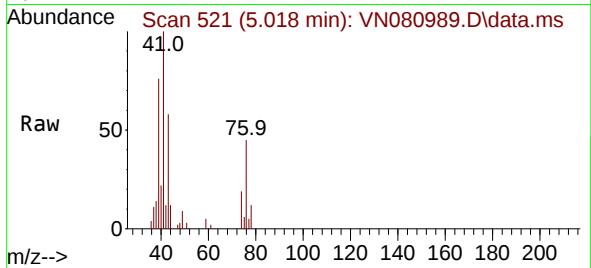
78 9.5 6.3 9.5





#17
 Allyl chloride
 Concen: 5.455 ug/l m
 RT: 5.018 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN080989.D
 Acq: 09 Feb 2024 15:09

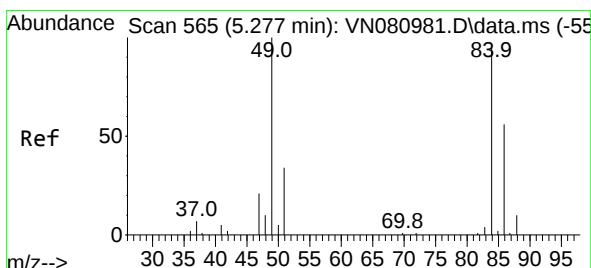
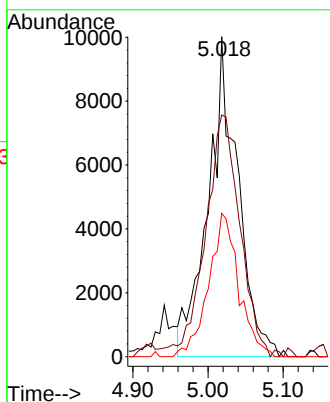
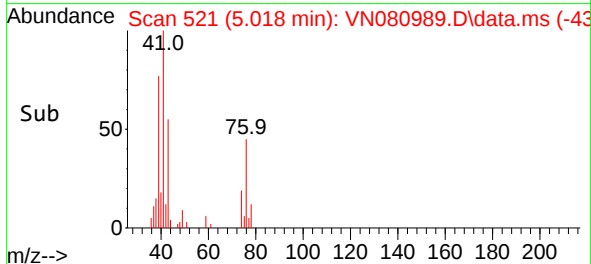
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2024



Tgt Ion: 41	Resp: 27410
Ion Ratio	Lower Upper
41	100
39	75.6 37.6 112.9
76	44.8 27.8 83.4

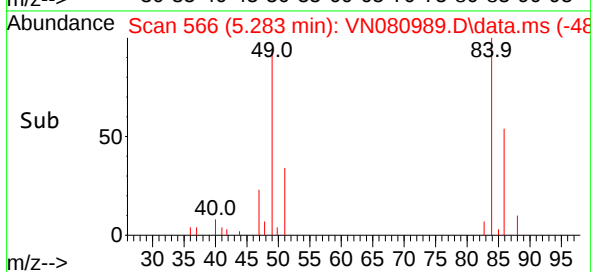
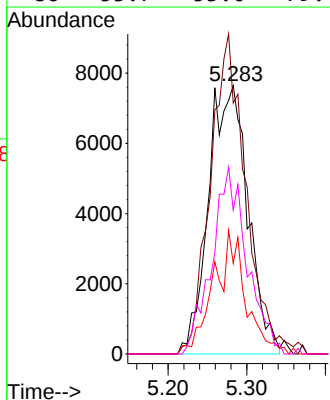
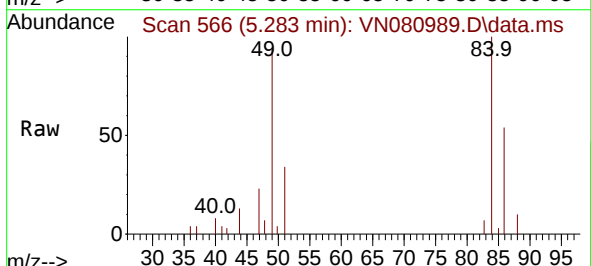
Manual Integrations
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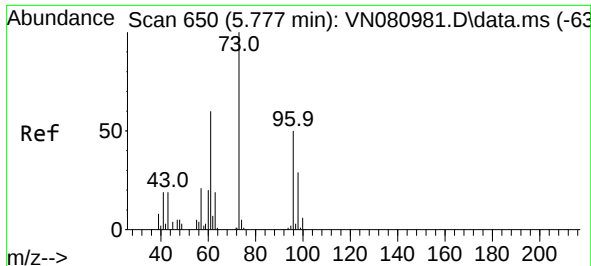
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#18
 Methylene Chloride
 Concen: 5.821 ug/l m
 RT: 5.283 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: VN080989.D
 Acq: 09 Feb 2024 15:09

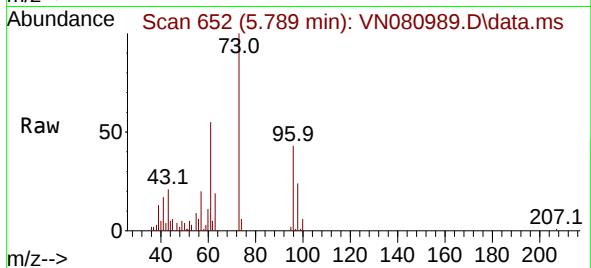
Tgt Ion: 84	Resp: 26616
Ion Ratio	Lower Upper
84	100
49	93.5 86.0 129.0
51	33.8 30.0 45.0
86	53.7 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 5.455 ug/l m
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

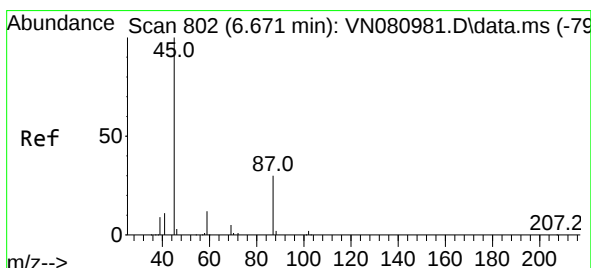
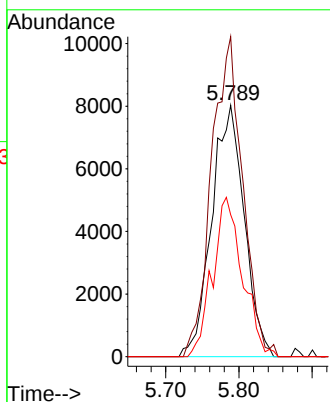
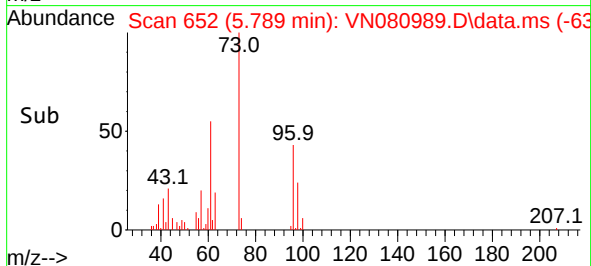
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 96 Resp: 2477
Ion Ratio Lower Upper
96 100
61 127.3 111.8 167.6
98 56.5 49.2 73.8

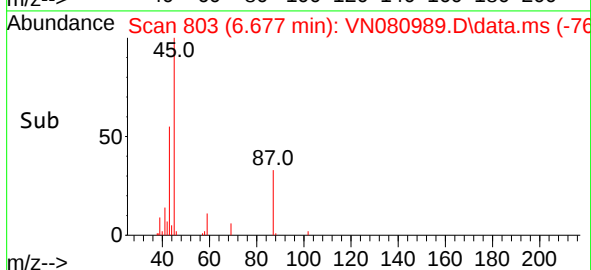
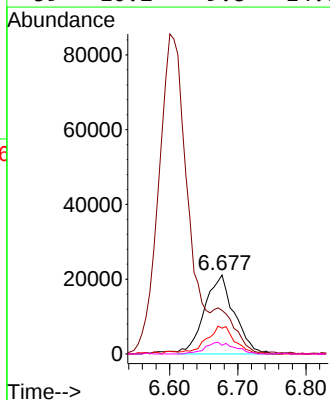
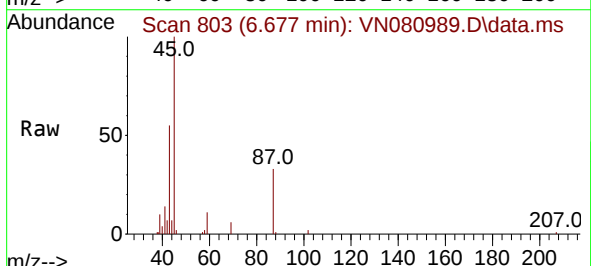
Manual Integrations
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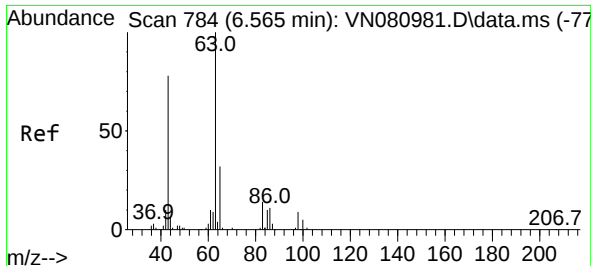
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#20
Diisopropyl ether
Concen: 5.313 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Tgt Ion: 45 Resp: 64161
Ion Ratio Lower Upper
45 100
43 54.1 40.4 60.6
87 32.7 23.8 35.8
59 10.2 9.8 14.6





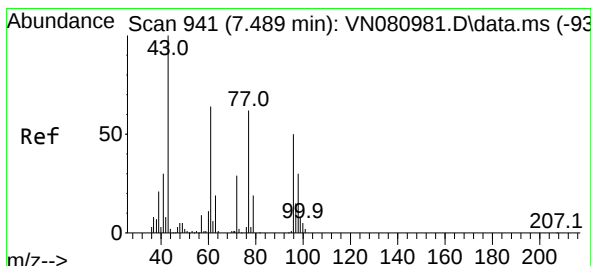
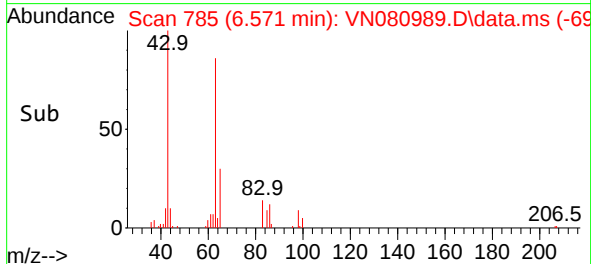
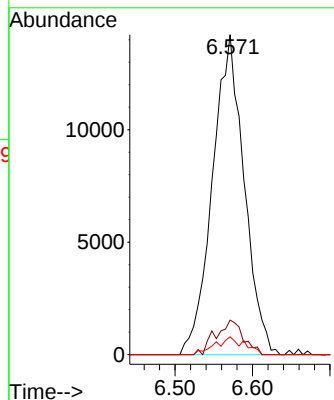
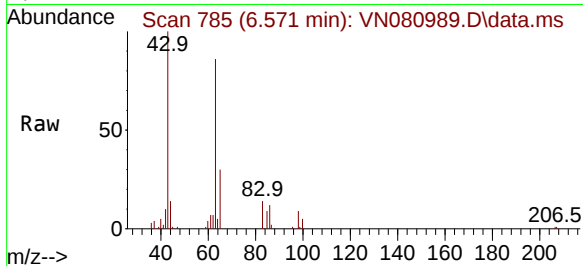
#21
1,1-Dichloroethane
Concen: 5.226 ug/l
RT: 6.571 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 63 Resp: 4044
Ion Ratio Lower Upper
63 100
98 11.9 4.1 12.3
100 5.6 3.0 9.0

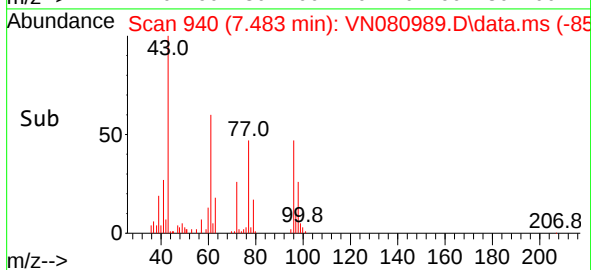
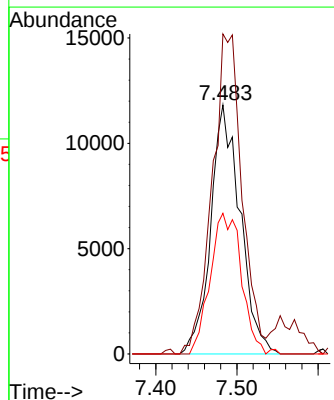
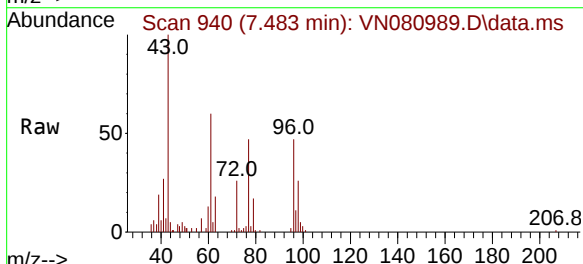
Manual Integrations
APPROVED

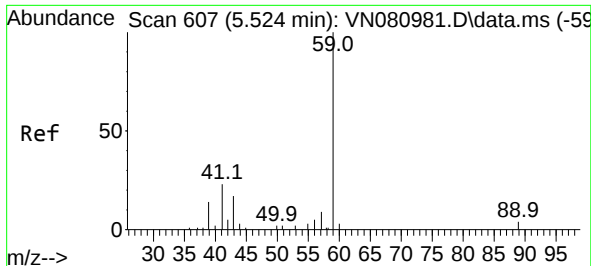
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#22
cis-1,2-Dichloroethene
Concen: 5.638 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

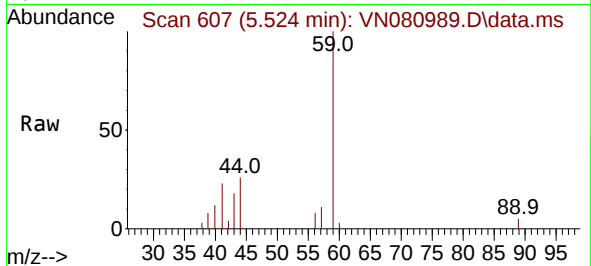
Tgt Ion: 96 Resp: 29754
Ion Ratio Lower Upper
96 100
61 130.5 113.5 170.3
98 35.8 52.0 78.0#





#23
tert-Butyl Alcohol
Concen: 30.817 ug/l m
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

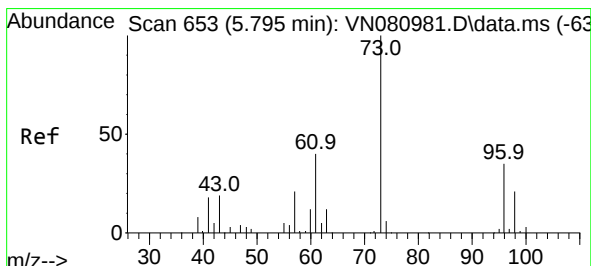
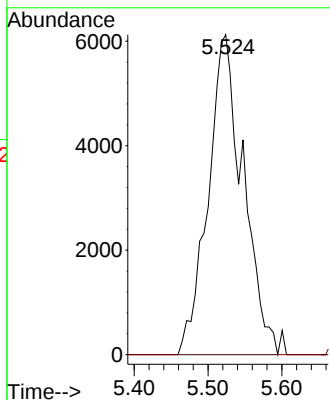
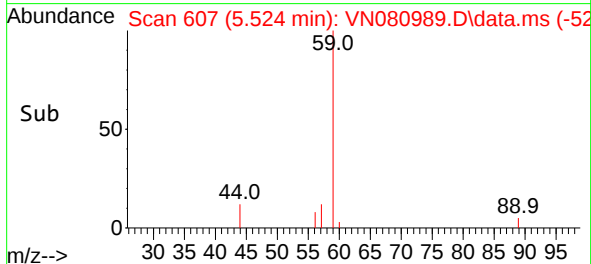
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



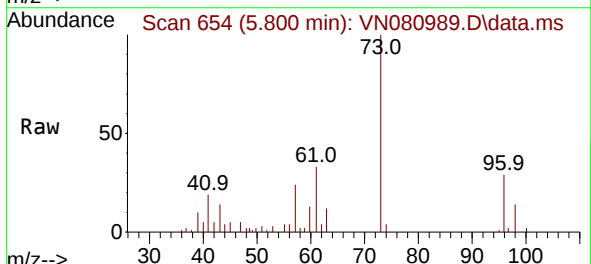
Tgt Ion: 59 Resp: 2021
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

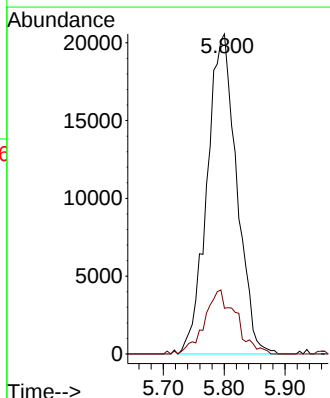
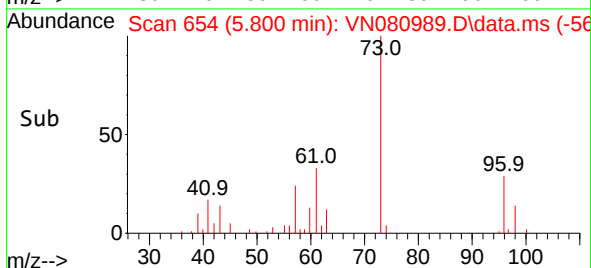
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

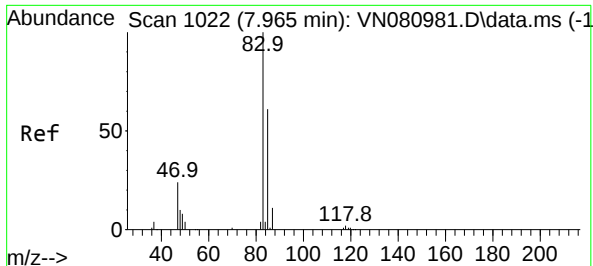


#24
Methyl tert-Butyl Ether
Concen: 5.256 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09



Tgt Ion: 73 Resp: 69713
Ion Ratio Lower Upper
73 100
43 9.0 13.4 20.2#





#25

Chloroform

Concen: 5.582 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN080989.D

Acq: 09 Feb 2024 15:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 83 Resp: 4792

Ion Ratio Lower Upper

83 100

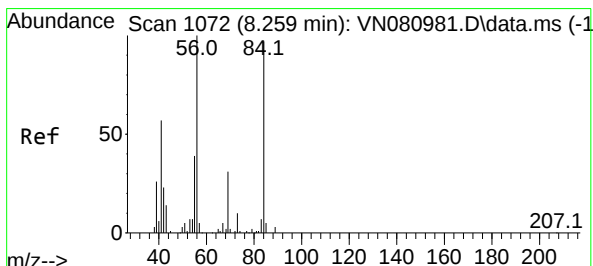
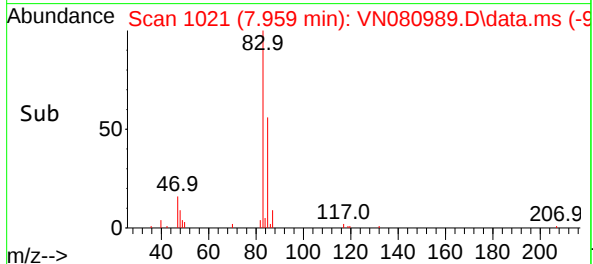
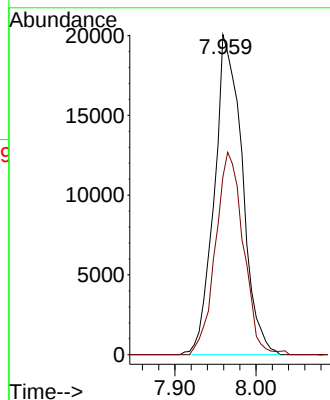
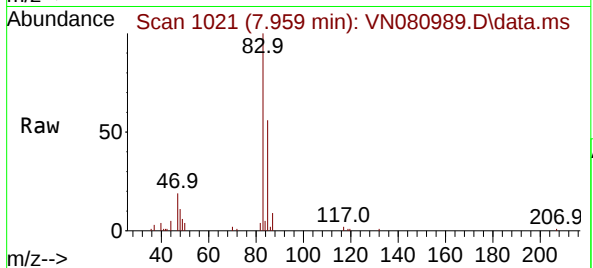
85 55.6 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#26

Cyclohexane

Concen: 5.156 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.006 min

Lab File: VN080989.D

Acq: 09 Feb 2024 15:09

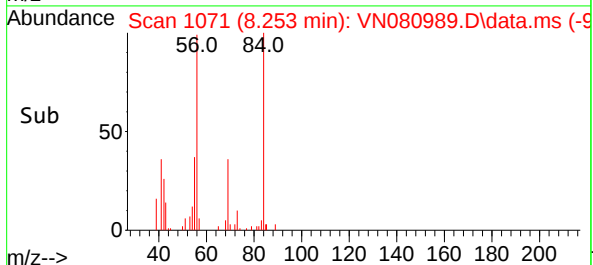
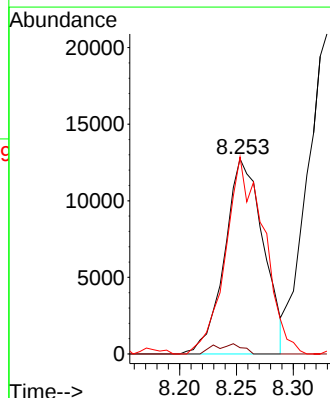
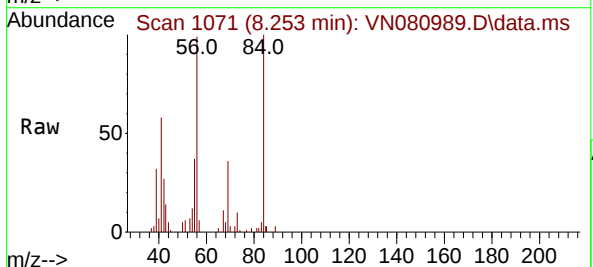
Tgt Ion: 56 Resp: 30049

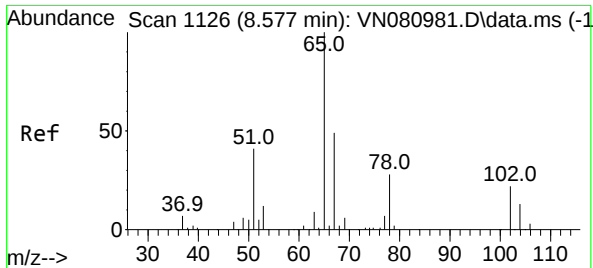
Ion Ratio Lower Upper

56 100

89 2.3 19.3 28.9#

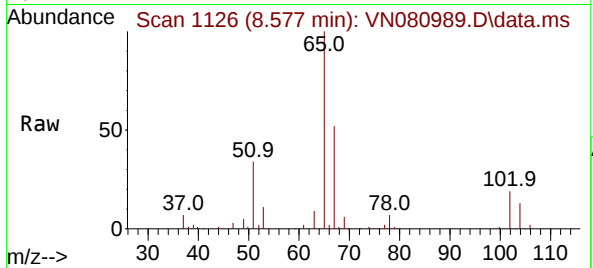
84 100.5 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 32.016 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

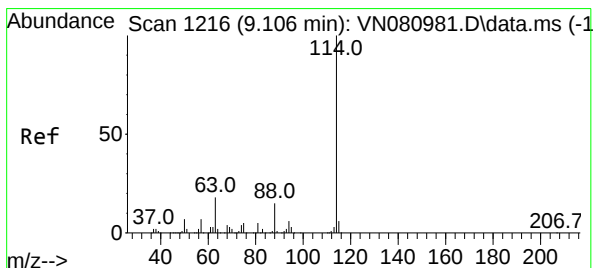
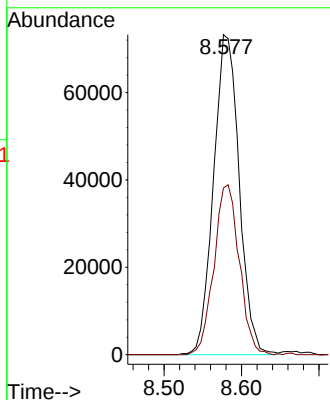
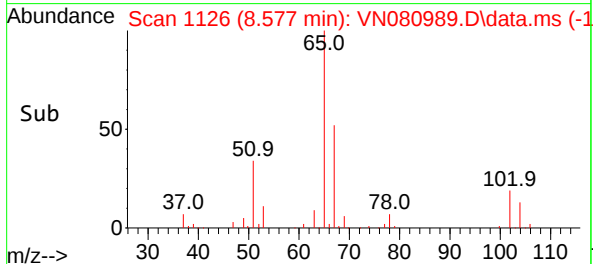
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



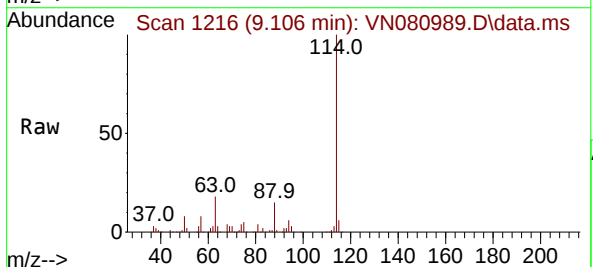
Tgt Ion: 65 Resp: 168664
Ion Ratio Lower Upper
65 100
67 52.3 43.2 64.8

Manual Integrations
APPROVED

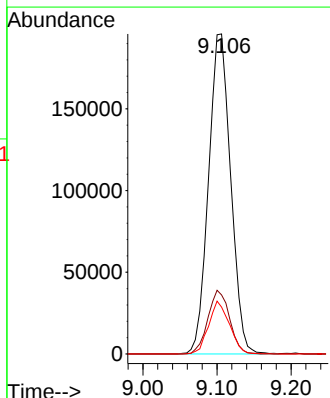
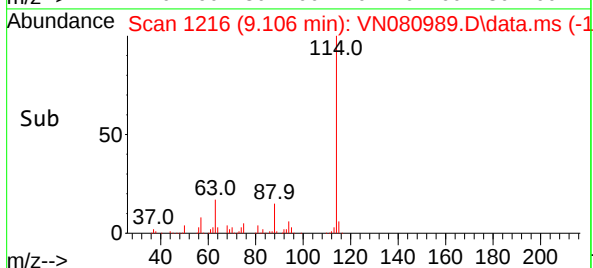
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

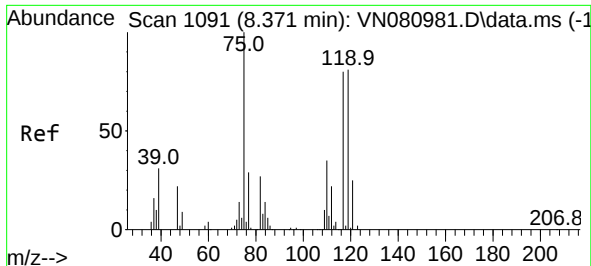


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09



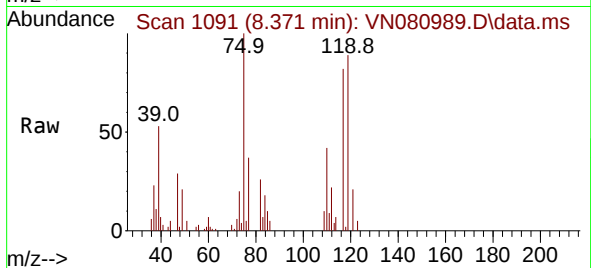
Tgt Ion:114 Resp: 407495
Ion Ratio Lower Upper
114 100
63 19.4 15.9 23.9
88 15.5 12.7 19.1





#29
1,1-Dichloropropene
Concen: 5.326 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

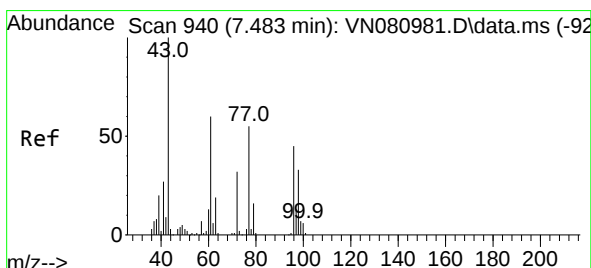
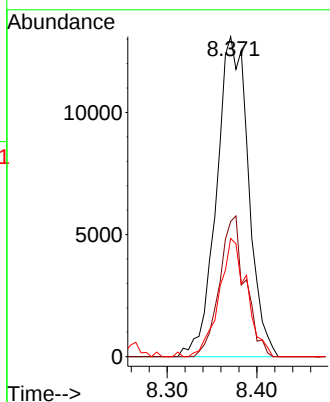
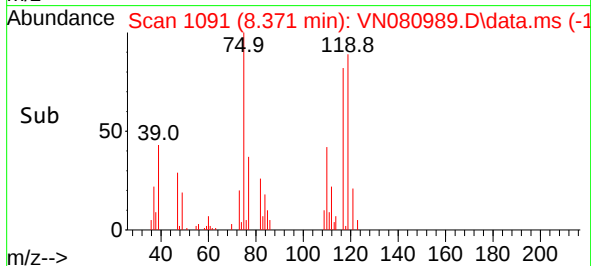
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 75 Resp: 32330
Ion Ratio Lower Upper
75 100
110 35.5 0.0 70.2
77 32.1 0.0 61.4

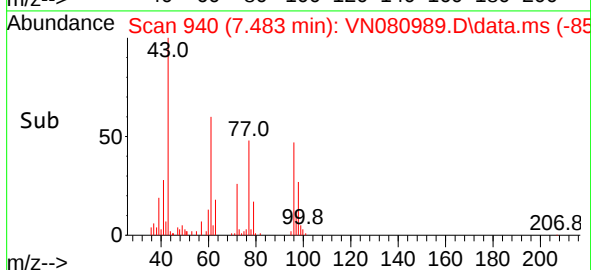
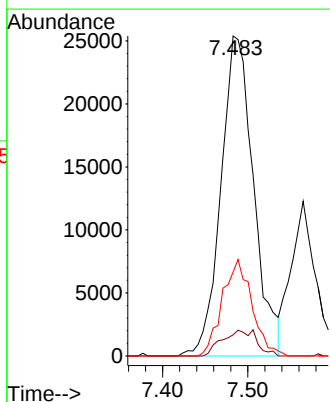
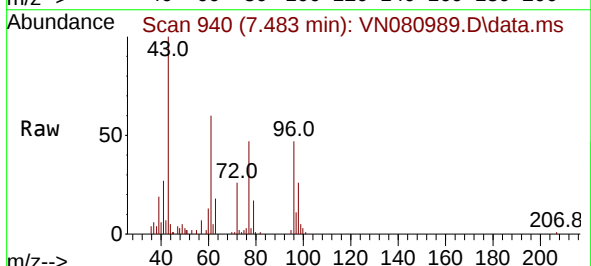
Manual Integrations
APPROVED

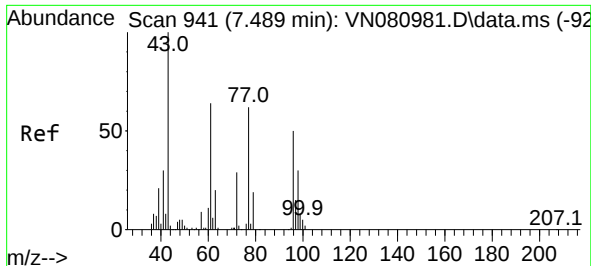
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#30
2-Butanone
Concen: 30.356 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Tgt Ion: 43 Resp: 67604
Ion Ratio Lower Upper
43 100
57 6.4 6.7 10.1#
72 27.4 24.0 36.0





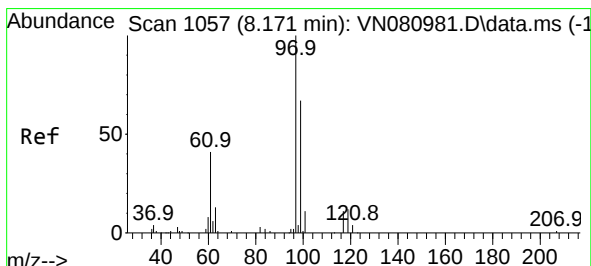
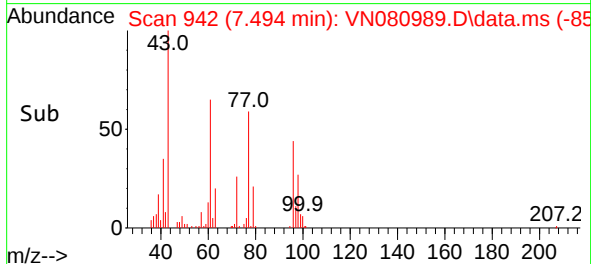
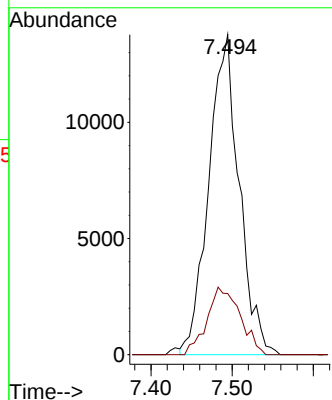
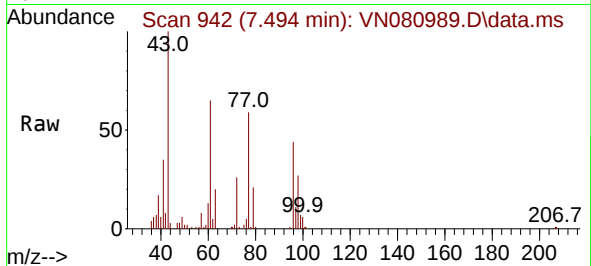
#31
2,2-Dichloropropane
Concen: 5.193 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 77 Resp: 3588
Ion Ratio Lower Upper
77 100
97 23.0 18.3 27.5

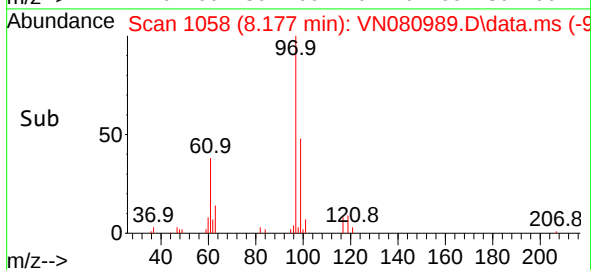
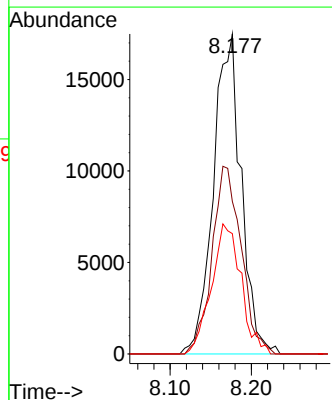
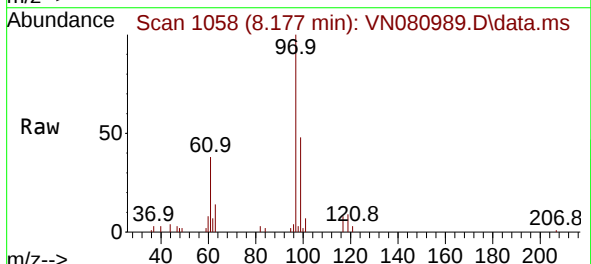
Manual Integrations
APPROVED

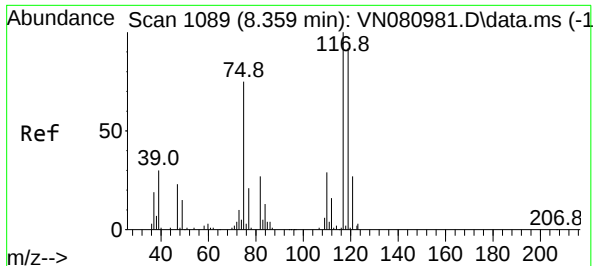
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#32
1,1,1-Trichloroethane
Concen: 5.450 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

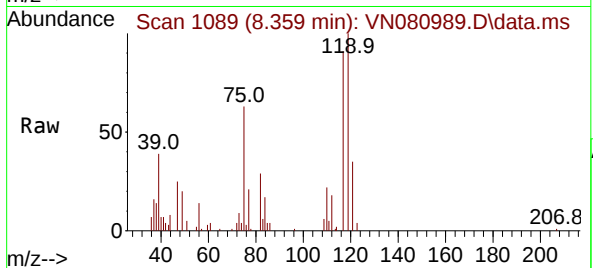
Tgt Ion: 97 Resp: 41615
Ion Ratio Lower Upper
97 100
99 61.3 51.0 76.4
61 43.4 33.8 50.8





#33
Carbon Tetrachloride
Concen: 4.834 ug/l
RT: 8.359 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

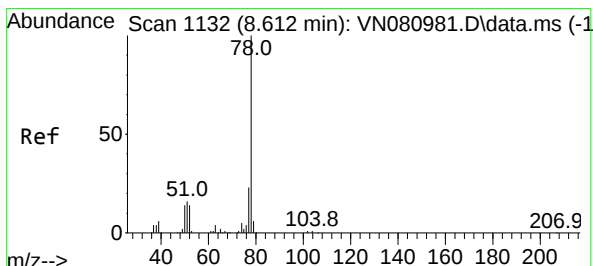
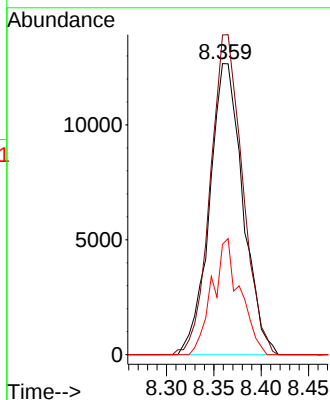
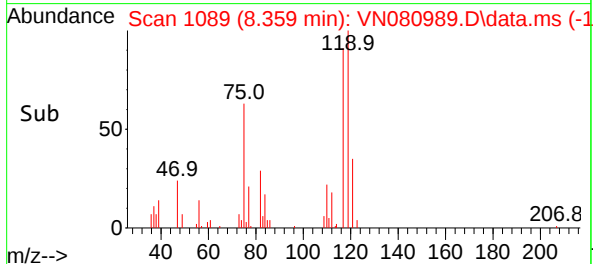
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:117 Resp: 31100
Ion Ratio Lower Upper
117 100
119 109.8 77.7 116.5
121 37.9 27.0 40.6

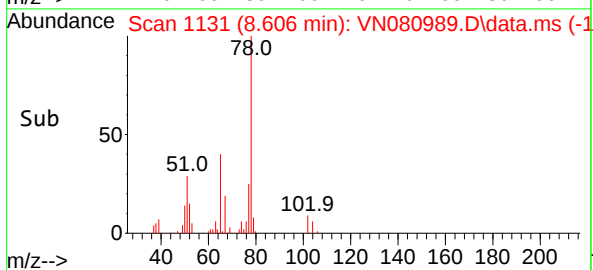
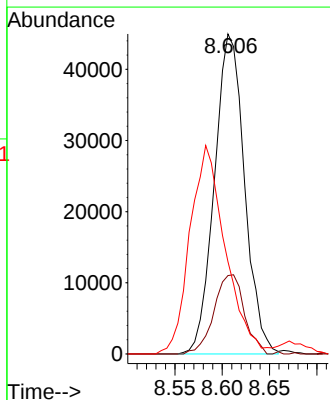
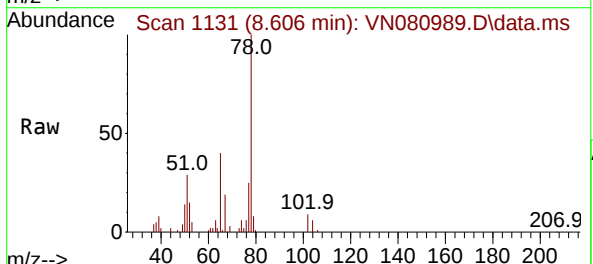
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#34
Benzene
Concen: 5.372 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

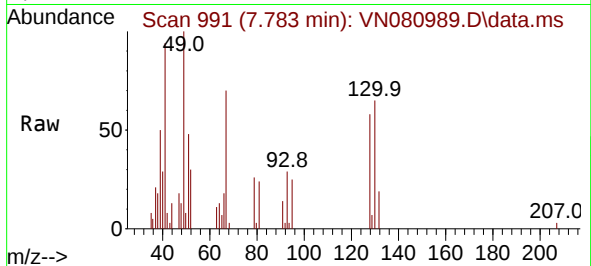
Tgt Ion: 78 Resp: 99643
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8
51 26.4 13.3 19.9#





#35
Methacrylonitrile
Concen: 6.175 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

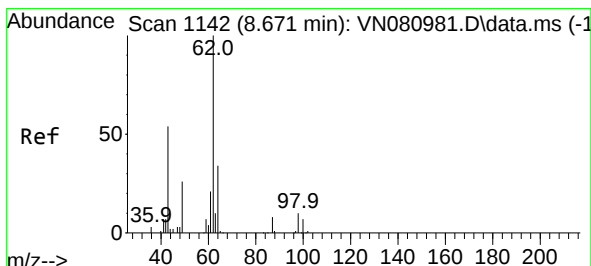
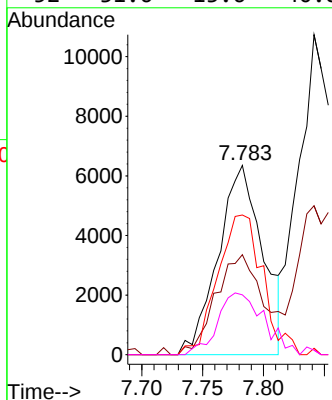
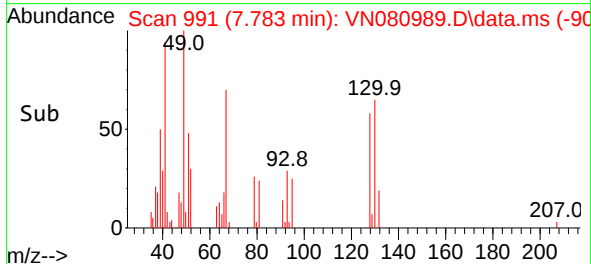
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 41 Resp: 1616
Ion Ratio Lower Upper
41 100
39 52.8 25.3 75.9
67 73.8 38.7 116.1
52 31.6 13.6 40.8

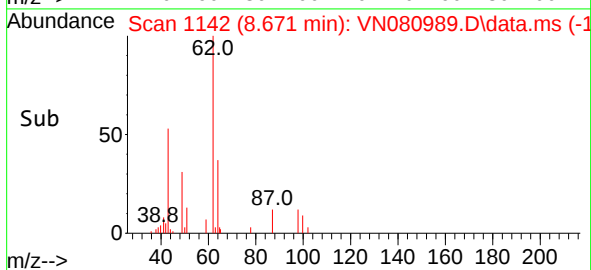
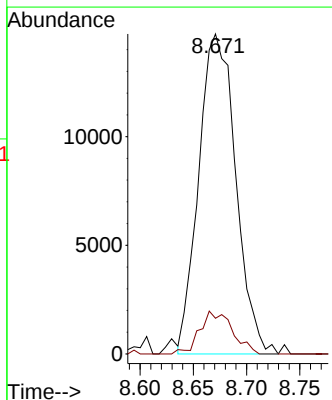
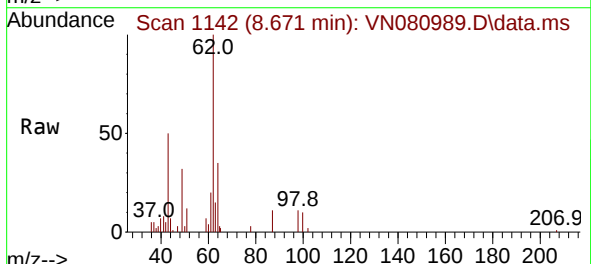
Manual Integrations
APPROVED

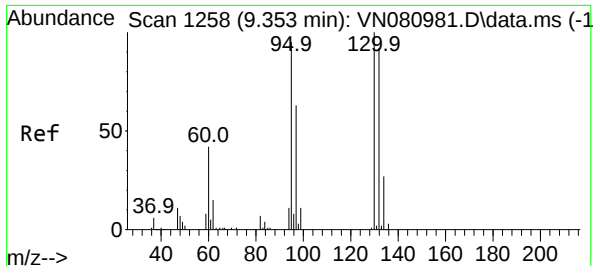
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#36
1,2-Dichloroethane
Concen: 5.716 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Tgt Ion: 62 Resp: 35584
Ion Ratio Lower Upper
62 100
98 5.2 8.2 12.4#





#37

Trichloroethene

Concen: 5.176 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080989.D

Acq: 09 Feb 2024 15:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:130 Resp: 25524

Ion Ratio Lower Upper

130 100

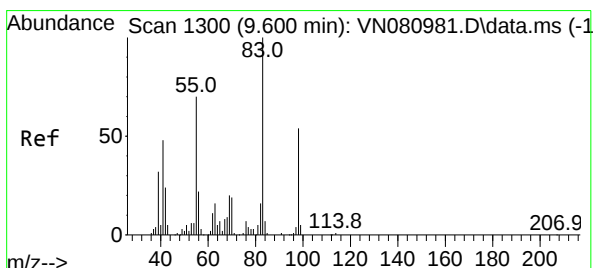
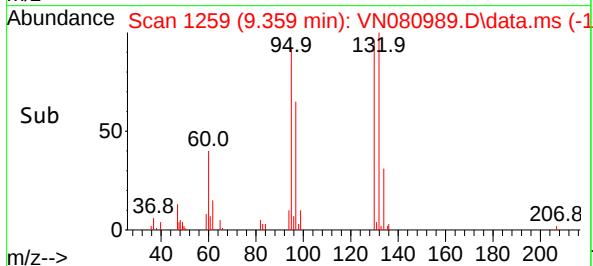
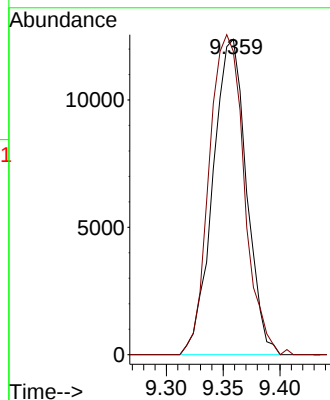
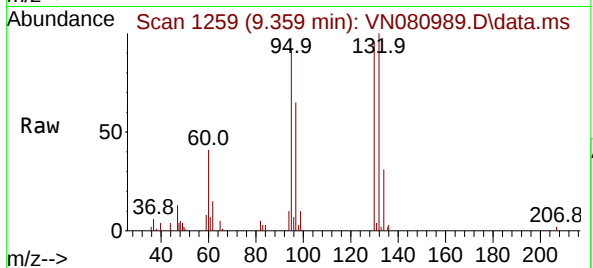
95 96.2 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#38

Methylcyclohexane

Concen: 4.909 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN080989.D

Acq: 09 Feb 2024 15:09

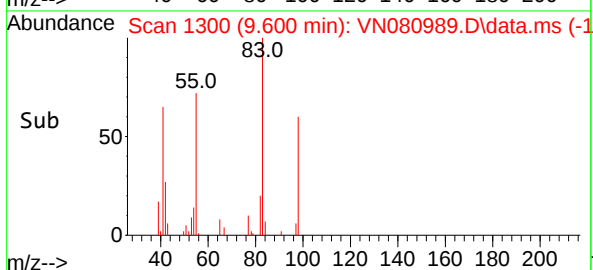
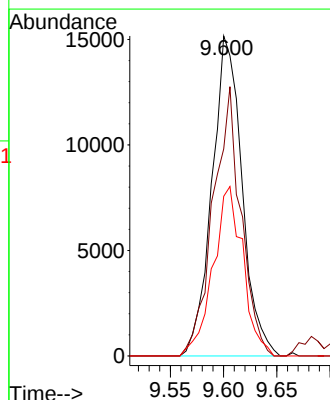
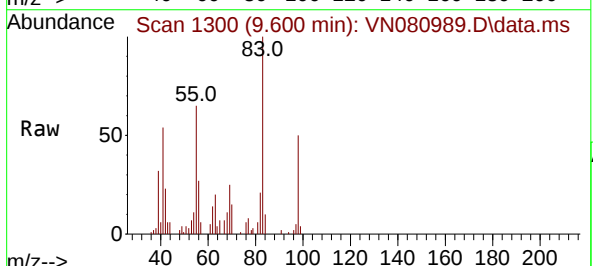
Tgt Ion: 83 Resp: 29735

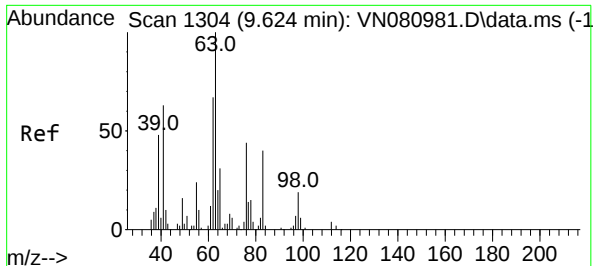
Ion Ratio Lower Upper

83 100

55 78.1 36.6 109.9

98 52.5 23.8 71.5





#39

1,2-Dichloropropane

Concen: 5.276 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN080989.D

Acq: 09 Feb 2024 15:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 63 Resp: 2321

Ion Ratio Lower Upper

63 100

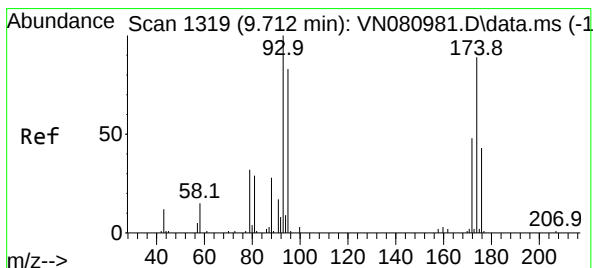
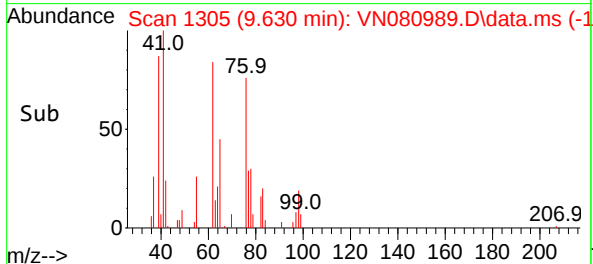
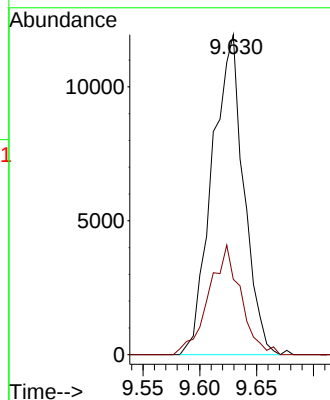
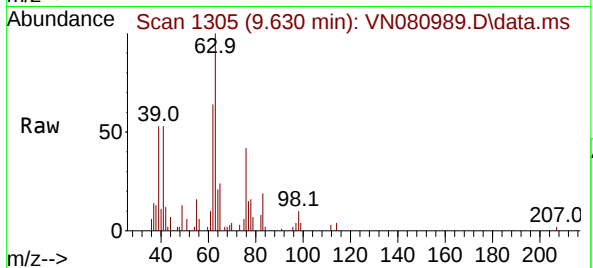
65 23.5 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#40

Dibromomethane

Concen: 5.292 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080989.D

Acq: 09 Feb 2024 15:09

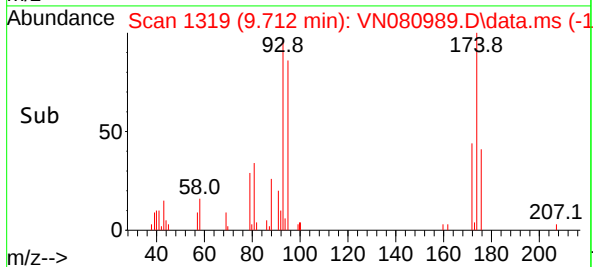
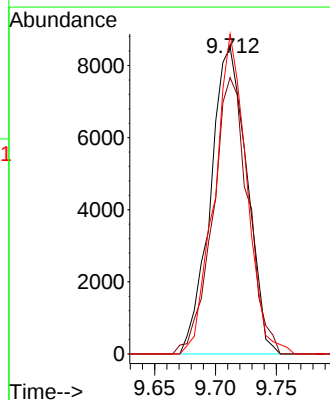
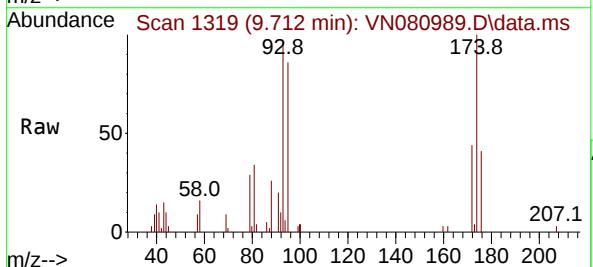
Tgt Ion: 93 Resp: 17714

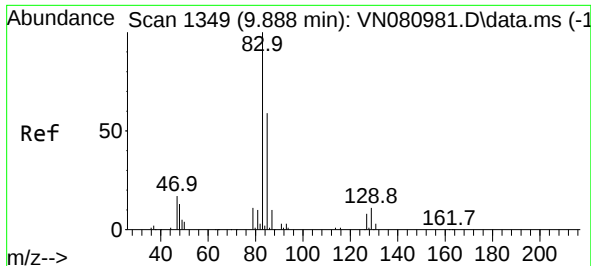
Ion Ratio Lower Upper

93 100

95 87.3 0.0 164.6

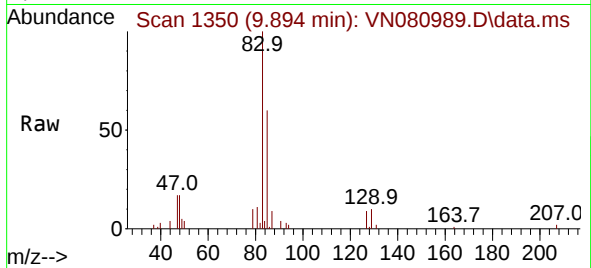
174 92.1 0.0 193.2





#41
Bromodichloromethane
Concen: 5.116 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

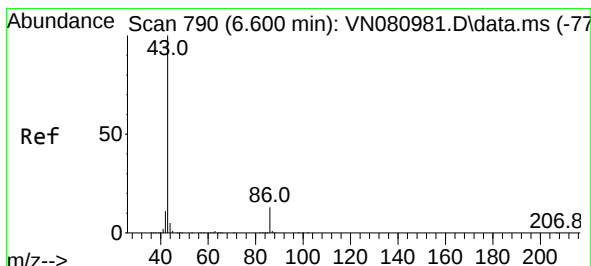
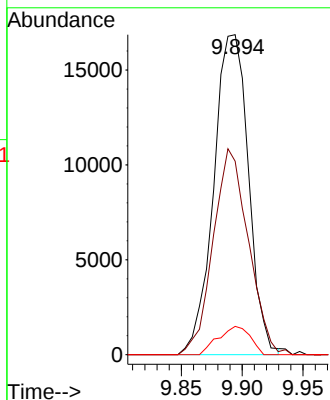
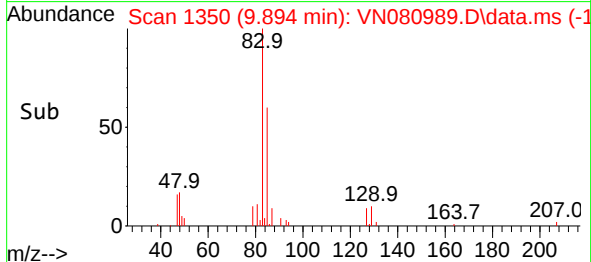
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 83 Resp: 3351
Ion Ratio Lower Upper
83 100
85 60.4 49.4 74.2
127 8.9 7.3 10.9

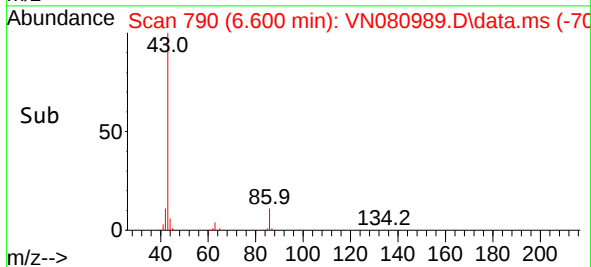
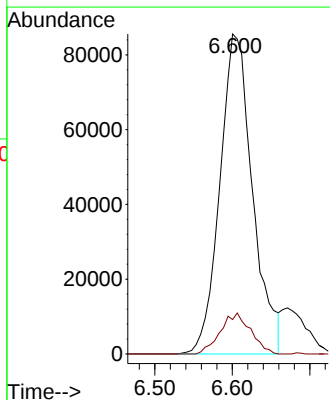
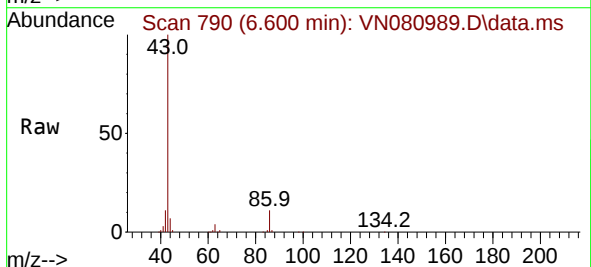
Manual Integrations
APPROVED

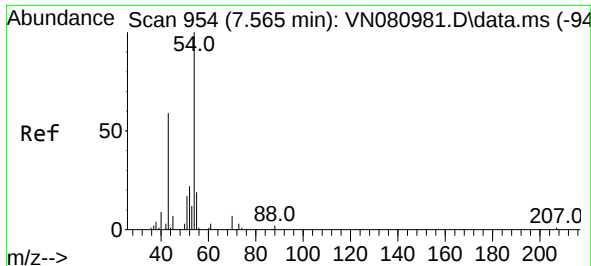
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#42
Vinyl Acetate
Concen: 26.404 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Tgt Ion: 43 Resp: 251520
Ion Ratio Lower Upper
43 100
86 11.9 9.4 14.2





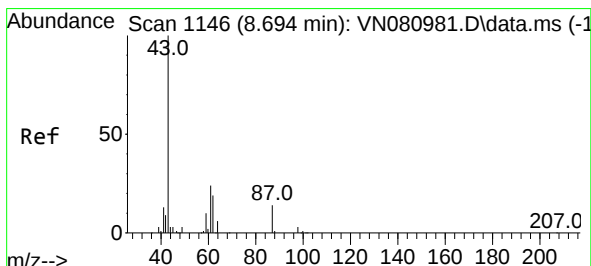
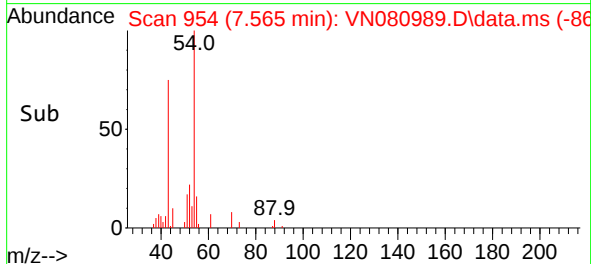
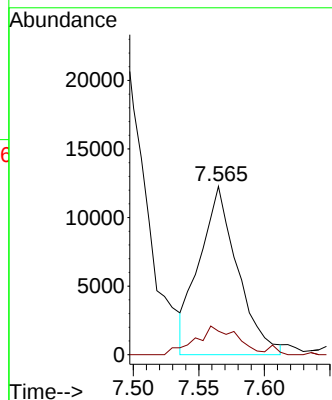
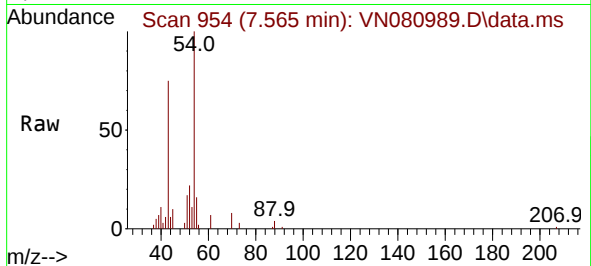
#43
Ethyl Acetate
Concen: 5.362 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 43 Resp: 24874
Ion Ratio Lower Upper
43 100
45 13.1 10.6 15.8

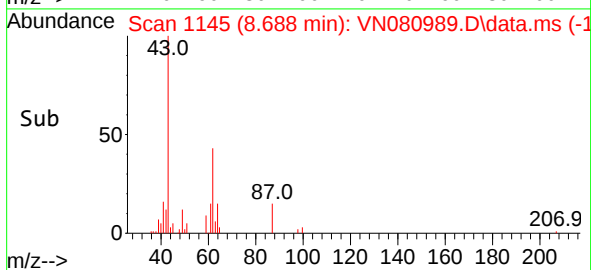
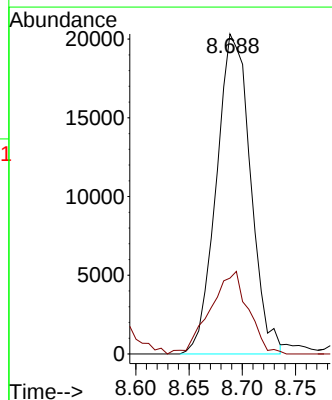
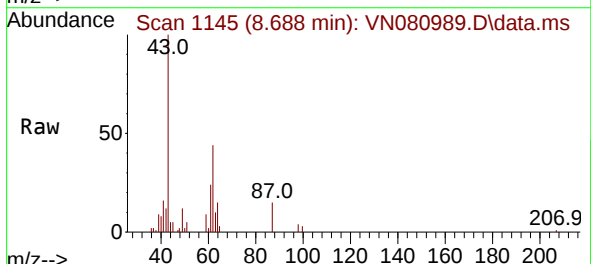
Manual Integrations
APPROVED

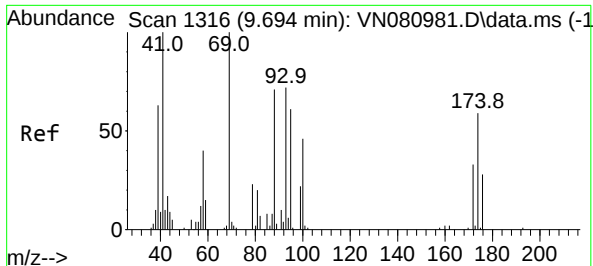
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#44
Isopropyl Acetate
Concen: 5.433 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Tgt Ion: 43 Resp: 45283
Ion Ratio Lower Upper
43 100
61 27.9 25.0 37.4





#45

1,4-Dioxane

Concen: 108.179 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN080989.D

Acq: 09 Feb 2024 15:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

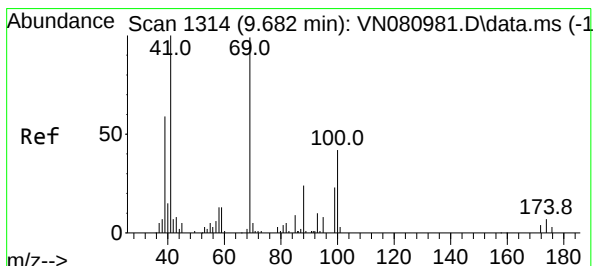
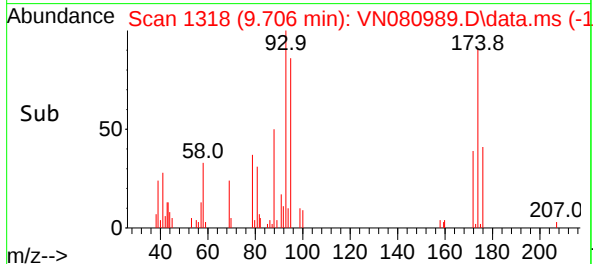
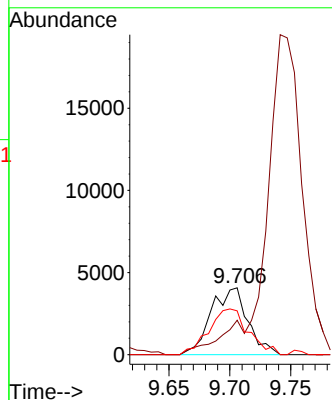
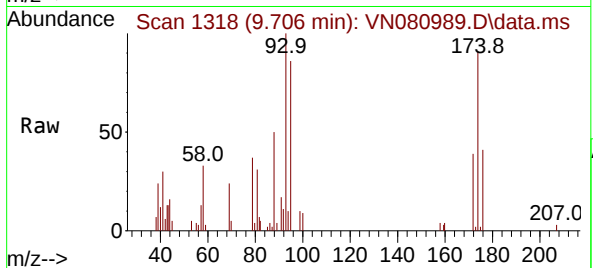
Tgt Ion: 88	Resp: 855
Ion Ratio	Lower Upper
88 100	
43 36.7	19.8 29.6
58 73.5	55.4 83.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#46

Methyl methacrylate

Concen: 5.350 ug/l

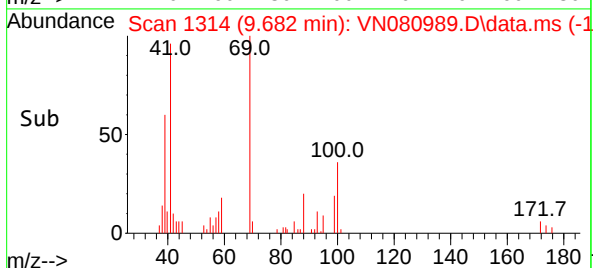
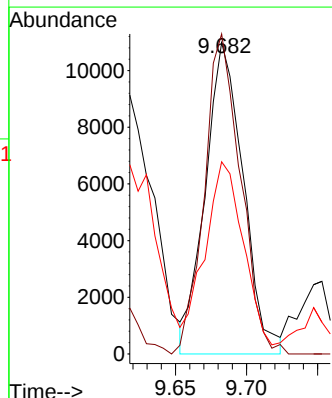
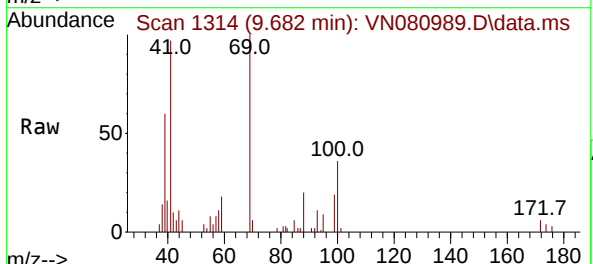
RT: 9.682 min Scan# 1314

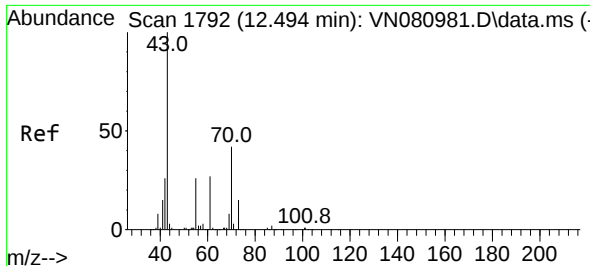
Delta R.T. 0.000 min

Lab File: VN080989.D

Acq: 09 Feb 2024 15:09

Tgt Ion: 41	Resp: 20401
Ion Ratio	Lower Upper
41 100	
69 105.6	51.1 153.3
39 61.4	25.8 77.3





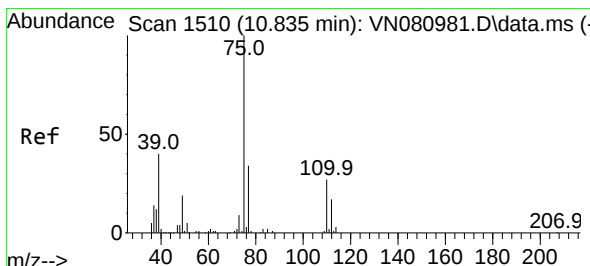
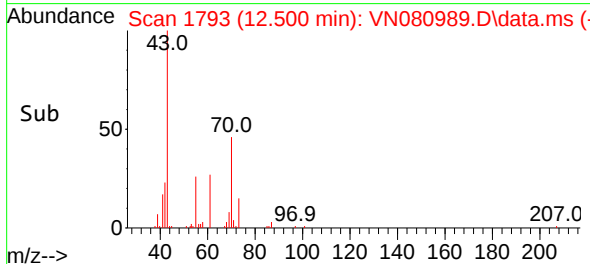
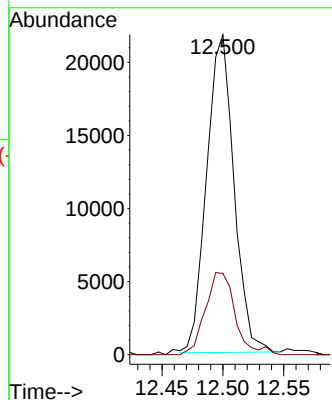
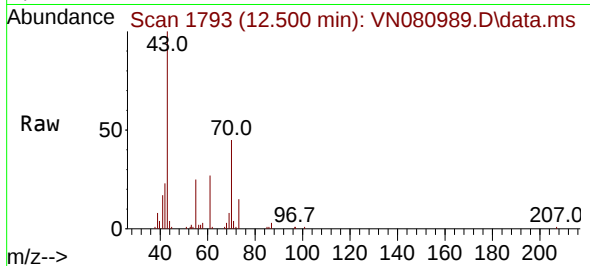
#47
n-amy1 Acetate
Concen: 4.670 ug/l
RT: 12.500 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 43 Resp: 3394
Ion Ratio Lower Upper
43 100
55 27.5 23.4 35.2

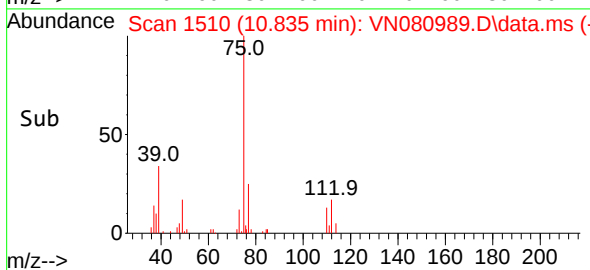
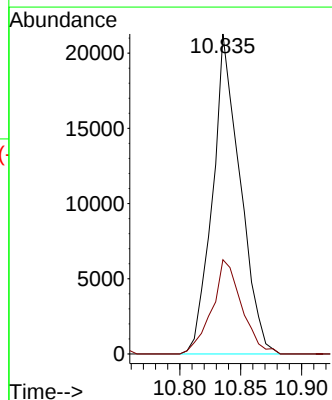
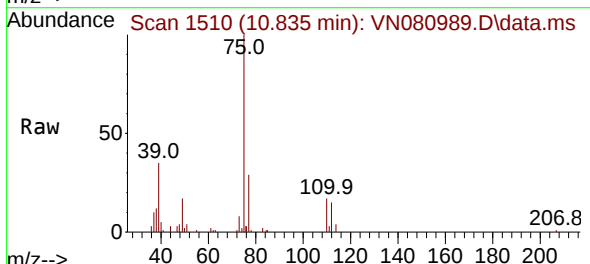
Manual Integrations
APPROVED

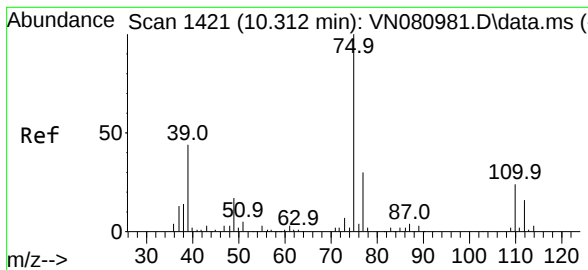
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#48
t-1,3-Dichloropropene
Concen: 4.893 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

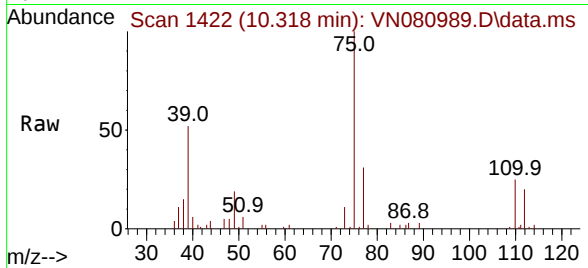
Tgt Ion: 75 Resp: 33595
Ion Ratio Lower Upper
75 100
77 29.5 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 5.025 ug/l
RT: 10.318 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

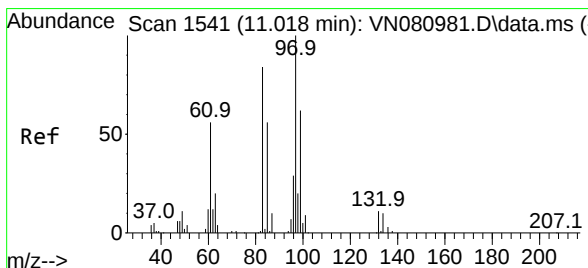
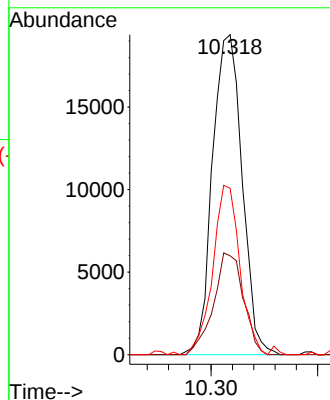
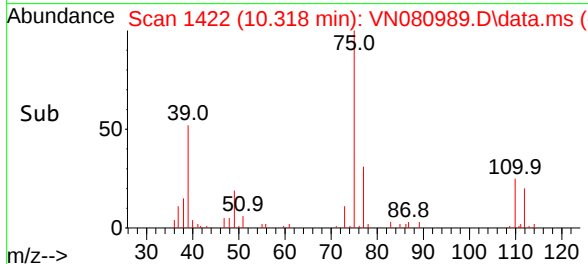
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion: 75 Resp: 3738
Ion Ratio Lower Upper
75 100
77 30.9 24.9 37.3
39 52.0 31.0 46.6

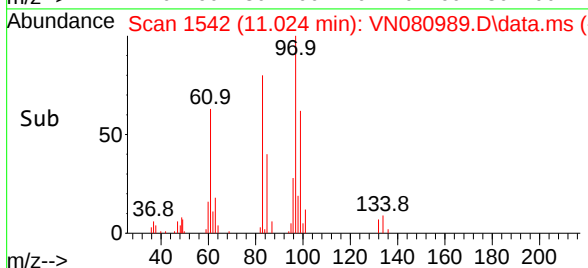
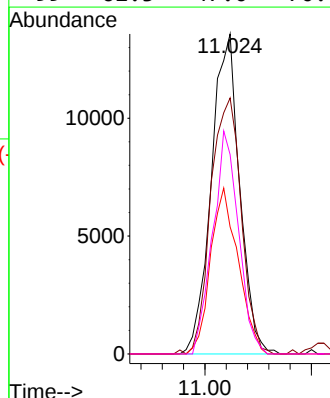
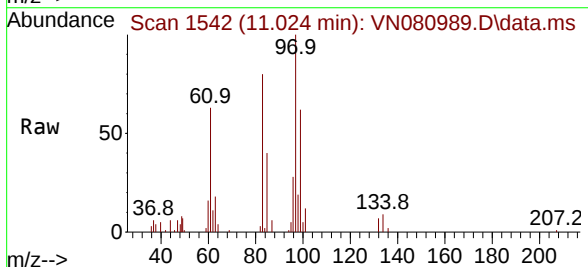
Manual Integrations
APPROVED

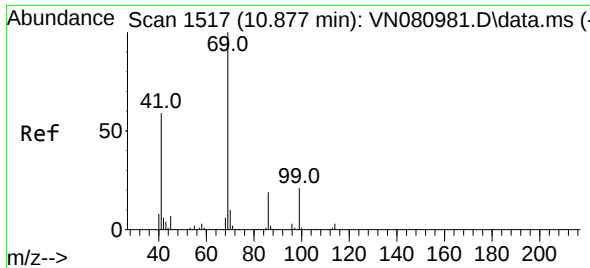
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#50
1,1,2-Trichloroethane
Concen: 5.419 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Tgt Ion: 97 Resp: 25100
Ion Ratio Lower Upper
97 100
83 80.0 68.1 102.1
85 39.7 41.8 62.6#
99 62.3 47.0 70.4





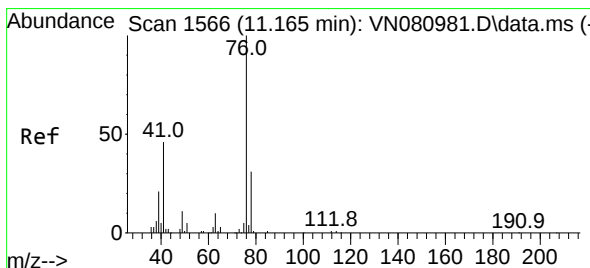
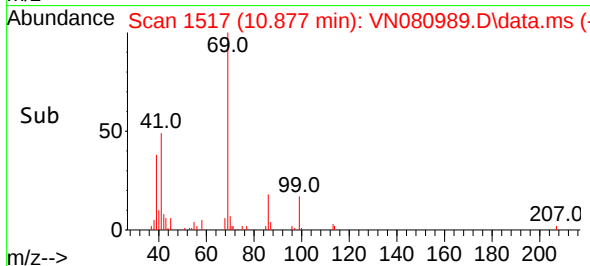
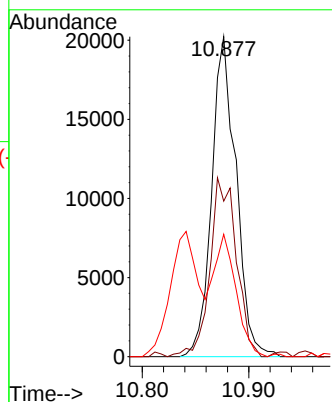
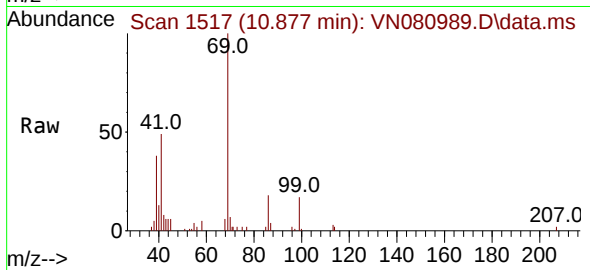
#51
Ethyl methacrylate
Concen: 4.959 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2024

Tgt Ion: 69 Resp: 32099
Ion Ratio Lower Upper
69 100
41 47.5 25.5 76.5
39 37.5 16.0 47.9

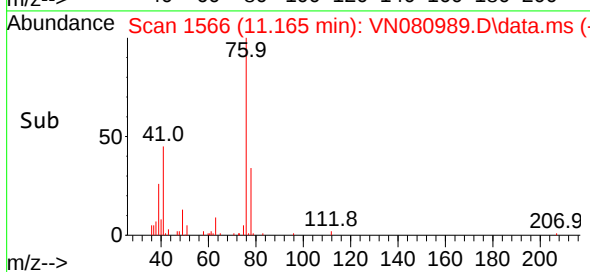
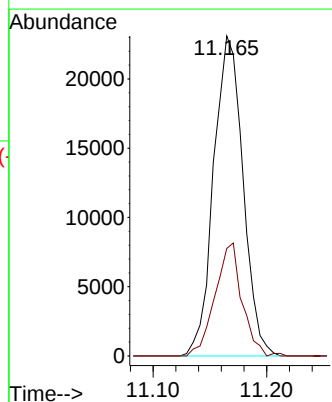
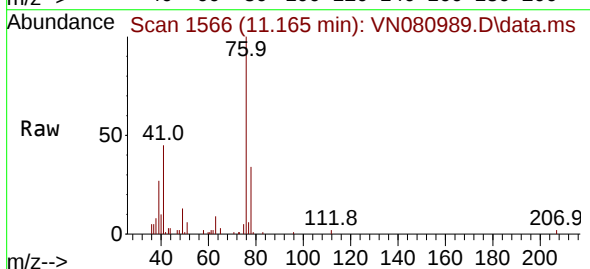
Manual Integrations
APPROVED

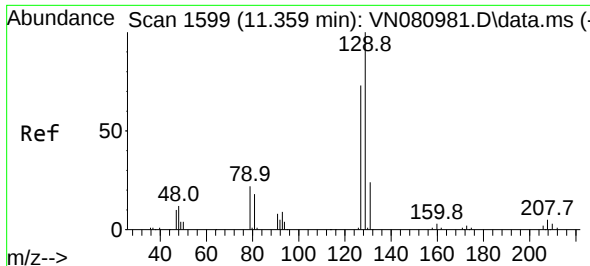
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#52
1,3-Dichloropropane
Concen: 5.433 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

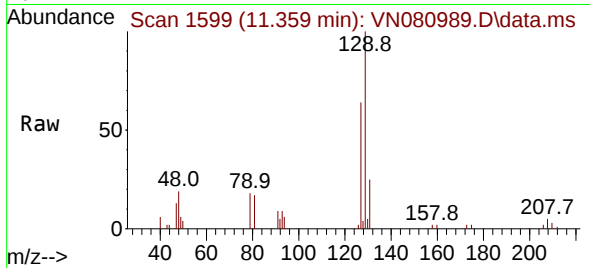
Tgt Ion: 76 Resp: 41556
Ion Ratio Lower Upper
76 100
78 32.1 0.0 65.8





#53
Dibromochloromethane
Concen: 4.809 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

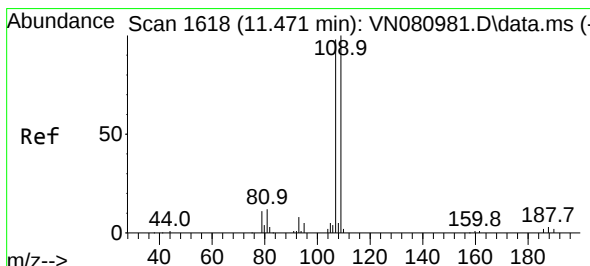
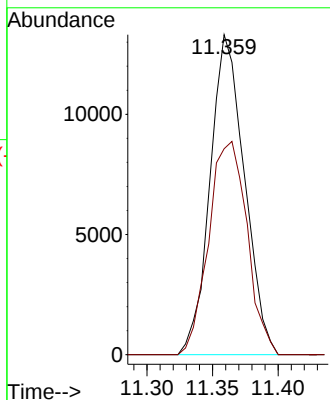
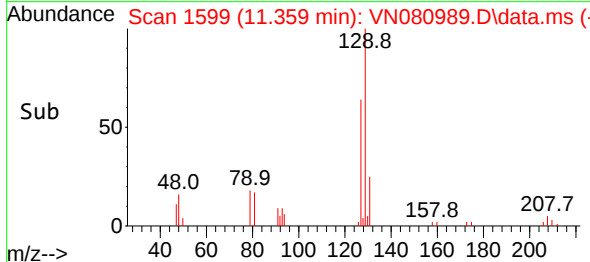
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



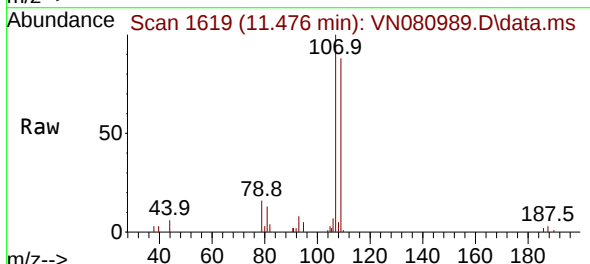
Tgt Ion:129 Resp: 24278
Ion Ratio Lower Upper
129 100
127 74.4 39.4 118.1

Manual Integrations
APPROVED

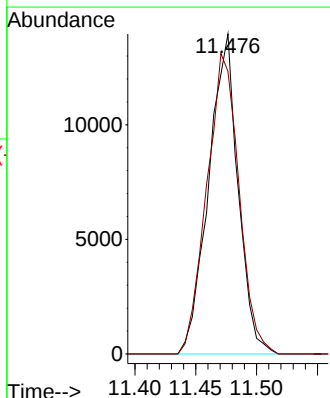
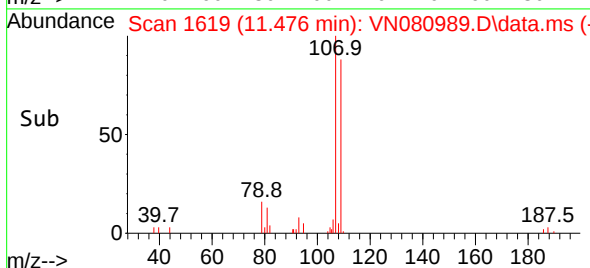
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

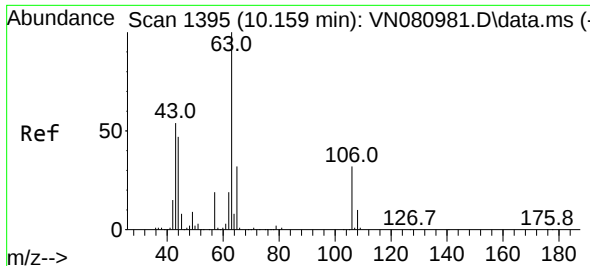


#54
1,2-Dibromoethane
Concen: 4.892 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09



Tgt Ion:107 Resp: 23440
Ion Ratio Lower Upper
107 100
109 103.0 74.7 112.1





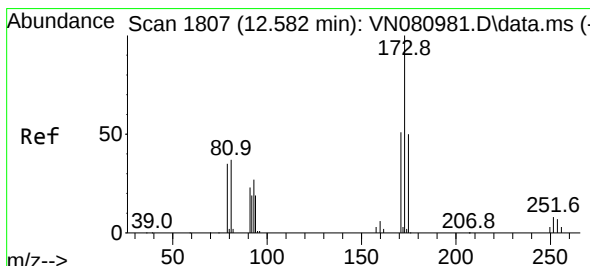
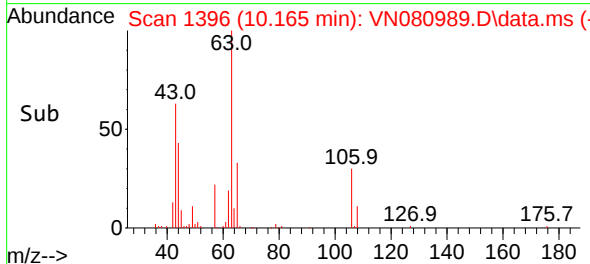
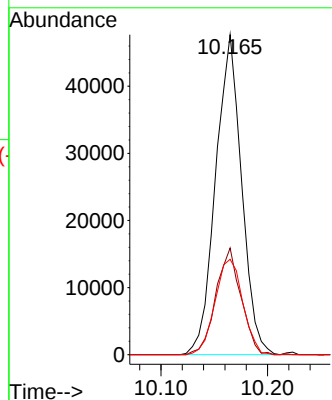
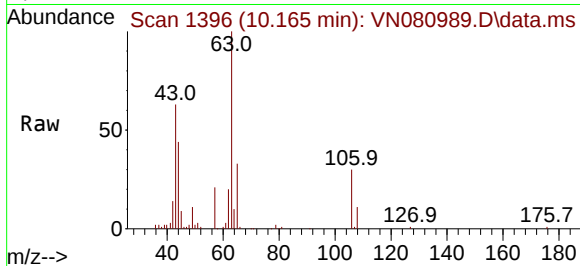
#55
2-Chloroethyl vinyl ether
Concen: 24.331 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 63 Resp: 80714
Ion Ratio Lower Upper
63 100
65 32.2 26.2 39.2
106 31.8 23.8 35.8

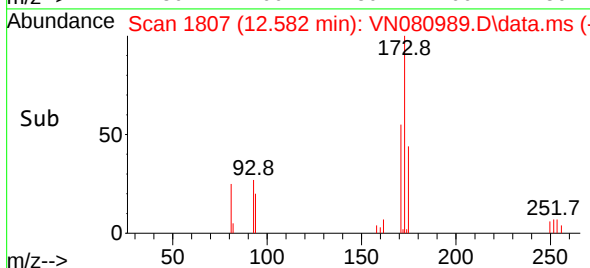
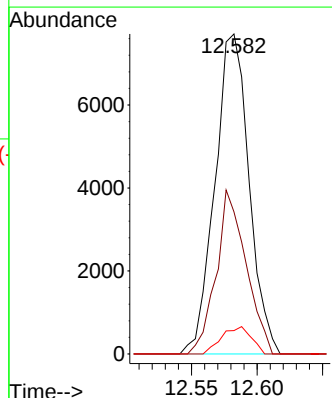
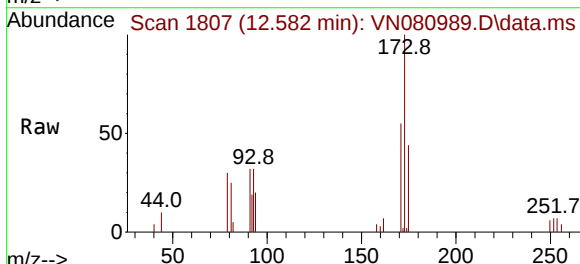
Manual Integrations
APPROVED

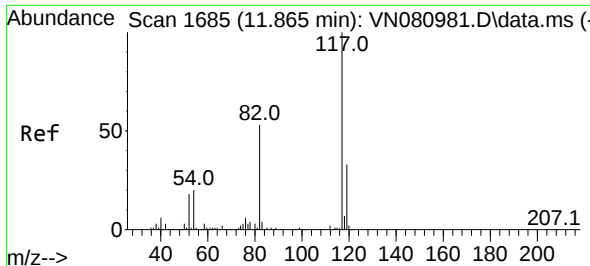
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#56
Bromoform
Concen: 4.336 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

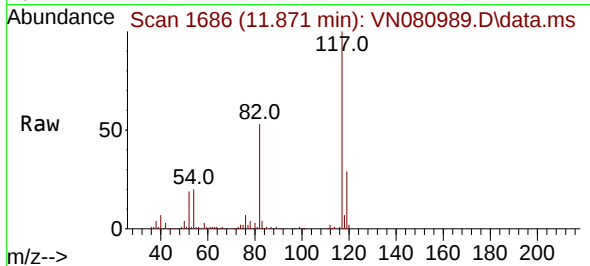
Tgt Ion:173 Resp: 13939
Ion Ratio Lower Upper
173 100
175 44.8 40.0 60.0
254 7.4 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

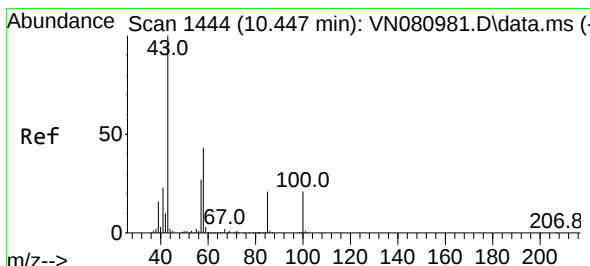
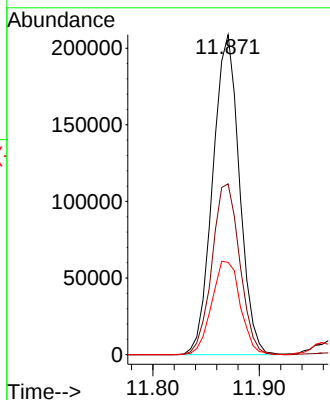
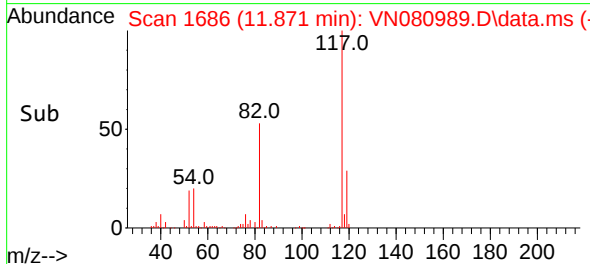
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:117 Resp: 363104
Ion Ratio Lower Upper
117 100
82 55.4 46.6 69.8
119 31.3 25.4 38.2

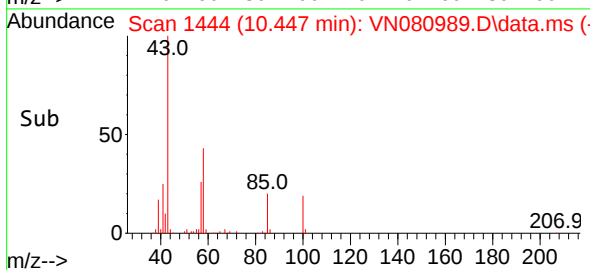
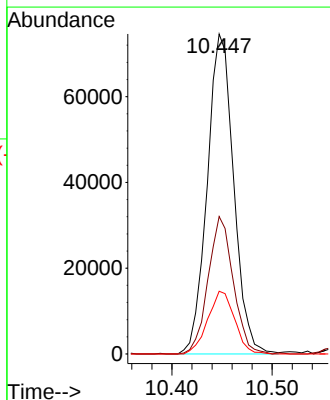
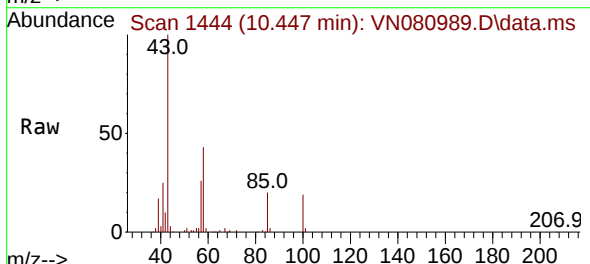
Manual Integrations
APPROVED

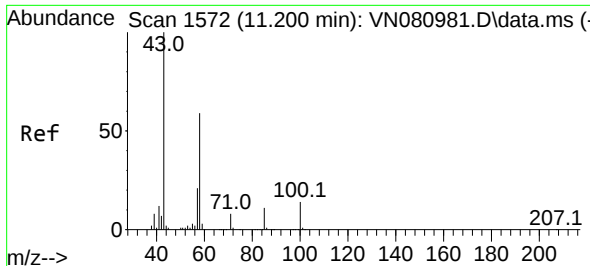
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#58
4-Methyl-2-Pentanone
Concen: 29.078 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Tgt Ion: 43 Resp: 137077
Ion Ratio Lower Upper
43 100
58 40.7 36.5 54.7
85 19.8 19.5 29.3





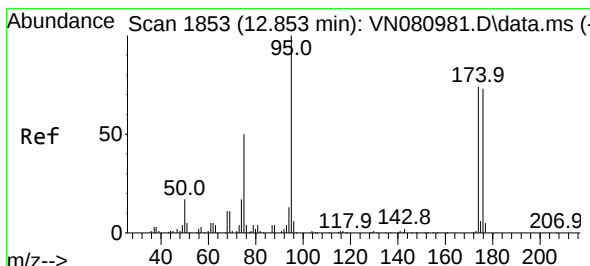
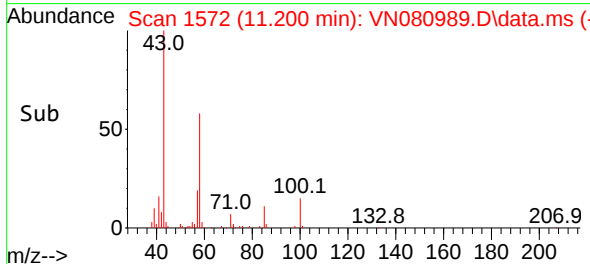
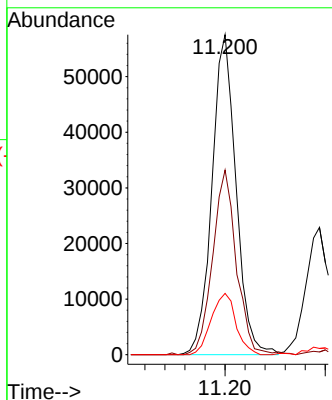
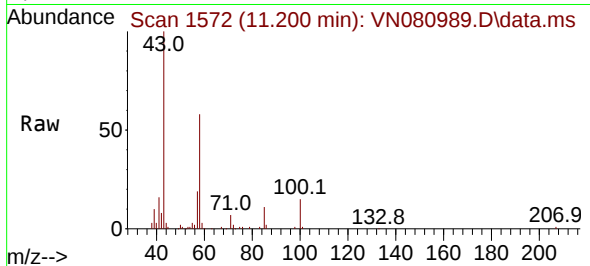
#59
2-Hexanone
Concen: 27.641 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 43 Resp: 9583
Ion Ratio Lower Upper
43 100
58 56.6 50.4 75.6
57 19.6 18.6 27.8

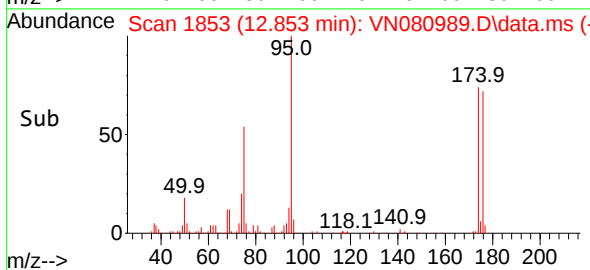
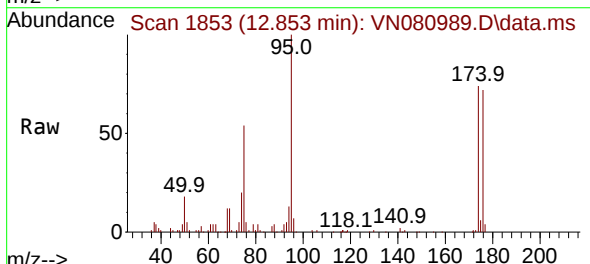
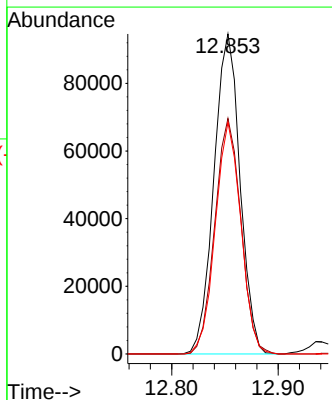
Manual Integrations
APPROVED

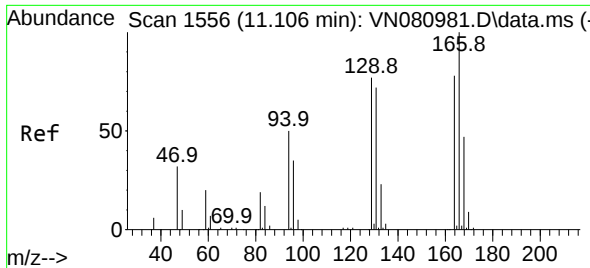
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#60
4-Bromofluorobenzene
Concen: 29.042 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

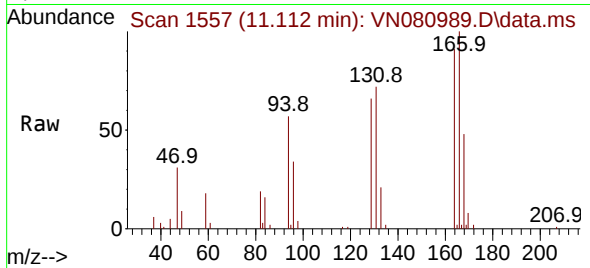
Tgt Ion: 95 Resp: 161212
Ion Ratio Lower Upper
95 100
174 73.3 60.5 90.7
176 70.8 57.8 86.6





#61
Tetrachloroethene
Concen: 5.725 ug/l
RT: 11.112 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

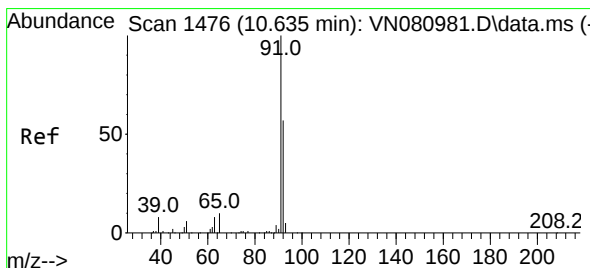
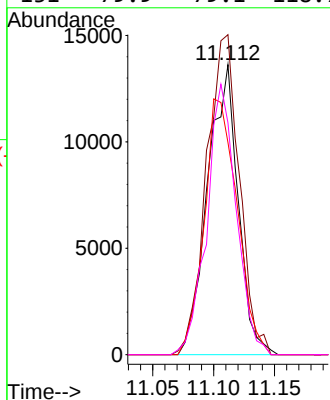
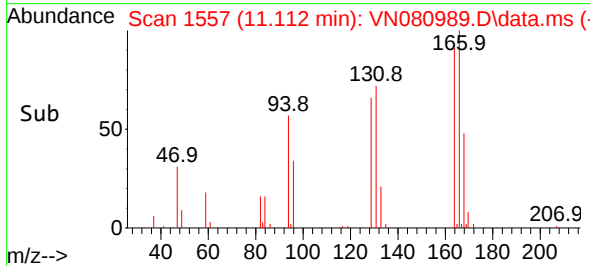
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



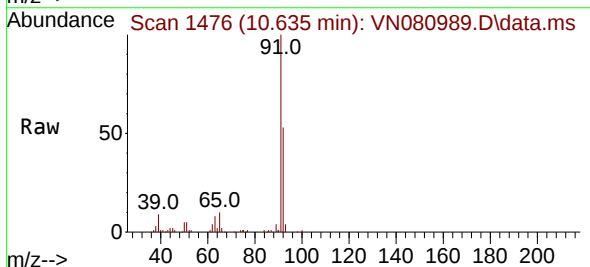
Tgt Ion:164 Resp: 23744
Ion Ratio Lower Upper
164 100
166 110.3 106.7 160.1
129 73.2 85.8 128.6
131 79.9 79.1 118.7

Manual Integrations
APPROVED

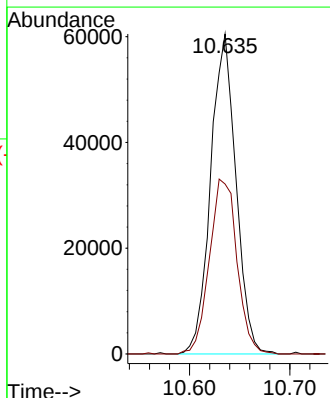
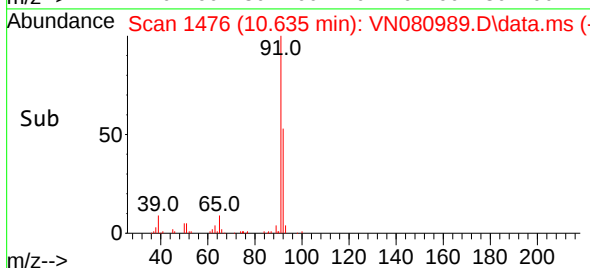
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

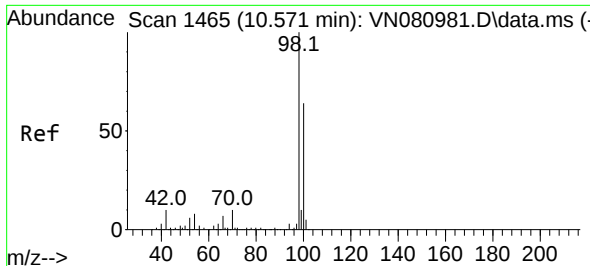


#62
Toluene
Concen: 5.328 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09



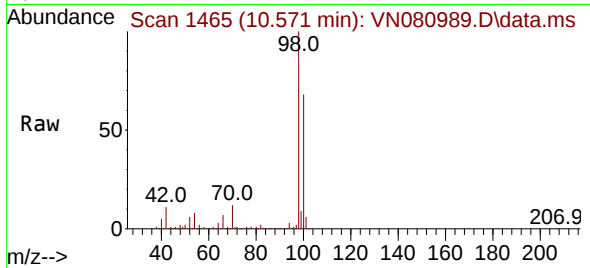
Tgt Ion: 91 Resp: 105976
Ion Ratio Lower Upper
91 100
92 59.5 46.5 69.7





#63
Toluene-d8
Concen: 30.275 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

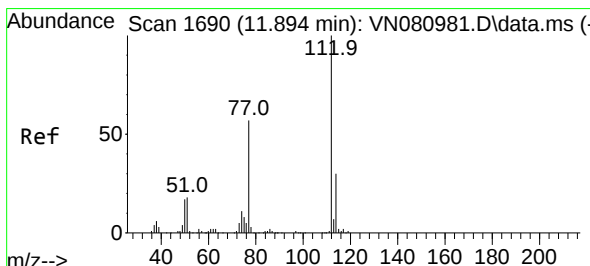
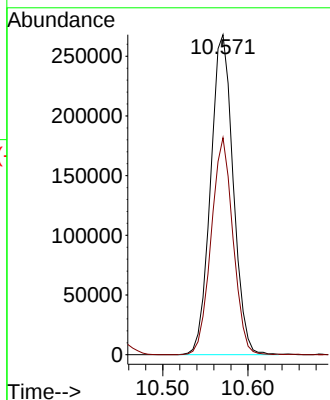
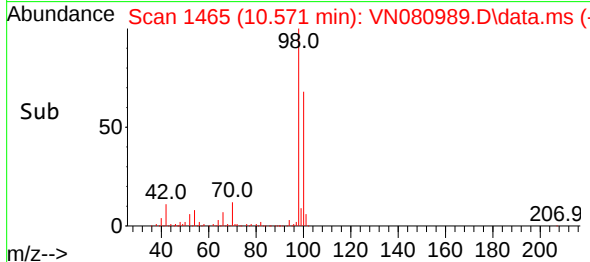
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion: 98 Resp: 493324
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1

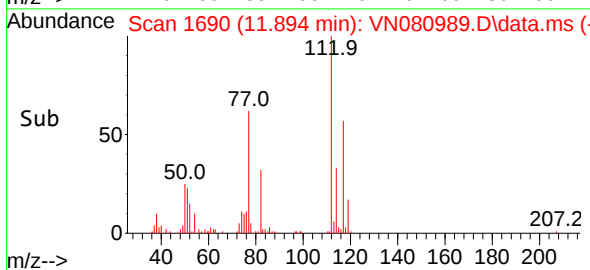
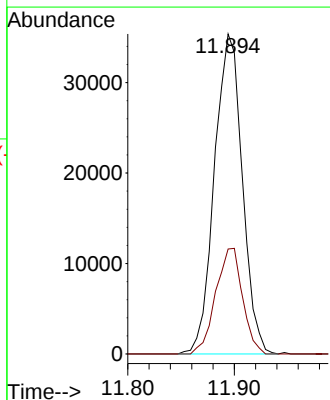
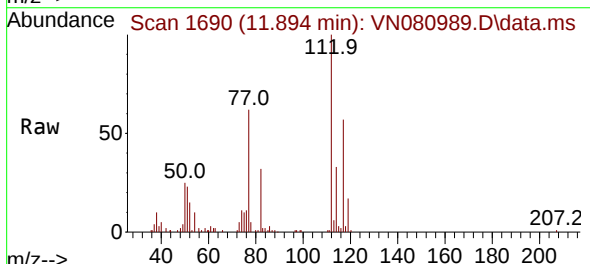
Manual Integrations
APPROVED

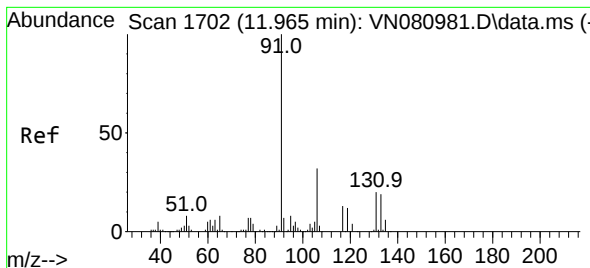
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#64
Chlorobenzene
Concen: 5.273 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Tgt Ion:112 Resp: 64234
Ion Ratio Lower Upper
112 100
114 32.8 26.6 39.8





#65

1,1,1,2-Tetrachloroethane

Concen: 5.089 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN080989.D

Acq: 09 Feb 2024 15:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

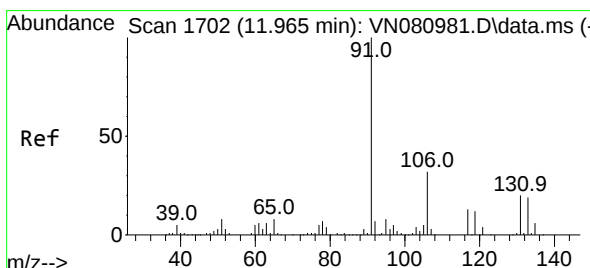
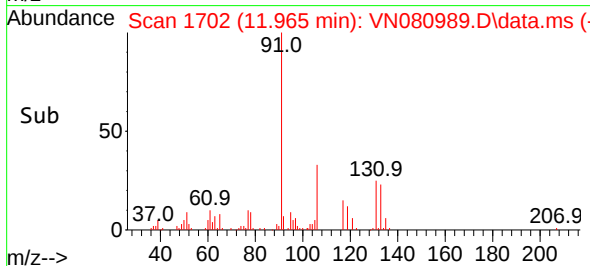
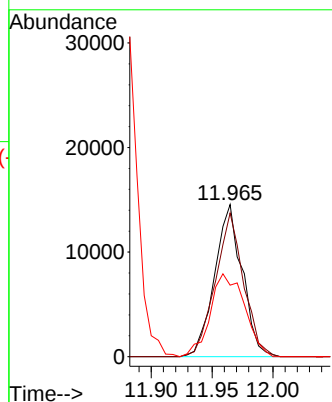
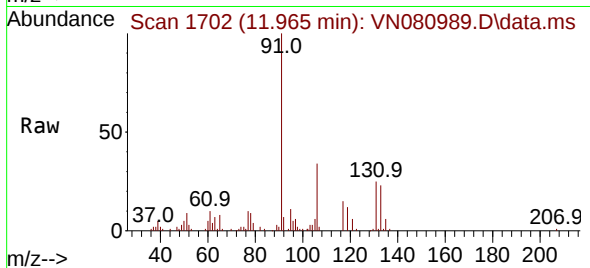
Tgt Ion:	131	Resp:	22990
Ion Ratio	Lower	Upper	
131	100		
133	96.2	0.0	188.0
119	67.9	0.0	122.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#66

Ethyl Benzene

Concen: 5.164 ug/l

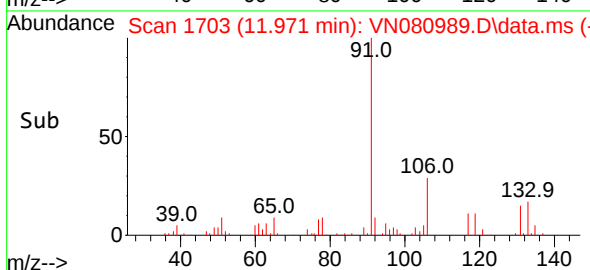
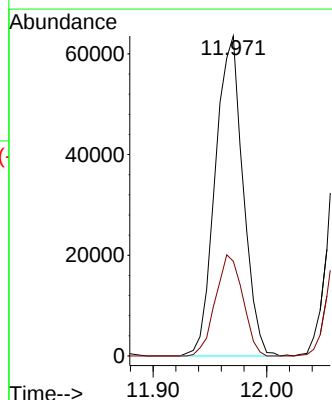
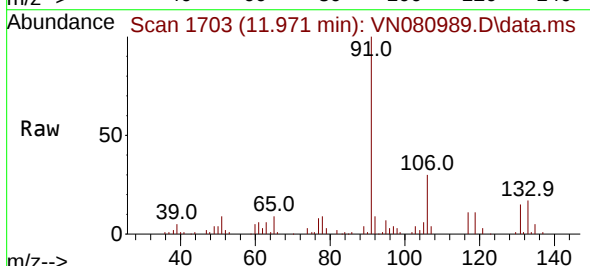
RT: 11.971 min Scan# 1703

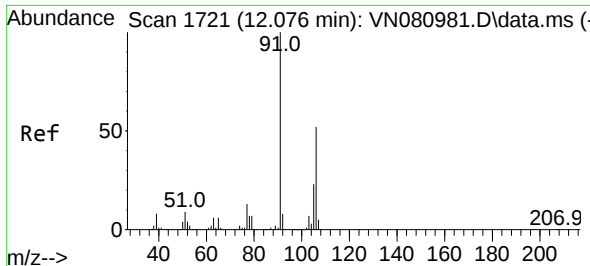
Delta R.T. 0.006 min

Lab File: VN080989.D

Acq: 09 Feb 2024 15:09

Tgt Ion:	91	Resp:	108006
Ion Ratio	Lower	Upper	
91	100		
106	29.6	24.4	36.6





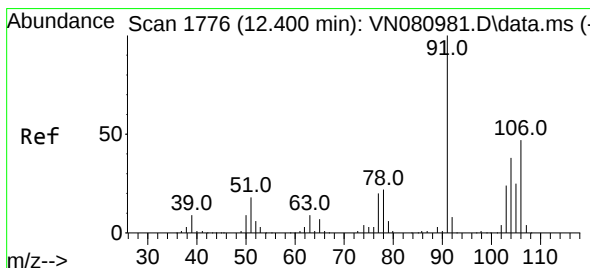
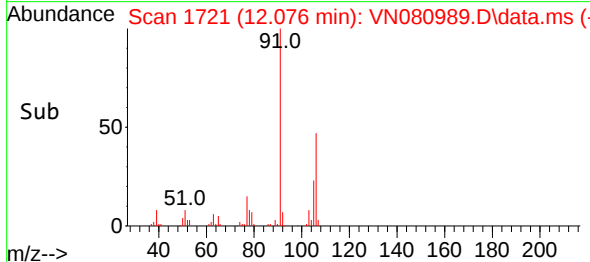
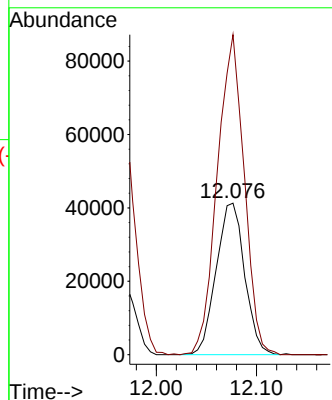
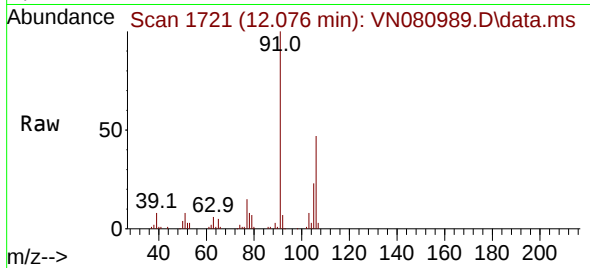
#67
m/p-Xylenes
Concen: 9.889 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion:106 Resp: 81219
Ion Ratio Lower Upper
106 100
91 199.9 166.6 249.8

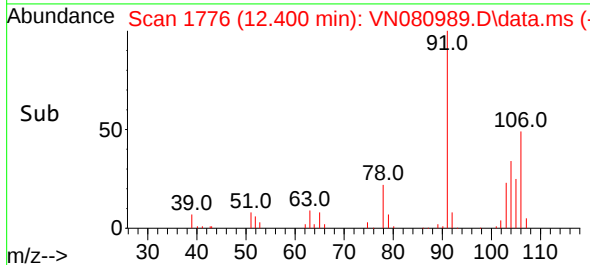
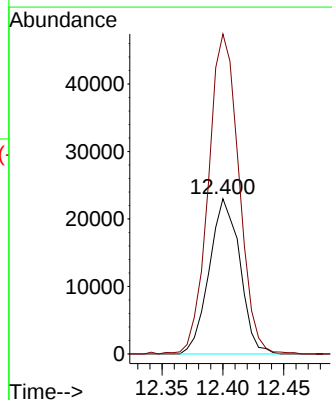
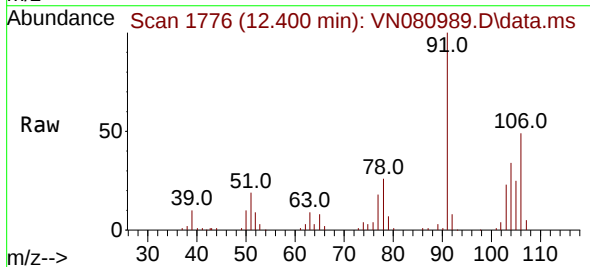
Manual Integrations
APPROVED

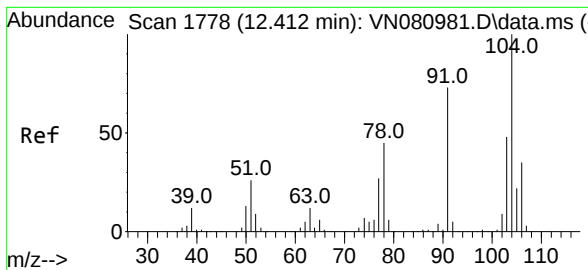
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#68
o-Xylene
Concen: 5.007 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Tgt Ion:106 Resp: 40302
Ion Ratio Lower Upper
106 100
91 205.7 110.0 330.0





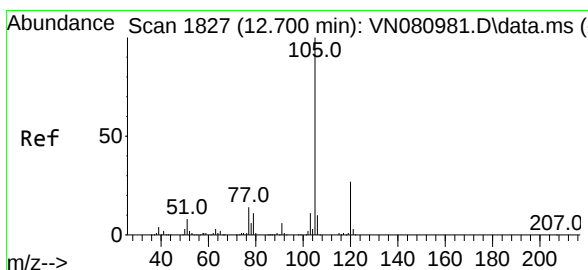
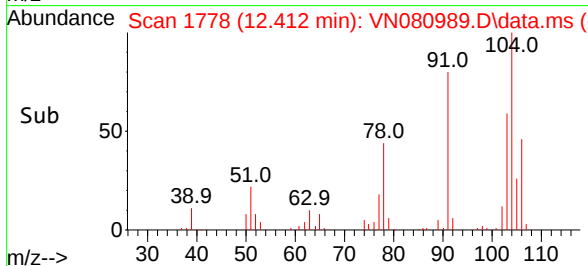
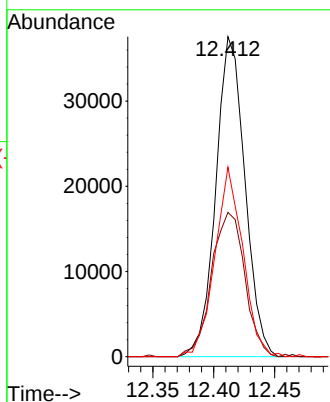
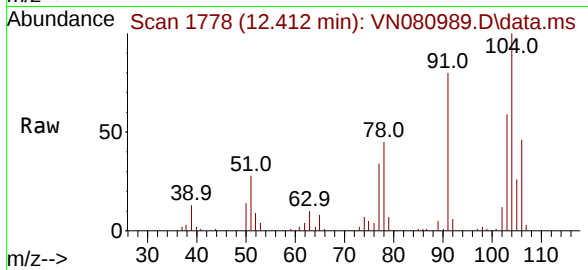
#69
Styrene
Concen: 4.722 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion:104 Resp: 62560
Ion Ratio Lower Upper
104 100
78 51.4 42.6 64.0
103 57.0 43.7 65.5

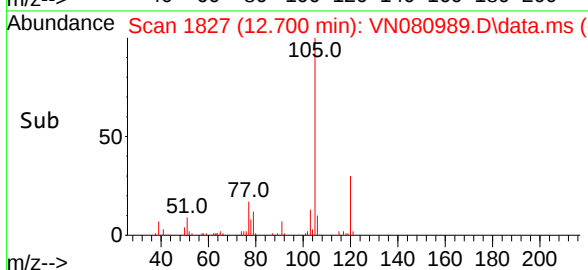
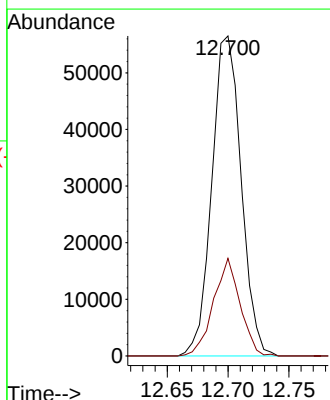
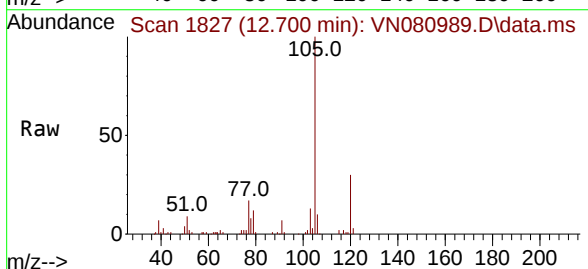
Manual Integrations
APPROVED

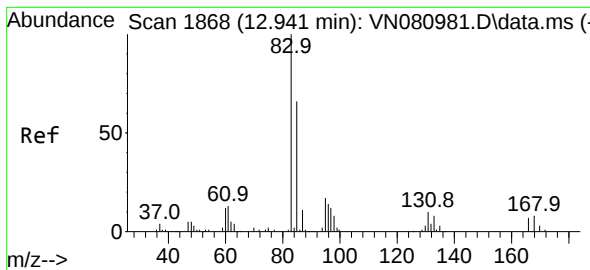
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#70
Isopropylbenzene
Concen: 4.829 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Tgt Ion:105 Resp: 94723
Ion Ratio Lower Upper
105 100
120 27.7 17.8 33.1





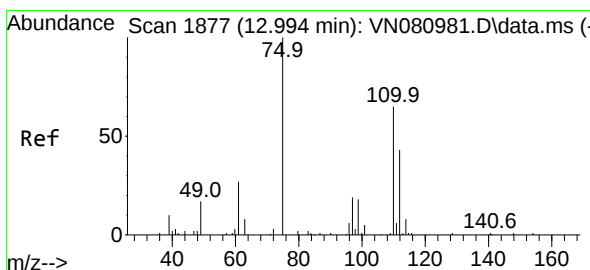
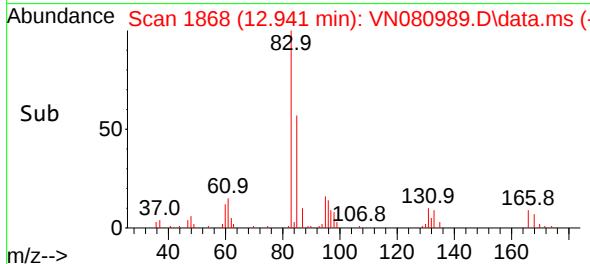
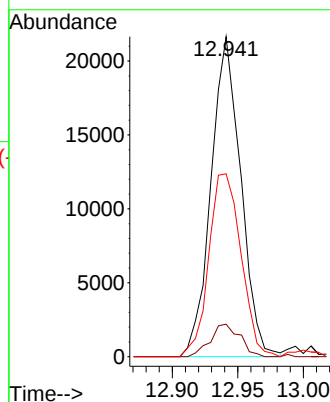
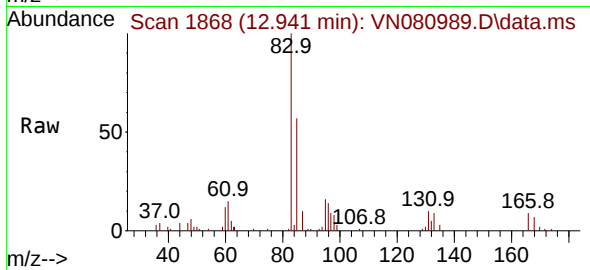
#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.653 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN080989.D
 Acq: 09 Feb 2024 15:09

Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Tgt Ion: 83 Resp: 34189
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.2 15.6
 85 61.7 32.3 96.8

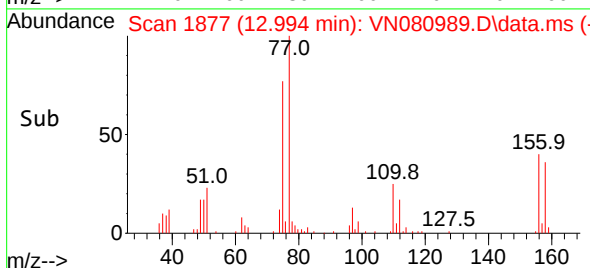
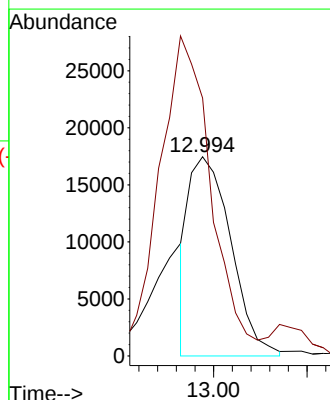
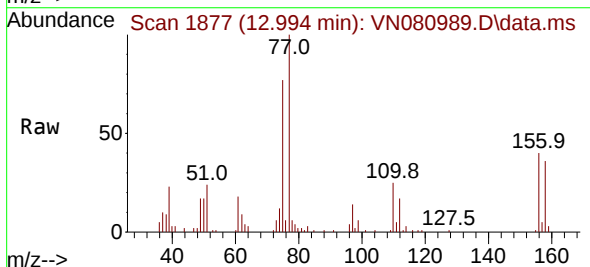
Manual Integrations
 APPROVED

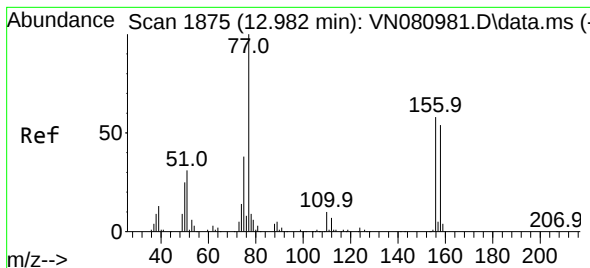
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#72
 1,2,3-Trichloropropane
 Concen: 5.751 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN080989.D
 Acq: 09 Feb 2024 15:09

Tgt Ion: 75 Resp: 27230
 Ion Ratio Lower Upper
 75 100
 77 199.3 0.0 367.6





#73

Bromobenzene

Concen: 4.908 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080989.D

Acq: 09 Feb 2024 15:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

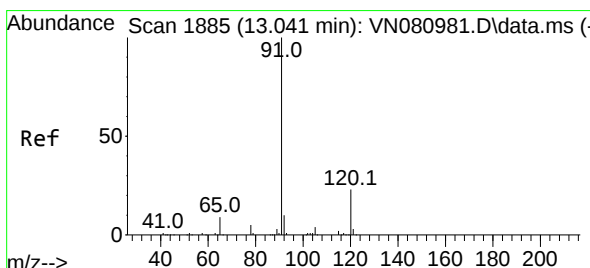
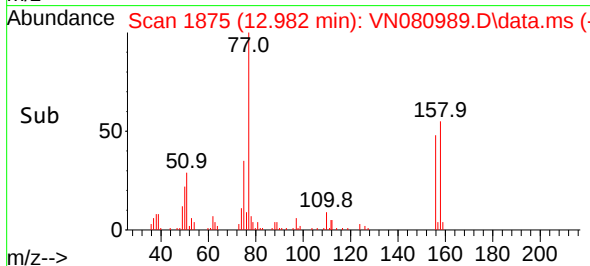
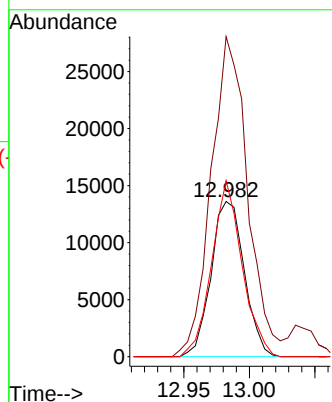
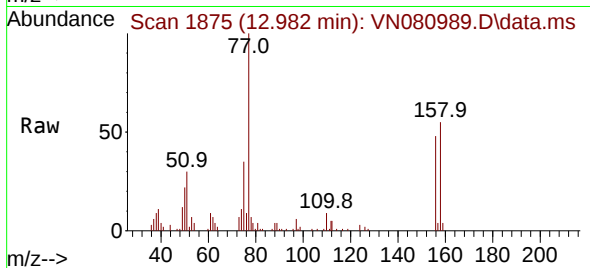
Tgt Ion:	156	Resp:	2394
Ion Ratio	Lower	Upper	
156	100		
77	226.6	0.0	437.6
158	104.3	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#74

n-propylbenzene

Concen: 4.899 ug/l

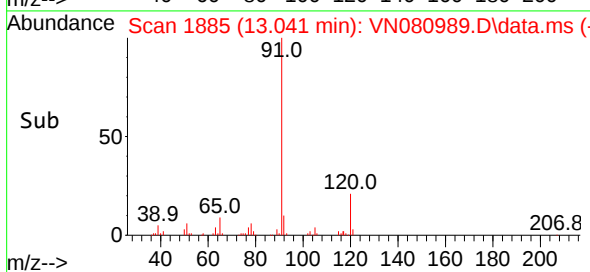
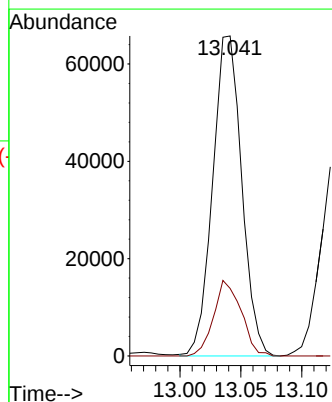
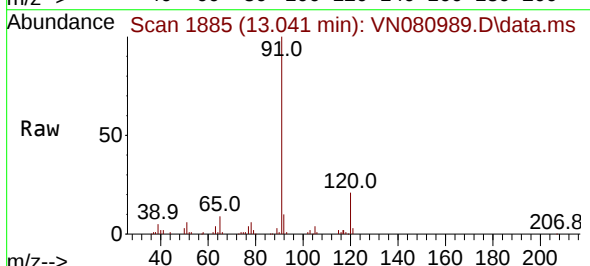
RT: 13.041 min Scan# 1885

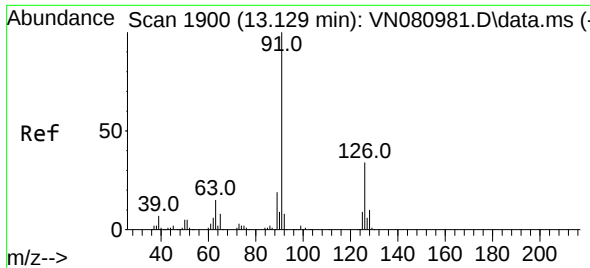
Delta R.T. 0.000 min

Lab File: VN080989.D

Acq: 09 Feb 2024 15:09

Tgt Ion:	91	Resp:	109199
Ion Ratio	Lower	Upper	
91	100		
120	22.3	0.0	43.8





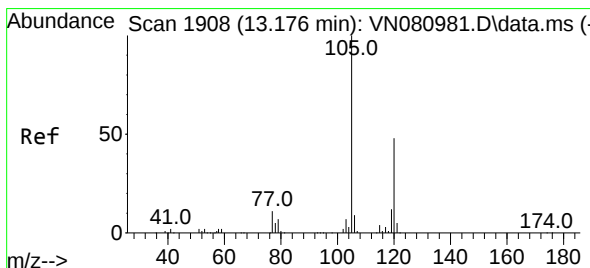
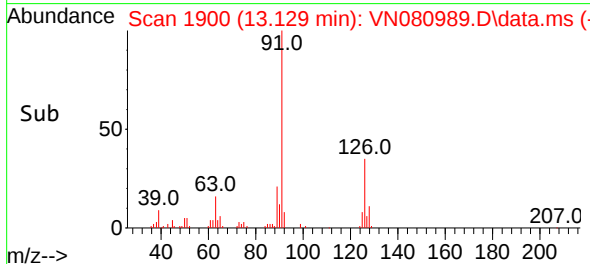
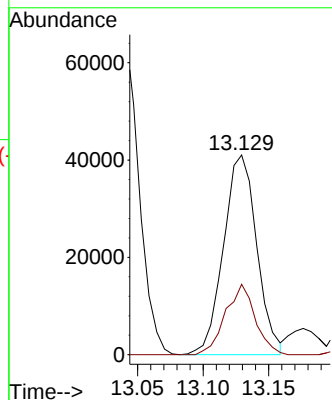
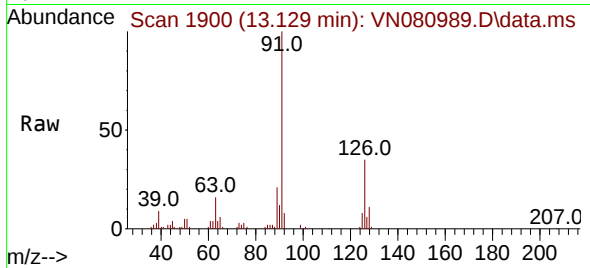
#75
2-Chlorotoluene
Concen: 5.241 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2024

Tgt Ion: 91 Resp: 72530
Ion Ratio Lower Upper
91 100
126 31.6 0.0 61.2

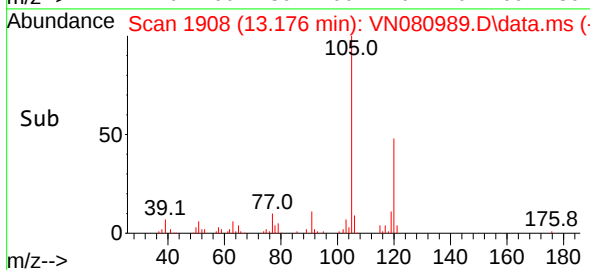
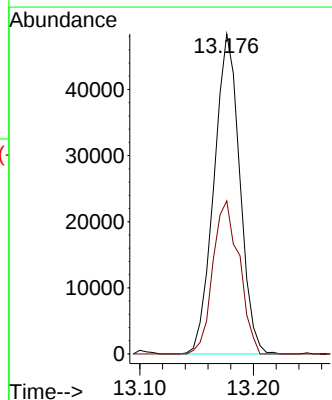
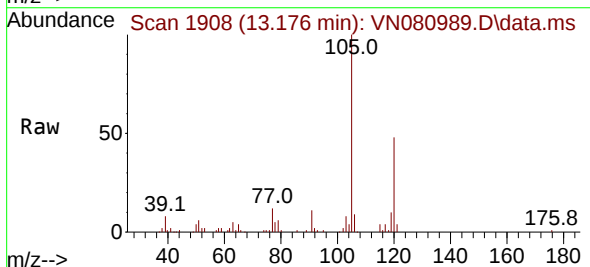
Manual Integrations
APPROVED

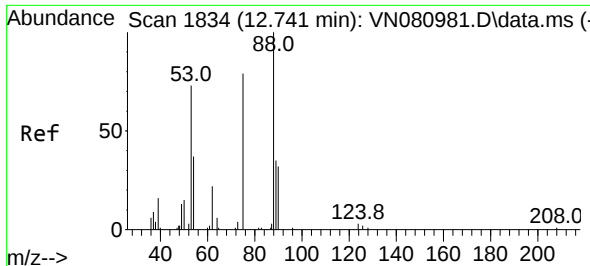
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#76
1,3,5-Trimethylbenzene
Concen: 4.761 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

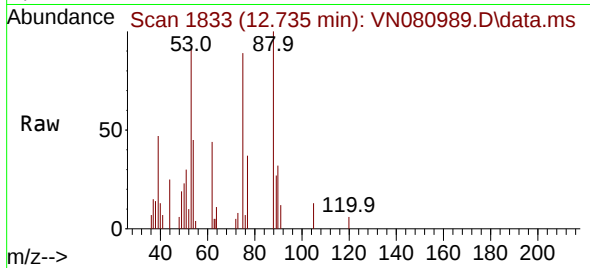
Tgt Ion:105 Resp: 76403
Ion Ratio Lower Upper
105 100
120 48.8 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 4.449 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

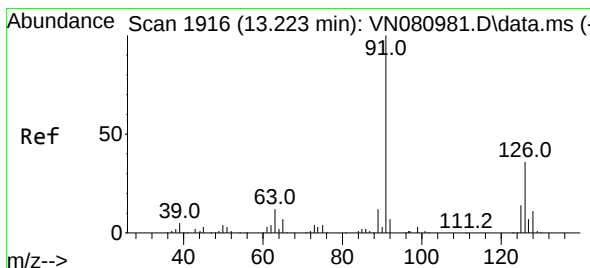
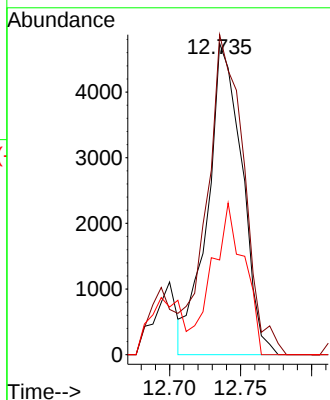
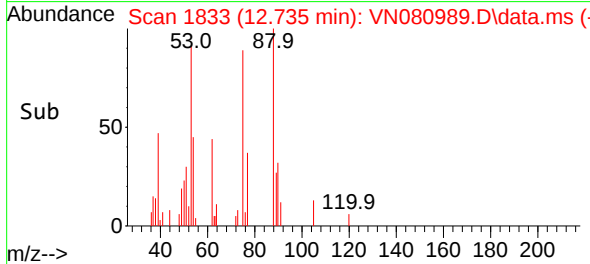
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion: 75 Resp: 797
Ion Ratio Lower Upper
75 100
53 99.2 45.9 137.7
89 30.5 25.9 77.7

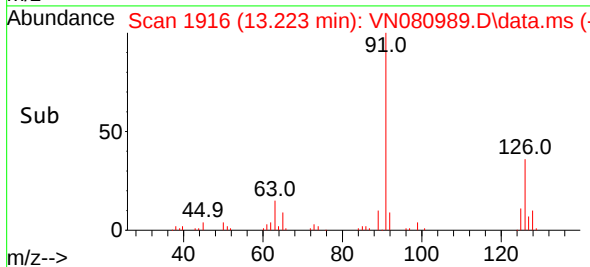
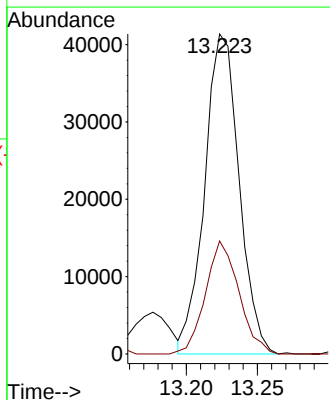
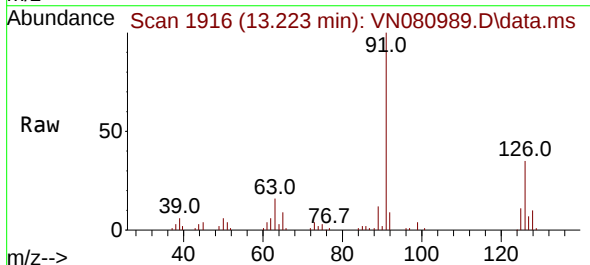
Manual Integrations
APPROVED

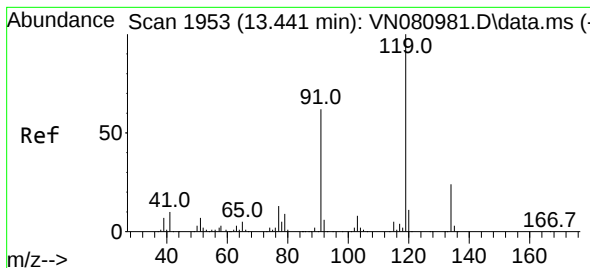
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#78
4-Chlorotoluene
Concen: 5.031 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Tgt Ion: 91 Resp: 69729
Ion Ratio Lower Upper
91 100
126 34.3 0.0 62.8





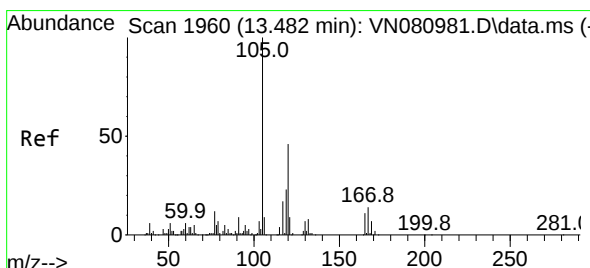
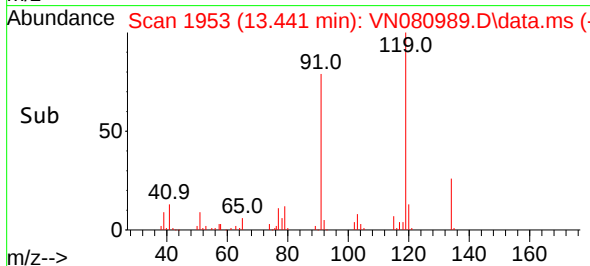
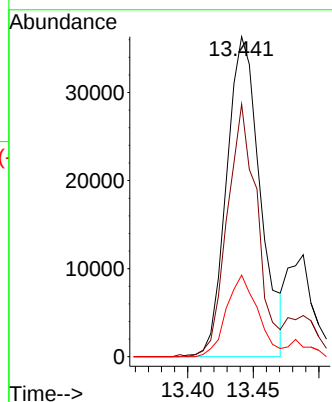
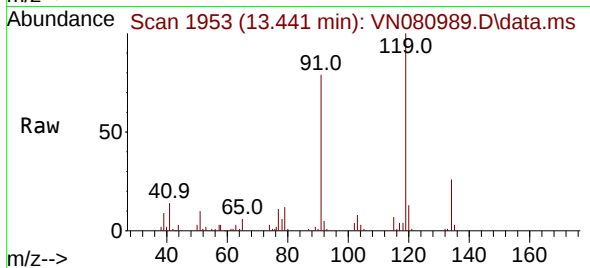
#79
tert-butylbenzene
Concen: 4.868 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion:119 Resp: 6485
Ion Ratio Lower Upper
119 100
91 70.6 0.0 138.8
134 23.8 0.0 48.6

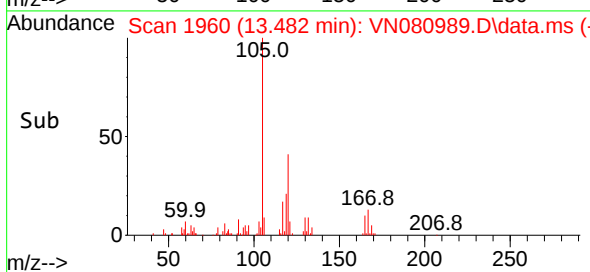
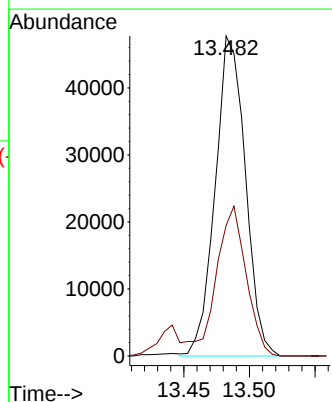
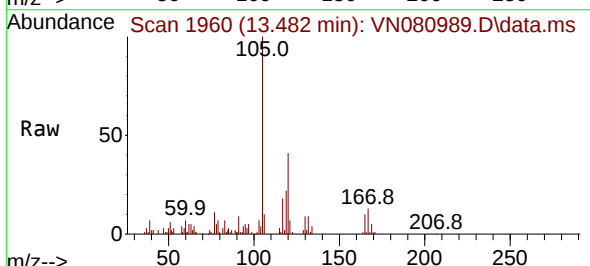
Manual Integrations
APPROVED

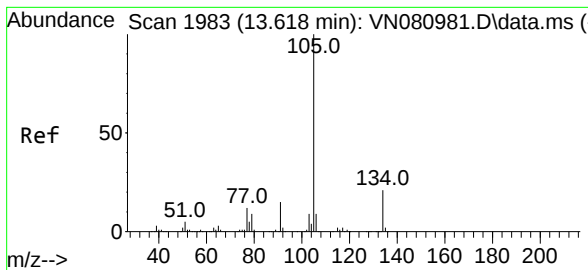
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#80
1,2,4-Trimethylbenzene
Concen: 4.768 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Tgt Ion:105 Resp: 76249
Ion Ratio Lower Upper
105 100
120 45.1 0.0 86.8





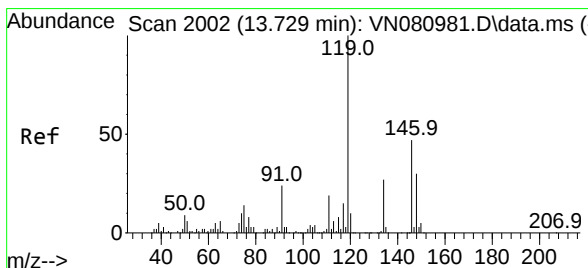
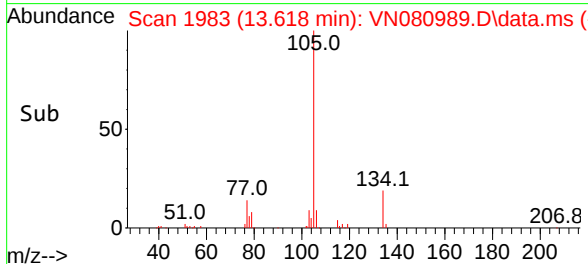
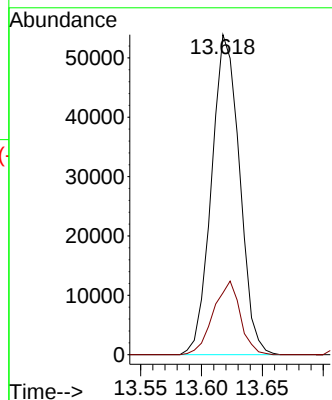
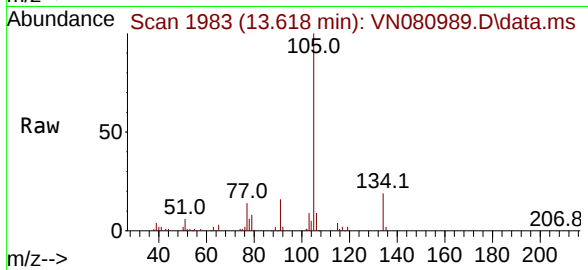
#81
 sec-Butylbenzene
 Concen: 4.635 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080989.D
 Acq: 09 Feb 2024 15:09

Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Tgt Ion:105 Resp: 86470
 Ion Ratio Lower Upper
 105 100
 134 22.1 0.0 39.0

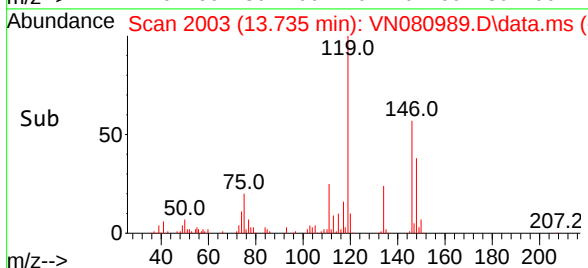
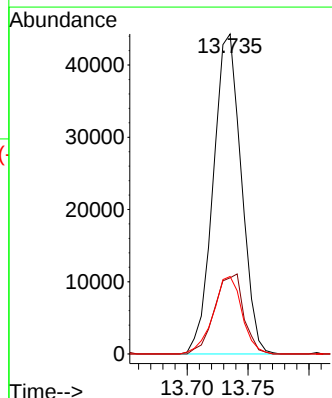
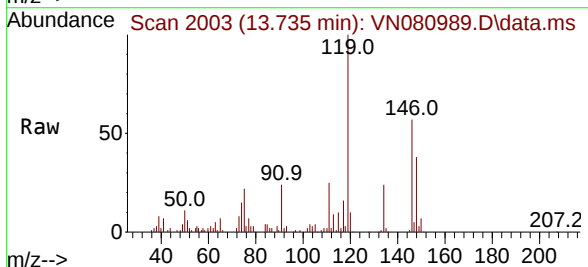
Manual Integrations
 APPROVED

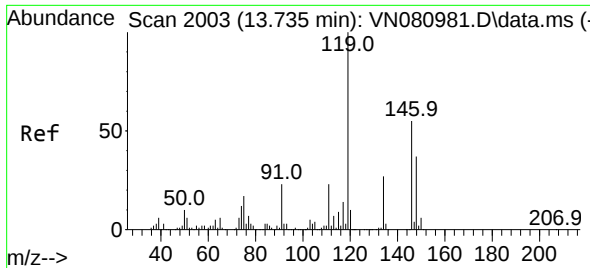
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#82
 p-Isopropyltoluene
 Concen: 4.522 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080989.D
 Acq: 09 Feb 2024 15:09

Tgt Ion:119 Resp: 70821
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 49.2
 91 24.9 0.0 48.8





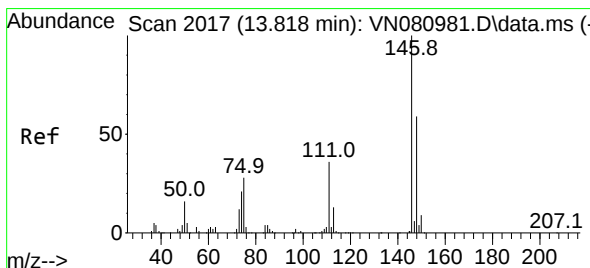
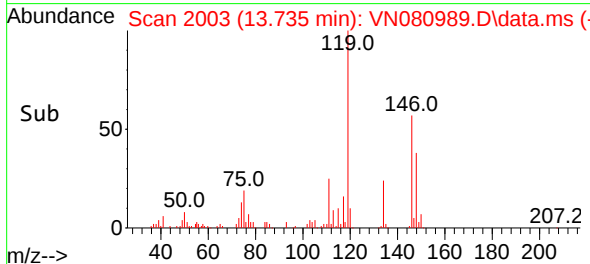
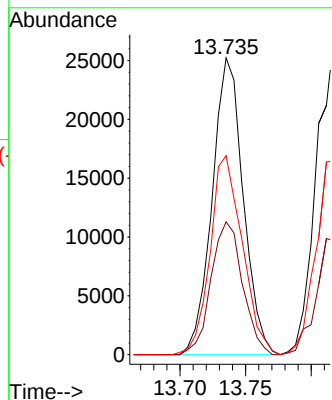
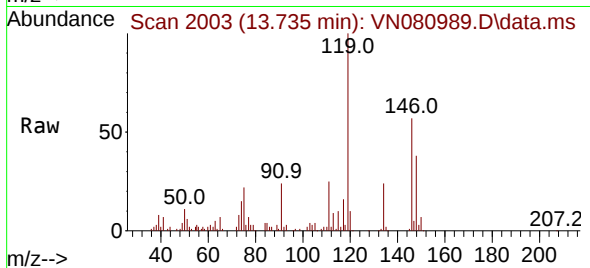
#83
1,3-Dichlorobenzene
Concen: 4.735 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion:146 Resp: 41538
Ion Ratio Lower Upper
146 100
111 45.5 22.4 67.0
148 69.4 32.1 96.5

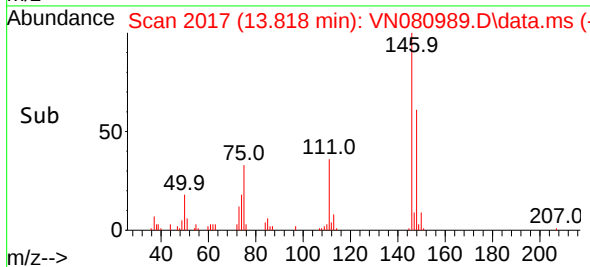
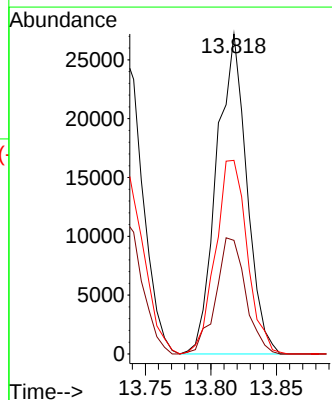
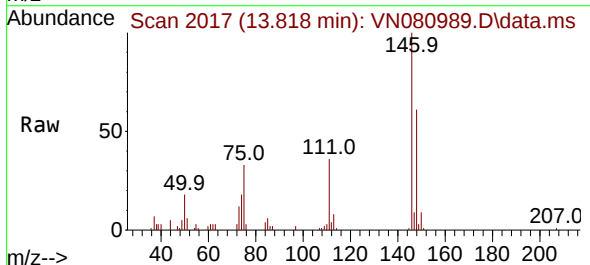
Manual Integrations
APPROVED

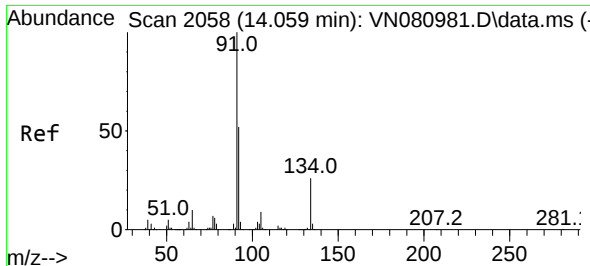
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#84
1,4-Dichlorobenzene
Concen: 4.926 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Tgt Ion:146 Resp: 43377
Ion Ratio Lower Upper
146 100
111 36.0 21.3 63.9
148 63.8 31.9 95.5





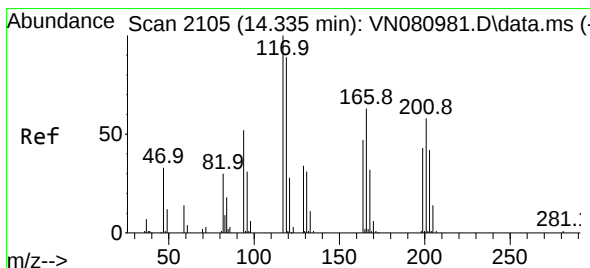
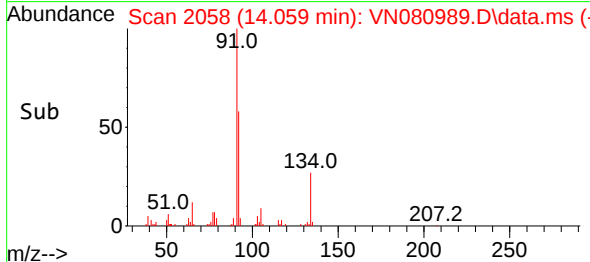
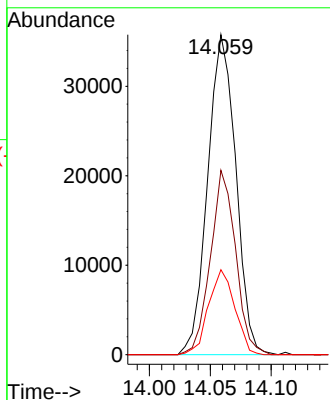
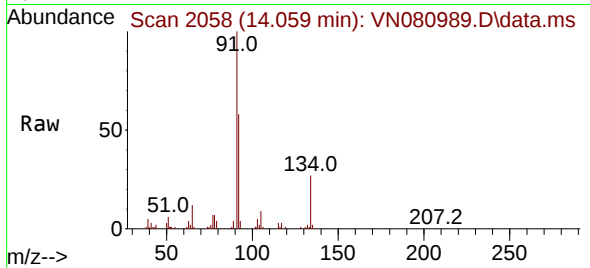
#85
n-Butylbenzene
Concen: 4.452 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2024

Tgt Ion: 91 Resp: 5753
Ion Ratio Lower Upper
91 100
92 51.8 0.0 105.0
134 24.9 0.0 51.8

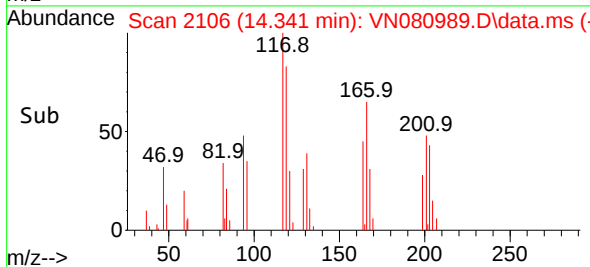
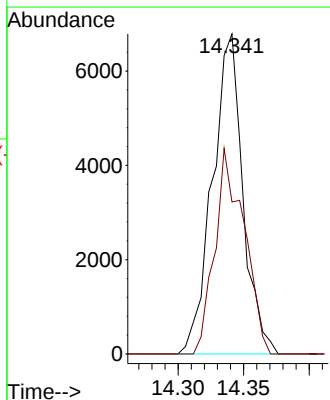
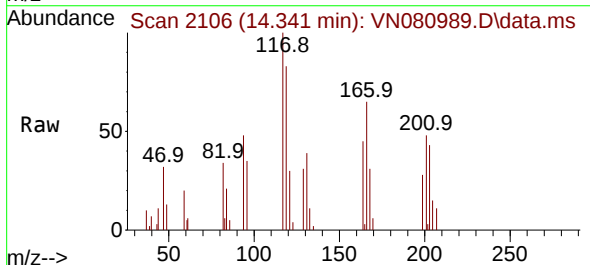
Manual Integrations
APPROVED

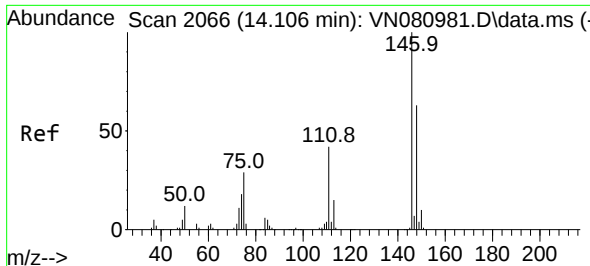
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#86
Hexachloroethane
Concen: 4.433 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Tgt Ion:117 Resp: 10952
Ion Ratio Lower Upper
117 100
201 62.0 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 4.871 ug/l

RT: 14.112 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN080989.D

Acq: 09 Feb 2024 15:09

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2024

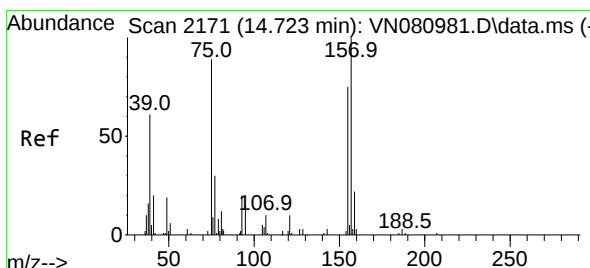
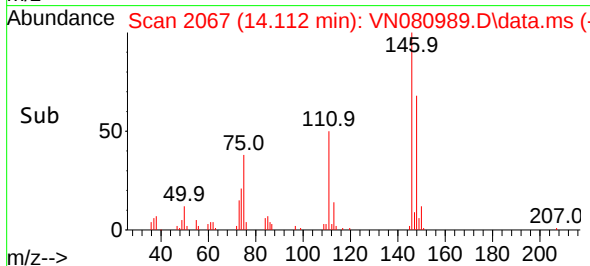
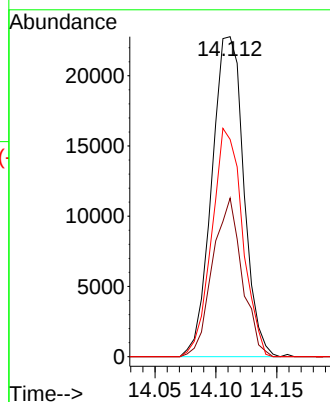
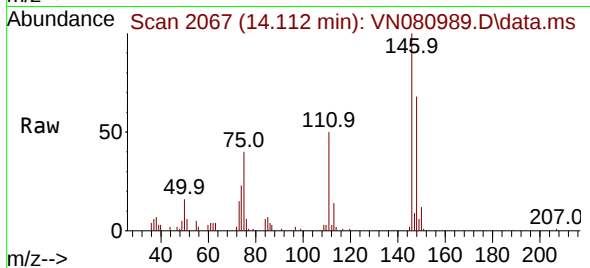
Tgt Ion:	146	Resp:	4160
Ion Ratio	Lower	Upper	
146	100		
111	45.9	22.6	67.8
148	68.6	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 5.829 ug/l

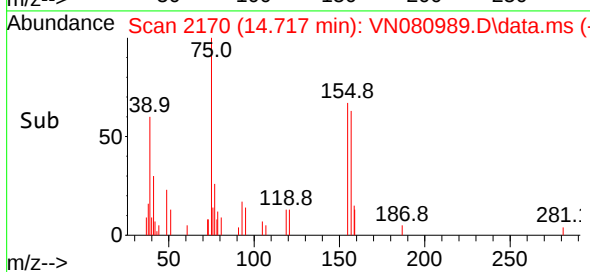
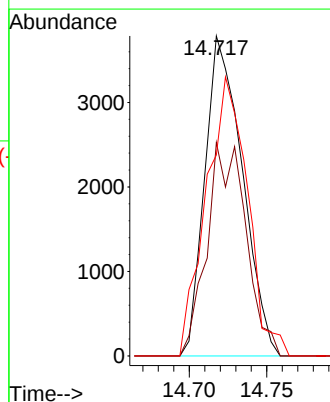
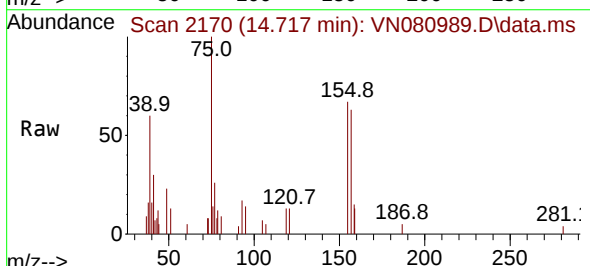
RT: 14.717 min Scan# 2170

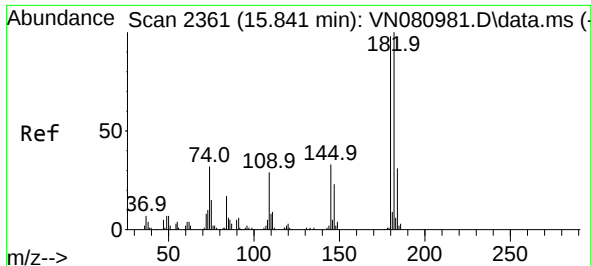
Delta R.T. -0.006 min

Lab File: VN080989.D

Acq: 09 Feb 2024 15:09

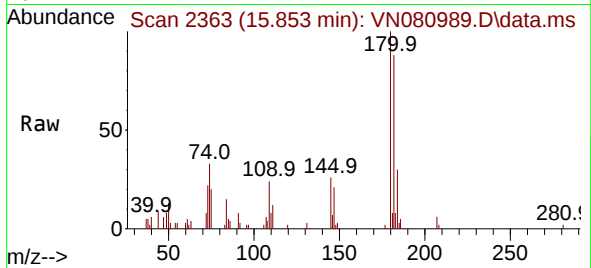
Tgt Ion:	75	Resp:	6364
Ion Ratio	Lower	Upper	
75	100		
155	69.2	61.7	92.5
157	94.5	83.6	125.4





#89
1,2,4-Trichlorobenzene
Concen: 4.467 ug/l
RT: 15.853 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

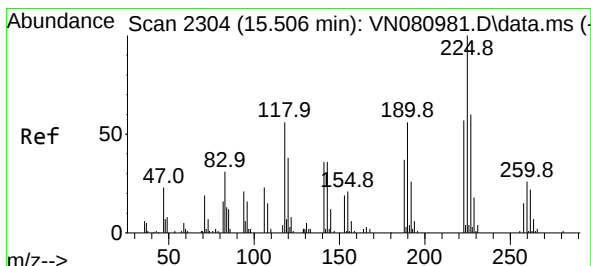
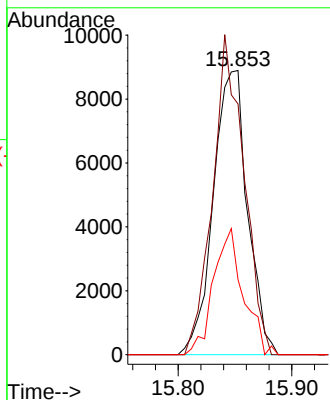
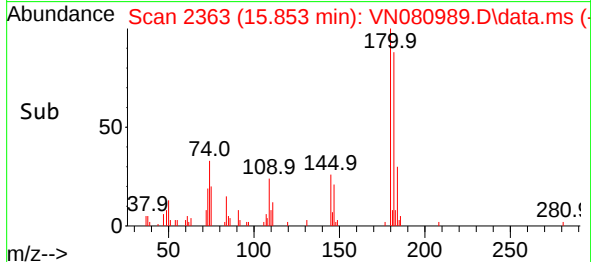
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2024



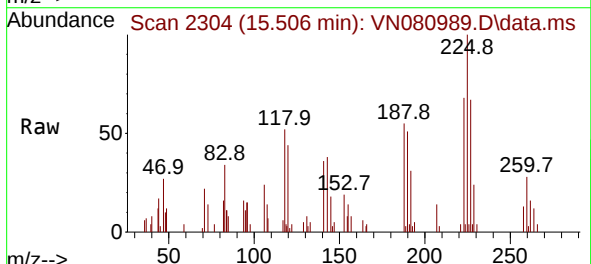
Tgt Ion:180 Resp: 1866
Ion Ratio Lower Upper
180 100
182 102.2 76.4 114.6
145 38.2 28.4 42.6

Manual Integrations
APPROVED

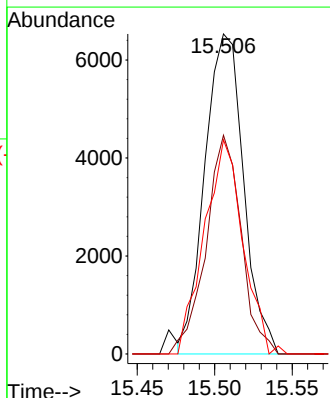
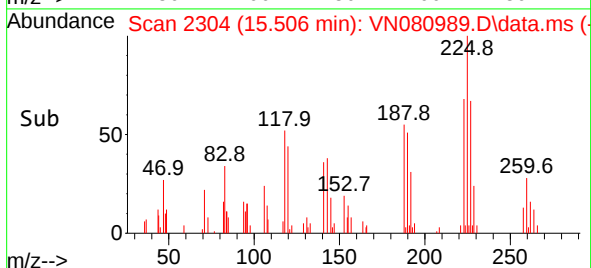
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

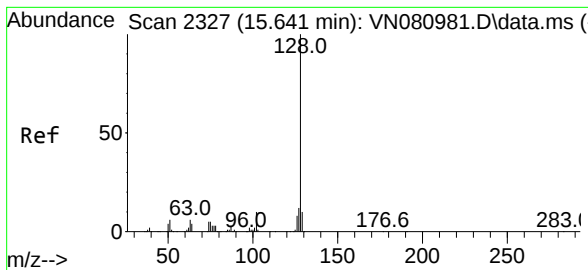


#90
Hexachlorobutadiene
Concen: 6.198 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09



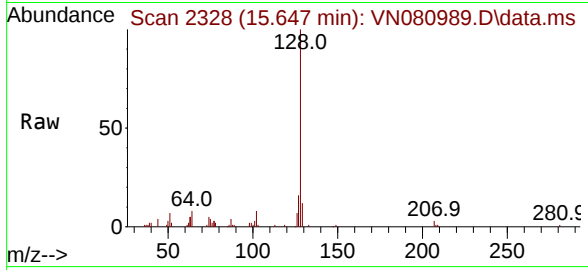
Tgt Ion:225 Resp: 11362
Ion Ratio Lower Upper
225 100
223 62.0 0.0 126.6
227 66.0 0.0 126.6





#91
Naphthalene
Concen: 5.296 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

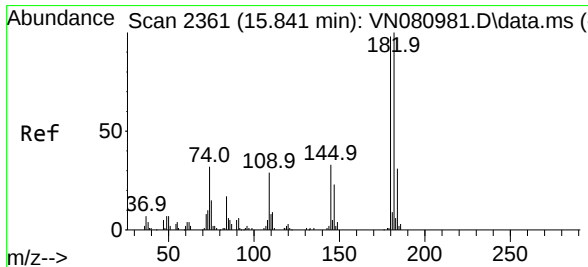
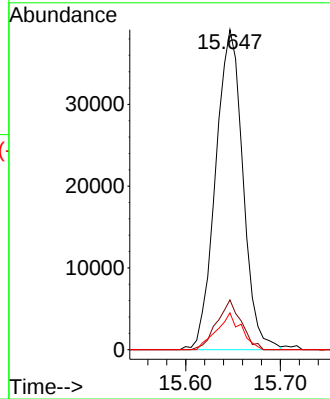
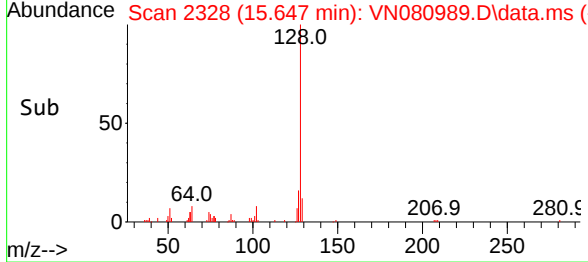
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion:128 Resp: 7857
Ion Ratio Lower Upper
128 100
127 13.9 10.6 16.0
129 10.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#92
1,2,3-Trichlorobenzene
Concen: 4.467 ug/l
RT: 15.853 min Scan# 2363
Delta R.T. 0.012 min
Lab File: VN080989.D
Acq: 09 Feb 2024 15:09

Tgt Ion:180 Resp: 18667
Ion Ratio Lower Upper
180 100
182 102.2 0.0 191.0
145 38.2 0.0 71.0

