

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050724\
 Data File : VN082020.D
 Acq On : 07 May 2024 12:36
 Operator : JC\MD
 Sample : P2403-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: May 08 07:59:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/08/2024
 Supervised By : Mahesh Dadoda 05/08/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	28332	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	171420	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	147448	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	75343	31.762	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.867%			
60) 4-Bromofluorobenzene	12.847	95	70344	28.667	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.567%			
63) Toluene-d8	10.565	98	213900	30.547	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.833%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	8604	5.350	ug/l	96
3) Chloromethane	2.359	50	11070	5.935	ug/l	99
4) Vinyl Chloride	2.518	62	11761	6.675	ug/l	97
5) Bromomethane	2.971	94	6076m	6.609	ug/l	
6) Chloroethane	3.118	64	6854	6.870	ug/l	96
7) Trichlorofluoromethane	3.500	101	13129m	5.092	ug/l	
8) Diethyl Ether	3.971	74	5942m	4.761	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.377	101	9255	5.236	ug/l	30
10) 1,1-Dichloroethene	4.341	96	8879m	5.135	ug/l	
11) Methyl Iodide	4.583	142	6292m	3.982	ug/l	
12) Methyl Acetate	5.012	43	11404	5.267	ug/l	# 71
13) Acrolein	4.183	56	8202	17.824	ug/l	# 82
14) Acrylonitrile	5.712	53	25934m	26.244	ug/l	
15) Acetone	4.424	58	6174m	27.882	ug/l	
16) Carbon Disulfide	4.712	76	27366m	5.712	ug/l	
17) Allyl chloride	5.018	41	15863	5.225	ug/l	76
18) Methylene Chloride	5.271	84	9917m	5.041	ug/l	
19) trans-1,2-Dichloroethene	5.794	96	9664m	5.369	ug/l	
20) Diisopropyl ether	6.677	45	31082	4.627	ug/l	91
21) 1,1-Dichloroethane	6.583	63	18313m	5.149	ug/l	
22) cis-1,2-Dichloroethene	7.482	96	10547m	4.809	ug/l	
23) tert-Butyl Alcohol	5.530	59	8704m	21.384	ug/l	
24) Methyl tert-Butyl Ether	5.800	73	28241	4.530	ug/l	# 71
25) Chloroform	7.965	83	17186	5.023	ug/l	91
26) Cyclohexane	8.253	56	17381	5.651	ug/l	# 91
29) 1,1-Dichloropropene	8.377	75	12176	4.771	ug/l	67
30) 2-Butanone	7.482	43	33408	25.396	ug/l	# 92
31) 2,2-Dichloropropane	7.482	77	15705m	6.005	ug/l	
32) 1,1,1-Trichloroethane	8.171	97	13868	4.725	ug/l	# 82
33) Carbon Tetrachloride	8.365	117	10987	4.613	ug/l	# 67
34) Benzene	8.606	78	43317	5.320	ug/l	# 84
35) Methacrylonitrile	7.777	41	7836	4.708	ug/l	79
36) 1,2-Dichloroethane	8.671	62	13414	4.908	ug/l	# 82
37) Trichloroethene	9.353	130	9362	4.695	ug/l	97
38) Methylcyclohexane	9.606	83	16345	5.302	ug/l	99
39) 1,2-Dichloropropane	9.624	63	10386	4.972	ug/l	98
40) Dibromomethane	9.712	93	5920	4.411	ug/l	72
41) Bromodichloromethane	9.888	83	12825	4.471	ug/l	# 93
42) Vinyl Acetate	6.606	43	128749	22.994	ug/l	# 86

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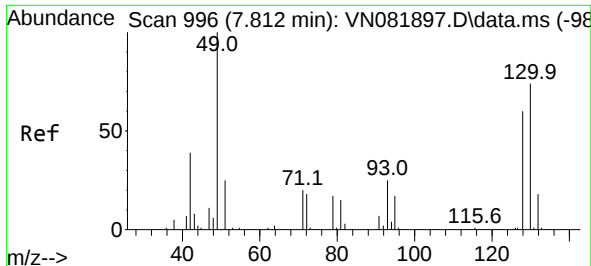
Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/08/2024
 Supervised By : Mahesh Dadoda 05/08/2024

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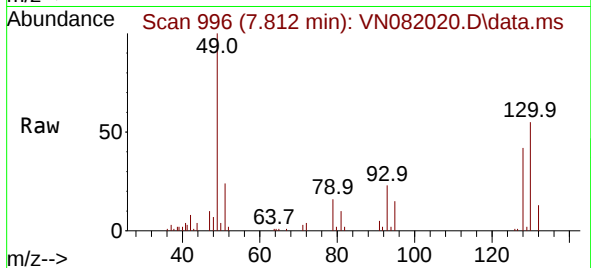
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	14638	5.104	ug/l	96
44) Isopropyl Acetate	8.688	43	23532	4.621	ug/l	91
45) 1,4-Dioxane	9.700	88	4024	98.540	ug/l #	63
46) Methyl methacrylate	9.676	41	10678	4.590	ug/l	75
47) n-amyl Acetate	12.494	43	20312	4.423	ug/l #	89
48) t-1,3-Dichloropropene	10.841	75	13797	4.435	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	14978	4.554	ug/l #	91
50) 1,1,2-Trichloroethane	11.018	97	8586	4.716	ug/l	94
51) Ethyl methacrylate	10.876	69	15553	4.526	ug/l	85
52) 1,3-Dichloropropane	11.165	76	16034	4.793	ug/l	98
53) Dibromochloromethane	11.365	129	7973	4.025	ug/l	99
54) 1,2-Dibromoethane	11.465	107	8682	4.781	ug/l	93
55) 2-Chloroethyl vinyl ether	10.159	63	45026	26.203	ug/l	94
56) Bromoform	12.582	173	4111	3.410	ug/l #	87
58) 4-Methyl-2-Pentanone	10.447	43	67457	23.562	ug/l #	86
59) 2-Hexanone	11.200	43	51955	24.475	ug/l #	87
61) Tetrachloroethene	11.100	164	7044	4.305	ug/l #	81
62) Toluene	10.635	91	40398	4.869	ug/l	98
64) Chlorobenzene	11.894	112	25201	4.966	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.970	131	6932m	4.174	ug/l	
66) Ethyl Benzene	11.965	91	43709	4.806	ug/l	99
67) m/p-Xylenes	12.070	106	32612	9.672	ug/l	95
68) o-Xylene	12.400	106	14681	4.401	ug/l	90
69) Styrene	12.417	104	25544	4.562	ug/l	96
70) Isopropylbenzene	12.700	105	37359	4.410	ug/l	94
71) 1,1,2,2-Tetrachloroethane	12.935	83	12169	4.991	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	10857m	4.763	ug/l	
73) Bromobenzene	12.976	156	8526	4.701	ug/l	83
74) n-propylbenzene	13.035	91	48635	4.866	ug/l	95
75) 2-Chlorotoluene	13.129	91	29086	4.704	ug/l	96
76) 1,3,5-Trimethylbenzene	13.176	105	31575	4.604	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	4245	4.184	ug/l #	60
78) 4-Chlorotoluene	13.223	91	26731	4.413	ug/l	95
79) tert-butylbenzene	13.441	119	28137	4.765	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	30741	4.463	ug/l	99
81) sec-Butylbenzene	13.617	105	38833	4.692	ug/l	97
82) p-Isopropyltoluene	13.729	119	29586	4.521	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	15358	4.703	ug/l	78
84) 1,4-Dichlorobenzene	13.817	146	14938	4.551	ug/l	93
85) n-Butylbenzene	14.059	91	27226	4.554	ug/l	99
86) Hexachloroethane	14.341	117	5192	3.979	ug/l	60
87) 1,2-Dichlorobenzene	14.106	146	14498	4.458	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.729	75	2213m	4.045	ug/l	
89) 1,2,4-Trichlorobenzene	15.841	180	6958m	3.885	ug/l	
90) Hexachlorobutadiene	15.505	225	2914	4.393	ug/l	47
91) Naphthalene	15.647	128	23485	3.450	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	6958	3.885	ug/l	92

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

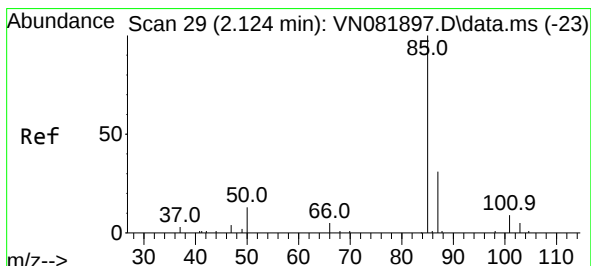
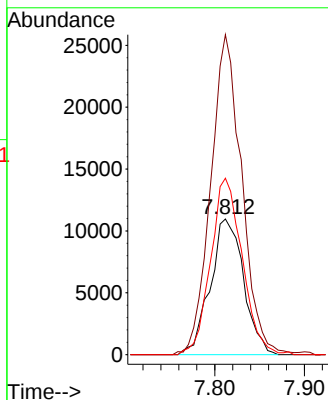
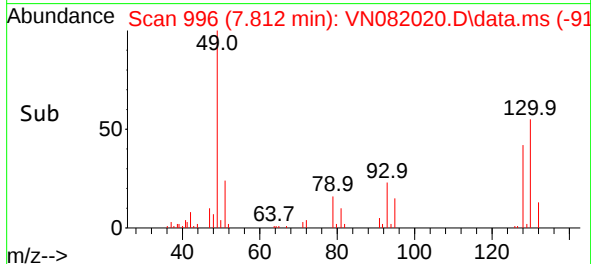
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:128 Resp: 2833
Ion Ratio Lower Upper
128 100
49 219.1 0.0 403.7
130 122.8 0.0 323.3

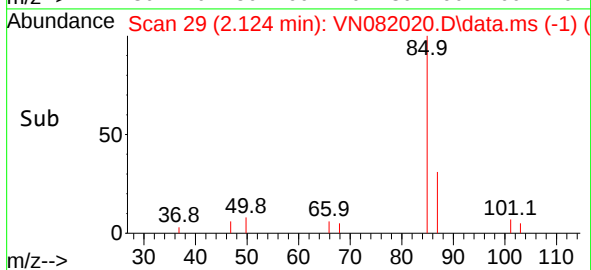
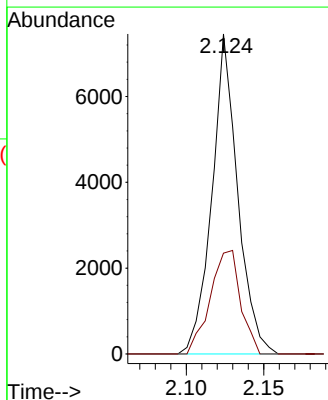
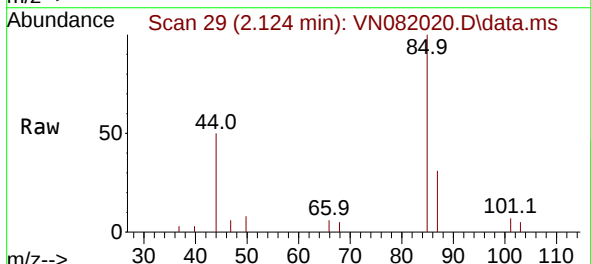
Manual Integrations
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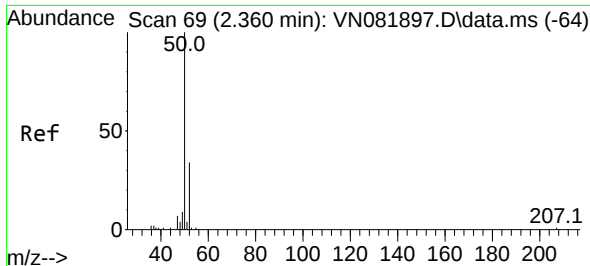
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#2
Dichlorodifluoromethane
Concen: 5.350 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

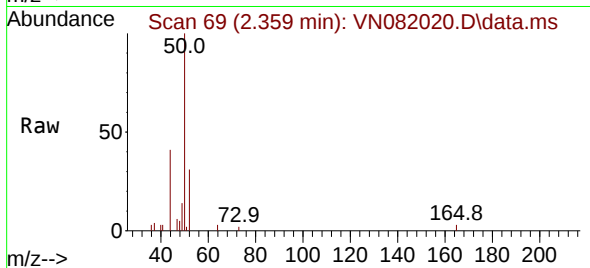
Tgt Ion: 85 Resp: 8604
Ion Ratio Lower Upper
85 100
87 31.5 16.8 50.3





#3
Chloromethane
Concen: 5.935 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

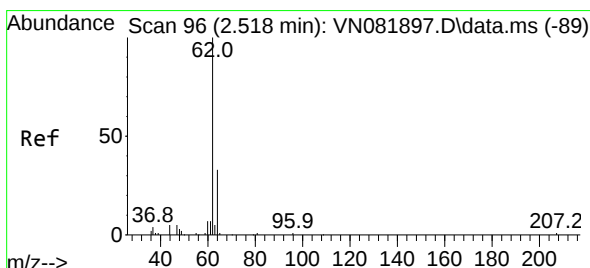
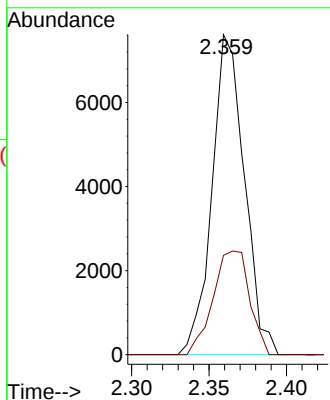
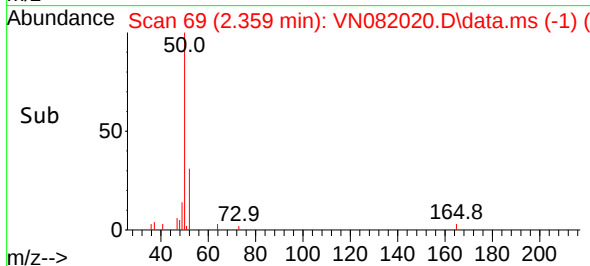
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



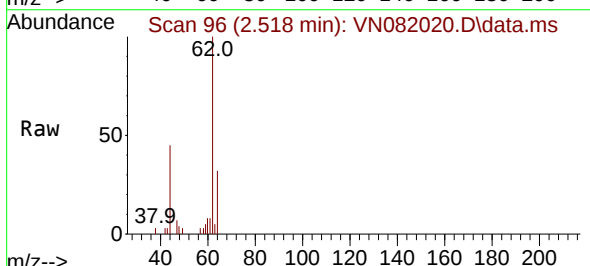
Tgt Ion: 50 Resp: 11070
Ion Ratio Lower Upper
50 100
52 31.1 25.4 38.0

Manual Integrations
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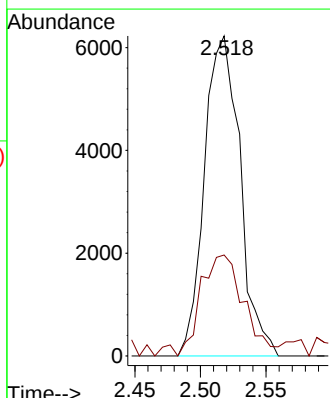
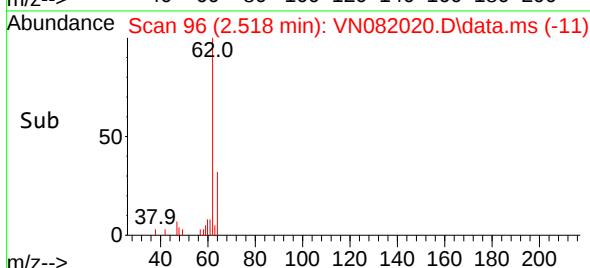
Reviewed By :John Carlone 05/08/2024
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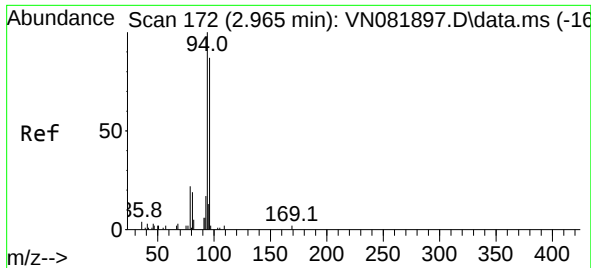


#4
Vinyl Chloride
Concen: 6.675 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36



Tgt Ion: 62 Resp: 11761
Ion Ratio Lower Upper
62 100
64 31.6 24.1 36.1





#5

Bromomethane

Concen: 6.609 ug/l m

RT: 2.971 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082020.D

Acq: 07 May 2024 12:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 94 Resp: 6070

Ion Ratio Lower Upper

94 100

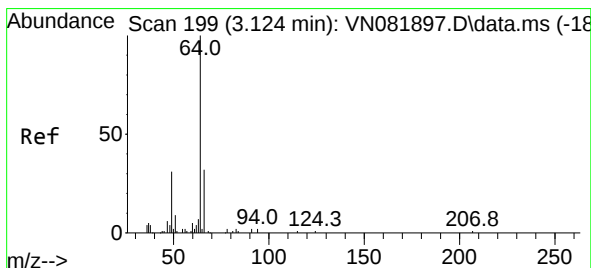
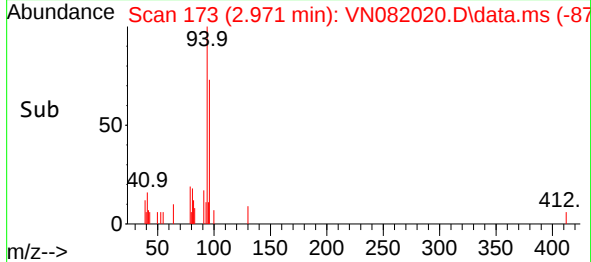
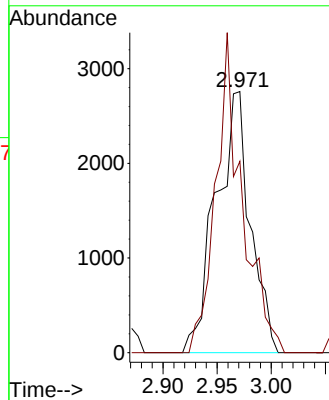
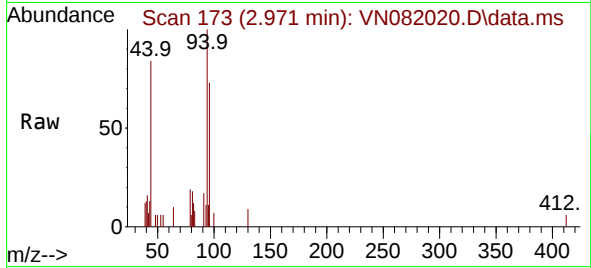
96 73.3 72.8 109.2

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 05/08/2024



#6

Chloroethane

Concen: 6.870 ug/l

RT: 3.118 min Scan# 198

Delta R.T. -0.006 min

Lab File: VN082020.D

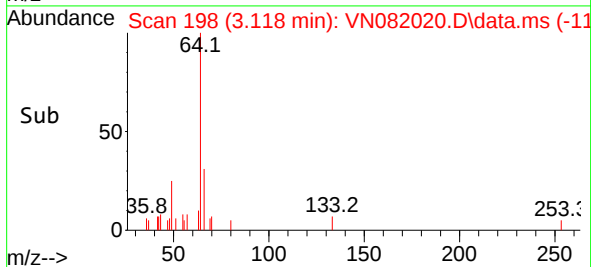
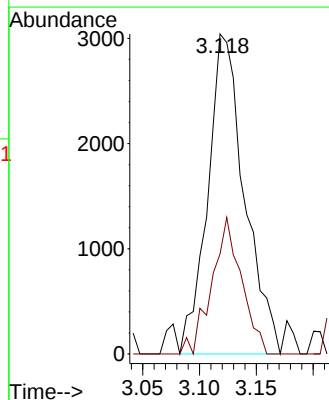
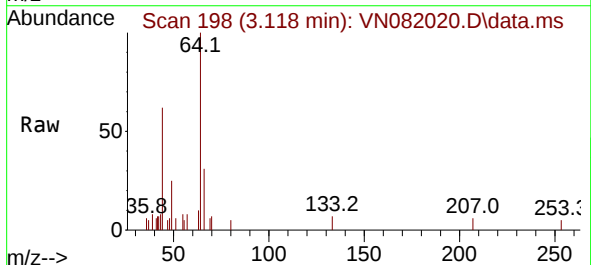
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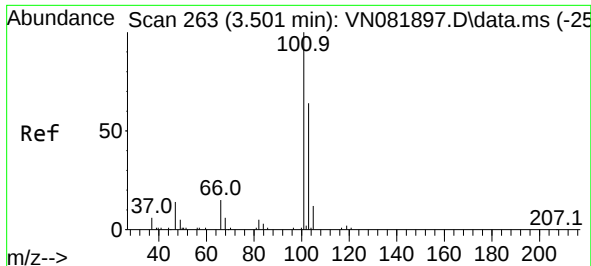
Tgt Ion: 64 Resp: 6854

Ion Ratio Lower Upper

64 100

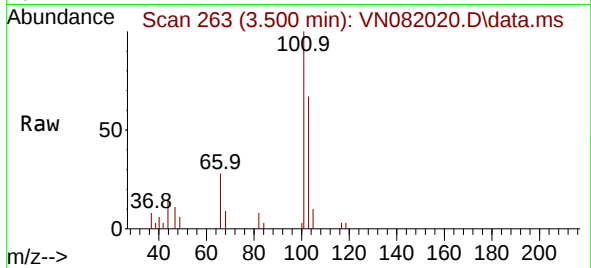
66 31.3 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 5.092 ug/l m
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082020.D
 Acq: 07 May 2024 12:36

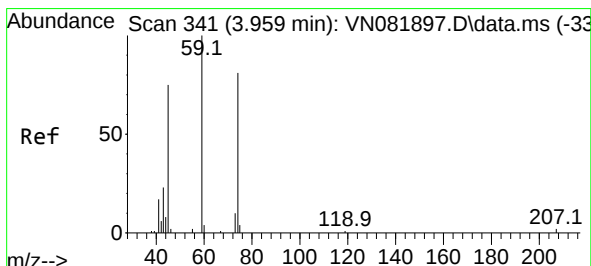
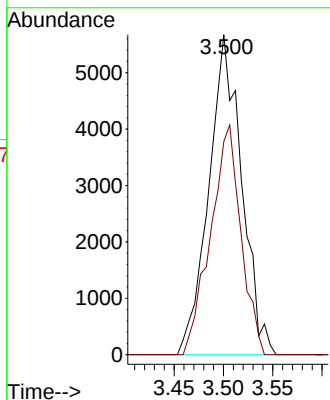
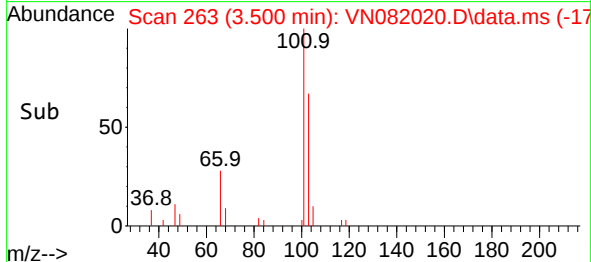
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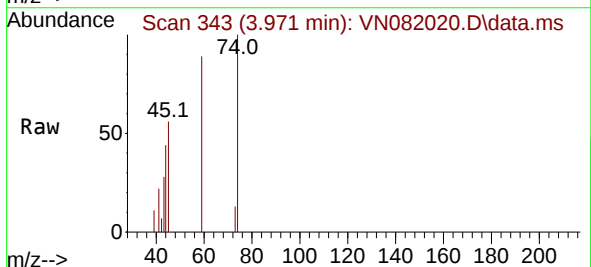
Tgt Ion: 101 Resp: 13129
 Ion Ratio Lower Upper
 101 100
 103 66.6 53.0 79.4

Manual Integrations
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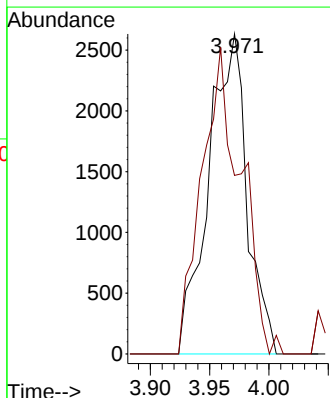
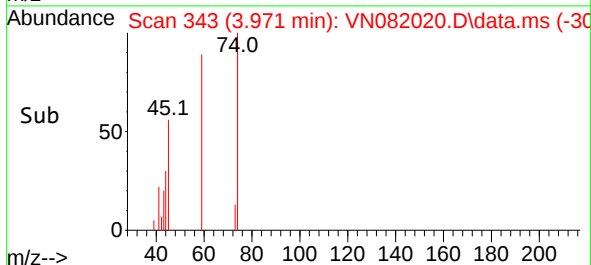
Reviewed By : John Carlone 05/08/2024
 Supervised By : Mahesh Dadoda 05/08/2024

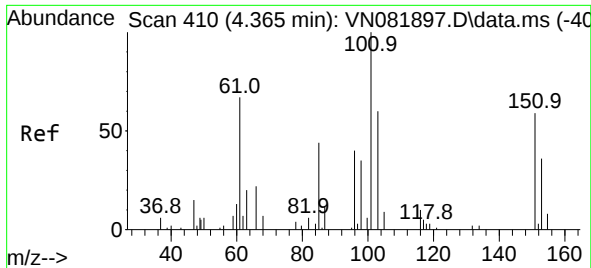


#8
 Diethyl Ether
 Concen: 4.761 ug/l m
 RT: 3.971 min Scan# 343
 Delta R.T. 0.012 min
 Lab File: VN082020.D
 Acq: 07 May 2024 12:36



Tgt Ion: 74 Resp: 5942
 Ion Ratio Lower Upper
 74 100
 45 23.8 16.4 147.4





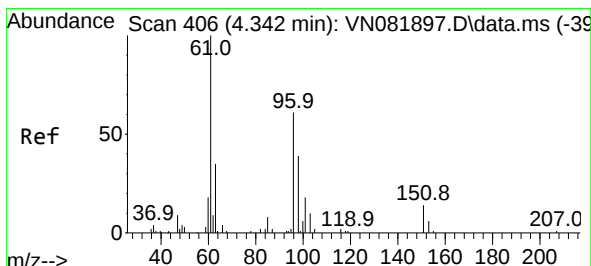
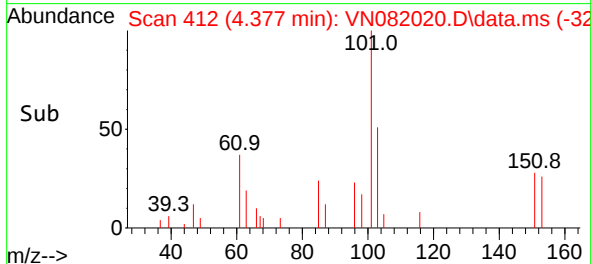
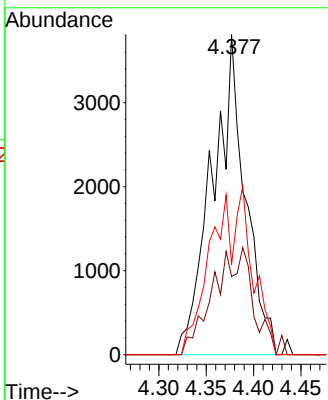
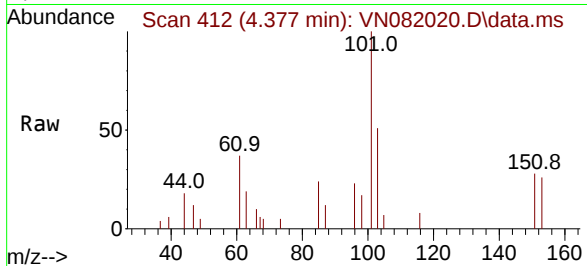
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.236 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:101 Resp: 925
Ion Ratio Lower Upper
101 100
85 8.2 0.0 90.6
151 11.3 0.0 157.6

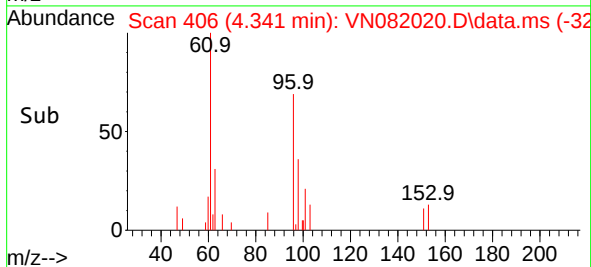
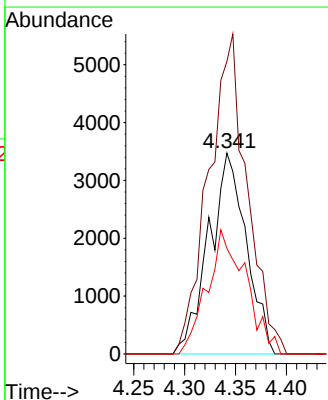
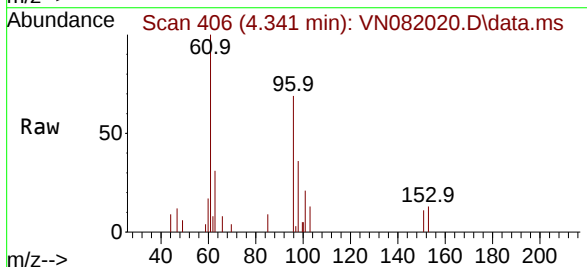
Manual Integrations
APPROVED

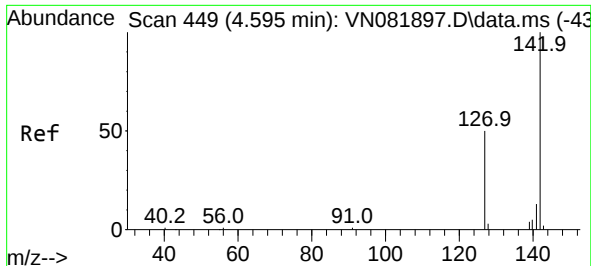
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#10
1,1-Dichloroethene
Concen: 5.135 ug/l m
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

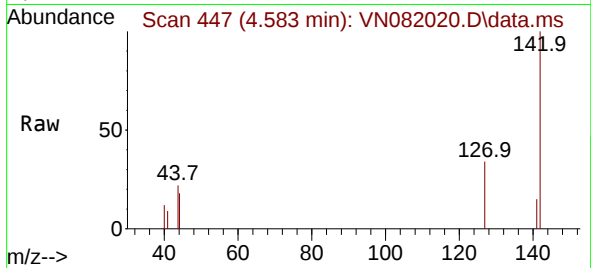
Tgt Ion: 96 Resp: 8879
Ion Ratio Lower Upper
96 100
61 145.7 117.6 176.4
98 52.5 48.4 72.6





#11
Methyl Iodide
Concen: 3.982 ug/l m
RT: 4.583 min Scan# 449
Delta R.T. -0.012 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

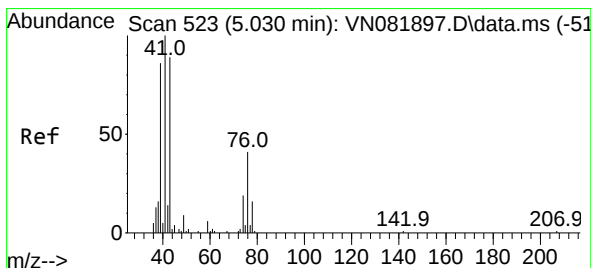
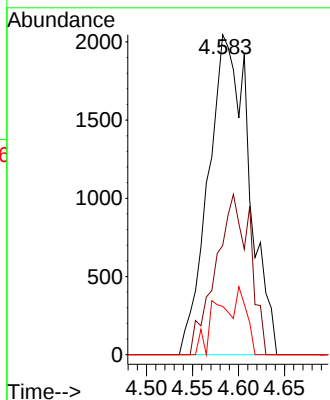
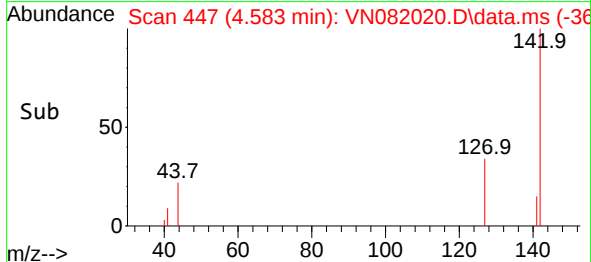
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:142 Resp: 6292
Ion Ratio Lower Upper
142 100
127 34.1 26.3 78.9
141 15.1 8.3 24.9

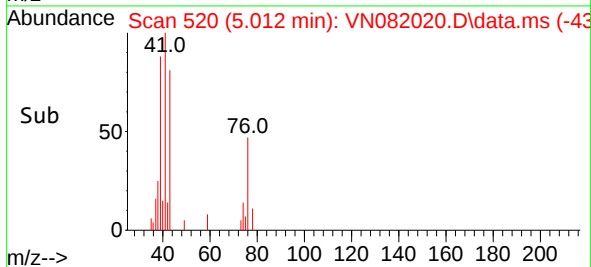
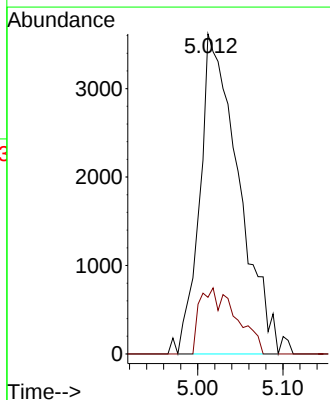
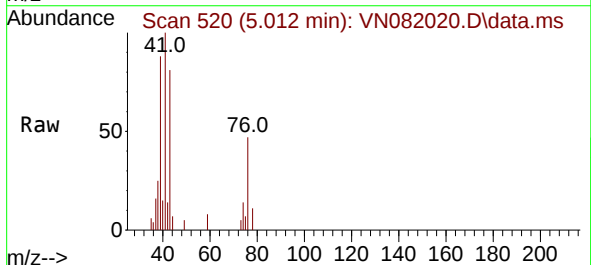
Manual Integrations
APPROVED

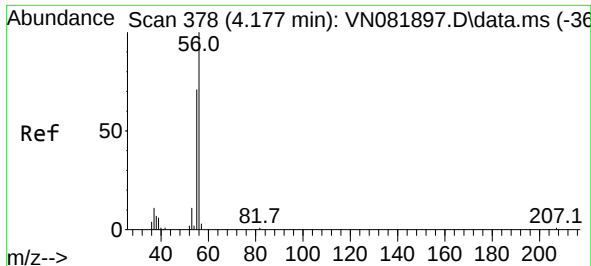
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#12
Methyl Acetate
Concen: 5.267 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.018 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

Tgt Ion: 43 Resp: 11404
Ion Ratio Lower Upper
43 100
74 17.7 27.7 41.5#





#13

Acrolein

Concen: 17.824 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082020.D

Acq: 07 May 2024 12:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 56 Resp: 820

Ion Ratio Lower Upper

56 100

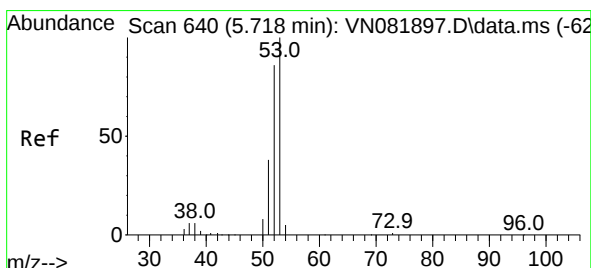
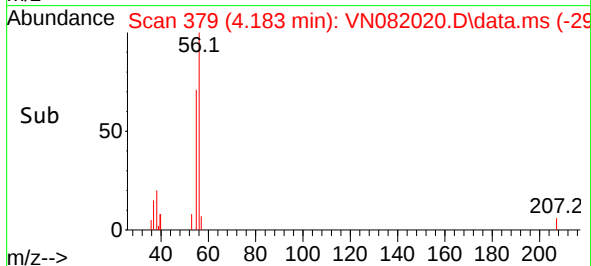
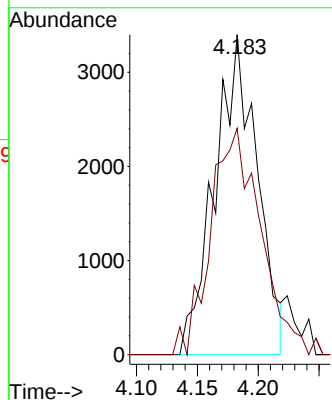
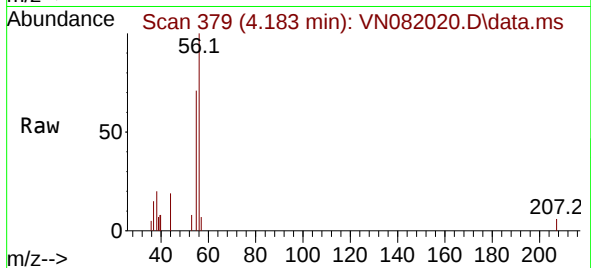
55 54.9 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#14

Acrylonitrile

Concen: 26.244 ug/l m

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN082020.D

Acq: 07 May 2024 12:36

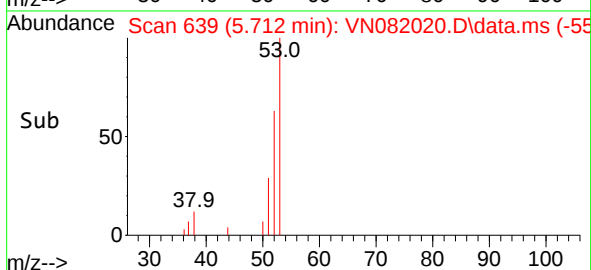
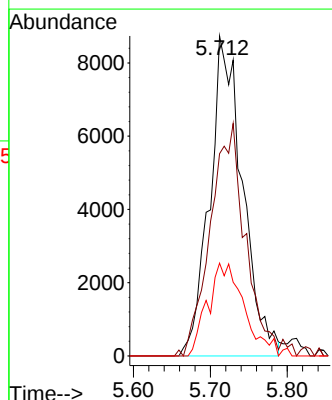
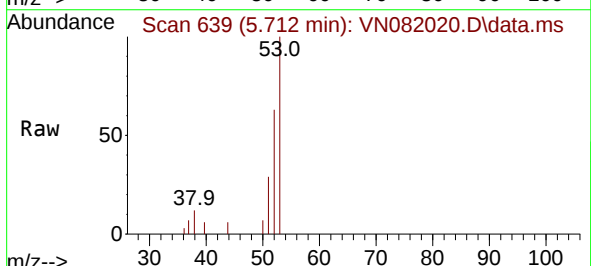
Tgt Ion: 53 Resp: 25934

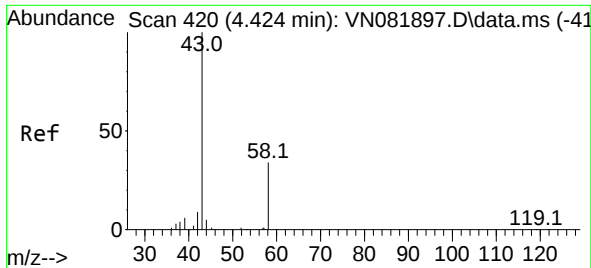
Ion Ratio Lower Upper

53 100

52 43.5 41.3 123.9

51 23.3 16.8 50.3





#15

Acetone

Concen: 27.882 ug/l m

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN082020.D

Acq: 07 May 2024 12:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

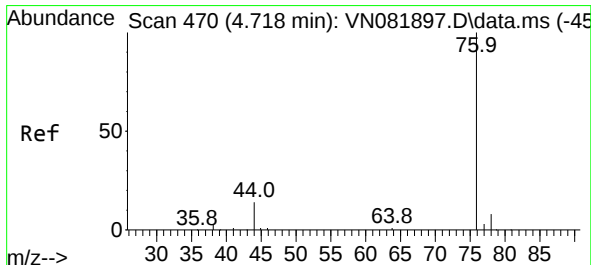
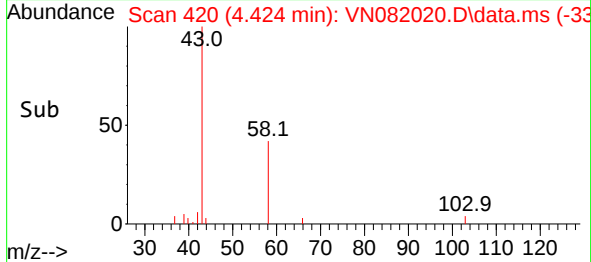
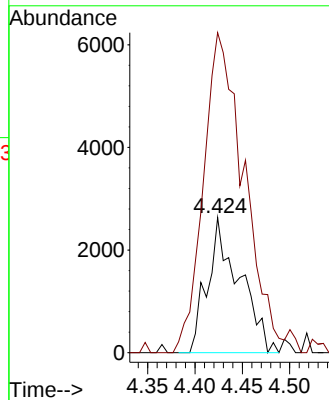
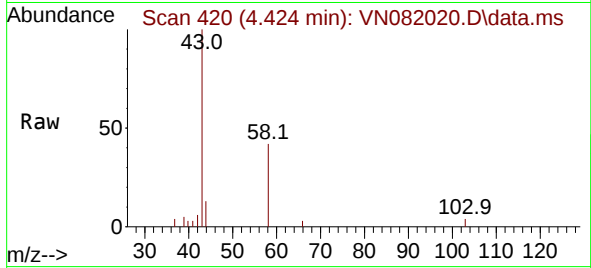
Tgt Ion: 58 Resp: 6174
 Ion Ratio Lower Upper
 58 100
 43 236.6 223.1 334.7

Manual Integrations

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Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#16

Carbon Disulfide

Concen: 5.712 ug/l m

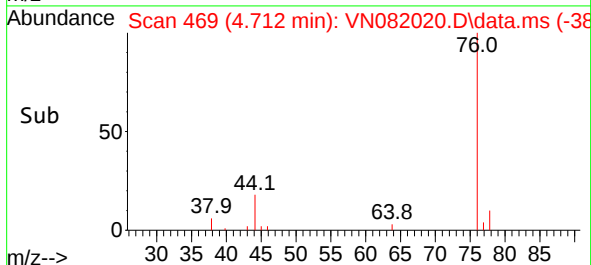
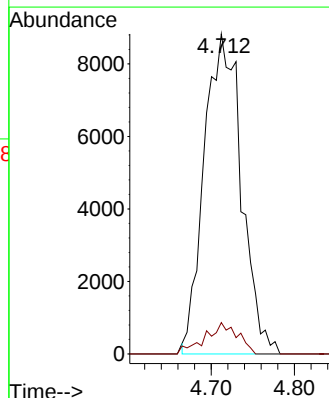
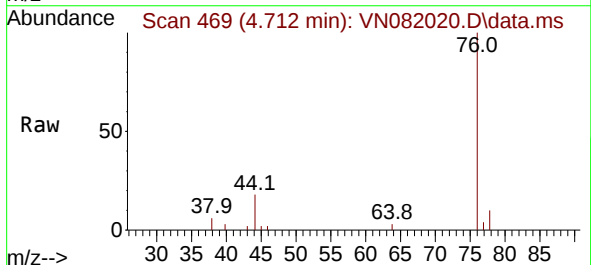
RT: 4.712 min Scan# 469

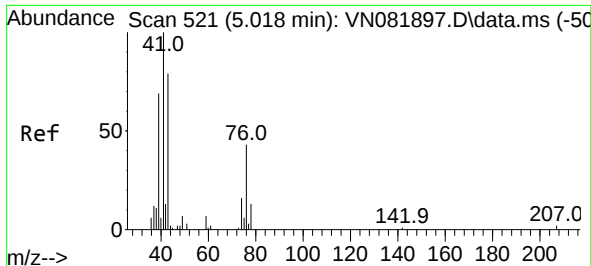
Delta R.T. -0.006 min

Lab File: VN082020.D

Acq: 07 May 2024 12:36

Tgt Ion: 76 Resp: 27366
 Ion Ratio Lower Upper
 76 100
 78 9.8 6.3 9.5#





#17

Allyl chloride

Concen: 5.225 ug/l

RT: 5.018 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN082020.D

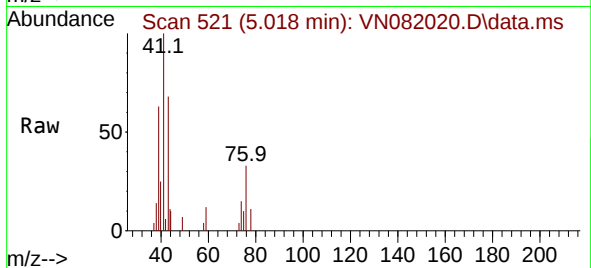
Acq: 07 May 2024 12:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024



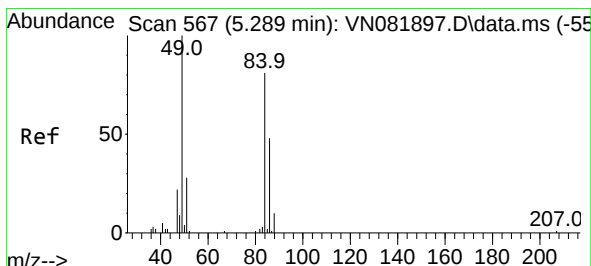
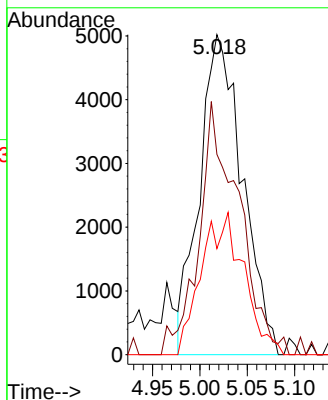
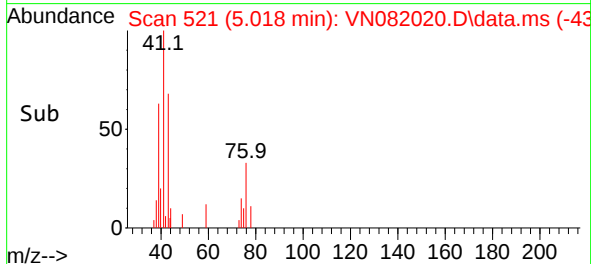
Tgt Ion:	41	Resp:	1586
Ion Ratio	Lower	Upper	
41	100		
39	59.1	37.6	112.9
76	33.2	27.8	83.4

Manual Integrations

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Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#18

Methylene Chloride

Concen: 5.041 ug/l m

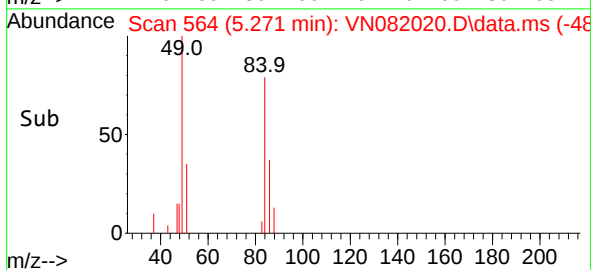
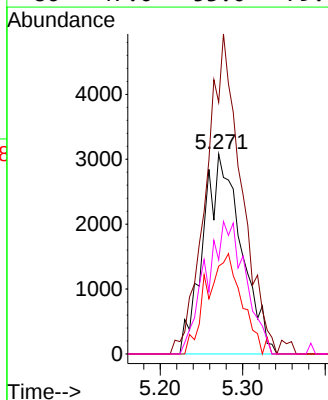
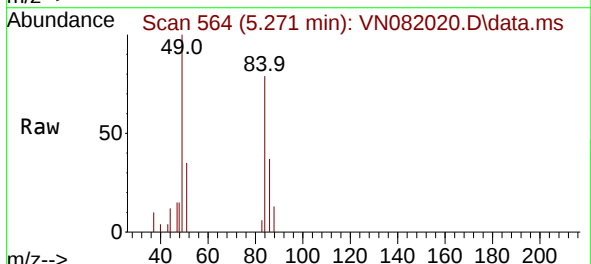
RT: 5.271 min Scan# 564

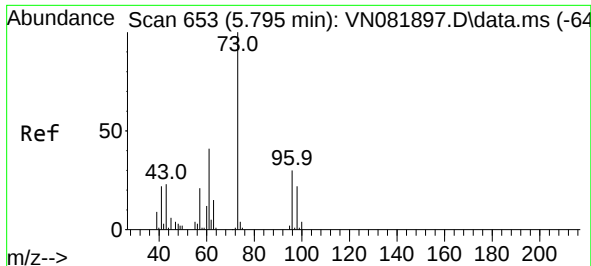
Delta R.T. -0.018 min

Lab File: VN082020.D

Acq: 07 May 2024 12:36

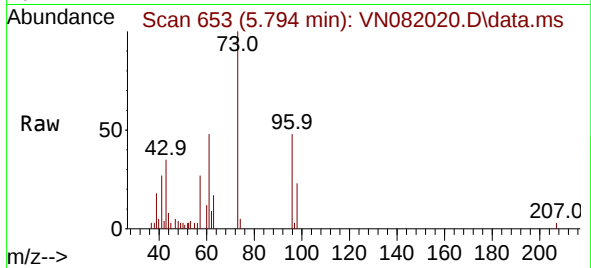
Tgt Ion:	84	Resp:	9917
Ion Ratio	Lower	Upper	
84	100		
49	125.8	86.0	129.0
51	43.9	30.0	45.0
86	47.0	53.0	79.4





#19
trans-1,2-Dichloroethene
Concen: 5.369 ug/l m
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

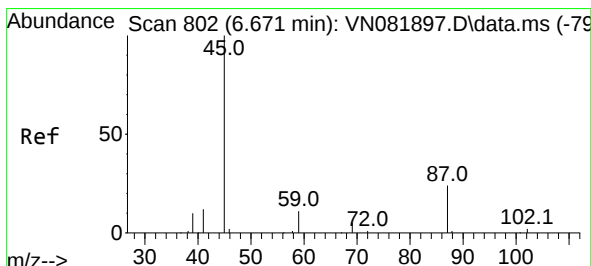
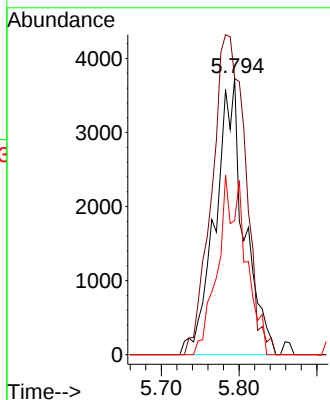
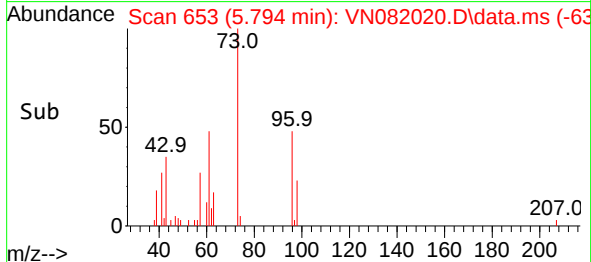
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



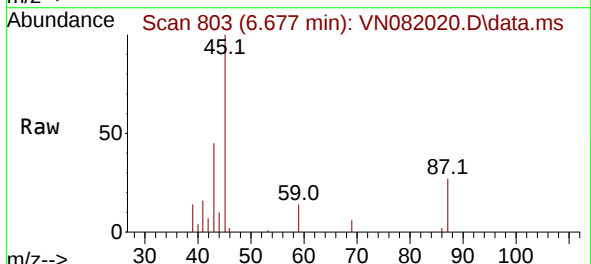
Tgt Ion: 96 Resp: 9664
Ion Ratio Lower Upper
96 100
61 99.9 111.8 167.6
98 48.5 49.2 73.8

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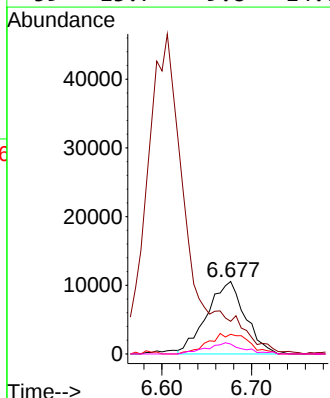
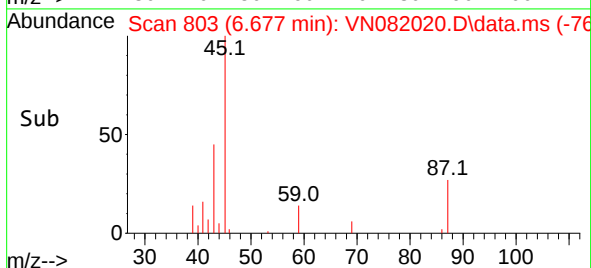
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

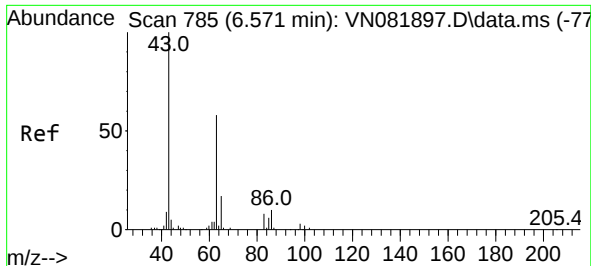


#20
Diisopropyl ether
Concen: 4.627 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36



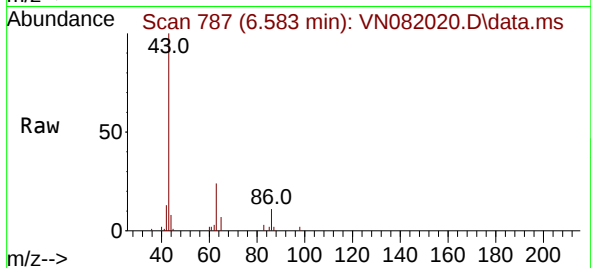
Tgt Ion: 45 Resp: 31082
Ion Ratio Lower Upper
45 100
43 41.8 40.4 60.6
87 27.3 23.8 35.8
59 13.7 9.8 14.6





#21
1,1-Dichloroethane
Concen: 5.149 ug/l m
RT: 6.583 min Scan# 785
Delta R.T. 0.012 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

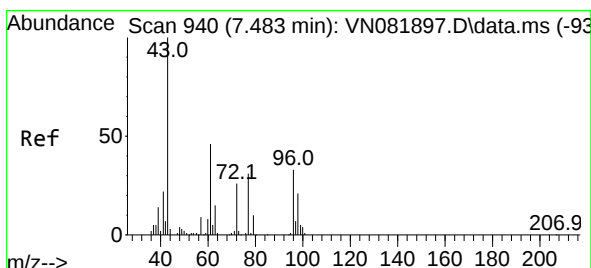
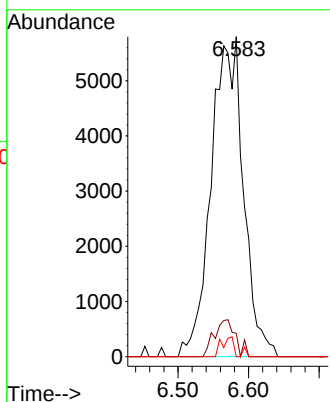
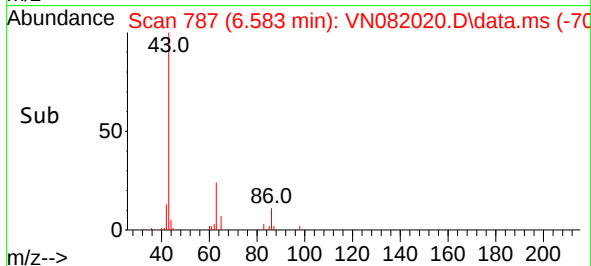
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 63 Resp: 1831
Ion Ratio Lower Upper
63 100
98 7.3 4.1 12.3
100 0.0 3.0 9.0

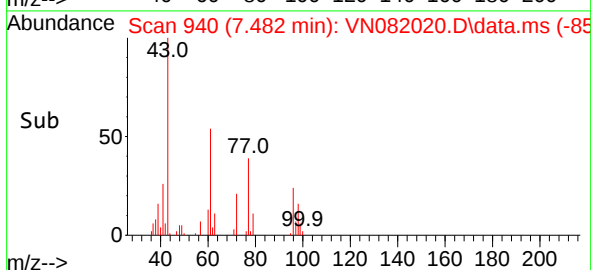
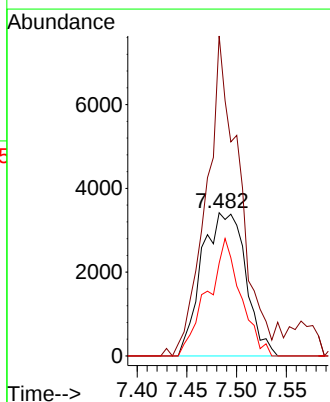
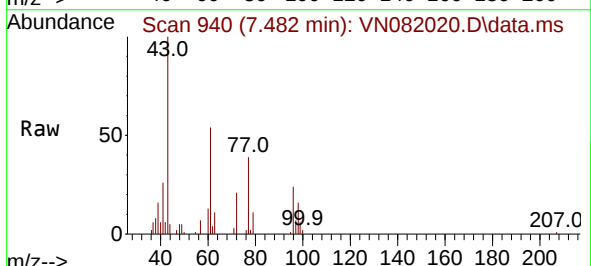
Manual Integrations
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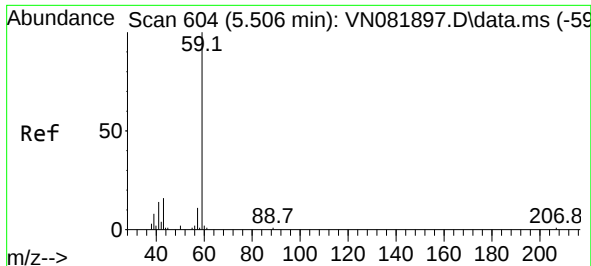
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#22
cis-1,2-Dichloroethene
Concen: 4.809 ug/l m
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

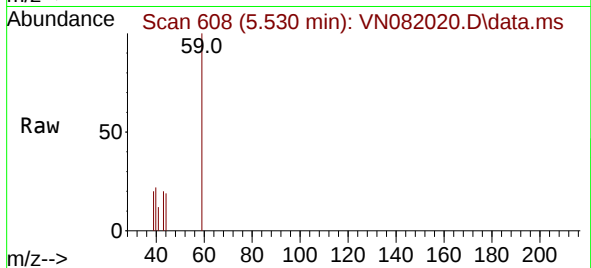
Tgt Ion: 96 Resp: 10547
Ion Ratio Lower Upper
96 100
61 167.3 113.5 170.3
98 41.6 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 21.384 ug/l m
RT: 5.530 min Scan# 604
Delta R.T. 0.023 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

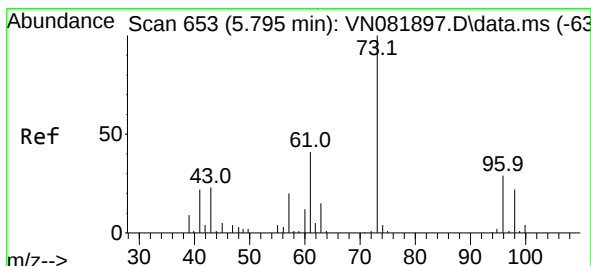
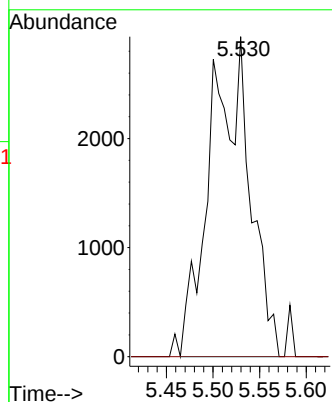
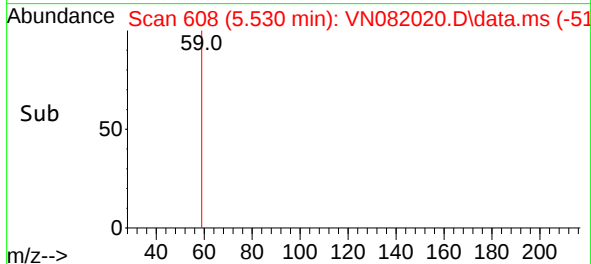
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 59 Resp: 8704
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

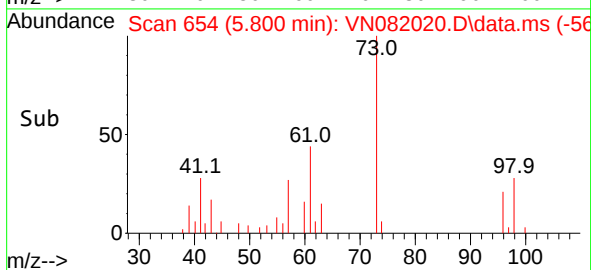
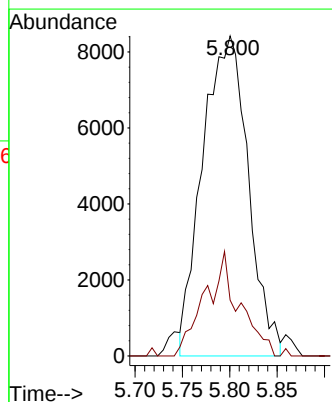
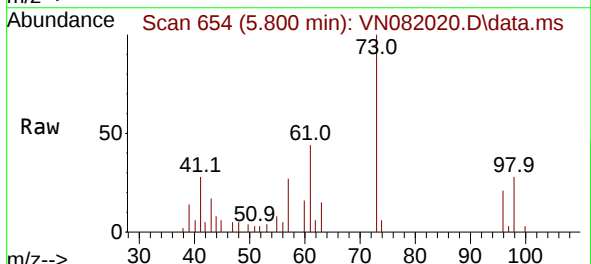
Manual Integrations
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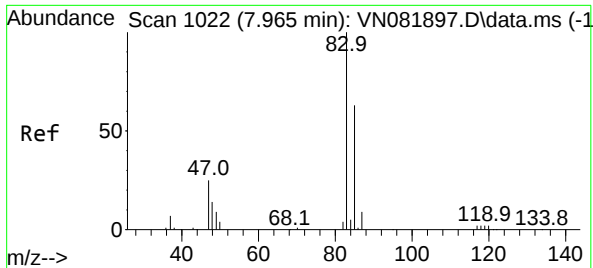
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#24
Methyl tert-Butyl Ether
Concen: 4.530 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

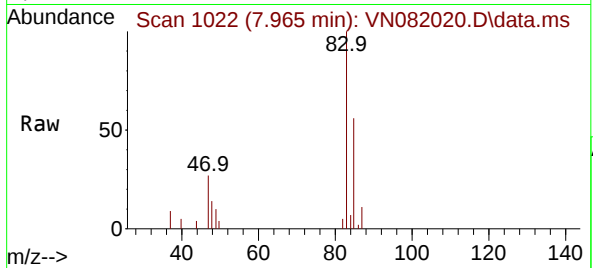
Tgt Ion: 73 Resp: 28241
Ion Ratio Lower Upper
73 100
43 4.4 13.4 20.2#





#25
Chloroform
Concen: 5.023 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

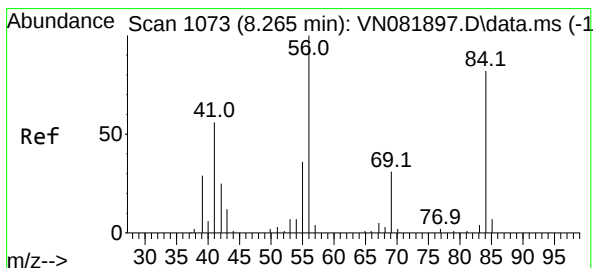
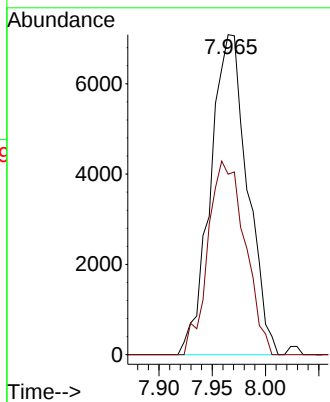
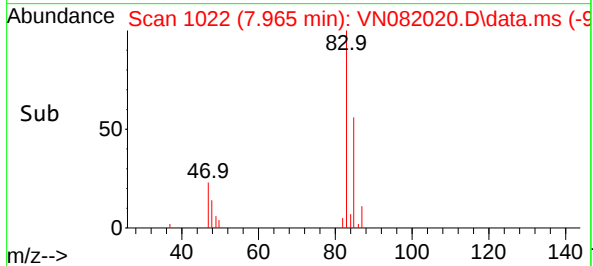
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



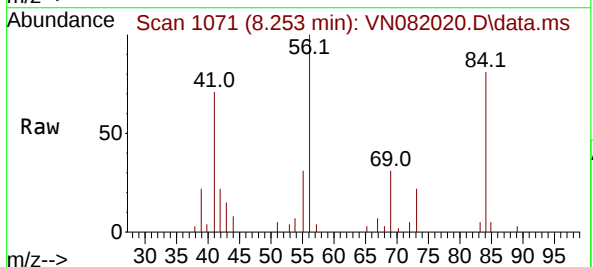
Tgt Ion: 83 Resp: 17180
Ion Ratio Lower Upper
83 100
85 56.4 50.9 76.3

Manual Integrations
APPROVED

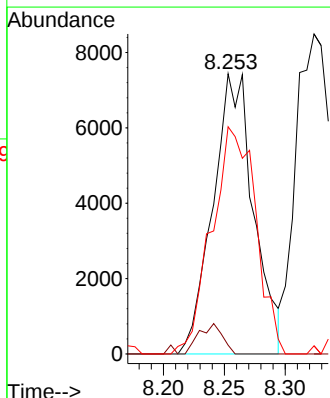
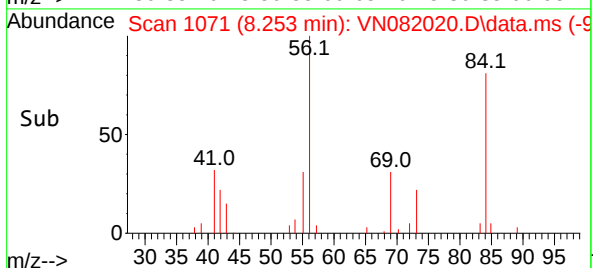
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

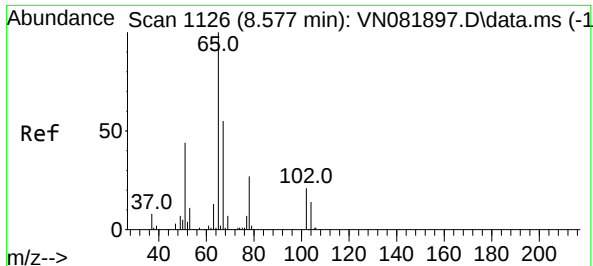


#26
Cyclohexane
Concen: 5.651 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.012 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36



Tgt Ion: 56 Resp: 17381
Ion Ratio Lower Upper
56 100
89 6.2 19.3 28.9#
84 87.5 71.3 106.9





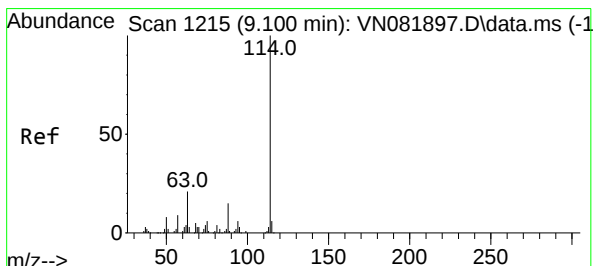
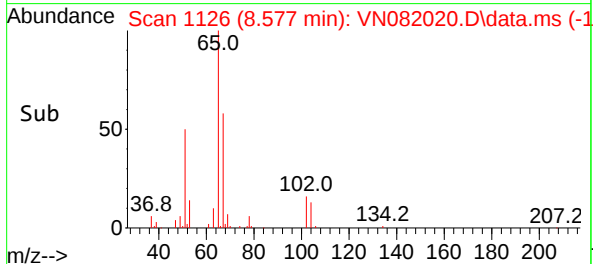
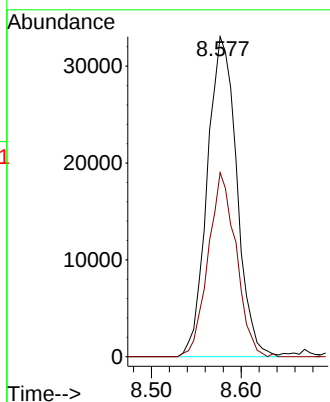
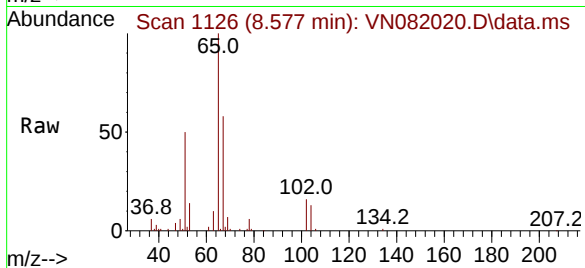
#27
1,2-Dichloroethane-d4
Concen: 31.762 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 65 Resp: 7534
Ion Ratio Lower Upper
65 100
67 54.4 43.2 64.8

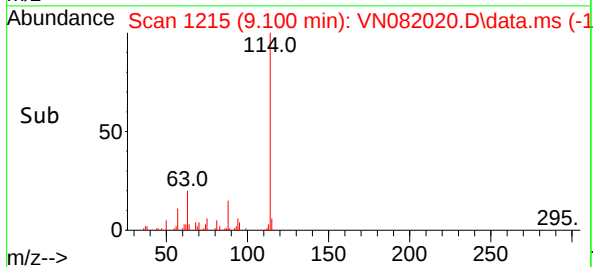
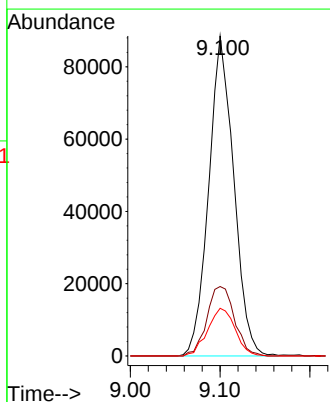
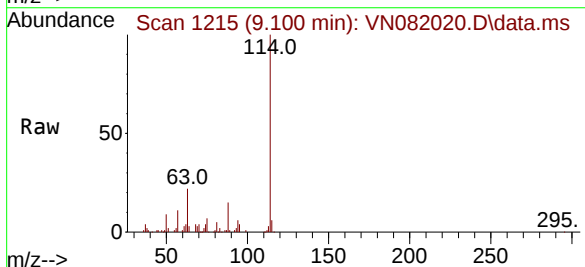
Manual Integrations
APPROVED

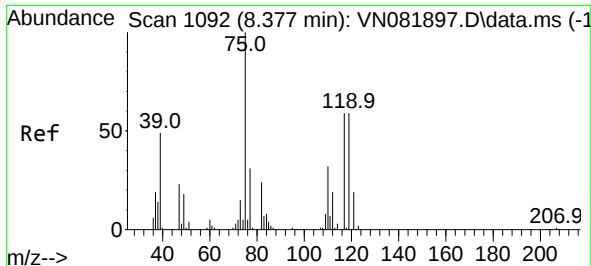
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

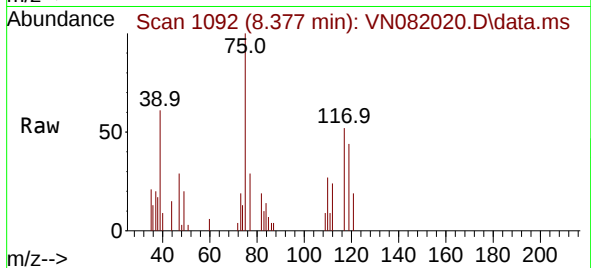
Tgt Ion:114 Resp: 171420
Ion Ratio Lower Upper
114 100
63 23.9 15.9 23.9#
88 16.4 12.7 19.1





#29
1,1-Dichloropropene
Concen: 4.771 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

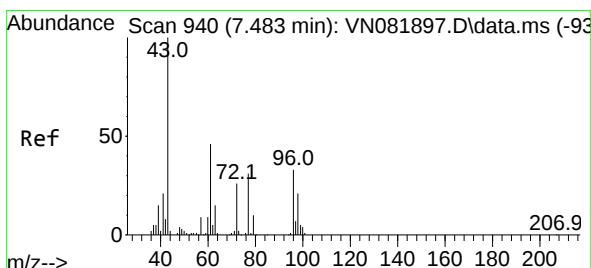
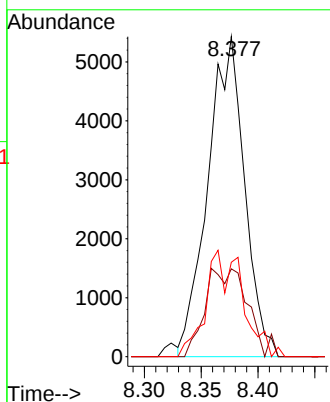
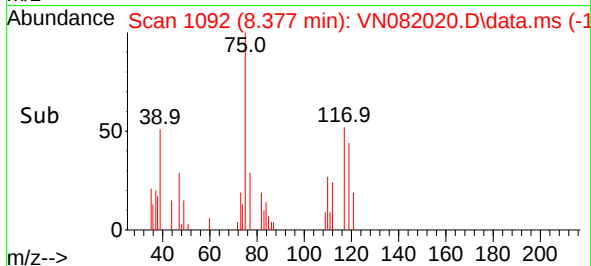
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



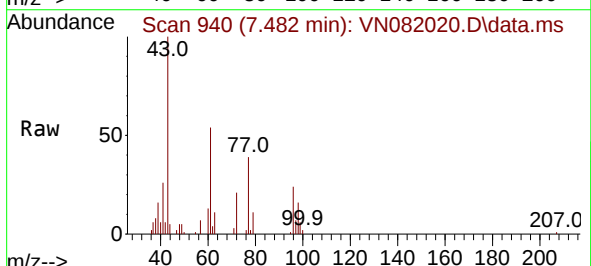
Tgt Ion: 75 Resp: 12170
Ion Ratio Lower Upper
75 100
110 14.8 0.0 70.2
77 14.0 0.0 61.4

Manual Integrations
APPROVED

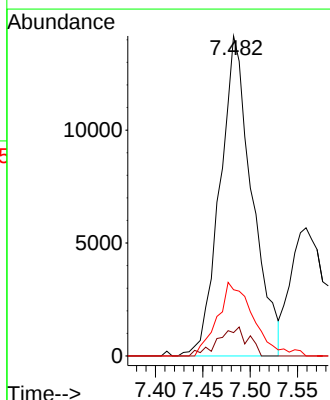
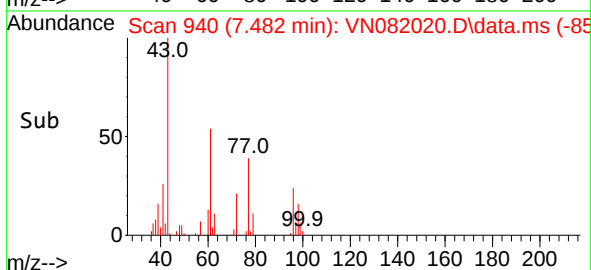
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

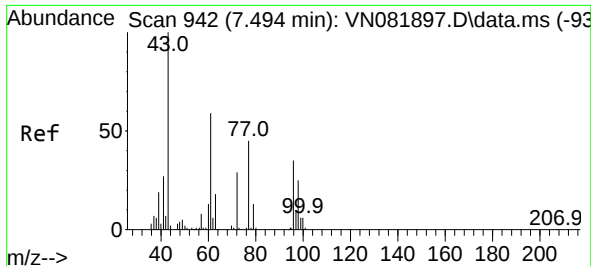


#30
2-Butanone
Concen: 25.396 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36



Tgt Ion: 43 Resp: 33408
Ion Ratio Lower Upper
43 100
57 5.9 6.7 10.1#
72 25.3 24.0 36.0





#31

2,2-Dichloropropane

Concen: 6.005 ug/l m

RT: 7.482 min Scan# 94

Delta R.T. -0.012 min

Lab File: VN082020.D

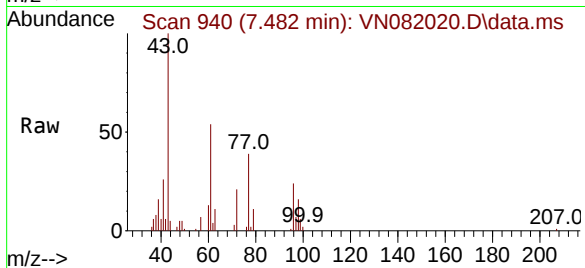
Acq: 07 May 2024 12:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024



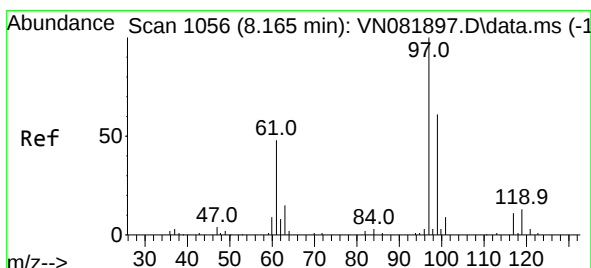
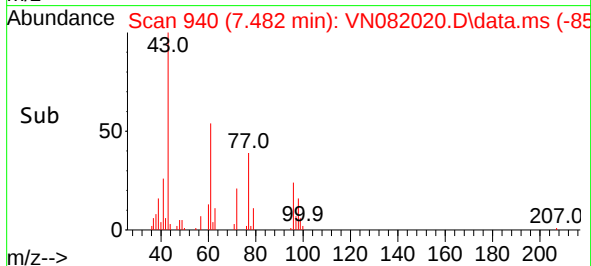
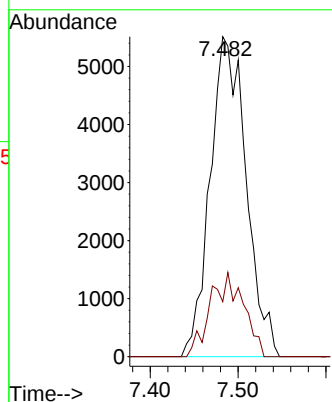
Tgt Ion:	77	Resp:	1570
Ion Ratio	100	Lower	Upper
77	100		
97	1.6	18.3	27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#32

1,1,1-Trichloroethane

Concen: 4.725 ug/l

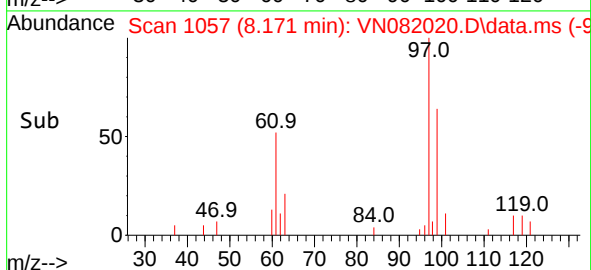
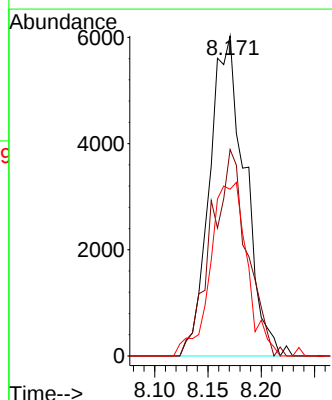
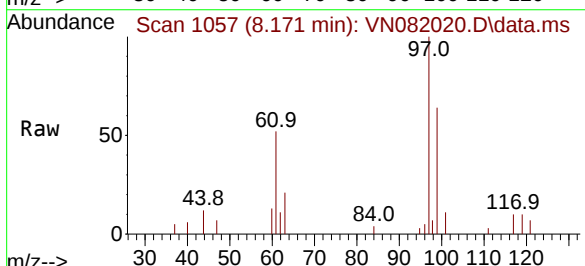
RT: 8.171 min Scan# 1057

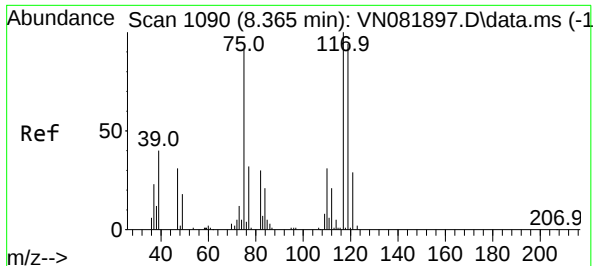
Delta R.T. 0.006 min

Lab File: VN082020.D

Acq: 07 May 2024 12:36

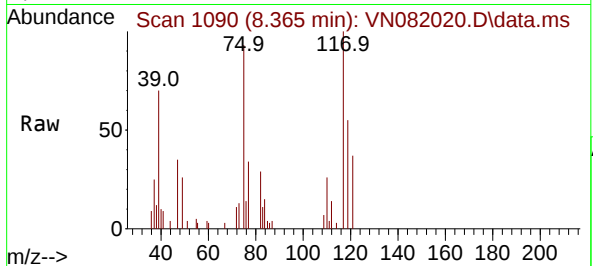
Tgt Ion:	97	Resp:	13868
Ion Ratio	100	Lower	Upper
97	100		
99	43.7	51.0	76.4
61	45.8	33.8	50.8





#33
Carbon Tetrachloride
Concen: 4.613 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

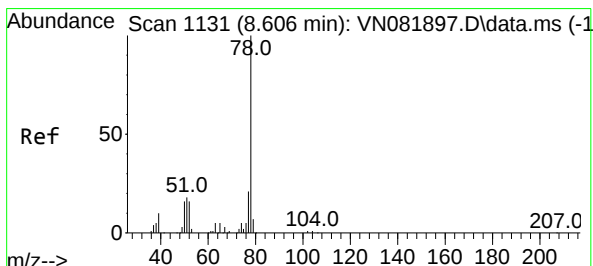
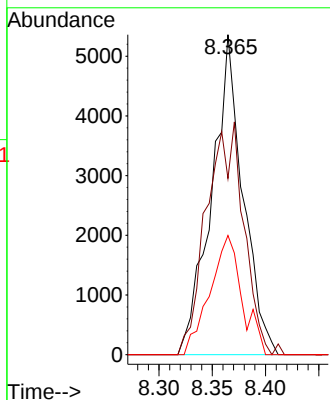
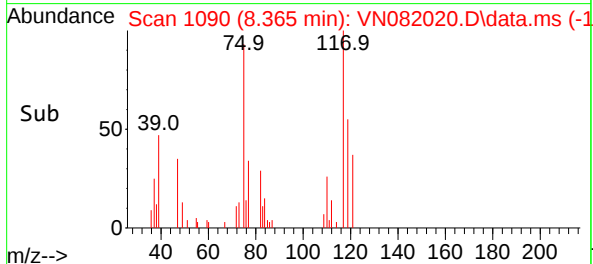
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion: 117 Resp: 1098
Ion Ratio Lower Upper
117 100
119 55.0 77.7 116.5
121 37.2 27.0 40.6

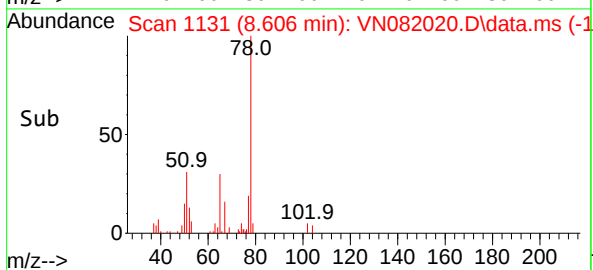
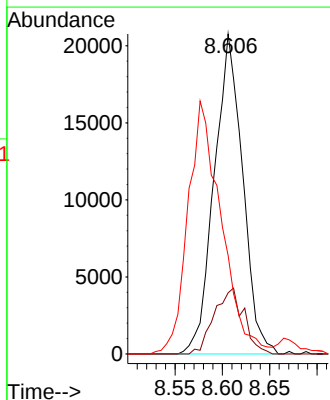
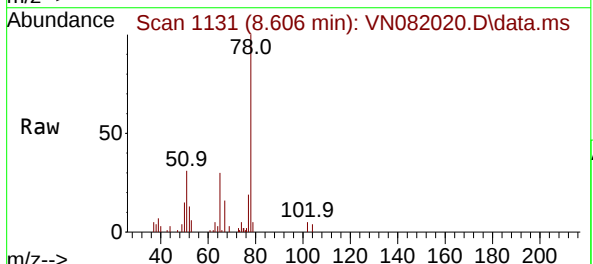
Manual Integrations
APPROVED

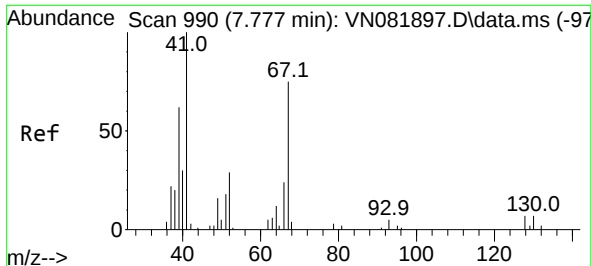
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#34
Benzene
Concen: 5.320 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

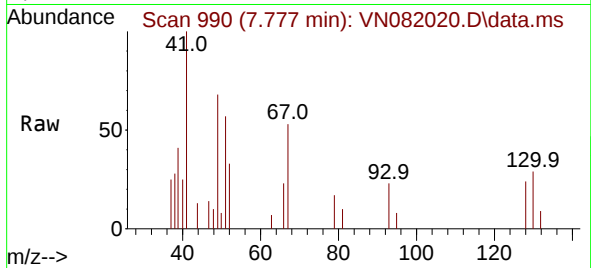
Tgt Ion: 78 Resp: 43317
Ion Ratio Lower Upper
78 100
77 19.1 19.2 28.8#
51 27.7 13.3 19.9#





#35
Methacrylonitrile
Concen: 4.708 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

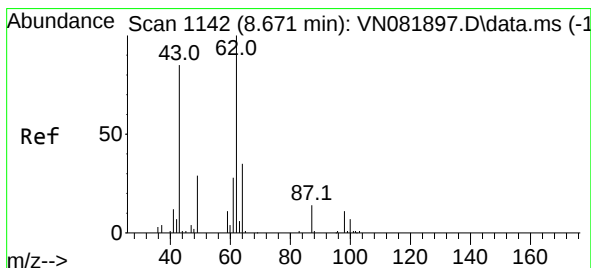
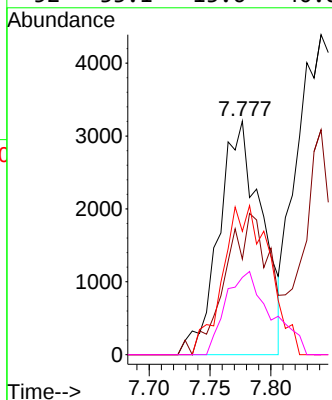
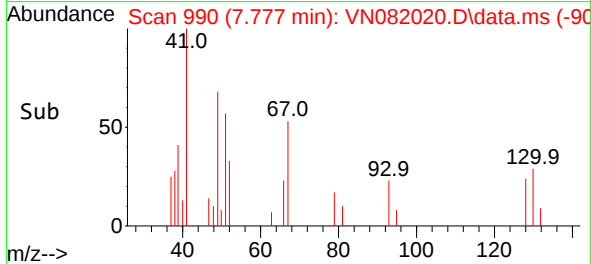
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:	41	Resp:	783
Ion Ratio	100	Lower	Upper
39	40.9	25.3	75.9
67	52.8	38.7	116.1
52	33.1	13.6	40.8

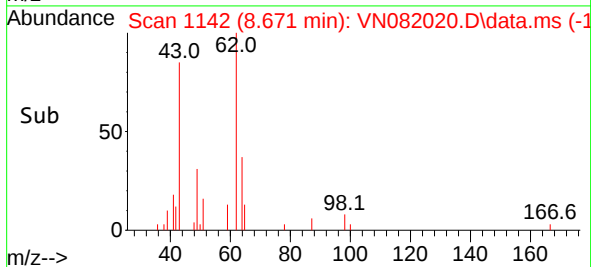
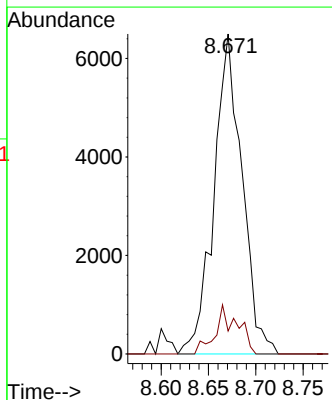
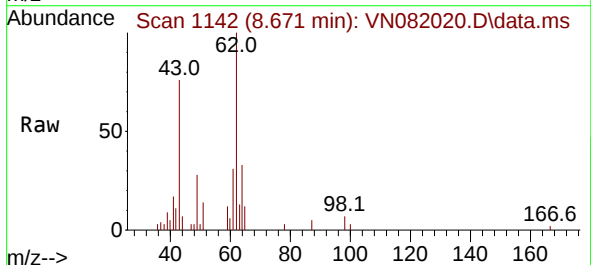
Manual Integrations
APPROVED

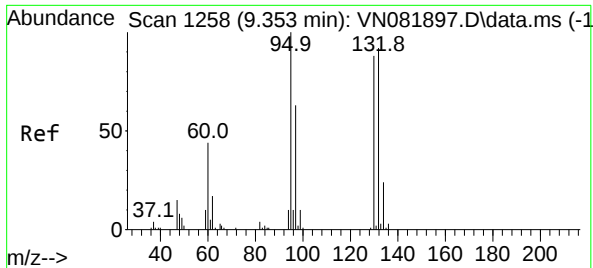
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#36
1,2-Dichloroethane
Concen: 4.908 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

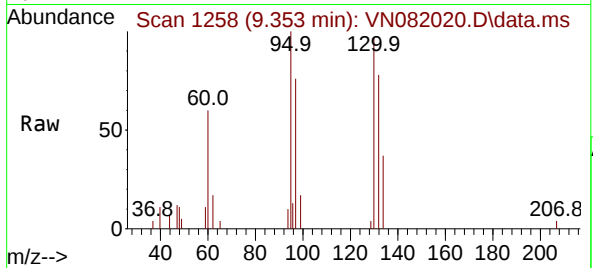
Tgt Ion:	62	Resp:	13414
Ion Ratio	100	Lower	Upper
98	3.6	8.2	12.4





#37
Trichloroethene
Concen: 4.695 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

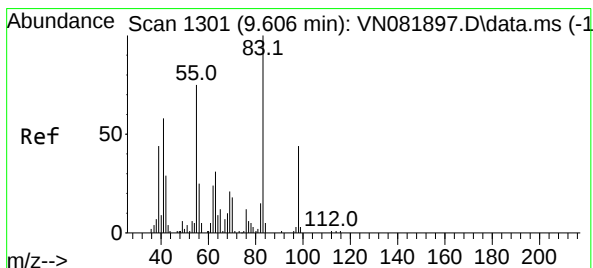
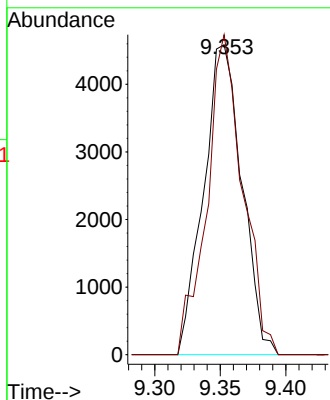
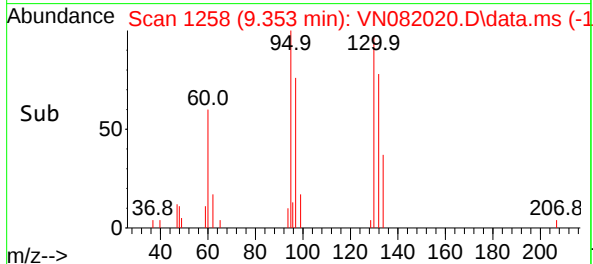
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:130 Resp: 936
Ion Ratio Lower Upper
130 100
95 103.3 80.2 120.4

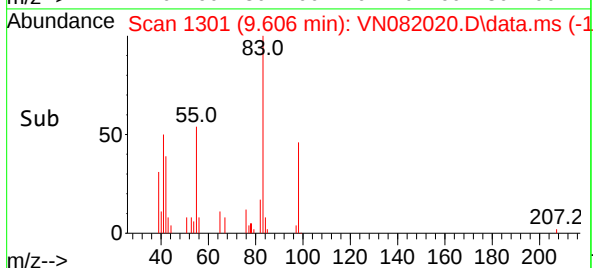
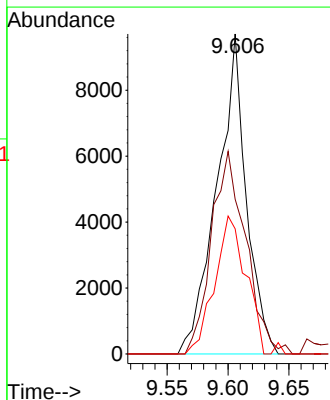
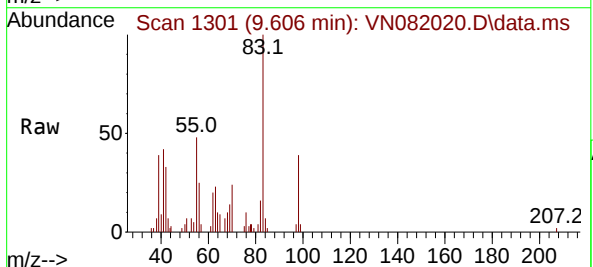
Manual Integrations
APPROVED

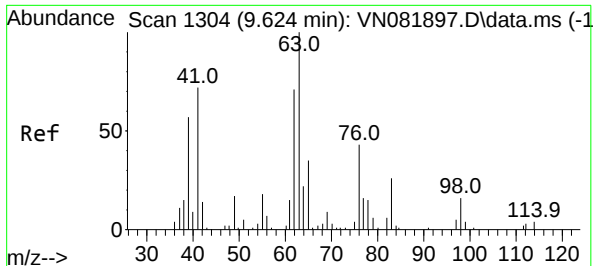
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#38
Methylcyclohexane
Concen: 5.302 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

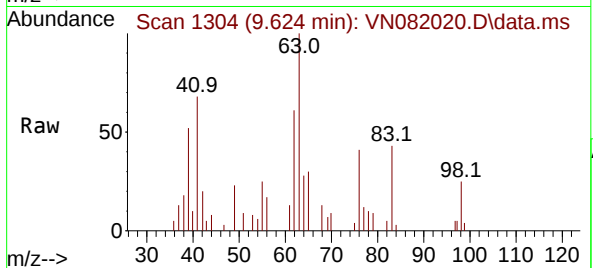
Tgt Ion: 83 Resp: 16345
Ion Ratio Lower Upper
83 100
55 73.3 36.6 109.9
98 45.8 23.8 71.5





#39
1,2-Dichloropropane
Concen: 4.972 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

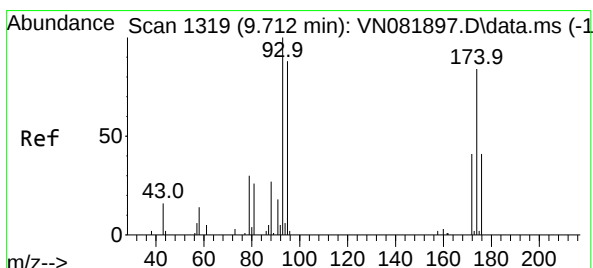
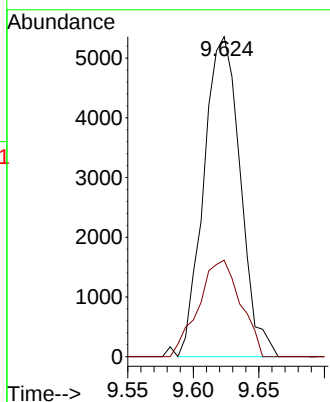
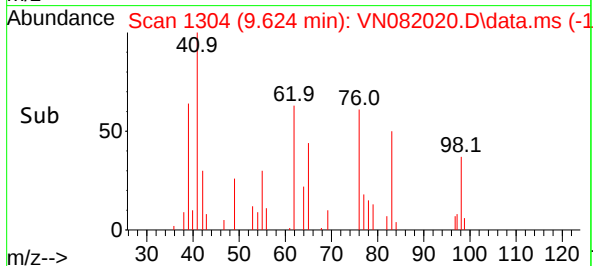
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 63 Resp: 10380
Ion Ratio Lower Upper
63 100
65 30.1 25.0 37.4

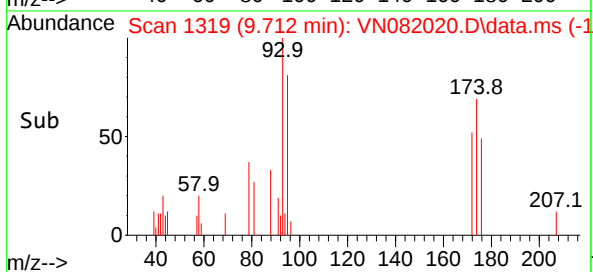
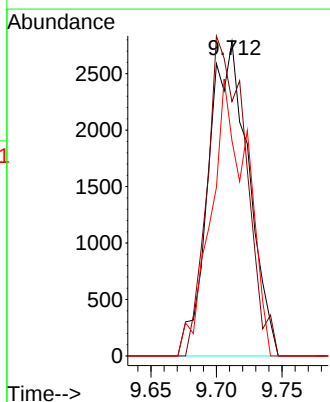
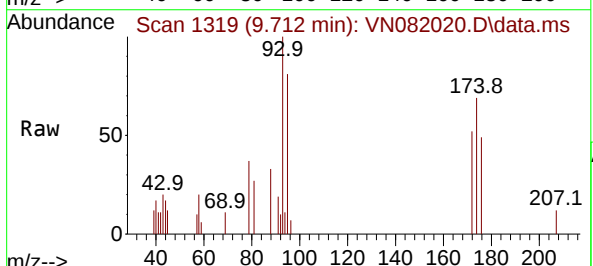
Manual Integrations
APPROVED

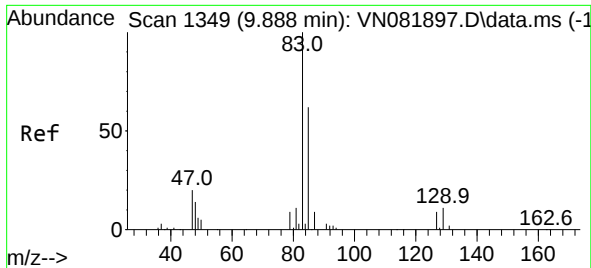
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#40
Dibromomethane
Concen: 4.411 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

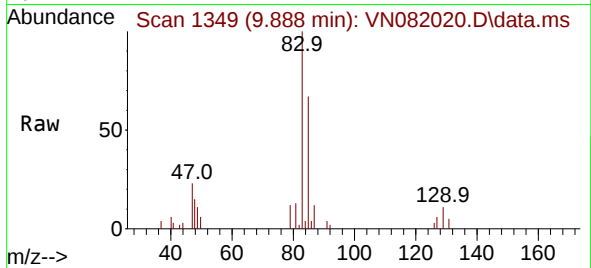
Tgt Ion: 93 Resp: 5920
Ion Ratio Lower Upper
93 100
95 96.9 0.0 164.6
174 58.8 0.0 193.2





#41
Bromodichloromethane
Concen: 4.471 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

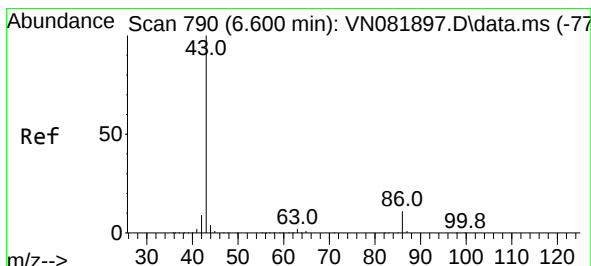
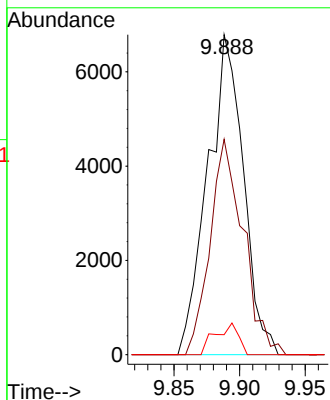
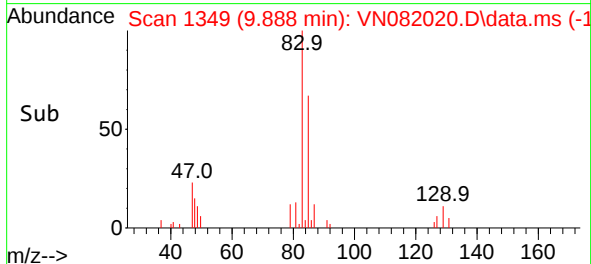
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 83 Resp: 1282
Ion Ratio Lower Upper
83 100
85 67.3 49.4 74.2
127 6.2 7.3 10.9

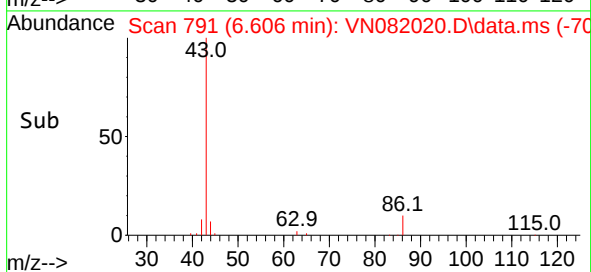
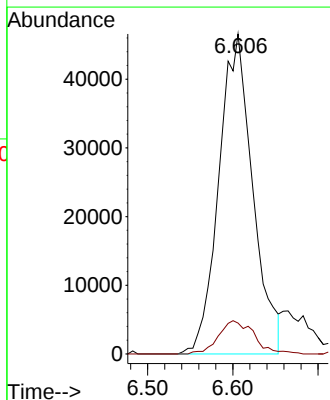
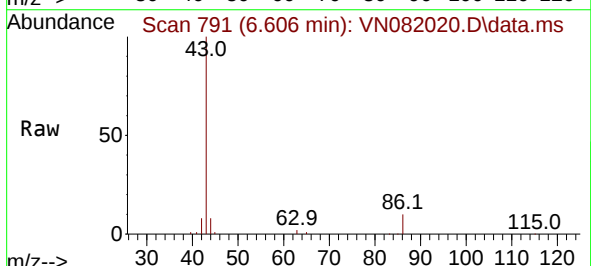
Manual Integrations
APPROVED

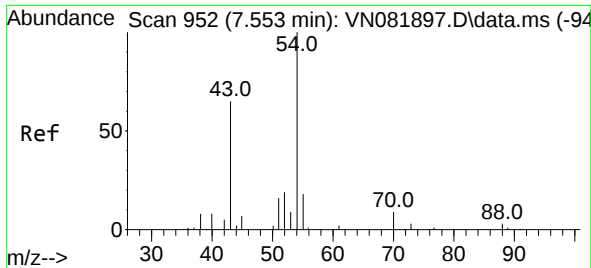
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#42
Vinyl Acetate
Concen: 22.994 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

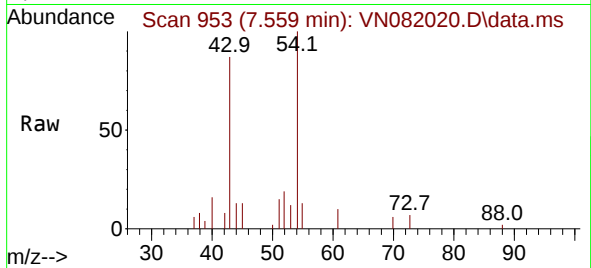
Tgt Ion: 43 Resp: 128749
Ion Ratio Lower Upper
43 100
86 6.3 9.4 14.2#





#43
Ethyl Acetate
Concen: 5.104 ug/l
RT: 7.559 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

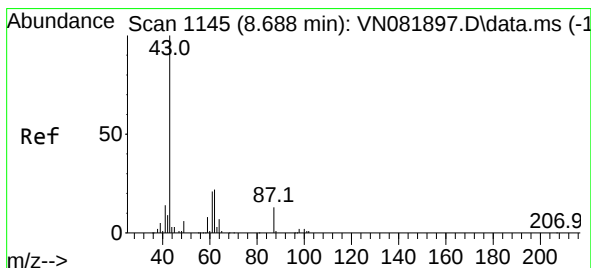
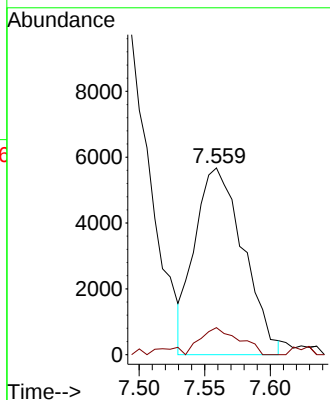
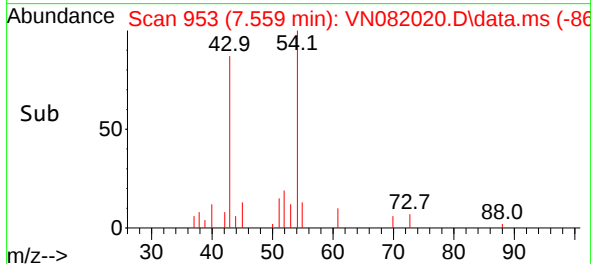
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



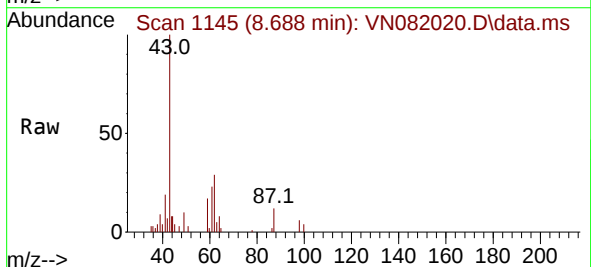
Tgt Ion: 43 Resp: 14638
Ion Ratio Lower Upper
43 100
45 11.4 10.6 15.8

Manual Integrations
APPROVED

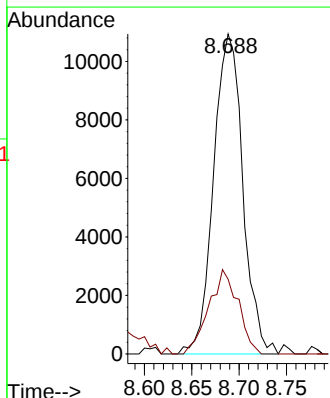
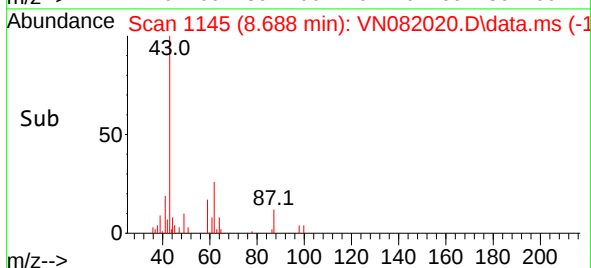
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

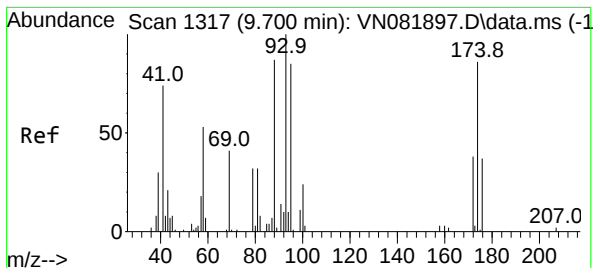


#44
Isopropyl Acetate
Concen: 4.621 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36



Tgt Ion: 43 Resp: 23532
Ion Ratio Lower Upper
43 100
61 26.4 25.0 37.4





#45

1,4-Dioxane

Concen: 98.540 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN082020.D

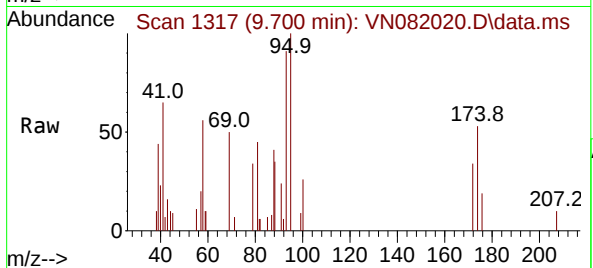
Acq: 07 May 2024 12:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024



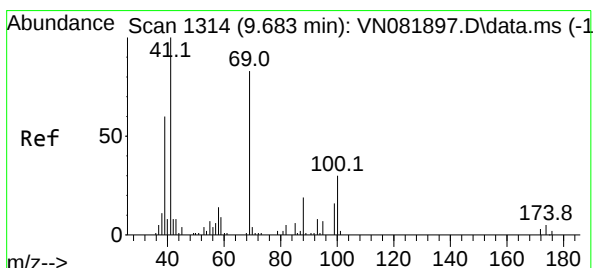
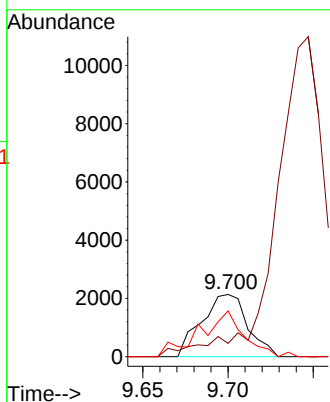
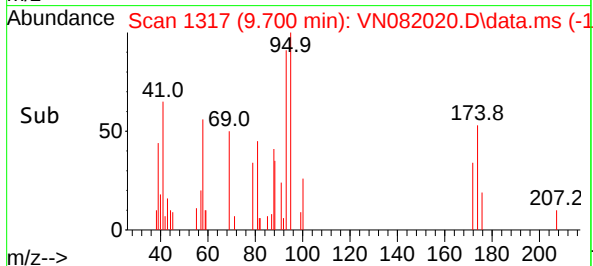
Tgt Ion: 88	Resp: 4024
Ion Ratio	Lower Upper
88 100	
43 0.0	19.8 29.6
58 42.8	55.4 83.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#46

Methyl methacrylate

Concen: 4.590 ug/l

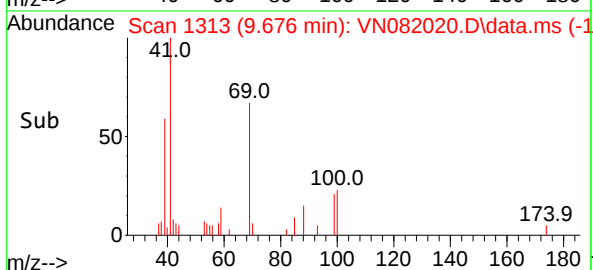
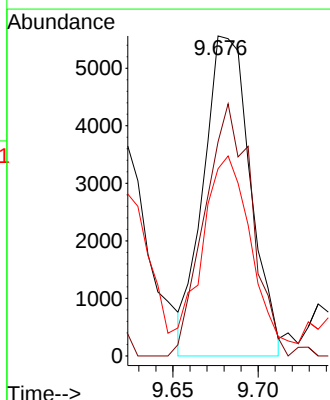
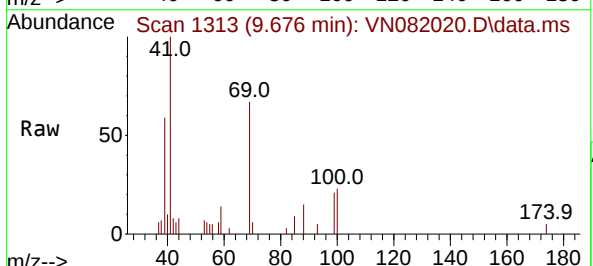
RT: 9.676 min Scan# 1313

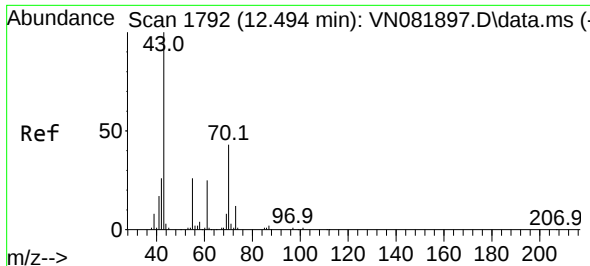
Delta R.T. -0.006 min

Lab File: VN082020.D

Acq: 07 May 2024 12:36

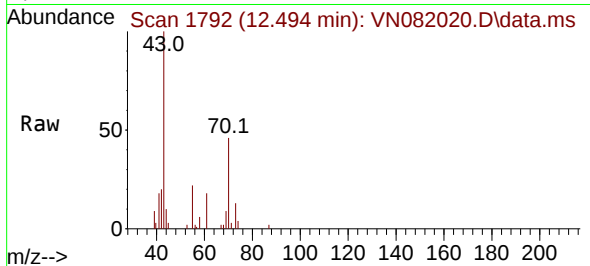
Tgt Ion: 41	Resp: 10678
Ion Ratio	Lower Upper
41 100	
69 67.0	51.1 153.3
39 55.4	25.8 77.3





#47
n-amyl acetate
Concen: 4.423 ug/l
RT: 12.494 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

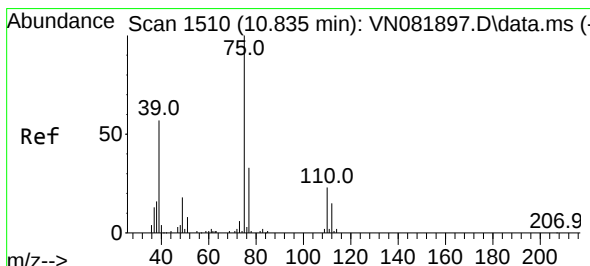
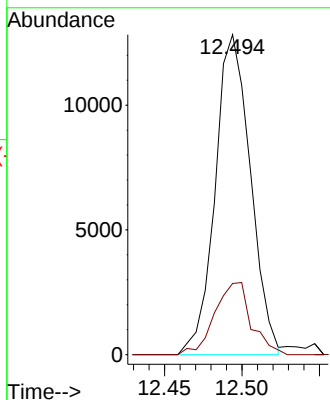
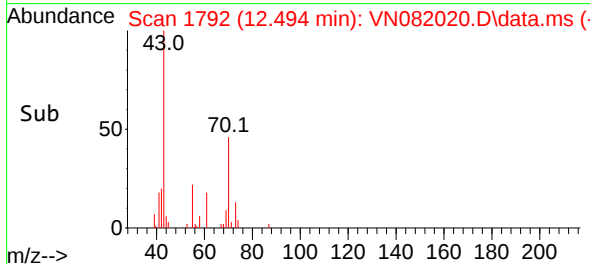
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



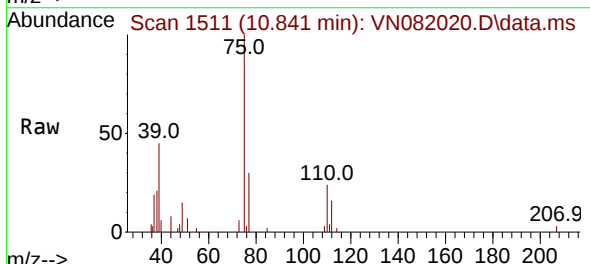
Tgt Ion: 43 Resp: 20312
Ion Ratio Lower Upper
43 100
55 23.3 23.4 35.2

Manual Integrations
APPROVED

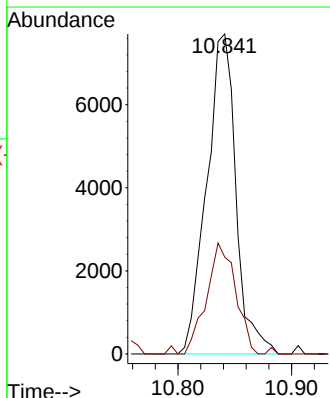
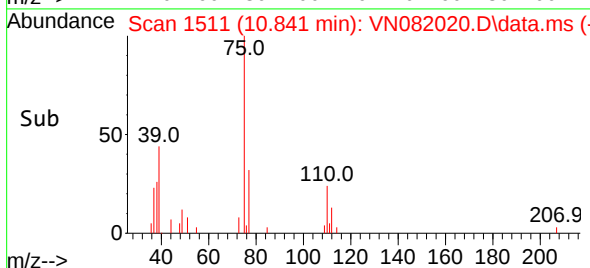
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

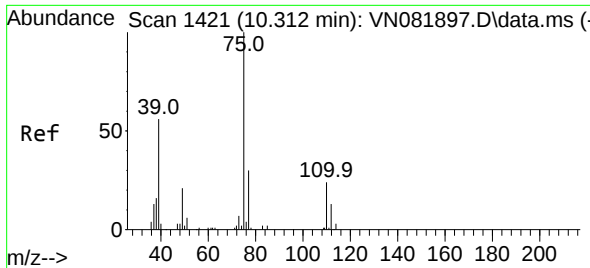


#48
t-1,3-Dichloropropene
Concen: 4.435 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36



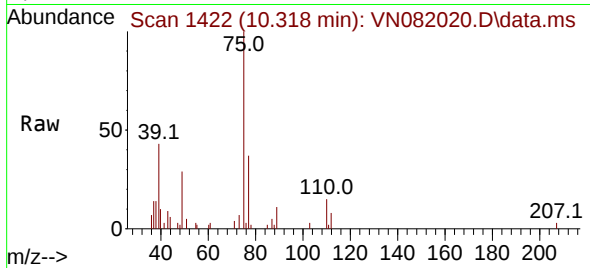
Tgt Ion: 75 Resp: 13797
Ion Ratio Lower Upper
75 100
77 30.2 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 4.554 ug/l
RT: 10.318 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

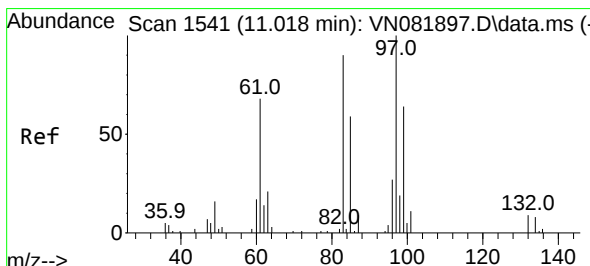
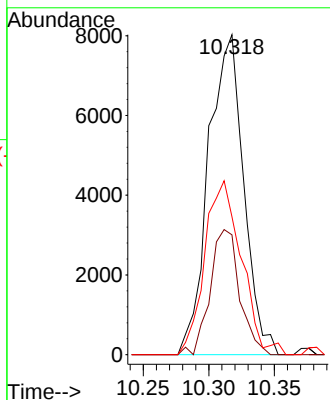
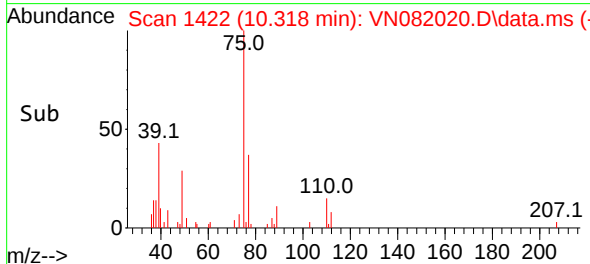
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 75 Resp: 14978
Ion Ratio Lower Upper
75 100
77 37.5 24.9 37.3
39 43.1 31.0 46.6

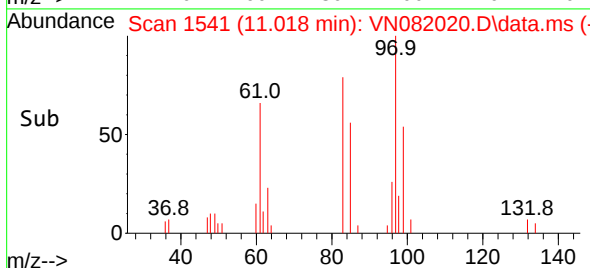
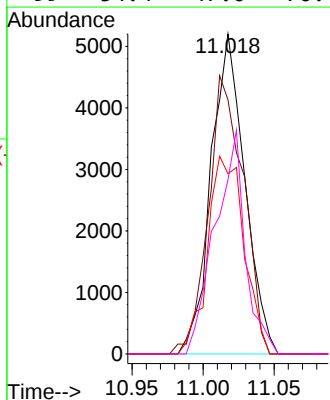
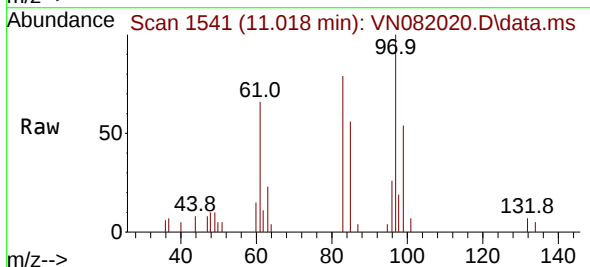
Manual Integrations
APPROVED

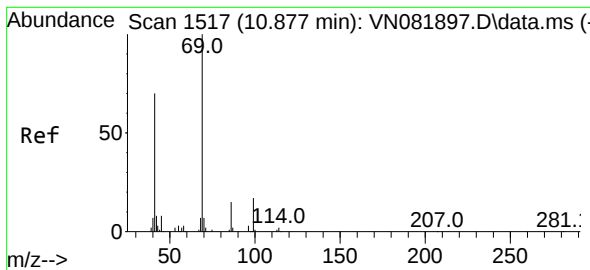
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#50
1,1,2-Trichloroethane
Concen: 4.716 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

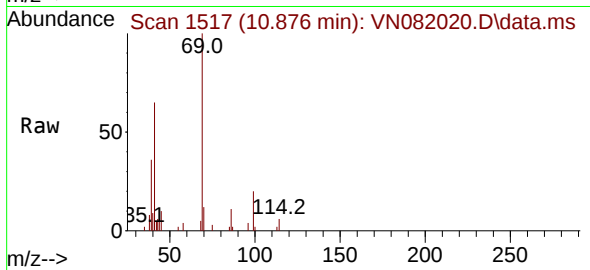
Tgt Ion: 97 Resp: 8586
Ion Ratio Lower Upper
97 100
83 79.5 68.1 102.1
85 56.3 41.8 62.6
99 54.4 47.0 70.4





#51
Ethyl methacrylate
Concen: 4.526 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

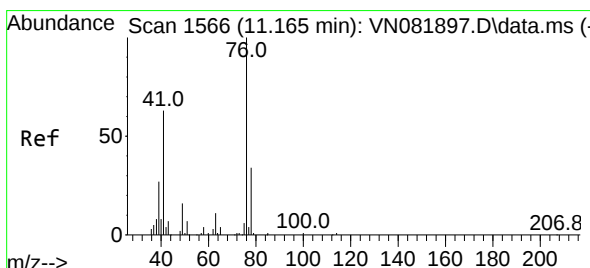
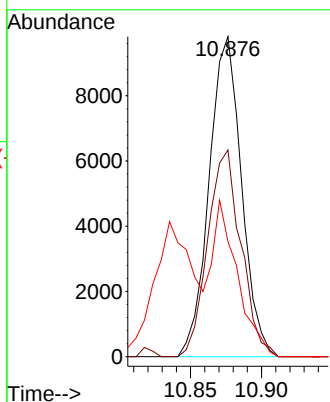
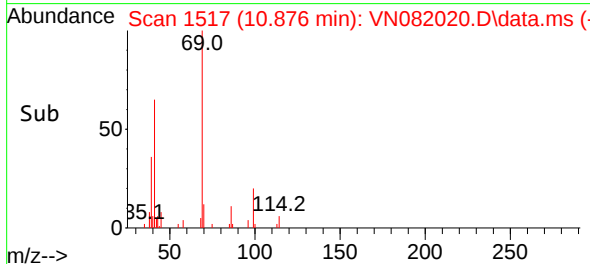
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion: 69 Resp: 1555
Ion Ratio Lower Upper
69 100
41 64.6 25.5 76.5
39 35.9 16.0 47.9

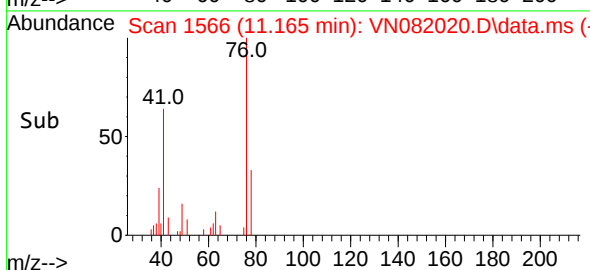
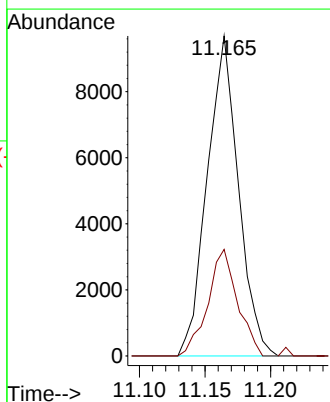
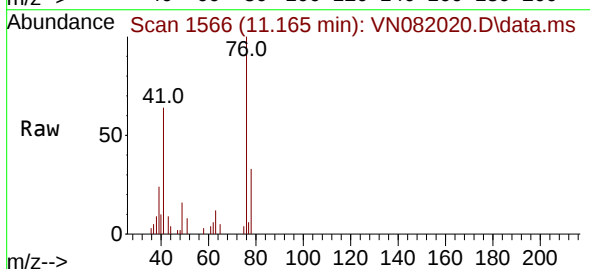
Manual Integrations
APPROVED

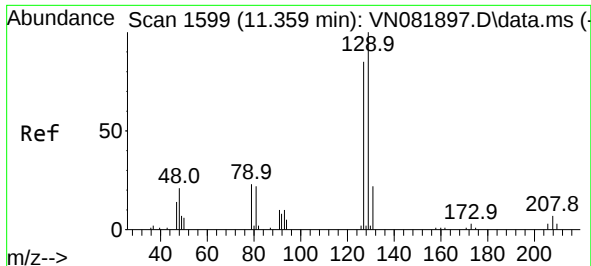
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#52
1,3-Dichloropropane
Concen: 4.793 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

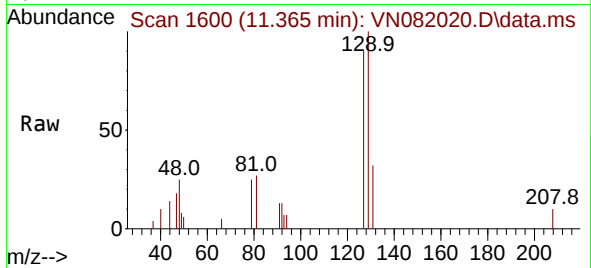
Tgt Ion: 76 Resp: 16034
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.8





#53
Dibromochloromethane
Concen: 4.025 ug/l
RT: 11.365 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

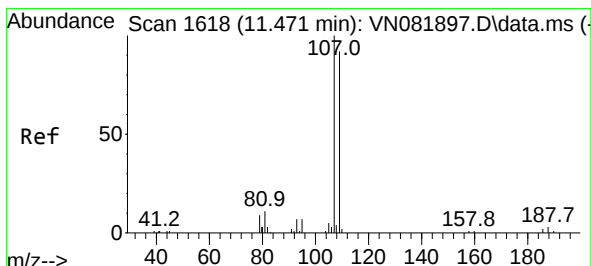
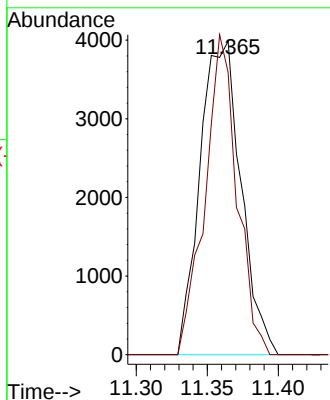
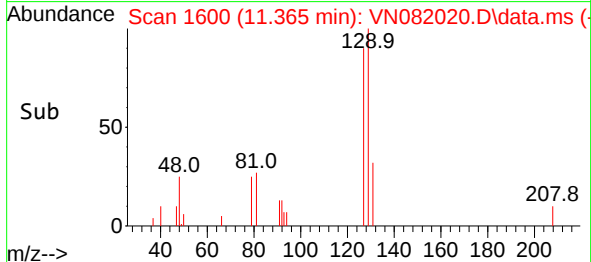
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:129 Resp: 797.0
Ion Ratio Lower Upper
129 100
127 79.9 39.4 118.1

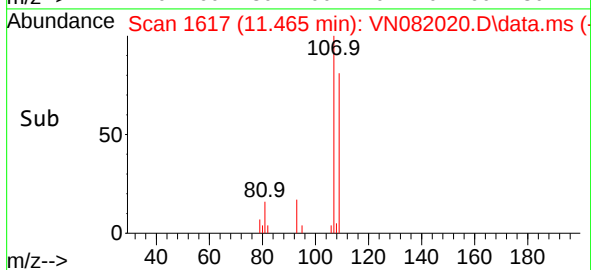
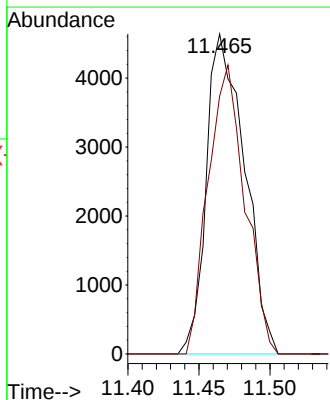
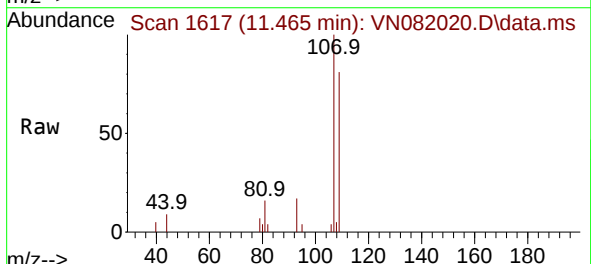
Manual Integrations
APPROVED

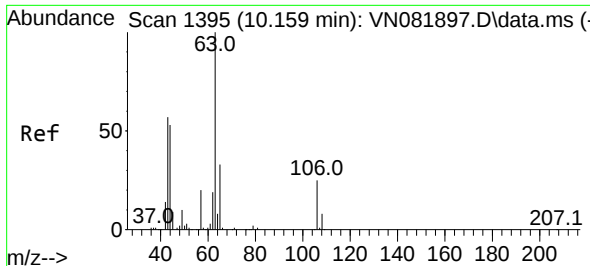
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#54
1,2-Dibromoethane
Concen: 4.781 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

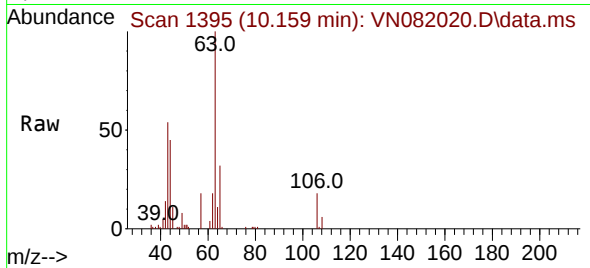
Tgt Ion:107 Resp: 8682
Ion Ratio Lower Upper
107 100
109 87.1 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 26.203 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

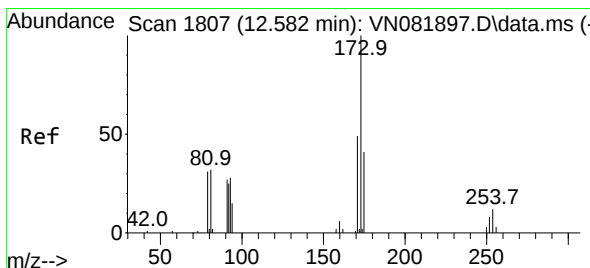
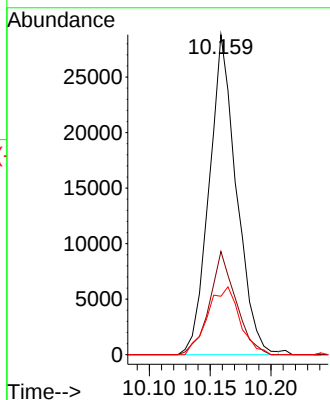
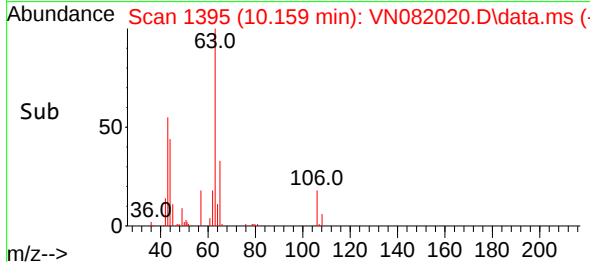
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion: 63 Resp: 45020
Ion Ratio Lower Upper
63 100
65 31.1 26.2 39.2
106 25.0 23.8 35.8

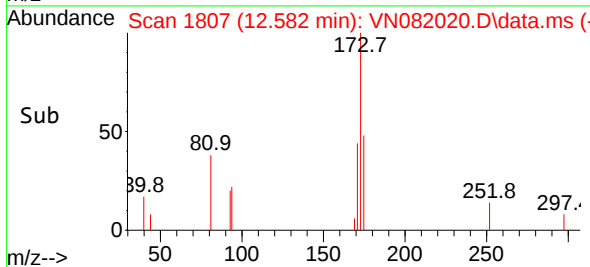
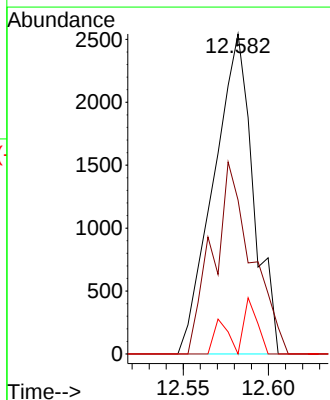
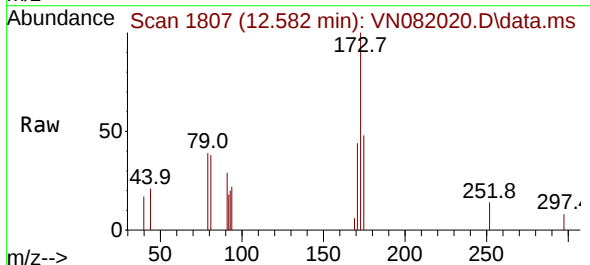
Manual Integrations
APPROVED

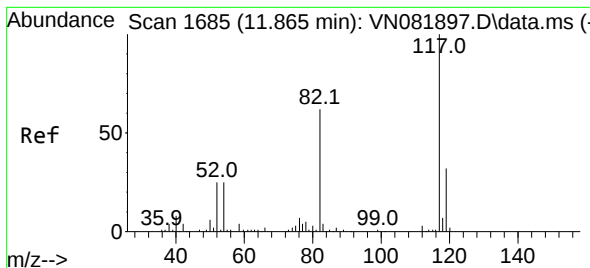
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#56
Bromoform
Concen: 3.410 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

Tgt Ion:173 Resp: 4111
Ion Ratio Lower Upper
173 100
175 58.9 40.0 60.0
254 5.9 8.3 12.5#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082020.D

Acq: 07 May 2024 12:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

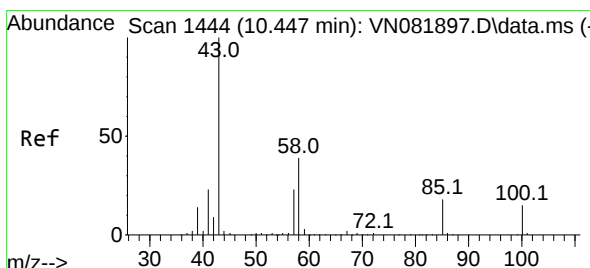
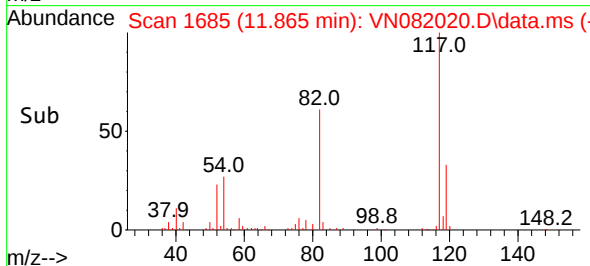
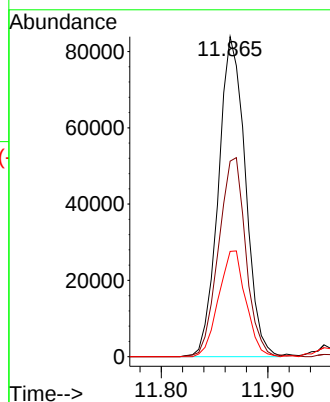
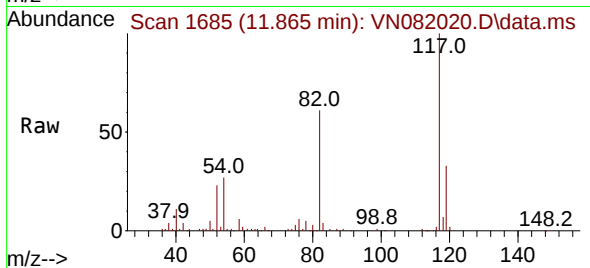
Tgt Ion:	117	Resp:	14744
Ion Ratio	Lower	Upper	
117	100		
82	62.9	46.6	69.8
119	33.3	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#58

4-Methyl-2-Pentanone

Concen: 23.562 ug/l

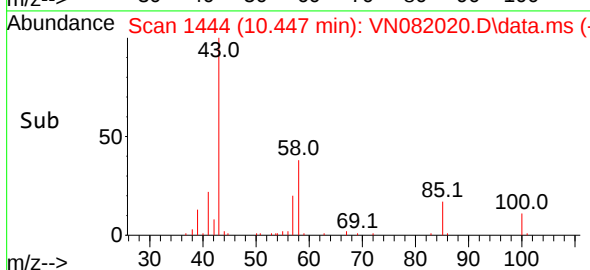
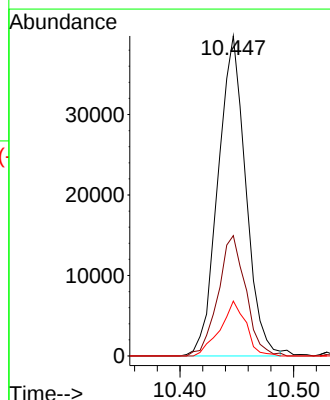
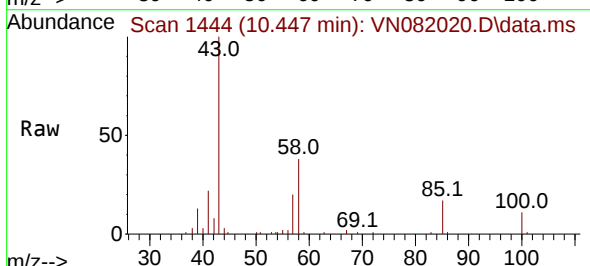
RT: 10.447 min Scan# 1444

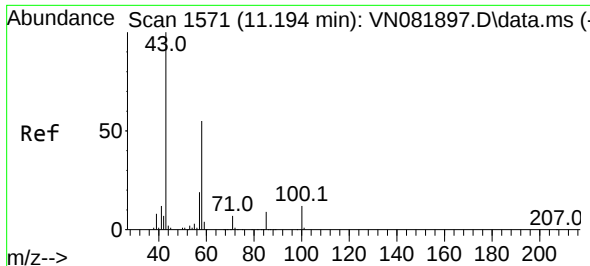
Delta R.T. -0.000 min

Lab File: VN082020.D

Acq: 07 May 2024 12:36

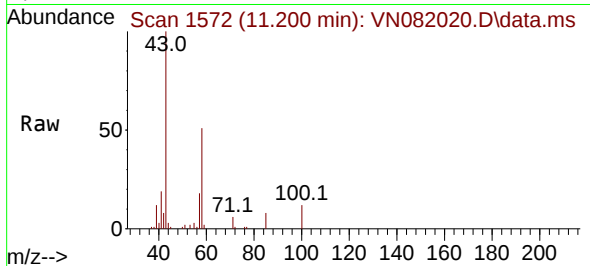
Tgt Ion:	43	Resp:	67457
Ion Ratio	Lower	Upper	
43	100		
58	37.5	36.5	54.7
85	16.0	19.5	29.3





#59
2-Hexanone
Concen: 24.475 ug/l
RT: 11.200 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

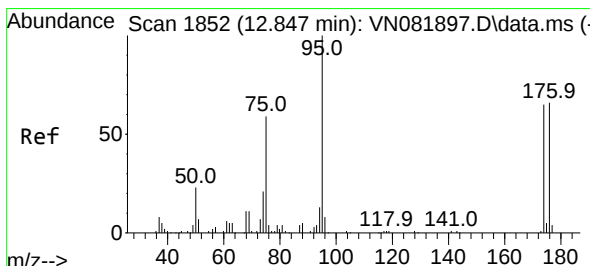
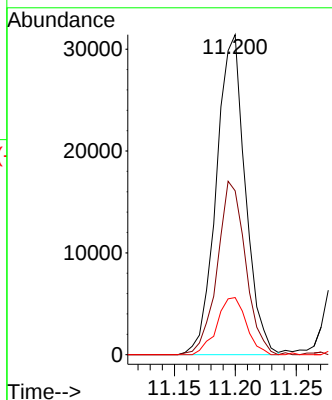
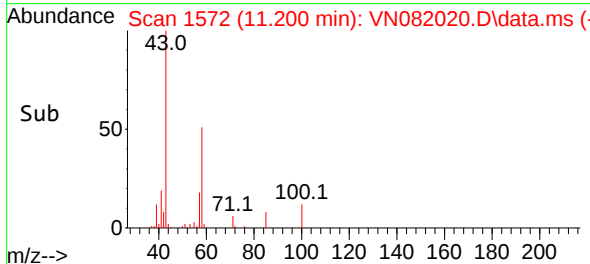
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 43 Resp: 5195
Ion Ratio Lower Upper
43 100
58 52.7 50.4 75.6
57 18.1 18.6 27.8

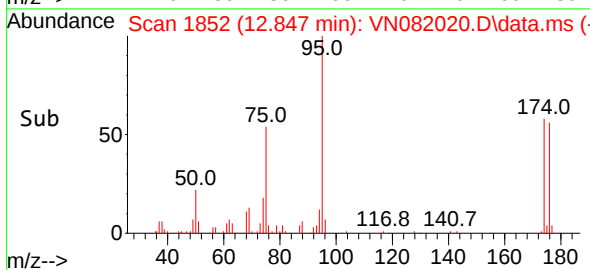
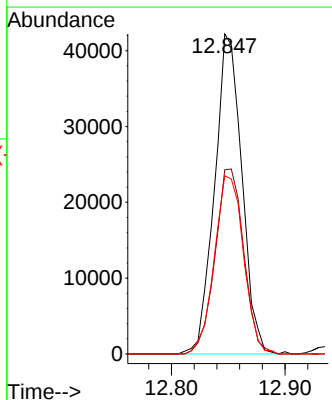
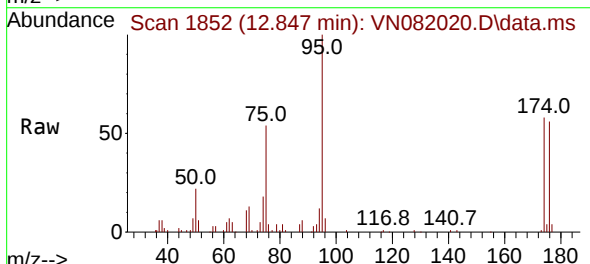
Manual Integrations
APPROVED

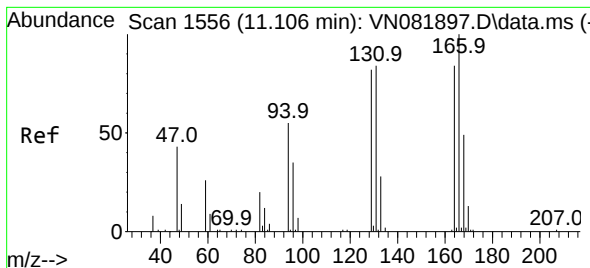
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#60
4-Bromofluorobenzene
Concen: 28.667 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

Tgt Ion: 95 Resp: 70344
Ion Ratio Lower Upper
95 100
174 60.8 60.5 90.7
176 59.5 57.8 86.6





#61

Tetrachloroethene

Concen: 4.305 ug/l

RT: 11.100 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN082020.D

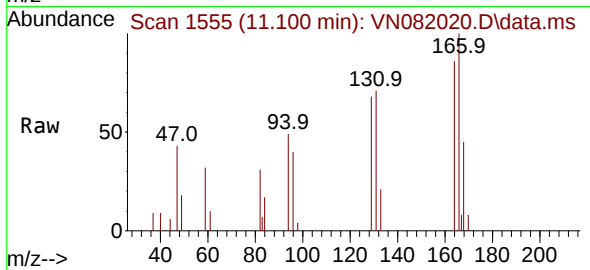
Acq: 07 May 2024 12:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:164 Resp: 7044

Ion Ratio Lower Upper

164 100

166 116.9 106.7 160.1

129 79.4 85.8 128.6

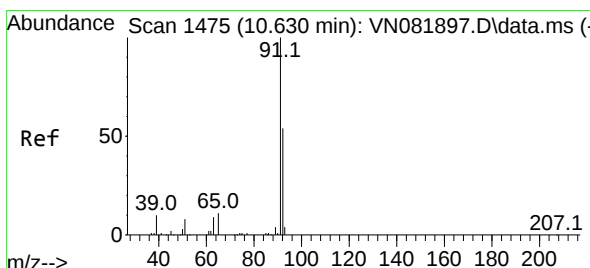
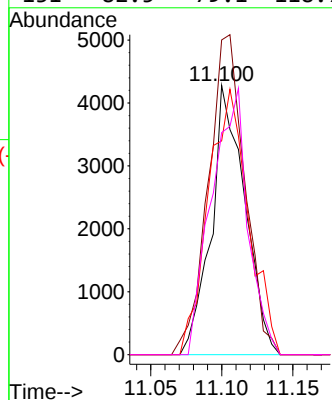
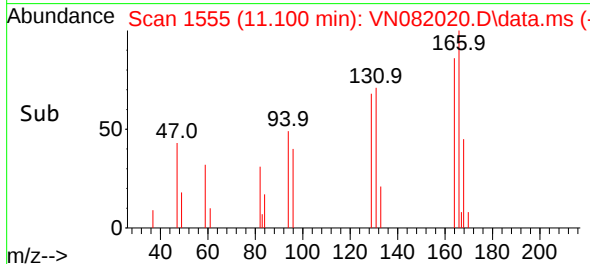
131 82.5 79.1 118.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#62

Toluene

Concen: 4.869 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN082020.D

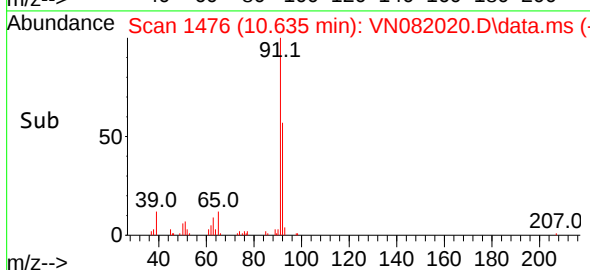
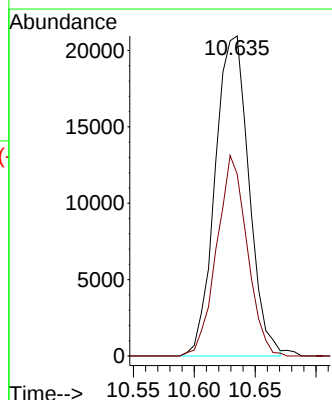
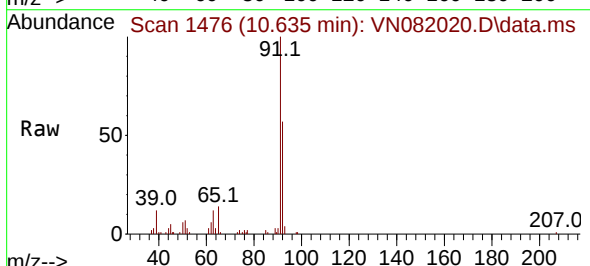
Acq: 07 May 2024 12:36

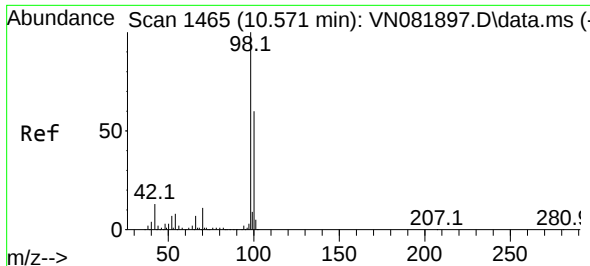
Tgt Ion: 91 Resp: 40398

Ion Ratio Lower Upper

91 100

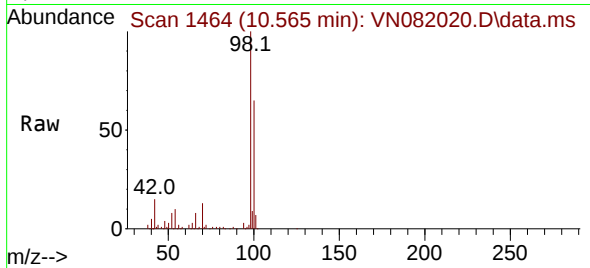
92 56.5 46.5 69.7





#63
Toluene-d8
Concen: 30.547 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

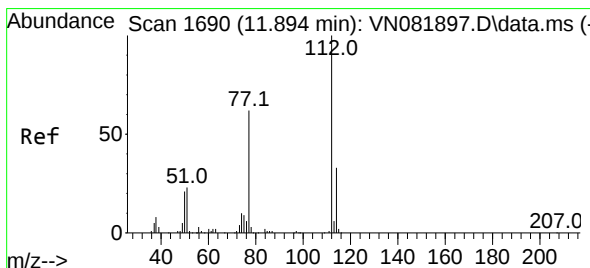
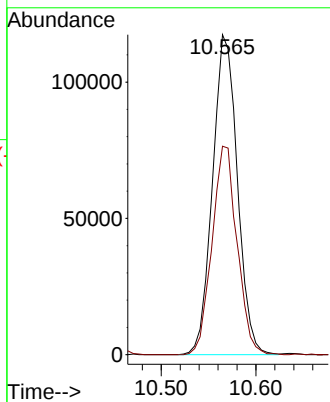
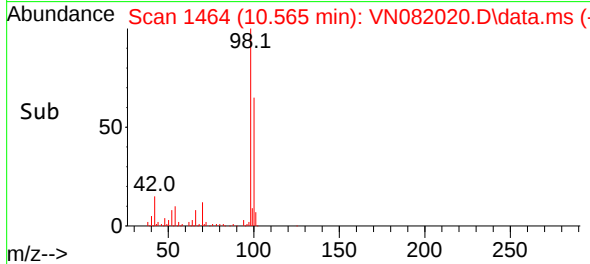
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 98 Resp: 213900
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1

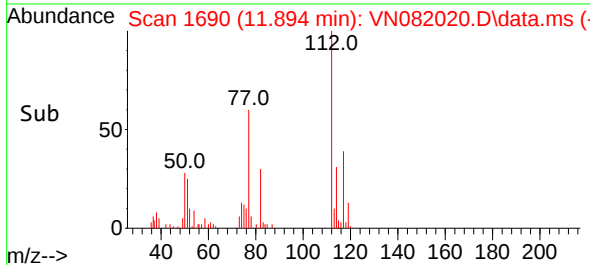
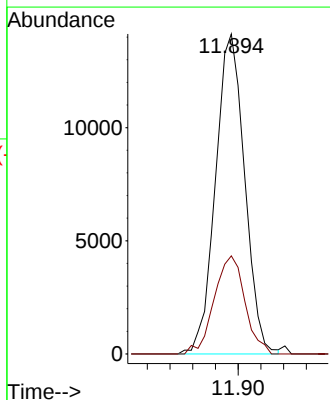
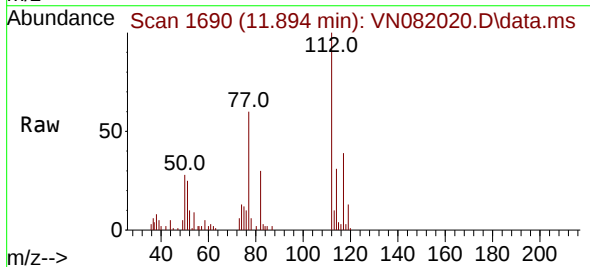
Manual Integrations
APPROVED

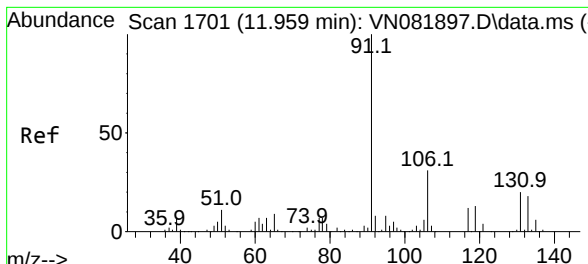
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#64
Chlorobenzene
Concen: 4.966 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

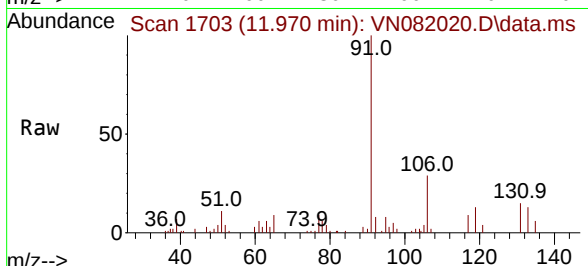
Tgt Ion:112 Resp: 25201
Ion Ratio Lower Upper
112 100
114 30.7 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 4.174 ug/l m
RT: 11.970 min Scan# 1703
Delta R.T. 0.012 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

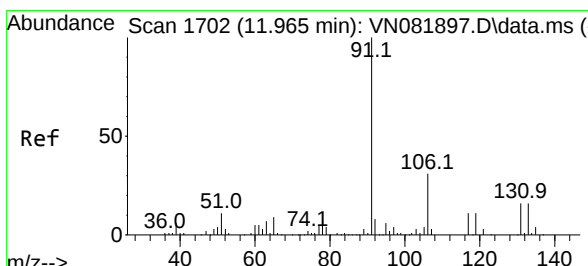
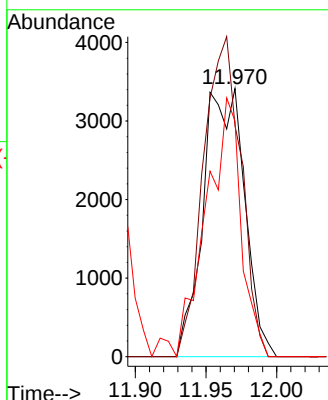
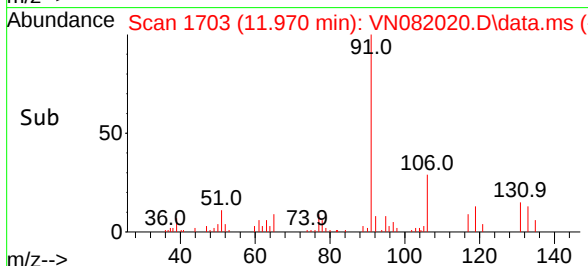
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



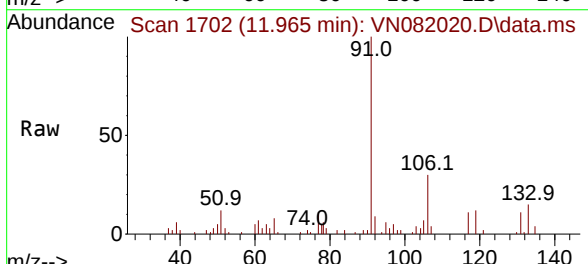
Tgt Ion:131 Resp: 6932
Ion Ratio Lower Upper
131 100
133 108.0 0.0 188.0
119 80.8 0.0 122.8

Manual Integrations
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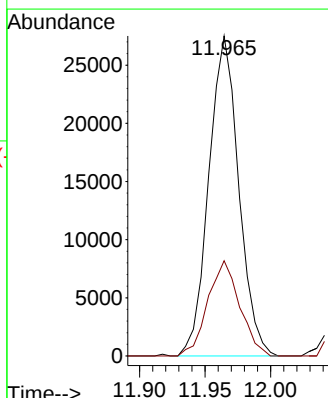
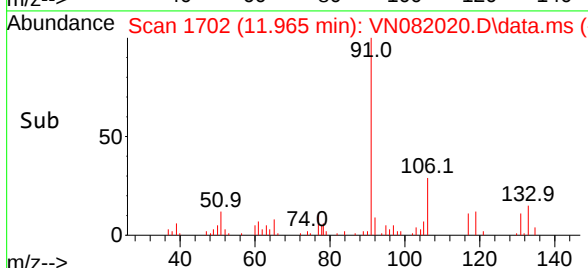
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

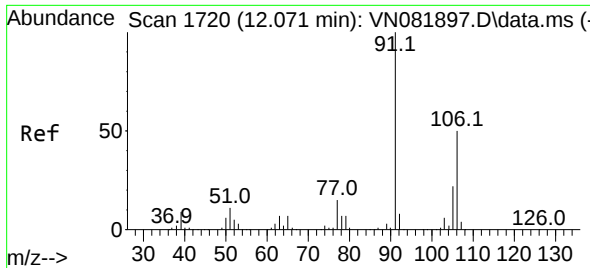


#66
Ethyl Benzene
Concen: 4.806 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36



Tgt Ion: 91 Resp: 43709
Ion Ratio Lower Upper
91 100
106 29.7 24.4 36.6





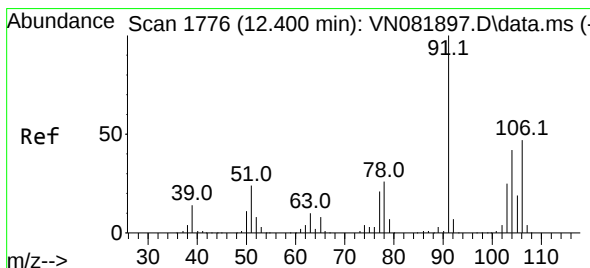
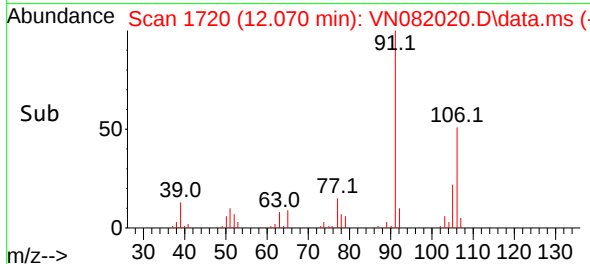
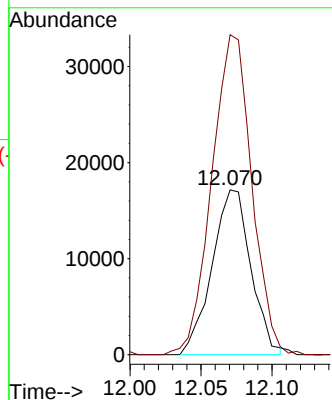
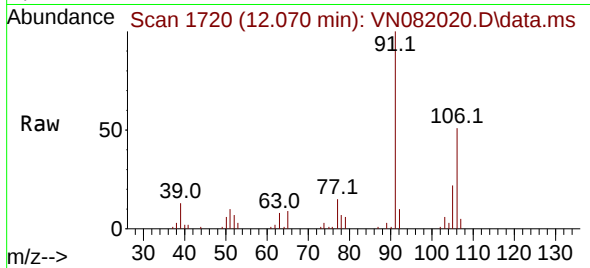
#67
m/p-Xylenes
Concen: 9.672 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:106 Resp: 3261
Ion Ratio Lower Upper
106 100
91 200.1 166.6 249.8

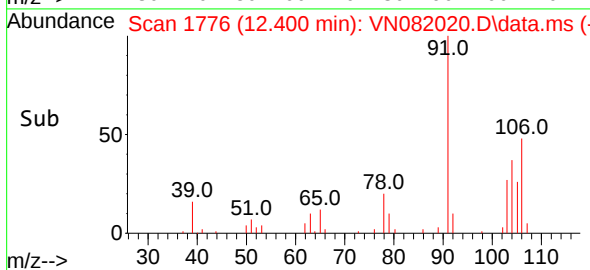
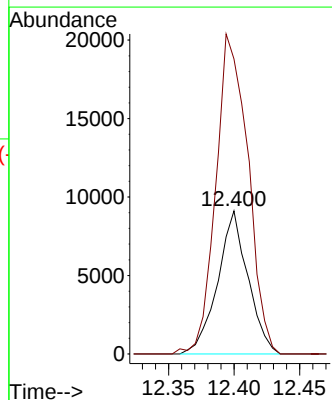
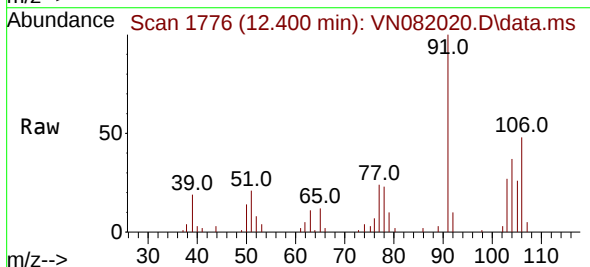
Manual Integrations
APPROVED

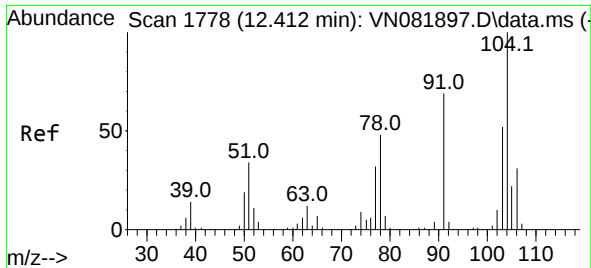
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#68
o-Xylene
Concen: 4.401 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

Tgt Ion:106 Resp: 14681
Ion Ratio Lower Upper
106 100
91 236.4 110.0 330.0





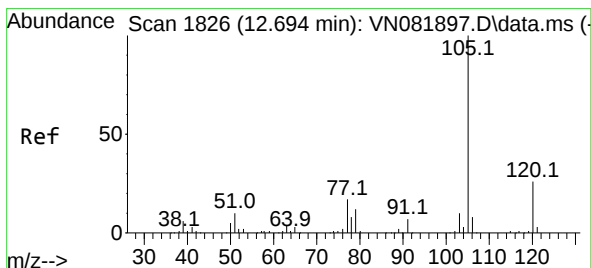
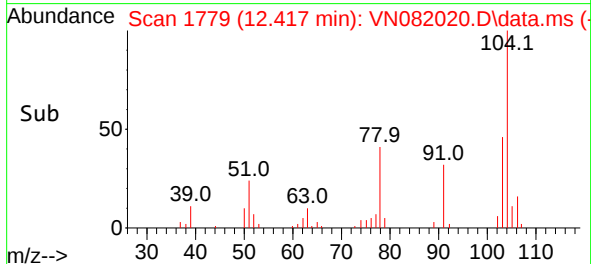
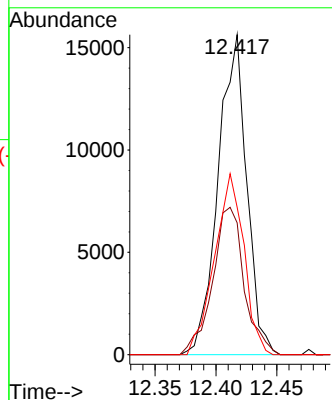
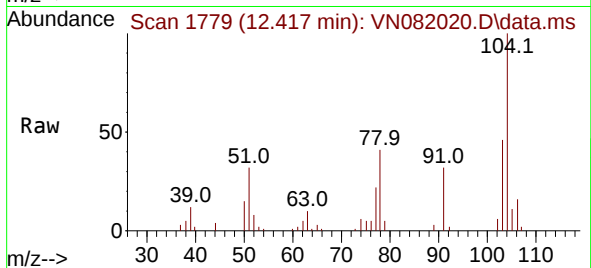
#69
Styrene
Concen: 4.562 ug/l
RT: 12.417 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:104 Resp: 25544
Ion Ratio Lower Upper
104 100
78 50.8 42.6 64.0
103 58.1 43.7 65.5

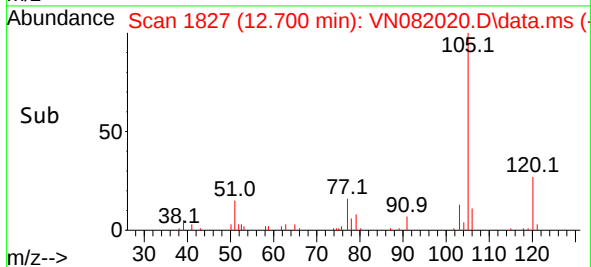
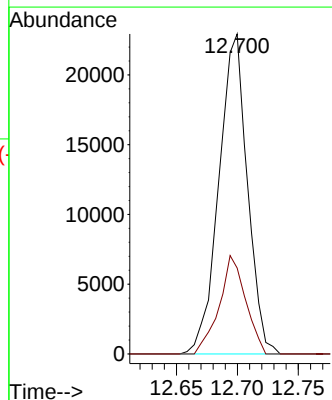
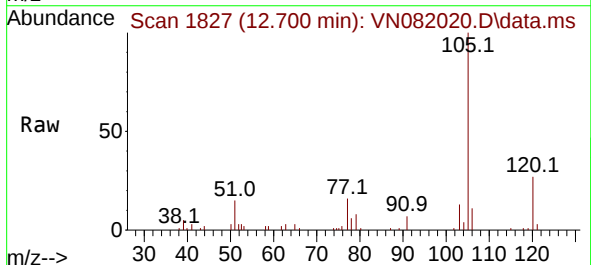
Manual Integrations
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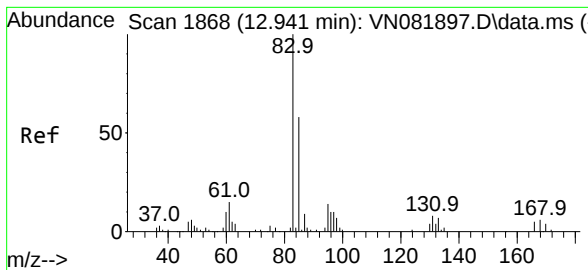
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#70
Isopropylbenzene
Concen: 4.410 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

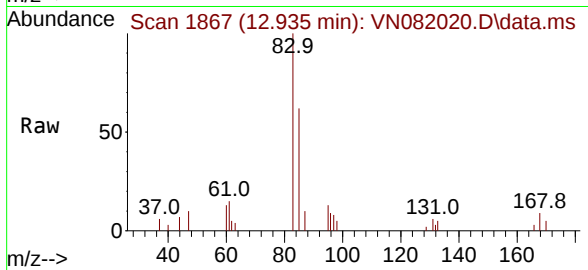
Tgt Ion:105 Resp: 37359
Ion Ratio Lower Upper
105 100
120 28.5 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 4.991 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

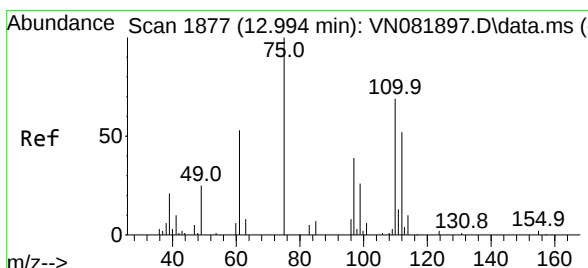
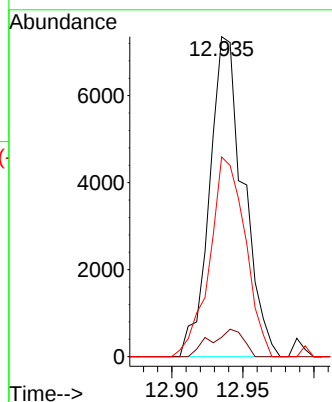
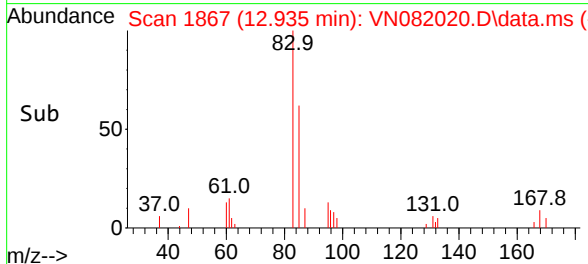
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion: 83 Resp: 12169
Ion Ratio Lower Upper
83 100
131 5.6 5.2 15.6
85 65.5 32.3 96.8

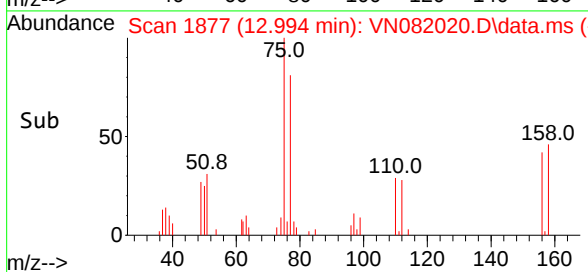
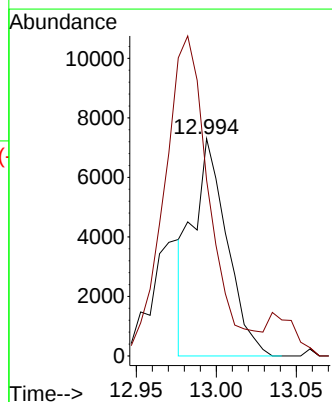
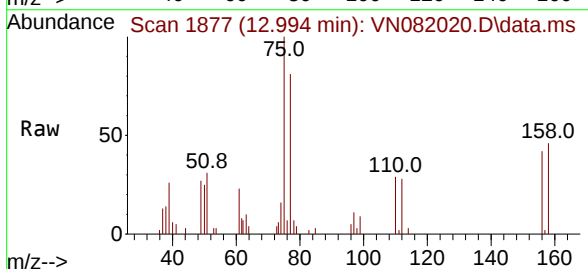
Manual Integrations
APPROVED

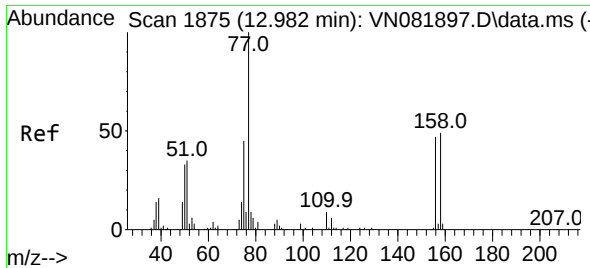
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#72
1,2,3-Trichloropropane
Concen: 4.763 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

Tgt Ion: 75 Resp: 10857
Ion Ratio Lower Upper
75 100
77 196.9 0.0 367.6





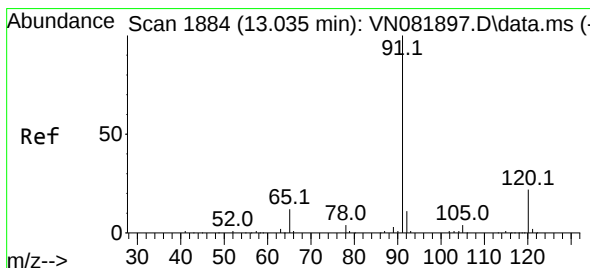
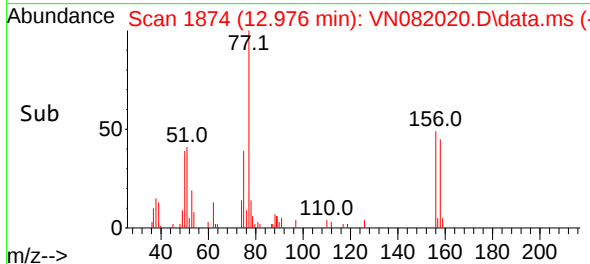
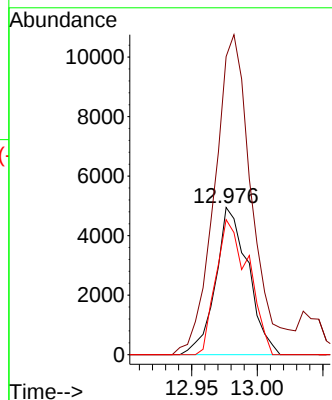
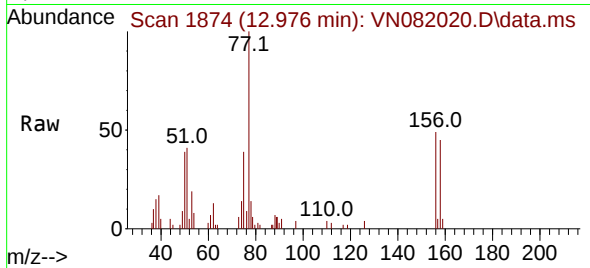
#73
Bromobenzene
Concen: 4.701 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:156 Resp: 8520
Ion Ratio Lower Upper
156 100
77 250.7 0.0 437.6
158 92.0 0.0 203.8

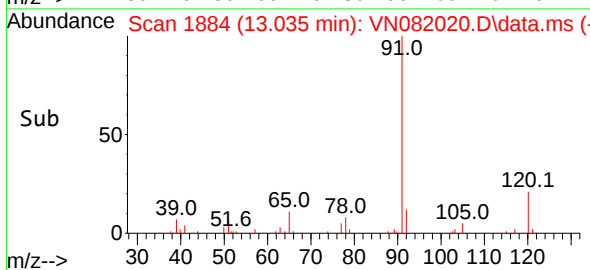
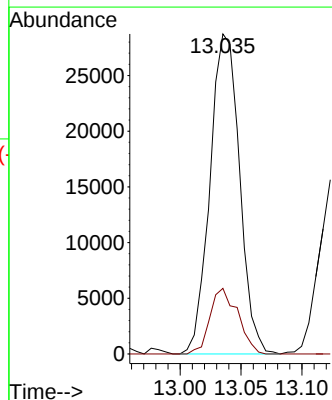
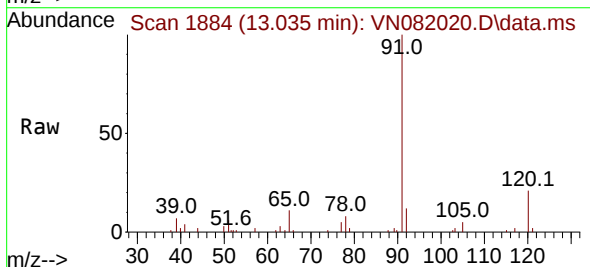
Manual Integrations
APPROVED

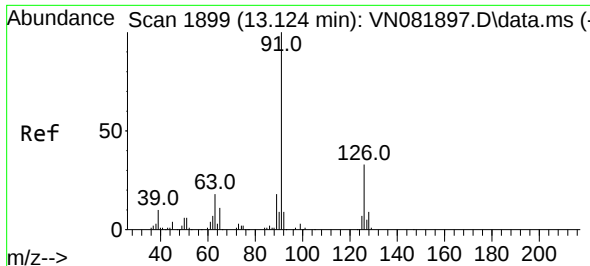
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#74
n-propylbenzene
Concen: 4.866 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

Tgt Ion: 91 Resp: 48635
Ion Ratio Lower Upper
91 100
120 19.3 0.0 43.8





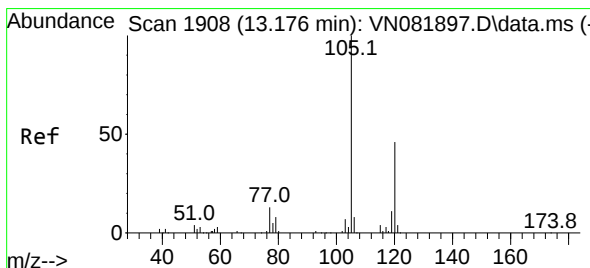
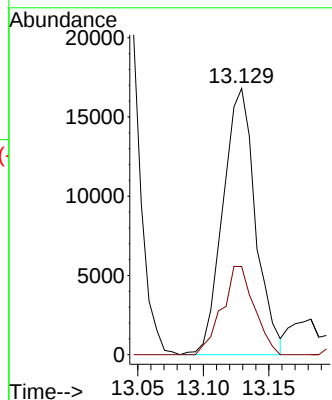
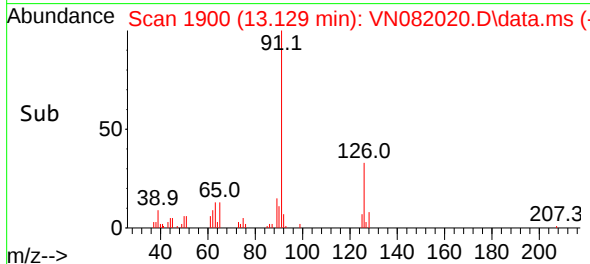
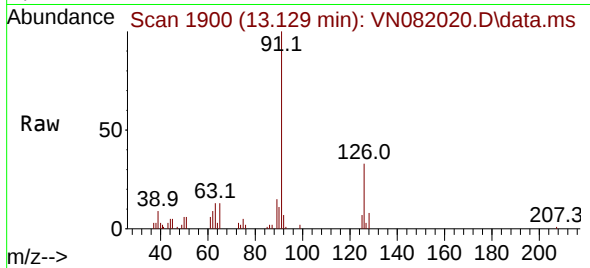
#75
2-Chlorotoluene
Concen: 4.704 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 91 Resp: 2908
Ion Ratio Lower Upper
91 100
126 32.8 0.0 61.2

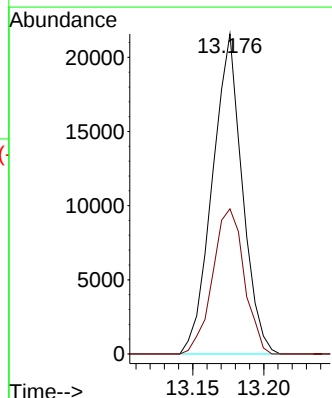
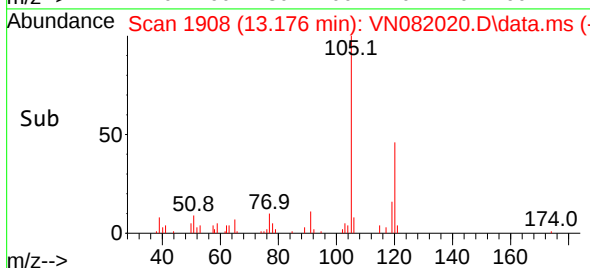
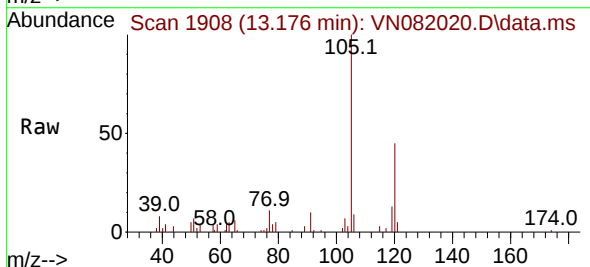
Manual Integrations
APPROVED

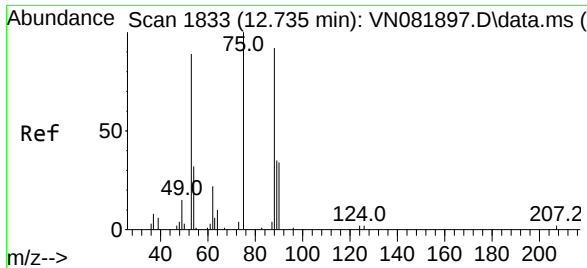
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#76
1,3,5-Trimethylbenzene
Concen: 4.604 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

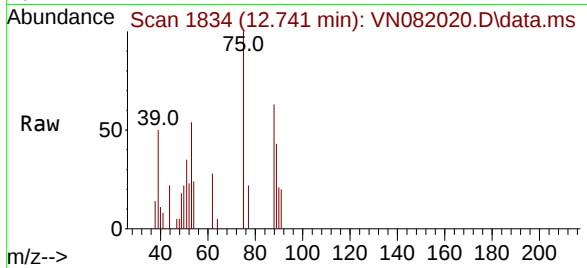
Tgt Ion:105 Resp: 31575
Ion Ratio Lower Upper
105 100
120 47.9 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 4.184 ug/l
RT: 12.741 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

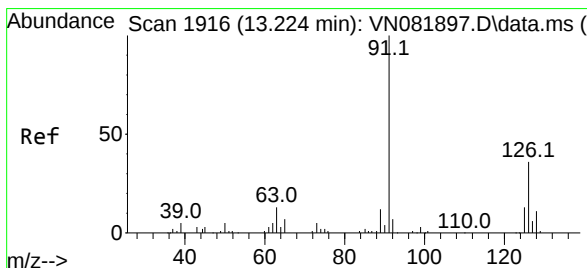
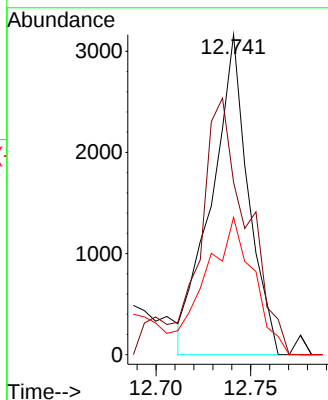
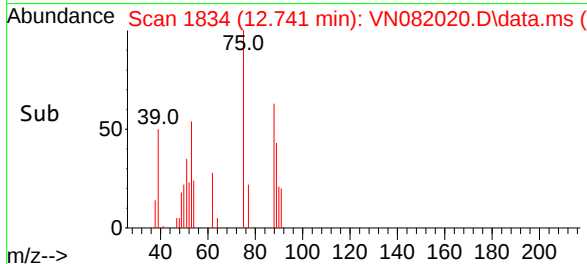
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion: 75 Resp: 4245
Ion Ratio Lower Upper
75 100
53 43.8 45.9 137.7
89 37.2 25.9 77.7

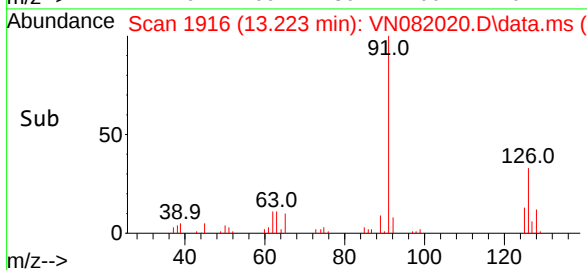
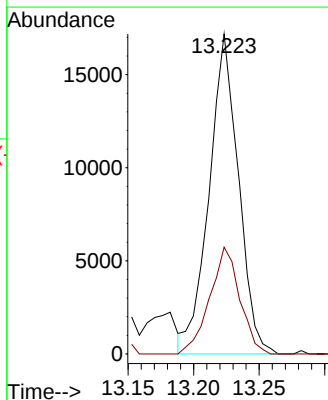
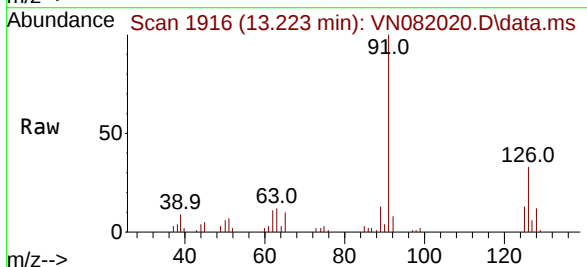
Manual Integrations
APPROVED

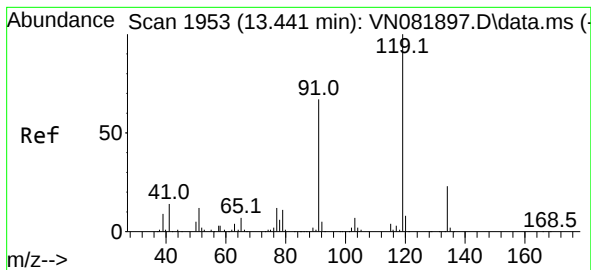
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#78
4-Chlorotoluene
Concen: 4.413 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

Tgt Ion: 91 Resp: 26731
Ion Ratio Lower Upper
91 100
126 34.1 0.0 62.8





#79

tert-butylbenzene

Concen: 4.765 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN082020.D

Acq: 07 May 2024 12:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

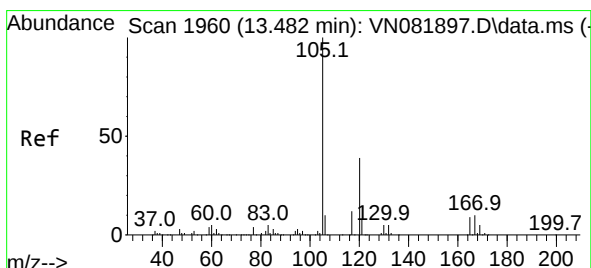
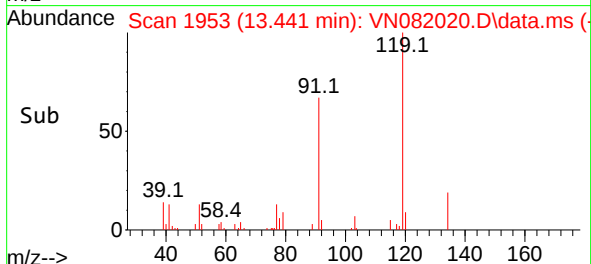
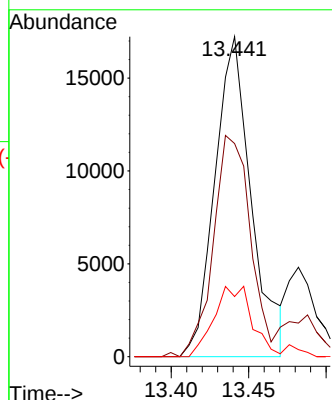
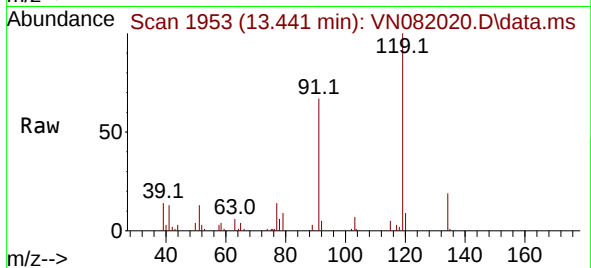
Tgt Ion:	119	Resp:	2813
Ion Ratio	Lower	Upper	
119	100		
91	69.8	0.0	138.8
134	23.0	0.0	48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#80

1,2,4-Trimethylbenzene

Concen: 4.463 ug/l

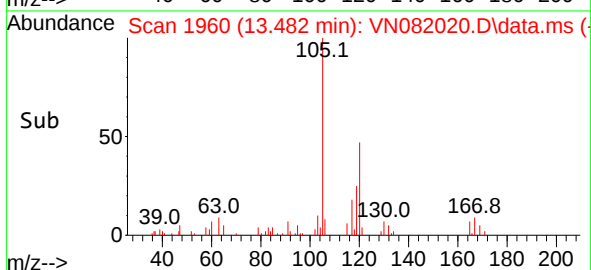
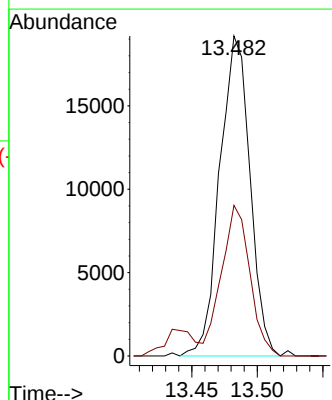
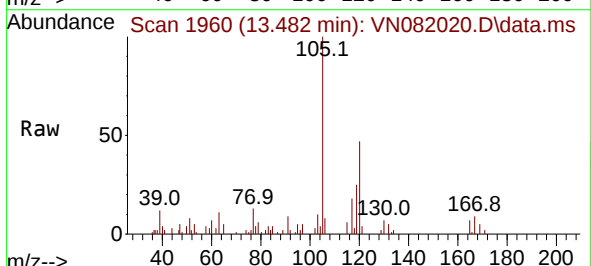
RT: 13.482 min Scan# 1960

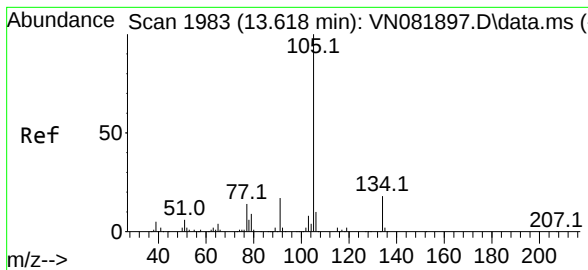
Delta R.T. -0.000 min

Lab File: VN082020.D

Acq: 07 May 2024 12:36

Tgt Ion:	105	Resp:	30741
Ion Ratio	Lower	Upper	
105	100		
120	44.2	0.0	86.8





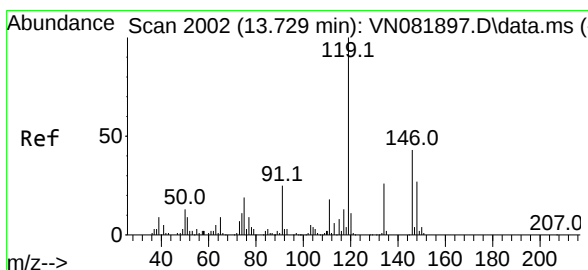
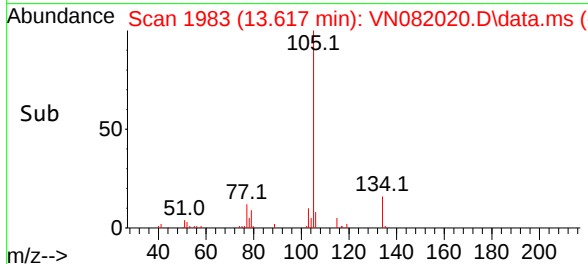
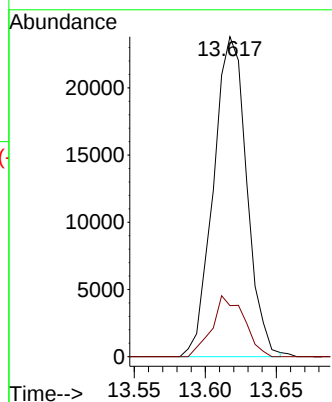
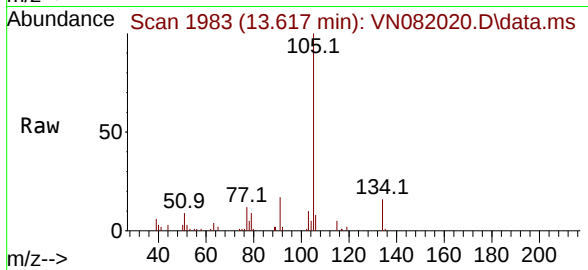
#81
 sec-Butylbenzene
 Concen: 4.692 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082020.D
 Acq: 07 May 2024 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Tgt Ion:105 Resp: 3883
 Ion Ratio Lower Upper
 105 100
 134 18.3 0.0 39.0

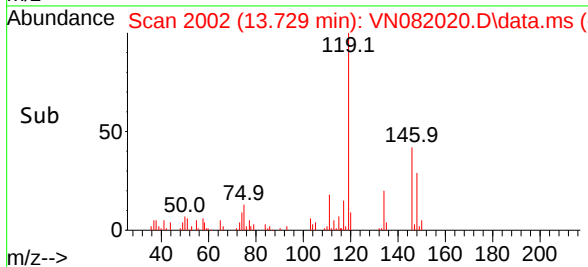
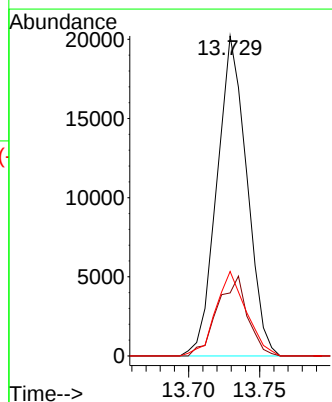
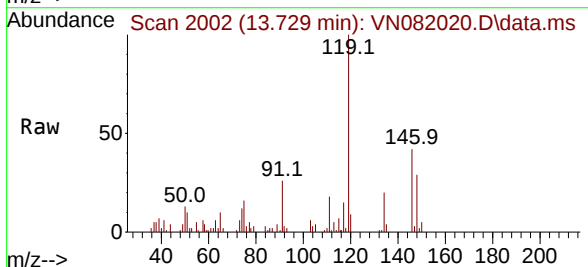
Manual Integrations
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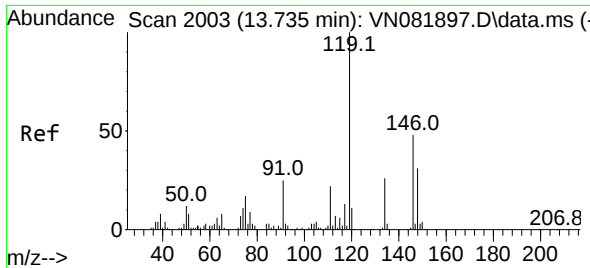
Reviewed By :John Carlone 05/08/2024
 Supervised By :Mahesh Dadoda 05/08/2024



#82
 p-Isopropyltoluene
 Concen: 4.521 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082020.D
 Acq: 07 May 2024 12:36

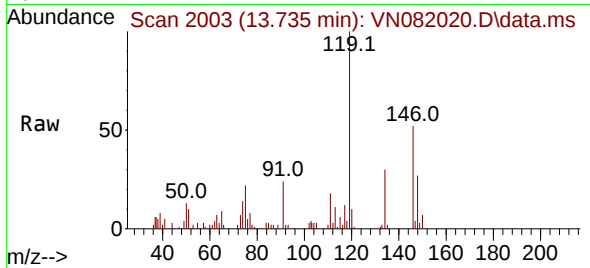
Tgt Ion:119 Resp: 29586
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 49.2
 91 27.1 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 4.703 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

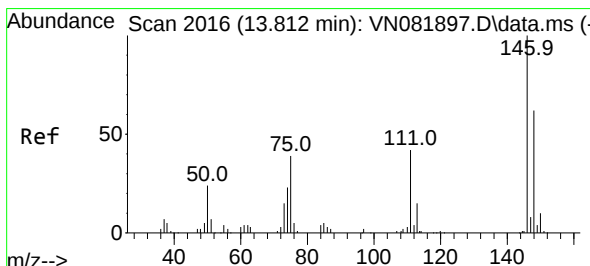
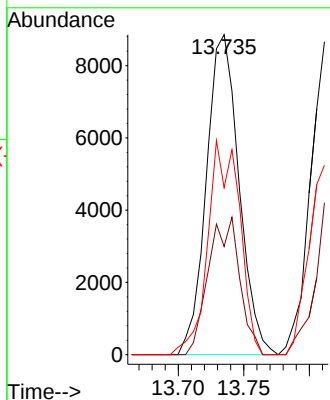
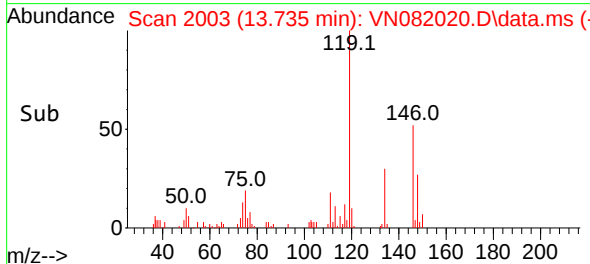
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



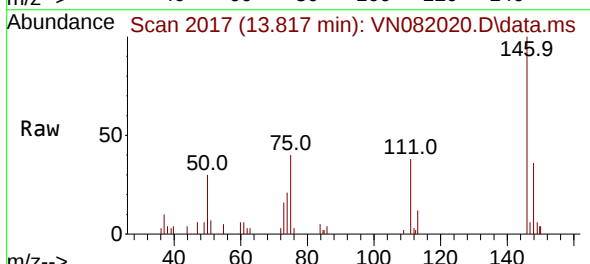
Tgt Ion:146 Resp: 15358
Ion Ratio Lower Upper
146 100
111 41.0 22.4 67.0
148 37.6 32.1 96.5

Manual Integrations
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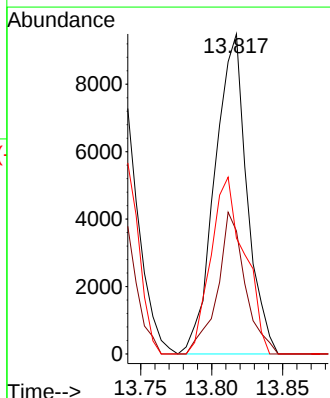
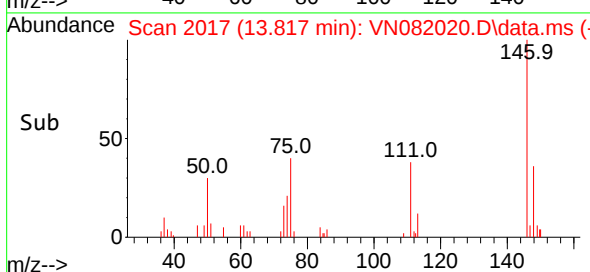
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

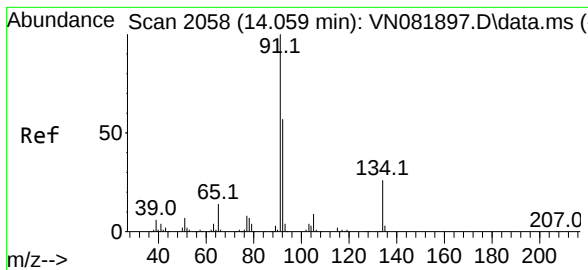


#84
1,4-Dichlorobenzene
Concen: 4.551 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36



Tgt Ion:146 Resp: 14938
Ion Ratio Lower Upper
146 100
111 38.2 21.3 63.9
148 57.8 31.9 95.5





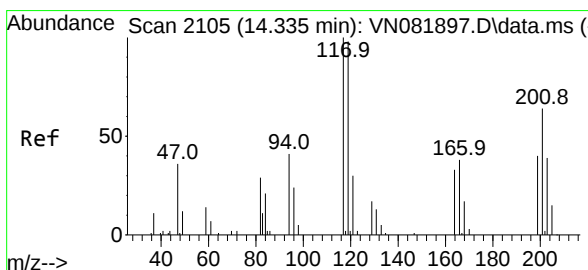
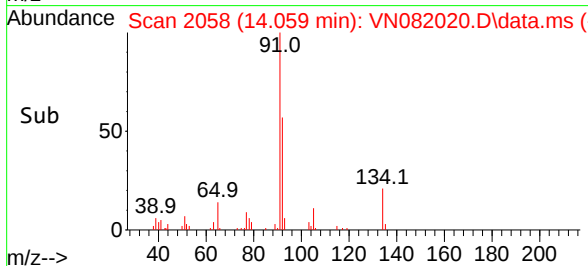
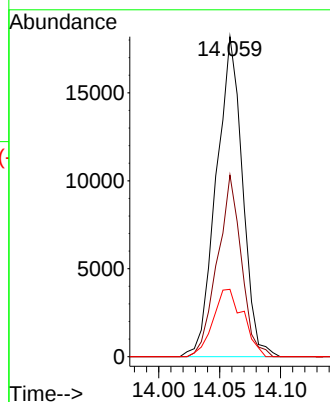
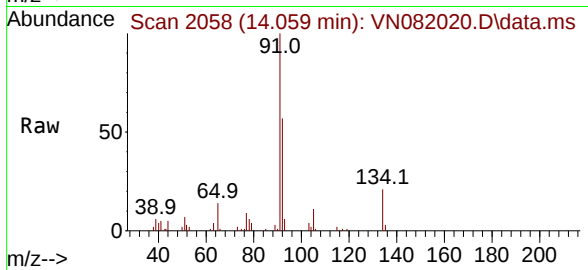
#85
n-Butylbenzene
Concen: 4.554 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion: 91 Resp: 27220
Ion Ratio Lower Upper
91 100
92 52.0 0.0 105.0
134 24.4 0.0 51.8

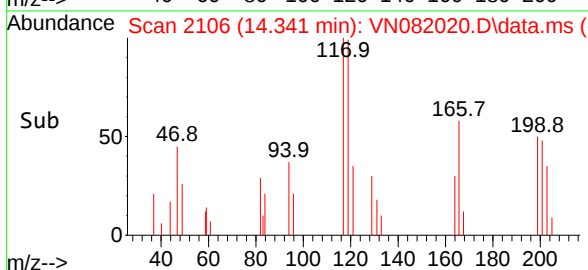
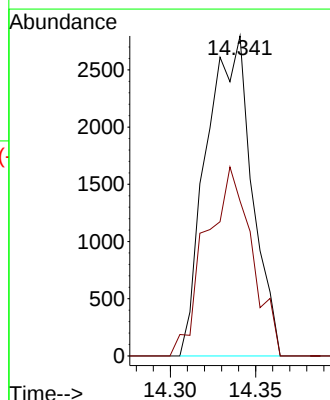
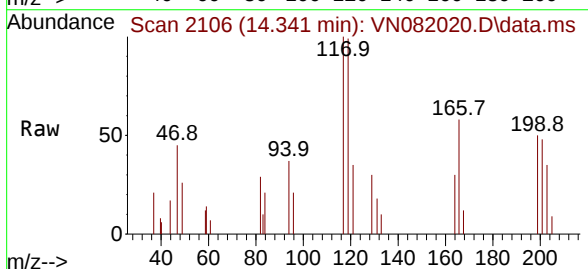
Manual Integrations
APPROVED

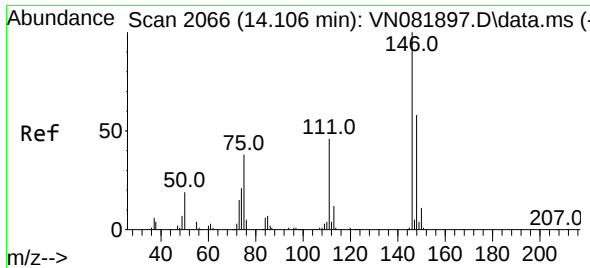
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#86
Hexachloroethane
Concen: 3.979 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

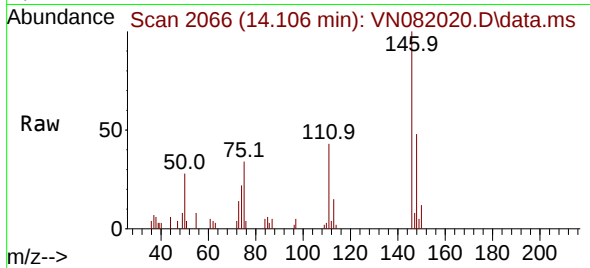
Tgt Ion:117 Resp: 5192
Ion Ratio Lower Upper
117 100
201 42.1 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 4.458 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

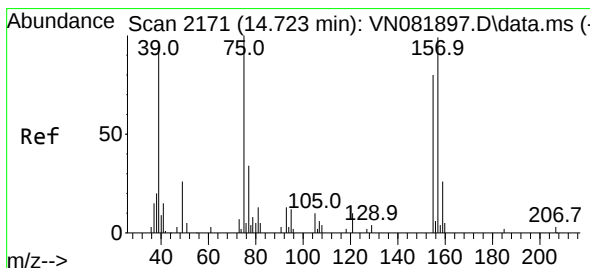
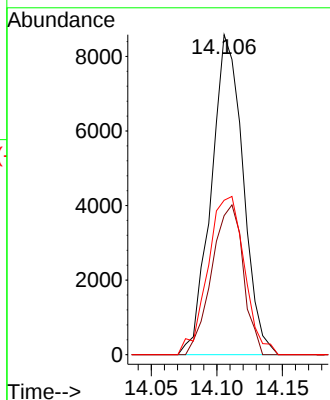
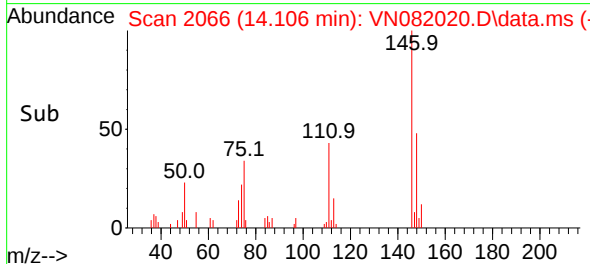
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2024



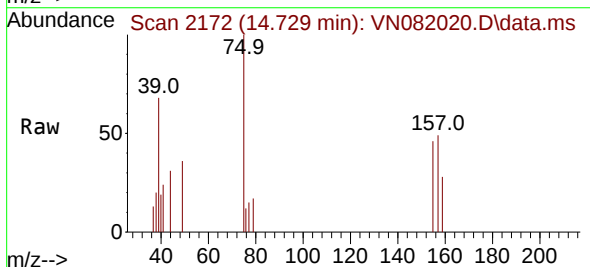
Tgt Ion:146 Resp: 14498
Ion Ratio Lower Upper
146 100
111 46.3 22.6 67.8
148 56.7 31.3 93.8

Manual Integrations
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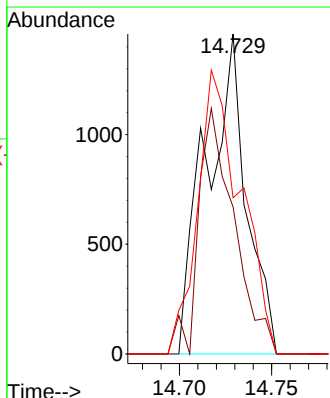
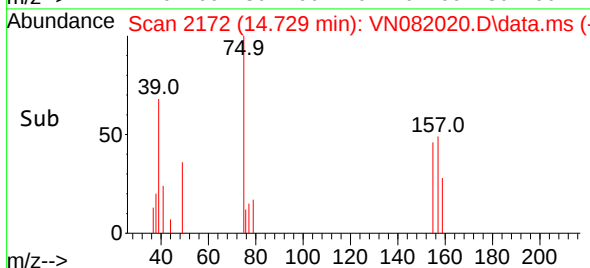
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

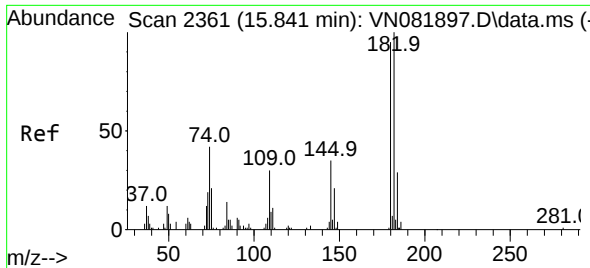


#88
1,2-Dibromo-3-Chloropropane
Concen: 4.045 ug/l m
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36



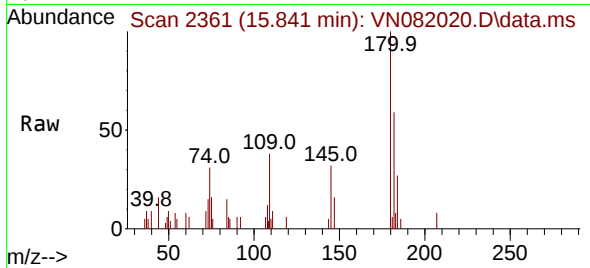
Tgt Ion: 75 Resp: 2213
Ion Ratio Lower Upper
75 100
155 0.0 61.7 92.5#
157 0.0 83.6 125.4#





#89
1,2,4-Trichlorobenzene
Concen: 3.885 ug/l m
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

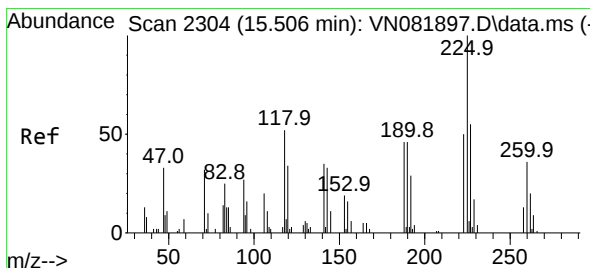
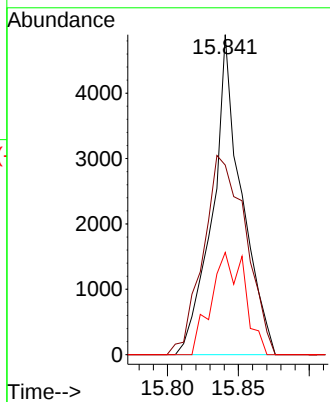
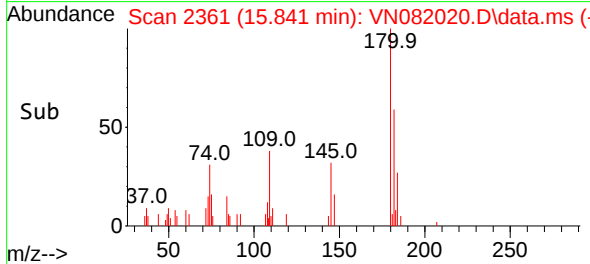
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion:180 Resp: 6958
Ion Ratio Lower Upper
180 100
182 105.9 76.4 114.6
145 28.8 28.4 42.6

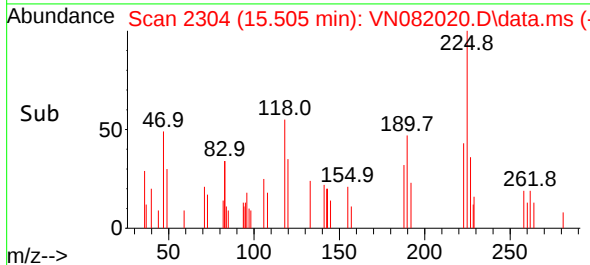
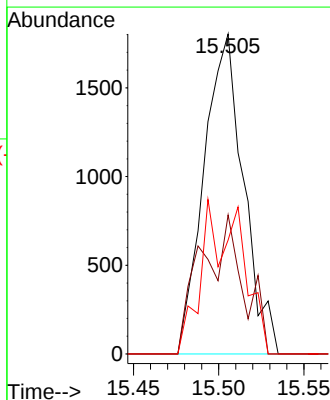
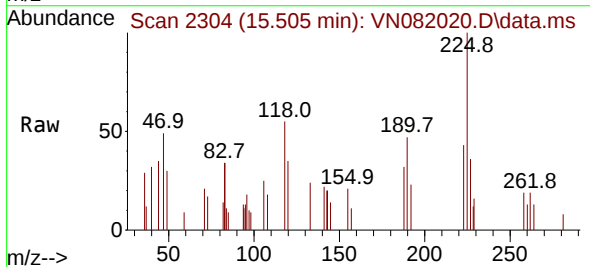
Manual Integrations
APPROVED

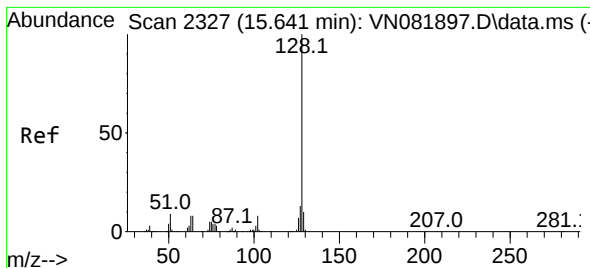
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#90
Hexachlorobutadiene
Concen: 4.393 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN082020.D
Acq: 07 May 2024 12:36

Tgt Ion:225 Resp: 2914
Ion Ratio Lower Upper
225 100
223 17.6 0.0 126.6
227 26.0 0.0 126.6





#91

Naphthalene

Concen: 3.450 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN082020.D

Acq: 07 May 2024 12:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2024

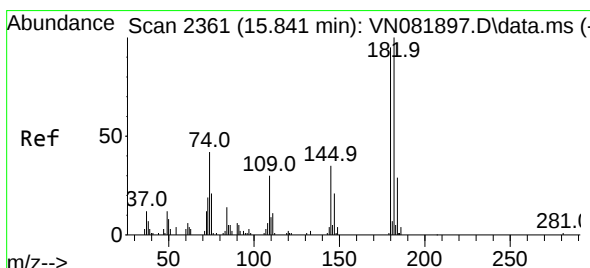
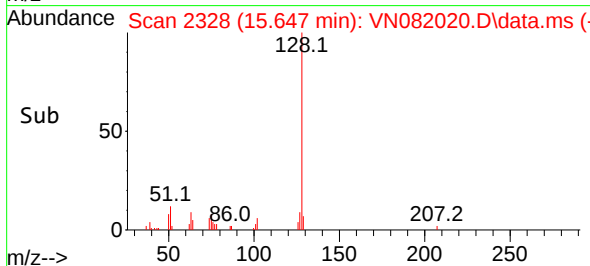
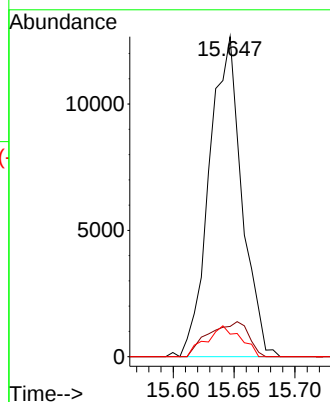
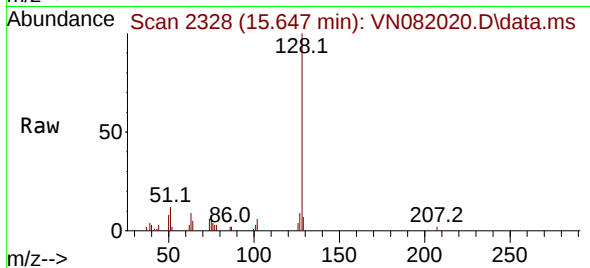
Tgt Ion:128	Resp:	2348
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.6 16.0
129	10.1	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#92

1,2,3-Trichlorobenzene

Concen: 3.885 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082020.D

Acq: 07 May 2024 12:36

Tgt Ion:180	Resp:	6958
Ion Ratio	Lower	Upper
180	100	
182	91.5	0.0 191.0
145	25.5	0.0 71.0

