

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050724\
 Data File : VN082019.D
 Acq On : 07 May 2024 11:59
 Operator : JC\MD
 Sample : P2403-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Quant Time: May 08 07:58:37 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	31505	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	185983	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	162557	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80427	30.491	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.633%			
60) 4-Bromofluorobenzene	12.853	95	75117	27.767	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.567%			
63) Toluene-d8	10.565	98	234363	30.358	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	5262	2.942	ug/l	88
3) Chloromethane	2.359	50	6958	3.355	ug/l	99
4) Vinyl Chloride	2.512	62	7109	3.628	ug/l #	75
5) Bromomethane	2.971	94	3921m	3.835	ug/l	
6) Chloroethane	3.124	64	4985	4.493	ug/l	97
7) Trichlorofluoromethane	3.501	101	8055	2.810	ug/l	93
8) Diethyl Ether	3.971	74	3955m	2.850	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.377	101	5672	2.886	ug/l	55
10) 1,1-Dichloroethene	4.342	96	5619m	2.922	ug/l	
11) Methyl Iodide	4.595	142	3632	2.067	ug/l	82
12) Methyl Acetate	5.018	43	7830m	3.252	ug/l	
13) Acrolein	4.183	56	4987m	9.746	ug/l	
14) Acrylonitrile	5.724	53	15212m	13.844	ug/l	
15) Acetone	4.430	58	4127m	16.761	ug/l	
16) Carbon Disulfide	4.718	76	17080m	3.206	ug/l	
17) Allyl chloride	5.024	41	10341m	3.063	ug/l	
18) Methylene Chloride	5.271	84	6383m	2.918	ug/l	
19) trans-1,2-Dichloroethene	5.783	96	5680m	2.838	ug/l	
20) Diisopropyl ether	6.677	45	20017m	2.680	ug/l	
21) 1,1-Dichloroethane	6.571	63	10456m	2.644	ug/l	
22) cis-1,2-Dichloroethene	7.483	96	7184m	2.945	ug/l	
23) tert-Butyl Alcohol	5.530	59	5484m	12.116	ug/l	
24) Methyl tert-Butyl Ether	5.789	73	18102m	2.611	ug/l	
25) Chloroform	7.971	83	11207	2.945	ug/l #	77
26) Cyclohexane	8.259	56	10836	3.168	ug/l #	80
29) 1,1-Dichloropropene	8.371	75	7689	2.777	ug/l	80
30) 2-Butanone	7.488	43	18684	13.091	ug/l #	67
31) 2,2-Dichloropropane	7.483	77	9652m	3.402	ug/l	
32) 1,1,1-Trichloroethane	8.171	97	8321	2.613	ug/l	93
33) Carbon Tetrachloride	8.371	117	7090m	2.743	ug/l	
34) Benzene	8.600	78	24398	2.762	ug/l #	64
35) Methacrylonitrile	7.777	41	4349	2.409	ug/l #	81
36) 1,2-Dichloroethane	8.677	62	8050m	2.715	ug/l	
37) Trichloroethene	9.359	130	5493m	2.539	ug/l	
38) Methylcyclohexane	9.600	83	9909	2.962	ug/l	95
39) 1,2-Dichloropropane	9.624	63	5385	2.376	ug/l	95
40) Dibromomethane	9.712	93	4238	2.911	ug/l	73
41) Bromodichloromethane	9.888	83	7835	2.518	ug/l	94
42) Vinyl Acetate	6.606	43	77843	12.814	ug/l #	92

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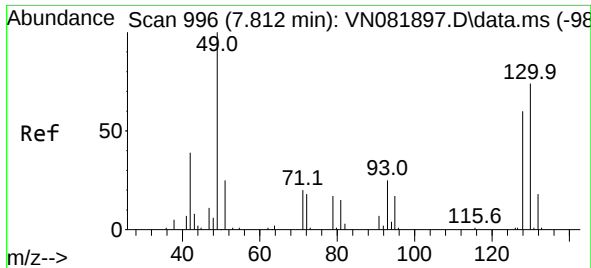
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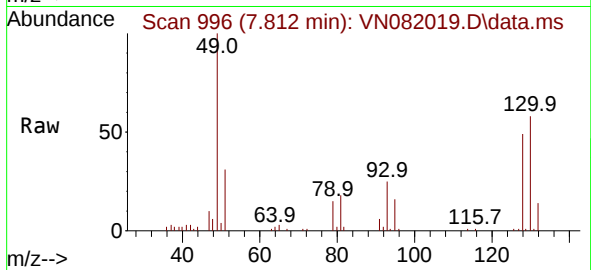
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	8629m	2.773	ug/l	
44) Isopropyl Acetate	8.688	43	14889	2.695	ug/l #	70
45) 1,4-Dioxane	9.682	88	1851m	41.778	ug/l	
46) Methyl methacrylate	9.694	41	7256m	2.875	ug/l	
47) n-amyl Acetate	12.494	43	12151	2.439	ug/l #	89
48) t-1,3-Dichloropropene	10.835	75	8759	2.595	ug/l	94
49) cis-1,3-Dichloropropene	10.312	75	8123	2.276	ug/l #	68
50) 1,1,2-Trichloroethane	11.006	97	5260m	2.663	ug/l	
51) Ethyl methacrylate	10.871	69	8989	2.411	ug/l	93
52) 1,3-Dichloropropane	11.159	76	9137	2.518	ug/l	93
53) Dibromochloromethane	11.359	129	5119	2.382	ug/l	93
54) 1,2-Dibromoethane	11.471	107	4787	2.430	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	24819	13.312	ug/l	95
56) Bromoform	12.582	173	2989	2.285	ug/l #	84
58) 4-Methyl-2-Pentanone	10.441	43	38254	12.120	ug/l #	86
59) 2-Hexanone	11.200	43	29274	12.509	ug/l	92
61) Tetrachloroethene	11.106	164	4399	2.439	ug/l	85
62) Toluene	10.629	91	25580	2.797	ug/l	97
64) Chlorobenzene	11.888	112	13970	2.497	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	4882	2.666	ug/l	89
66) Ethyl Benzene	11.965	91	26244	2.618	ug/l	96
67) m/p-Xylenes	12.071	106	18555	4.992	ug/l	97
68) o-Xylene	12.406	106	9787	2.661	ug/l	88
69) Styrene	12.412	104	14832	2.402	ug/l	92
70) Isopropylbenzene	12.700	105	22683	2.429	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.929	83	7181	2.672	ug/l	96
72) 1,2,3-Trichloropropane	12.988	75	9520m	3.788	ug/l	
73) Bromobenzene	12.982	156	4574	2.288	ug/l	79
74) n-propylbenzene	13.035	91	26445	2.400	ug/l	98
75) 2-Chlorotoluene	13.123	91	17791	2.610	ug/l	97
76) 1,3,5-Trimethylbenzene	13.170	105	16922	2.238	ug/l	96
77) t-1,4-Dichloro-2-butene	12.735	75	2578	2.305	ug/l #	61
78) 4-Chlorotoluene	13.223	91	16858	2.524	ug/l	100
79) tert-butylbenzene	13.441	119	16273	2.500	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	16877	2.222	ug/l	99
81) sec-Butylbenzene	13.618	105	22420	2.457	ug/l	97
82) p-Isopropyltoluene	13.735	119	16680	2.312	ug/l	91
83) 1,3-Dichlorobenzene	13.735	146	8556	2.377	ug/l	95
84) 1,4-Dichlorobenzene	13.817	146	8786	2.428	ug/l	96
85) n-Butylbenzene	14.059	91	15861	2.407	ug/l	95
86) Hexachloroethane	14.329	117	3379	2.349	ug/l	69
87) 1,2-Dichlorobenzene	14.112	146	8097	2.258	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	1438	2.384	ug/l #	63
89) 1,2,4-Trichlorobenzene	15.841	180	4223	2.139	ug/l	95
90) Hexachlorobutadiene	15.500	225	1641m	2.244	ug/l	
91) Naphthalene	15.641	128	13950	1.859	ug/l #	92
92) 1,2,3-Trichlorobenzene	15.841	180	4223	2.139	ug/l	95

(#) = 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: VN082019.D
Acq: 07 May 2024 11:59

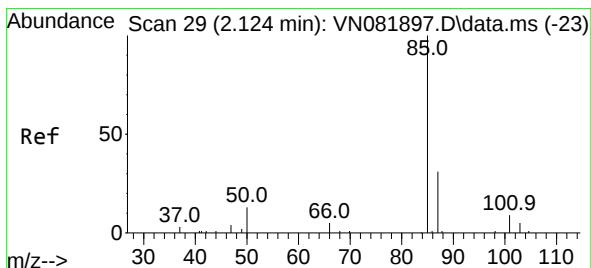
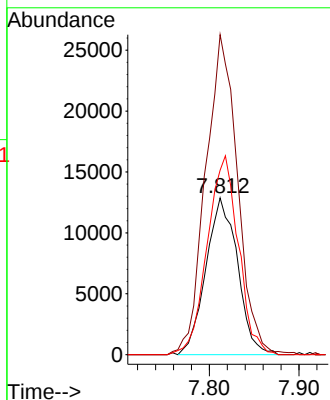
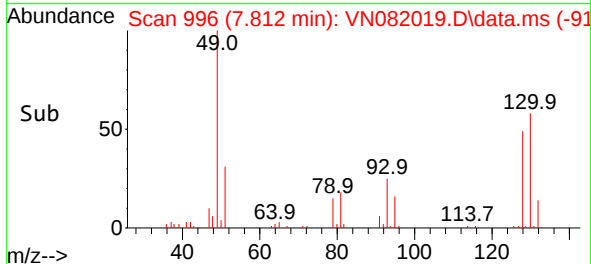
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:128 Resp: 3150
Ion Ratio Lower Upper
128 100
49 205.2 0.0 403.7
130 124.9 0.0 323.3

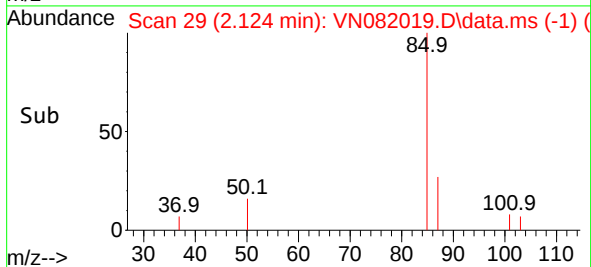
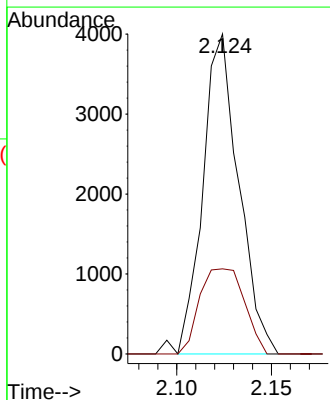
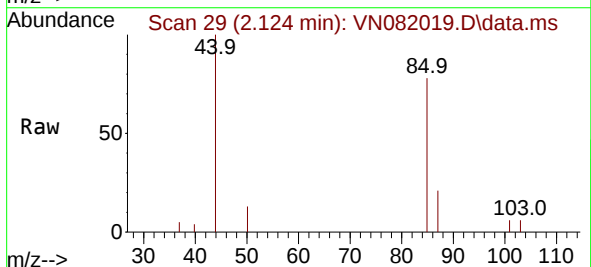
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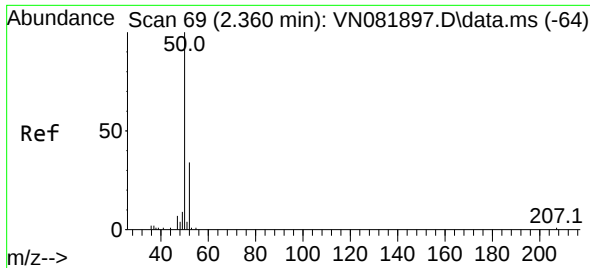
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#2
Dichlorodifluoromethane
Concen: 2.942 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Tgt Ion: 85 Resp: 5262
Ion Ratio Lower Upper
85 100
87 26.6 16.8 50.3





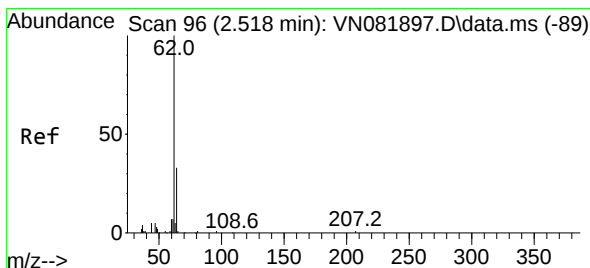
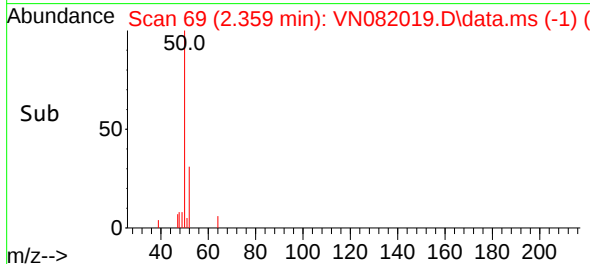
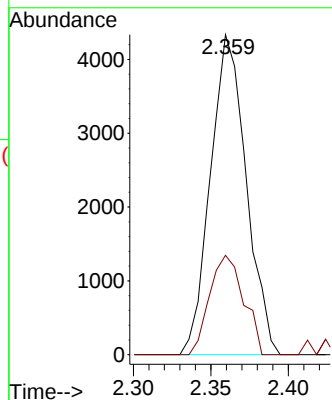
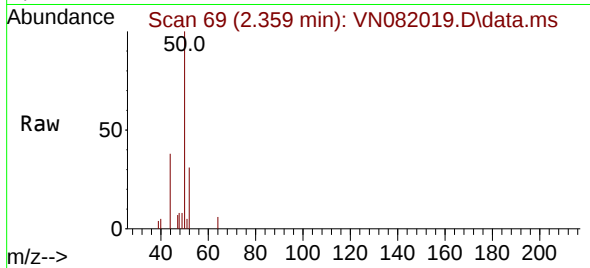
#3
Chloromethane
Concen: 3.355 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 50 Resp: 6958
Ion Ratio Lower Upper
50 100
52 31.1 25.4 38.0

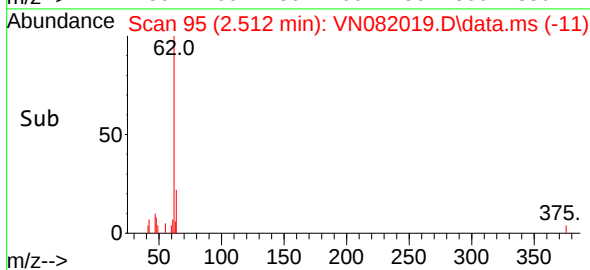
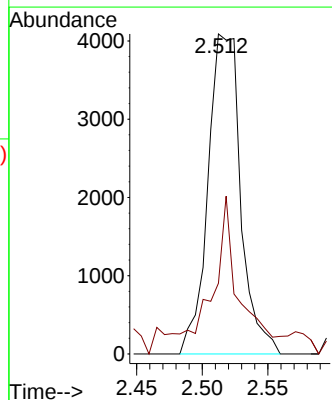
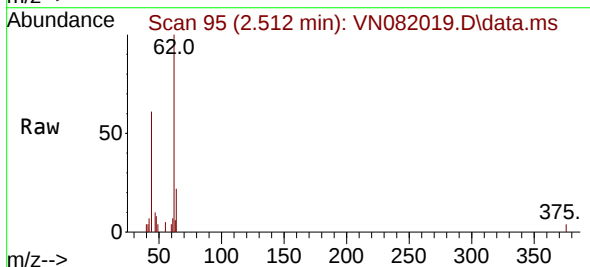
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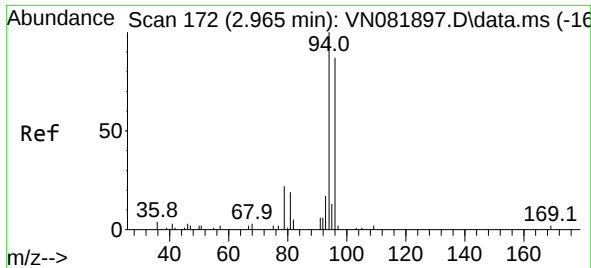
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#4
Vinyl Chloride
Concen: 3.628 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

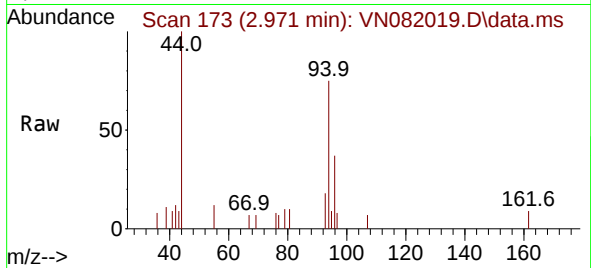
Tgt Ion: 62 Resp: 7109
Ion Ratio Lower Upper
62 100
64 16.6 24.1 36.1





#5
Bromomethane
Concen: 3.835 ug/l m
RT: 2.971 min Scan# 173
Delta R.T. 0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

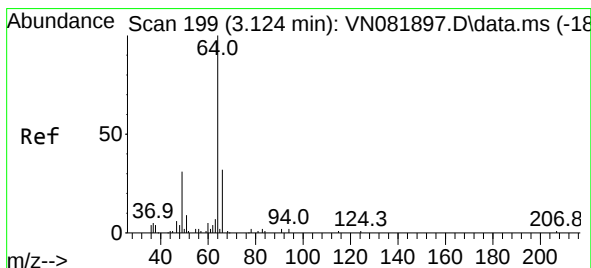
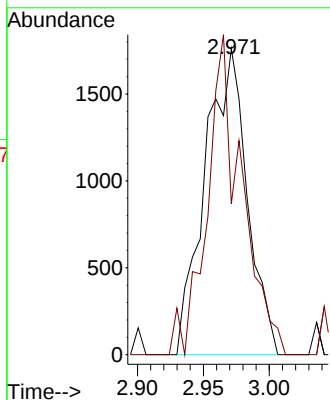
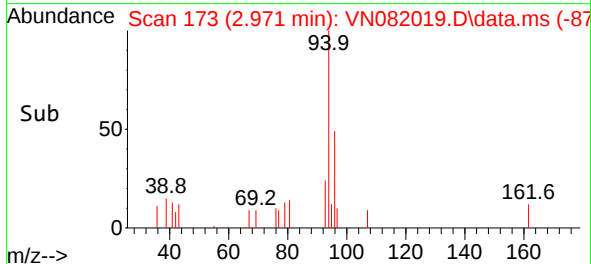
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 94 Resp: 392
Ion Ratio Lower Upper
94 100
96 49.3 72.8 109.2

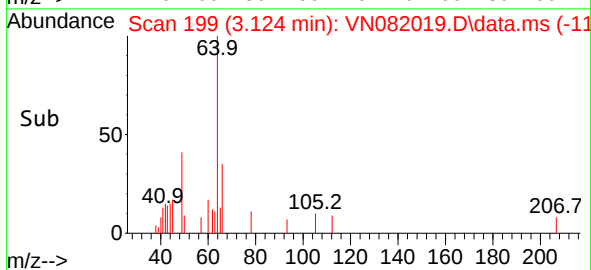
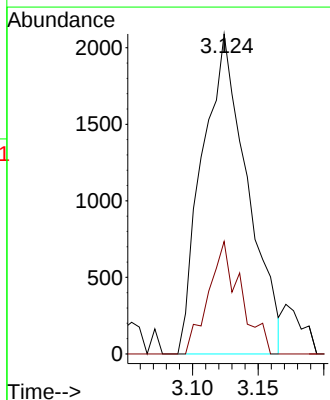
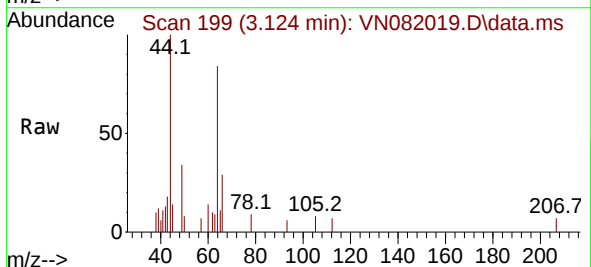
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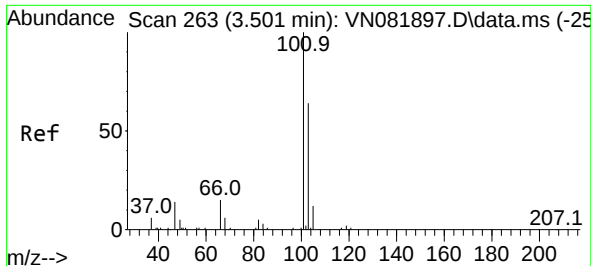
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#6
Chloroethane
Concen: 4.493 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Tgt Ion: 64 Resp: 4985
Ion Ratio Lower Upper
64 100
66 35.1 26.7 40.1





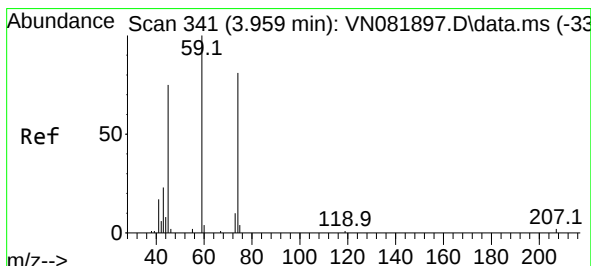
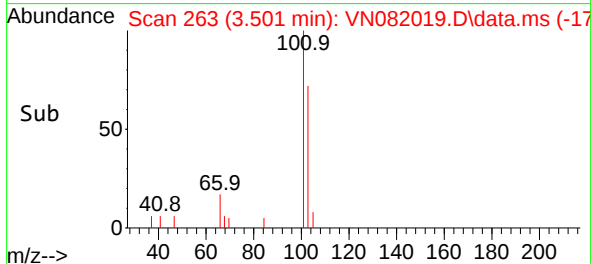
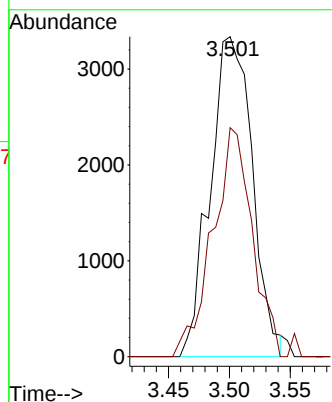
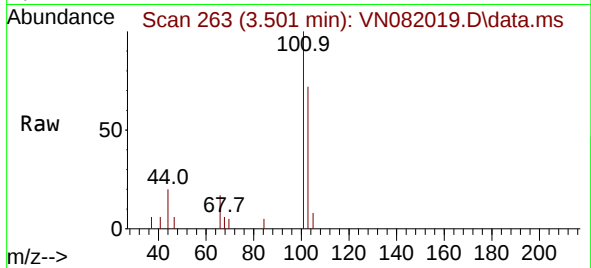
#7
Trichlorofluoromethane
Concen: 2.810 ug/l
RT: 3.501 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN082019.D
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Tgt Ion:101 Resp: 805
Ion Ratio Lower Upper
101 100
103 71.6 53.0 79.4

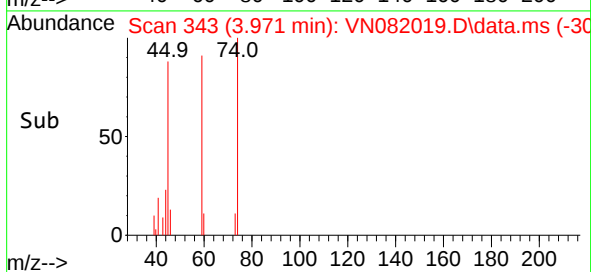
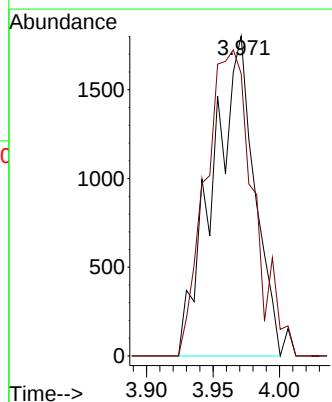
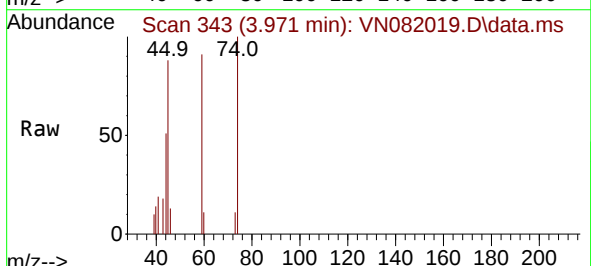
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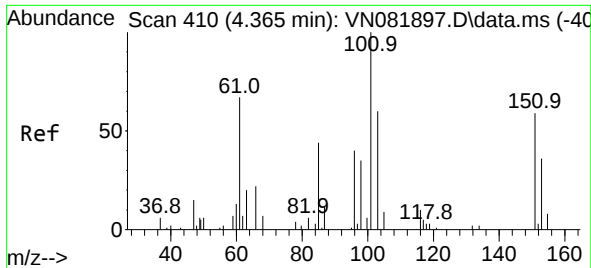
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#8
Diethyl Ether
Concen: 2.850 ug/l m
RT: 3.971 min Scan# 343
Delta R.T. 0.012 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Tgt Ion: 74 Resp: 3955
Ion Ratio Lower Upper
74 100
45 0.0 16.4 147.4#





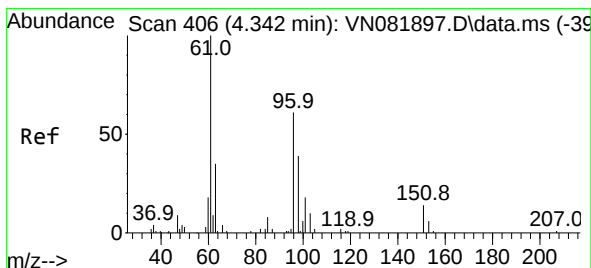
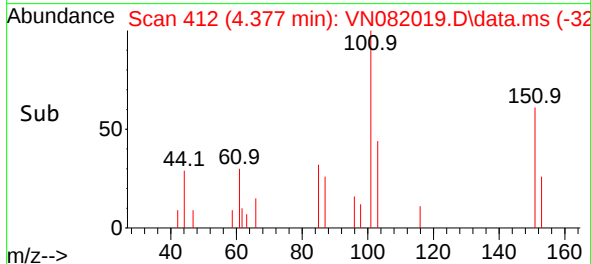
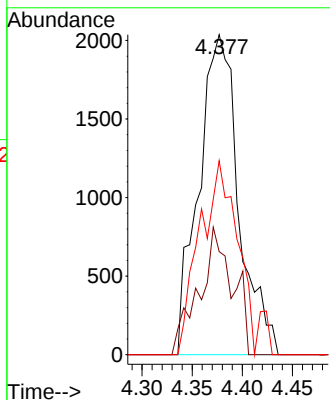
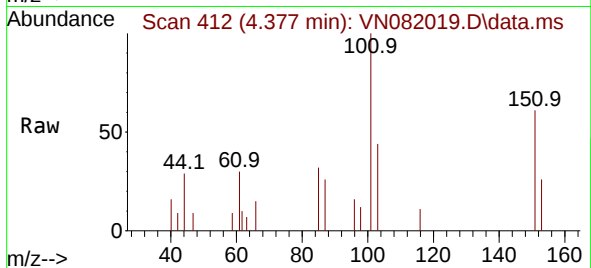
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.886 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:101 Resp: 5672
Ion Ratio Lower Upper
101 100
85 18.1 0.0 90.6
151 37.5 0.0 157.6

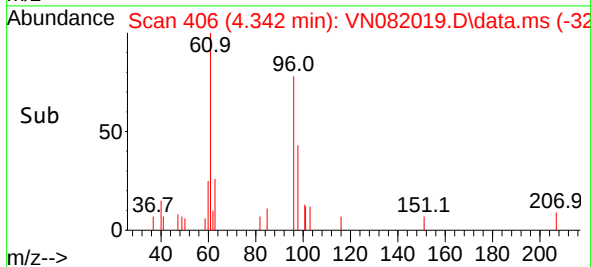
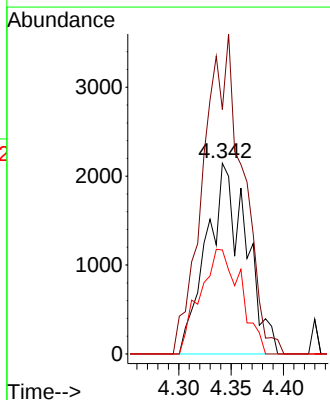
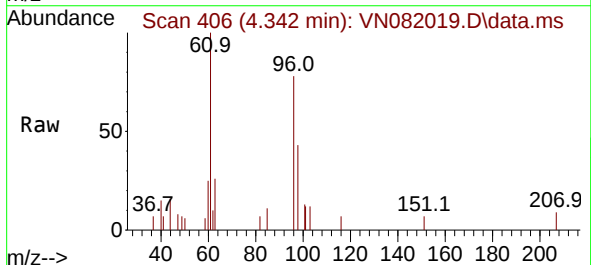
Manual Integrations
APPROVED

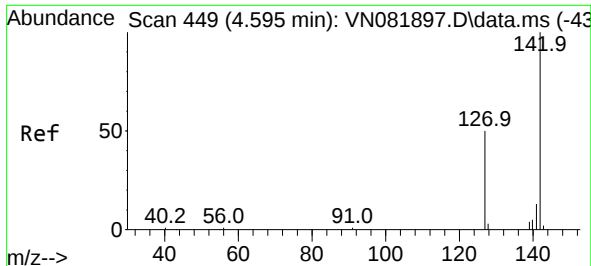
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#10
1,1-Dichloroethene
Concen: 2.922 ug/l m
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

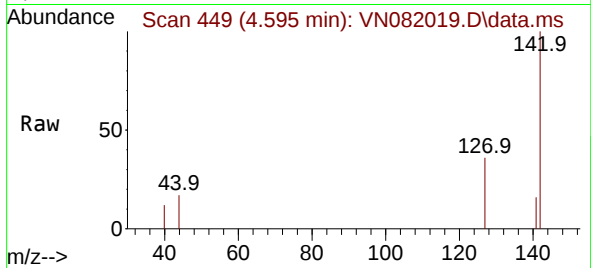
Tgt Ion: 96 Resp: 5619
Ion Ratio Lower Upper
96 100
61 128.2 117.6 176.4
98 54.5 48.4 72.6





#11
Methyl Iodide
Concen: 2.067 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

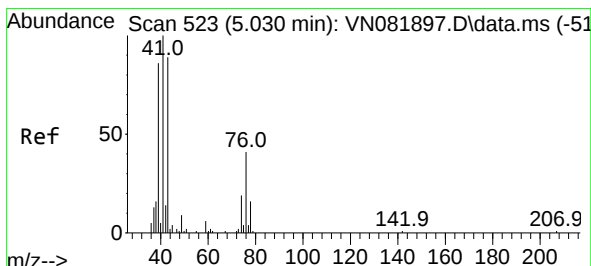
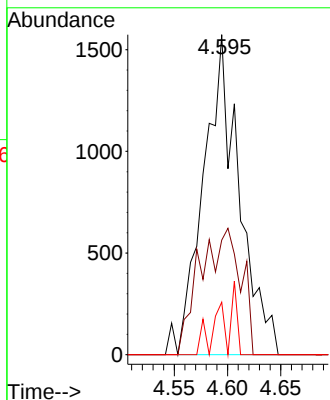
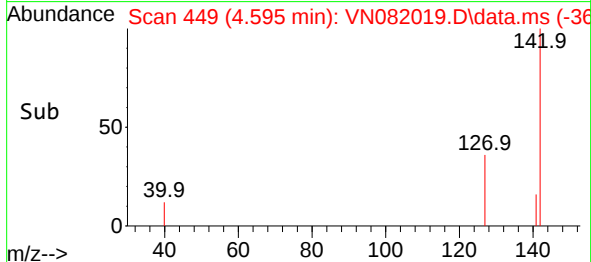
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



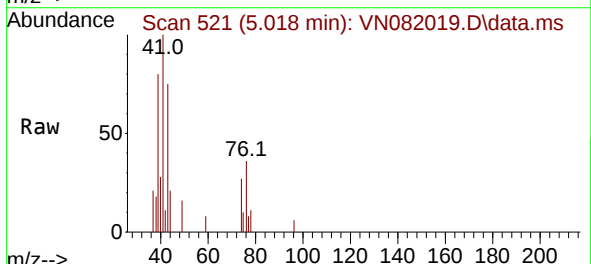
Tgt Ion:142 Resp: 3632
Ion Ratio Lower Upper
142 100
127 35.8 26.3 78.9
141 16.4 8.3 24.9

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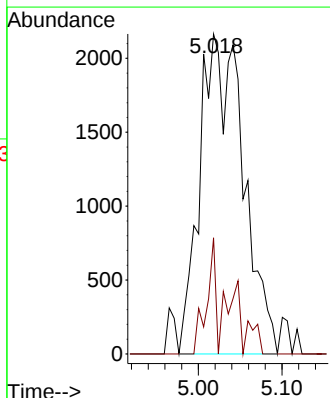
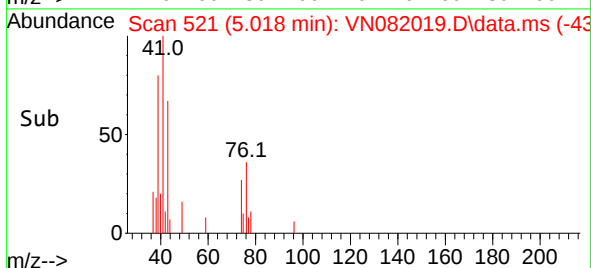
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

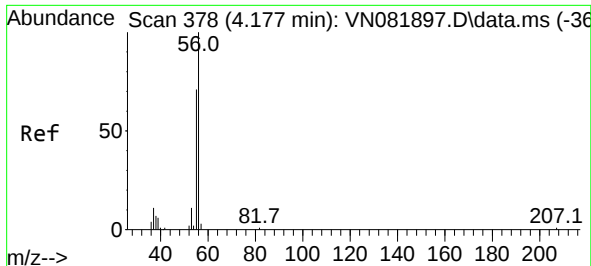


#12
Methyl Acetate
Concen: 3.252 ug/l m
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59



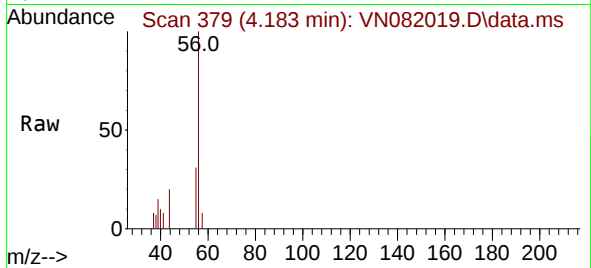
Tgt Ion: 43 Resp: 7830
Ion Ratio Lower Upper
43 100
74 36.3 27.7 41.5





#13
Acrolein
Concen: 9.746 ug/l m
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

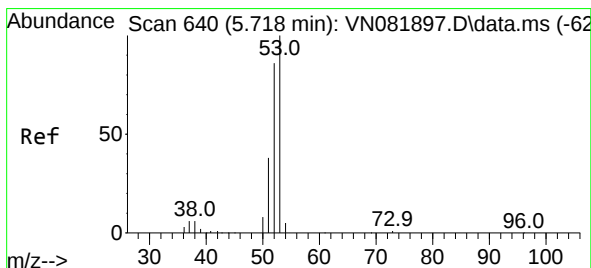
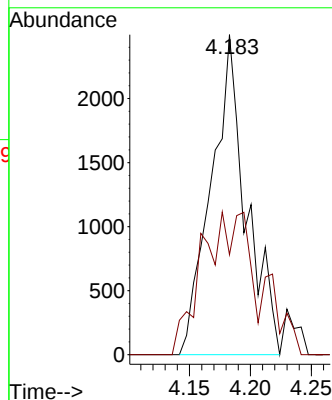
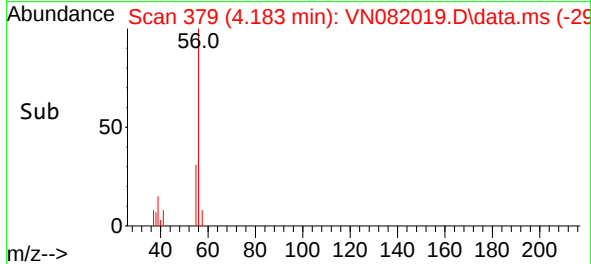
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 56 Resp: 498
Ion Ratio Lower Upper
56 100
55 3.7 55.5 83.3

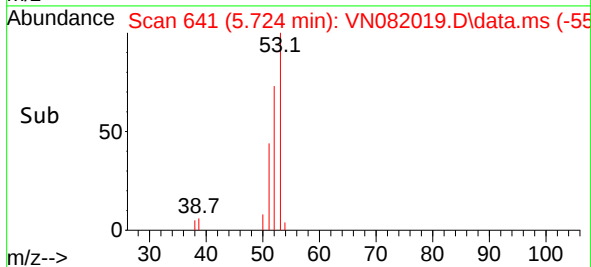
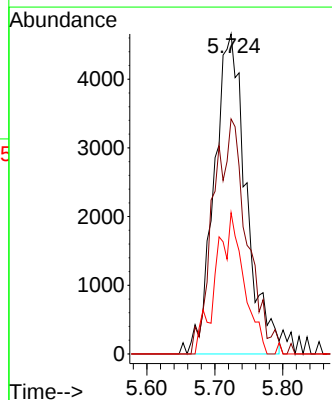
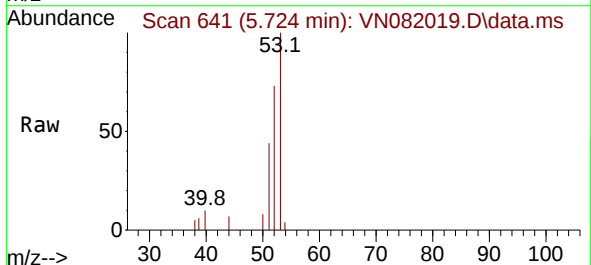
Manual Integrations
APPROVED

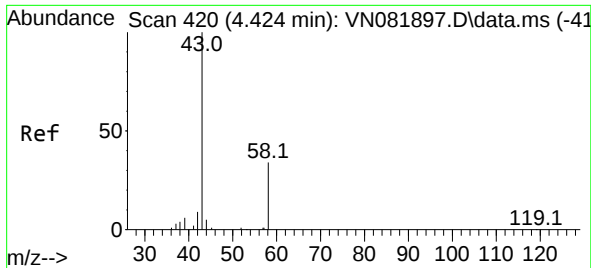
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#14
Acrylonitrile
Concen: 13.844 ug/l m
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Tgt Ion: 53 Resp: 15212
Ion Ratio Lower Upper
53 100
52 46.7 41.3 123.9
51 20.6 16.8 50.3





#15

Acetone

Concen: 16.761 ug/l m

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN082019.D

Acq: 07 May 2024 11:59

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

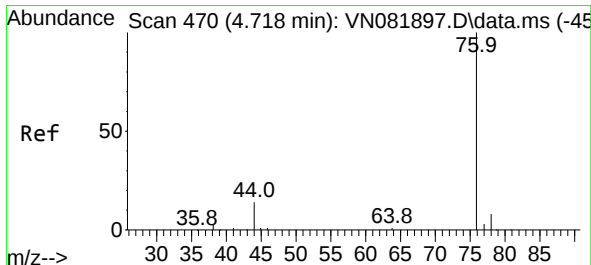
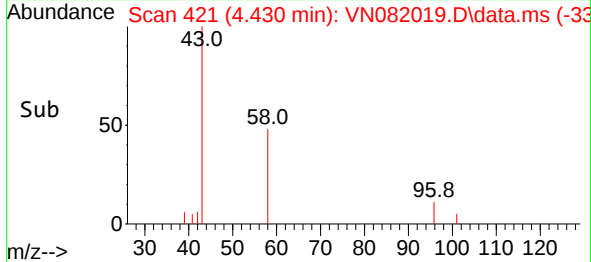
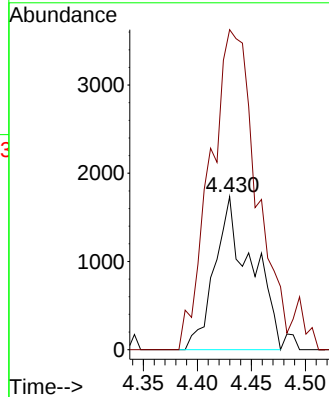
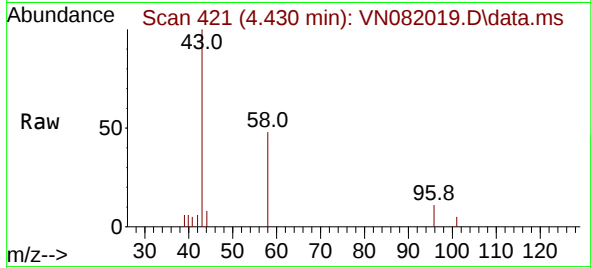
Tgt Ion: 58 Resp: 412
 Ion Ratio Lower Upper
 58 100
 43 209.1 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#16

Carbon Disulfide

Concen: 3.206 ug/l m

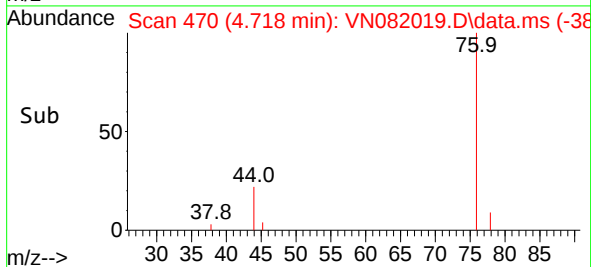
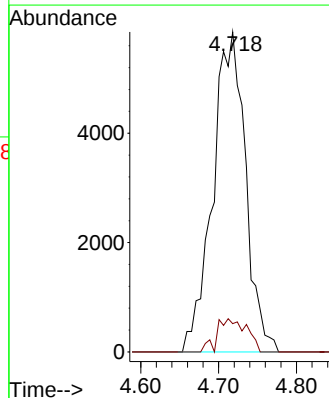
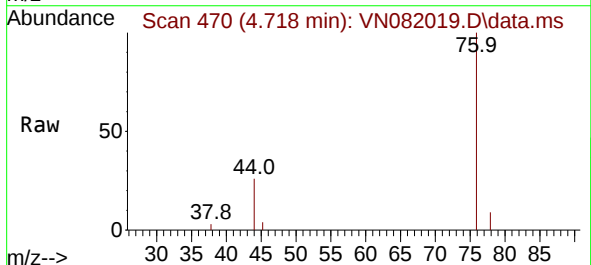
RT: 4.718 min Scan# 470

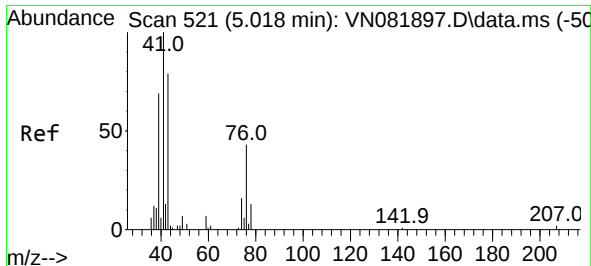
Delta R.T. -0.000 min

Lab File: VN082019.D

Acq: 07 May 2024 11:59

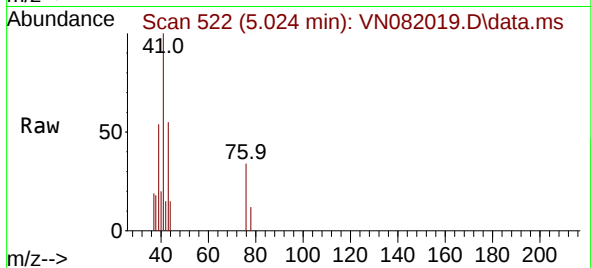
Tgt Ion: 76 Resp: 17080
 Ion Ratio Lower Upper
 76 100
 78 8.9 6.3 9.5





#17
 Allyl chloride
 Concen: 3.063 ug/l m
 RT: 5.024 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN082019.D
 Acq: 07 May 2024 11:59

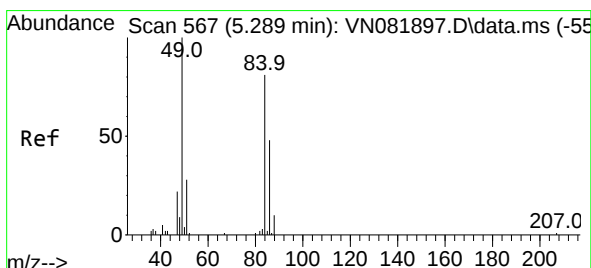
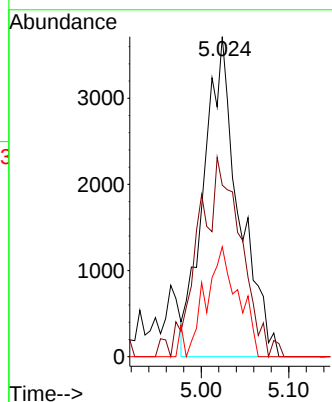
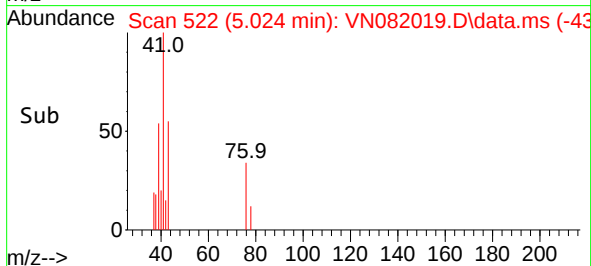
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 41 Resp: 1034
 Ion Ratio Lower Upper
 41 100
 39 53.6 37.6 112.9
 76 34.3 27.8 83.4

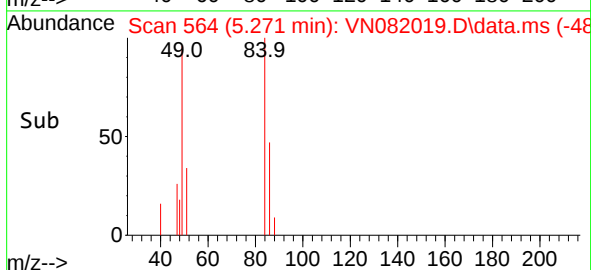
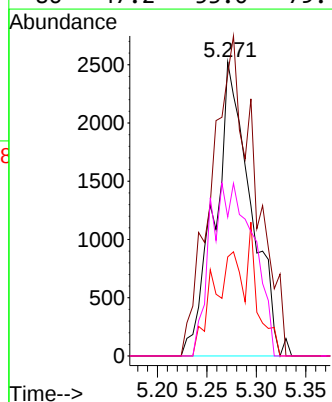
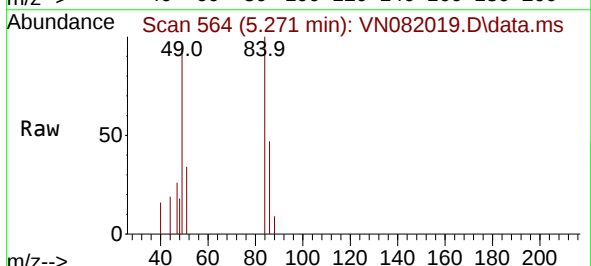
Manual Integrations
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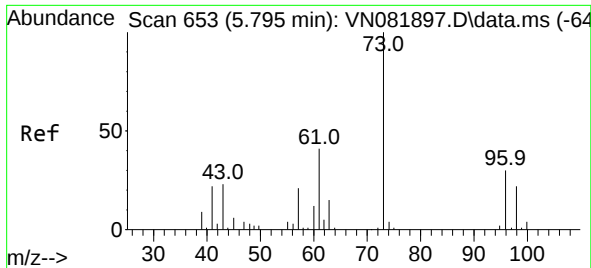
Reviewed By :John Carlone 05/08/2024
 Supervised By :Mahesh Dadoda 05/08/2024



#18
 Methylene Chloride
 Concen: 2.918 ug/l m
 RT: 5.271 min Scan# 564
 Delta R.T. -0.018 min
 Lab File: VN082019.D
 Acq: 07 May 2024 11:59

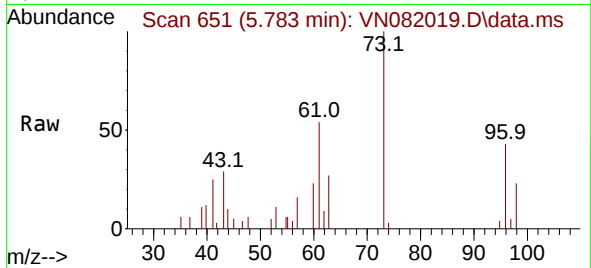
Tgt Ion: 84 Resp: 6383
 Ion Ratio Lower Upper
 84 100
 49 95.8 86.0 129.0
 51 33.7 30.0 45.0
 86 47.2 53.0 79.4#





#19
trans-1,2-Dichloroethene
Concen: 2.838 ug/l m
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

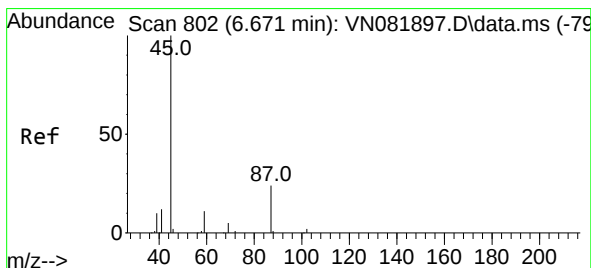
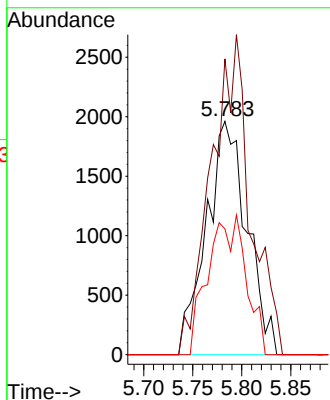
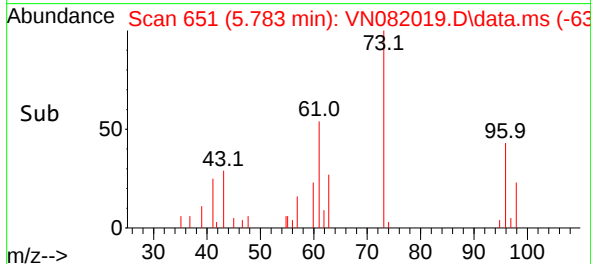
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 96 Resp: 5680
Ion Ratio Lower Upper
96 100
61 126.8 111.8 167.6
98 53.9 49.2 73.8

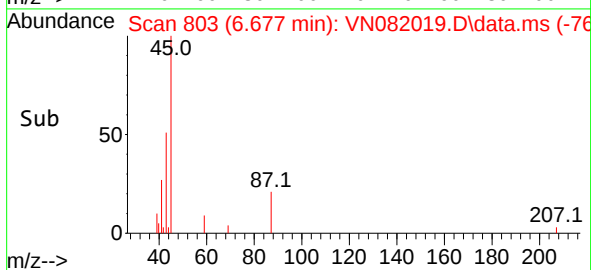
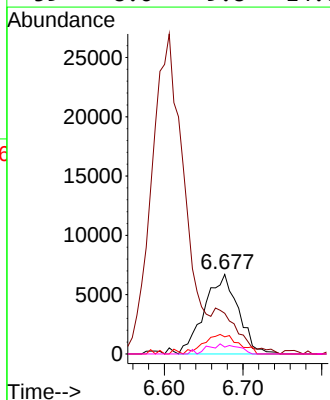
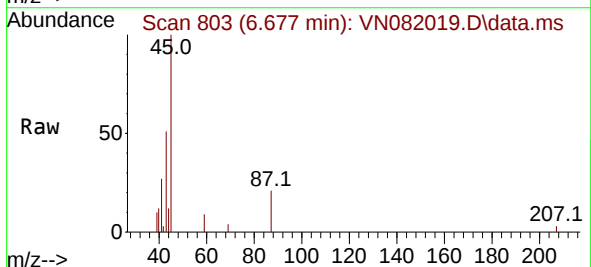
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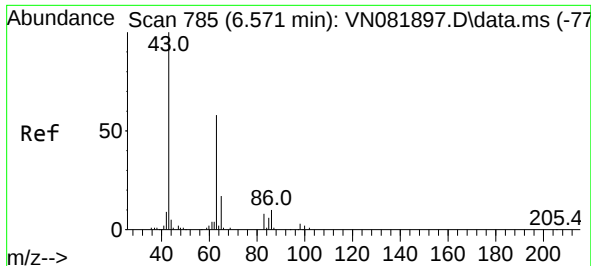
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#20
Diisopropyl ether
Concen: 2.680 ug/l m
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Tgt Ion: 45 Resp: 20017
Ion Ratio Lower Upper
45 100
43 51.1 40.4 60.6
87 21.4 23.8 35.8#
59 8.6 9.8 14.6#





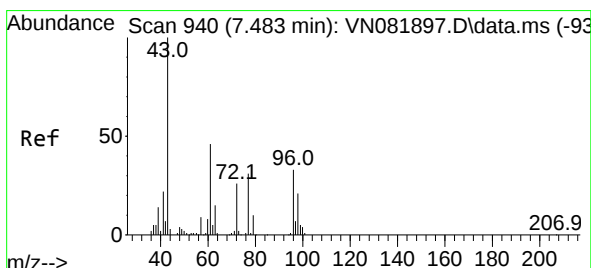
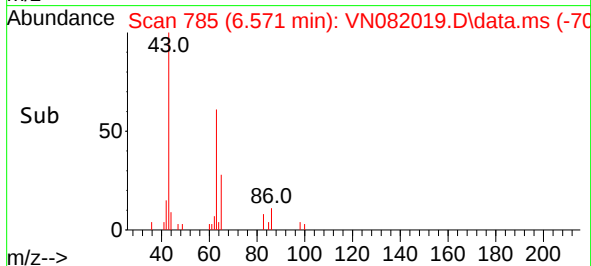
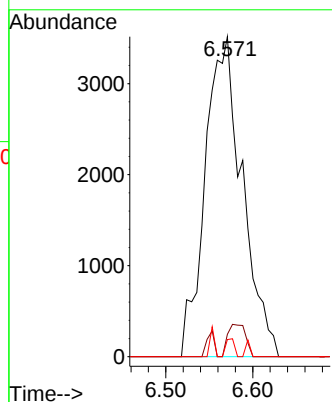
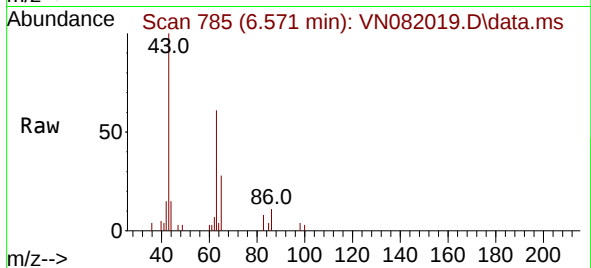
#21
1,1-Dichloroethane
Concen: 2.644 ug/l m
RT: 6.571 min Scan# 785
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 63 Resp: 10456
Ion Ratio Lower Upper
63 100
98 7.0 4.1 12.3
100 5.4 3.0 9.0

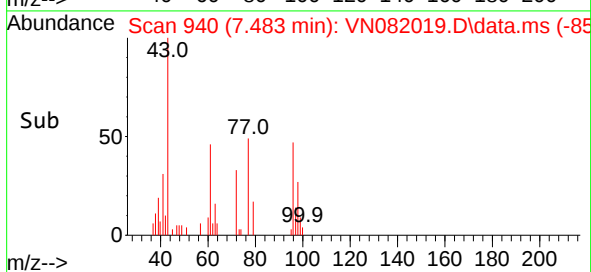
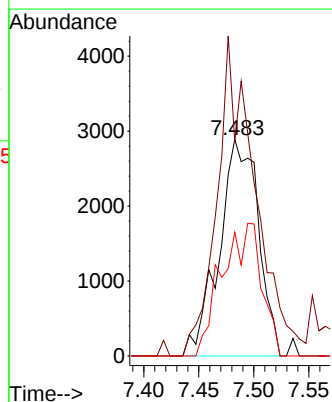
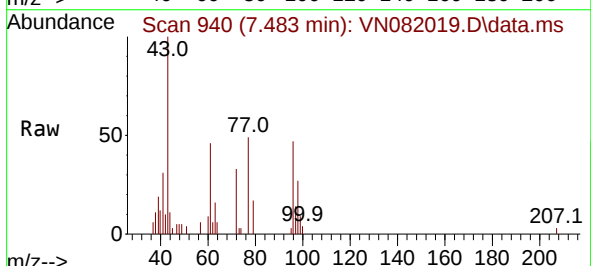
Manual Integrations
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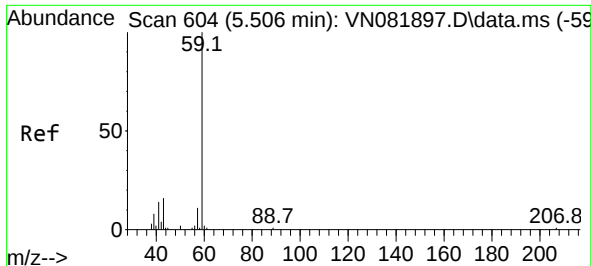
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#22
cis-1,2-Dichloroethene
Concen: 2.945 ug/l m
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

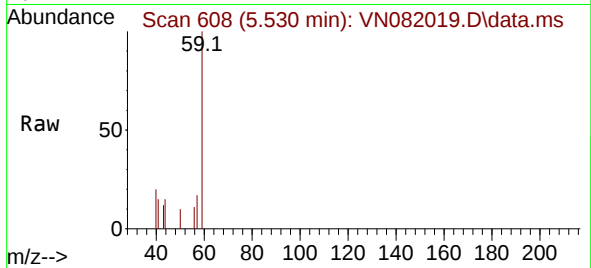
Tgt Ion: 96 Resp: 7184
Ion Ratio Lower Upper
96 100
61 69.6 113.5 170.3#
98 19.8 52.0 78.0#





#23
tert-Butyl Alcohol
Concen: 12.116 ug/l m
RT: 5.530 min Scan# 604
Delta R.T. 0.023 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

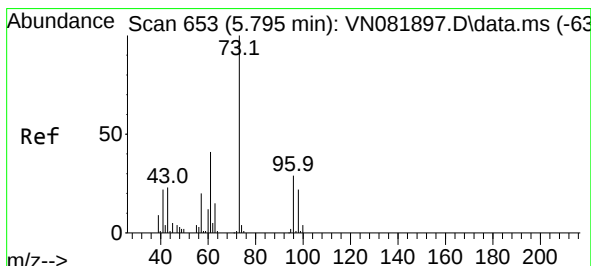
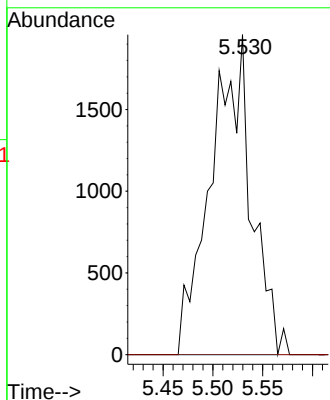
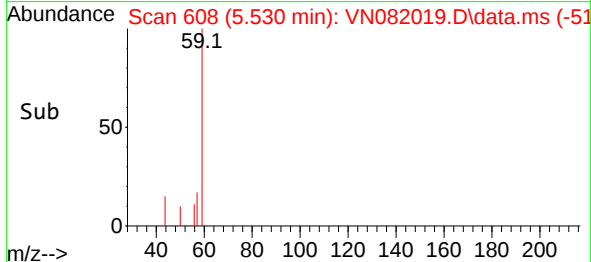
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 59 Resp: 5484
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

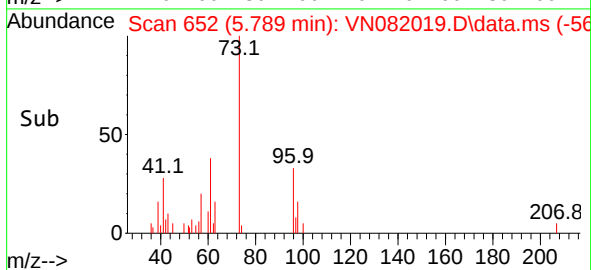
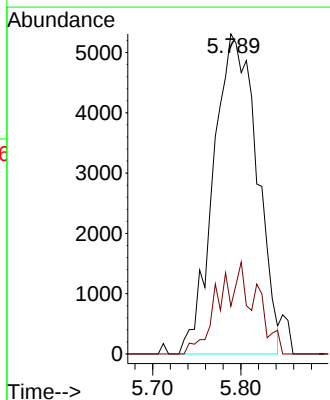
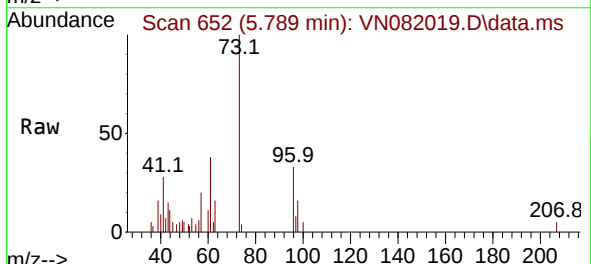
Manual Integrations
APPROVED

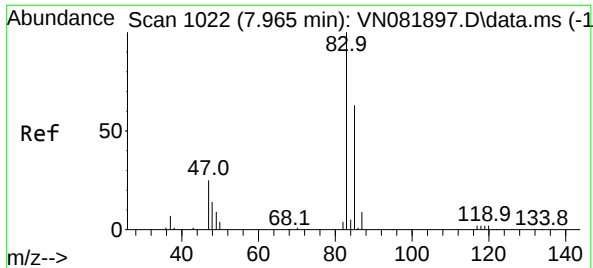
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#24
Methyl tert-Butyl Ether
Concen: 2.611 ug/l m
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

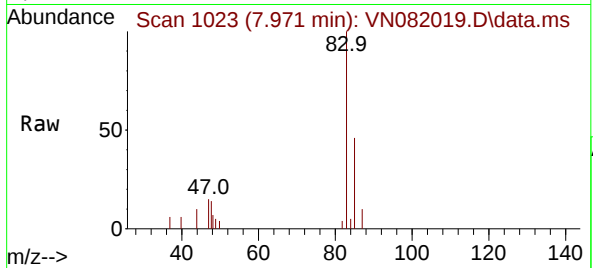
Tgt Ion: 73 Resp: 18102
Ion Ratio Lower Upper
73 100
43 10.3 13.4 20.2#





#25
Chloroform
Concen: 2.945 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

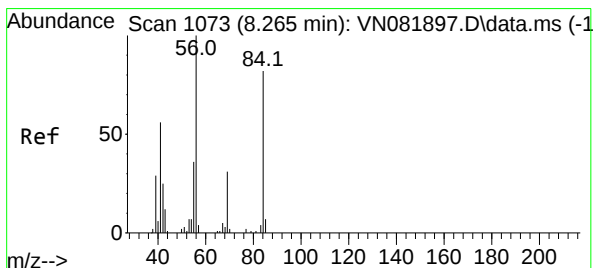
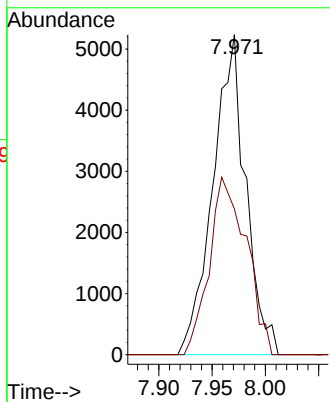
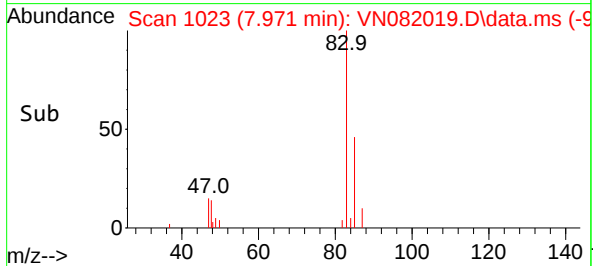
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 83 Resp: 1120
Ion Ratio Lower Upper
83 100
85 45.6 50.9 76.3

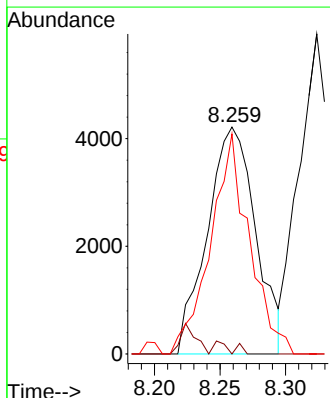
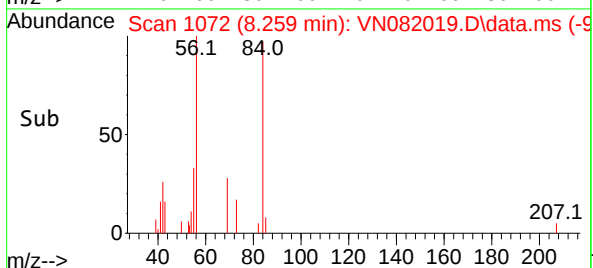
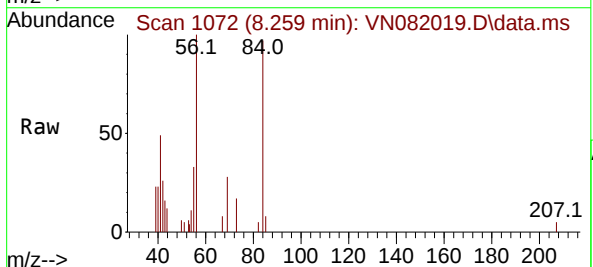
Manual Integrations
APPROVED

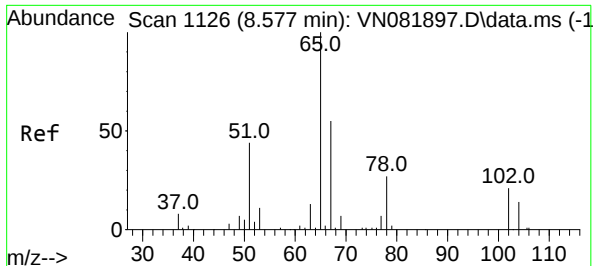
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#26
Cyclohexane
Concen: 3.168 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Tgt Ion: 56 Resp: 10836
Ion Ratio Lower Upper
56 100
89 0.6 19.3 28.9#
84 77.7 71.3 106.9





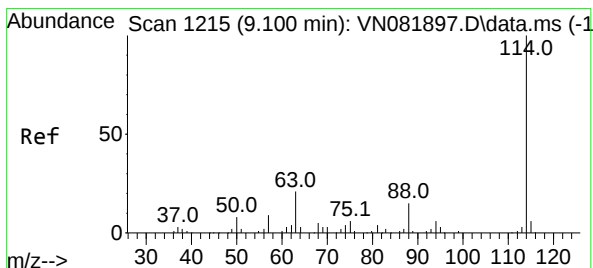
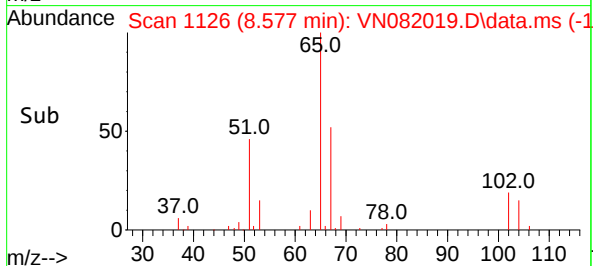
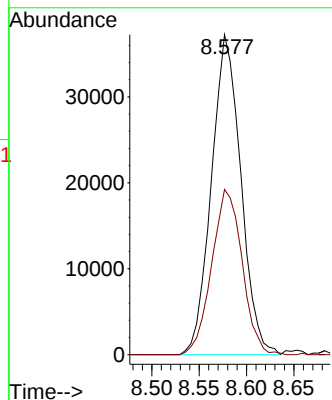
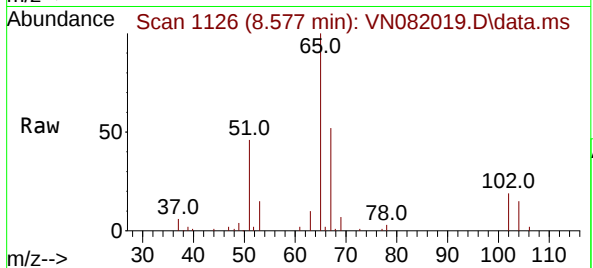
#27
1,2-Dichloroethane-d4
Concen: 30.491 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 65 Resp: 8042
Ion Ratio Lower Upper
65 100
67 53.1 43.2 64.8

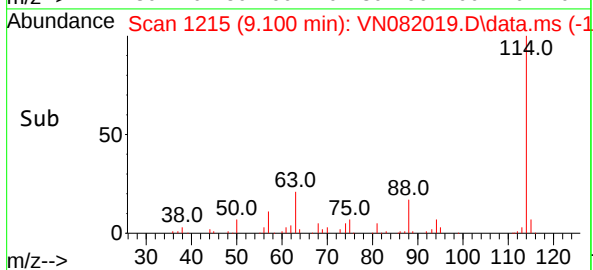
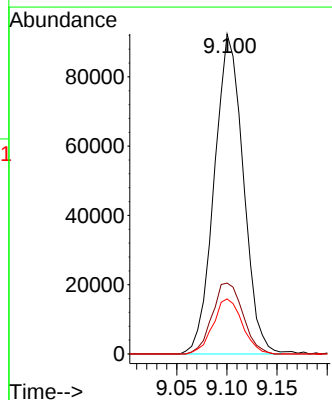
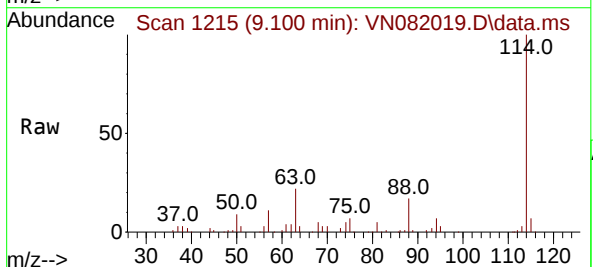
Manual Integrations
APPROVED

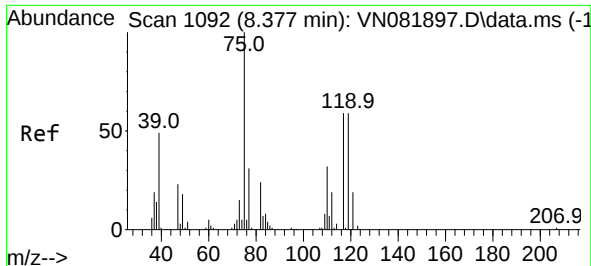
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Tgt Ion:114 Resp: 185983
Ion Ratio Lower Upper
114 100
63 23.4 15.9 23.9
88 17.3 12.7 19.1





#29

1,1-Dichloropropene

Concen: 2.777 ug/l

RT: 8.371 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VN082019.D

Acq: 07 May 2024 11:59

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

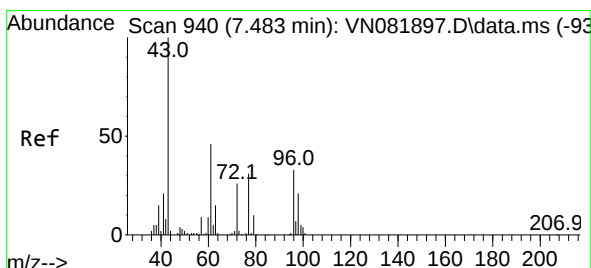
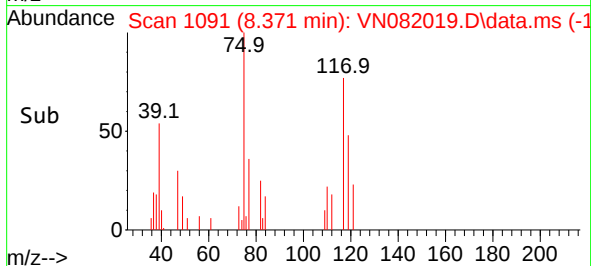
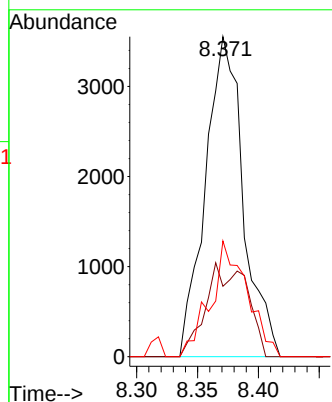
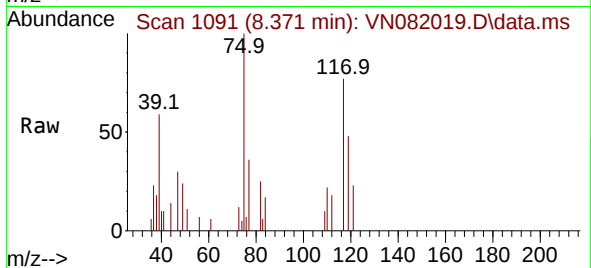
Tgt Ion: 75	Resp: 7689
Ion Ratio	Lower Upper
75 100	
110 15.1	0.0 70.2
77 28.3	0.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#30

2-Butanone

Concen: 13.091 ug/l

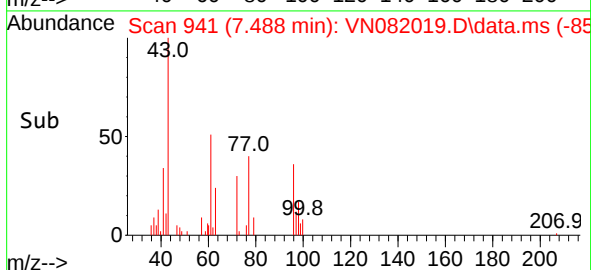
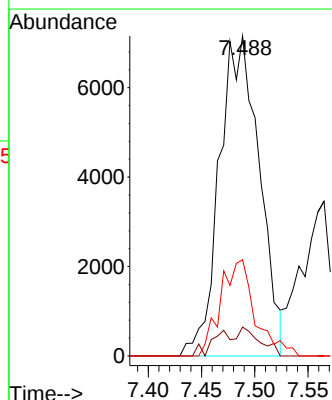
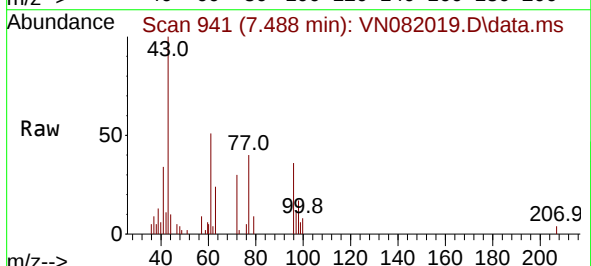
RT: 7.488 min Scan# 941

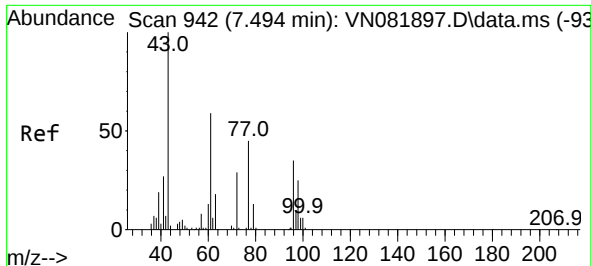
Delta R.T. 0.006 min

Lab File: VN082019.D

Acq: 07 May 2024 11:59

Tgt Ion: 43	Resp: 18684
Ion Ratio	Lower Upper
43 100	
57 4.7	6.7 10.1#
72 9.0	24.0 36.0#





#31

2,2-Dichloropropane

Concen: 3.402 ug/l m

RT: 7.483 min Scan# 94

Delta R.T. -0.012 min

Lab File: VN082019.D

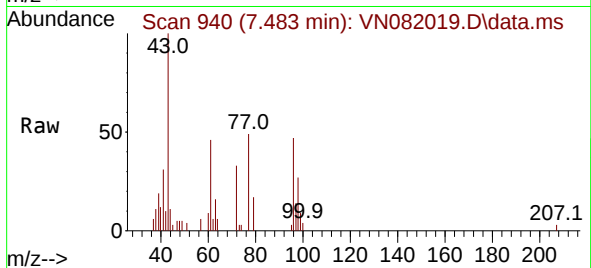
Acq: 07 May 2024 11:59

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



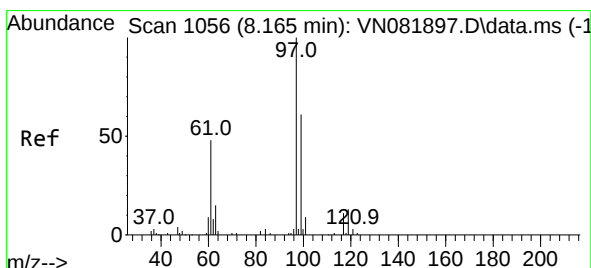
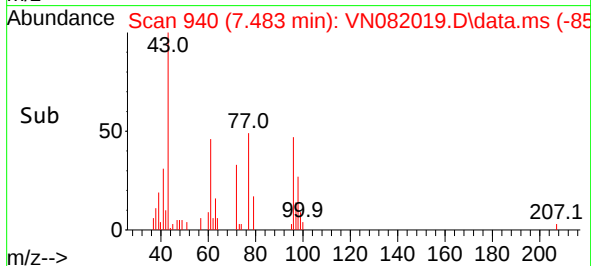
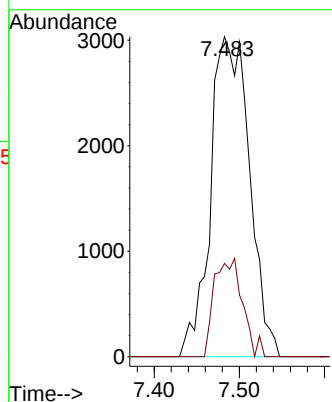
Tgt Ion:	77	Resp:	965
Ion Ratio	Lower	Upper	
77	100		
97	21.4	18.3	27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#32

1,1,1-Trichloroethane

Concen: 2.613 ug/l

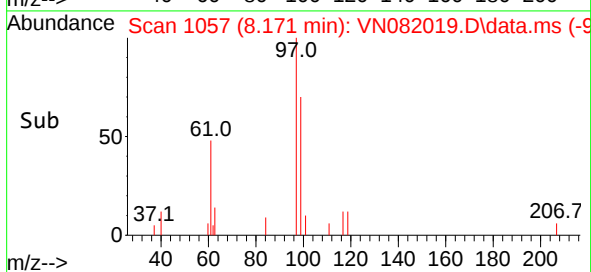
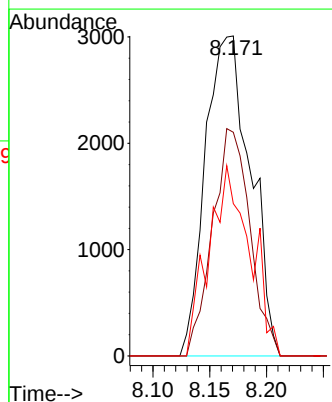
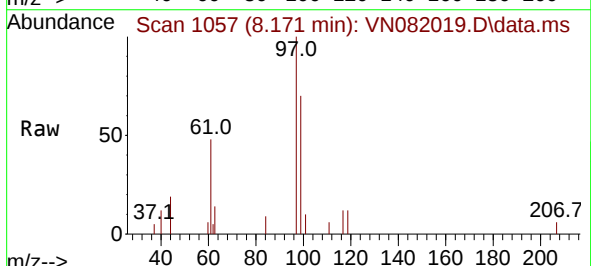
RT: 8.171 min Scan# 1057

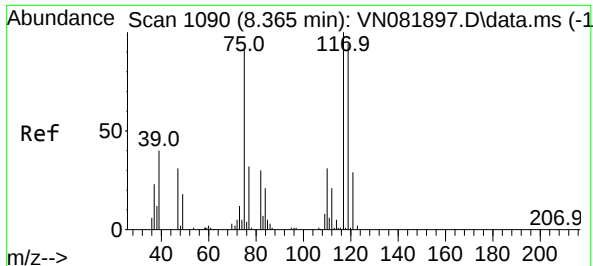
Delta R.T. 0.006 min

Lab File: VN082019.D

Acq: 07 May 2024 11:59

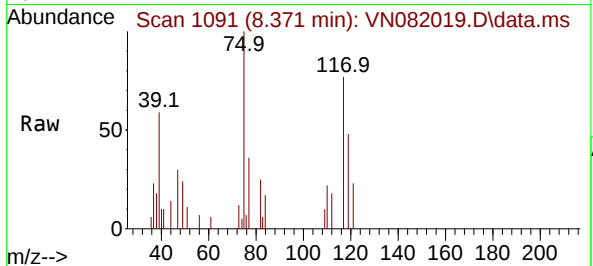
Tgt Ion:	97	Resp:	8321
Ion Ratio	Lower	Upper	
97	100		
99	58.9	51.0	76.4
61	47.1	33.8	50.8





#33
Carbon Tetrachloride
Concen: 2.743 ug/l m
RT: 8.371 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

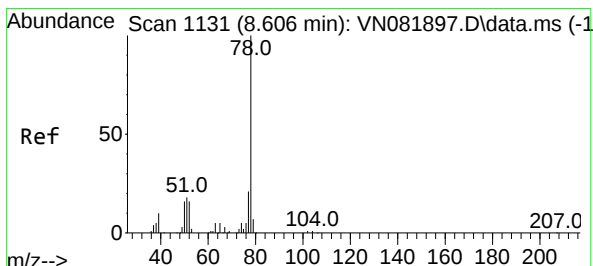
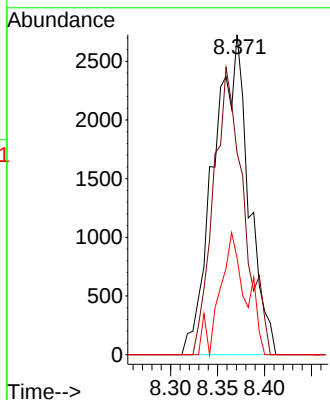
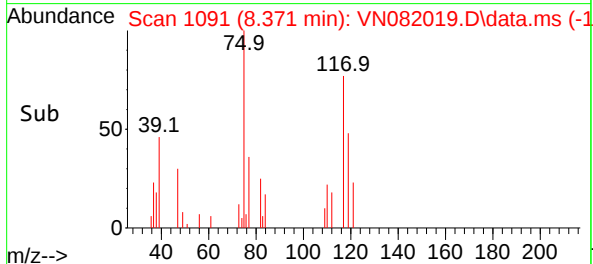
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 117 Resp: 7090
Ion Ratio Lower Upper
117 100
119 63.0 77.7 116.5
121 30.2 27.0 40.6

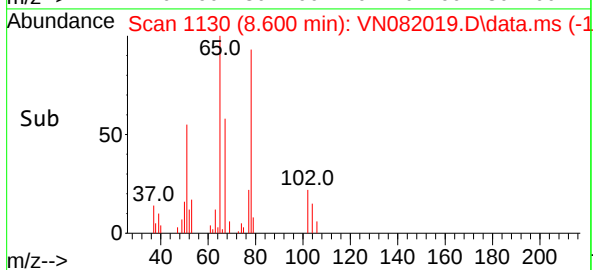
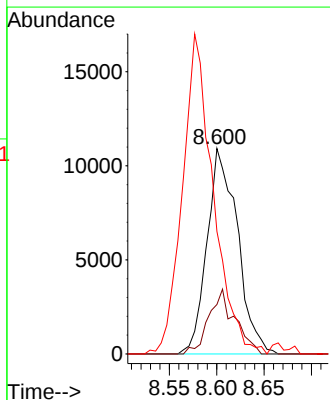
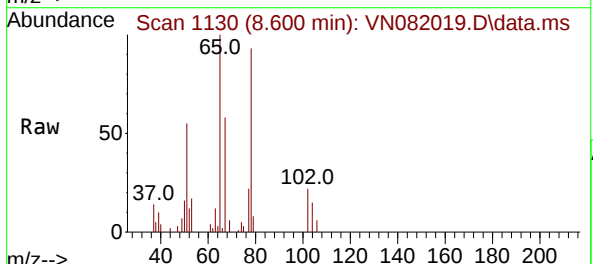
Manual Integrations
APPROVED

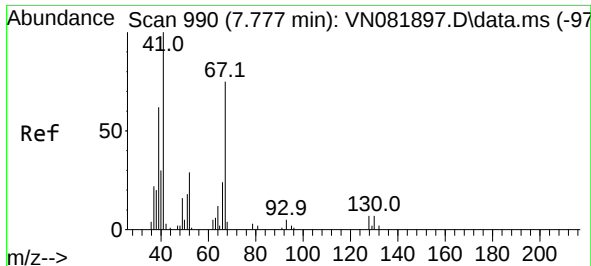
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#34
Benzene
Concen: 2.762 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

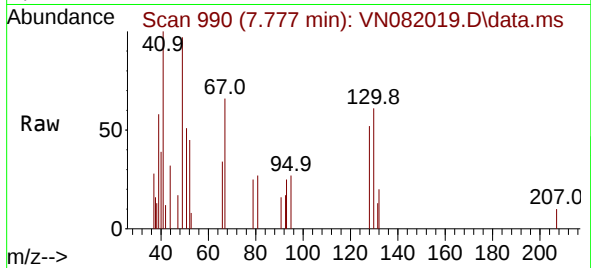
Tgt Ion: 78 Resp: 24398
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8
51 54.3 13.3 19.9





#35
Methacrylonitrile
Concen: 2.409 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

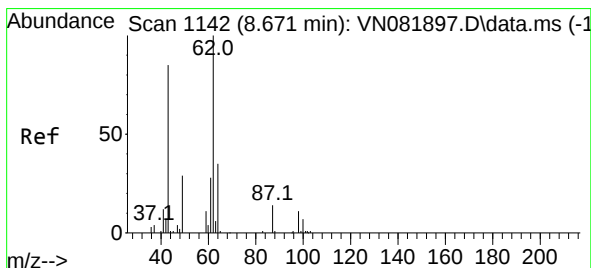
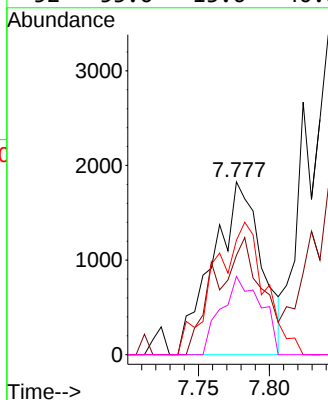
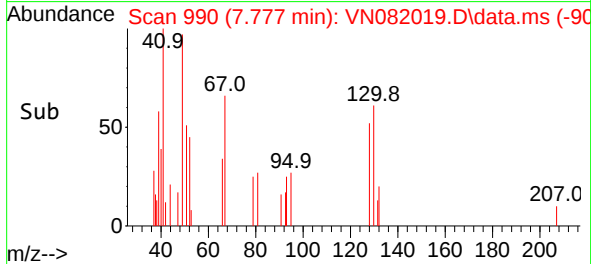
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 41 Resp: 4349
Ion Ratio Lower Upper
41 100
39 57.5 25.3 75.9
67 66.3 38.7 116.1
52 53.6 13.6 40.8#

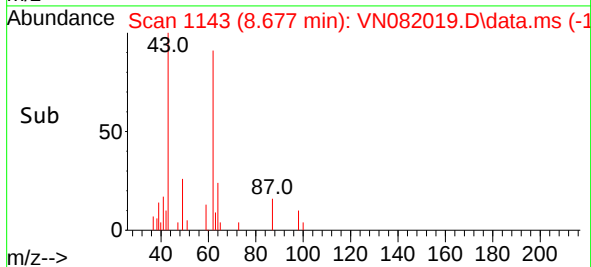
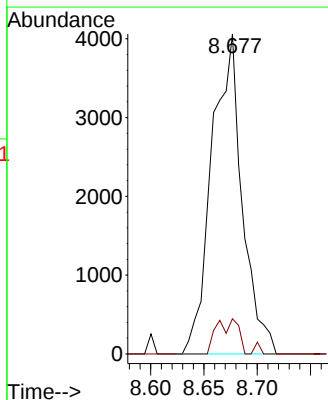
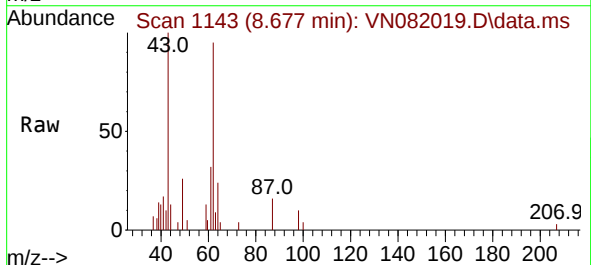
Manual Integrations
APPROVED

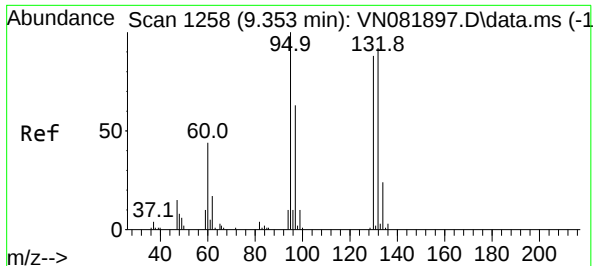
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#36
1,2-Dichloroethane
Concen: 2.715 ug/l m
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Tgt Ion: 62 Resp: 8050
Ion Ratio Lower Upper
62 100
98 3.5 8.2 12.4#





#37

Trichloroethene

Concen: 2.539 ug/l m

RT: 9.359 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082019.D

Acq: 07 May 2024 11:59

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:130 Resp: 549

Ion Ratio Lower Upper

130 100

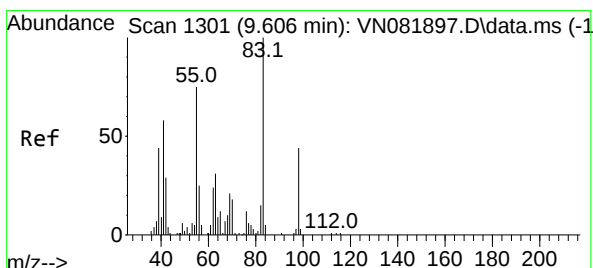
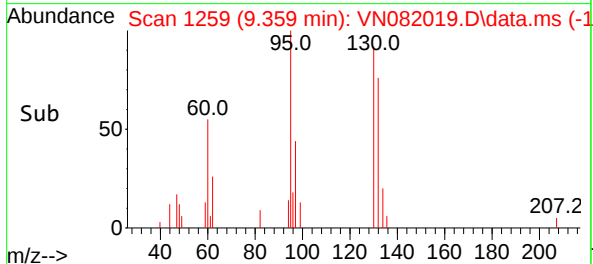
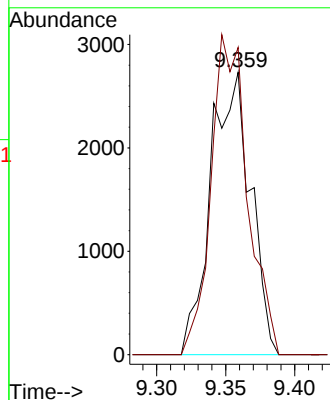
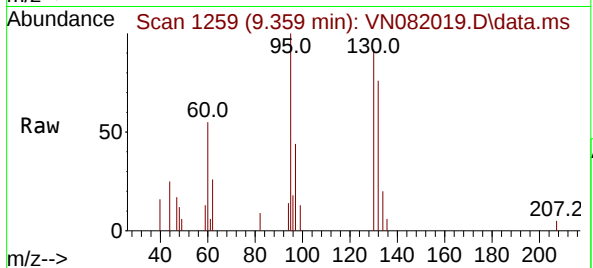
95 108.7 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#38

Methylcyclohexane

Concen: 2.962 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN082019.D

Acq: 07 May 2024 11:59

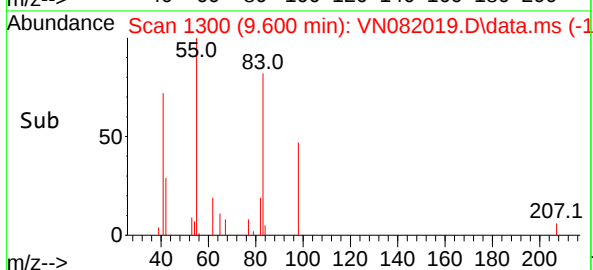
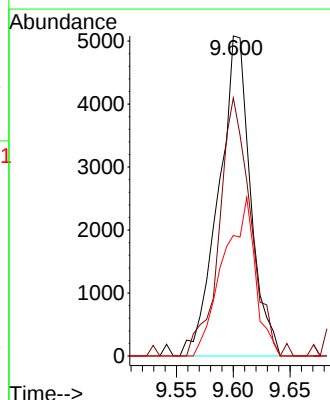
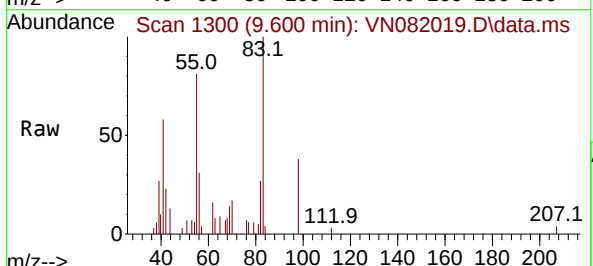
Tgt Ion: 83 Resp: 9909

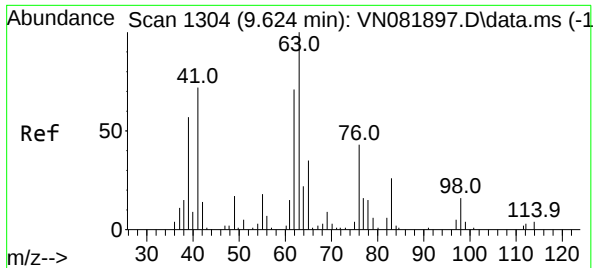
Ion Ratio Lower Upper

83 100

55 78.8 36.6 109.9

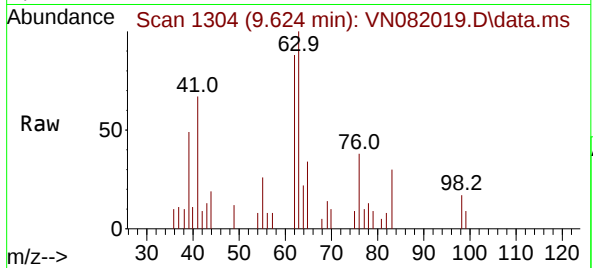
98 49.6 23.8 71.5





#39
1,2-Dichloropropane
Concen: 2.376 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

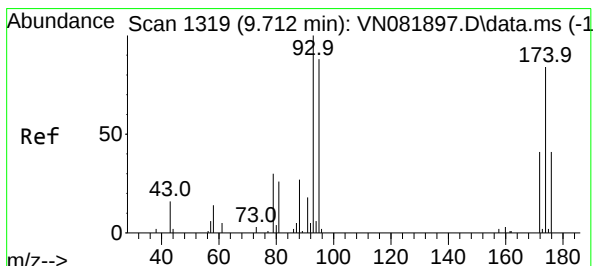
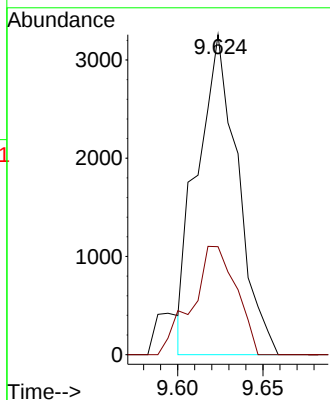
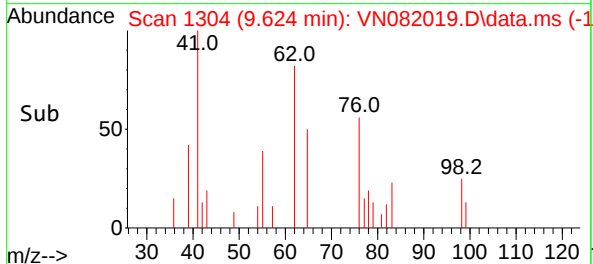
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



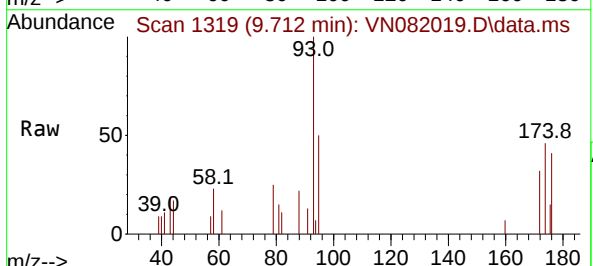
Tgt Ion: 63 Resp: 538
Ion Ratio Lower Upper
63 100
65 33.8 25.0 37.4

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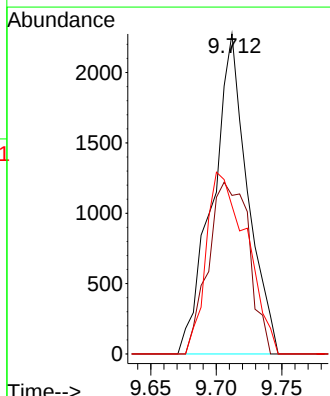
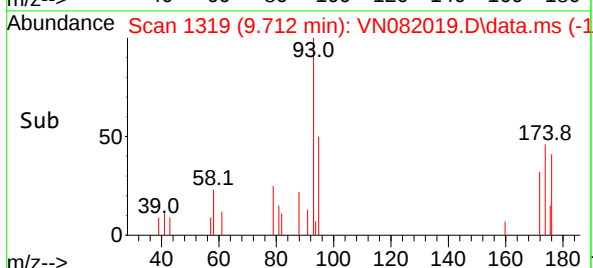
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

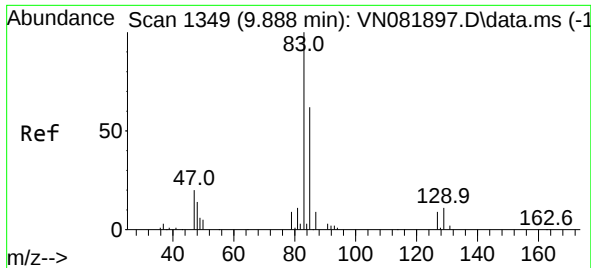


#40
Dibromomethane
Concen: 2.911 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59



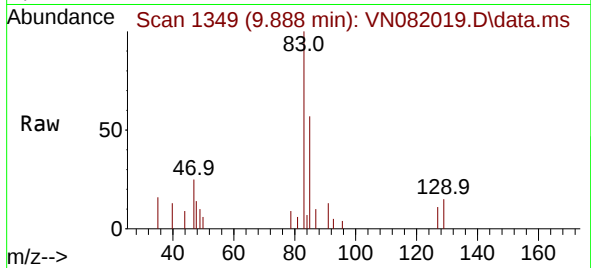
Tgt Ion: 93 Resp: 4238
Ion Ratio Lower Upper
93 100
95 62.2 0.0 164.6
174 65.8 0.0 193.2





#41
Bromodichloromethane
Concen: 2.518 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

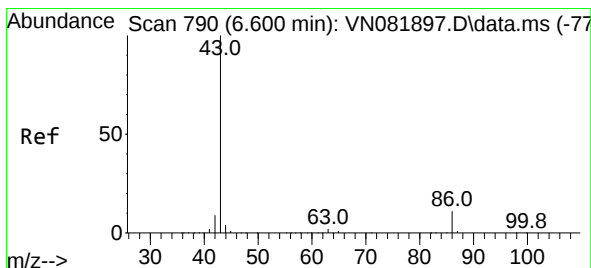
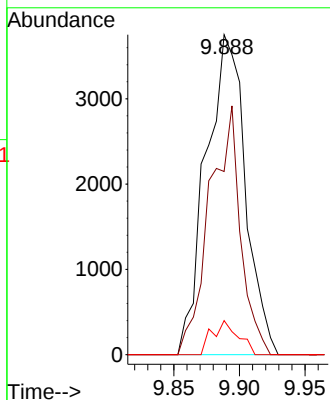
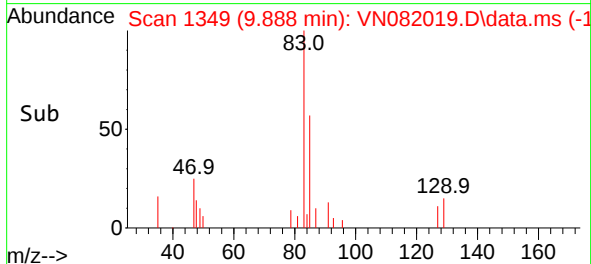
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 83 Resp: 783
Ion Ratio Lower Upper
83 100
85 57.2 49.4 74.2
127 10.6 7.3 10.9

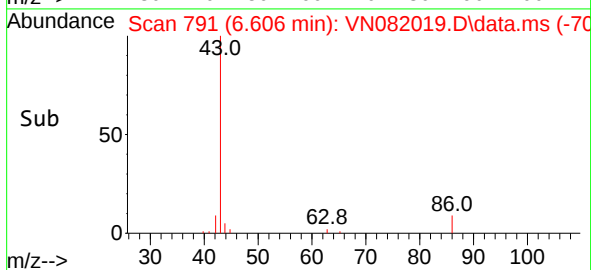
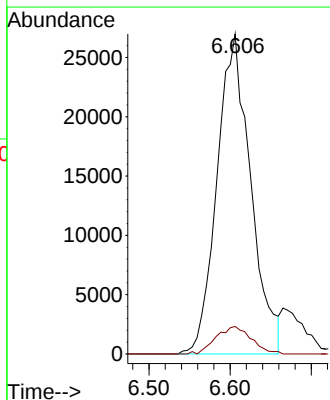
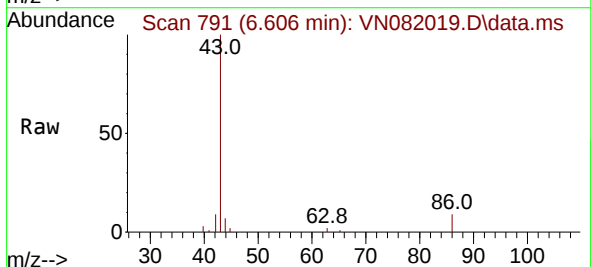
Manual Integrations
APPROVED

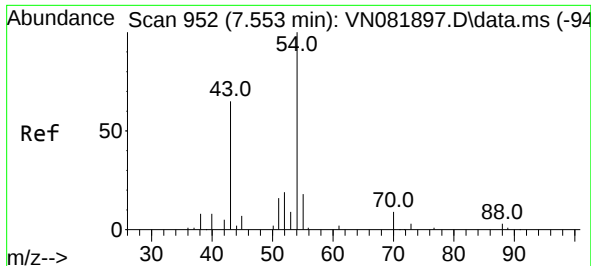
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#42
Vinyl Acetate
Concen: 12.814 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

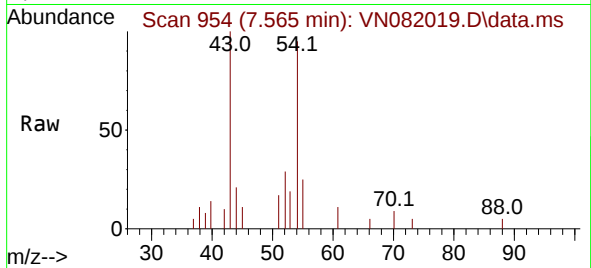
Tgt Ion: 43 Resp: 77843
Ion Ratio Lower Upper
43 100
86 8.8 9.4 14.2#





#43
Ethyl Acetate
Concen: 2.773 ug/l m
RT: 7.565 min Scan# 954
Delta R.T. 0.012 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

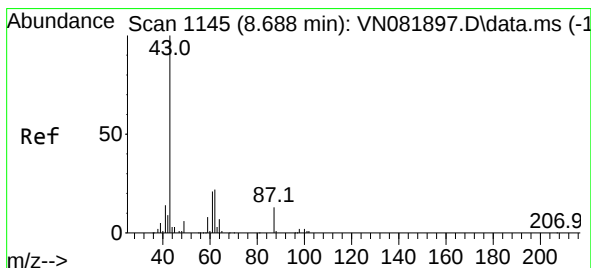
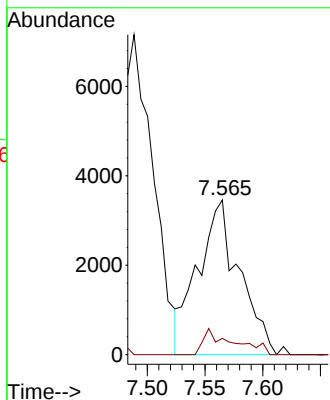
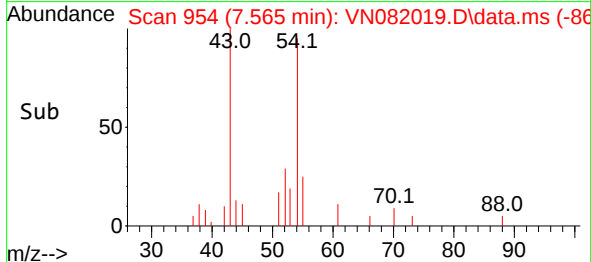
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 43 Resp: 8629
Ion Ratio Lower Upper
43 100
45 4.7 10.6 15.8

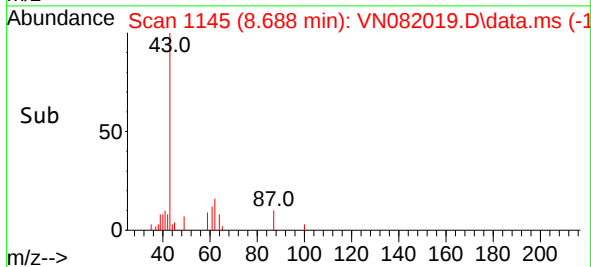
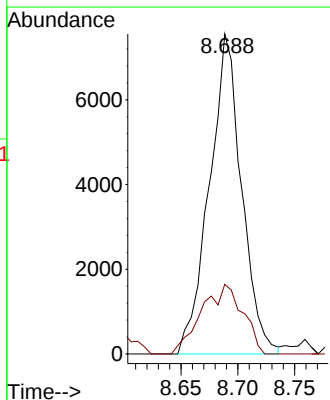
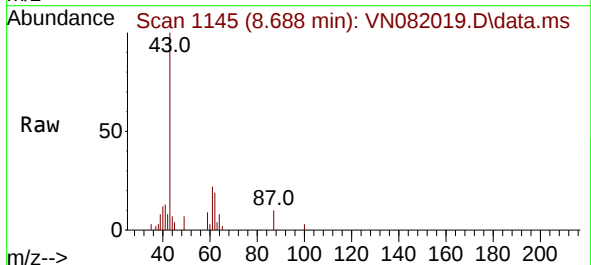
Manual Integrations
APPROVED

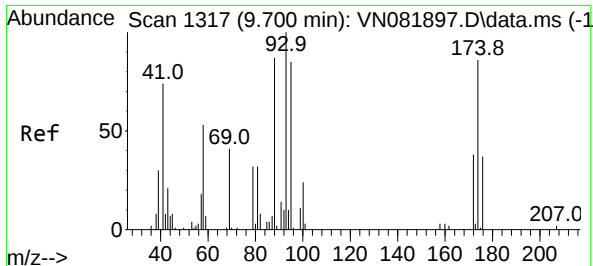
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#44
Isopropyl Acetate
Concen: 2.695 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

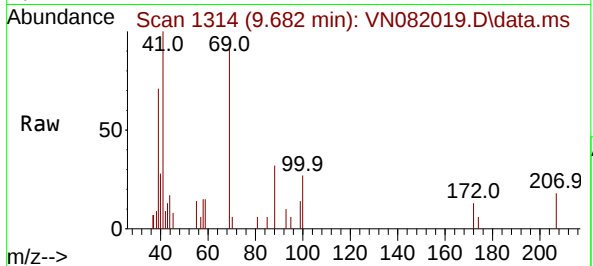
Tgt Ion: 43 Resp: 14889
Ion Ratio Lower Upper
43 100
61 14.4 25.0 37.4





#45
1,4-Dioxane
Concen: 41.778 ug/l m
RT: 9.682 min Scan# 1314
Delta R.T. -0.018 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

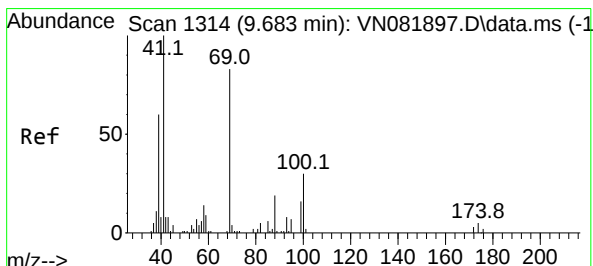
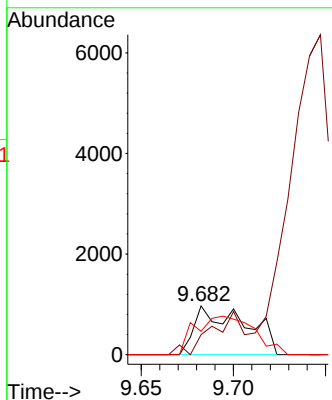
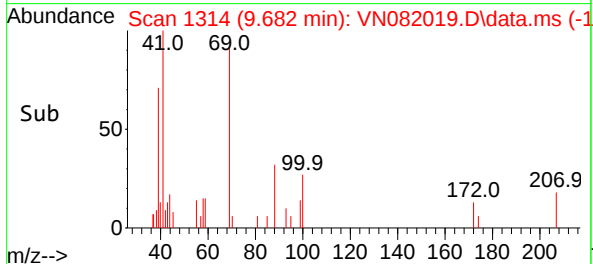
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



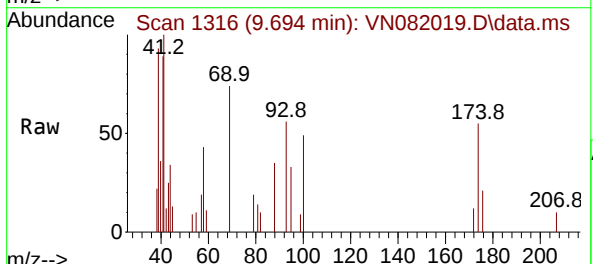
Tgt Ion: 88 Resp: 185
Ion Ratio Lower Upper
88 100
43 23.9 19.8 29.6
58 0.0 55.4 83.0

Manual Integrations
APPROVED

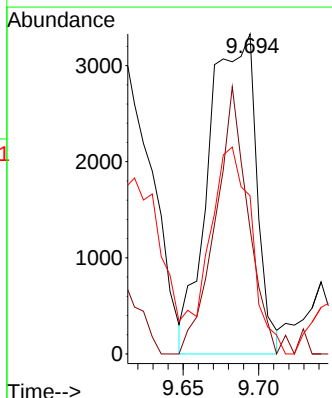
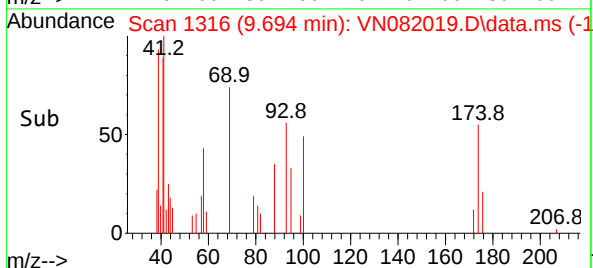
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

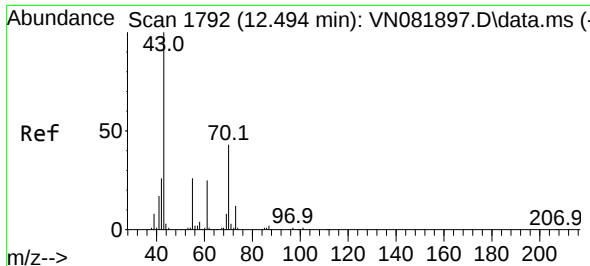


#46
Methyl methacrylate
Concen: 2.875 ug/l m
RT: 9.694 min Scan# 1316
Delta R.T. 0.012 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59



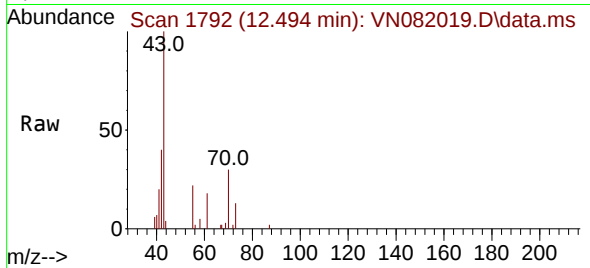
Tgt Ion: 41 Resp: 7256
Ion Ratio Lower Upper
41 100
69 73.9 51.1 153.3
39 93.3 25.8 77.3





#47
n-amy1 Acetate
Concen: 2.439 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

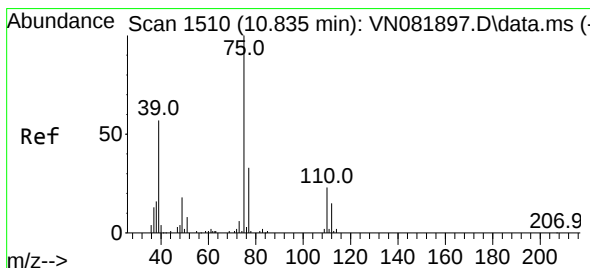
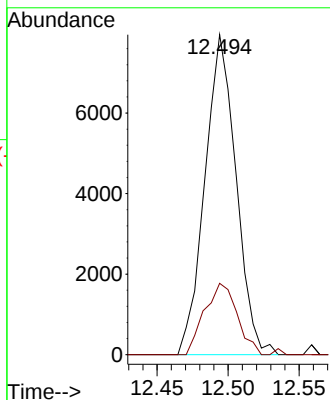
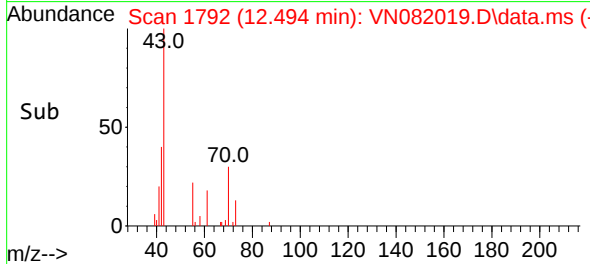
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
55 23.3 23.4 35.2

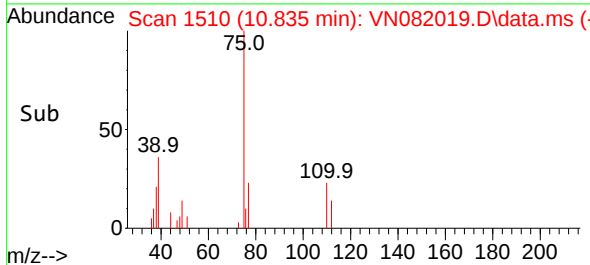
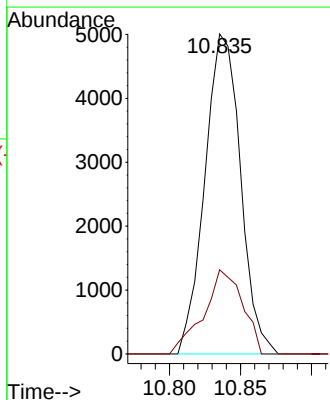
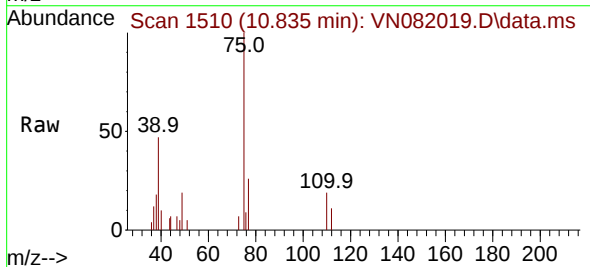
Manual Integrations
APPROVED

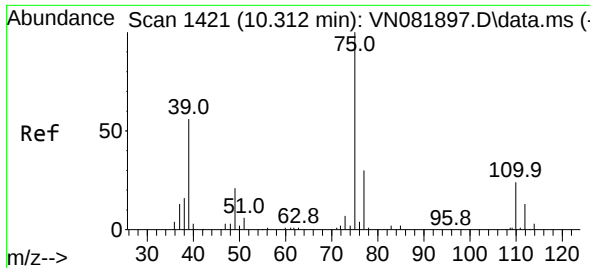
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#48
t-1,3-Dichloropropene
Concen: 2.595 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

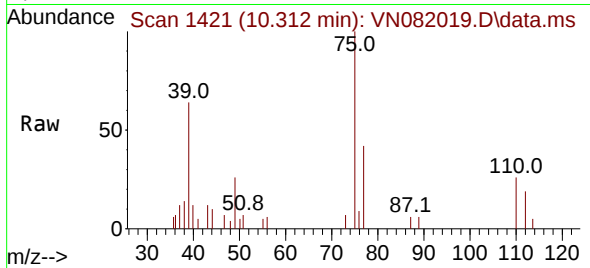
Tgt Ion: 75 Resp: 8759
Ion Ratio Lower Upper
75 100
77 26.3 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 2.276 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082019.D
 Acq: 07 May 2024 11:59

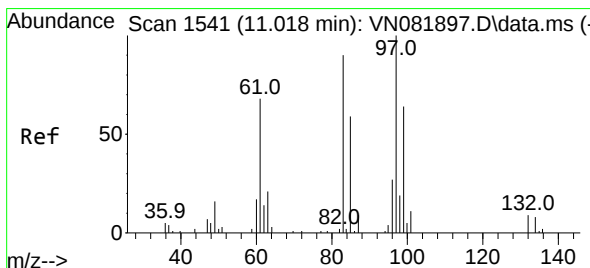
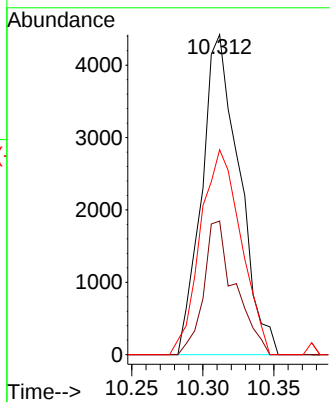
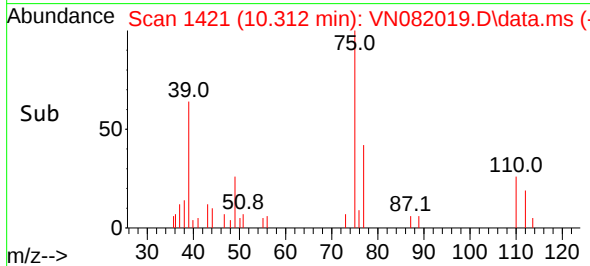
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 75 Resp: 812
 Ion Ratio Lower Upper
 75 100
 77 41.7 24.9 37.3
 39 64.0 31.0 46.6

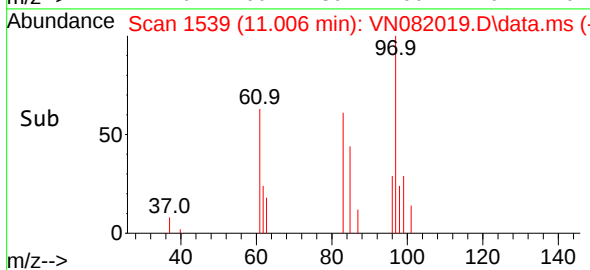
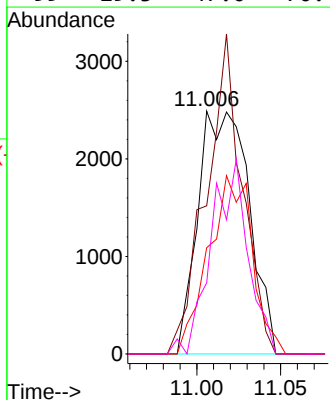
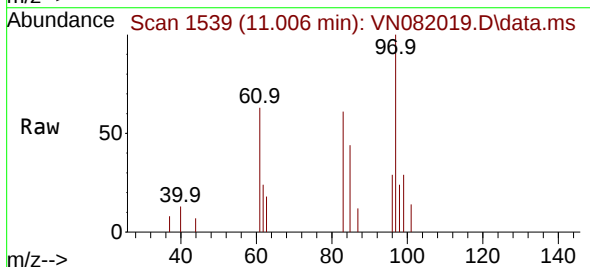
Manual Integrations
 APPROVED

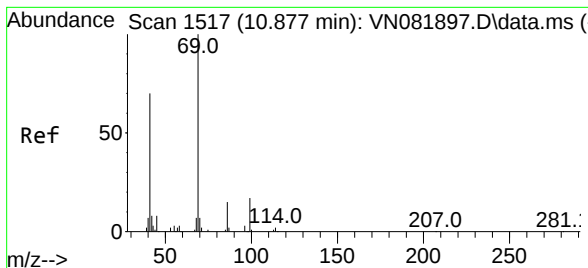
Reviewed By :John Carlone 05/08/2024
 Supervised By :Mahesh Dadoda 05/08/2024



#50
 1,1,2-Trichloroethane
 Concen: 2.663 ug/l m
 RT: 11.006 min Scan# 1539
 Delta R.T. -0.012 min
 Lab File: VN082019.D
 Acq: 07 May 2024 11:59

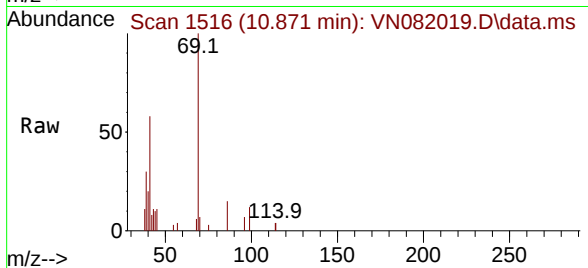
Tgt Ion: 97 Resp: 5260
 Ion Ratio Lower Upper
 97 100
 83 61.0 68.1 102.1#
 85 43.8 41.8 62.6
 99 29.3 47.0 70.4#





#51
Ethyl methacrylate
Concen: 2.411 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

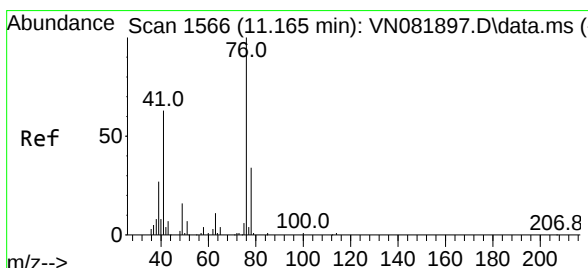
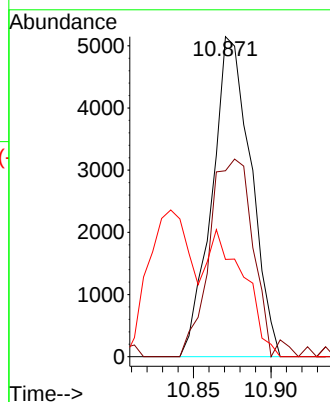
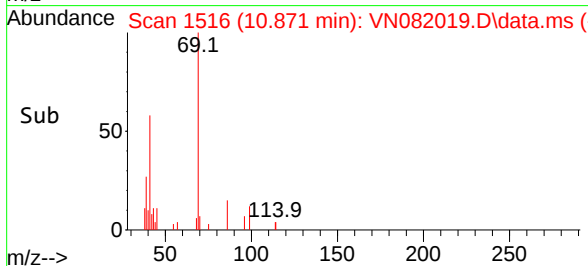
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 69 Resp: 8989
Ion Ratio Lower Upper
69 100
41 58.1 25.5 76.5
39 30.4 16.0 47.9

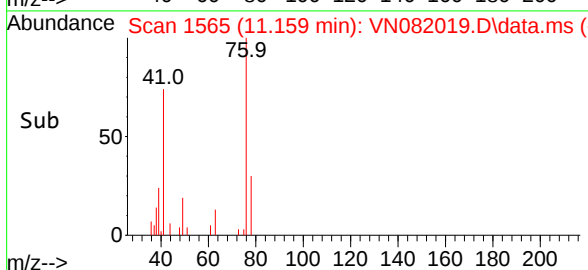
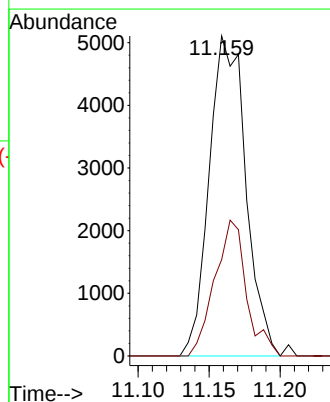
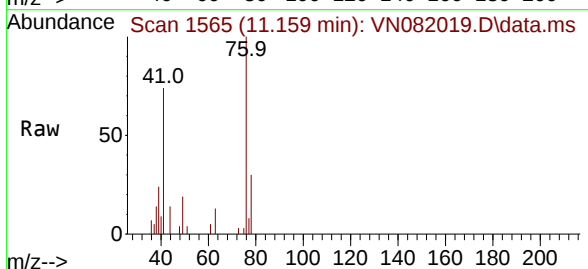
Manual Integrations
APPROVED

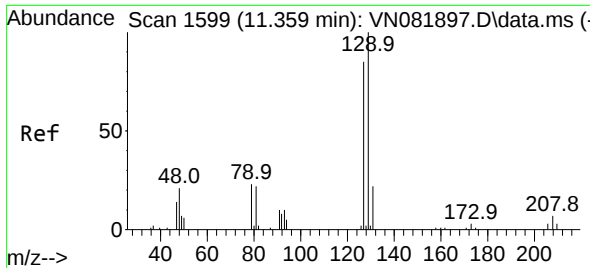
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#52
1,3-Dichloropropane
Concen: 2.518 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Tgt Ion: 76 Resp: 9137
Ion Ratio Lower Upper
76 100
78 36.7 0.0 65.8





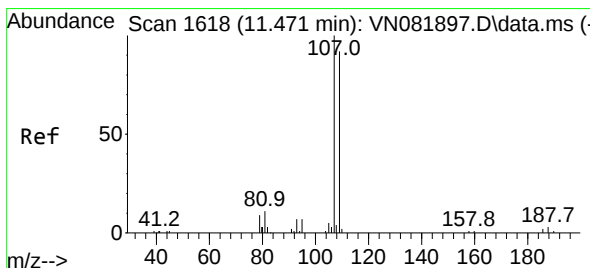
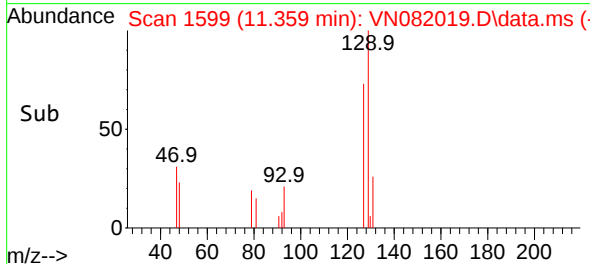
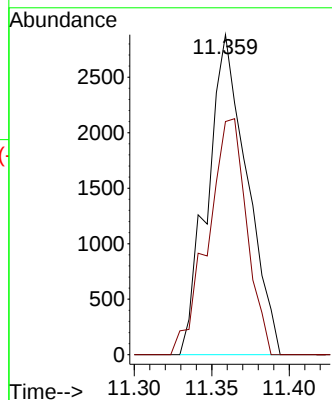
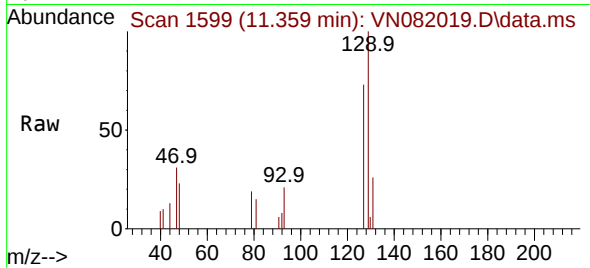
#53
Dibromochloromethane
Concen: 2.382 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:129 Resp: 5119
Ion Ratio Lower Upper
129 100
127 72.4 39.4 118.1

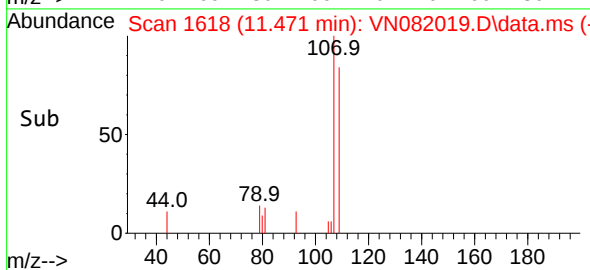
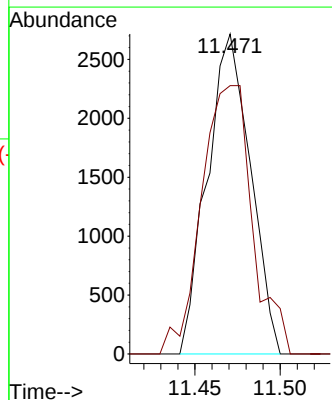
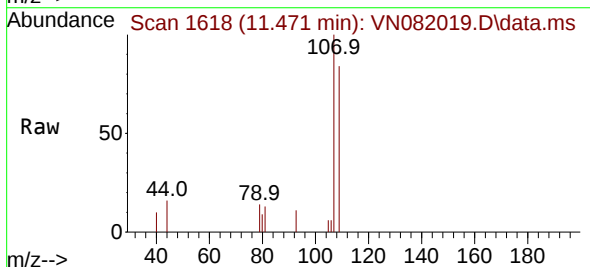
Manual Integrations
APPROVED

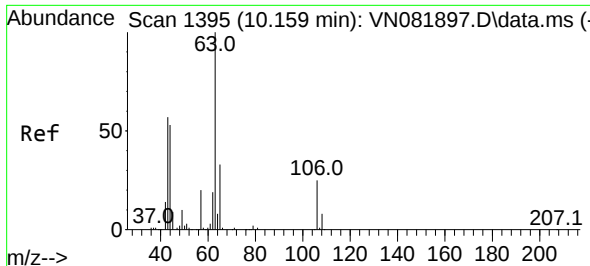
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#54
1,2-Dibromoethane
Concen: 2.430 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Tgt Ion:107 Resp: 4787
Ion Ratio Lower Upper
107 100
109 92.4 74.7 112.1





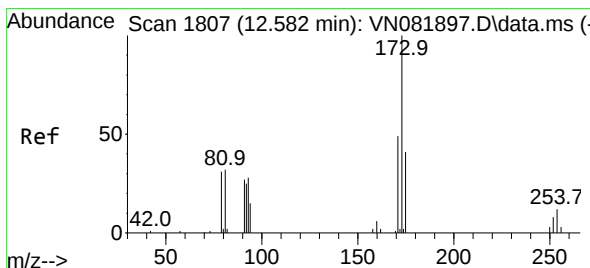
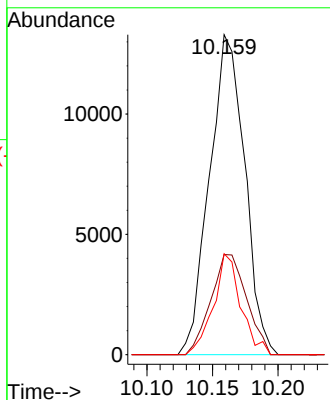
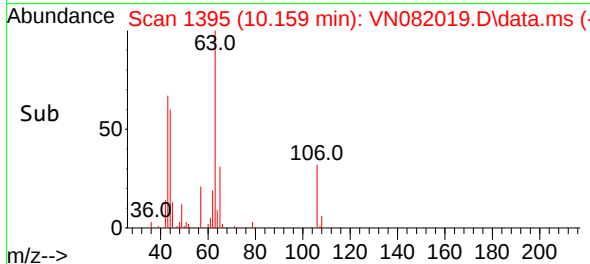
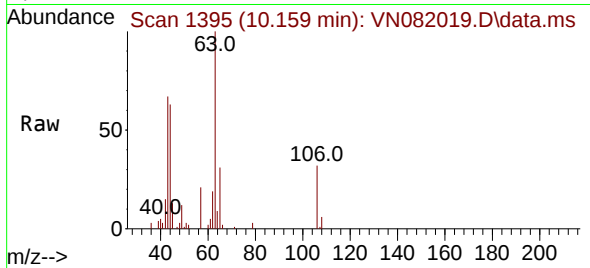
#55
2-Chloroethyl vinyl ether
Concen: 13.312 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 63 Resp: 24819
Ion Ratio Lower Upper
63 100
65 31.8 26.2 39.2
106 24.6 23.8 35.8

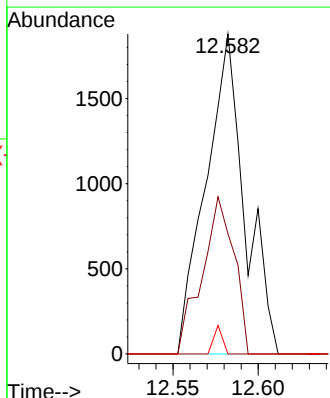
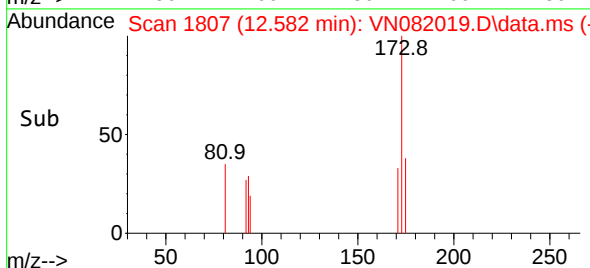
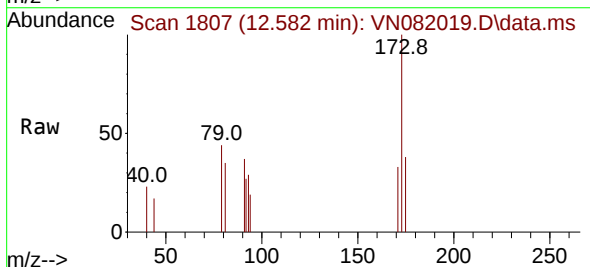
Manual Integrations
APPROVED

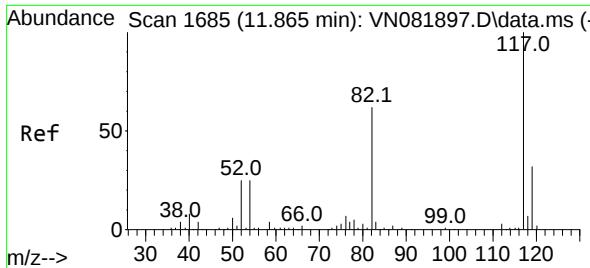
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#56
Bromoform
Concen: 2.285 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

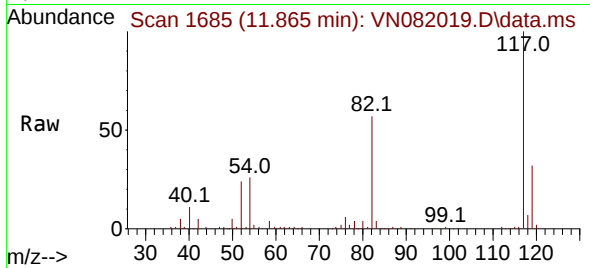
Tgt Ion:173 Resp: 2989
Ion Ratio Lower Upper
173 100
175 40.3 40.0 60.0
254 0.0 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

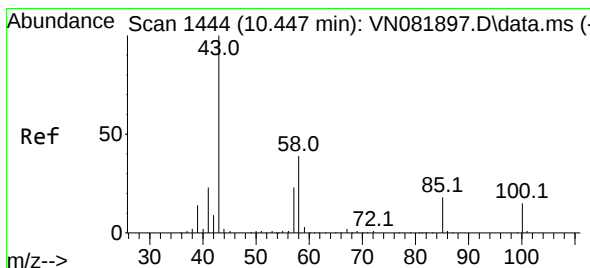
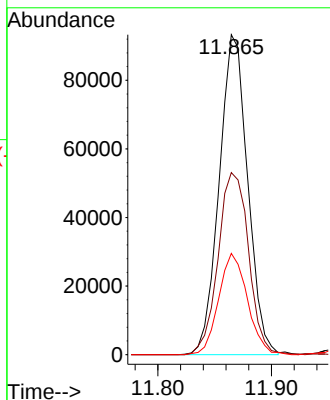
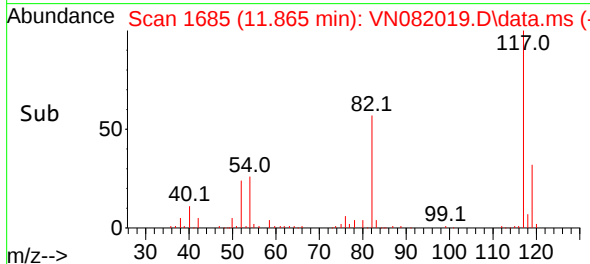
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



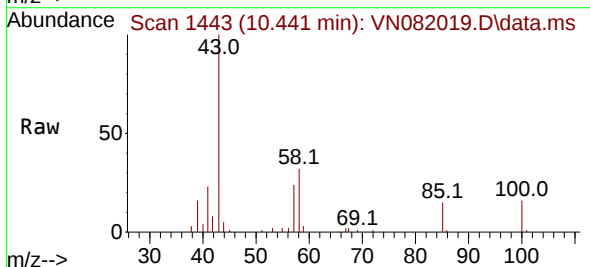
Tgt Ion:117 Resp: 16255
Ion Ratio Lower Upper
117 100
82 61.0 46.6 69.8
119 32.0 25.4 38.2

Manual Integrations
APPROVED

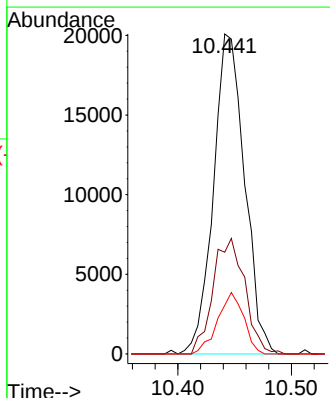
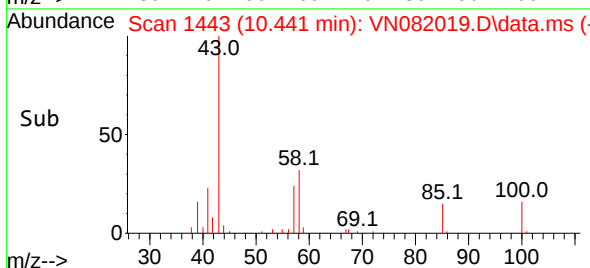
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

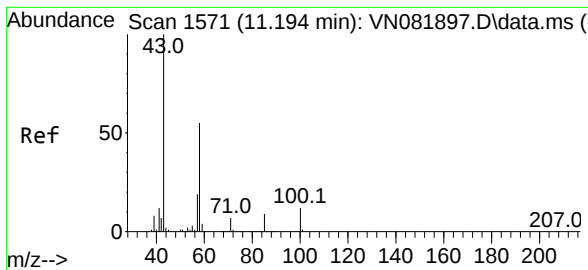


#58
4-Methyl-2-Pentanone
Concen: 12.120 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59



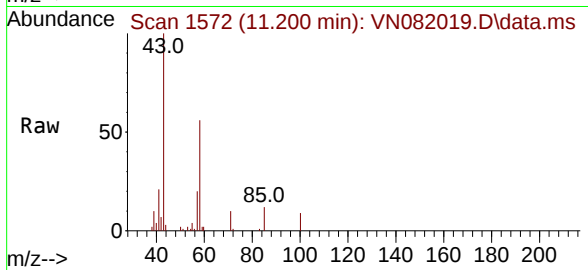
Tgt Ion: 43 Resp: 38254
Ion Ratio Lower Upper
43 100
58 37.0 36.5 54.7
85 16.1 19.5 29.3#





#59
2-Hexanone
Concen: 12.509 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

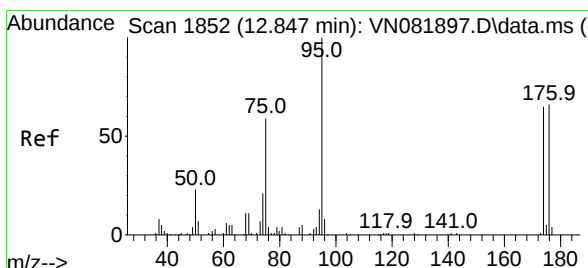
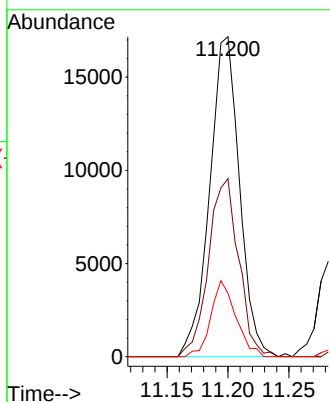
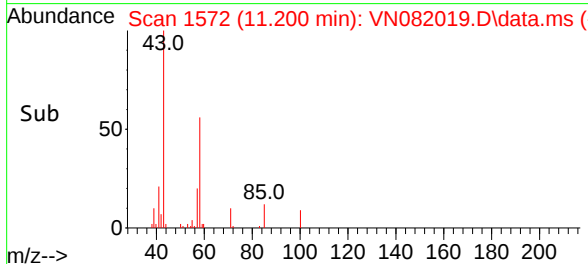
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 43 Resp: 29274
Ion Ratio Lower Upper
43 100
58 56.4 50.4 75.6
57 20.0 18.6 27.8

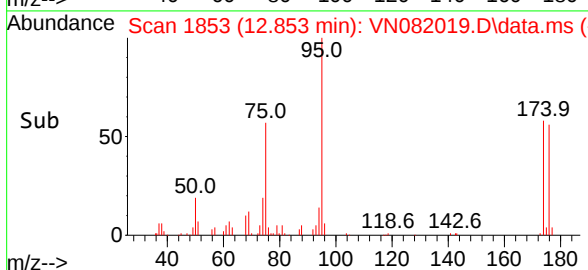
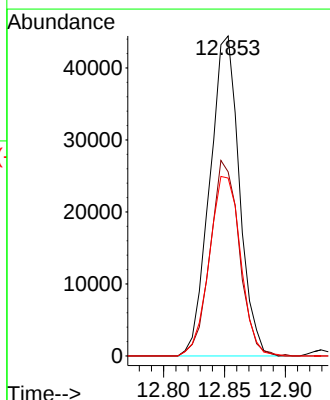
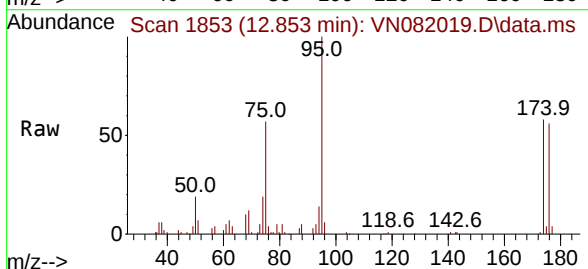
Manual Integrations
APPROVED

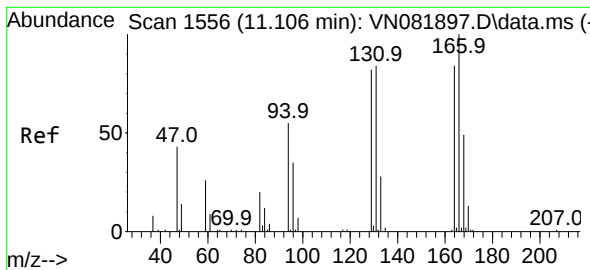
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#60
4-Bromofluorobenzene
Concen: 27.767 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

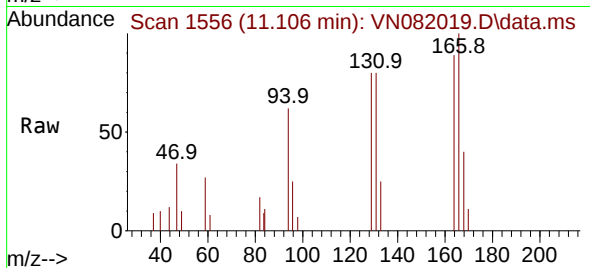
Tgt Ion: 95 Resp: 75117
Ion Ratio Lower Upper
95 100
174 60.1 60.5 90.7#
176 59.3 57.8 86.6





#61
Tetrachloroethene
Concen: 2.439 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

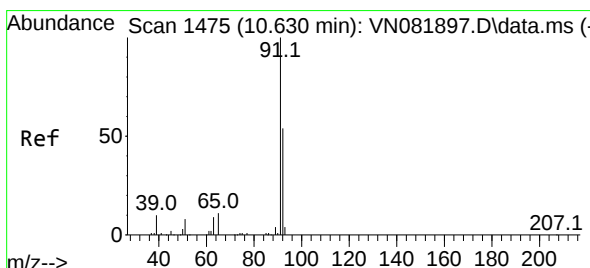
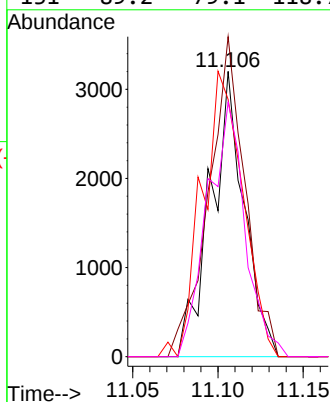
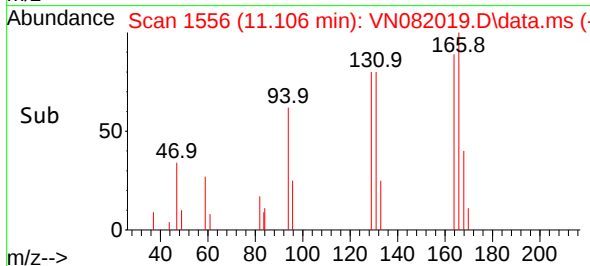
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



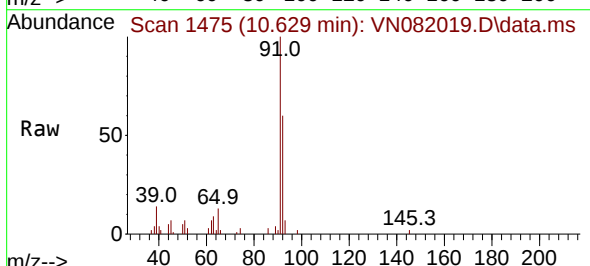
Tgt Ion:164 Resp: 4399
Ion Ratio Lower Upper
164 100
166 112.2 106.7 160.1
129 90.2 85.8 128.6
131 89.2 79.1 118.7

Manual Integrations
APPROVED

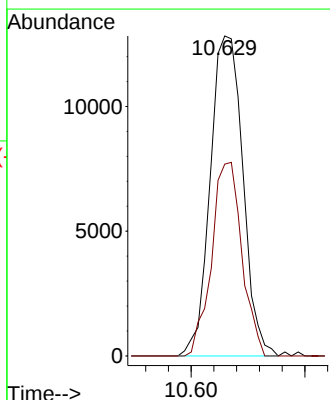
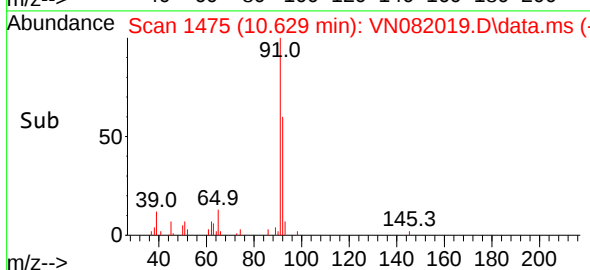
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

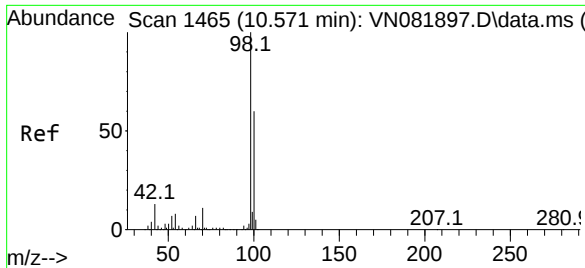


#62
Toluene
Concen: 2.797 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59



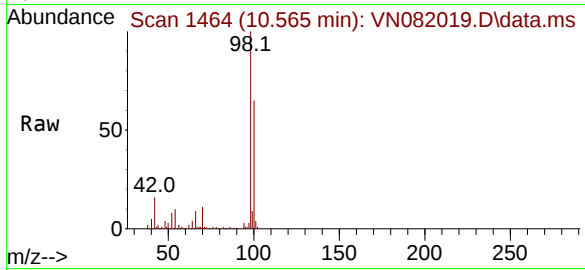
Tgt Ion: 91 Resp: 25580
Ion Ratio Lower Upper
91 100
92 56.1 46.5 69.7





#63
Toluene-d8
Concen: 30.358 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

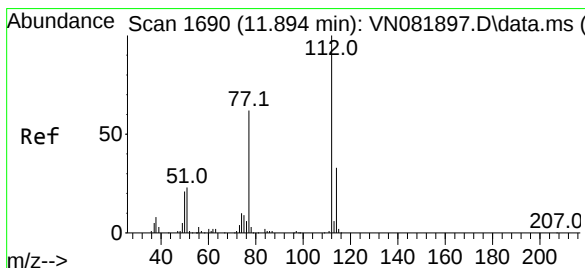
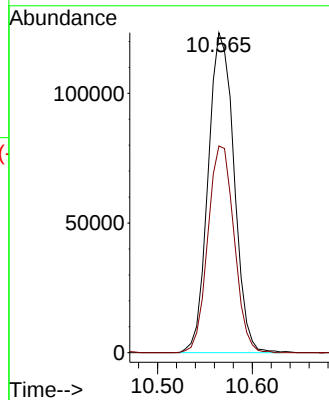
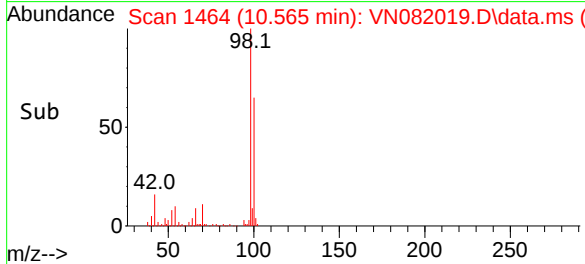
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



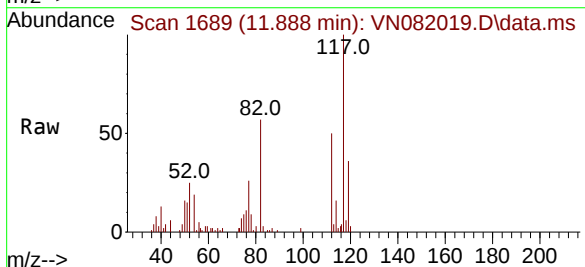
Tgt Ion: 98 Resp: 23436
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1

Manual Integrations
APPROVED

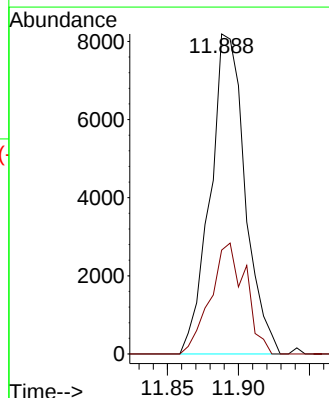
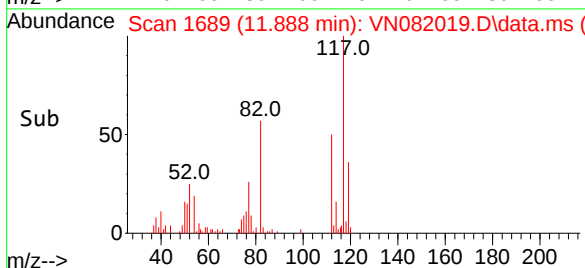
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024

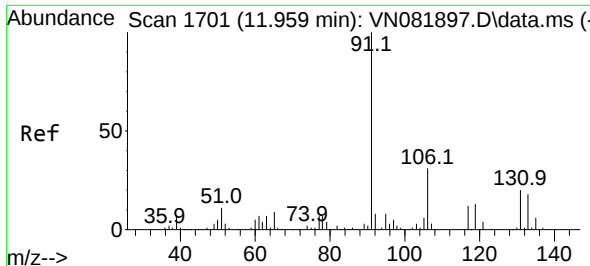


#64
Chlorobenzene
Concen: 2.497 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59



Tgt Ion:112 Resp: 13970
Ion Ratio Lower Upper
112 100
114 32.5 26.6 39.8





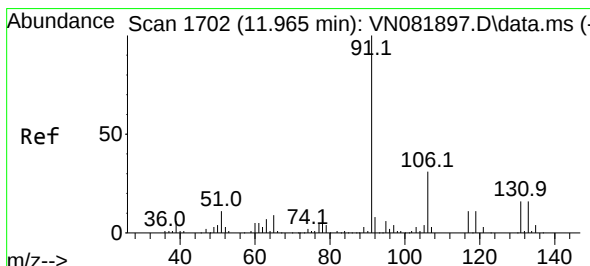
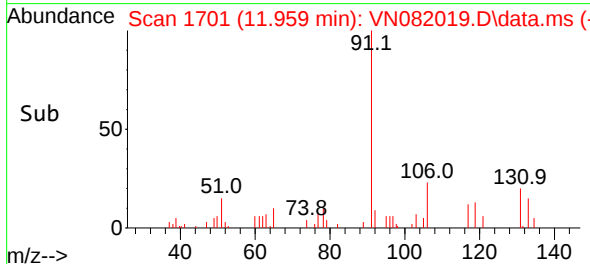
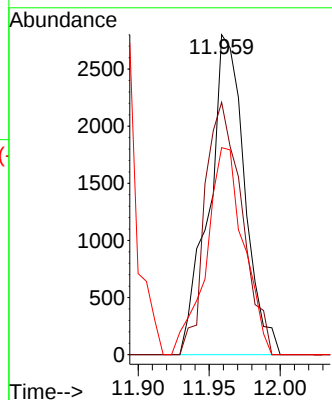
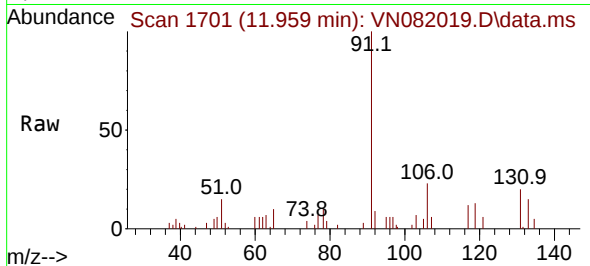
#65
1,1,1,2-Tetrachloroethane
Concen: 2.666 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:131 Resp: 488
Ion Ratio Lower Upper
131 100
133 81.7 0.0 188.0
119 68.0 0.0 122.8

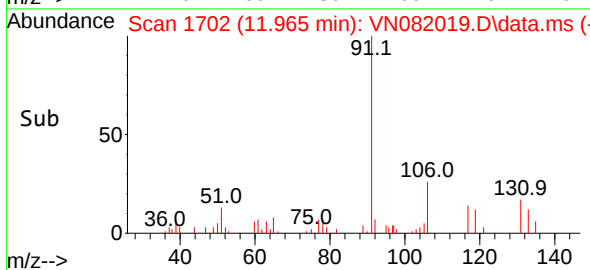
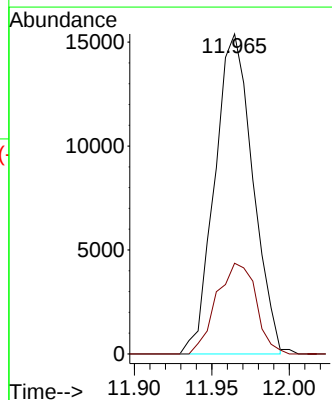
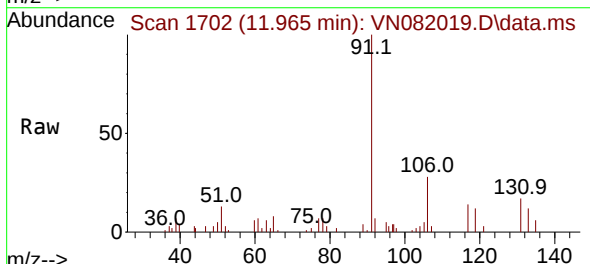
Manual Integrations
APPROVED

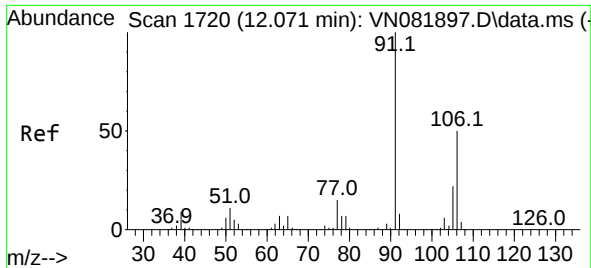
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#66
Ethyl Benzene
Concen: 2.618 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Tgt Ion: 91 Resp: 26244
Ion Ratio Lower Upper
91 100
106 28.4 24.4 36.6





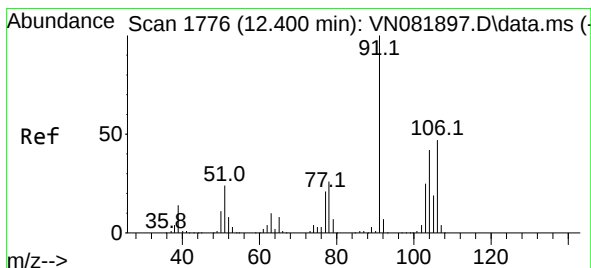
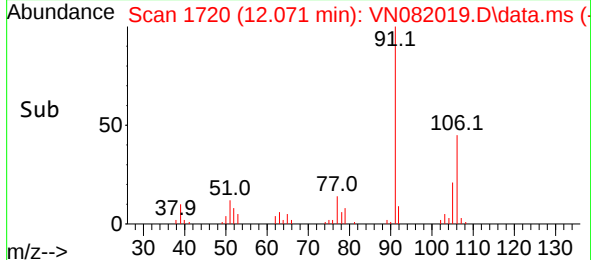
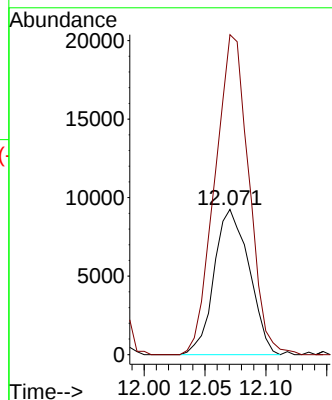
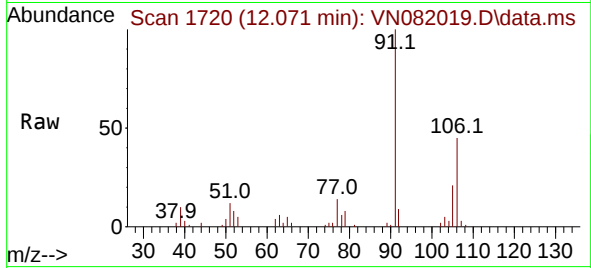
#67
m/p-Xylenes
Concen: 4.992 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:106 Resp: 1855
Ion Ratio Lower Upper
106 100
91 213.2 166.6 249.8

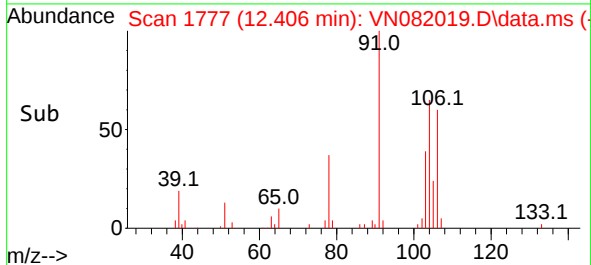
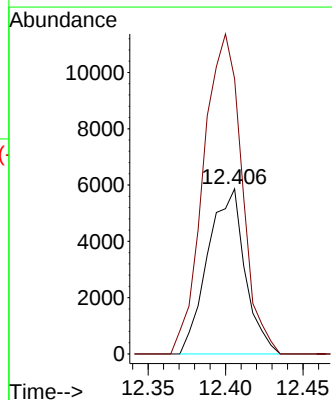
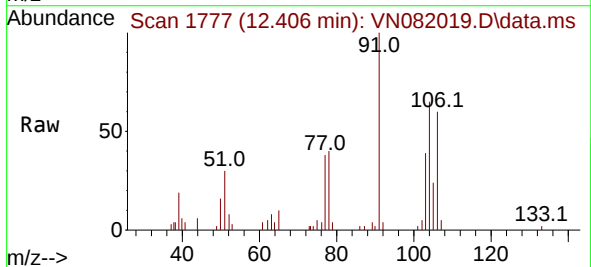
Manual Integrations
APPROVED

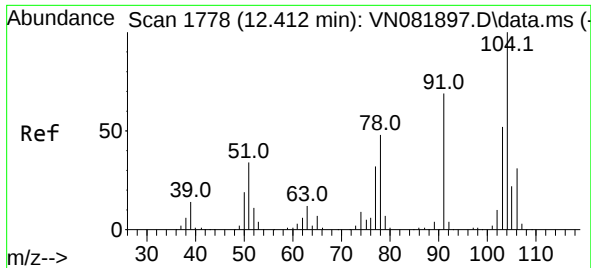
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#68
o-Xylene
Concen: 2.661 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Tgt Ion:106 Resp: 9787
Ion Ratio Lower Upper
106 100
91 200.5 110.0 330.0





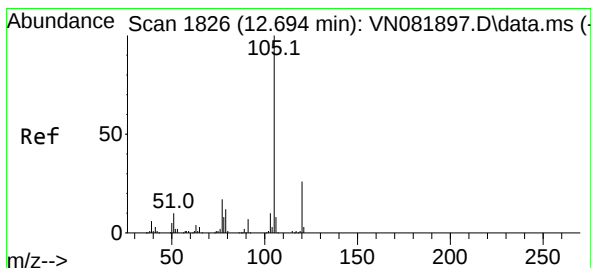
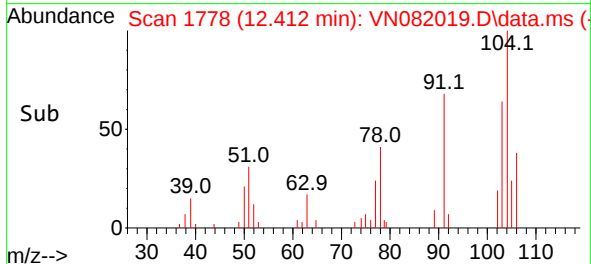
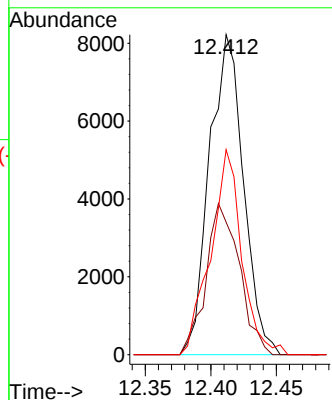
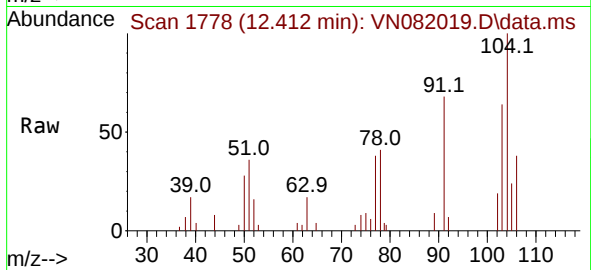
#69
Styrene
Concen: 2.402 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:104 Resp: 14832
Ion Ratio Lower Upper
104 100
78 46.4 42.6 64.0
103 58.6 43.7 65.5

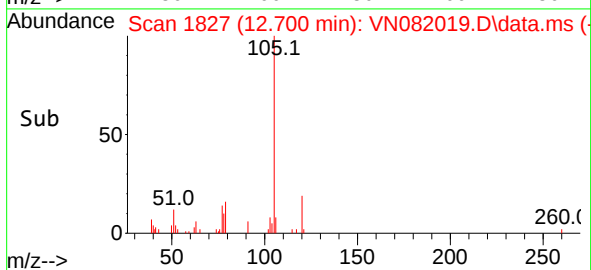
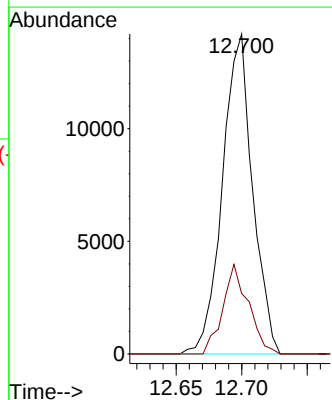
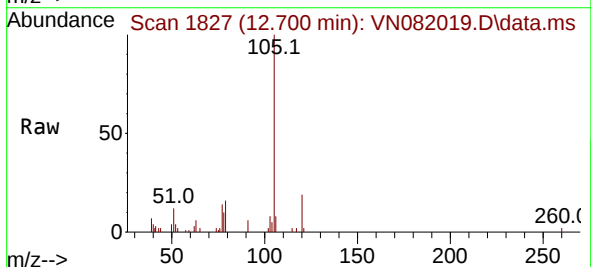
Manual Integrations
APPROVED

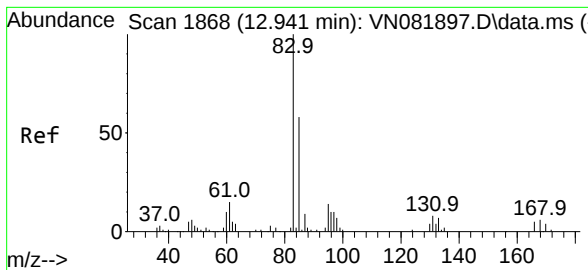
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#70
Isopropylbenzene
Concen: 2.429 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

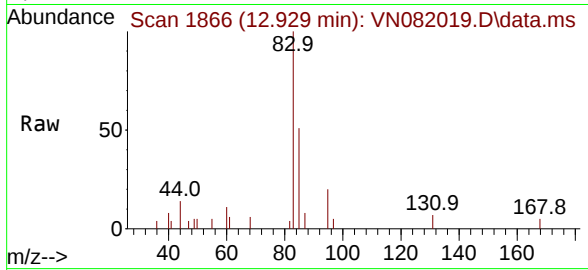
Tgt Ion:105 Resp: 22683
Ion Ratio Lower Upper
105 100
120 23.8 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 2.672 ug/l
RT: 12.929 min Scan# 1866
Delta R.T. -0.012 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

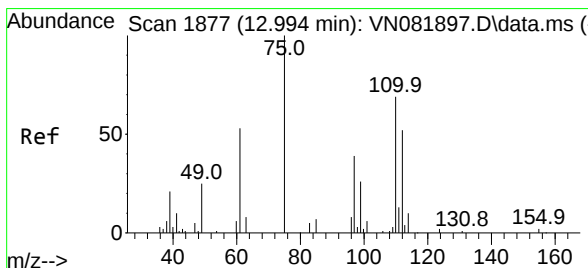
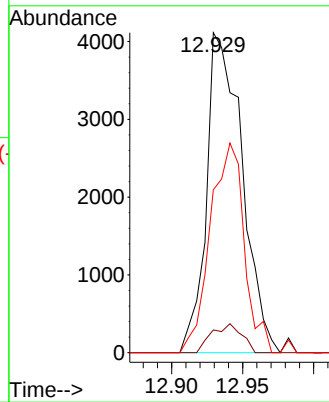
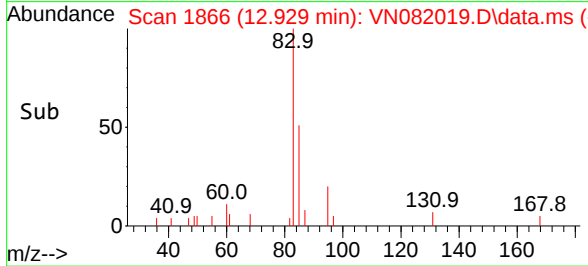
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 83 Resp: 718
Ion Ratio Lower Upper
83 100
131 7.6 5.2 15.6
85 62.2 32.3 96.8

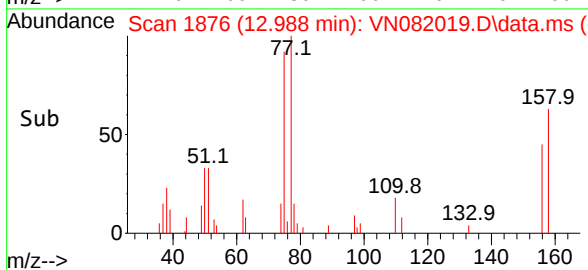
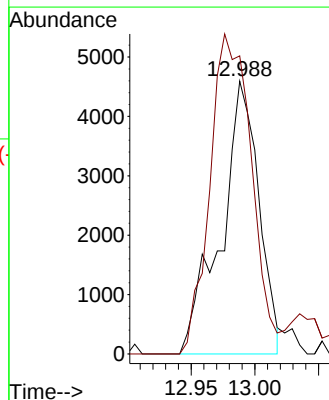
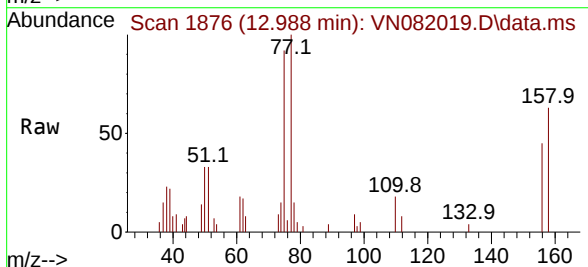
Manual Integrations
APPROVED

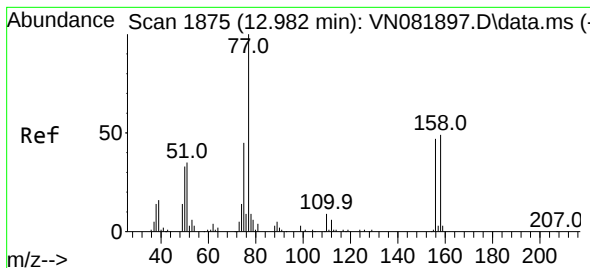
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#72
1,2,3-Trichloropropane
Concen: 3.788 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Tgt Ion: 75 Resp: 9520
Ion Ratio Lower Upper
75 100
77 128.0 0.0 367.6





#73

Bromobenzene

Concen: 2.288 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN082019.D

Acq: 07 May 2024 11:59

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

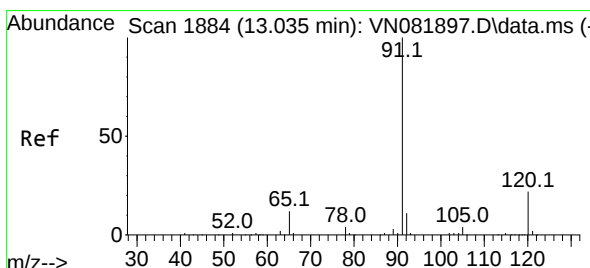
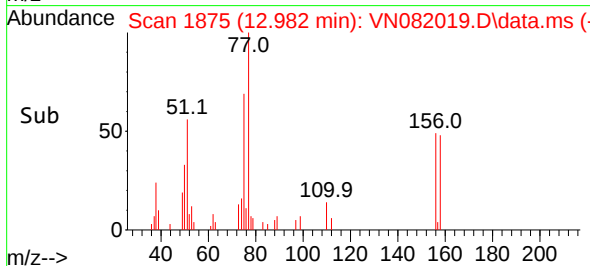
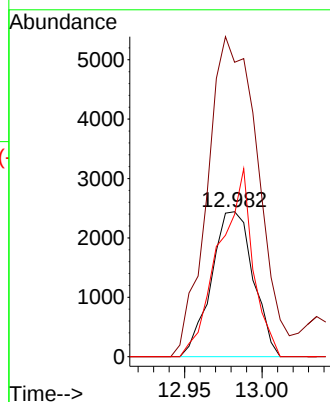
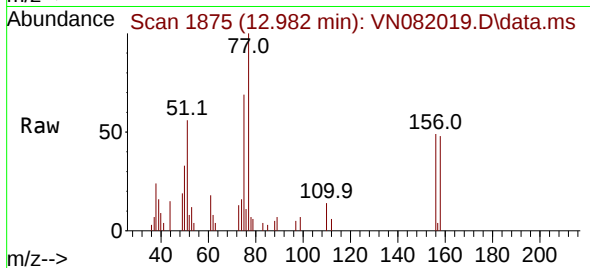
Tgt Ion:	156	Resp:	4574
Ion Ratio	Lower	Upper	
156	100		
77	266.4	0.0	437.6
158	105.7	0.0	203.8

Manual Integrations

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Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#74

n-propylbenzene

Concen: 2.400 ug/l

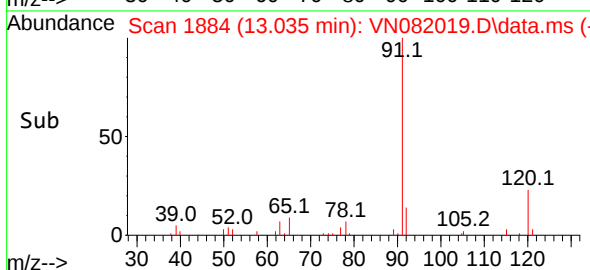
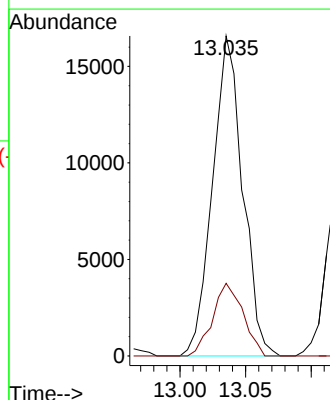
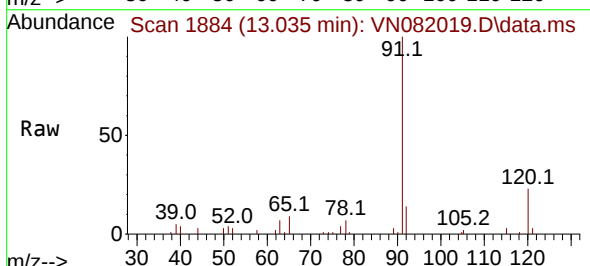
RT: 13.035 min Scan# 1884

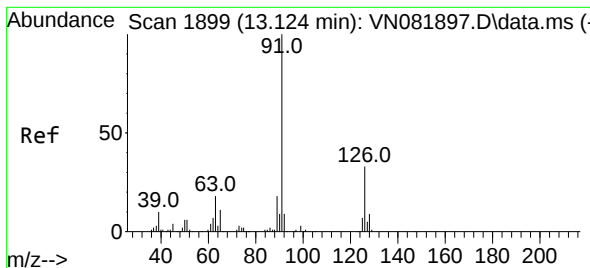
Delta R.T. -0.000 min

Lab File: VN082019.D

Acq: 07 May 2024 11:59

Tgt Ion:	91	Resp:	26445
Ion Ratio	Lower	Upper	
91	100		
120	22.9	0.0	43.8





#75

2-Chlorotoluene

Concen: 2.610 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN082019.D

Acq: 07 May 2024 11:59

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 91 Resp: 1779

Ion Ratio Lower Upper

91 100

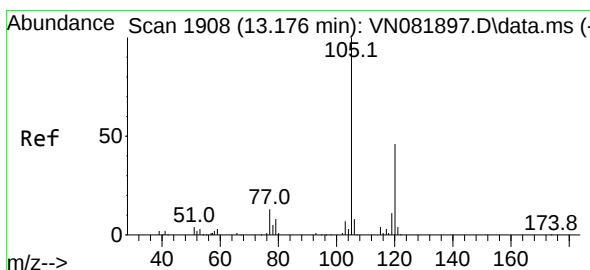
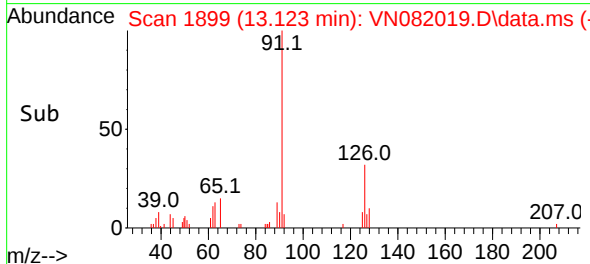
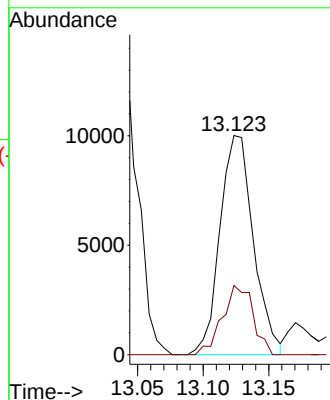
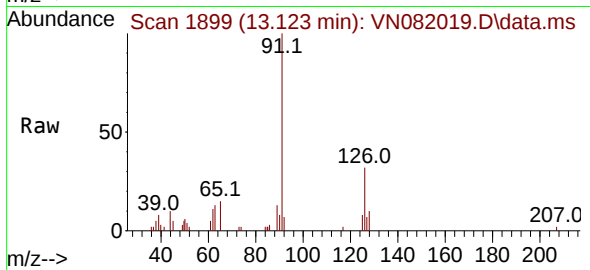
126 28.9 0.0 61.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#76

1,3,5-Trimethylbenzene

Concen: 2.238 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN082019.D

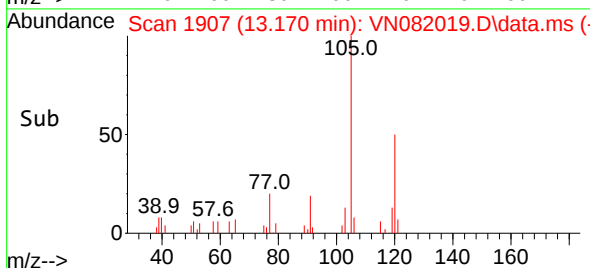
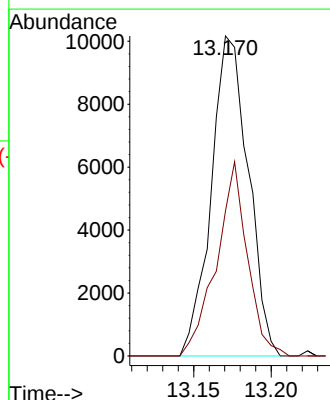
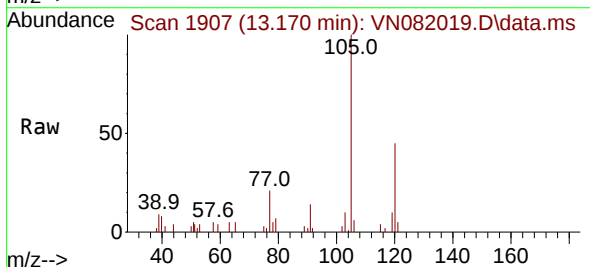
Acq: 07 May 2024 11:59

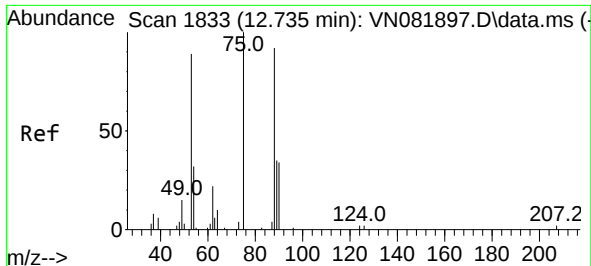
Tgt Ion:105 Resp: 16922

Ion Ratio Lower Upper

105 100

120 50.7 0.0 95.8





#77

t-1,4-Dichloro-2-butene

Concen: 2.305 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN082019.D

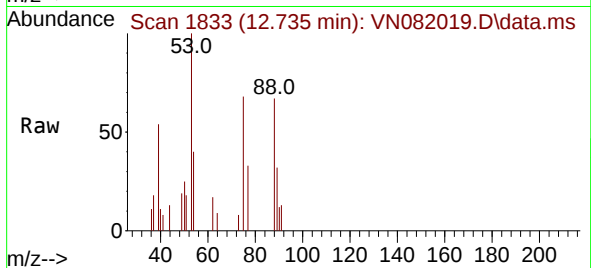
Acq: 07 May 2024 11:59

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



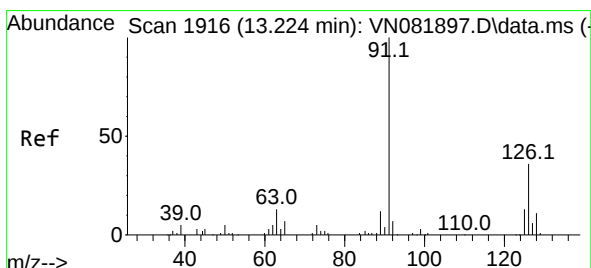
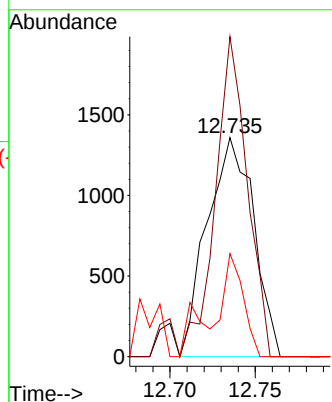
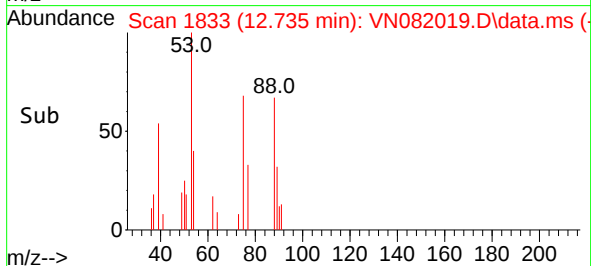
Tgt Ion:	75	Resp:	2578
Ion Ratio	100	Lower	Upper
75	100		
53	146.1	45.9	137.7
89	47.0	25.9	77.7

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#78

4-Chlorotoluene

Concen: 2.524 ug/l

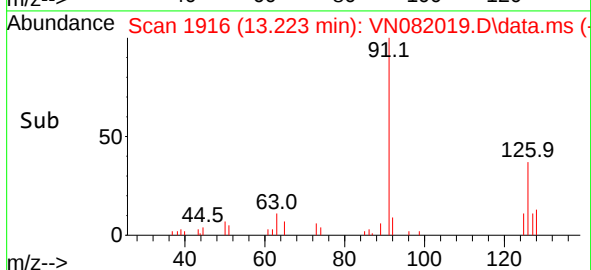
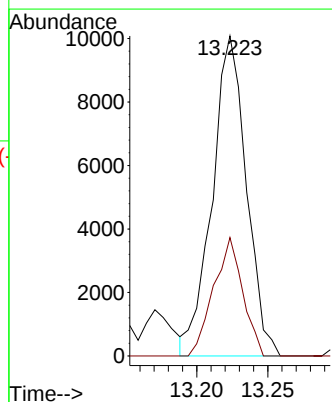
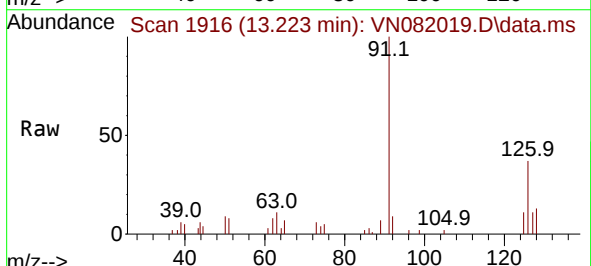
RT: 13.223 min Scan# 1916

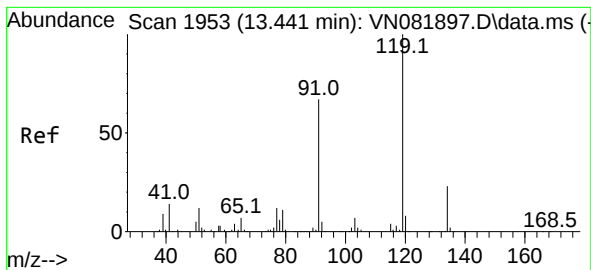
Delta R.T. -0.000 min

Lab File: VN082019.D

Acq: 07 May 2024 11:59

Tgt Ion:	91	Resp:	16858
Ion Ratio	100	Lower	Upper
91	100		
126	31.5	0.0	62.8





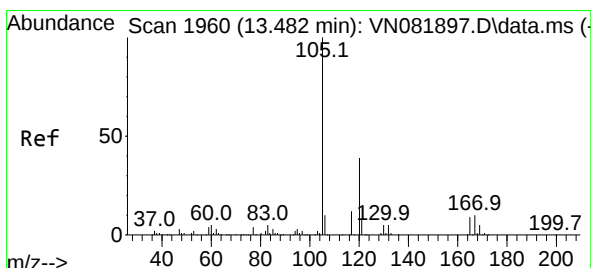
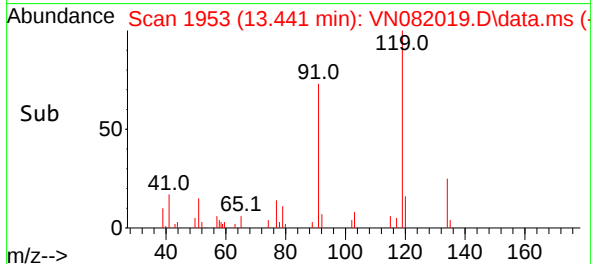
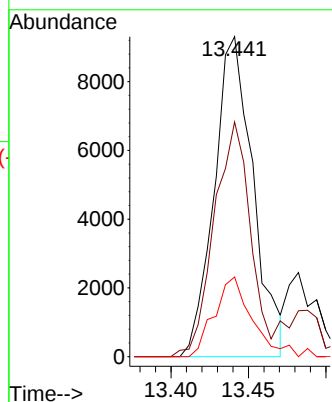
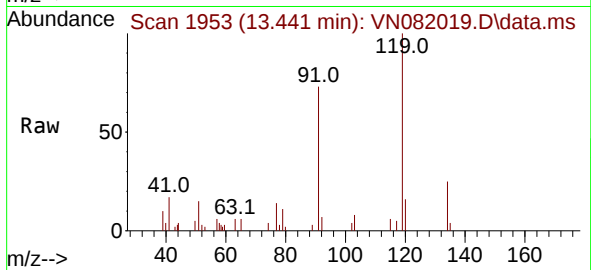
#79
tert-butylbenzene
Concen: 2.500 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:119 Resp: 16271
Ion Ratio Lower Upper
119 100
91 67.9 0.0 138.8
134 23.2 0.0 48.6

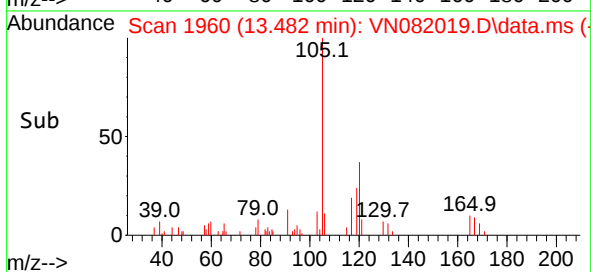
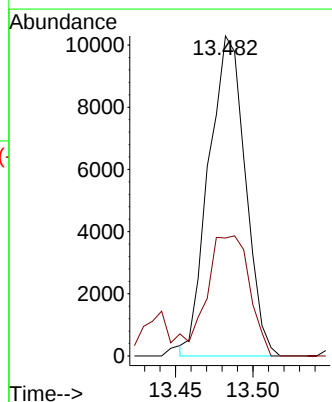
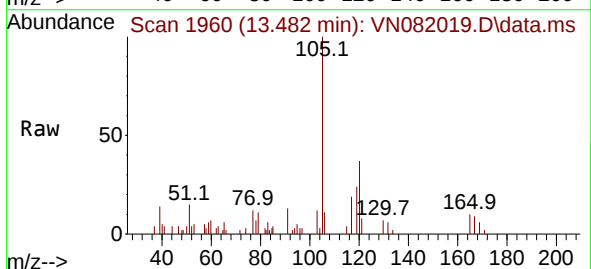
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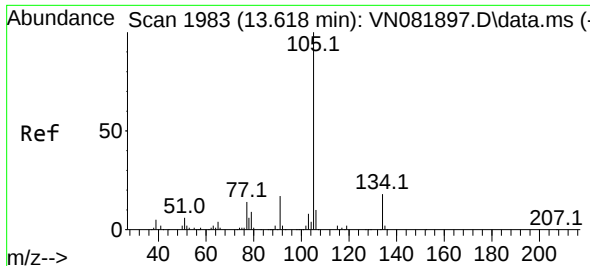
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#80
1,2,4-Trimethylbenzene
Concen: 2.222 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Tgt Ion:105 Resp: 16877
Ion Ratio Lower Upper
105 100
120 42.6 0.0 86.8





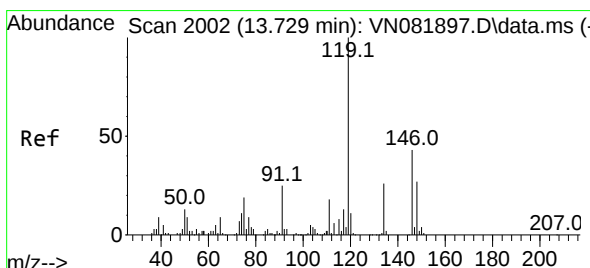
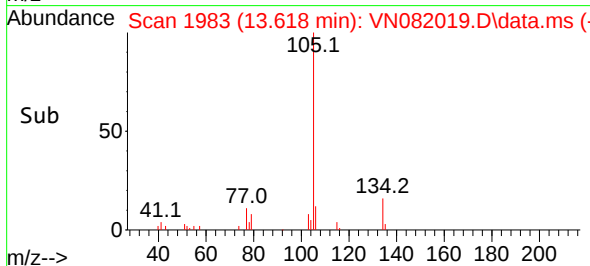
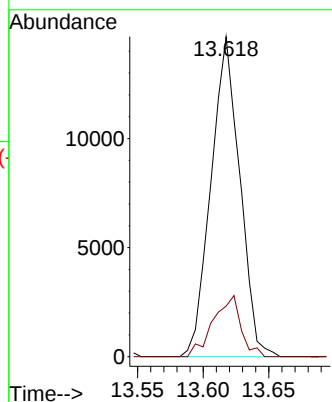
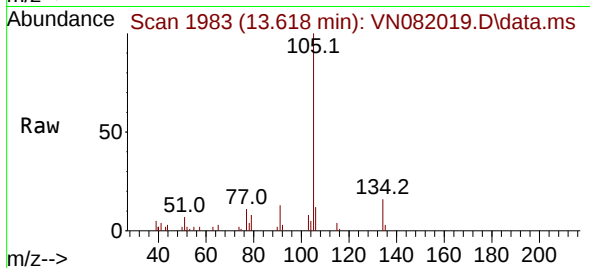
#81
 sec-Butylbenzene
 Concen: 2.457 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082019.D
 Acq: 07 May 2024 11:59

Instrument : MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Tgt Ion:105 Resp: 22420
 Ion Ratio Lower Upper
 105 100
 134 18.3 0.0 39.0

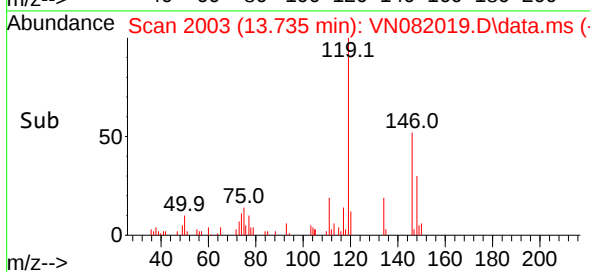
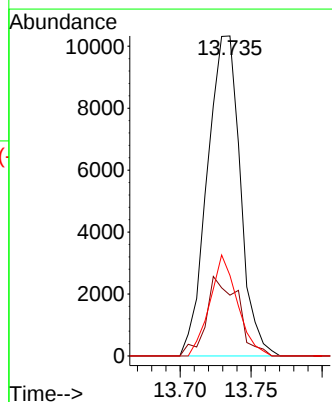
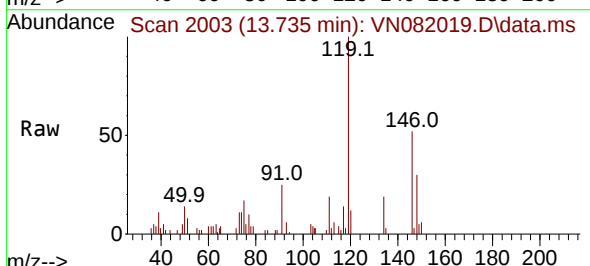
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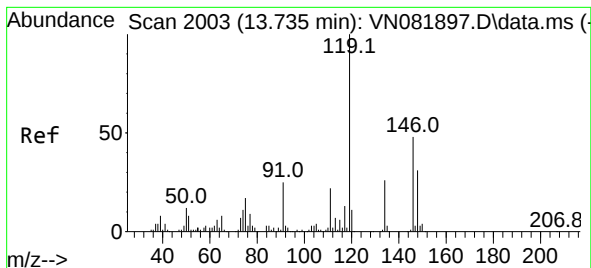
Reviewed By :John Carlone 05/08/2024
 Supervised By :Mahesh Dadoda 05/08/2024



#82
 p-Isopropyltoluene
 Concen: 2.312 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN082019.D
 Acq: 07 May 2024 11:59

Tgt Ion:119 Resp: 16680
 Ion Ratio Lower Upper
 119 100
 134 17.6 0.0 49.2
 91 26.5 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 2.377 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN082019.D

Acq: 07 May 2024 11:59

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

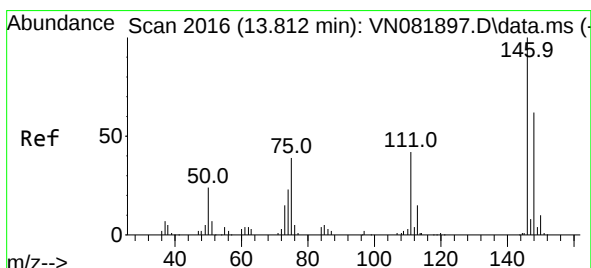
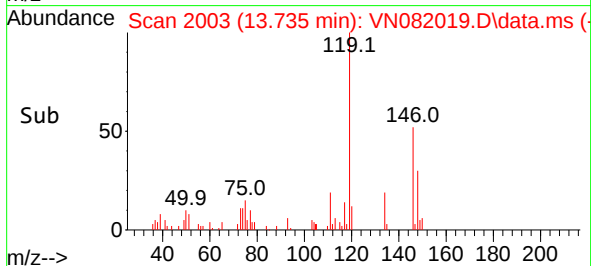
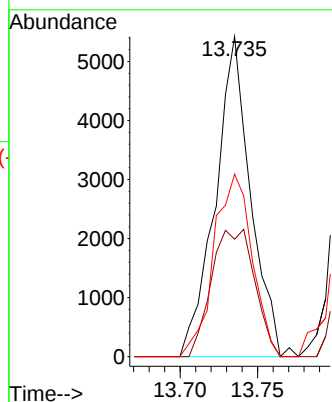
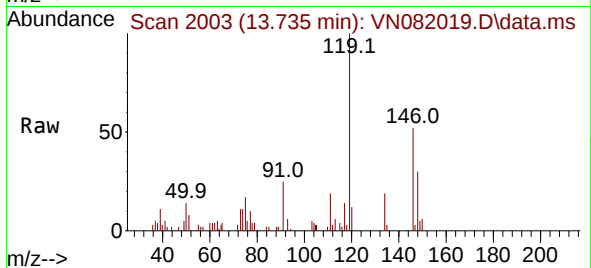
Tgt Ion:146	Resp:	8550
Ion Ratio	Lower	Upper
146	100	
111	48.8	22.4 67.0
148	61.7	32.1 96.5

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: 2.428 ug/l

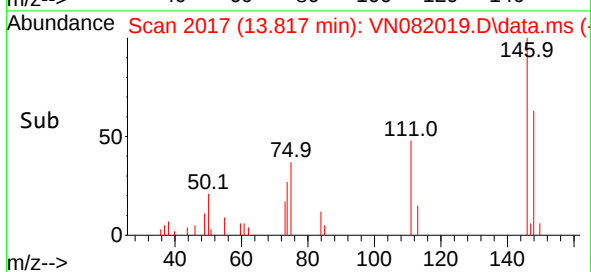
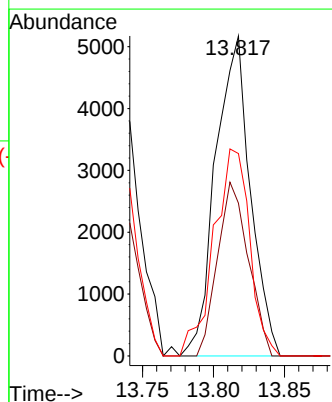
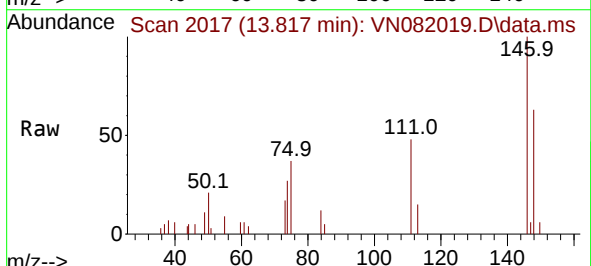
RT: 13.817 min Scan# 2017

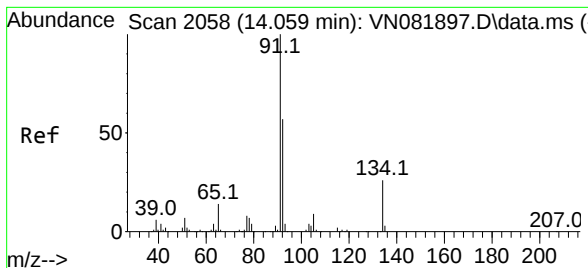
Delta R.T. 0.006 min

Lab File: VN082019.D

Acq: 07 May 2024 11:59

Tgt Ion:146	Resp:	8786
Ion Ratio	Lower	Upper
146	100	
111	48.3	21.3 63.9
148	63.1	31.9 95.5





#85

n-Butylbenzene

Concen: 2.407 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082019.D

Acq: 07 May 2024 11:59

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

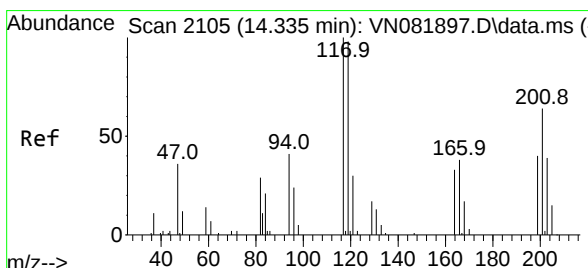
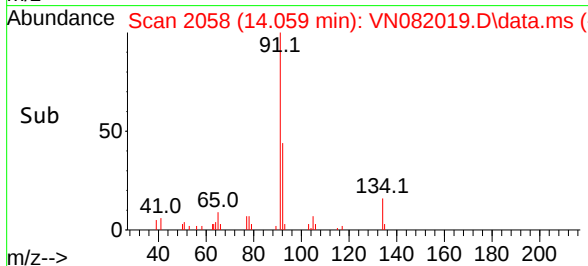
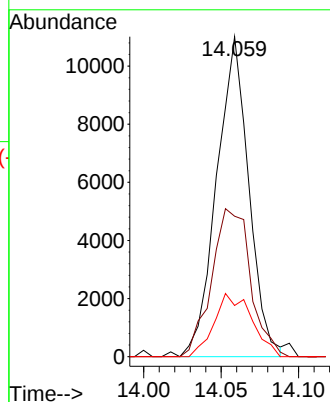
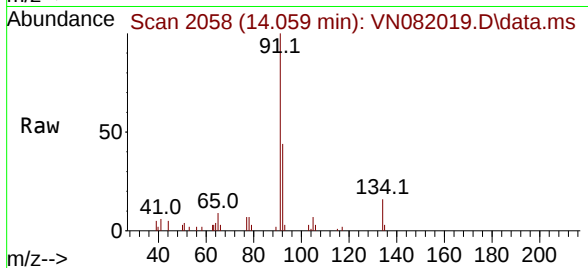
Tgt Ion:	91	Resp:	1586
Ion Ratio	Lower	Upper	
91	100		
92	56.0	0.0	105.0
134	23.2	0.0	51.8

Manual Integrations

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Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#86

Hexachloroethane

Concen: 2.349 ug/l

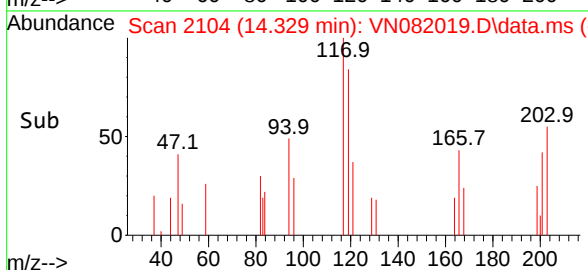
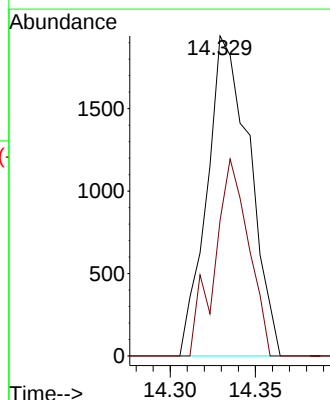
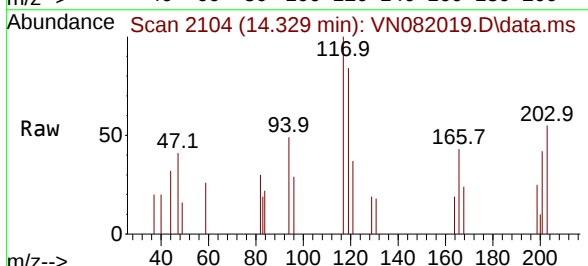
RT: 14.329 min Scan# 2104

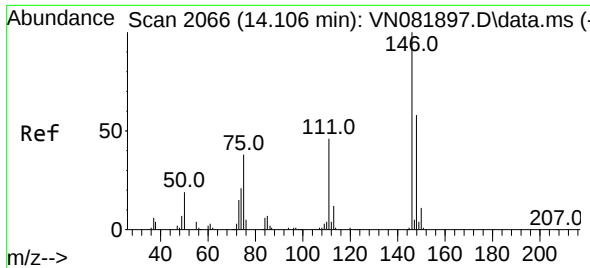
Delta R.T. -0.006 min

Lab File: VN082019.D

Acq: 07 May 2024 11:59

Tgt Ion:	117	Resp:	3379
Ion Ratio	Lower	Upper	
117	100		
201	49.3	38.0	114.0





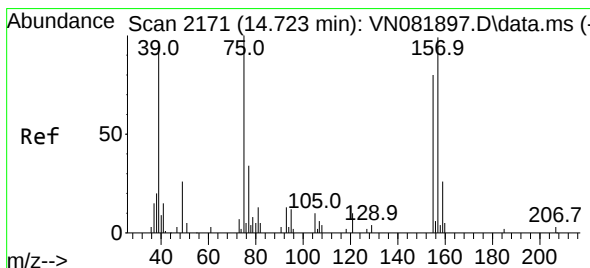
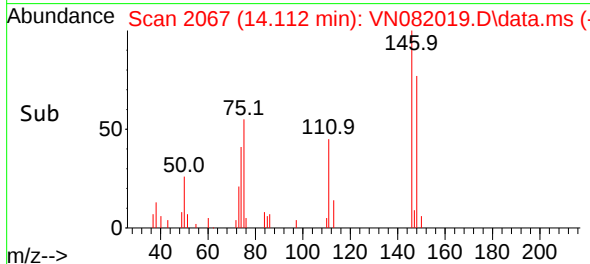
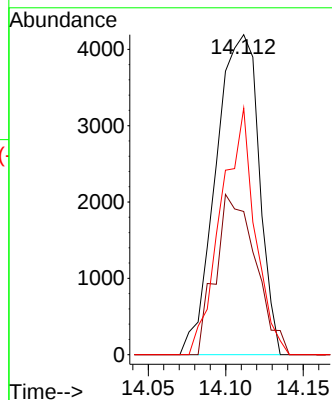
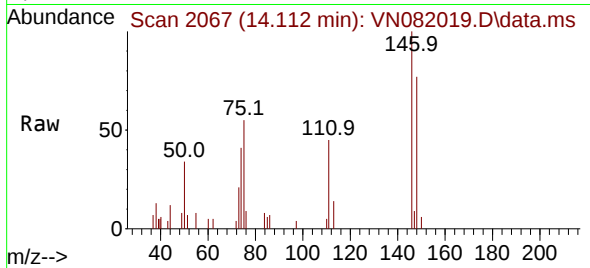
#87
1,2-Dichlorobenzene
Concen: 2.258 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:146 Resp: 809
Ion Ratio Lower Upper
146 100
111 46.6 22.6 67.8
148 61.3 31.3 93.8

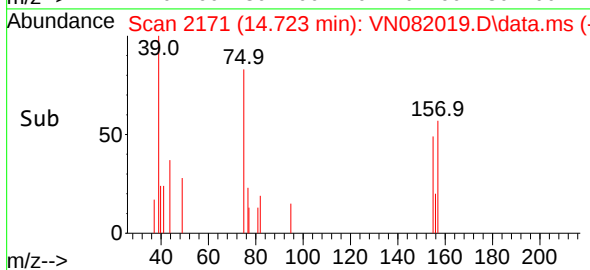
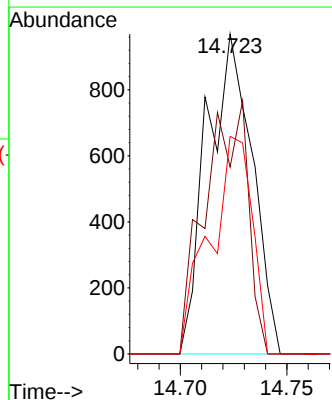
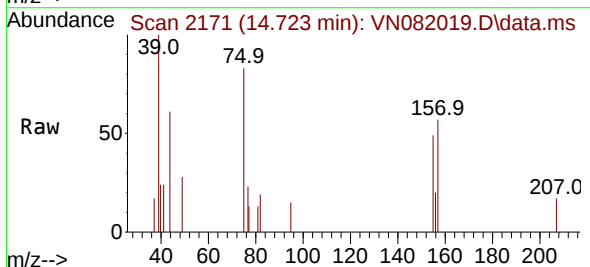
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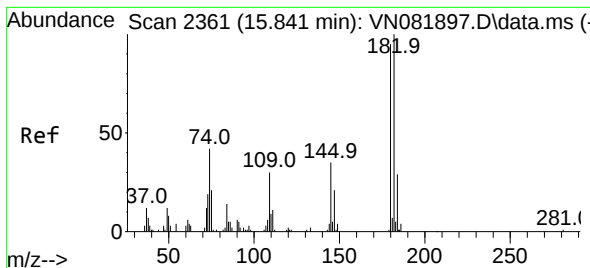
Reviewed By :John Carlone 05/08/2024
Supervised By :Mahesh Dadoda 05/08/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 2.384 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN082019.D
Acq: 07 May 2024 11:59

Tgt Ion: 75 Resp: 1438
Ion Ratio Lower Upper
75 100
155 74.2 61.7 92.5
157 40.5 83.6 125.4#





#89

1,2,4-Trichlorobenzene

Concen: 2.139 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082019.D

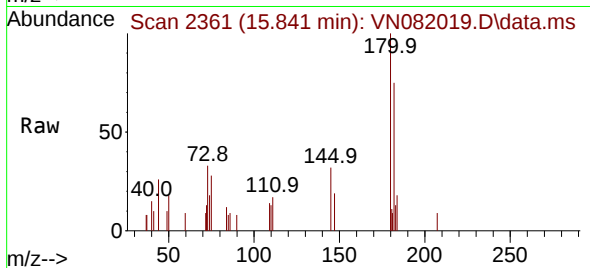
Acq: 07 May 2024 11:59

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



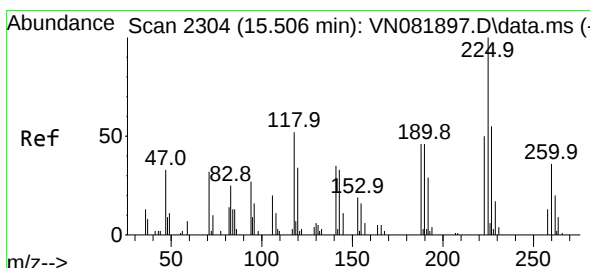
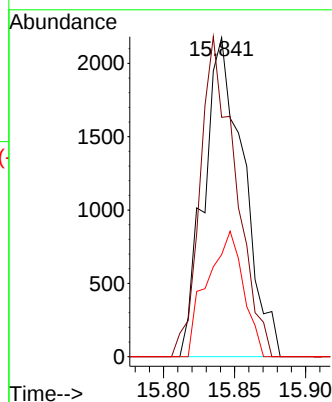
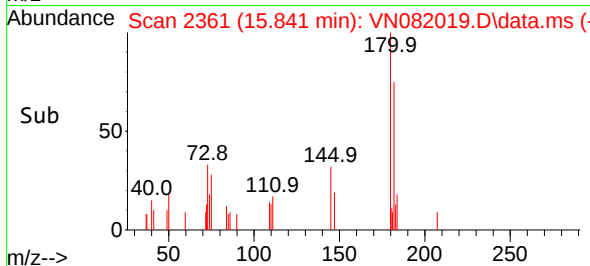
Tgt Ion:	180	Resp:	422
Ion Ratio	Lower	Upper	
180	100		
182	89.6	76.4	114.6
145	35.9	28.4	42.6

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Supervised By :Mahesh Dadoda 05/08/2024



#90

Hexachlorobutadiene

Concen: 2.244 ug/l m

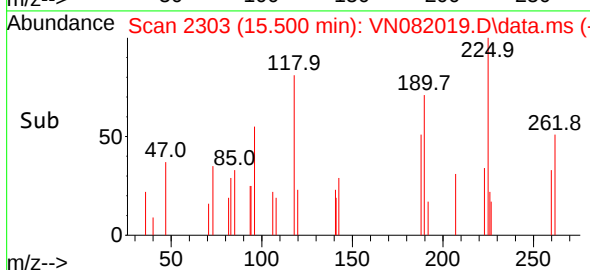
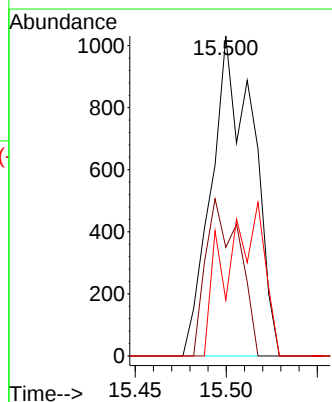
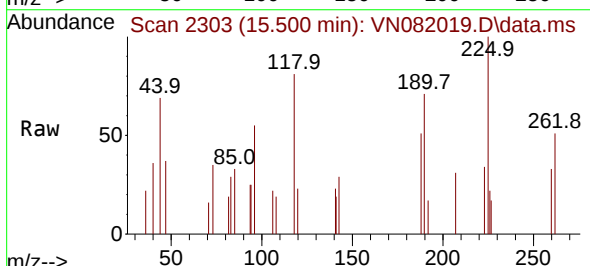
RT: 15.500 min Scan# 2303

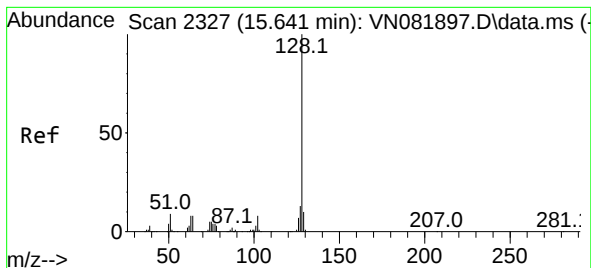
Delta R.T. -0.006 min

Lab File: VN082019.D

Acq: 07 May 2024 11:59

Tgt Ion:	225	Resp:	1641
Ion Ratio	Lower	Upper	
225	100		
223	39.1	0.0	126.6
227	43.9	0.0	126.6





#91

Naphthalene

Concen: 1.859 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082019.D

Acq: 07 May 2024 11:59

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

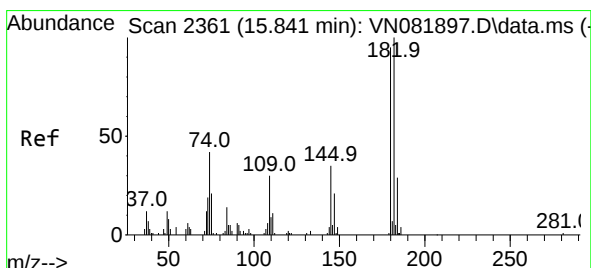
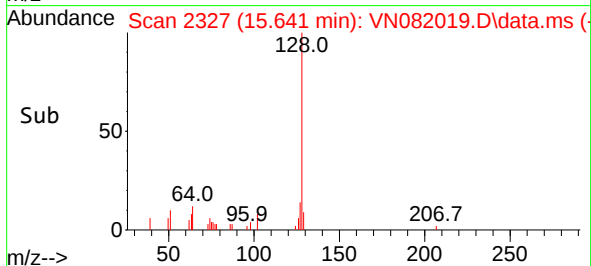
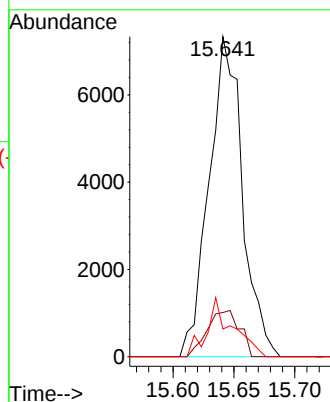
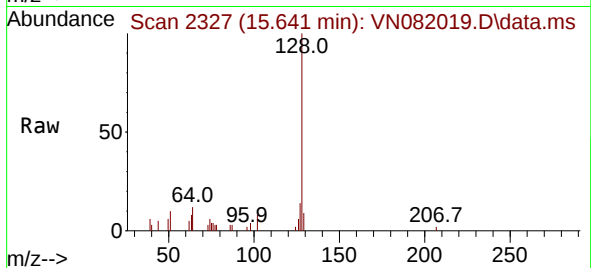
Tgt Ion:	128	Resp:	13950
Ion Ratio	Lower	Upper	
128	100		
127	14.1	10.6	16.0
129	4.8	8.6	13.0

Manual Integrations

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Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#92

1,2,3-Trichlorobenzene

Concen: 2.139 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082019.D

Acq: 07 May 2024 11:59

Tgt Ion:	180	Resp:	4223
Ion Ratio	Lower	Upper	
180	100		
182	89.6	0.0	191.0
145	35.9	0.0	71.0

