

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080800.D
 Acq On : 29 Jan 2024 18:53
 Operator : JC\MD
 Sample : P1187-07 0.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

Quant Time: Jan 30 02:05:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 02:03:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/30/2024
 Supervised By : Mahesh Dadoda 01/30/2024

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	113438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	228463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	192779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	66902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	96237	49.039	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.080%		
35) Dibromofluoromethane	8.165	113	63860	45.688	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.380%		
50) Toluene-d8	10.570	98	254318	46.487	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.980%		
62) 4-Bromofluorobenzene	12.853	95	82254	43.147	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.300%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	747	0.443	ug/l	90
3) Chloromethane	2.365	50	2894	1.143	ug/l #	74
4) Vinyl Chloride	2.518	62	859	0.446	ug/l #	53
5) Bromomethane	2.965	94	738	0.958	ug/l #	56
6) Chloroethane	3.106	64	1035m	1.008	ug/l	
7) Trichlorofluoromethane	3.489	101	1127m	0.452	ug/l	
8) Diethyl Ether	3.971	74	230	0.200	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	4.347	101	811m	0.558	ug/l	
10) Methyl Iodide	4.589	142	395	0.322	ug/l #	39
11) Tert butyl alcohol	5.512	59	763m	2.385	ug/l	
12) 1,1-Dichloroethene	4.330	96	755	0.474	ug/l #	43
13) Acrolein	4.189	56	1569m	3.889	ug/l	
14) Allyl chloride	4.989	41	1711m	0.544	ug/l	
15) Acrylonitrile	5.718	53	1886	1.960	ug/l #	71
16) Acetone	4.430	43	2875m	4.039	ug/l	
17) Carbon Disulfide	4.730	76	2463m	0.497	ug/l	
18) Methyl Acetate	5.030	43	2656m	1.071	ug/l	
19) Methyl tert-butyl Ether	5.777	73	2666m	0.475	ug/l	
20) Methylene Chloride	5.288	84	879	0.470	ug/l	93
21) trans-1,2-Dichloroethene	5.788	96	576	0.333	ug/l #	77
22) Diisopropyl ether	6.671	45	3753	0.540	ug/l #	69
23) Vinyl Acetate	6.600	43	10970	2.183	ug/l #	87
24) 1,1-Dichloroethane	6.565	63	2025	0.575	ug/l #	85
25) 2-Butanone	7.494	43	3969	2.936	ug/l #	81
26) 2,2-Dichloropropane	7.500	77	1298	0.456	ug/l #	53
27) cis-1,2-Dichloroethene	7.482	96	1019	0.509	ug/l	83
28) Bromochloromethane	7.824	49	679	0.364	ug/l #	83
29) Tetrahydrofuran	7.847	42	2496	2.729	ug/l #	69
30) Chloroform	7.965	83	1291	0.395	ug/l #	78
31) Cyclohexane	8.224	56	5903m	1.754	ug/l	
32) 1,1,1-Trichloroethane	8.177	97	1692m	0.638	ug/l	
36) 1,1-Dichloropropene	8.371	75	1277	0.492	ug/l #	62
37) Ethyl Acetate	7.571	43	1732m	0.648	ug/l	
38) Carbon Tetrachloride	8.365	117	662m	0.316	ug/l	
39) Methylcyclohexane	9.606	83	1280	0.496	ug/l #	72
40) Benzene	8.606	78	4121	0.540	ug/l #	76

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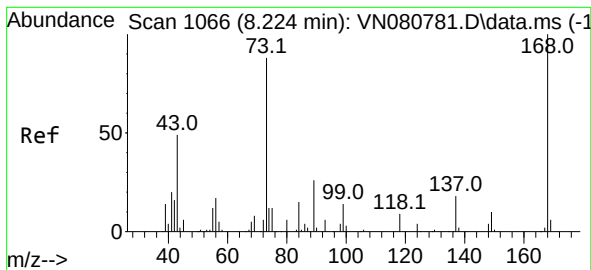
Quant Time: Jan 30 02:05:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
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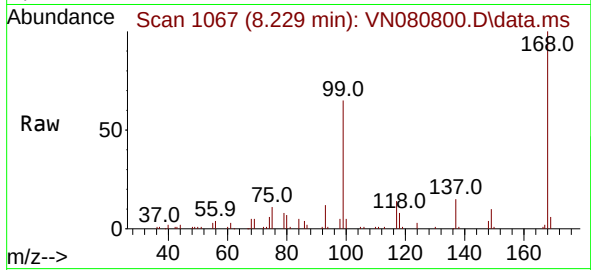
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	494m	0.313	ug/l	
42) 1,2-Dichloroethane	8.671	62	1354	0.544	ug/l	91
43) Isopropyl Acetate	8.688	43	2979	0.612	ug/l #	78
44) Trichloroethene	9.359	130	1079	0.642	ug/l	1
45) 1,2-Dichloropropane	9.623	63	1172	0.567	ug/l #	34
46) Dibromomethane	9.712	93	447	0.365	ug/l #	73
47) Bromodichloromethane	9.882	83	1252	0.503	ug/l #	69
48) Methyl methacrylate	9.688	41	1719	0.728	ug/l #	81
49) 1,4-Dioxane	9.700	88	216	7.597	ug/l #	18
51) 4-Methyl-2-Pentanone	10.453	43	5915	2.173	ug/l	96
52) Toluene	10.635	92	2294	0.524	ug/l	80
53) t-1,3-Dichloropropene	10.835	75	1087	0.375	ug/l #	72
54) cis-1,3-Dichloropropene	10.318	75	1574m	0.500	ug/l	
55) 1,1,2-Trichloroethane	11.012	97	915	0.544	ug/l #	27
56) Ethyl methacrylate	10.882	69	794	0.307	ug/l #	55
57) 1,3-Dichloropropane	11.165	76	1486	0.469	ug/l #	85
58) 2-Chloroethyl Vinyl ether	10.165	63	2996	1.987	ug/l	93
59) 2-Hexanone	11.200	43	4310	2.038	ug/l	89
60) Dibromochloromethane	11.359	129	400	0.256	ug/l	100
61) 1,2-Dibromoethane	11.459	107	667m	0.423	ug/l	
64) Tetrachloroethene	11.100	164	348	0.275	ug/l #	58
65) Chlorobenzene	11.894	112	1547	0.368	ug/l #	52
66) 1,1,1,2-Tetrachloroethane	11.959	131	305	0.223	ug/l #	1
67) Ethyl Benzene	11.970	91	3383	0.433	ug/l	90
68) m/p-Xylenes	12.065	106	2992	1.077	ug/l	90
69) o-Xylene	12.406	106	1293	0.469	ug/l	87
70) Styrene	12.412	104	1864	0.421	ug/l #	81
71) Bromoform	12.570	173	554	0.599	ug/l #	67
73) Isopropylbenzene	12.700	105	2396	0.391	ug/l	95
74) N-amyl acetate	12.494	43	1802	0.474	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	1011	0.469	ug/l #	70
76) 1,2,3-Trichloropropane	12.988	75	744m	0.369	ug/l	
77) Bromobenzene	12.982	156	517	0.395	ug/l	68
78) n-propylbenzene	13.041	91	3164	0.432	ug/l	91
79) 2-Chlorotoluene	13.123	91	2497	0.537	ug/l	79
80) 1,3,5-Trimethylbenzene	13.170	105	2240	0.459	ug/l	83
82) 4-Chlorotoluene	13.223	91	2271	0.493	ug/l	87
83) tert-Butylbenzene	13.441	119	2198	0.564	ug/l	80
84) 1,2,4-Trimethylbenzene	13.482	105	2159	0.437	ug/l	98
85) sec-Butylbenzene	13.629	105	2575	0.448	ug/l	87
86) p-Isopropyltoluene	13.729	119	1559	0.349	ug/l	86
87) 1,3-Dichlorobenzene	13.735	146	1121	0.479	ug/l	76
88) 1,4-Dichlorobenzene	13.811	146	1284m	0.547	ug/l	
89) n-Butylbenzene	14.058	91	1833	0.420	ug/l	90
90) Hexachloroethane	14.341	117	278	0.356	ug/l #	54
91) 1,2-Dichlorobenzene	14.094	146	854m	0.398	ug/l	
93) 1,2,4-Trichlorobenzene	15.400	180	225m	0.204	ug/l	
95) Naphthalene	15.635	128	1582	0.375	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.847	180	267	0.246	ug/l #	11

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

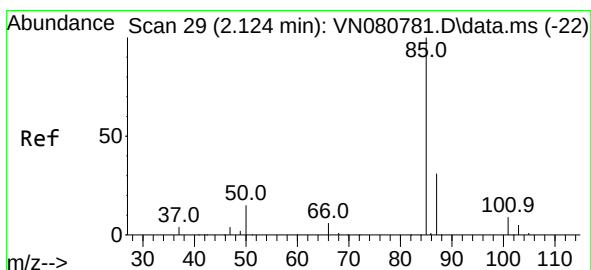
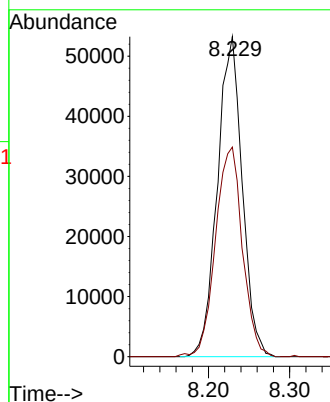
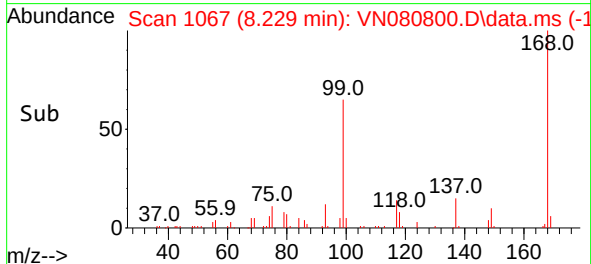
Instrument :
MSVOA_N
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LOD-MDL-WATER-01-QT1-2024



Tgt Ion:168 Resp: 113438
Ion Ratio Lower Upper
168 100
99 65.5 59.9 89.9

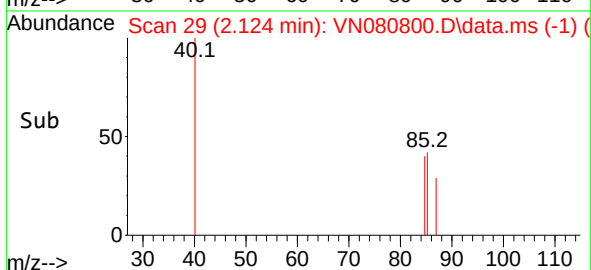
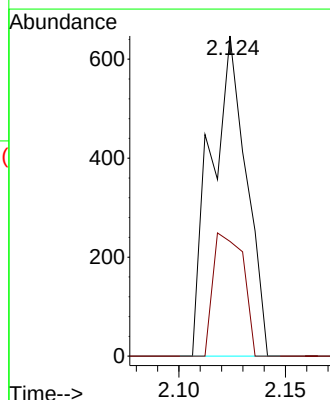
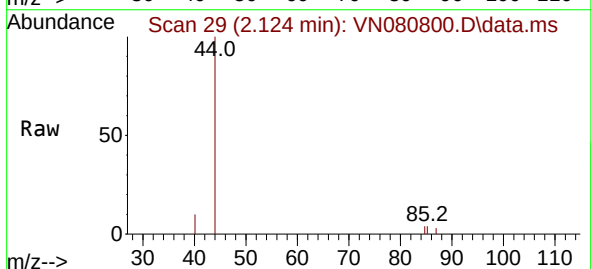
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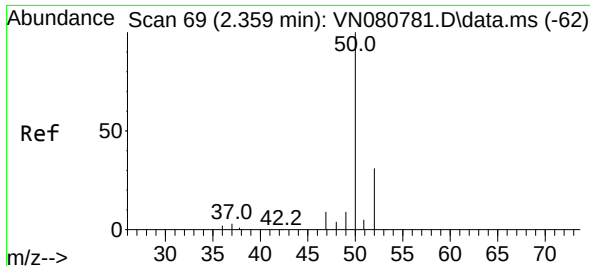
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#2
Dichlorodifluoromethane
Concen: 0.443 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

Tgt Ion: 85 Resp: 747
Ion Ratio Lower Upper
85 100
87 35.9 15.3 45.9





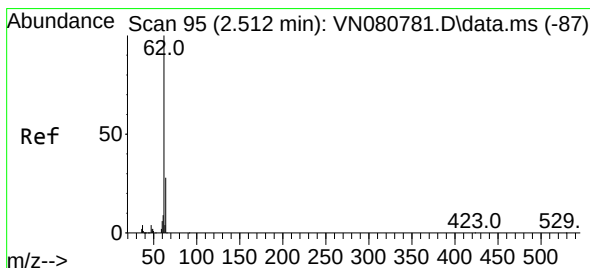
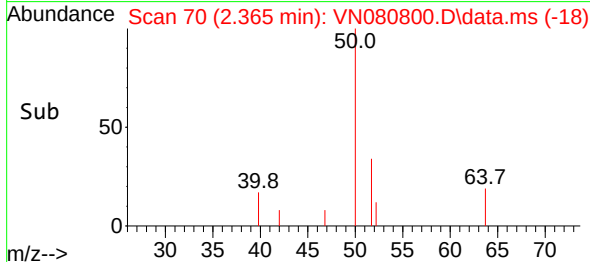
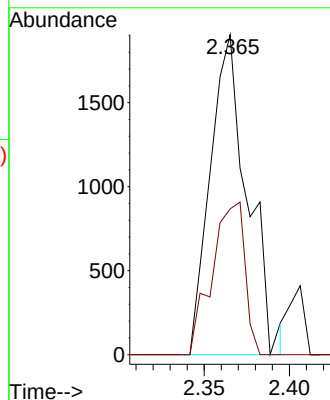
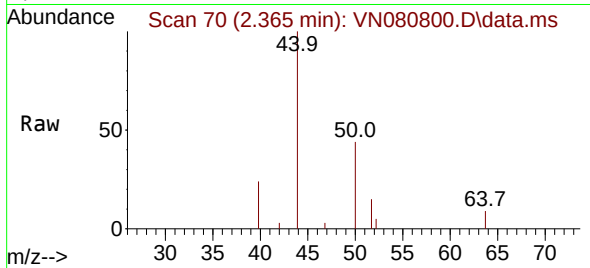
#3
Chloromethane
Concen: 1.143 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 50 Resp: 2894
Ion Ratio Lower Upper
50 100
52 45.6 25.0 37.4

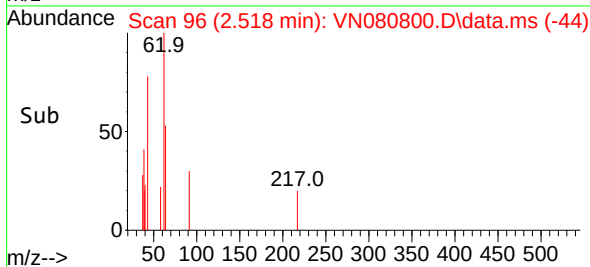
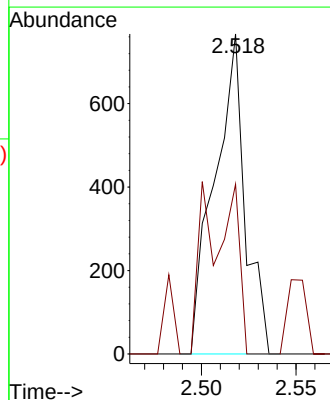
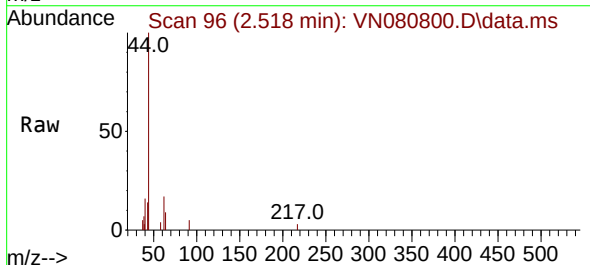
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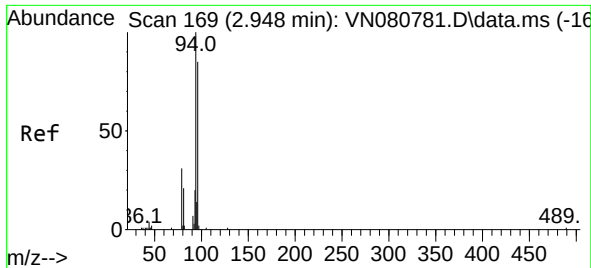
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#4
Vinyl Chloride
Concen: 0.446 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

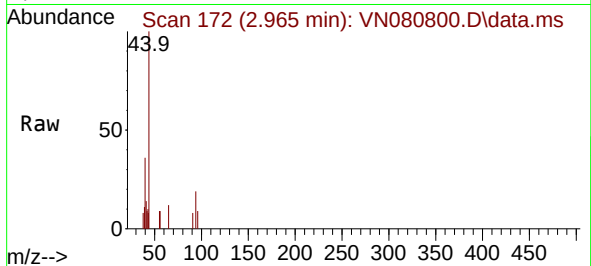
Tgt Ion: 62 Resp: 859
Ion Ratio Lower Upper
62 100
64 53.1 22.7 34.1





#5
Bromomethane
Concen: 0.958 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

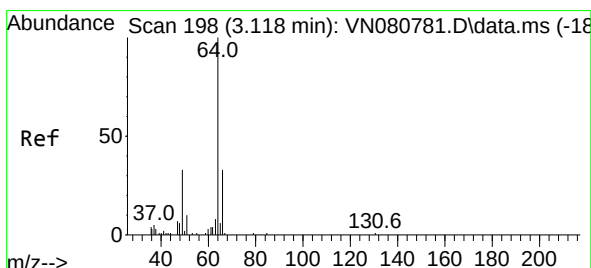
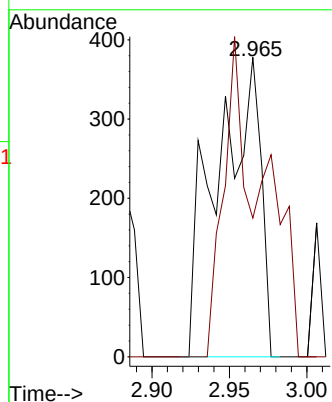
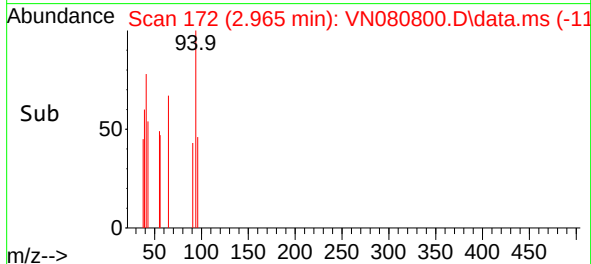
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



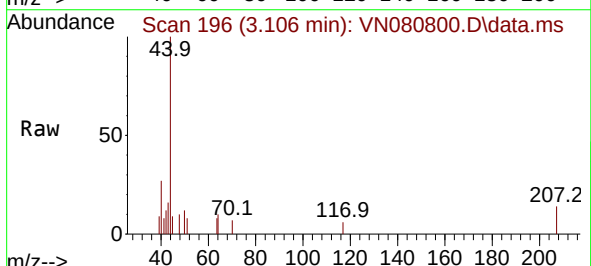
Tgt Ion: 94 Resp: 738
Ion Ratio Lower Upper
94 100
96 46.3 69.2 103.8

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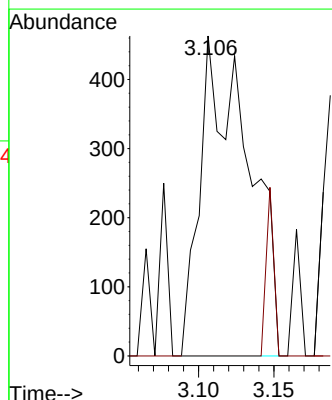
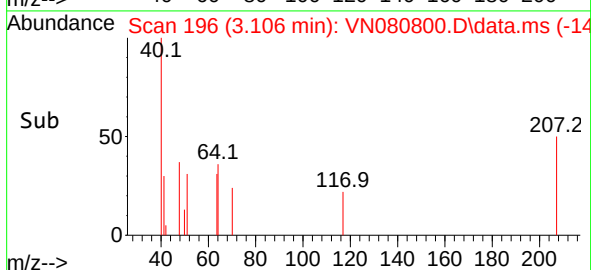
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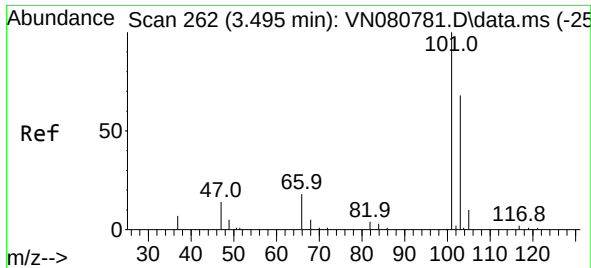


#6
Chloroethane
Concen: 1.008 ug/l m
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53



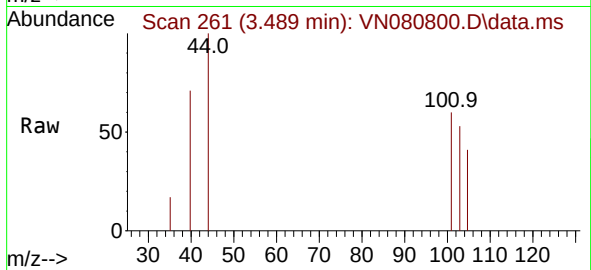
Tgt Ion: 64 Resp: 1035
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6





#7
Trichlorofluoromethane
Concen: 0.452 ug/l m
RT: 3.489 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

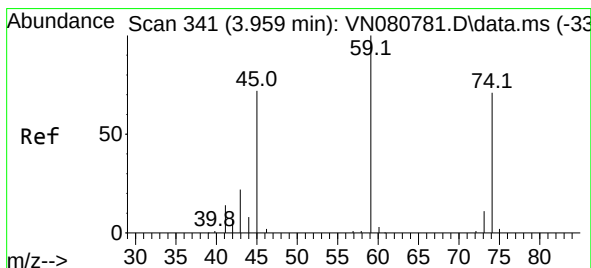
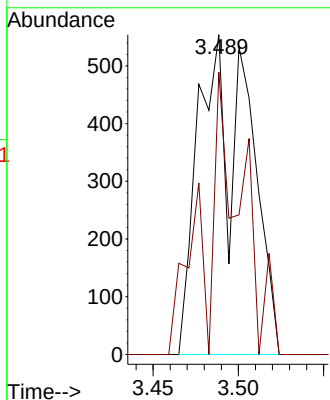
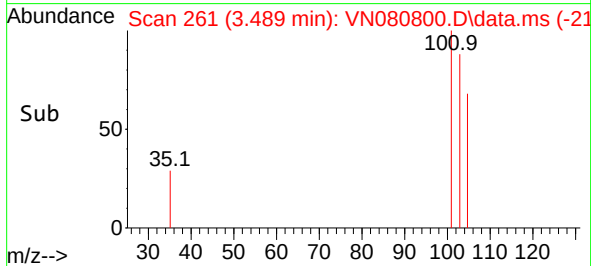
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:101 Resp: 112
Ion Ratio Lower Upper
101 100
103 88.3 54.4 81.6

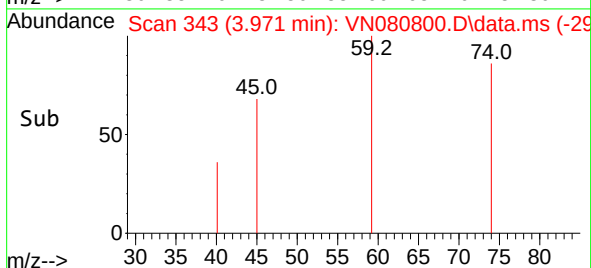
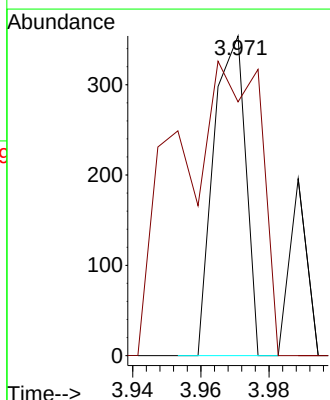
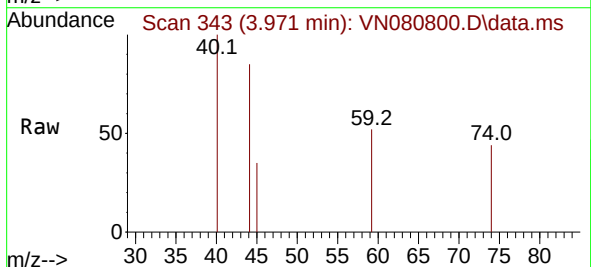
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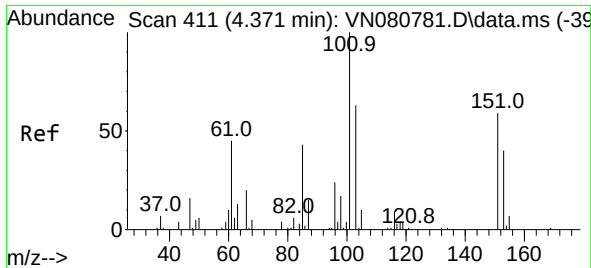
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#8
Diethyl Ether
Concen: 0.200 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.012 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

Tgt Ion: 74 Resp: 230
Ion Ratio Lower Upper
74 100
45 240.9 53.3 159.9





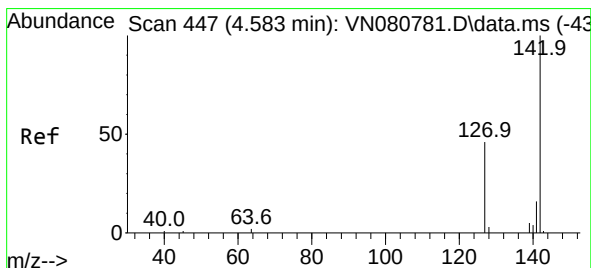
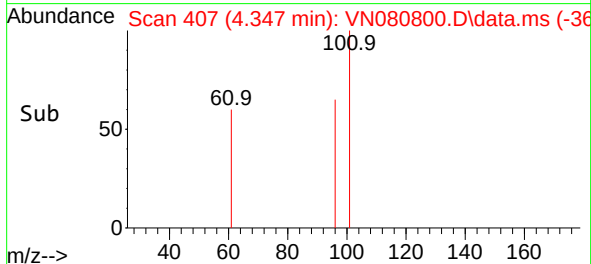
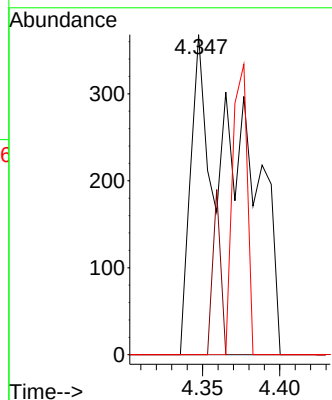
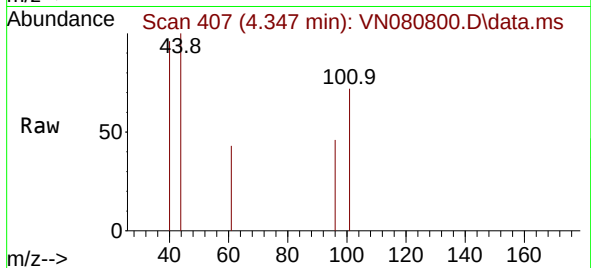
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.558 ug/l m
RT: 4.347 min Scan# 407
Delta R.T. -0.024 min
Lab File: VN080800.D
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Instrument : MSVOA_N
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Tgt Ion:101 Resp: 81
Ion Ratio Lower Upper
101 100
85 8.3 38.1 57.1
151 27.1 49.1 73.7

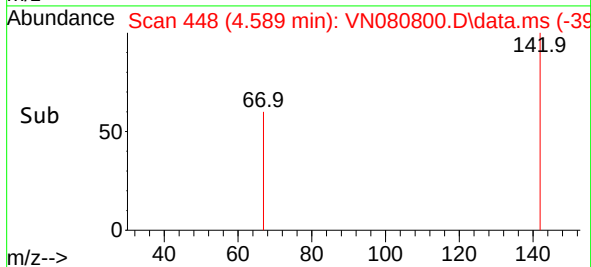
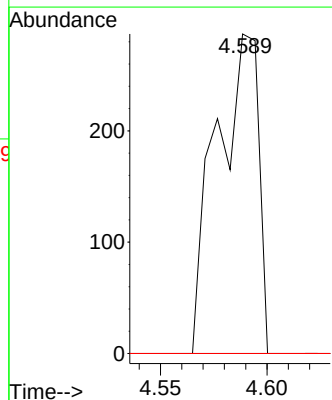
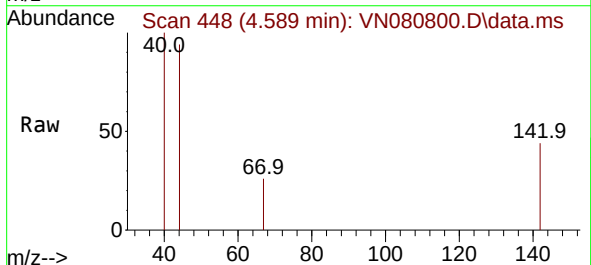
Manual Integrations
APPROVED

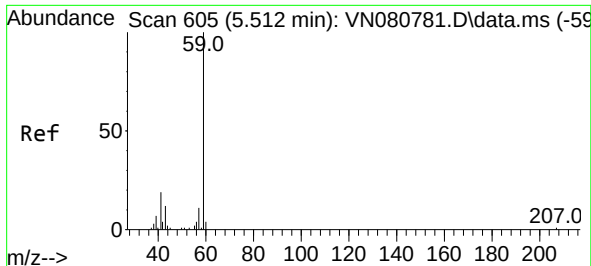
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#10
Methyl Iodide
Concen: 0.322 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

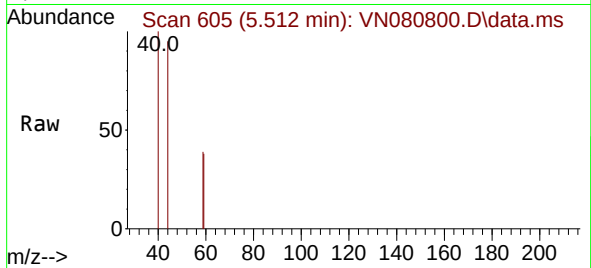
Tgt Ion:142 Resp: 395
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.4#
141 0.0 12.5 18.7#





#11
Tert butyl alcohol
Concen: 2.385 ug/l m
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

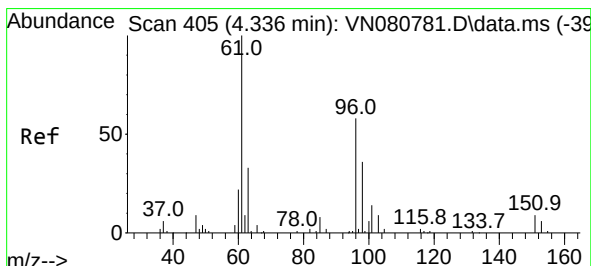
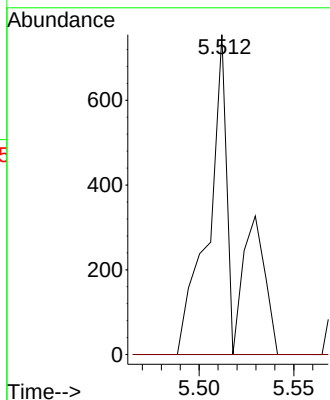
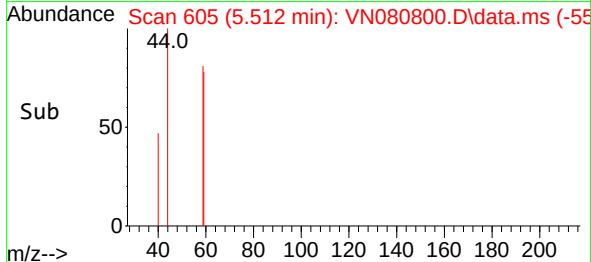
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



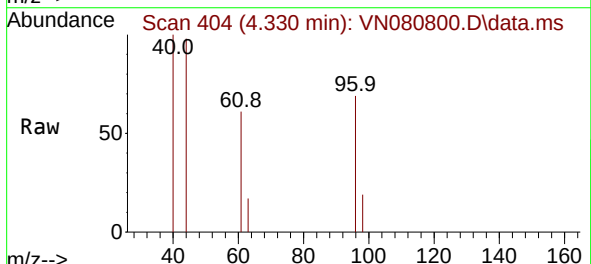
Tgt Ion: 59 Resp: 76
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8

Manual Integrations
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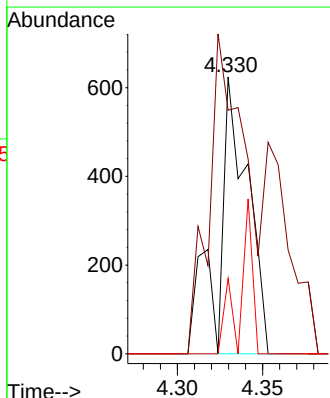
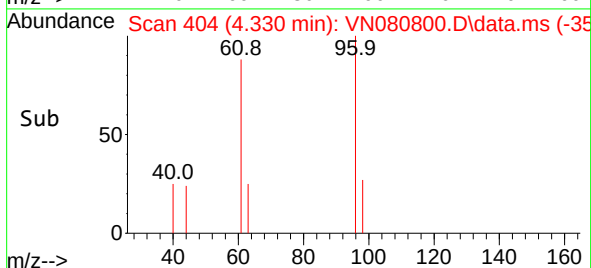
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

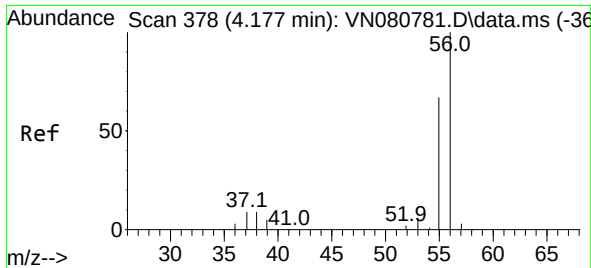


#12
1,1-Dichloroethene
Concen: 0.474 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53



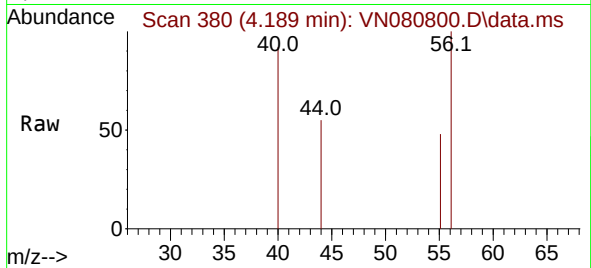
Tgt Ion: 96 Resp: 755
Ion Ratio Lower Upper
96 100
61 88.0 138.2 207.4#
98 27.2 49.2 73.8#





#13
Acrolein
Concen: 3.889 ug/l m
RT: 4.189 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

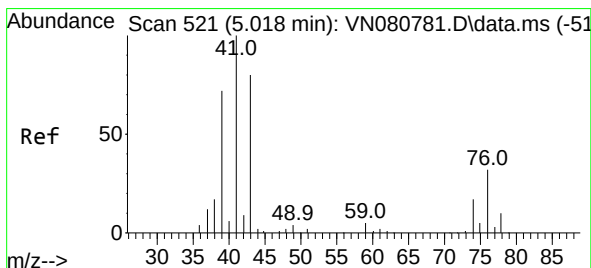
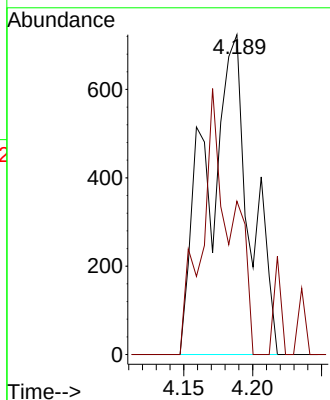
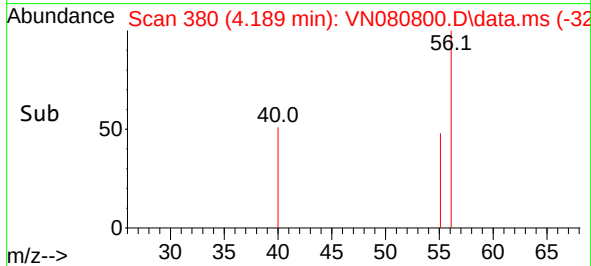
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



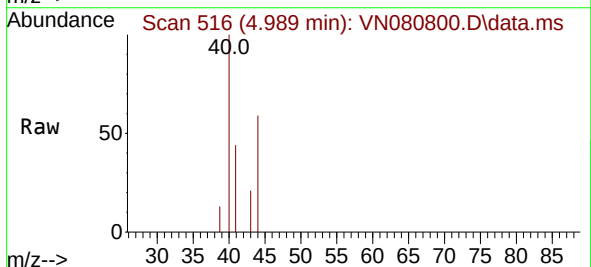
Tgt Ion: 56 Resp: 1569
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#

Manual Integrations
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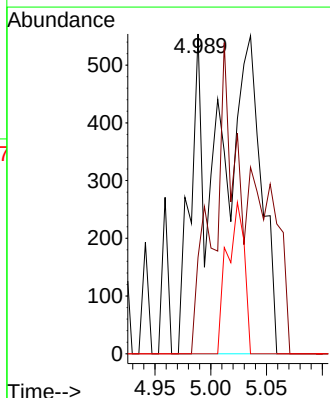
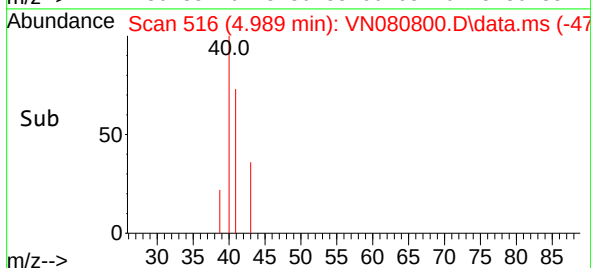
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

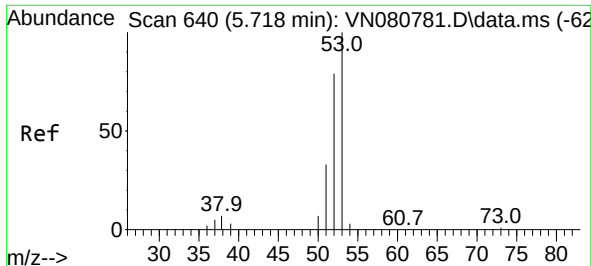


#14
Allyl chloride
Concen: 0.544 ug/l m
RT: 4.989 min Scan# 516
Delta R.T. -0.029 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53



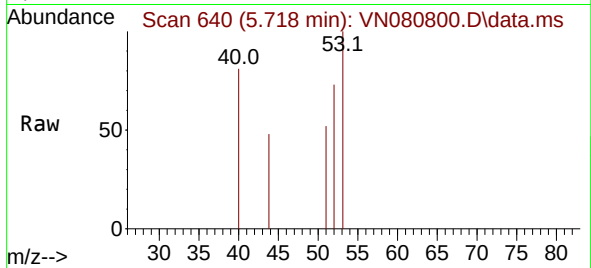
Tgt Ion: 41 Resp: 1711
Ion Ratio Lower Upper
41 100
39 0.0 57.7 86.5#
76 16.5 26.8 40.2#





#15
Acrylonitrile
Concen: 1.960 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

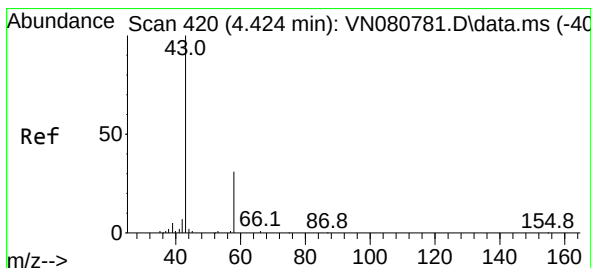
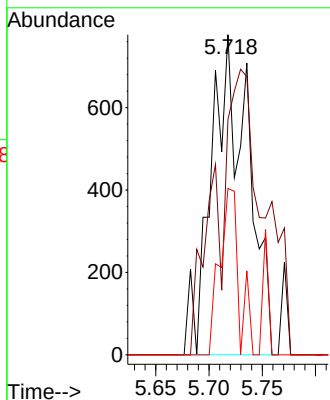
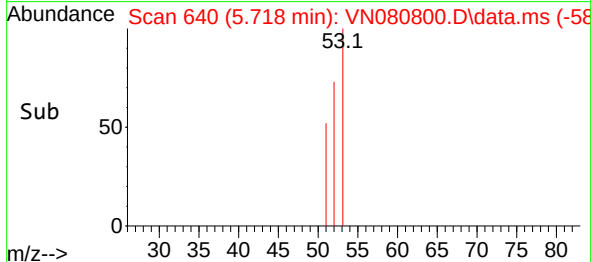
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



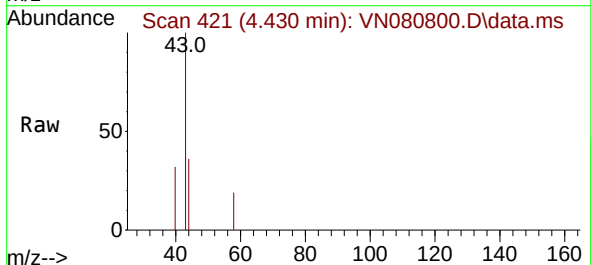
Tgt Ion: 53 Resp: 1880
Ion Ratio Lower Upper
53 100
52 113.5 64.8 97.2
51 26.9 26.9 40.3

Manual Integrations
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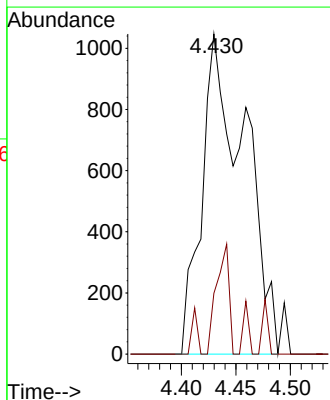
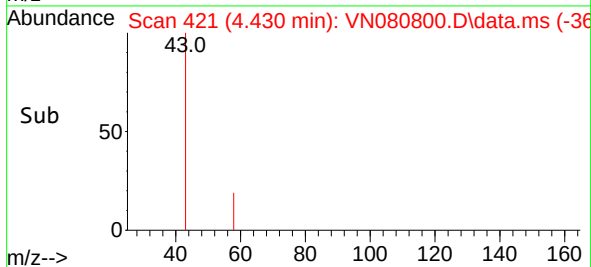
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

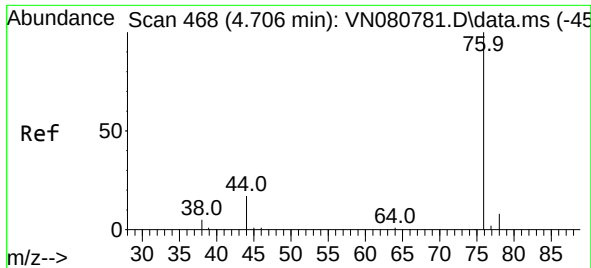


#16
Acetone
Concen: 4.039 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53



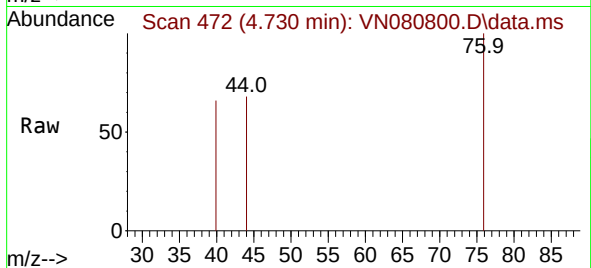
Tgt Ion: 43 Resp: 2875
Ion Ratio Lower Upper
43 100
58 19.0 24.8 37.2





#17
Carbon Disulfide
Concen: 0.497 ug/l m
RT: 4.730 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

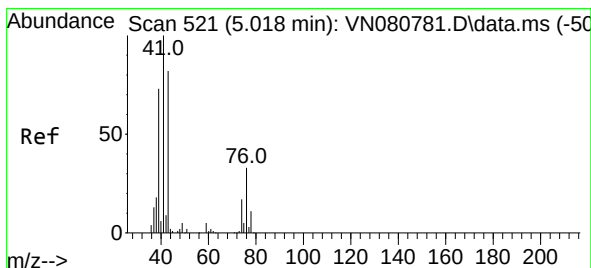
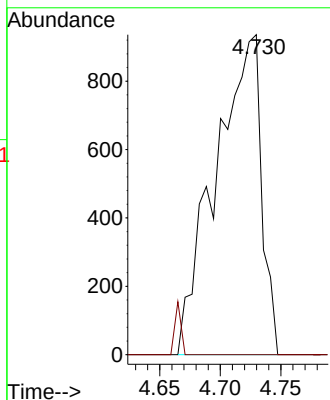
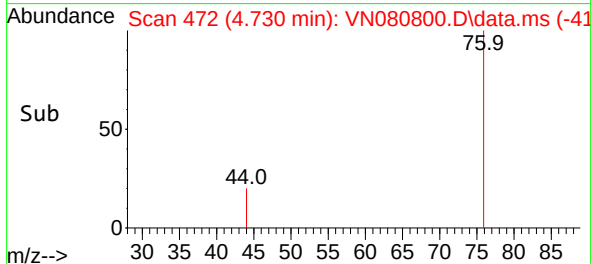
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 76 Resp: 246
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5

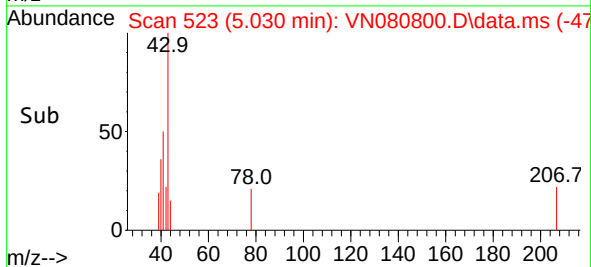
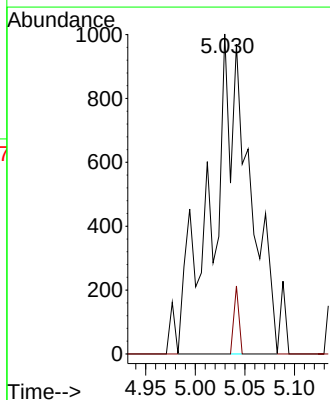
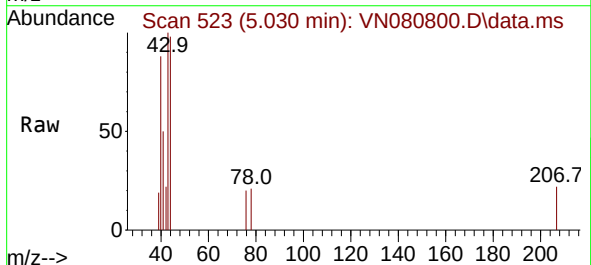
Manual Integrations
APPROVED

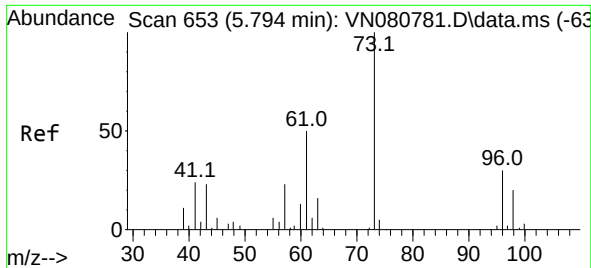
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#18
Methyl Acetate
Concen: 1.071 ug/l m
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

Tgt Ion: 43 Resp: 2656
Ion Ratio Lower Upper
43 100
74 2.8 17.3 25.9





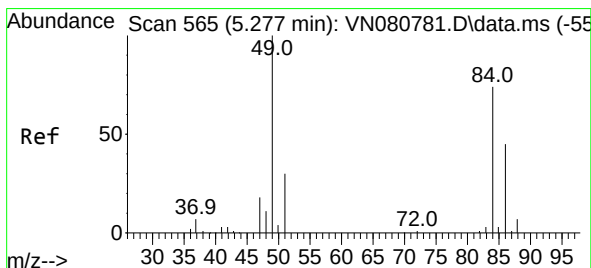
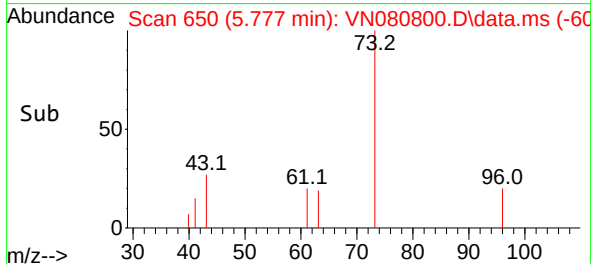
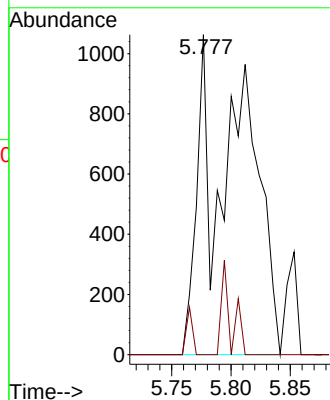
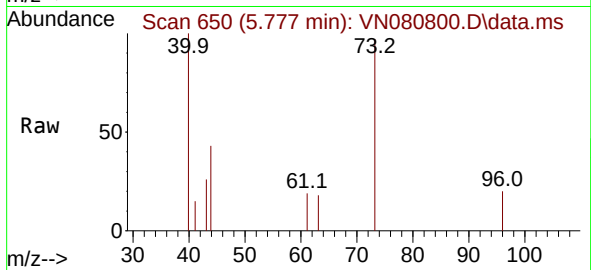
#19
Methyl tert-butyl Ether
Concen: 0.475 ug/l m
RT: 5.777 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 73 Resp: 266
Ion Ratio Lower Upper
73 100
57 0.0 18.2 27.4

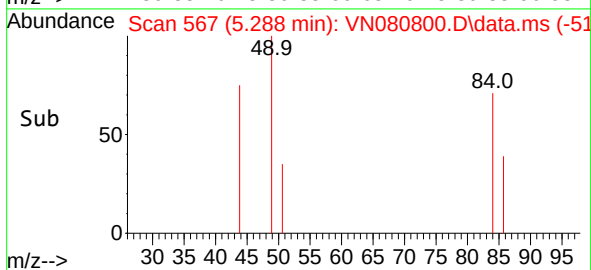
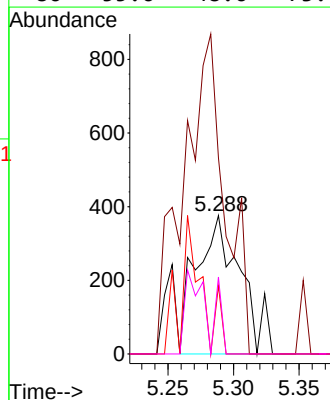
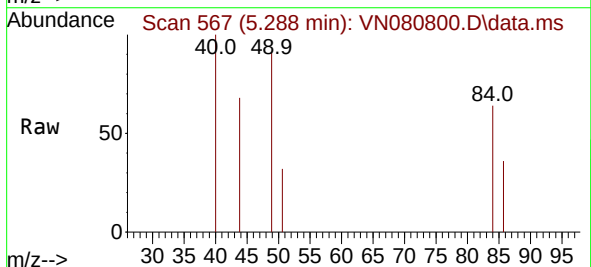
Manual Integrations
APPROVED

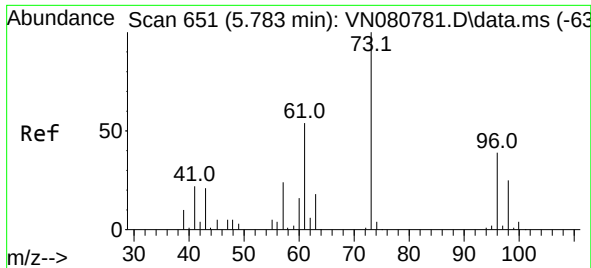
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#20
Methylene Chloride
Concen: 0.470 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

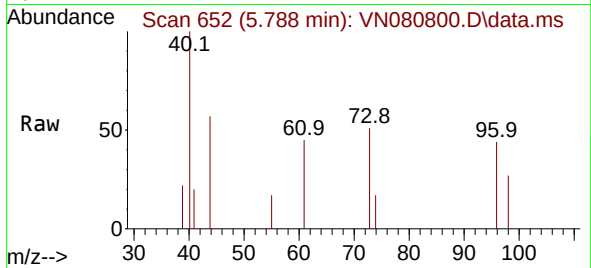
Tgt Ion: 84 Resp: 879
Ion Ratio Lower Upper
84 100
49 141.8 108.1 162.1
51 49.2 32.9 49.3
86 55.6 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 0.333 ug/l
RT: 5.788 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

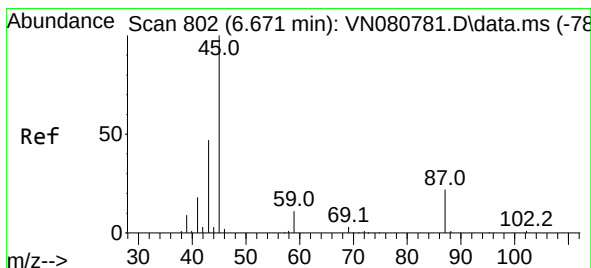
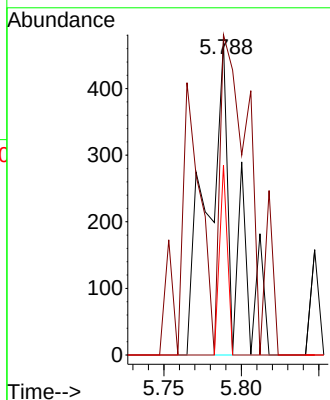
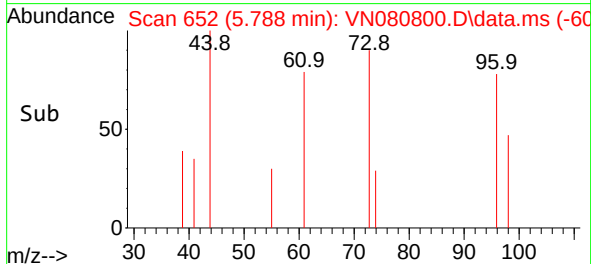
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 96 Resp: 570
Ion Ratio Lower Upper
96 100
61 102.1 112.8 169.2#
98 60.5 51.0 76.4

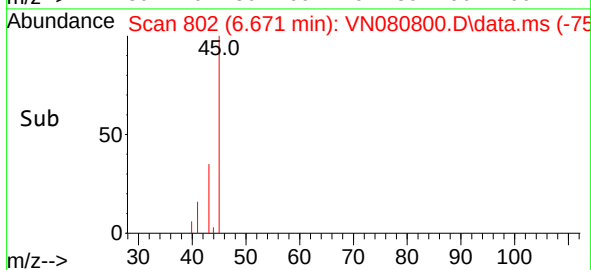
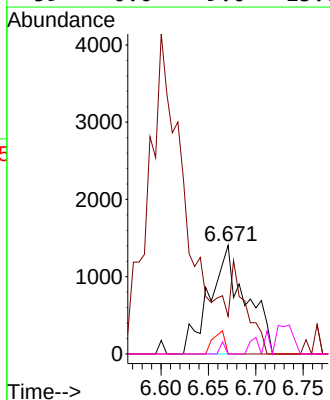
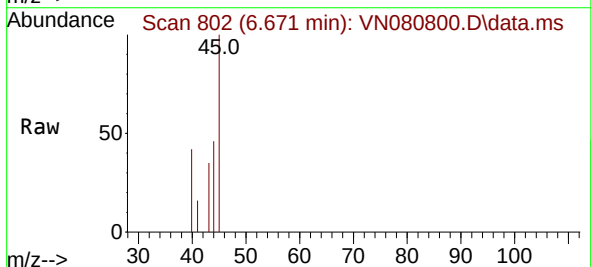
Manual Integrations
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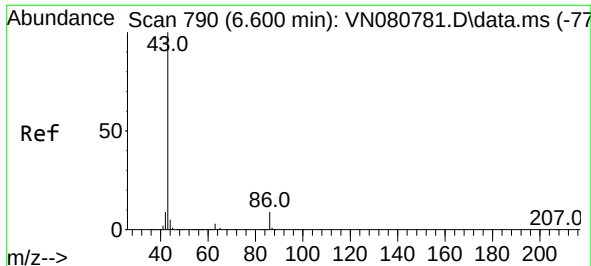
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#22
Diisopropyl ether
Concen: 0.540 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

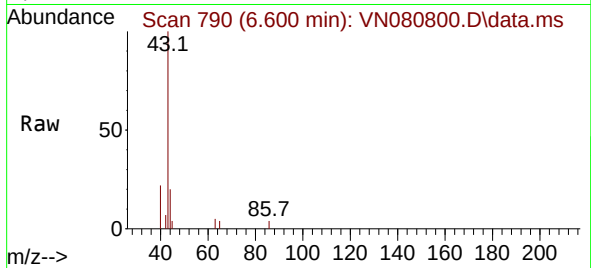
Tgt Ion: 45 Resp: 3753
Ion Ratio Lower Upper
45 100
43 34.6 41.8 62.8#
87 0.0 18.1 27.1#
59 0.0 9.0 13.6#





#23
 Vinyl Acetate
 Concen: 2.183 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080800.D
 Acq: 29 Jan 2024 18:53

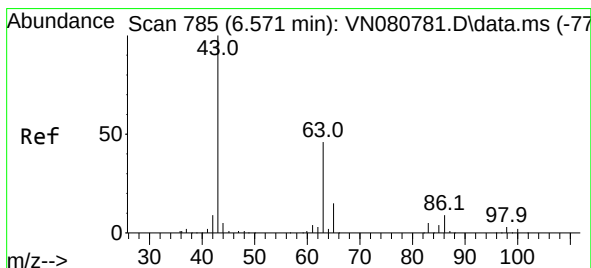
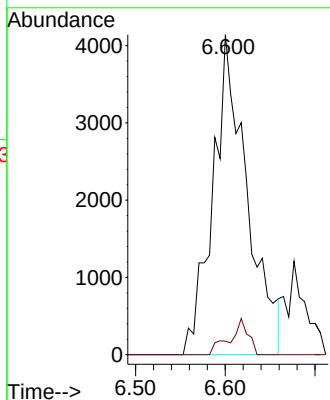
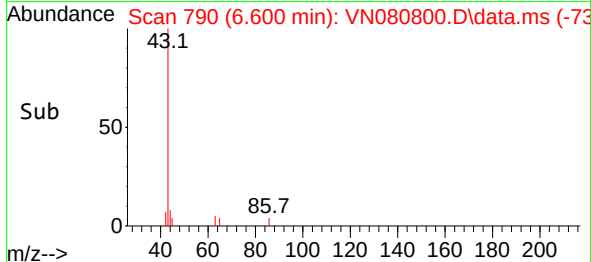
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 43 Resp: 10970
 Ion Ratio Lower Upper
 43 100
 86 4.2 7.1 10.7

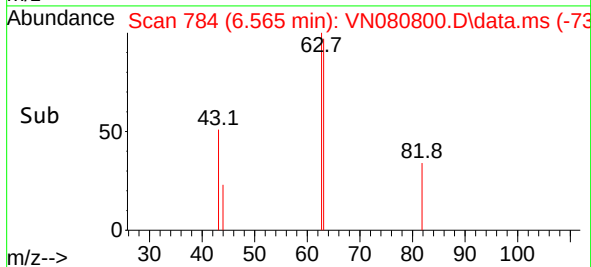
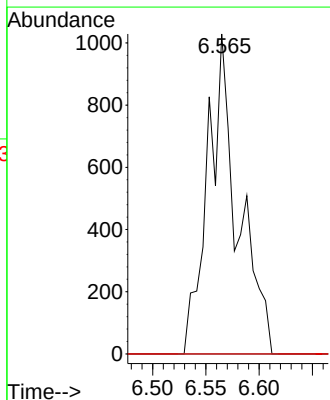
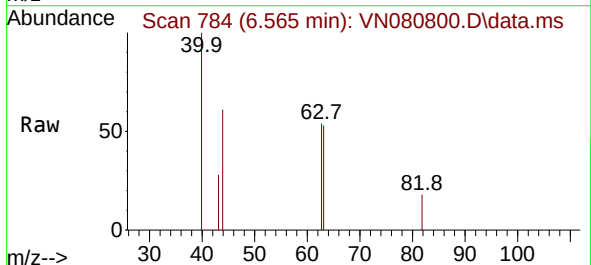
Manual Integrations
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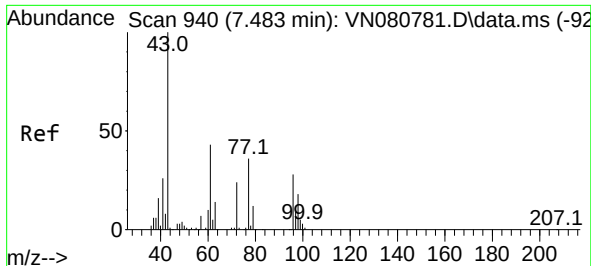
Reviewed By :John Carlone 01/30/2024
 Supervised By :Mahesh Dadoda 01/30/2024



#24
 1,1-Dichloroethane
 Concen: 0.575 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080800.D
 Acq: 29 Jan 2024 18:53

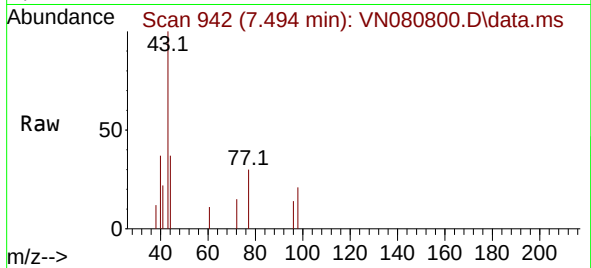
Tgt Ion: 63 Resp: 2025
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.9 8.6#
 100 0.0 1.9 5.7#





#25
2-Butanone
Concen: 2.936 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

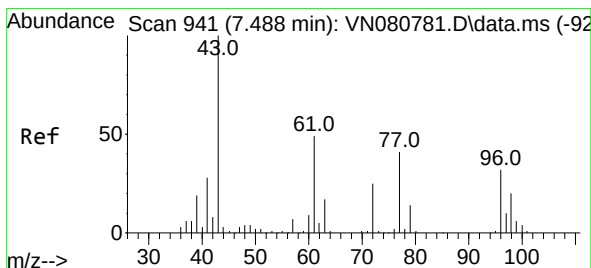
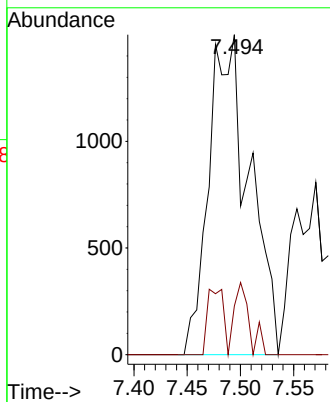
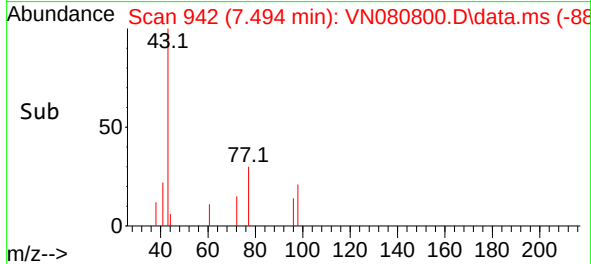
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 43 Resp: 396
Ion Ratio Lower Upper
43 100
72 15.2 19.5 29.3

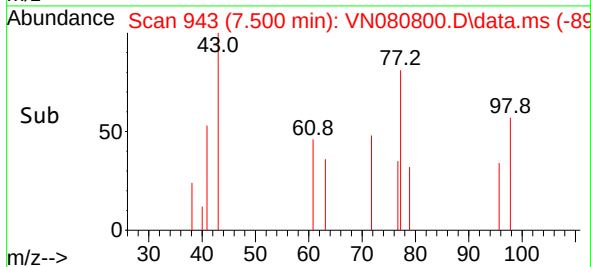
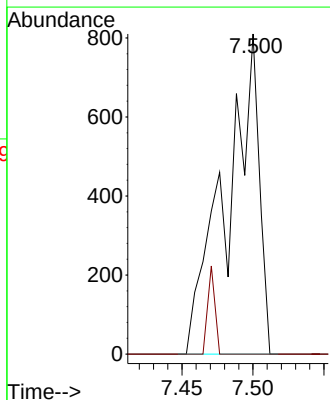
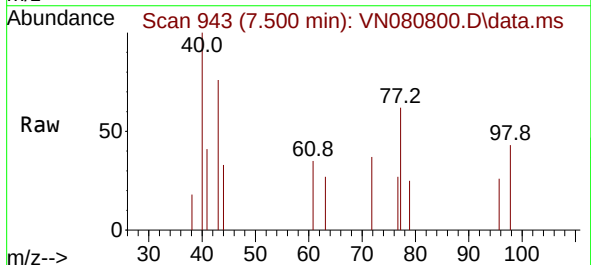
Manual Integrations
APPROVED

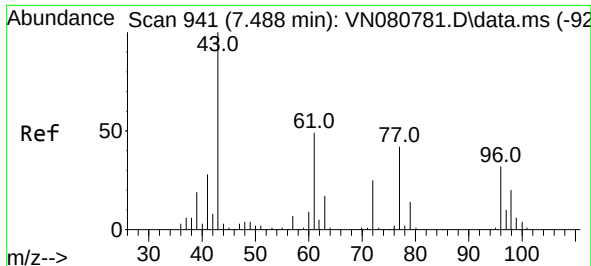
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#26
2,2-Dichloropropane
Concen: 0.456 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

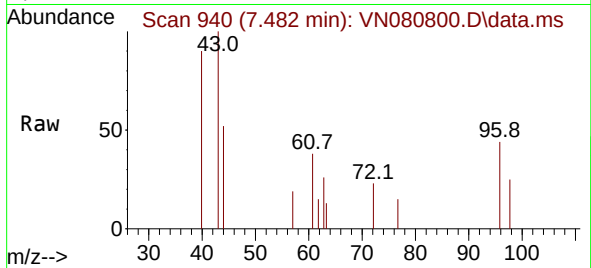
Tgt Ion: 77 Resp: 1298
Ion Ratio Lower Upper
77 100
97 0.0 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 0.509 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080800.D
 Acq: 29 Jan 2024 18:53

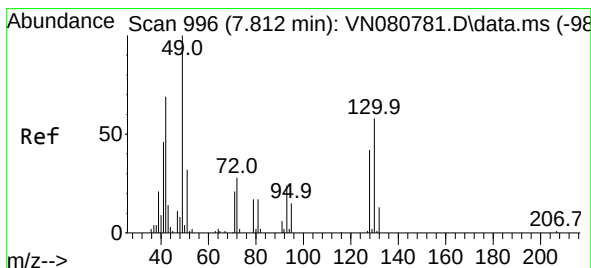
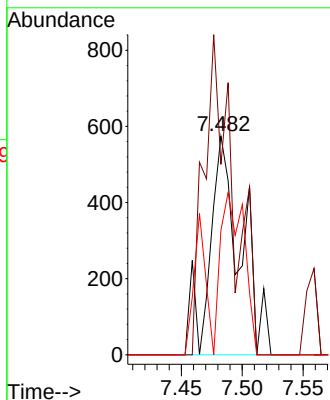
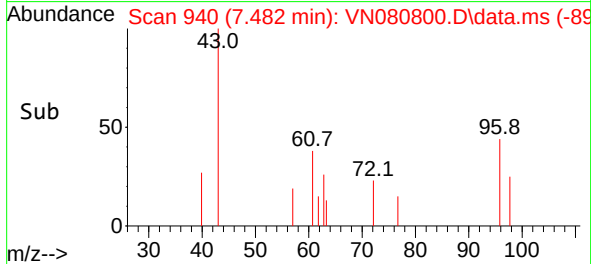
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024



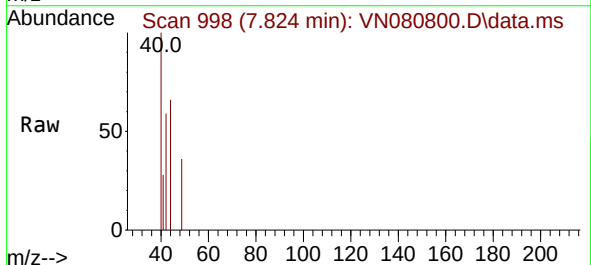
Tgt Ion: 96 Resp: 1019
 Ion Ratio Lower Upper
 96 100
 61 136.7 0.0 325.4
 98 56.2 0.0 130.4

Manual Integrations
 APPROVED

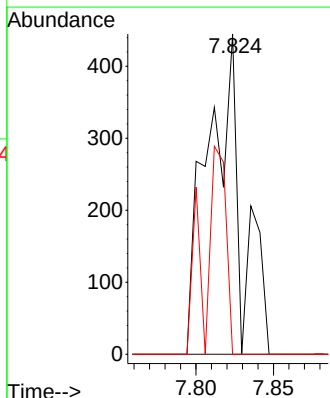
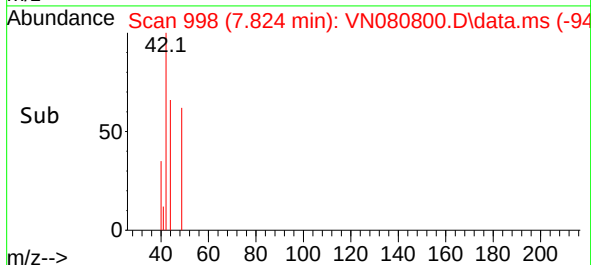
Reviewed By :John Carlone 01/30/2024
 Supervised By :Mahesh Dadoda 01/30/2024

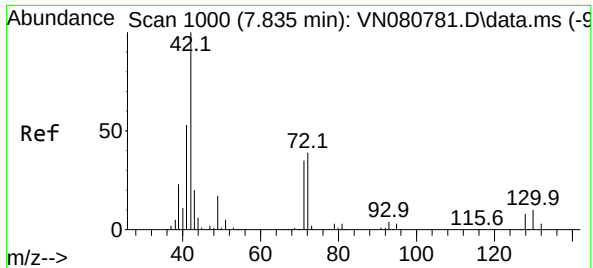


#28
 Bromochloromethane
 Concen: 0.364 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.012 min
 Lab File: VN080800.D
 Acq: 29 Jan 2024 18:53



Tgt Ion: 49 Resp: 679
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 1.6
 130 40.9 42.3 63.5#





#29

Tetrahydrofuran

Concen: 2.729 ug/l

RT: 7.847 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN080800.D

Acq: 29 Jan 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

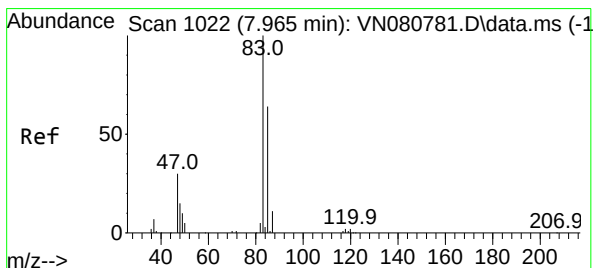
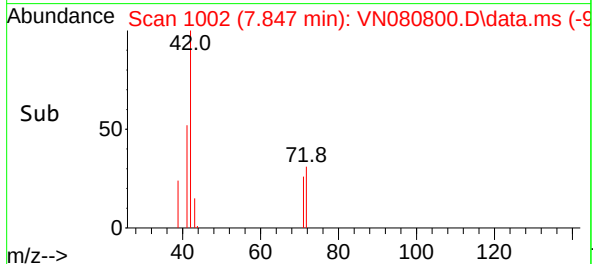
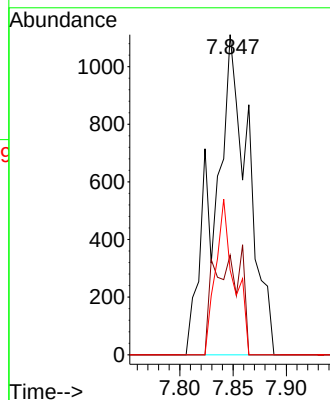
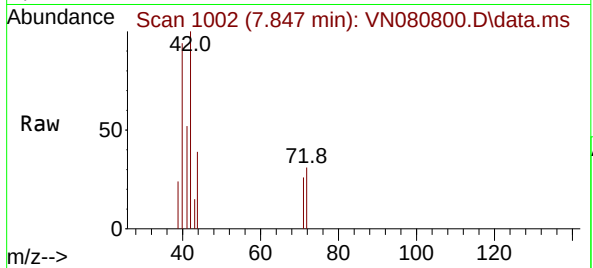
Tgt Ion: 42	Resp: 249
Ion Ratio	Lower Upper
42	100
72	12.2 31.1 46.7
71	26.0 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2024

Supervised By :Mahesh Dadoda 01/30/2024



#30

Chloroform

Concen: 0.395 ug/l

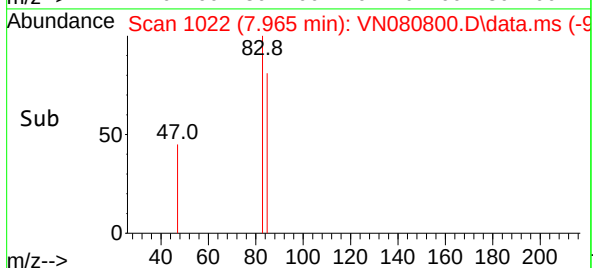
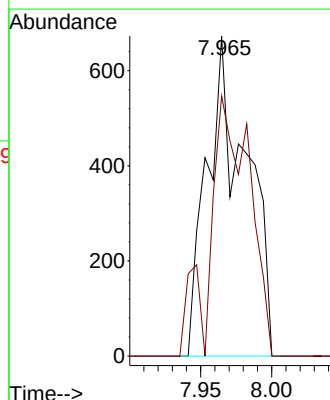
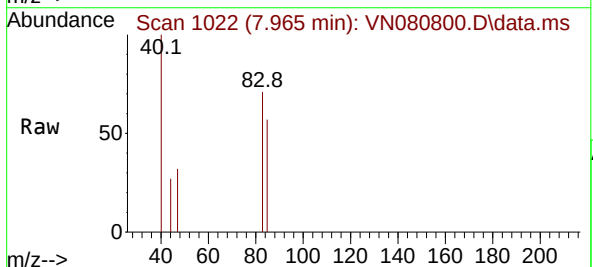
RT: 7.965 min Scan# 1022

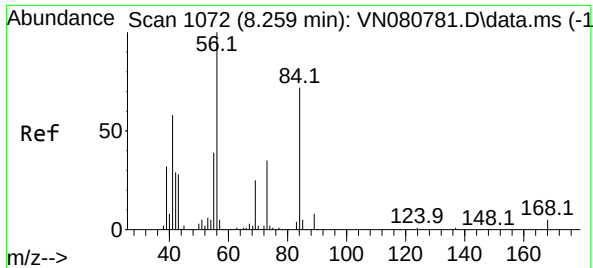
Delta R.T. -0.000 min

Lab File: VN080800.D

Acq: 29 Jan 2024 18:53

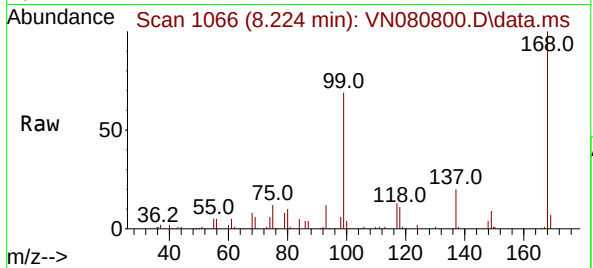
Tgt Ion: 83	Resp: 1291
Ion Ratio	Lower Upper
83	100
85	81.3 51.0 76.6





#31
Cyclohexane
Concen: 1.754 ug/l m
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

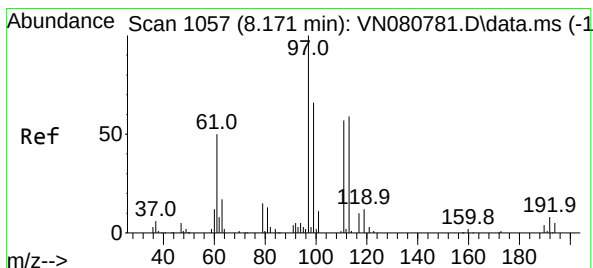
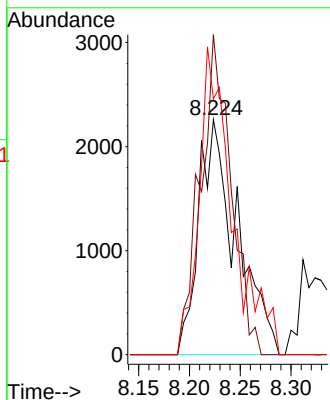
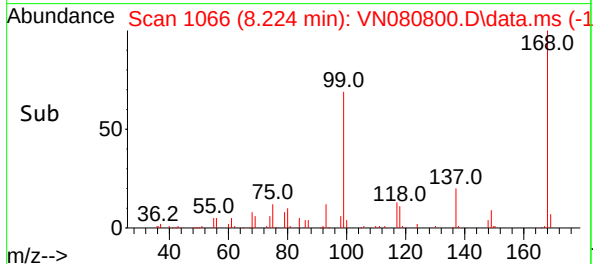
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



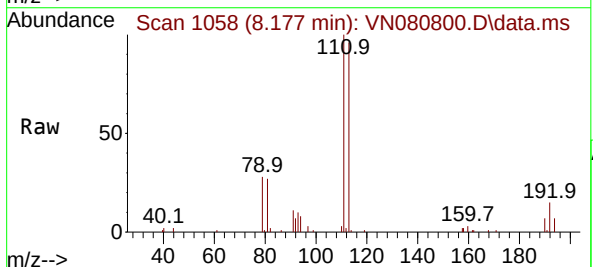
Tgt Ion: 56 Resp: 590
Ion Ratio Lower Upper
56 100
69 136.1 20.1 30.1
84 108.8 56.9 85.3

Manual Integrations
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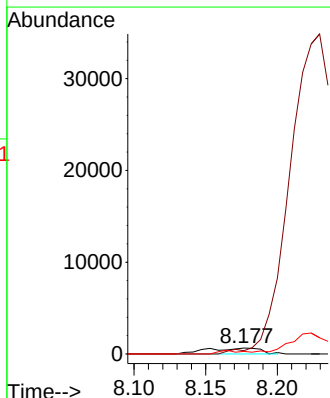
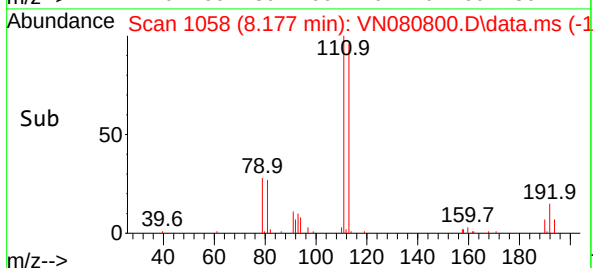
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

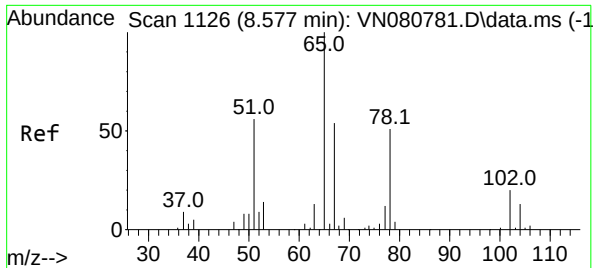


#32
1,1,1-Trichloroethane
Concen: 0.638 ug/l m
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53



Tgt Ion: 97 Resp: 1692
Ion Ratio Lower Upper
97 100
99 0.0 53.4 80.0#
61 0.0 43.8 65.8#





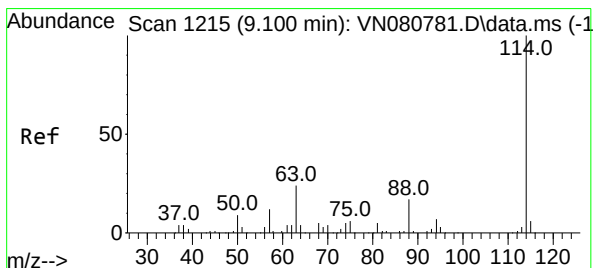
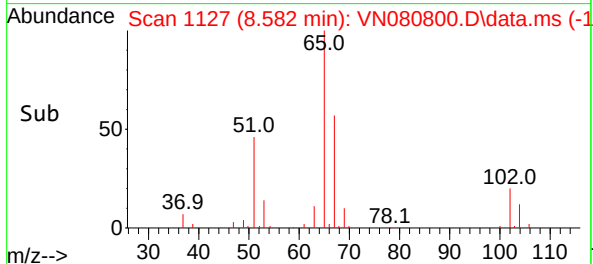
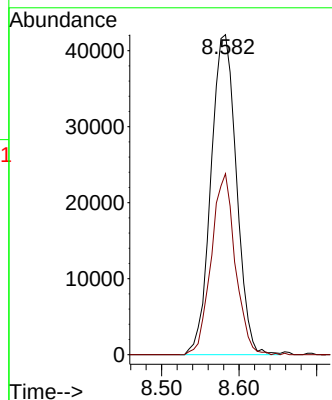
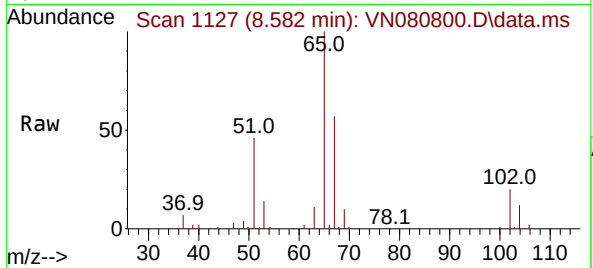
#33
1,2-Dichloroethane-d4
Concen: 49.039 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 65 Resp: 9623
Ion Ratio Lower Upper
65 100
67 53.2 0.0 102.4

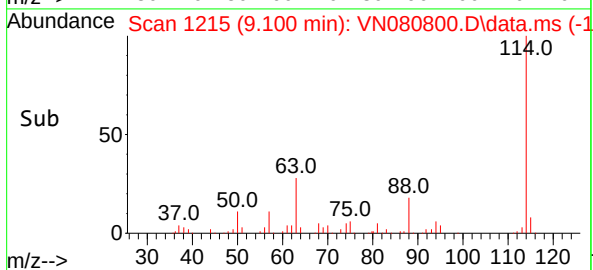
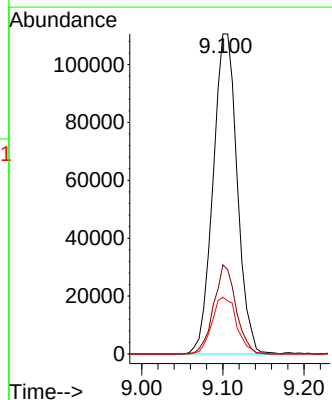
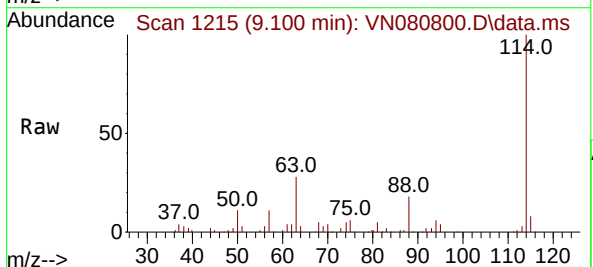
Manual Integrations
APPROVED

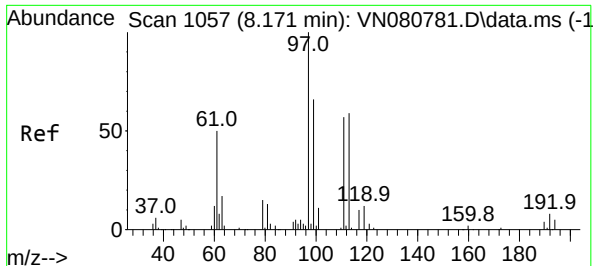
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

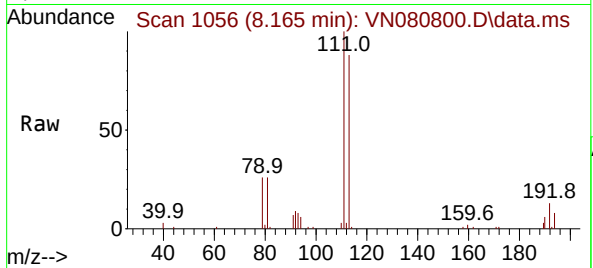
Tgt Ion:114 Resp: 228463
Ion Ratio Lower Upper
114 100
63 27.8 0.0 48.0
88 17.7 0.0 34.8





#35
Dibromofluoromethane
Concen: 45.688 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

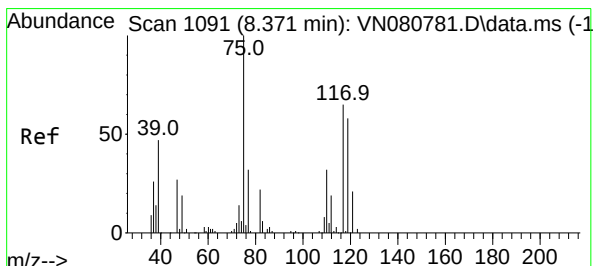
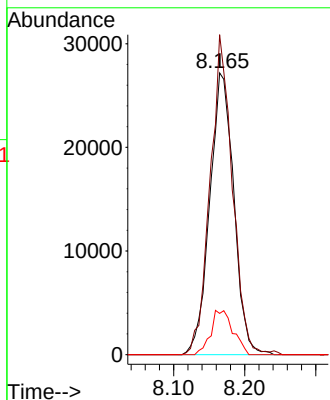
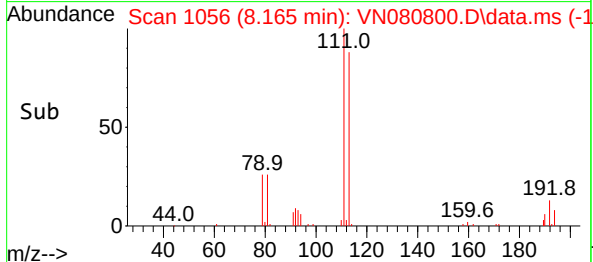
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 113 Resp: 63860
Ion Ratio Lower Upper
113 100
111 105.3 82.2 123.4
192 14.6 12.5 18.7

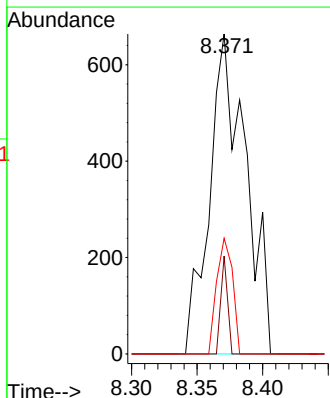
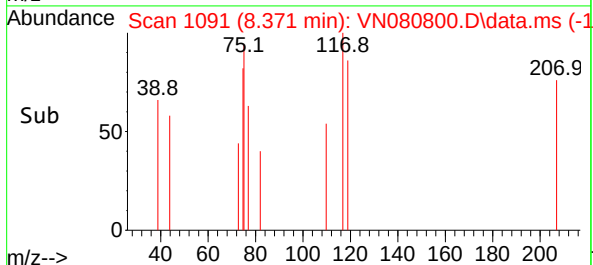
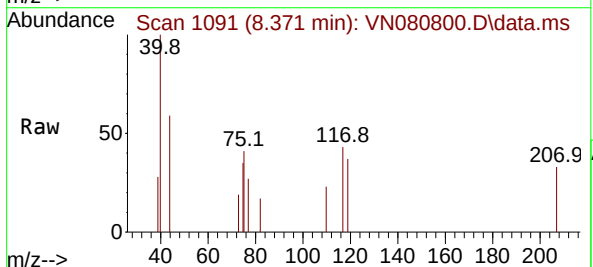
Manual Integrations
APPROVED

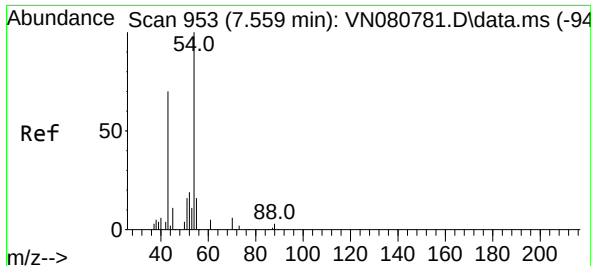
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#36
1,1-Dichloropropene
Concen: 0.492 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

Tgt Ion: 75 Resp: 1277
Ion Ratio Lower Upper
75 100
110 5.6 16.0 48.0#
77 15.7 25.8 38.6#





#37

Ethyl Acetate

Concen: 0.648 ug/l m

RT: 7.571 min Scan# 9

Delta R.T. 0.012 min

Lab File: VN080800.D

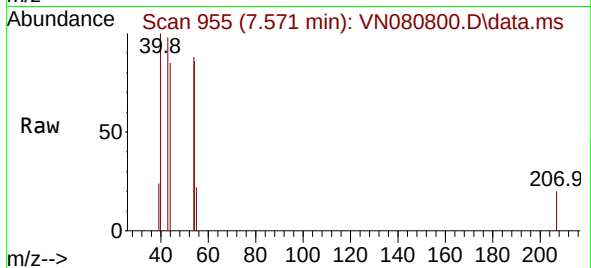
Acq: 29 Jan 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



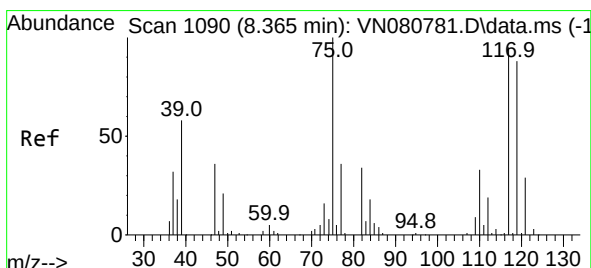
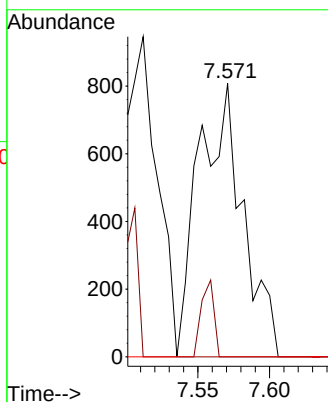
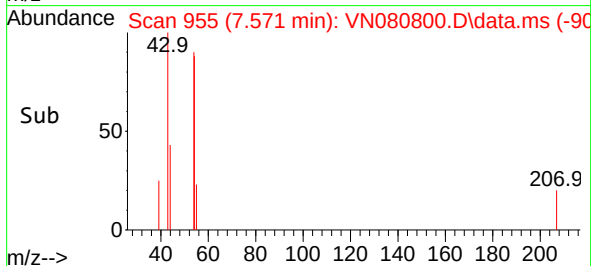
Tgt Ion:	43	Resp:	173
Ion	Ratio	Lower	Upper
43	100		
61	8.0	10.6	15.8
70	0.0	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2024

Supervised By :Mahesh Dadoda 01/30/2024



#38

Carbon Tetrachloride

Concen: 0.316 ug/l m

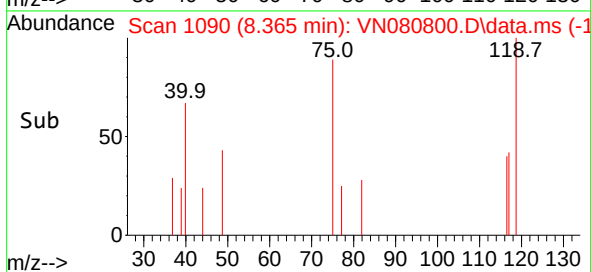
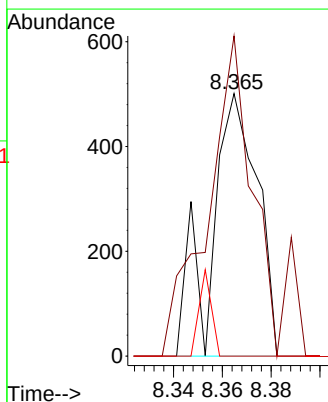
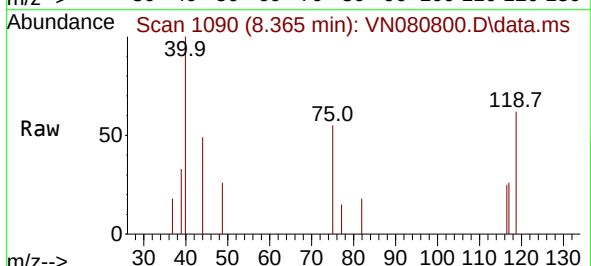
RT: 8.365 min Scan# 1090

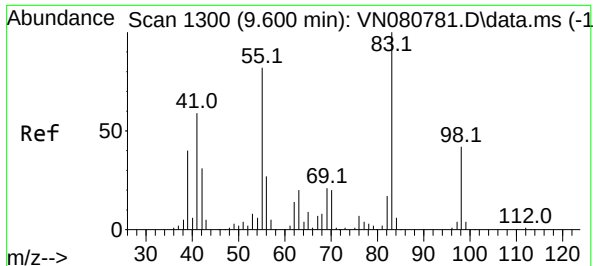
Delta R.T. -0.000 min

Lab File: VN080800.D

Acq: 29 Jan 2024 18:53

Tgt Ion:	117	Resp:	662
Ion	Ratio	Lower	Upper
117	100		
119	238.7	73.4	110.2
121	0.0	24.4	36.6





#39

Methylcyclohexane

Concen: 0.496 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080800.D

Acq: 29 Jan 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

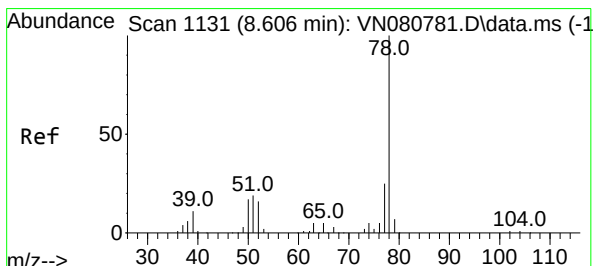
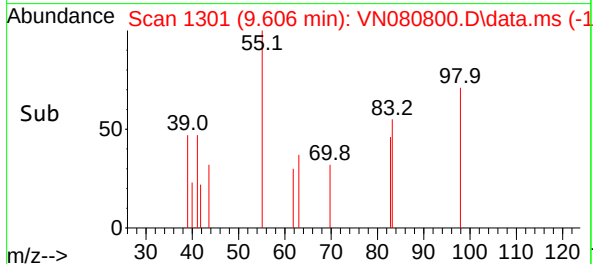
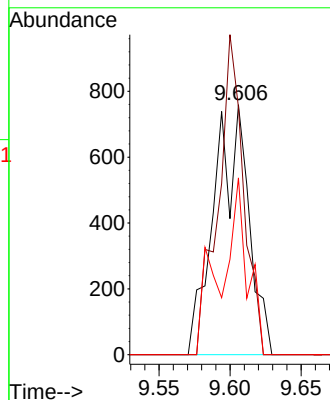
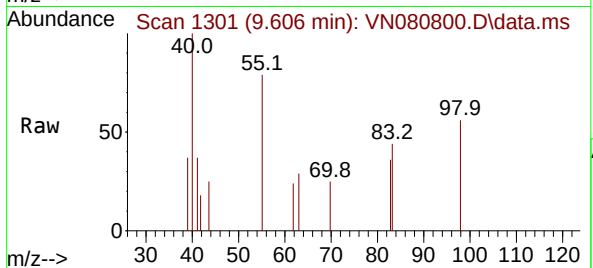
Tgt Ion: 83	Resp: 1280
Ion Ratio	Lower Upper
83	100
55	99.1 65.7 98.5
98	70.8 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2024

Supervised By :Mahesh Dadoda 01/30/2024



#40

Benzene

Concen: 0.540 ug/l

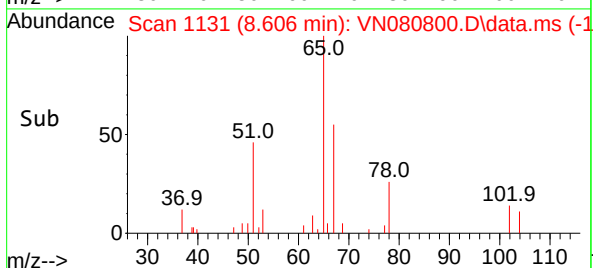
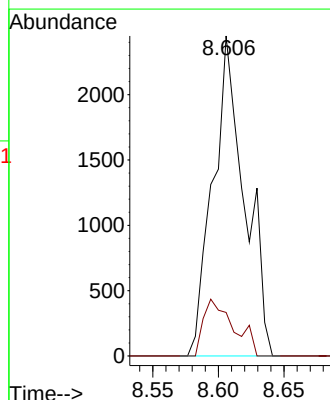
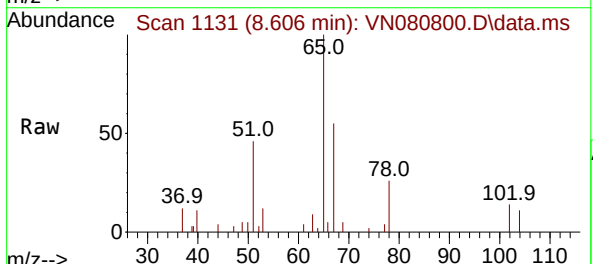
RT: 8.606 min Scan# 1131

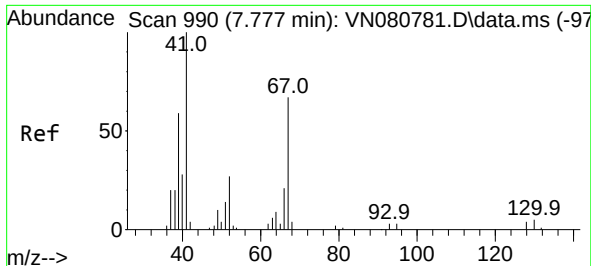
Delta R.T. -0.000 min

Lab File: VN080800.D

Acq: 29 Jan 2024 18:53

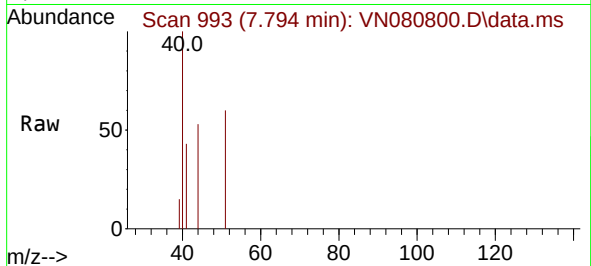
Tgt Ion: 78	Resp: 4121
Ion Ratio	Lower Upper
78	100
77	13.6 20.4 30.6





#41
Methacrylonitrile
Concen: 0.313 ug/l m
RT: 7.794 min Scan# 990
Delta R.T. 0.018 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

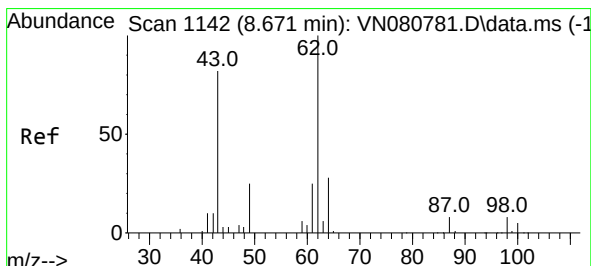
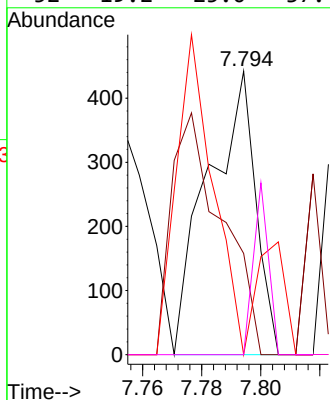
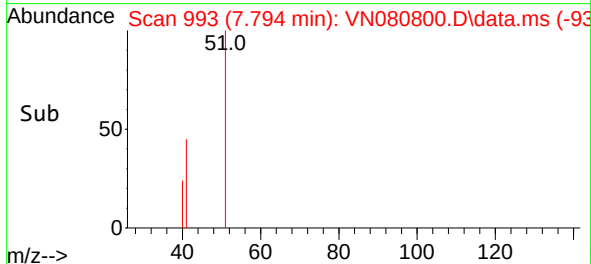
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:	41	Ratio	100	Lower	Upper
39	0.0	48.4	72.6		
67	23.5	56.8	85.2		
52	19.2	25.0	37.4		

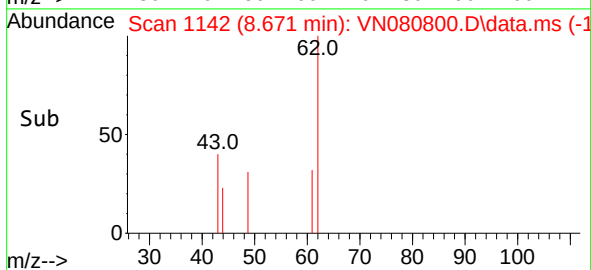
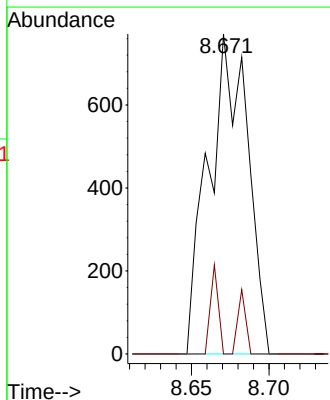
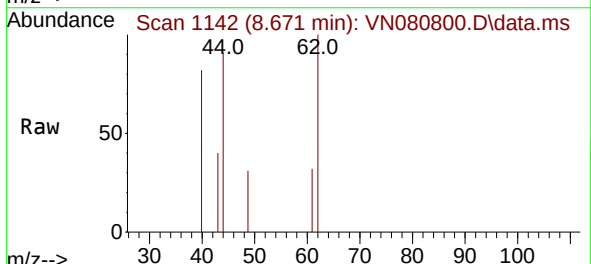
Manual Integrations
APPROVED

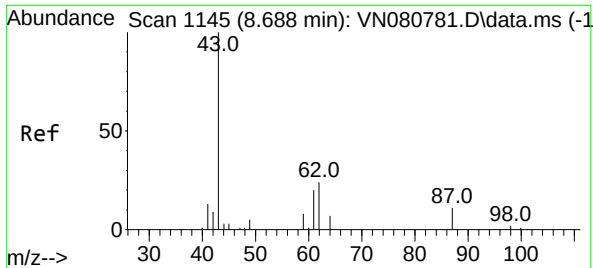
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#42
1,2-Dichloroethane
Concen: 0.544 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

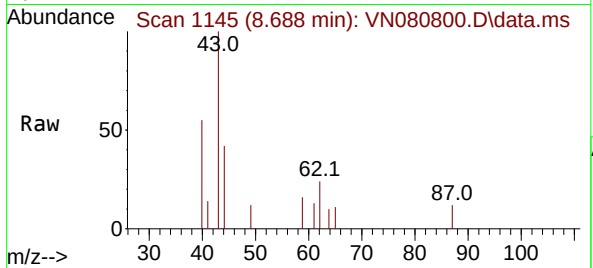
Tgt Ion:	62	Ratio	100	Lower	Upper
62	100				
98	5.6	0.0	18.0		





#43
Isopropyl Acetate
Concen: 0.612 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

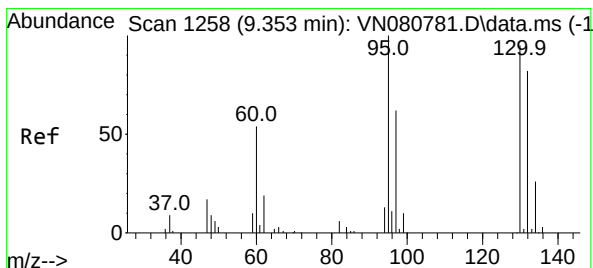
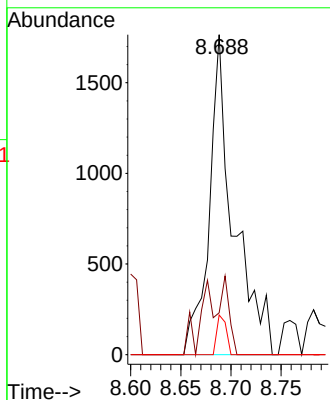
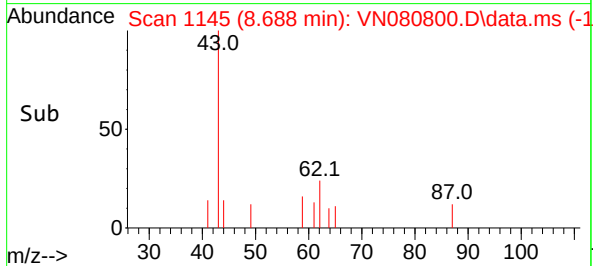
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



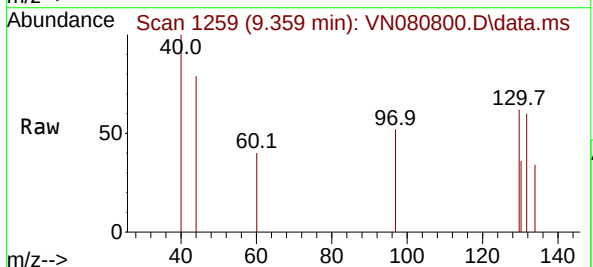
Tgt Ion: 43 Resp: 2979
Ion Ratio Lower Upper
43 100
61 13.0 19.9 29.9
87 4.7 9.0 13.6

Manual Integrations
APPROVED

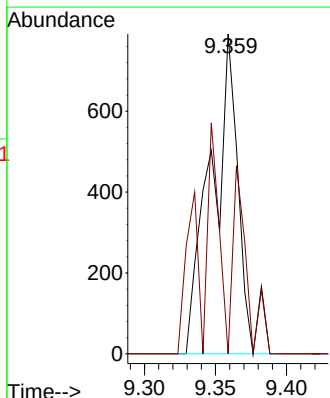
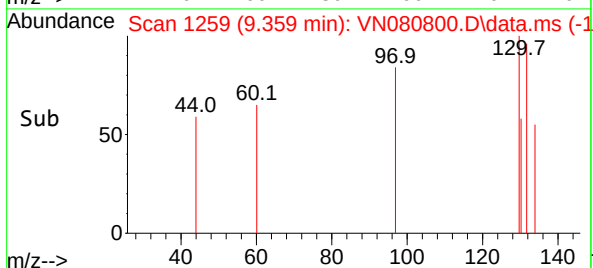
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

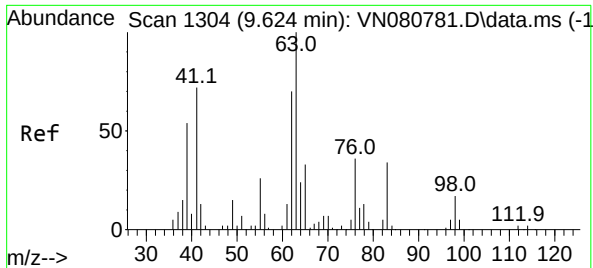


#44
Trichloroethene
Concen: 0.642 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53



Tgt Ion:130 Resp: 1079
Ion Ratio Lower Upper
130 100
95 0.0 0.0 210.4





#45

1,2-Dichloropropane

Concen: 0.567 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080800.D

Acq: 29 Jan 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 63 Resp: 1172

Ion Ratio Lower Upper

63 100

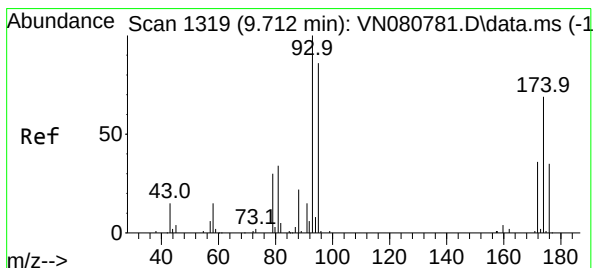
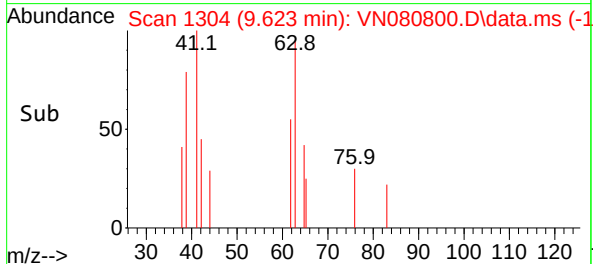
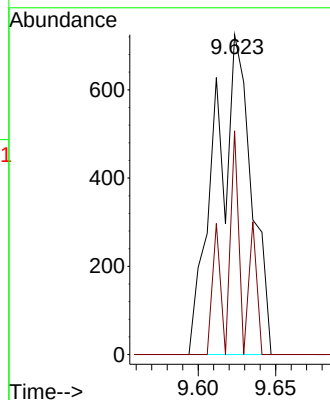
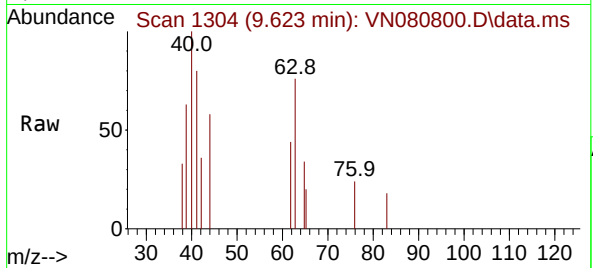
65 69.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2024

Supervised By :Mahesh Dadoda 01/30/2024



#46

Dibromomethane

Concen: 0.365 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080800.D

Acq: 29 Jan 2024 18:53

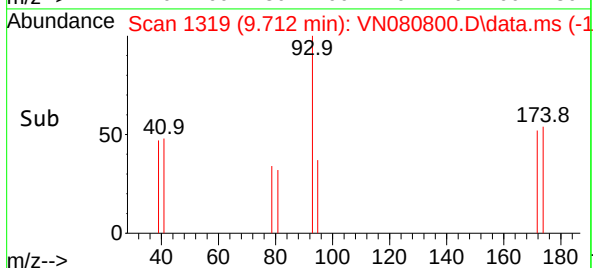
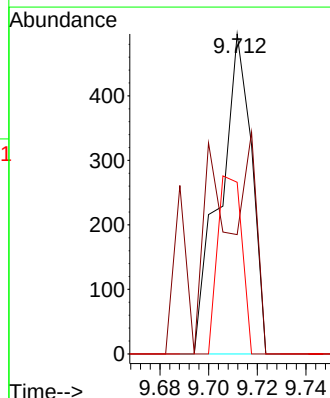
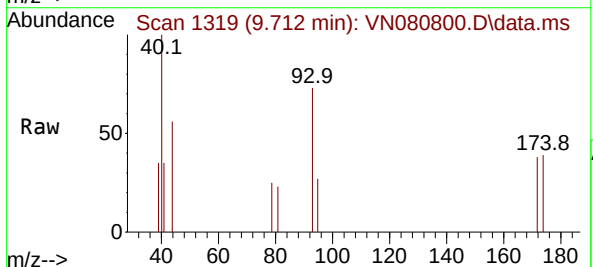
Tgt Ion: 93 Resp: 447

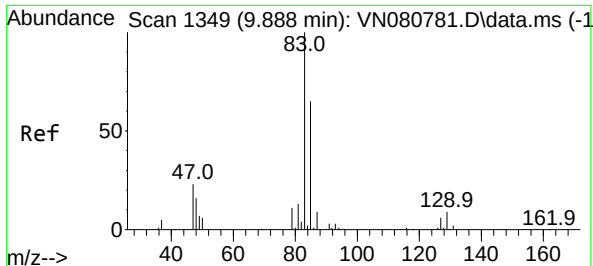
Ion Ratio Lower Upper

93 100

95 103.1 68.1 102.1#

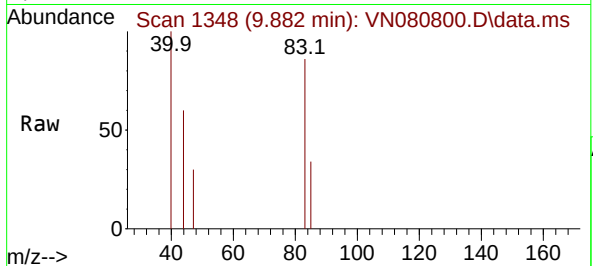
174 42.7 57.2 85.8#





#47
Bromodichloromethane
Concen: 0.503 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

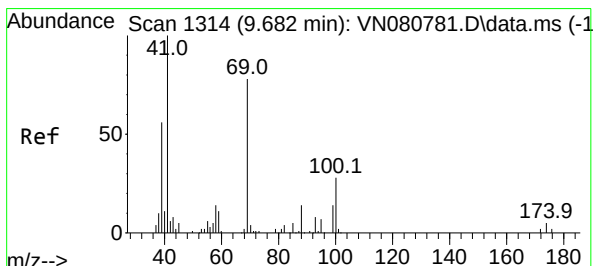
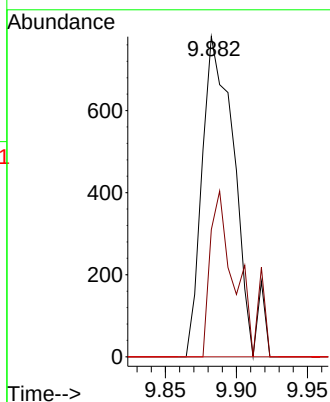
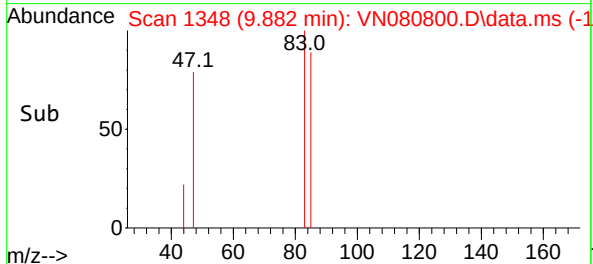
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 83 Resp: 125
Ion Ratio Lower Upper
83 100
85 39.7 52.3 78.5
127 0.0 4.6 7.0

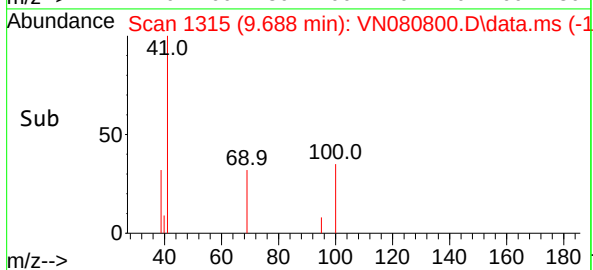
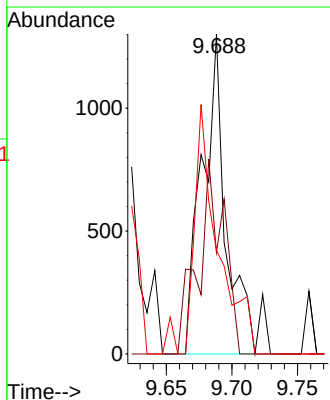
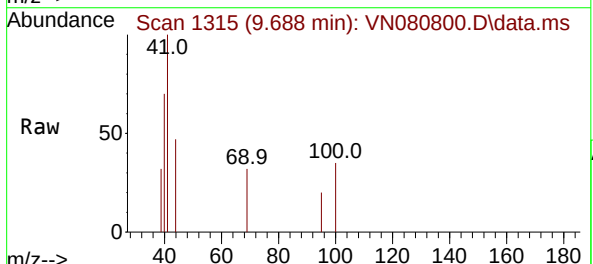
Manual Integrations
APPROVED

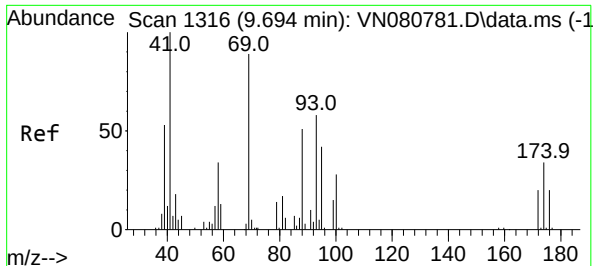
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#48
Methyl methacrylate
Concen: 0.728 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

Tgt Ion: 41 Resp: 1719
Ion Ratio Lower Upper
41 100
69 62.5 62.2 93.2
39 75.2 47.6 71.4





#49

1,4-Dioxane

Concen: 7.597 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080800.D

Acq: 29 Jan 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 88 Resp: 210

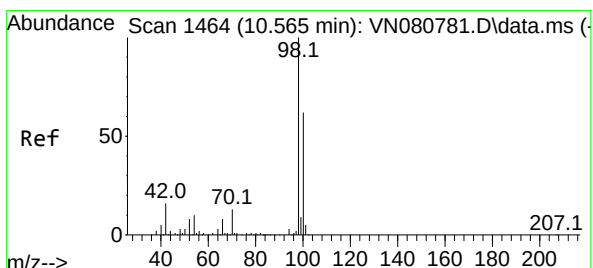
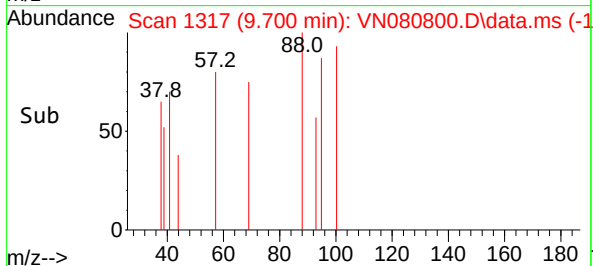
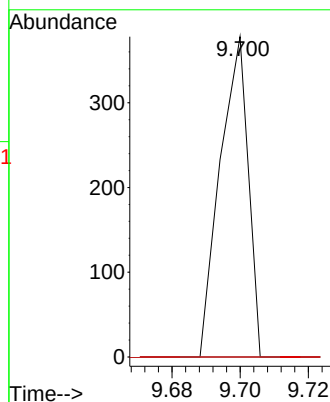
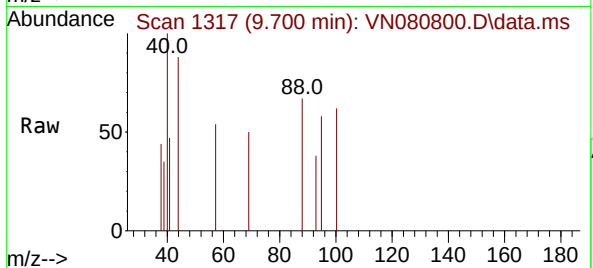
Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.1	45.1
58	0.0	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2024

Supervised By :Mahesh Dadoda 01/30/2024



#50

Toluene-d8

Concen: 46.487 ug/l

RT: 10.570 min Scan# 1465

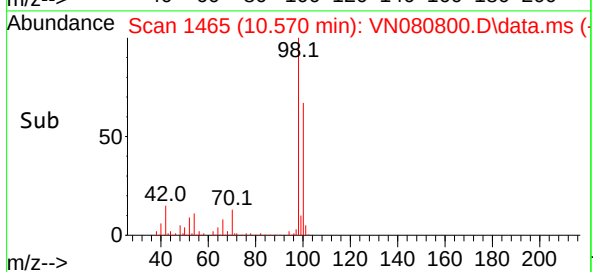
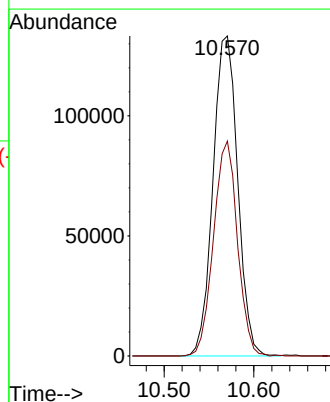
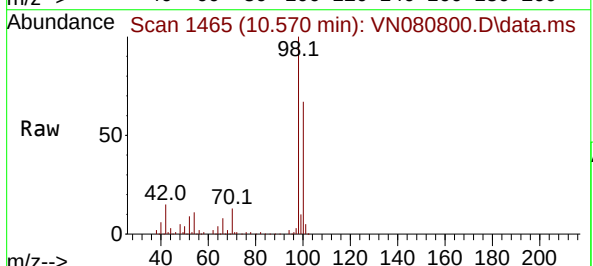
Delta R.T. 0.006 min

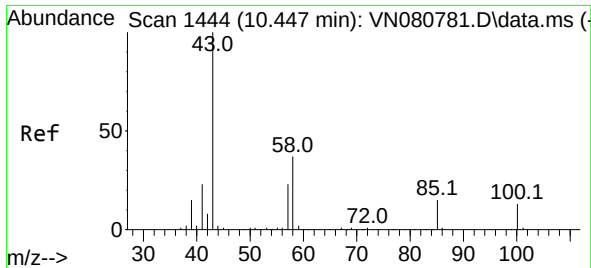
Lab File: VN080800.D

Acq: 29 Jan 2024 18:53

Tgt Ion: 98 Resp: 254318

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.4	77.0





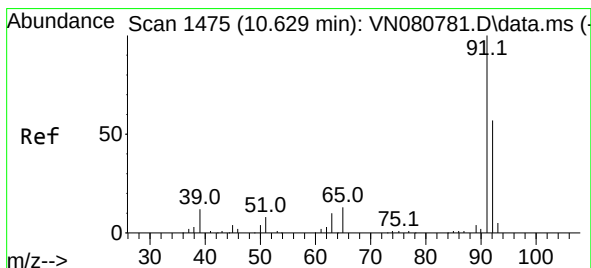
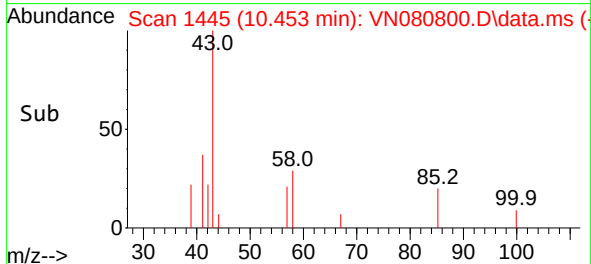
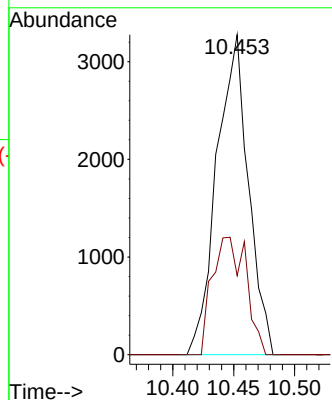
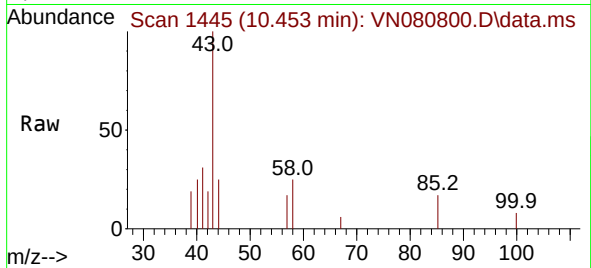
#51
4-Methyl-2-Pentanone
Concen: 2.173 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
58 39.2 29.4 44.0

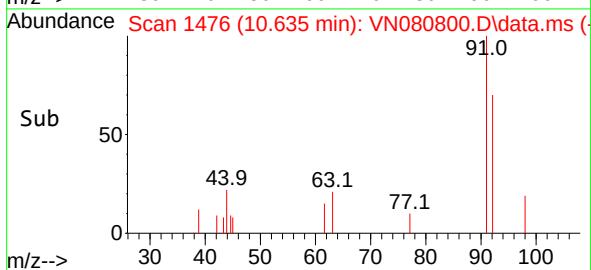
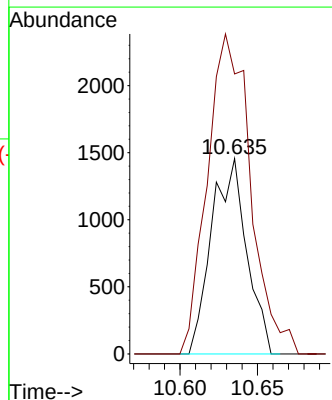
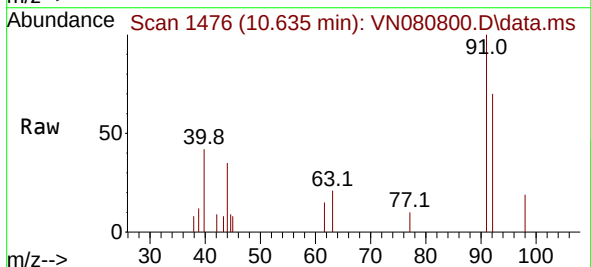
Manual Integrations
APPROVED

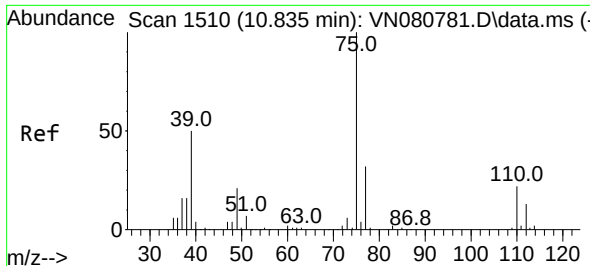
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#52
Toluene
Concen: 0.524 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

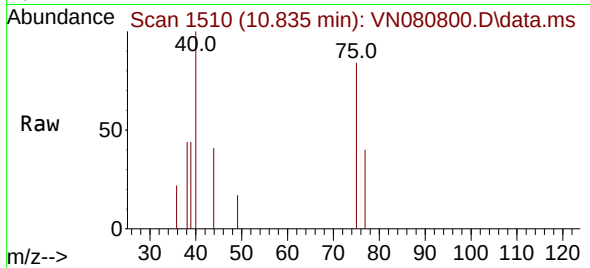
Tgt Ion: 92 Resp: 2294
Ion Ratio Lower Upper
92 100
91 201.7 139.4 209.0





#53
 t-1,3-Dichloropropene
 Concen: 0.375 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN080800.D
 Acq: 29 Jan 2024 18:53

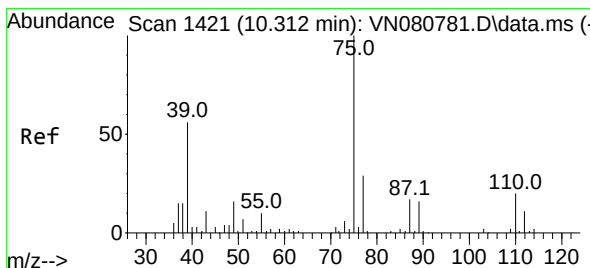
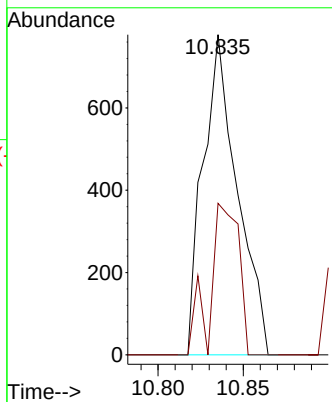
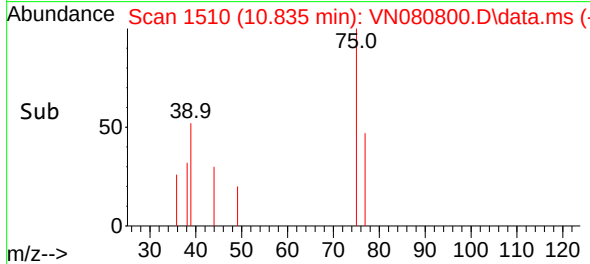
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024



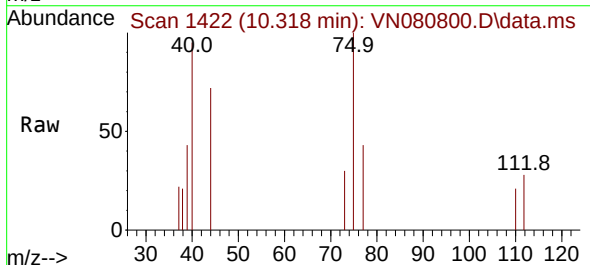
Tgt Ion: 75 Resp: 1085
 Ion Ratio Lower Upper
 75 100
 77 47.3 25.5 38.3

Manual Integrations
 APPROVED

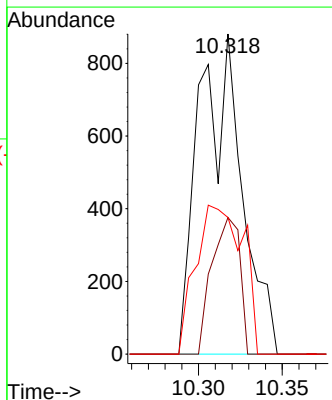
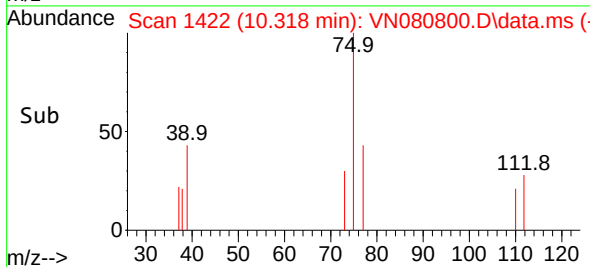
Reviewed By :John Carlone 01/30/2024
 Supervised By :Mahesh Dadoda 01/30/2024

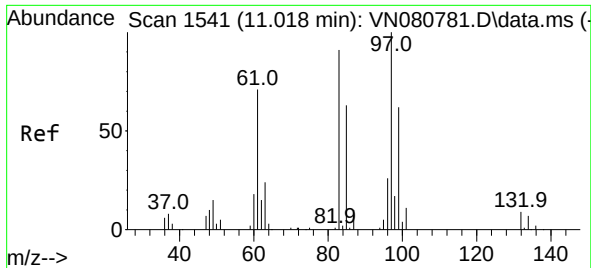


#54
 cis-1,3-Dichloropropene
 Concen: 0.500 ug/l m
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN080800.D
 Acq: 29 Jan 2024 18:53



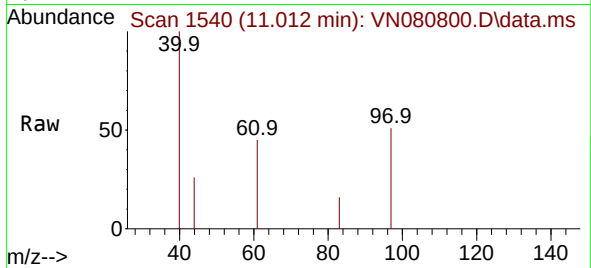
Tgt Ion: 75 Resp: 1574
 Ion Ratio Lower Upper
 75 100
 77 42.7 23.3 34.9#
 39 42.7 44.6 66.8#





#55
1,1,2-Trichloroethane
Concen: 0.544 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

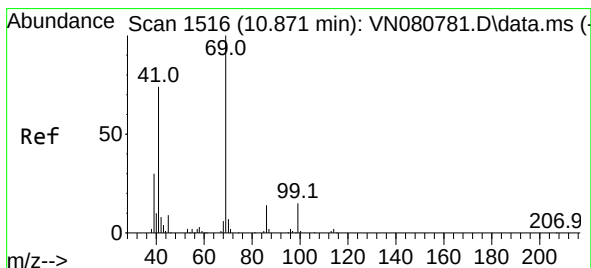
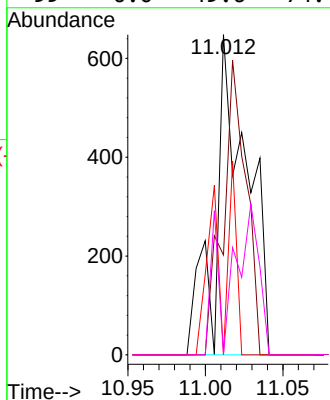
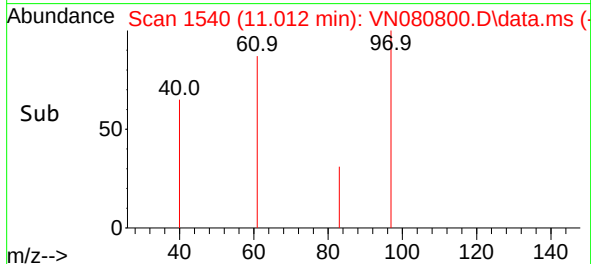
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



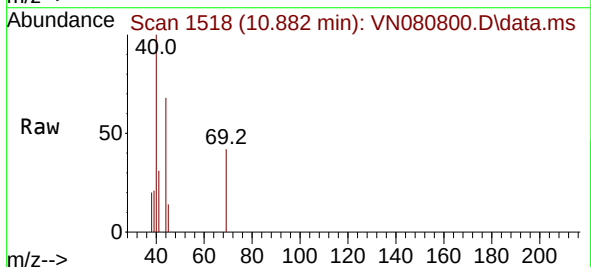
Tgt Ion: 97 Resp: 91.1
Ion Ratio Lower Upper
97 100
83 31.2 72.9 109.3#
85 0.0 50.2 75.2#
99 0.0 49.6 74.4#

Manual Integrations
APPROVED

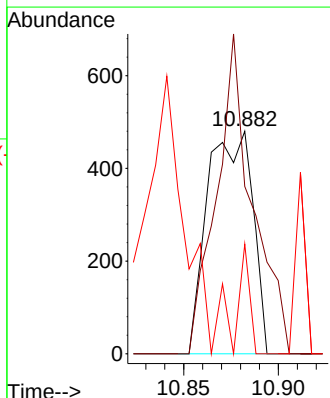
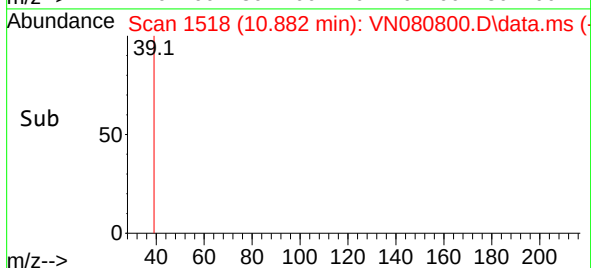
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

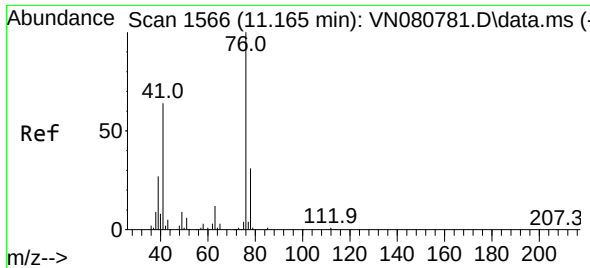


#56
Ethyl methacrylate
Concen: 0.307 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.011 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53



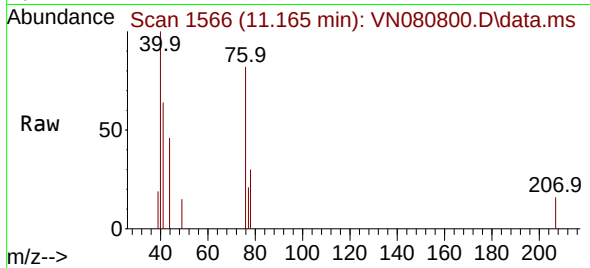
Tgt Ion: 69 Resp: 794
Ion Ratio Lower Upper
69 100
41 114.2 61.0 91.6#
39 10.6 31.8 47.6#





#57
1,3-Dichloropropane
Concen: 0.469 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

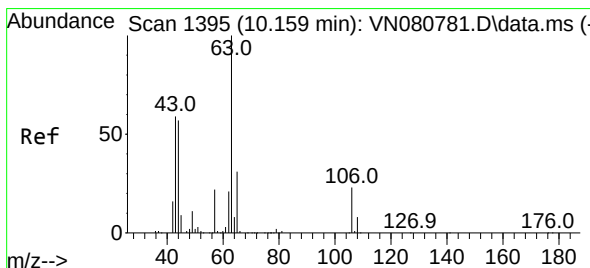
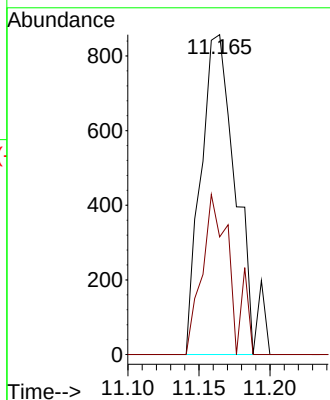
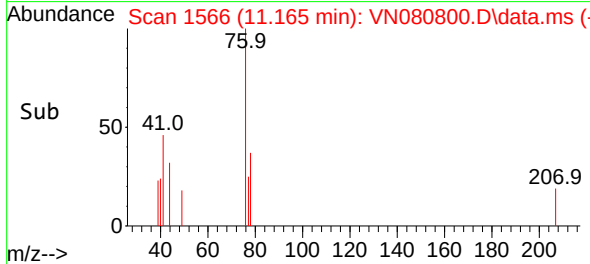
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



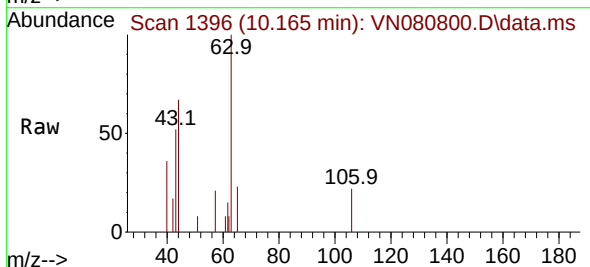
Tgt Ion: 76 Resp: 1480
Ion Ratio Lower Upper
76 100
78 40.1 25.5 38.3

Manual Integrations
APPROVED

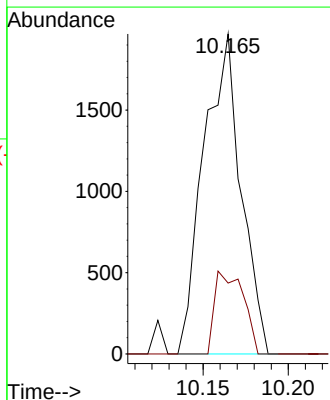
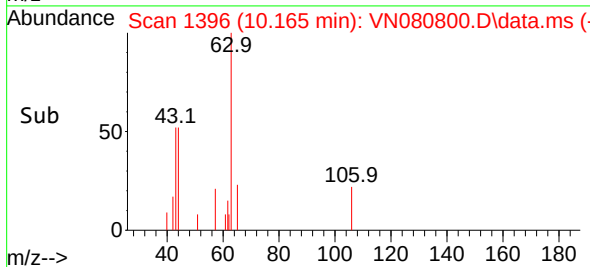
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

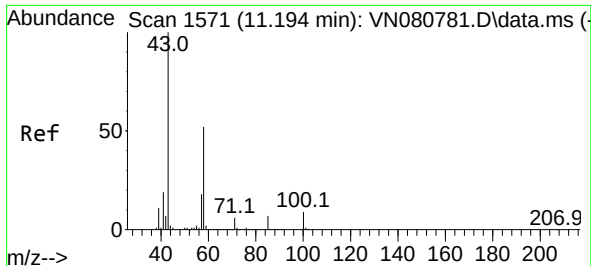


#58
2-Chloroethyl Vinyl ether
Concen: 1.987 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53



Tgt Ion: 63 Resp: 2996
Ion Ratio Lower Upper
63 100
106 19.8 18.6 28.0





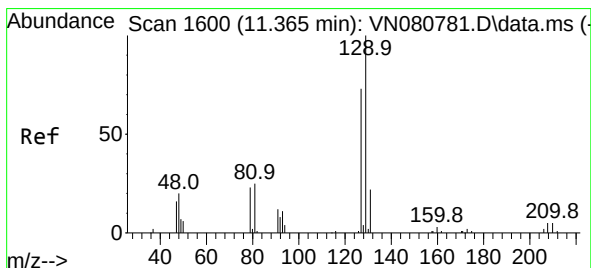
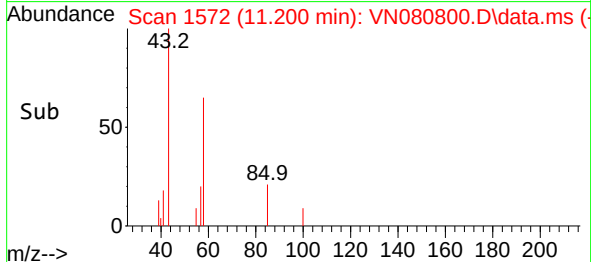
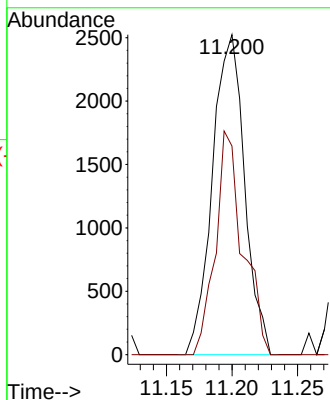
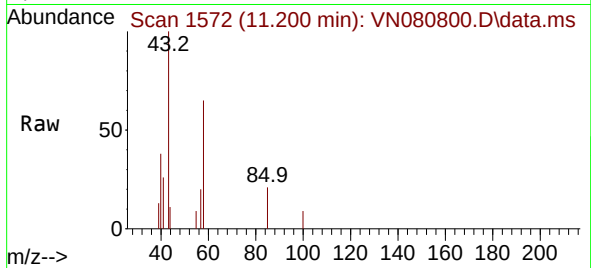
#59
2-Hexanone
Concen: 2.038 ug/l
RT: 11.200 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 43 Resp: 4310
Ion Ratio Lower Upper
43 100
58 59.7 25.9 77.8

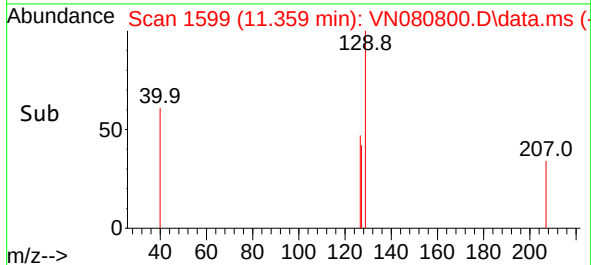
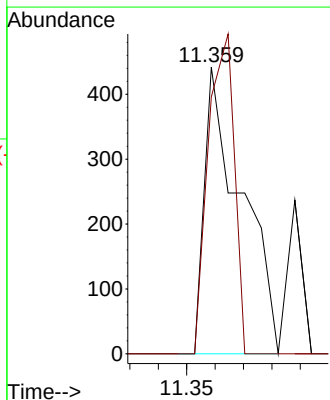
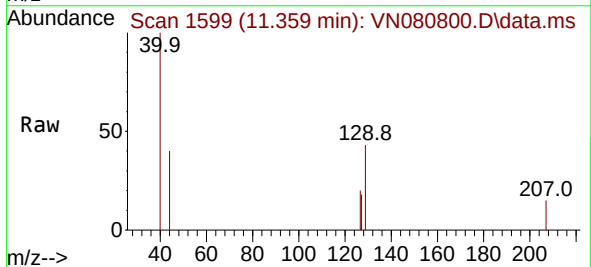
Manual Integrations
APPROVED

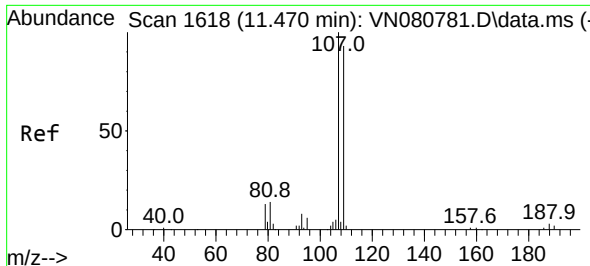
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#60
Dibromochloromethane
Concen: 0.256 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

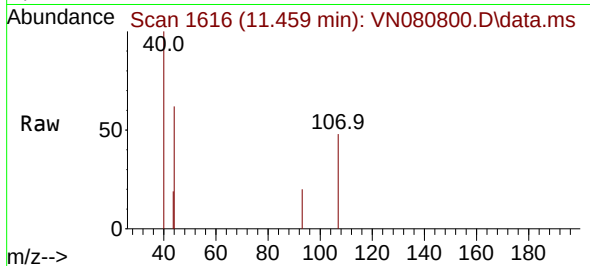
Tgt Ion:129 Resp: 400
Ion Ratio Lower Upper
129 100
127 78.5 39.4 118.2





#61
1,2-Dibromoethane
Concen: 0.423 ug/l m
RT: 11.459 min Scan# 1616
Delta R.T. -0.012 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

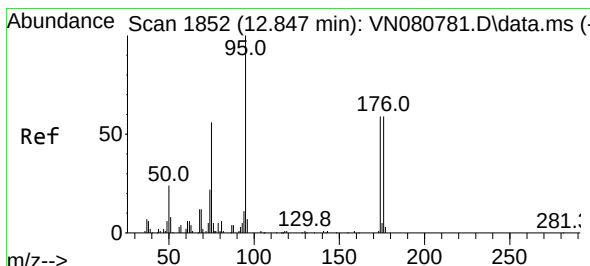
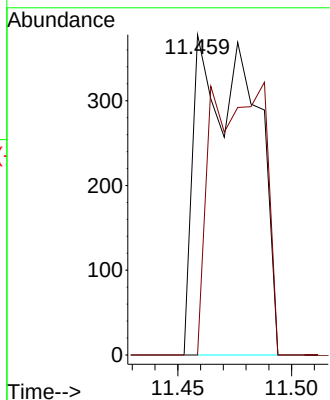
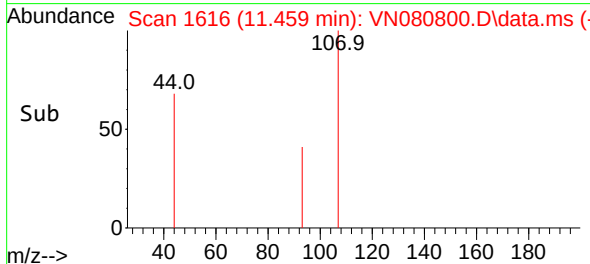
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:107 Resp: 66
Ion Ratio Lower Upper
107 100
109 0.0 73.4 110.2

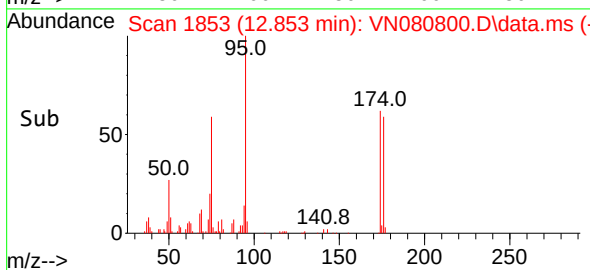
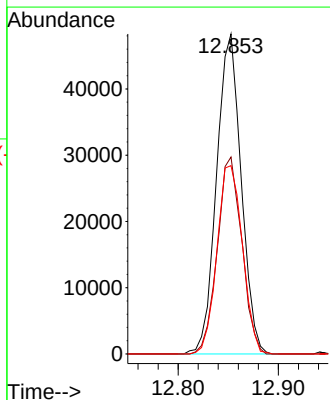
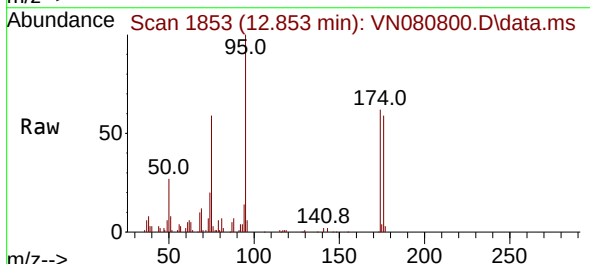
Manual Integrations
APPROVED

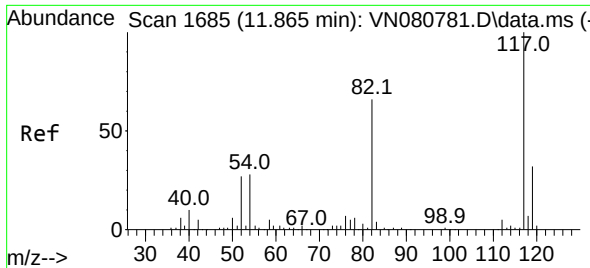
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#62
4-Bromofluorobenzene
Concen: 43.147 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

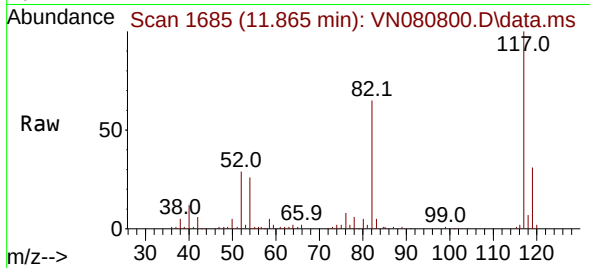
Tgt Ion: 95 Resp: 82254
Ion Ratio Lower Upper
95 100
174 61.1 0.0 120.4
176 61.0 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

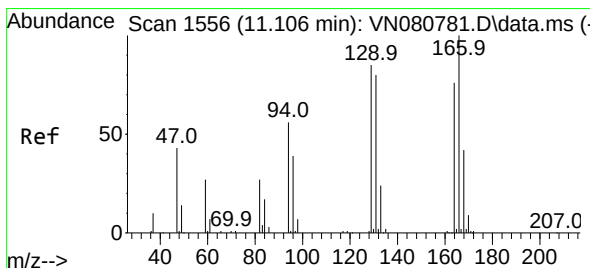
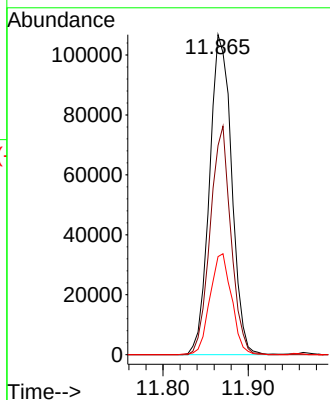
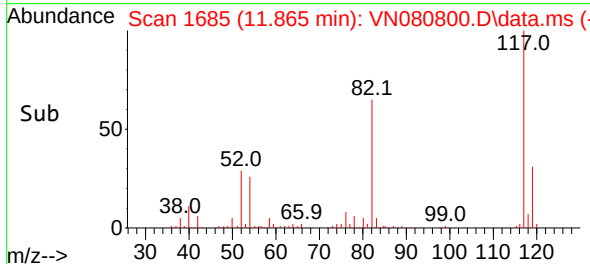
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion:117 Resp: 192779
Ion Ratio Lower Upper
117 100
82 65.3 52.7 79.1
119 30.7 25.3 37.9

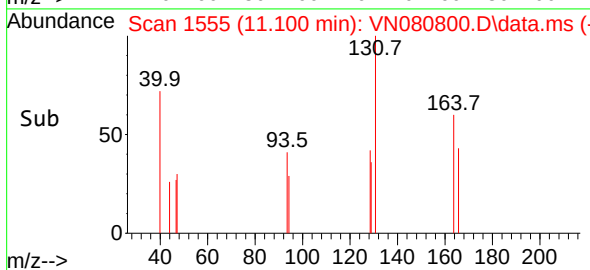
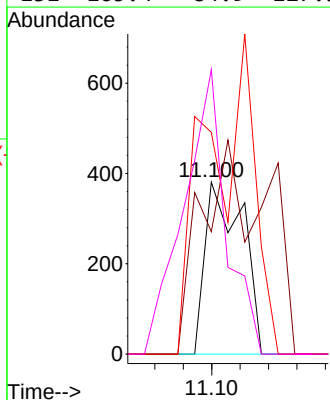
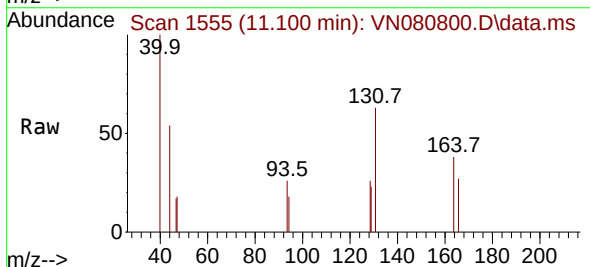
Manual Integrations
APPROVED

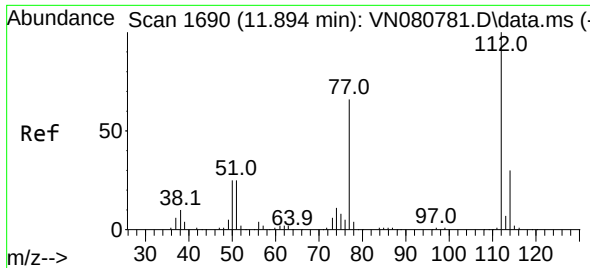
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#64
Tetrachloroethene
Concen: 0.275 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

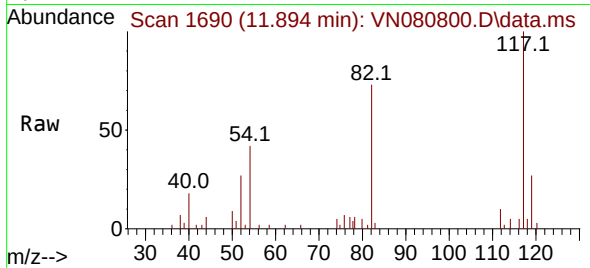
Tgt Ion:164 Resp: 348
Ion Ratio Lower Upper
164 100
166 71.1 105.8 158.6#
129 128.9 89.6 134.4
131 165.4 84.9 127.3#





#65
Chlorobenzene
Concen: 0.368 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

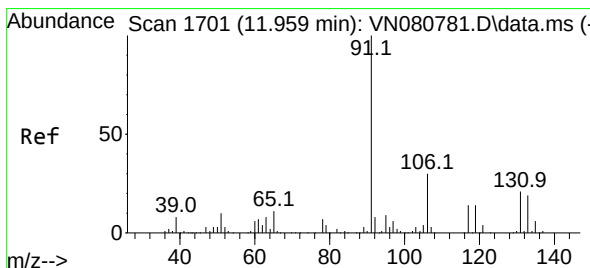
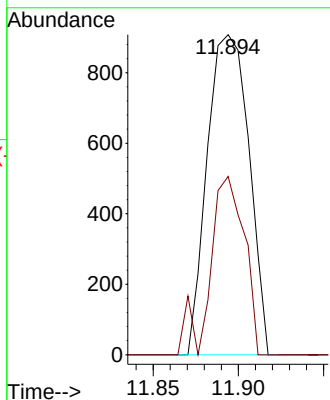
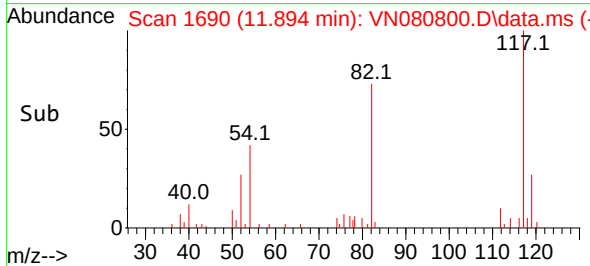
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



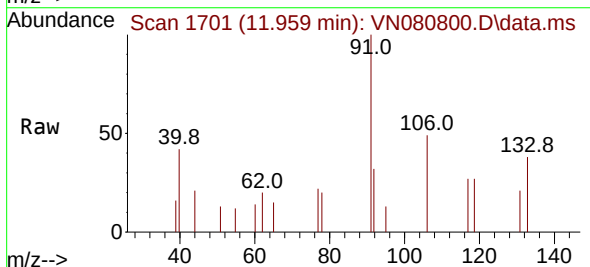
Tgt Ion:112 Resp: 154
Ion Ratio Lower Upper
112 100
114 55.7 23.7 35.5

Manual Integrations
APPROVED

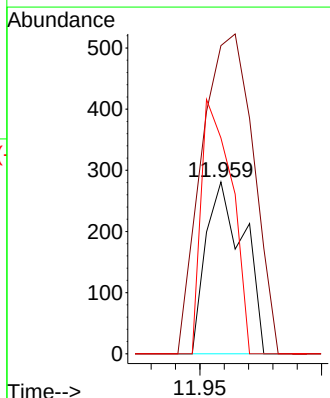
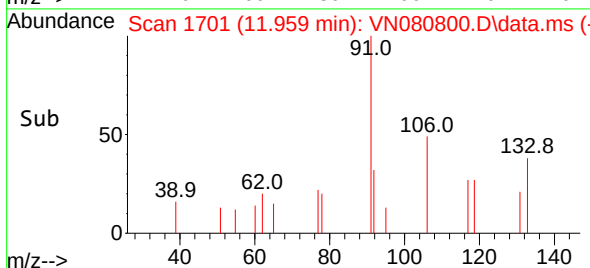
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

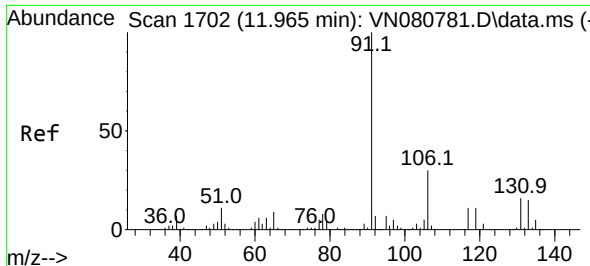


#66
1,1,1,2-Tetrachloroethane
Concen: 0.223 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53



Tgt Ion:131 Resp: 305
Ion Ratio Lower Upper
131 100
133 252.1 46.8 140.3#
119 0.0 34.6 103.9#





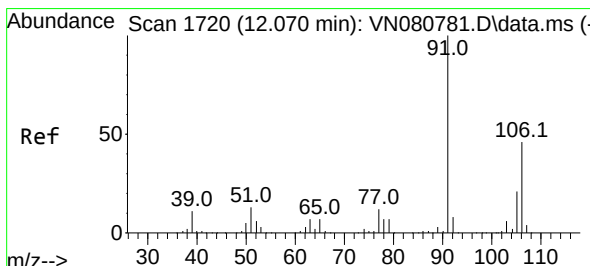
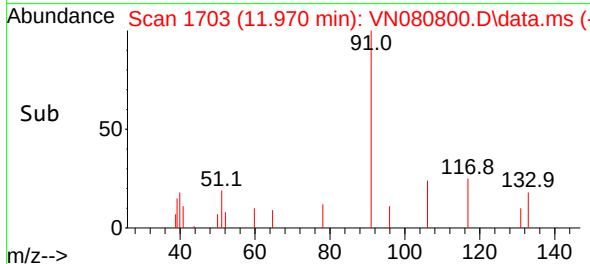
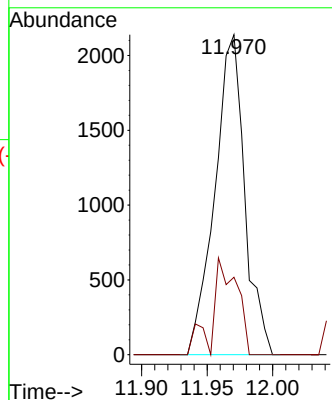
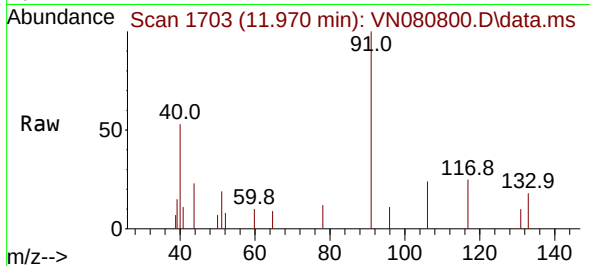
#67
Ethyl Benzene
Concen: 0.433 ug/l
RT: 11.970 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 91 Resp: 338
Ion Ratio Lower Upper
91 100
106 24.2 23.8 35.6

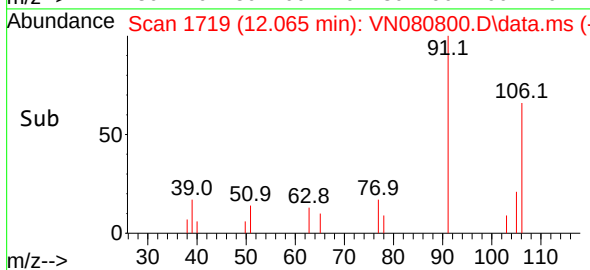
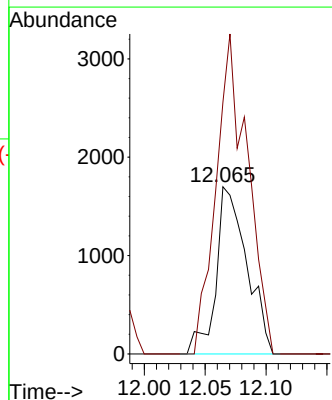
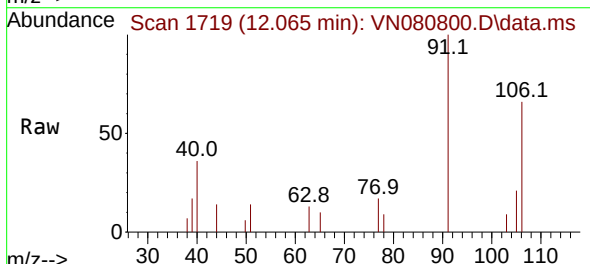
Manual Integrations
APPROVED

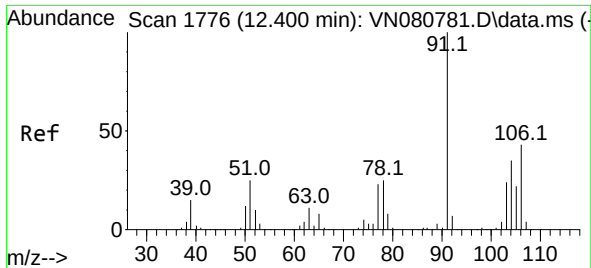
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#68
m/p-Xylenes
Concen: 1.077 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

Tgt Ion:106 Resp: 2992
Ion Ratio Lower Upper
106 100
91 195.8 169.0 253.6





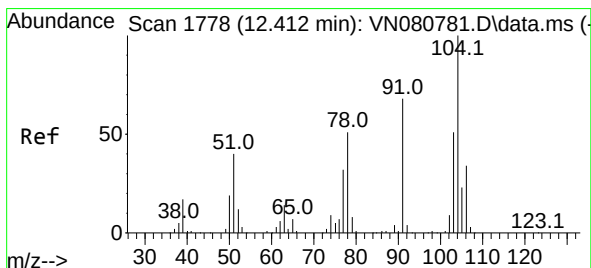
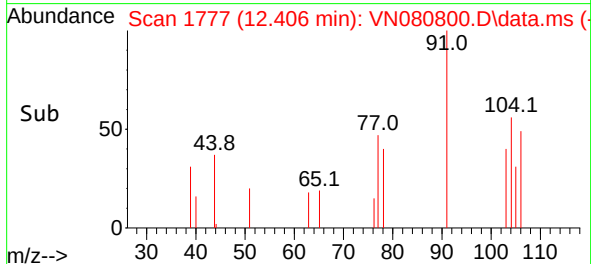
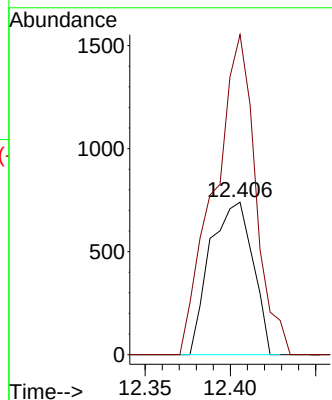
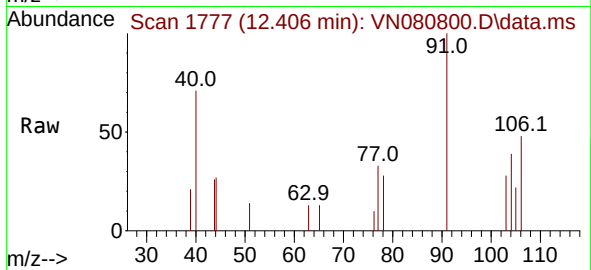
#69
o-Xylene
Concen: 0.469 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:106 Resp: 129
Ion Ratio Lower Upper
106 100
91 202.3 112.1 336.3

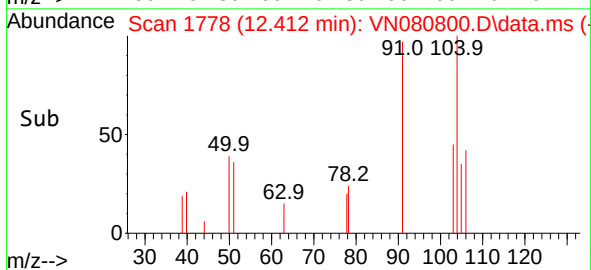
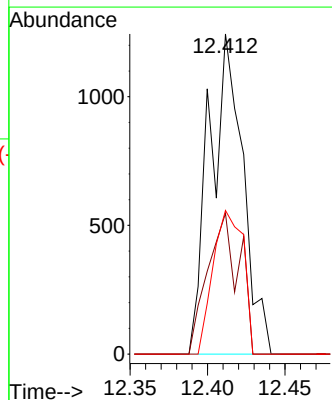
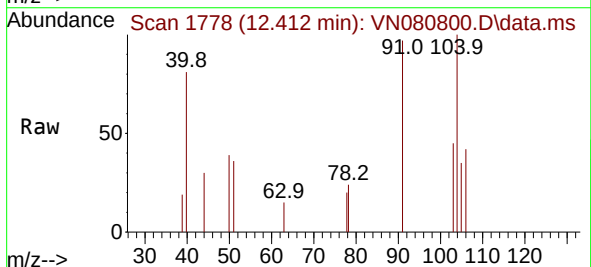
Manual Integrations
APPROVED

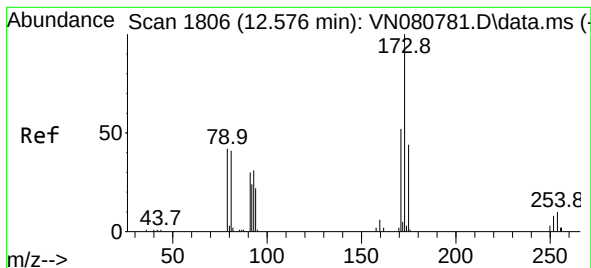
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#70
Styrene
Concen: 0.421 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

Tgt Ion:104 Resp: 1864
Ion Ratio Lower Upper
104 100
78 41.5 43.8 65.8#
103 40.6 44.2 66.2#





#71

Bromoform

Concen: 0.599 ug/l

RT: 12.570 min Scan# 1805

Delta R.T. -0.006 min

Lab File: VN080800.D

Acq: 29 Jan 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

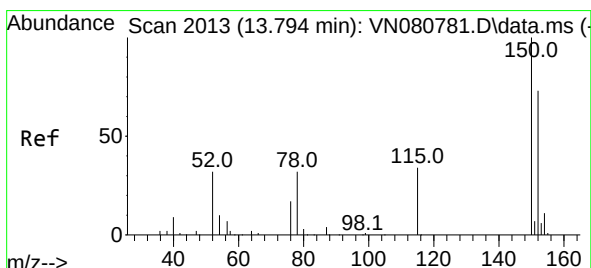
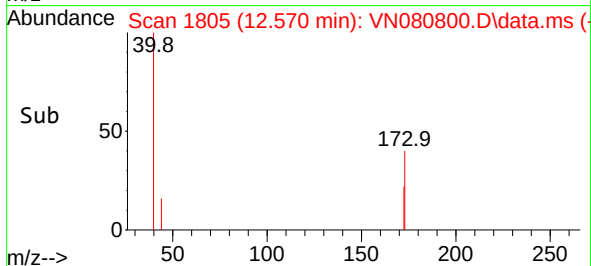
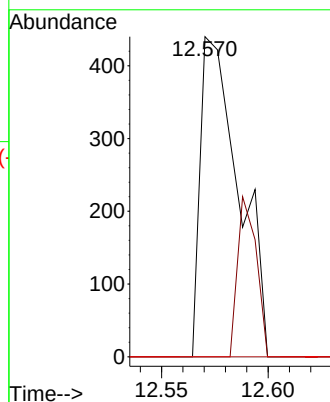
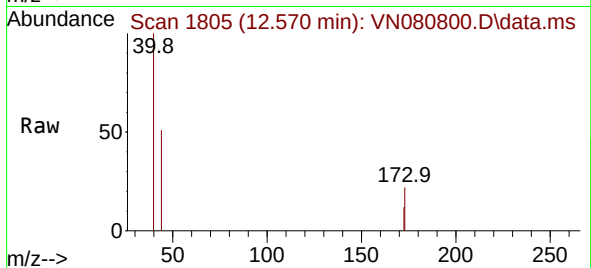
Tgt Ion:173	Resp:	554
Ion Ratio	Lower	Upper
173	100	
175	24.2	23.1 69.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2024

Supervised By :Mahesh Dadoda 01/30/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

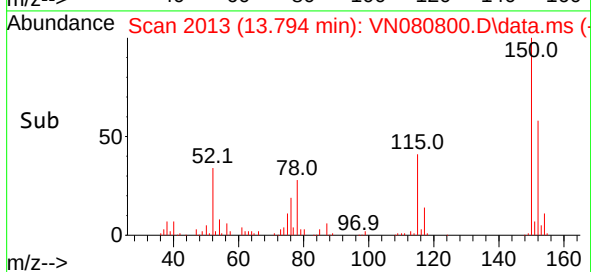
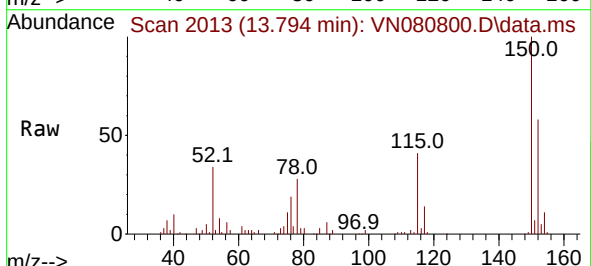
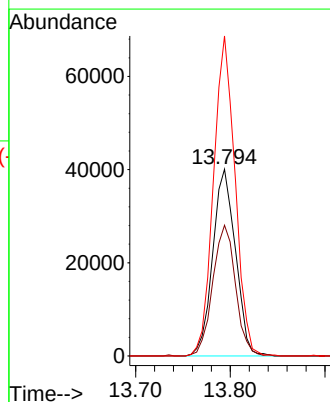
RT: 13.794 min Scan# 2013

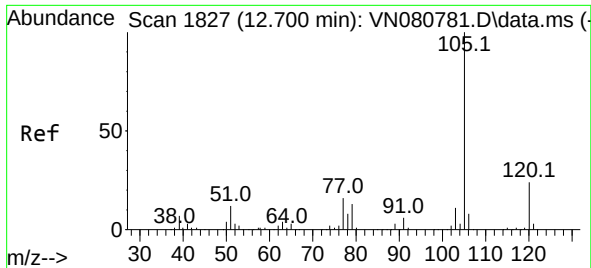
Delta R.T. -0.000 min

Lab File: VN080800.D

Acq: 29 Jan 2024 18:53

Tgt Ion:152	Resp:	66902
Ion Ratio	Lower	Upper
152	100	
115	70.2	32.3 96.8
150	162.3	0.0 339.8





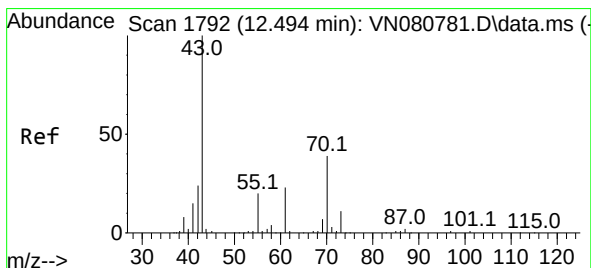
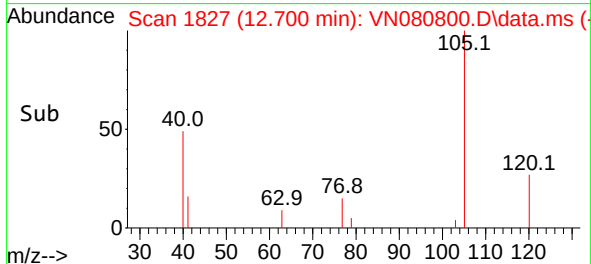
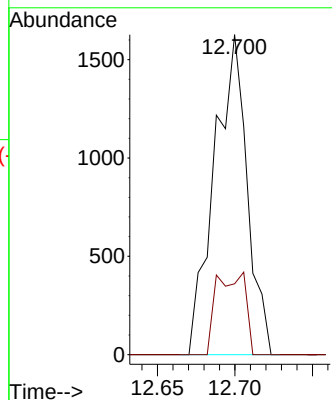
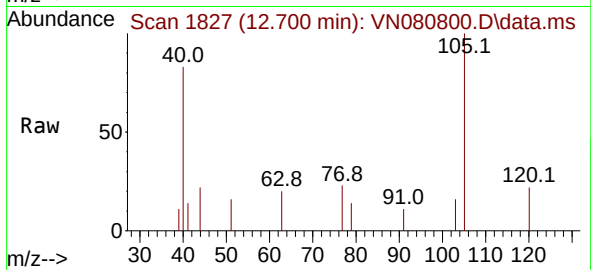
#73
Isopropylbenzene
Concen: 0.391 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

Tgt Ion:105 Resp: 2390
Ion Ratio Lower Upper
105 100
120 22.6 12.6 37.6

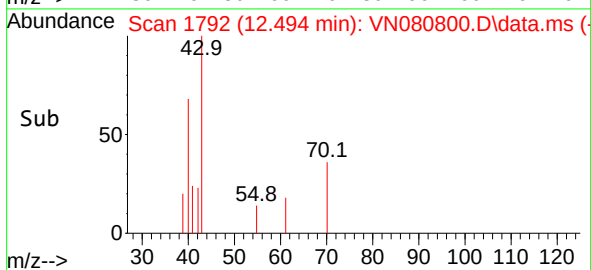
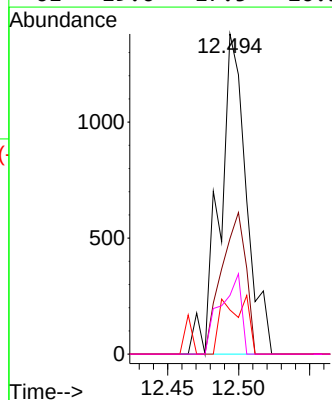
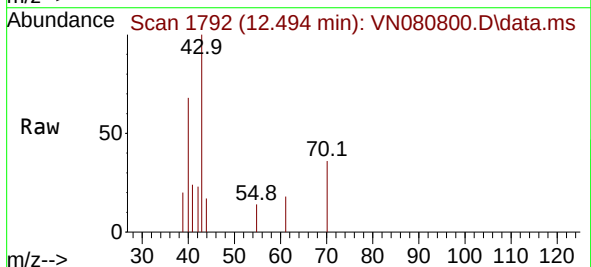
Manual Integrations
APPROVED

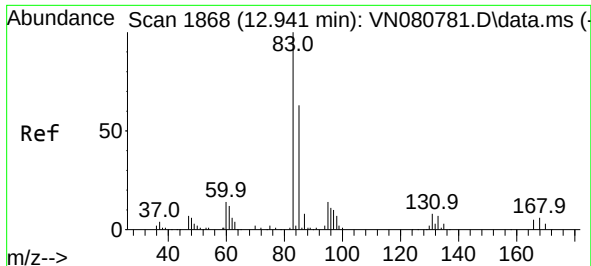
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#74
N-ethyl acetate
Concen: 0.474 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

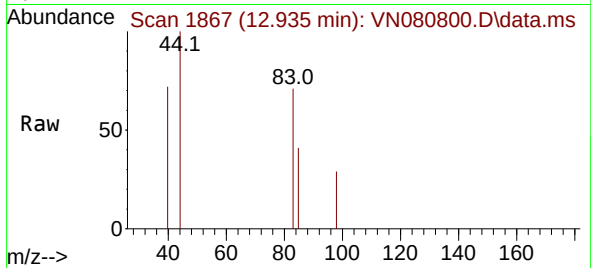
Tgt Ion: 43 Resp: 1802
Ion Ratio Lower Upper
43 100
70 40.5 30.1 45.1
55 16.4 17.0 25.4#
61 19.6 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 0.469 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

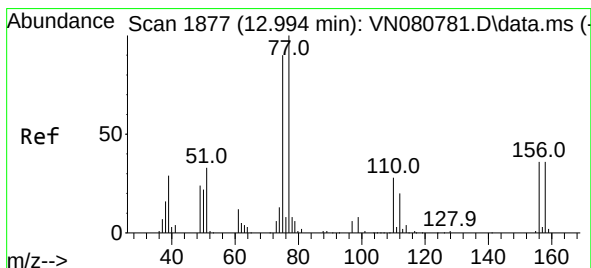
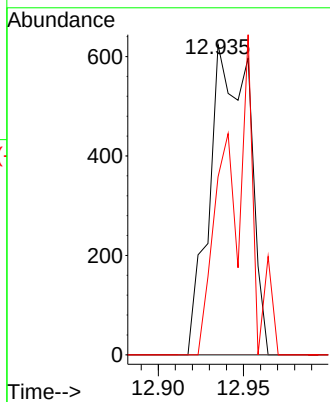
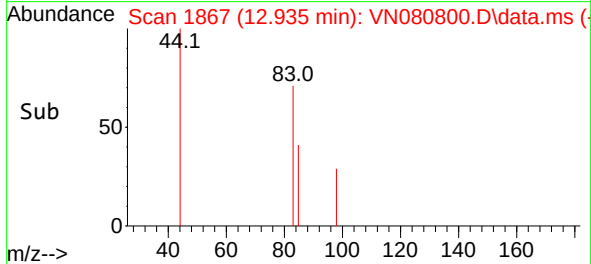
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



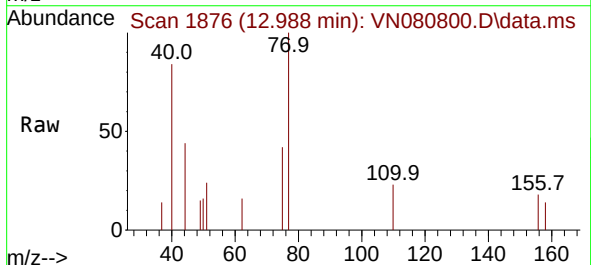
Tgt Ion: 83 Resp: 101
Ion Ratio Lower Upper
83 100
131 0.0 4.1 12.3
85 39.7 32.1 96.3

Manual Integrations
APPROVED

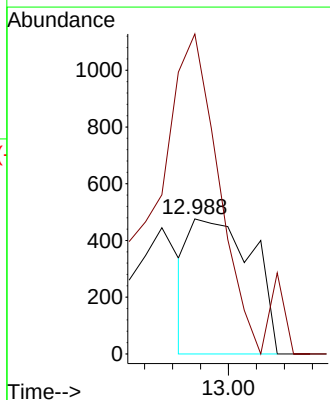
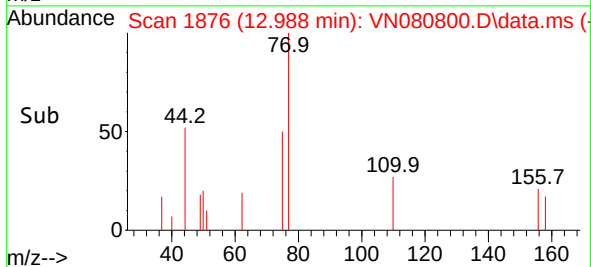
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

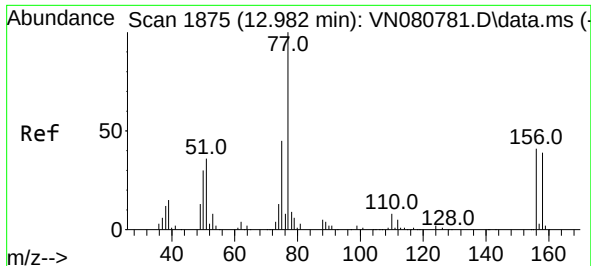


#76
1,2,3-Trichloropropane
Concen: 0.369 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53



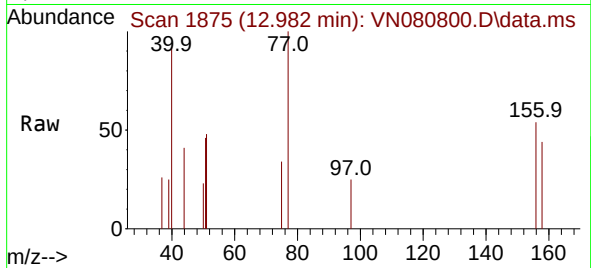
Tgt Ion: 75 Resp: 744
Ion Ratio Lower Upper
75 100
77 93.4 91.0 272.8





#77
Bromobenzene
Concen: 0.395 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

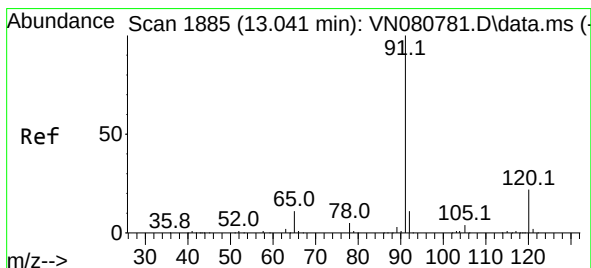
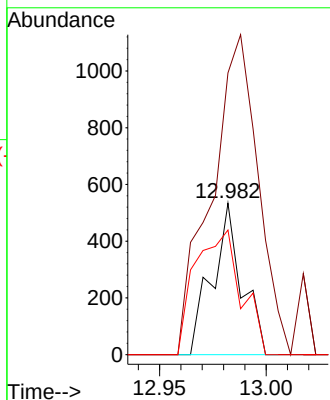
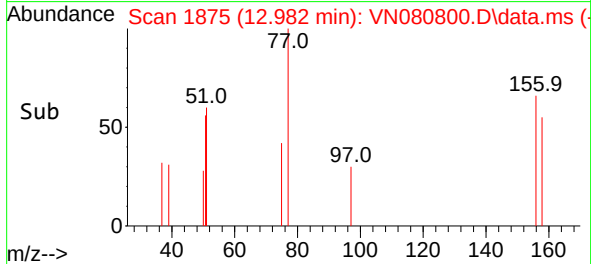
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



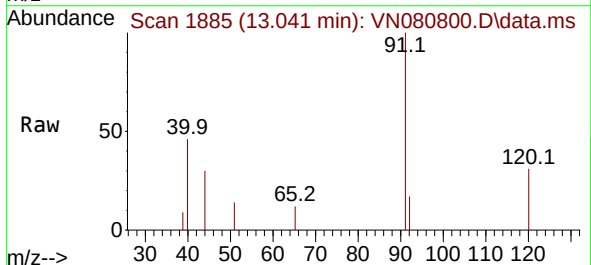
Tgt Ion:156 Resp: 517
Ion Ratio Lower Upper
156 100
77 334.2 138.1 414.3
158 127.3 46.5 139.5

Manual Integrations
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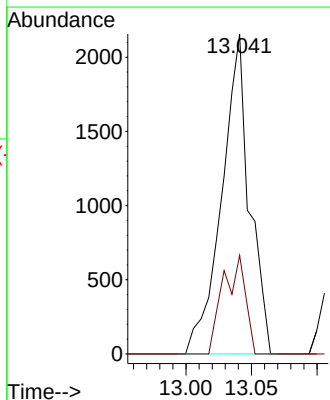
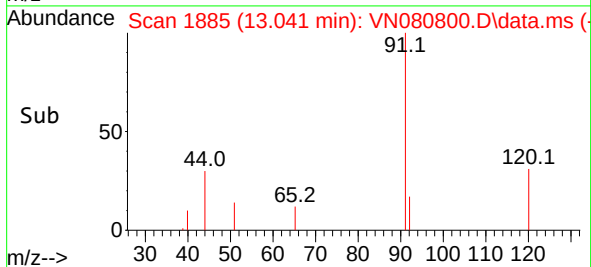
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

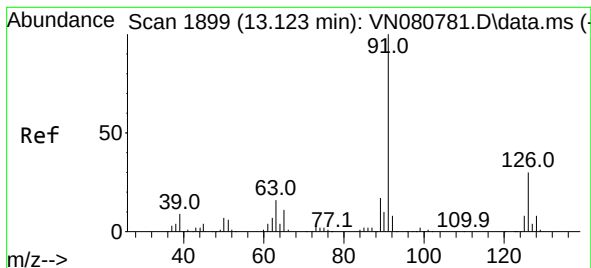


#78
n-propylbenzene
Concen: 0.432 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53



Tgt Ion: 91 Resp: 3164
Ion Ratio Lower Upper
91 100
120 24.9 10.3 30.9





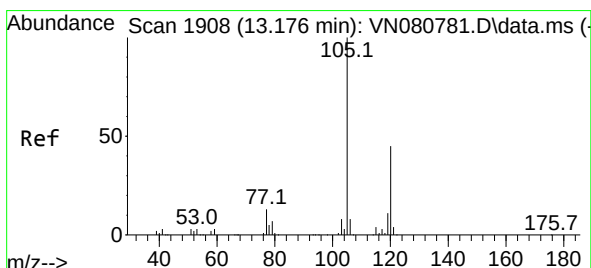
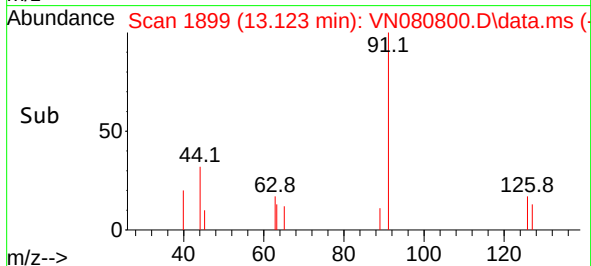
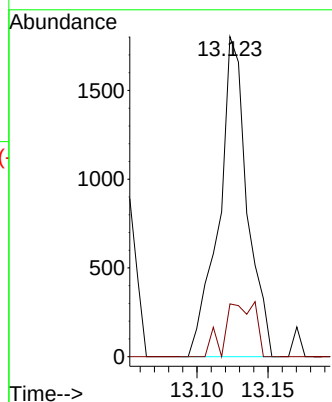
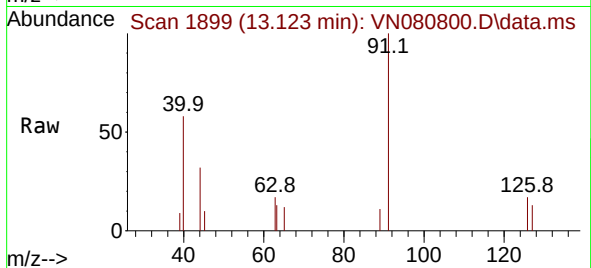
#79
2-Chlorotoluene
Concen: 0.537 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 91 Resp: 249
Ion Ratio Lower Upper
91 100
126 18.4 14.8 44.4

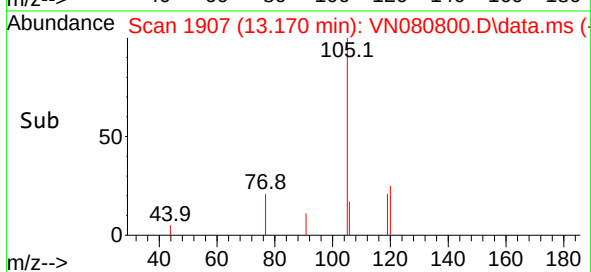
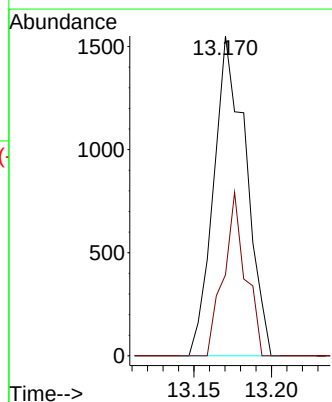
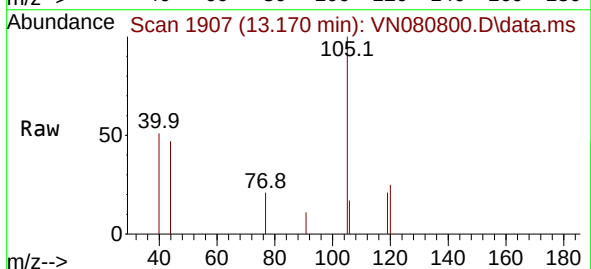
Manual Integrations
APPROVED

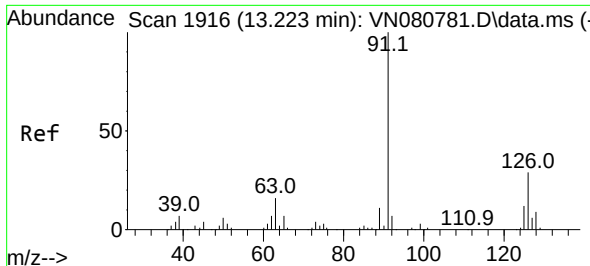
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#80
1,3,5-Trimethylbenzene
Concen: 0.459 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

Tgt Ion:105 Resp: 2240
Ion Ratio Lower Upper
105 100
120 34.5 23.0 69.0





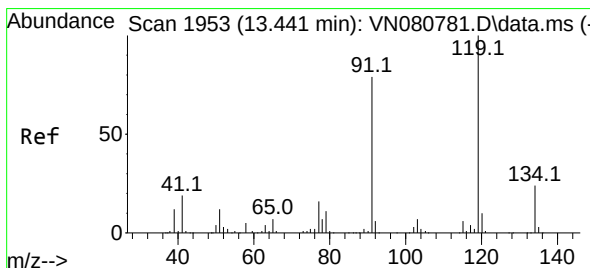
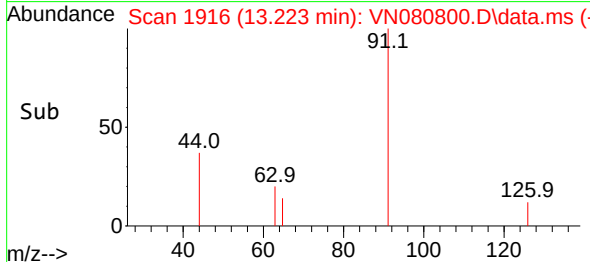
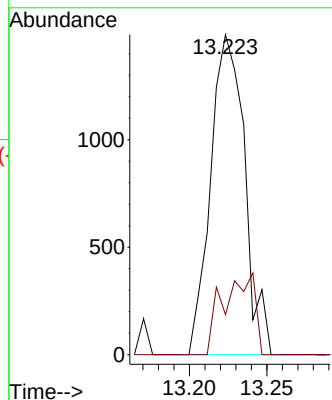
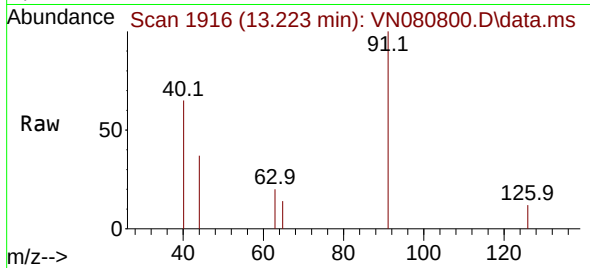
#82
4-Chlorotoluene
Concen: 0.493 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 91 Resp: 227
Ion Ratio Lower Upper
91 100
126 23.6 15.3 45.9

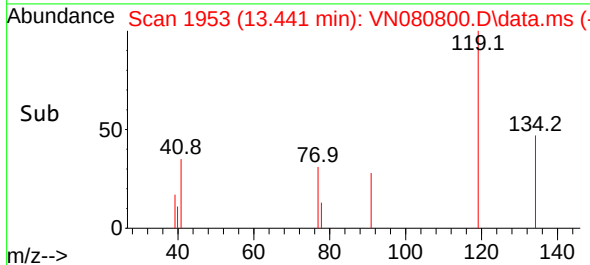
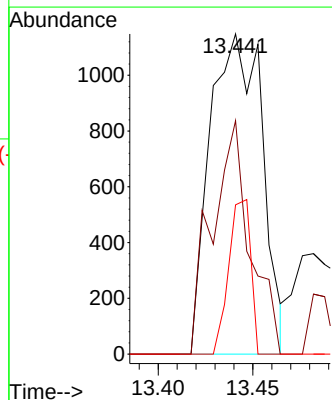
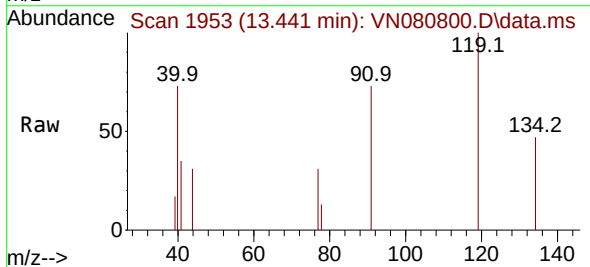
Manual Integrations
APPROVED

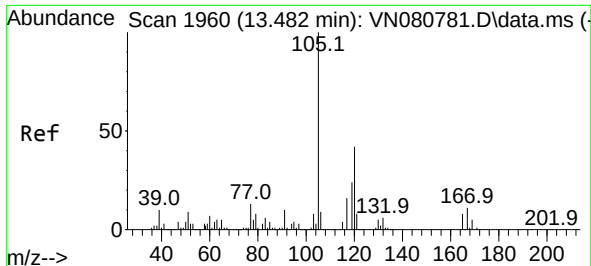
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#83
tert-Butylbenzene
Concen: 0.564 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

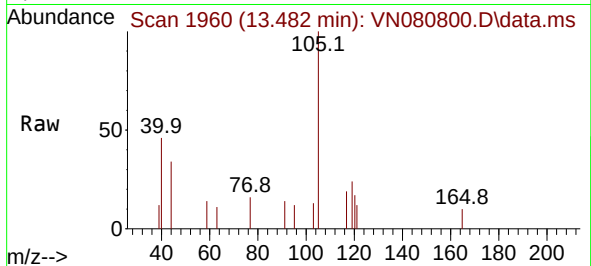
Tgt Ion:119 Resp: 2198
Ion Ratio Lower Upper
119 100
91 53.4 36.8 110.4
134 20.3 12.4 37.4





#84
1,2,4-Trimethylbenzene
Concen: 0.437 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

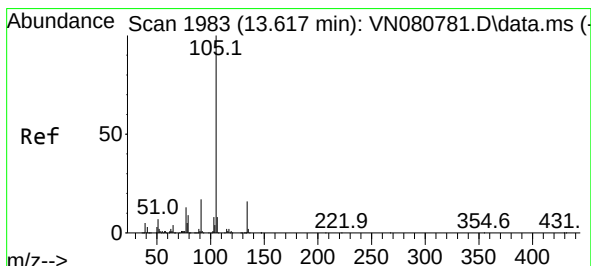
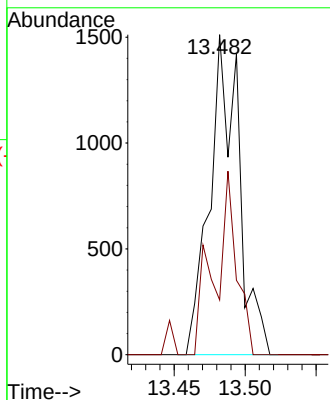
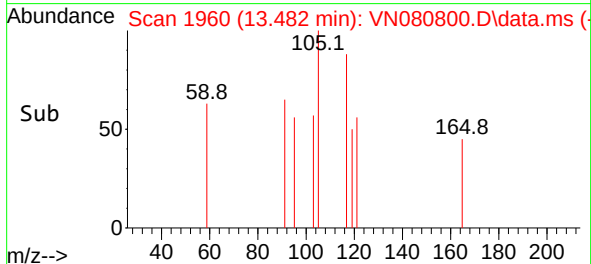
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



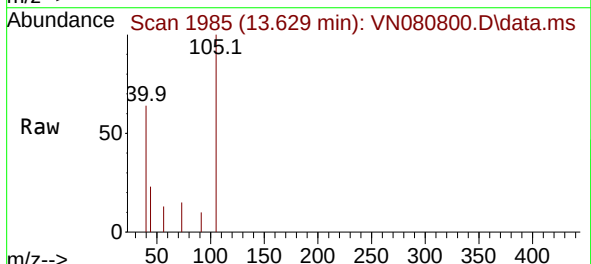
Tgt Ion:105 Resp: 2159
Ion Ratio Lower Upper
105 100
120 43.1 20.9 62.7

Manual Integrations
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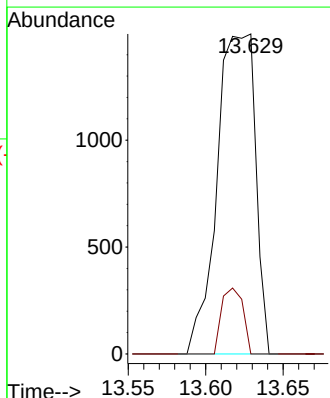
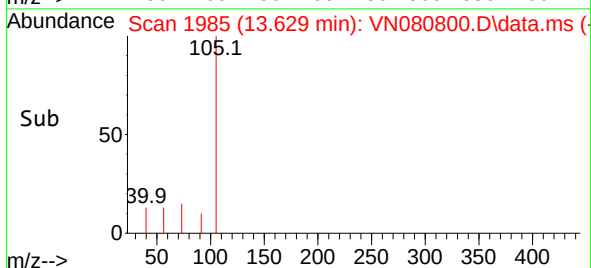
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

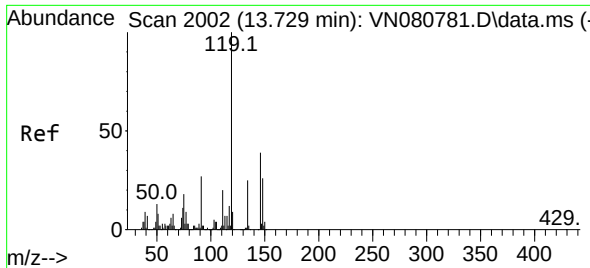


#85
sec-Butylbenzene
Concen: 0.448 ug/l
RT: 13.629 min Scan# 1985
Delta R.T. 0.012 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53



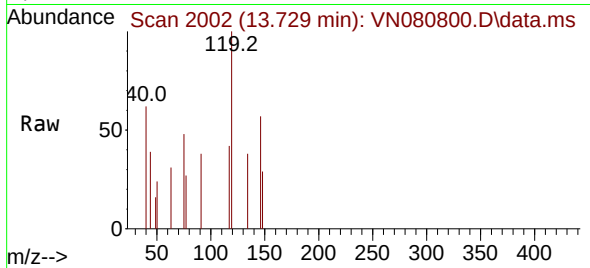
Tgt Ion:105 Resp: 2575
Ion Ratio Lower Upper
105 100
134 11.5 8.6 25.8





#86
p-Isopropyltoluene
Concen: 0.349 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

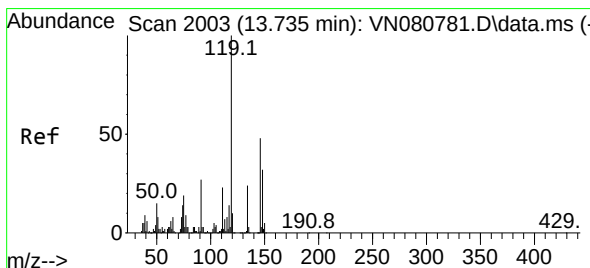
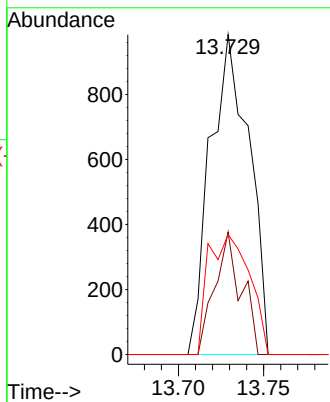
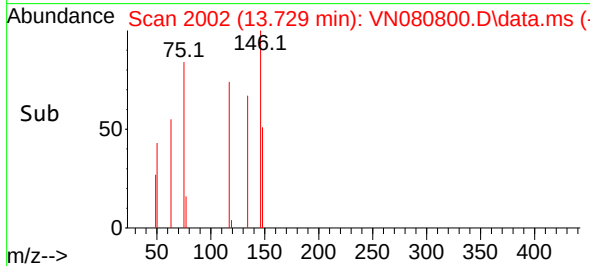
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



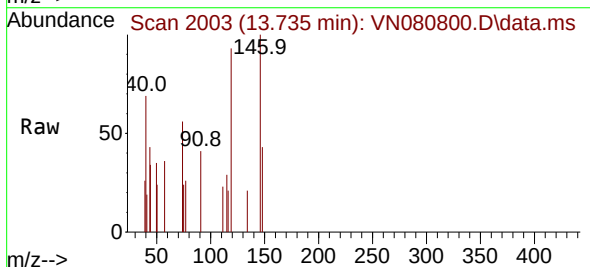
Tgt Ion:119 Resp: 1559
Ion Ratio Lower Upper
119 100
134 26.1 12.4 37.2
91 39.9 13.5 40.4

Manual Integrations
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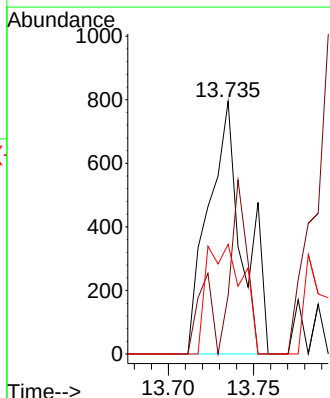
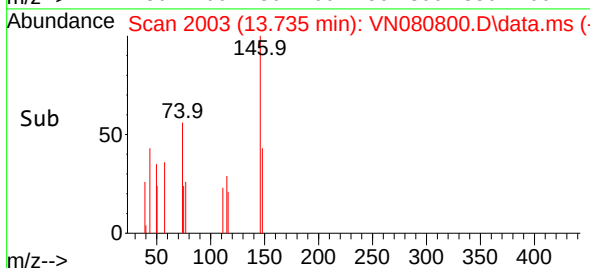
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

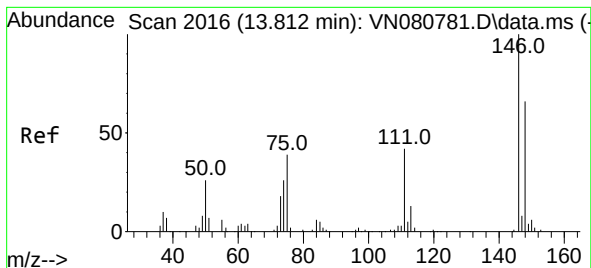


#87
1,3-Dichlorobenzene
Concen: 0.479 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53



Tgt Ion:146 Resp: 1121
Ion Ratio Lower Upper
146 100
111 32.1 23.9 71.7
148 45.7 32.6 97.7





#88

1,4-Dichlorobenzene

Concen: 0.547 ug/l m

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN080800.D

Acq: 29 Jan 2024 18:53

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

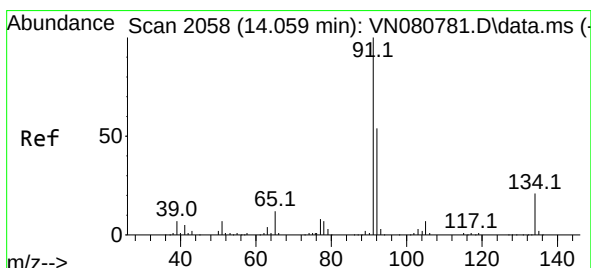
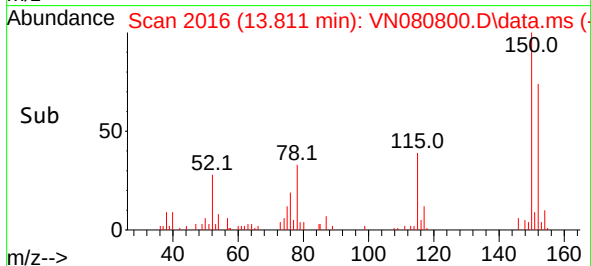
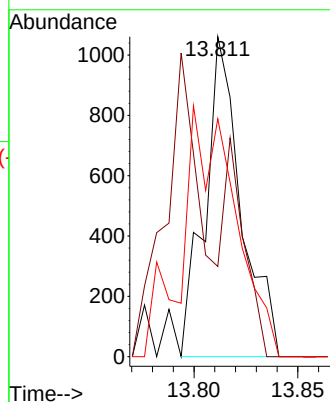
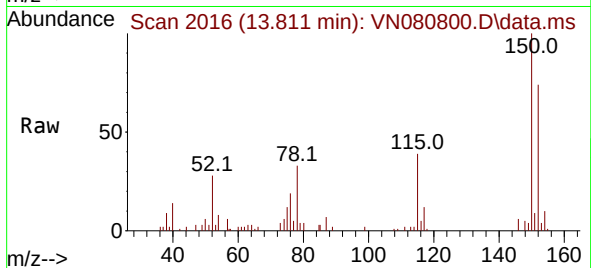
Tgt Ion:146	Resp:	1284
Ion Ratio	Lower	Upper
146	100	
111	28.0	22.6 67.7
148	39.9	31.9 95.5

Manual Integrations

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Reviewed By :John Carlone 01/30/2024

Supervised By :Mahesh Dadoda 01/30/2024



#89

n-Butylbenzene

Concen: 0.420 ug/l

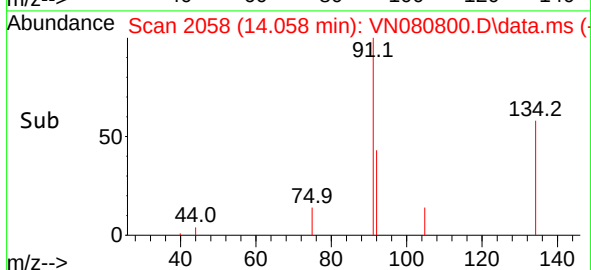
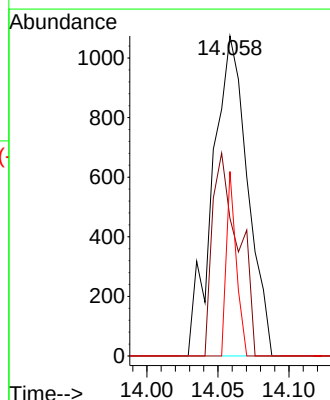
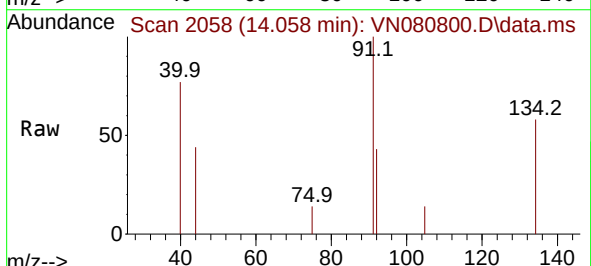
RT: 14.058 min Scan# 2058

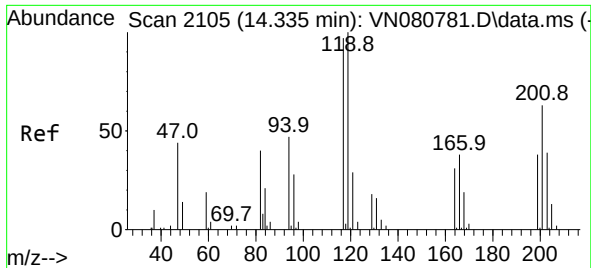
Delta R.T. -0.000 min

Lab File: VN080800.D

Acq: 29 Jan 2024 18:53

Tgt Ion: 91	Resp:	1833
Ion Ratio	Lower	Upper
91	100	
92	47.1	26.7 80.1
134	16.1	10.8 32.4





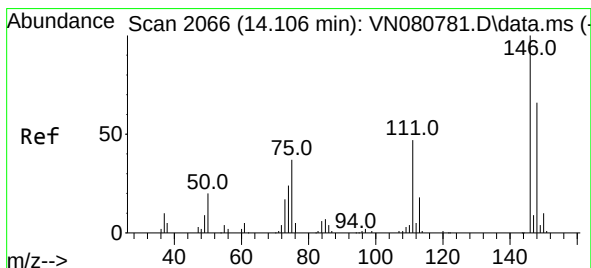
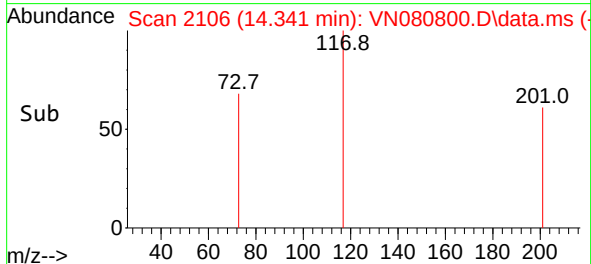
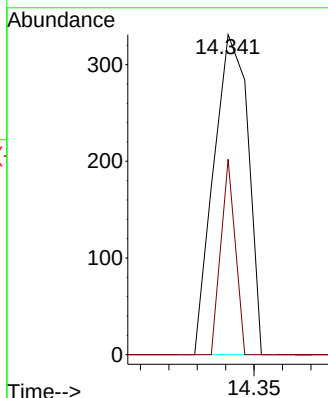
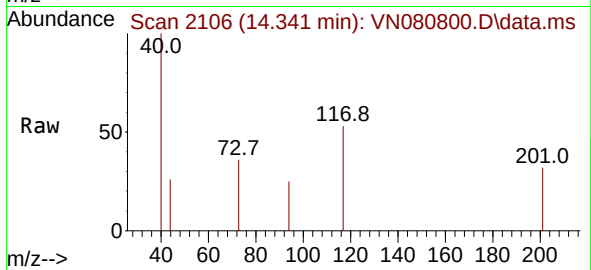
#90
Hexachloroethane
Concen: 0.356 ug/l
RT: 14.341 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:117 Resp: 278
Ion Ratio Lower Upper
117 100
201 25.5 30.0 90.0

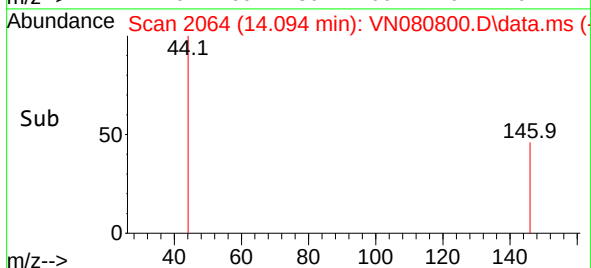
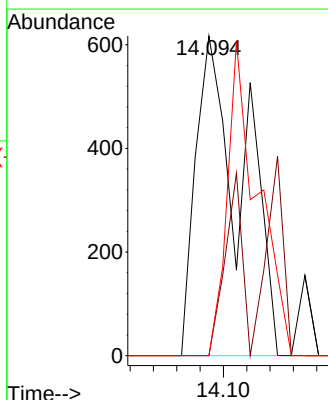
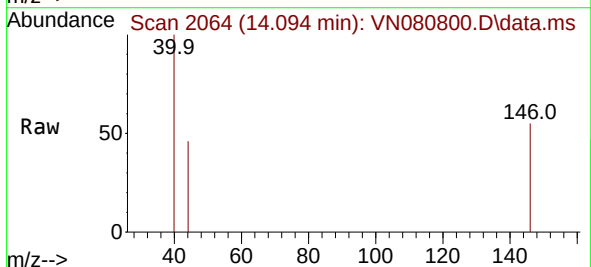
Manual Integrations
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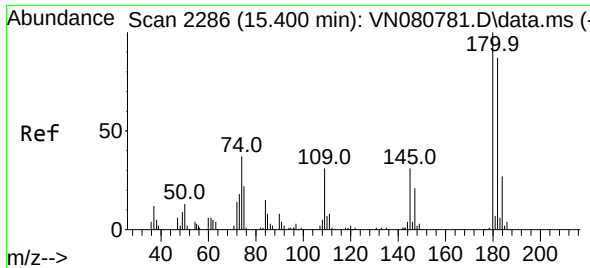
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#91
1,2-Dichlorobenzene
Concen: 0.398 ug/l m
RT: 14.094 min Scan# 2064
Delta R.T. -0.012 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

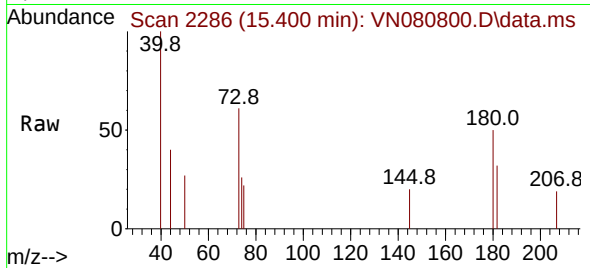
Tgt Ion:146 Resp: 854
Ion Ratio Lower Upper
146 100
111 21.0 23.9 71.8#
148 64.3 31.4 94.0





#93
1,2,4-Trichlorobenzene
Concen: 0.204 ug/l m
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53

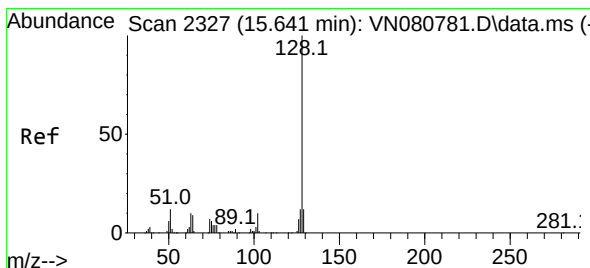
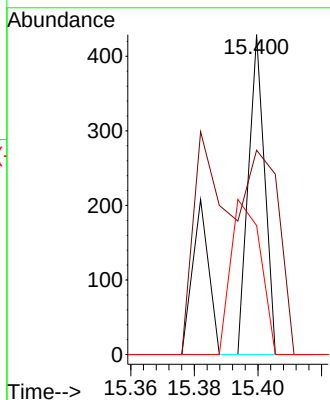
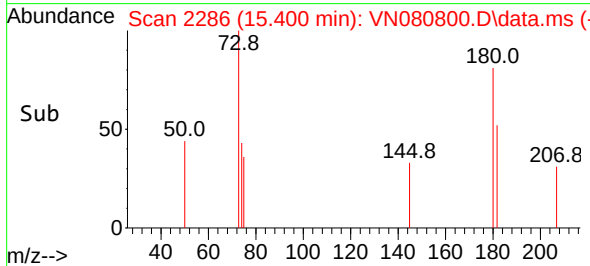
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



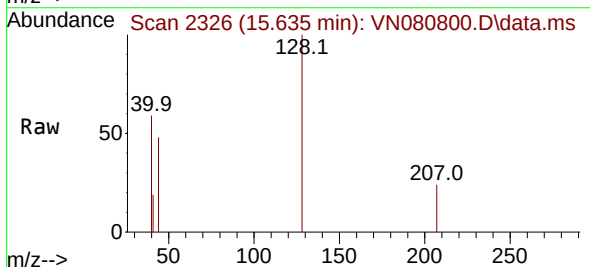
Tgt Ion:180 Resp: 2286
Ion Ratio Lower Upper
180 100
182 0.0 46.6 139.7#
145 0.0 16.8 50.3#

Manual Integrations
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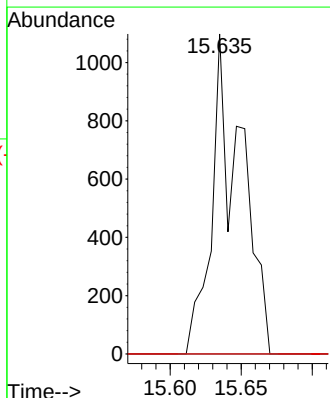
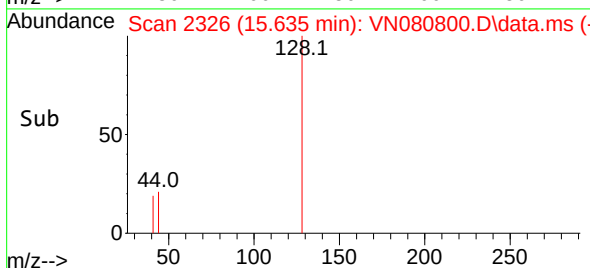
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

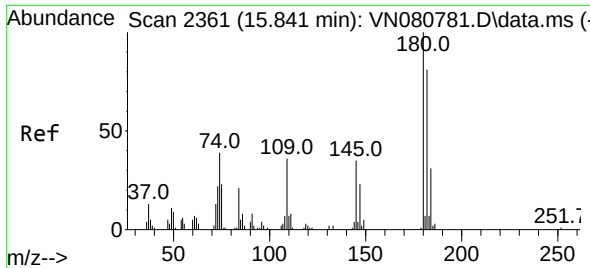


#95
Naphthalene
Concen: 0.375 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN080800.D
Acq: 29 Jan 2024 18:53



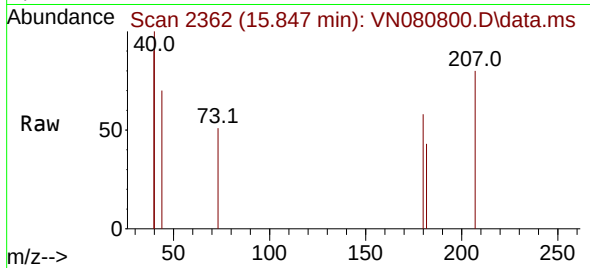
Tgt Ion:128 Resp: 1582
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.246 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN080800.D
 Acq: 29 Jan 2024 18:53

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024



Tgt Ion	Ratio	Lower	Upper
180	100		
182	188.0	46.5	139.3
145	0.0	17.8	53.4

Manual Integrations
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Reviewed By :John Carlone 01/30/2024
 Supervised By :Mahesh Dadoda 01/30/2024

