

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074884.D
 Acq On : 12 Oct 2022 18:45
 Operator : JC\MD
 Sample : N4955-07 4.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Quant Time: Oct 13 08:01:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/13/2022
 Supervised By : Mahesh Dadoda 10/14/2022

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

Internal Standards						
1) Bromochloromethane	7.824	128	65363	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	390685	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	362899	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	198793	32.486	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.300%			
60) 4-Bromofluorobenzene	12.847	95	163692	25.436	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 84.800%			
63) Toluene-d8	10.571	98	631916	30.171	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.567%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	17762	4.894	ug/l	79
3) Chloromethane	2.383	50	34172	5.821	ug/l	96
4) Vinyl Chloride	2.536	62	44642	5.164	ug/l #	83
5) Bromomethane	2.948	94	37601m	5.486	ug/l	
6) Chloroethane	3.136	64	38813m	5.987	ug/l	
7) Trichlorofluoromethane	3.512	101	35925	5.575	ug/l #	64
8) Diethyl Ether	3.983	74	14251m	4.742	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.389	101	19342m	4.770	ug/l	
10) 1,1-Dichloroethene	4.359	96	20821m	5.220	ug/l	
11) Methyl Iodide	4.618	142	21791m	4.376	ug/l	
12) Methyl Acetate	5.059	43	51526	5.359	ug/l	96
13) Acrolein	4.218	56	31522m	23.204	ug/l	
14) Acrylonitrile	5.742	53	84667	23.611	ug/l	94
15) Acetone	4.459	58	24729	25.162	ug/l	78
16) Carbon Disulfide	4.724	76	47882	4.672	ug/l	99
17) Allyl chloride	5.047	41	40488m	5.098	ug/l	
18) Methylene Chloride	5.300	84	31104m	6.013	ug/l	
19) trans-1,2-Dichloroethene	5.806	96	22305m	5.094	ug/l	
20) Diisopropyl ether	6.700	45	83364m	4.496	ug/l	
21) 1,1-Dichloroethane	6.589	63	46824	4.964	ug/l	98
22) cis-1,2-Dichloroethene	7.500	96	25602m	4.669	ug/l	
23) tert-Butyl Alcohol	5.547	59	39978m	26.458	ug/l	
24) Methyl tert-Butyl Ether	5.824	73	79950m	4.799	ug/l	
25) Chloroform	7.977	83	45764	4.886	ug/l #	74
26) Cyclohexane	8.271	56	36470	4.402	ug/l #	92
29) 1,1-Dichloropropene	8.371	75	32583m	4.622	ug/l	
30) 2-Butanone	7.500	43	122488	21.778	ug/l #	96
31) 2,2-Dichloropropane	7.494	77	37469m	4.342	ug/l	
32) 1,1,1-Trichloroethane	8.183	97	36679	4.339	ug/l #	89
33) Carbon Tetrachloride	8.371	117	27673	3.986	ug/l	89
34) Benzene	8.618	78	95735	4.109	ug/l	97
35) Methacrylonitrile	7.800	41	21361	3.695	ug/l	85
36) 1,2-Dichloroethane	8.683	62	35802	4.614	ug/l	96
37) Trichloroethene	9.359	130	19782	4.082	ug/l #	77
38) Methylcyclohexane	9.600	83	36752	4.292	ug/l	85
39) 1,2-Dichloropropane	9.624	63	26370	4.366	ug/l	97
40) Dibromomethane	9.712	93	17468	4.364	ug/l	98
41) Bromodichloromethane	9.888	83	32659	4.189	ug/l #	94
42) Vinyl Acetate	6.624	43	356975m	21.307	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074884.D
 Acq On : 12 Oct 2022 18:45
 Operator : JC\MD
 Sample : N4955-07 4.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

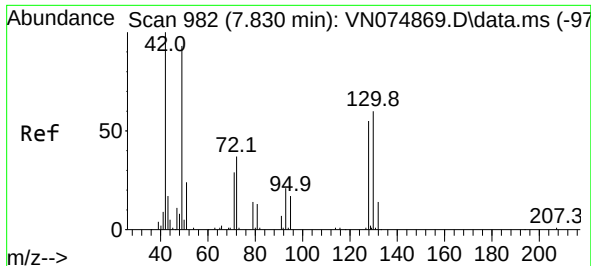
Quant Time: Oct 13 08:01:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/13/2022
 Supervised By : Mahesh Dadoda 10/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.577	43	44578	4.076	ug/l	96
44) Isopropyl Acetate	8.700	43	73952	4.373	ug/l	94
45) 1,4-Dioxane	9.706	88	11112	71.661	ug/l #	71
46) Methyl methacrylate	9.688	41	25589	3.494	ug/l	91
47) n-amyl Acetate	12.500	43	52718	3.563	ug/l	94
48) t-1,3-Dichloropropene	10.847	75	31611	3.534	ug/l #	87
49) cis-1,3-Dichloropropene	10.318	75	38287	4.037	ug/l #	87
50) 1,1,2-Trichloroethane	11.018	97	25149	4.270	ug/l #	92
51) Ethyl methacrylate	10.877	69	37503	3.744	ug/l	96
52) 1,3-Dichloropropane	11.165	76	45276	4.453	ug/l	87
53) Dibromochloromethane	11.365	129	21532	3.731	ug/l	86
54) 1,2-Dibromoethane	11.471	107	24013	4.243	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	70070	17.884	ug/l	98
56) Bromoform	12.571	173	12968m	3.118	ug/l	
58) 4-Methyl-2-Pentanone	10.447	43	233349	20.676	ug/l	95
59) 2-Hexanone	11.200	43	170737	19.657	ug/l	96
61) Tetrachloroethene	11.106	164	16241	4.198	ug/l	92
62) Toluene	10.635	91	102441	4.086	ug/l	97
64) Chlorobenzene	11.894	112	58489	4.104	ug/l	90
65) 1,1,1,2-Tetrachloroethane	11.959	131	20821	3.879	ug/l	95
66) Ethyl Benzene	11.965	91	104360	3.828	ug/l	89
67) m/p-Xylenes	12.071	106	72128	7.042	ug/l	97
68) o-Xylene	12.394	106	38745	3.722	ug/l	96
69) Styrene	12.412	104	61628	3.617	ug/l	95
70) Isopropylbenzene	12.694	105	93602	3.486	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	41525	4.134	ug/l	96
72) 1,2,3-Trichloropropane	12.994	75	34326m	4.068	ug/l	
73) Bromobenzene	12.982	156	23717	4.215	ug/l	84
74) n-propylbenzene	13.035	91	108891	3.478	ug/l	100
75) 2-Chlorotoluene	13.129	91	64459	3.520	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	75963	3.481	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	10179	2.903	ug/l	75
78) 4-Chlorotoluene	13.223	91	60794	3.479	ug/l	98
79) tert-butylbenzene	13.441	119	68311	3.519	ug/l	100
80) 1,2,4-Trimethylbenzene	13.488	105	72702	3.311	ug/l	96
81) sec-Butylbenzene	13.623	105	90863	3.257	ug/l	98
82) p-Isopropyltoluene	13.735	119	67539	3.047	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	35439	3.228	ug/l	93
84) 1,4-Dichlorobenzene	13.812	146	35492	3.366	ug/l	98
85) n-Butylbenzene	14.059	91	59272	3.030	ug/l	97
86) Hexachloroethane	14.329	117	15612	3.597	ug/l	90
87) 1,2-Dichlorobenzene	14.112	146	41221	3.781	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.717	75	6956	3.431	ug/l	97
89) 1,2,4-Trichlorobenzene	15.394	180	15328	3.079	ug/l #	76
90) Hexachlorobutadiene	15.512	225	8993	3.705	ug/l #	39
91) Naphthalene	15.641	128	67657	3.425	ug/l #	88
92) 1,2,3-Trichlorobenzene	15.847	180	18460m	3.544	ug/l	

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



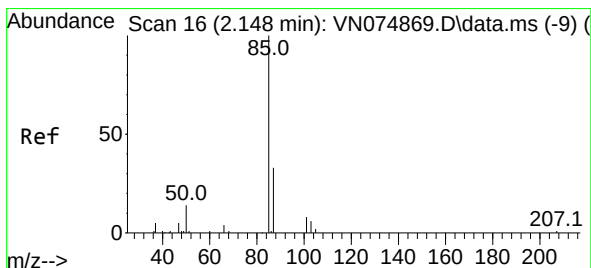
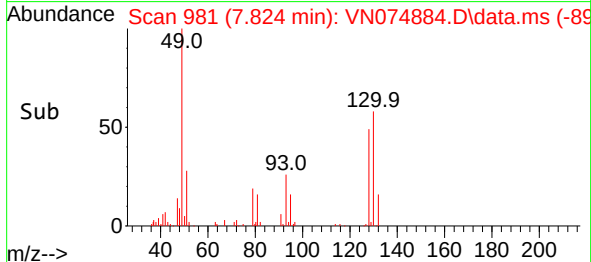
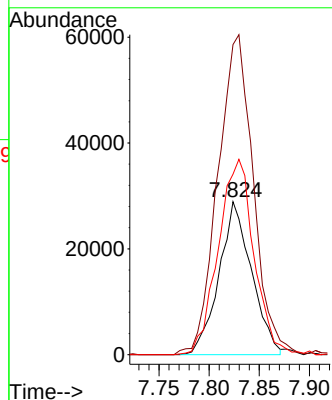
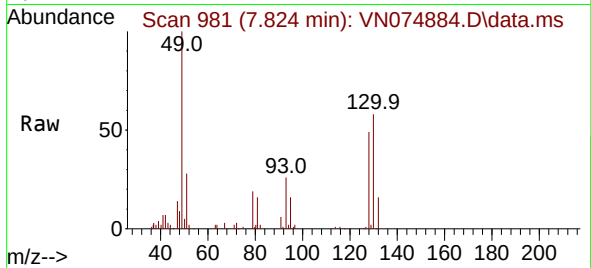
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:128 Resp: 6536
Ion Ratio Lower Upper
128 100
49 224.2 0.0 492.0
130 140.3 0.0 313.3

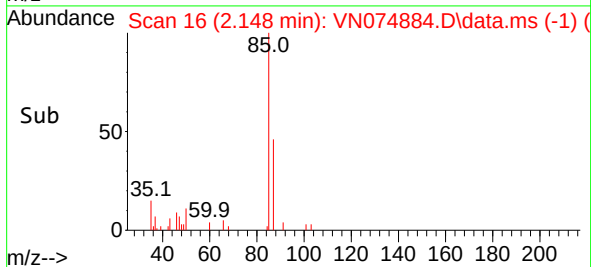
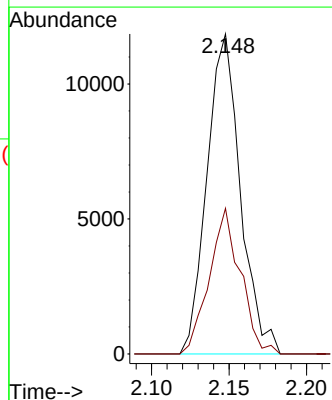
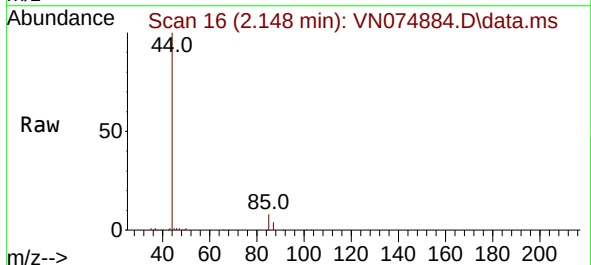
Manual Integrations
APPROVED

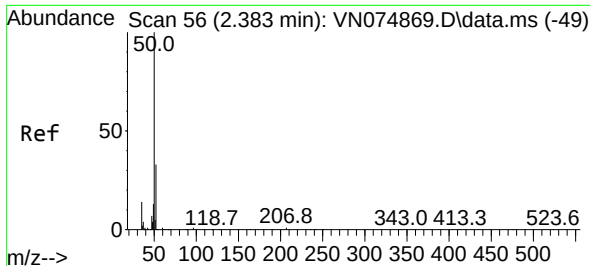
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#2
Dichlorodifluoromethane
Concen: 4.894 ug/l
RT: 2.148 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

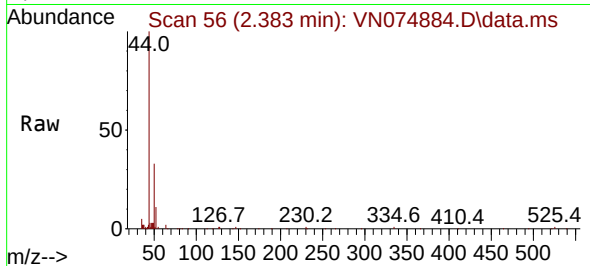
Tgt Ion: 85 Resp: 17762
Ion Ratio Lower Upper
85 100
87 45.5 16.7 50.1





#3
Chloromethane
Concen: 5.821 ug/l
RT: 2.383 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

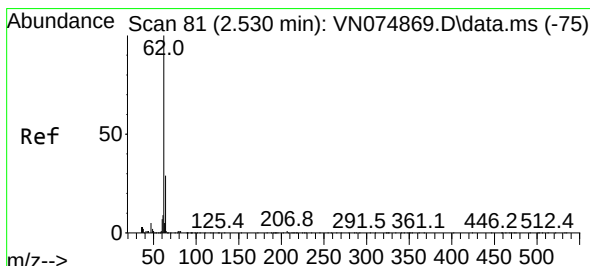
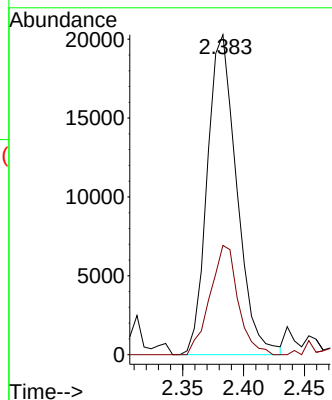
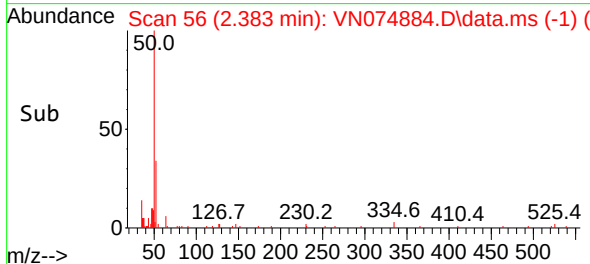
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



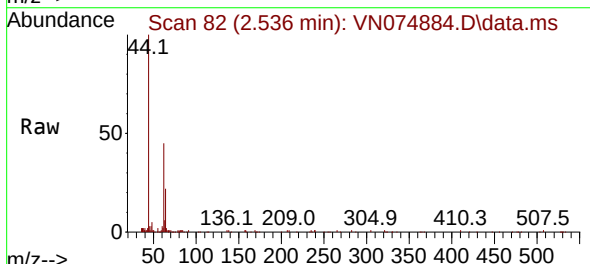
Tgt Ion: 50 Resp: 34172
Ion Ratio Lower Upper
50 100
52 34.2 25.5 38.3

Manual Integrations
APPROVED

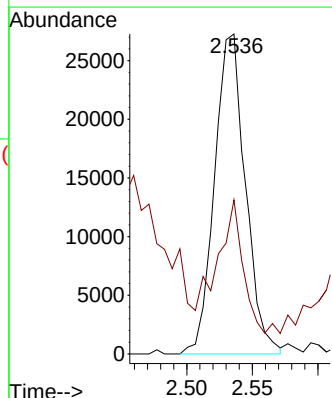
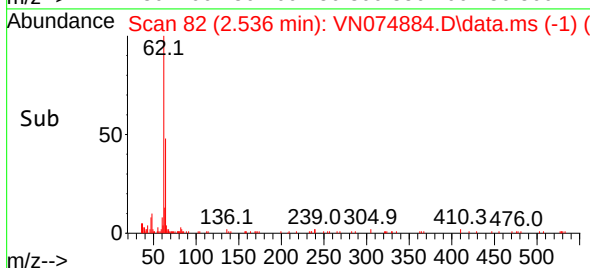
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

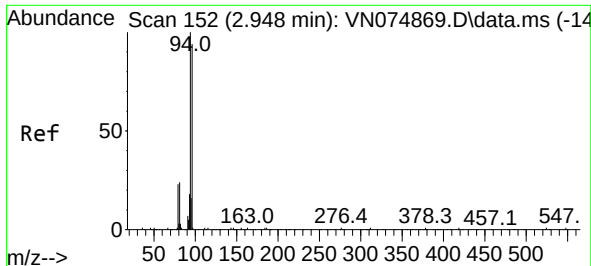


#4
Vinyl Chloride
Concen: 5.164 ug/l
RT: 2.536 min Scan# 82
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45



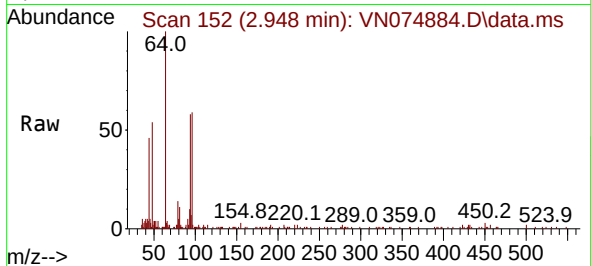
Tgt Ion: 62 Resp: 44642
Ion Ratio Lower Upper
62 100
64 41.8 25.6 38.4#





#5
Bromomethane
Concen: 5.486 ug/l m
RT: 2.948 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

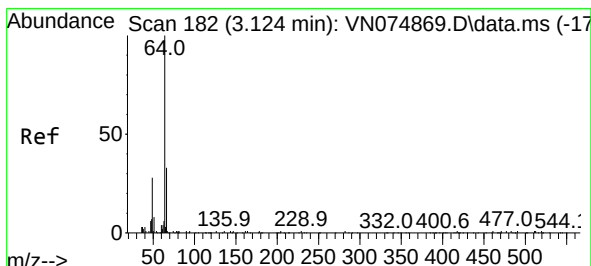
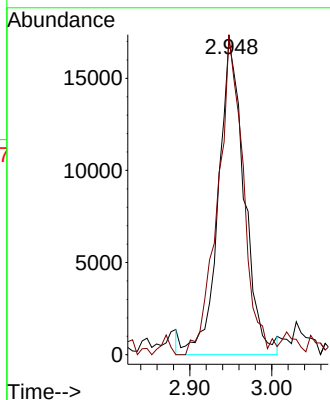
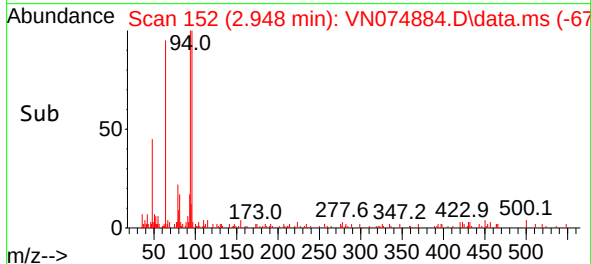
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



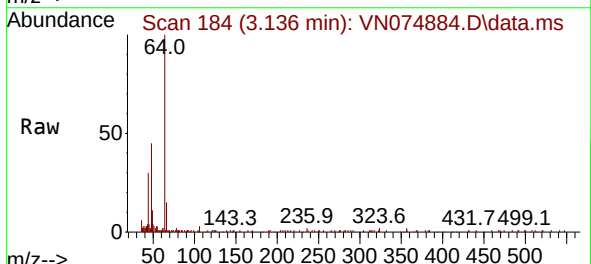
Tgt Ion: 94 Resp: 3760
Ion Ratio Lower Upper
94 100
96 101.6 68.3 102.5

Manual Integrations
APPROVED

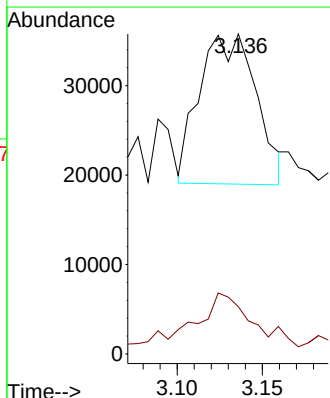
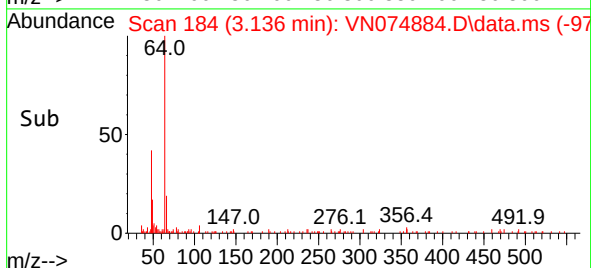
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

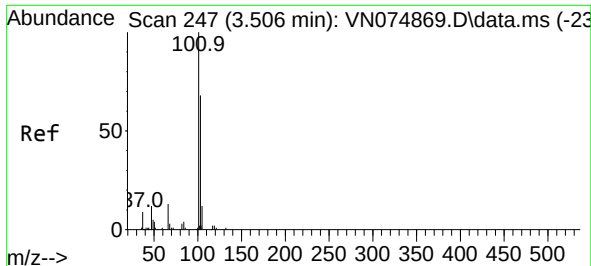


#6
Chloroethane
Concen: 5.987 ug/l m
RT: 3.136 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45



Tgt Ion: 64 Resp: 38813
Ion Ratio Lower Upper
64 100
66 14.8 21.8 32.8#





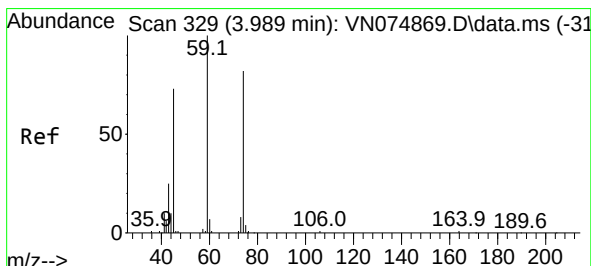
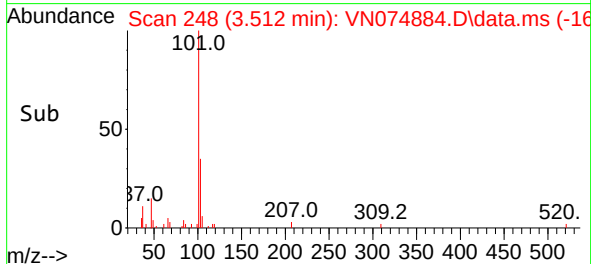
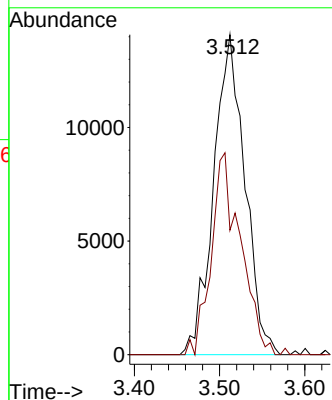
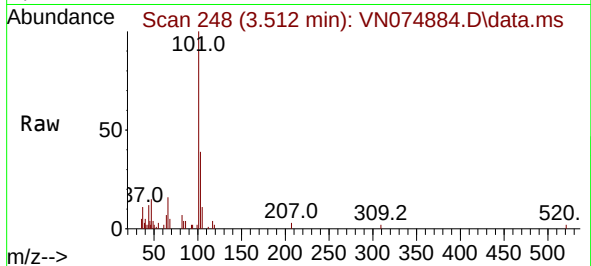
#7
Trichlorofluoromethane
Concen: 5.575 ug/l
RT: 3.512 min Scan# 247
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:101 Resp: 3592
Ion Ratio Lower Upper
101 100
103 38.9 54.8 82.2

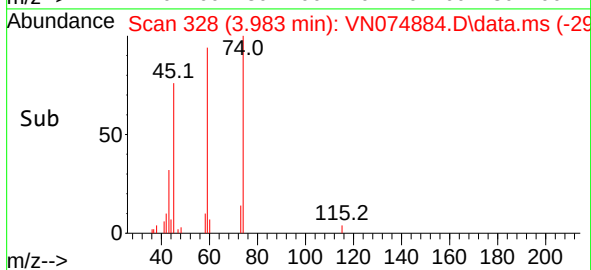
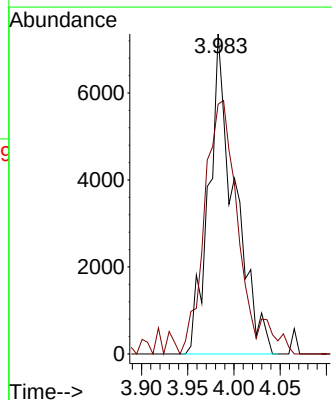
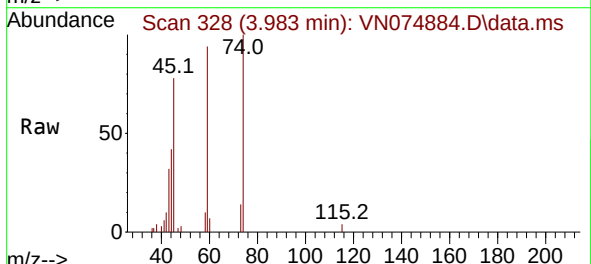
Manual Integrations
APPROVED

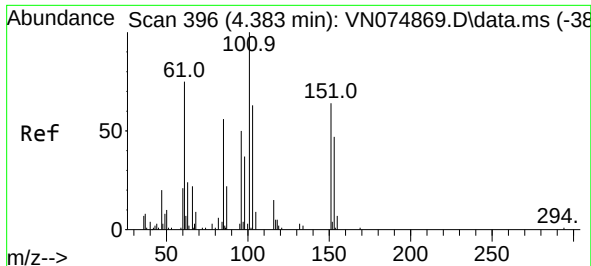
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#8
Diethyl Ether
Concen: 4.742 ug/l m
RT: 3.983 min Scan# 328
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

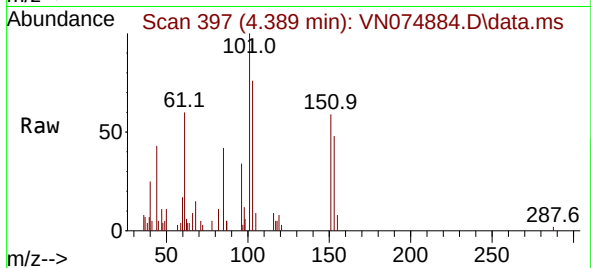
Tgt Ion: 74 Resp: 14251
Ion Ratio Lower Upper
74 100
45 97.6 19.0 171.0





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 4.770 ug/l m
 RT: 4.389 min Scan# 396
 Delta R.T. 0.006 min
 Lab File: VN074884.D
 Acq: 12 Oct 2022 18:45

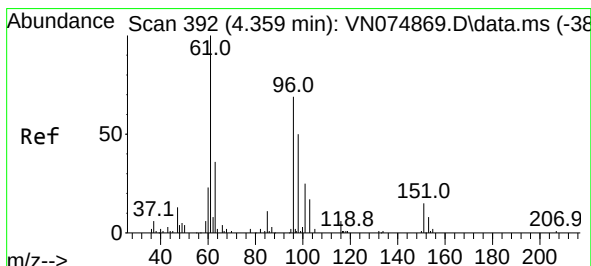
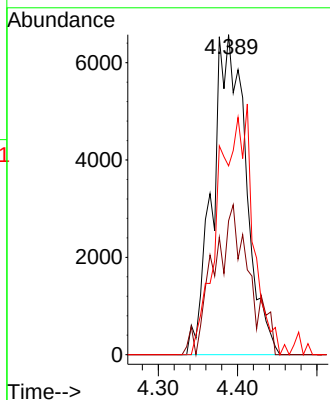
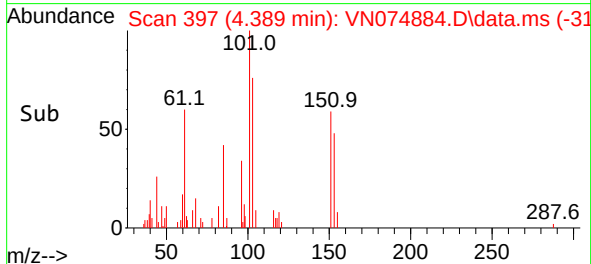
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022



Tgt Ion:101 Resp: 1934
 Ion Ratio Lower Upper
 101 100
 85 17.7 0.0 94.6
 151 33.4 0.0 144.8

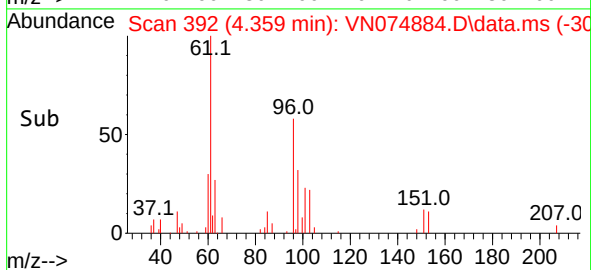
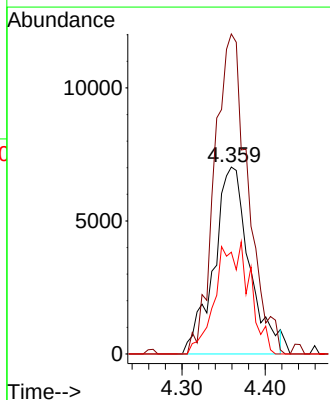
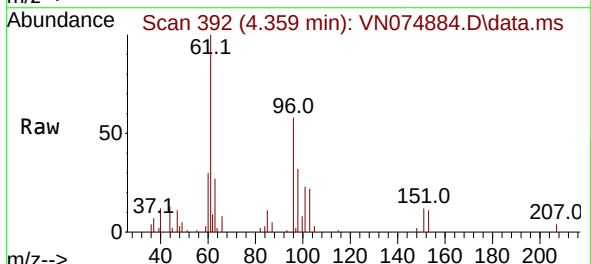
Manual Integrations
 APPROVED

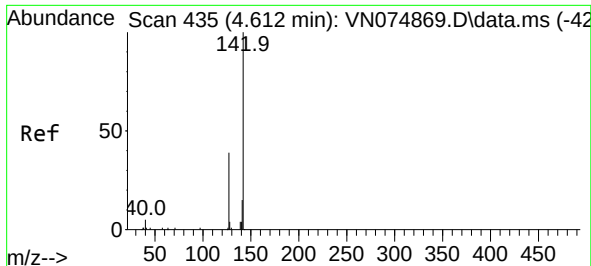
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#10
 1,1-Dichloroethene
 Concen: 5.220 ug/l m
 RT: 4.359 min Scan# 392
 Delta R.T. -0.000 min
 Lab File: VN074884.D
 Acq: 12 Oct 2022 18:45

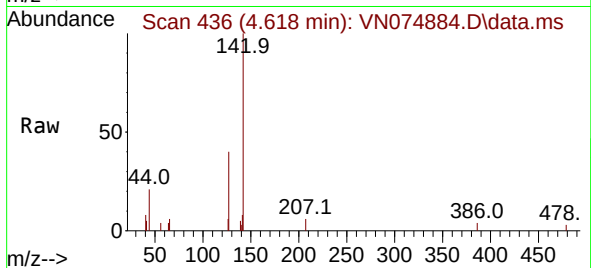
Tgt Ion: 96 Resp: 20821
 Ion Ratio Lower Upper
 96 100
 61 171.2 125.5 188.3
 98 54.4 45.0 67.4





#11
Methyl Iodide
Concen: 4.376 ug/l m
RT: 4.618 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

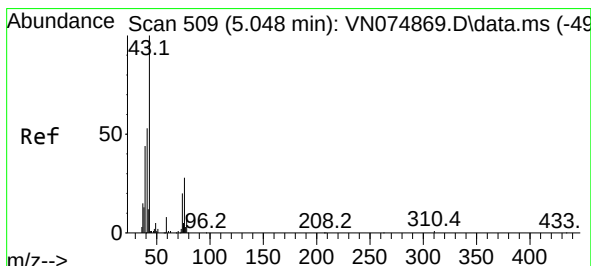
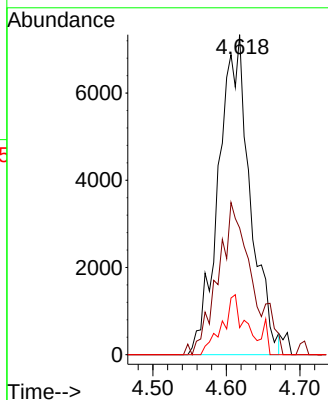
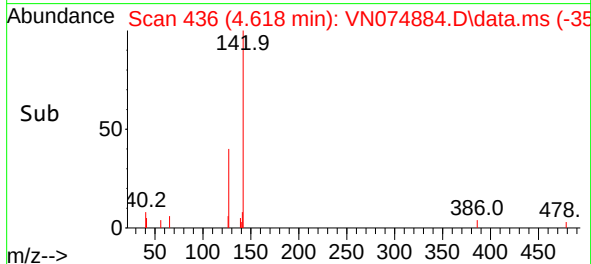
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:142 Resp: 2179
Ion Ratio Lower Upper
142 100
127 39.6 19.3 57.8
141 8.5 7.7 23.1

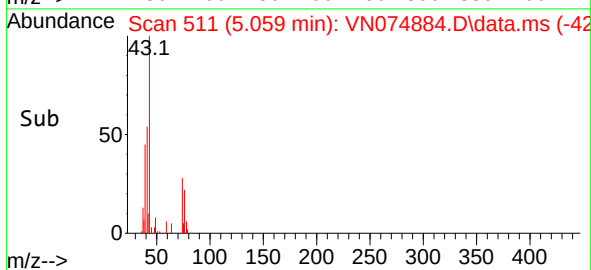
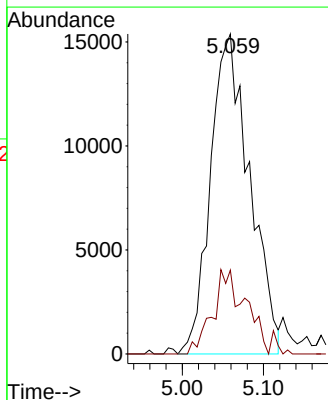
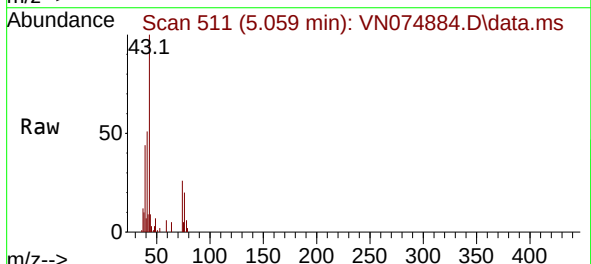
Manual Integrations
APPROVED

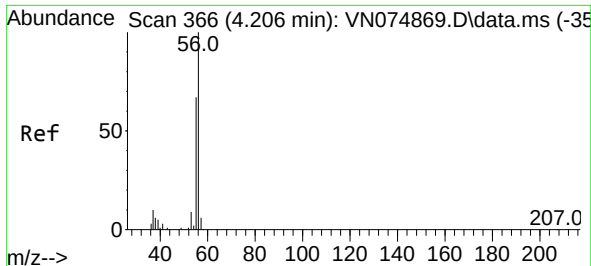
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#12
Methyl Acetate
Concen: 5.359 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

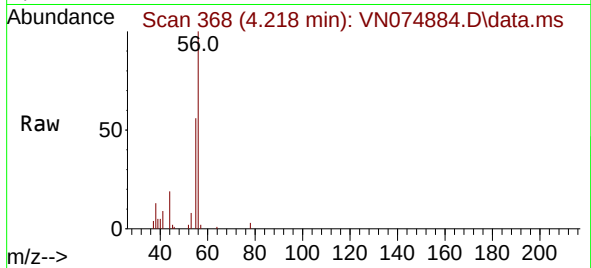
Tgt Ion: 43 Resp: 51526
Ion Ratio Lower Upper
43 100
74 25.9 19.0 28.6





#13
Acrolein
Concen: 23.204 ug/l m
RT: 4.218 min Scan# 368
Delta R.T. 0.012 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

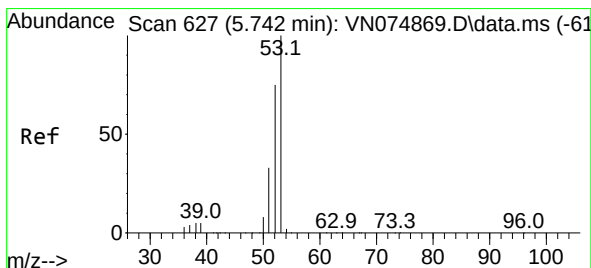
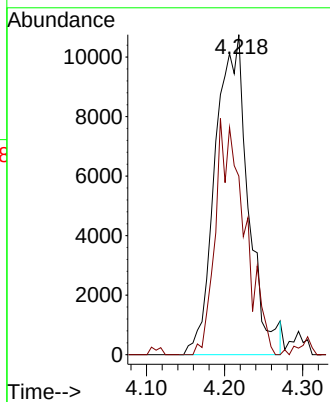
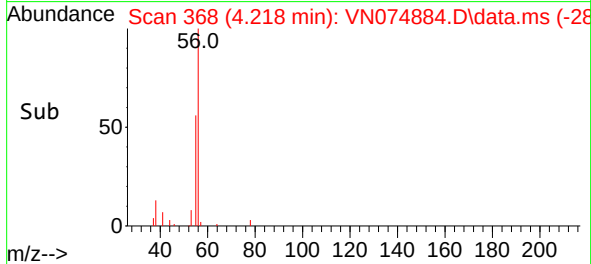
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 56 Resp: 3152
Ion Ratio Lower Upper
56 100
55 25.2 56.2 84.2

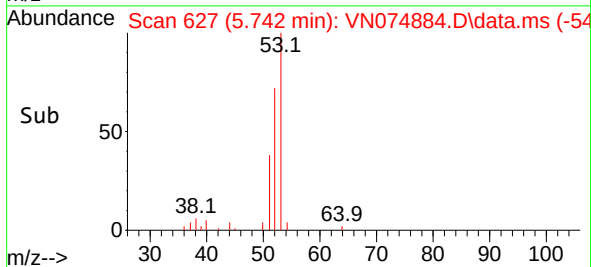
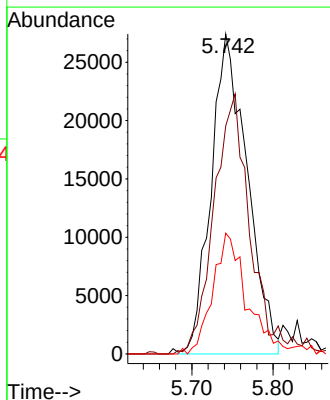
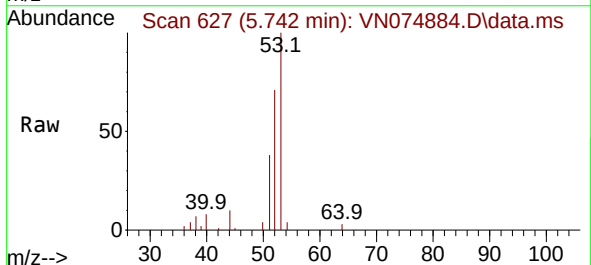
Manual Integrations
APPROVED

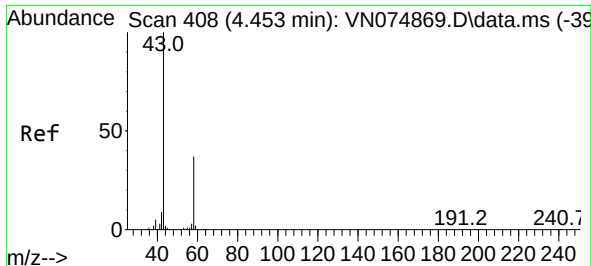
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#14
Acrylonitrile
Concen: 23.611 ug/l
RT: 5.742 min Scan# 627
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

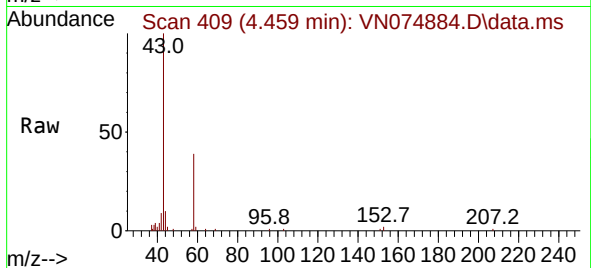
Tgt Ion: 53 Resp: 84667
Ion Ratio Lower Upper
53 100
52 77.2 40.8 122.4
51 28.1 17.0 51.0





#15
Acetone
Concen: 25.162 ug/l
RT: 4.459 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

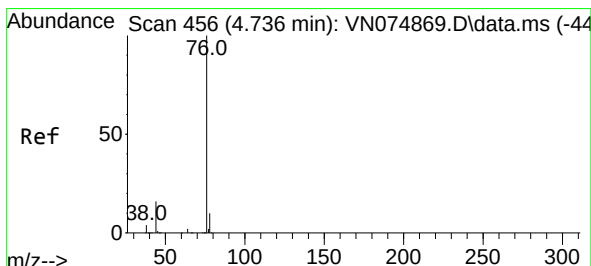
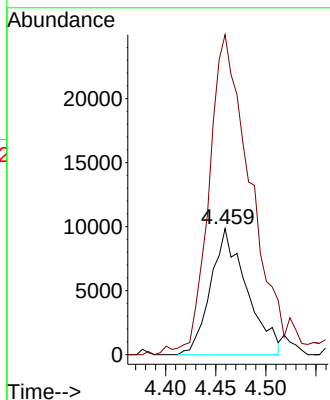
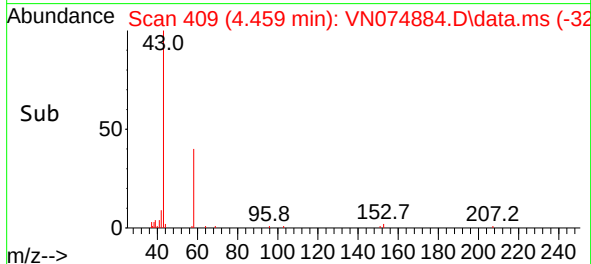
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 58 Resp: 24729
Ion Ratio Lower Upper
58 100
43 248.4 232.2 348.4

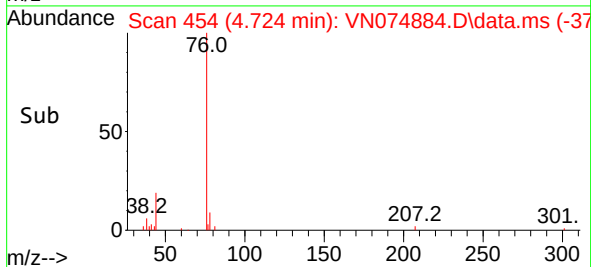
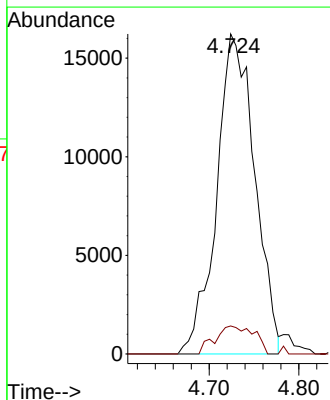
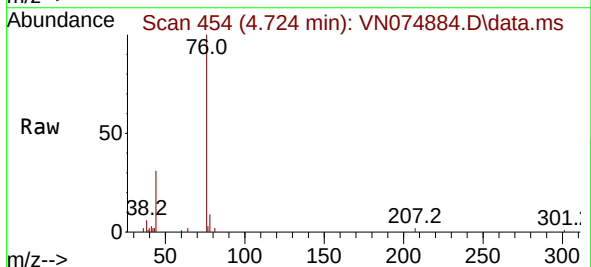
Manual Integrations
APPROVED

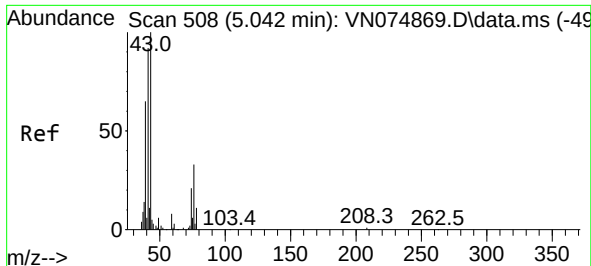
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#16
Carbon Disulfide
Concen: 4.672 ug/l
RT: 4.724 min Scan# 454
Delta R.T. -0.012 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

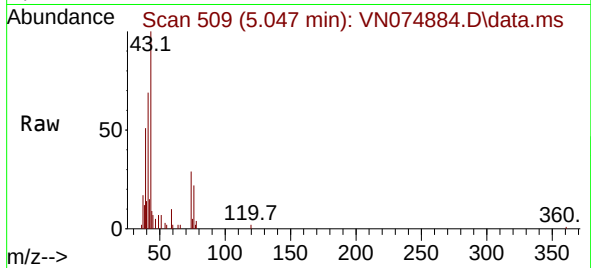
Tgt Ion: 76 Resp: 47882
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8





#17
 Allyl chloride
 Concen: 5.098 ug/l m
 RT: 5.047 min Scan# 508
 Delta R.T. 0.006 min
 Lab File: VN074884.D
 Acq: 12 Oct 2022 18:45

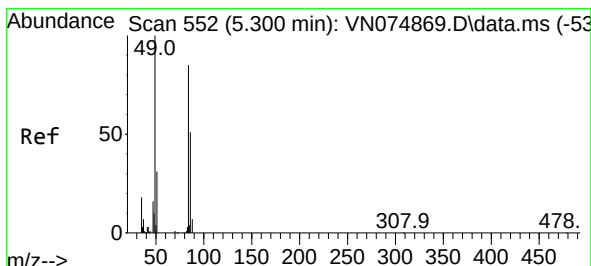
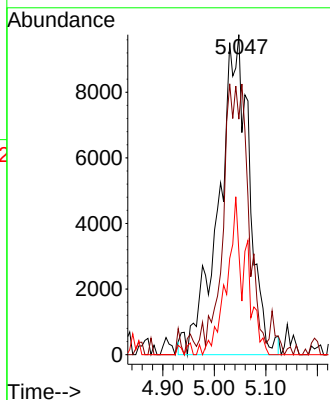
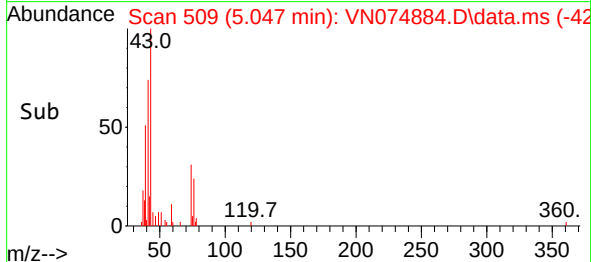
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 41 Resp: 4048
 Ion Ratio Lower Upper
 41 100
 39 73.6 39.1 117.5
 76 32.3 19.8 59.4

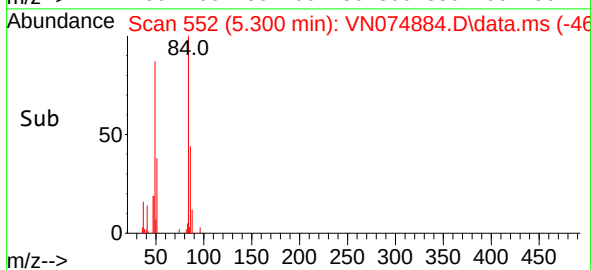
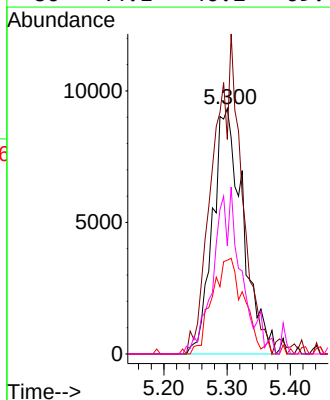
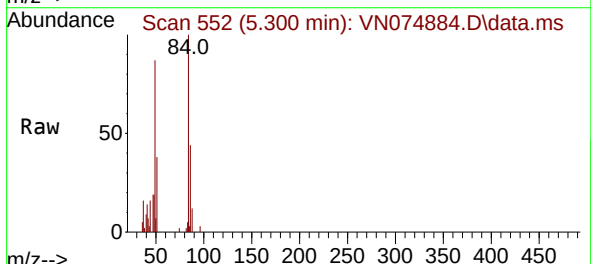
Manual Integrations
 APPROVED

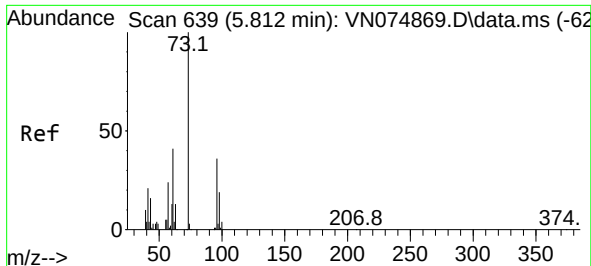
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#18
 Methylene Chloride
 Concen: 6.013 ug/l m
 RT: 5.300 min Scan# 552
 Delta R.T. -0.000 min
 Lab File: VN074884.D
 Acq: 12 Oct 2022 18:45

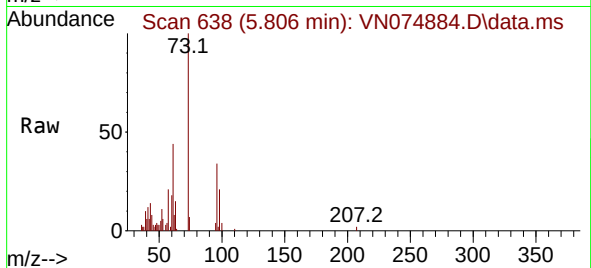
Tgt Ion: 84 Resp: 31104
 Ion Ratio Lower Upper
 84 100
 49 87.4 99.6 149.4#
 51 38.2 28.2 42.2
 86 44.1 46.2 69.4#





#19
trans-1,2-Dichloroethene
Concen: 5.094 ug/l m
RT: 5.806 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

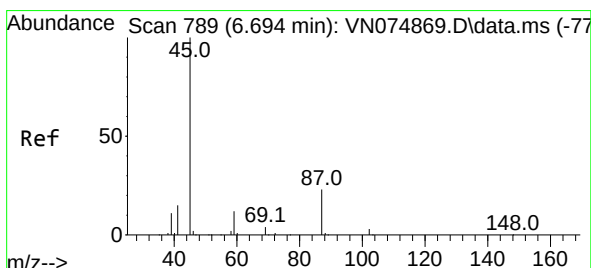
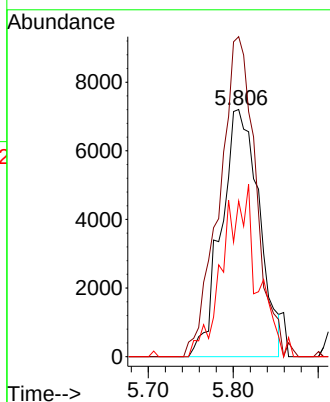
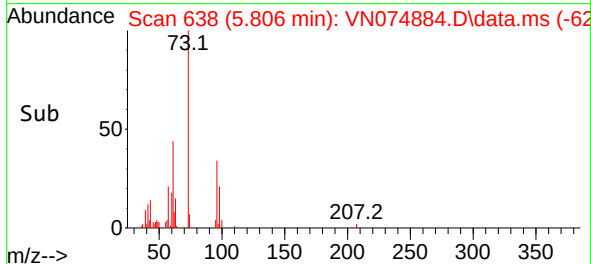
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 96 Resp: 2230
Ion Ratio Lower Upper
96 100
61 129.4 110.2 165.4
98 63.0 50.0 75.0

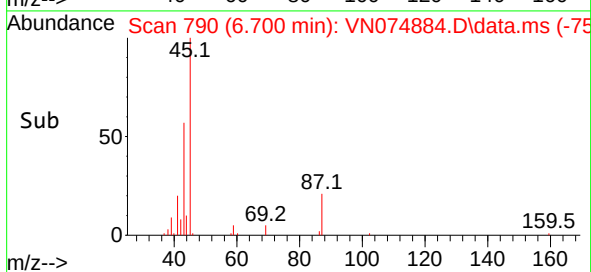
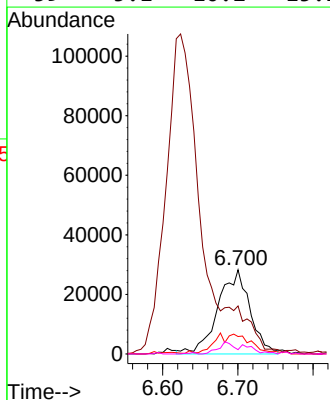
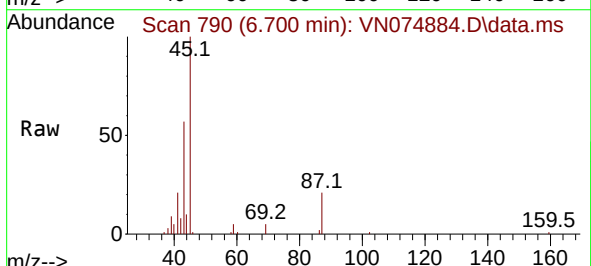
Manual Integrations
APPROVED

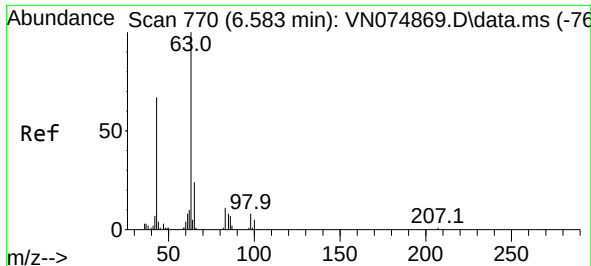
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#20
Diisopropyl ether
Concen: 4.496 ug/l m
RT: 6.700 min Scan# 790
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

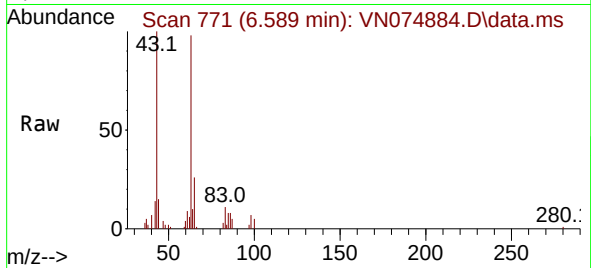
Tgt Ion: 45 Resp: 83364
Ion Ratio Lower Upper
45 100
43 57.1 47.3 70.9
87 20.8 21.8 32.8#
59 5.1 10.2 15.2#





#21
1,1-Dichloroethane
Concen: 4.964 ug/l
RT: 6.589 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

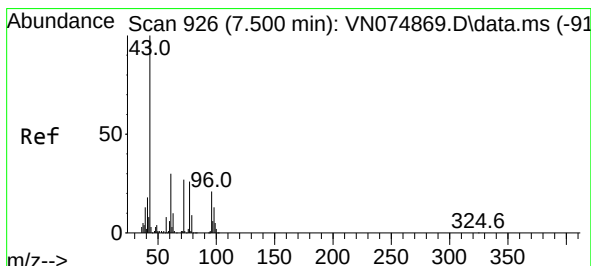
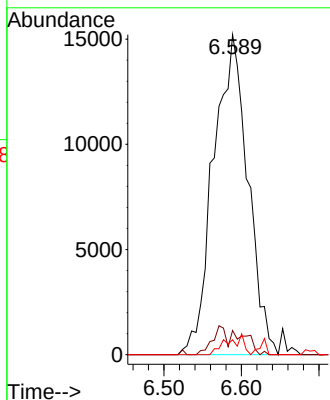
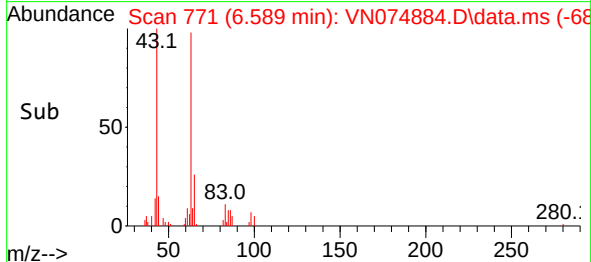
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 63 Resp: 46824
Ion Ratio Lower Upper
63 100
98 7.6 3.3 9.9
100 4.7 2.2 6.6

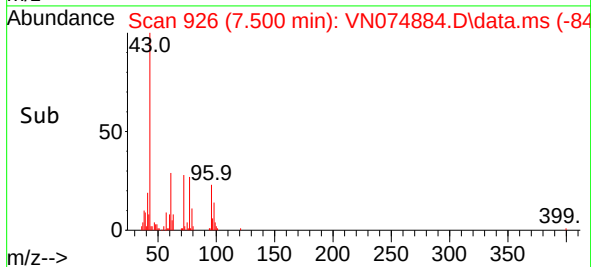
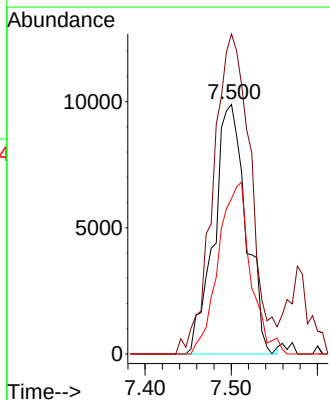
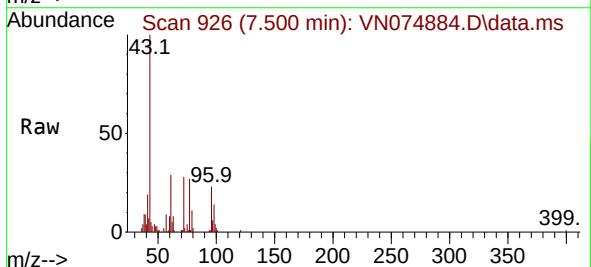
Manual Integrations
APPROVED

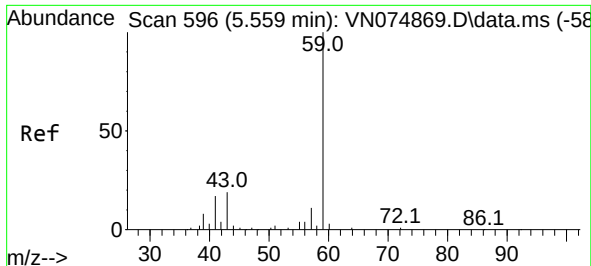
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#22
cis-1,2-Dichloroethene
Concen: 4.669 ug/l m
RT: 7.500 min Scan# 926
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

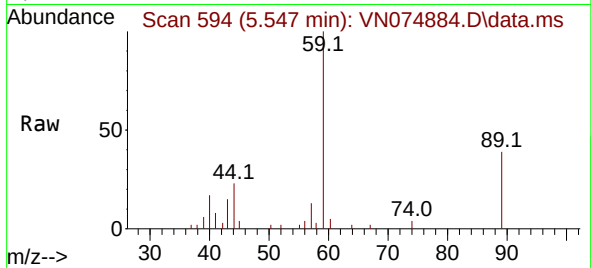
Tgt Ion: 96 Resp: 25602
Ion Ratio Lower Upper
96 100
61 149.2 118.8 178.2
98 67.2 52.1 78.1





#23
tert-Butyl Alcohol
Concen: 26.458 ug/l m
RT: 5.547 min Scan# 59
Delta R.T. -0.012 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

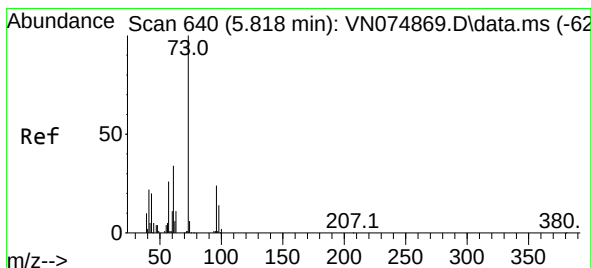
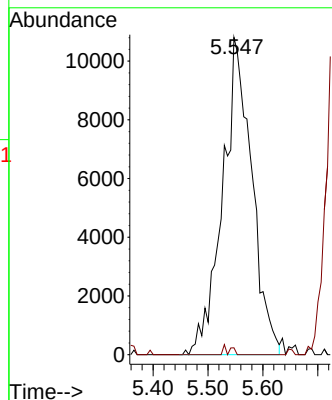
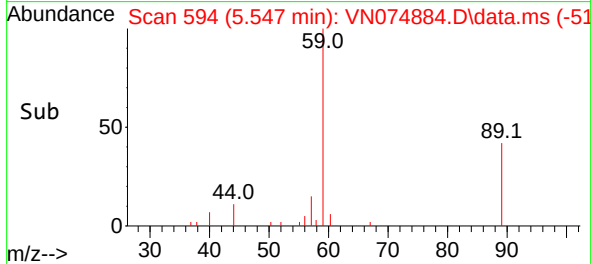
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 59 Resp: 39978
Ion Ratio Lower Upper
59 100
52 0.4 0.2 0.4

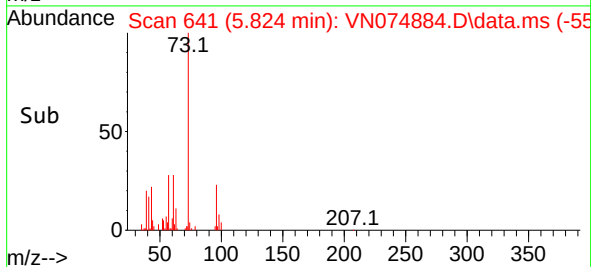
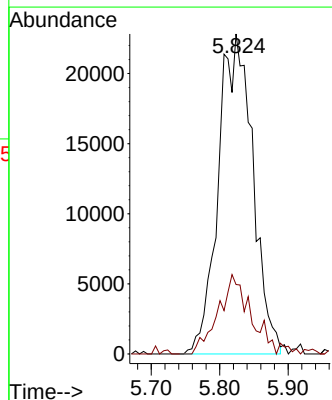
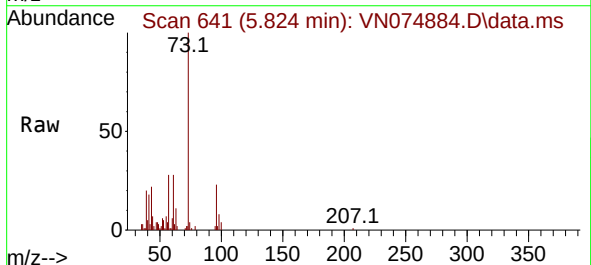
Manual Integrations
APPROVED

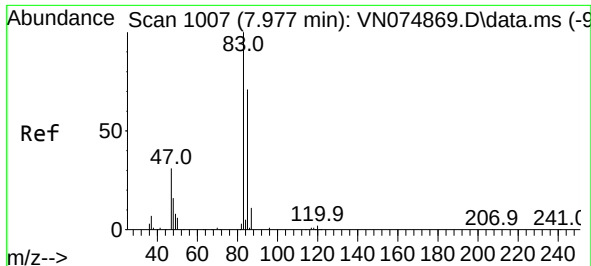
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#24
Methyl tert-Butyl Ether
Concen: 4.799 ug/l m
RT: 5.824 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

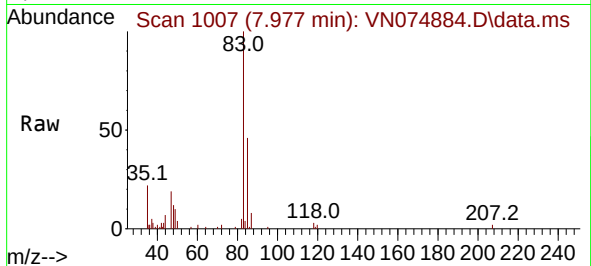
Tgt Ion: 73 Resp: 79950
Ion Ratio Lower Upper
73 100
43 21.1 15.6 23.4





#25
Chloroform
Concen: 4.886 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

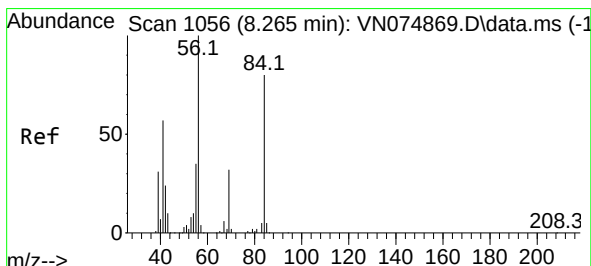
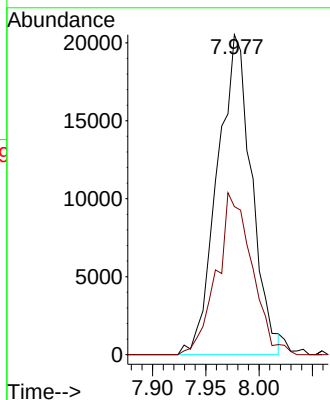
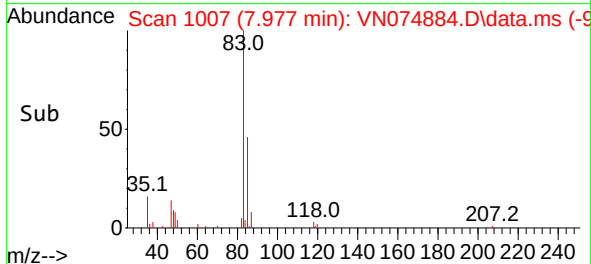
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 83 Resp: 45764
Ion Ratio Lower Upper
83 100
85 46.3 53.6 80.4

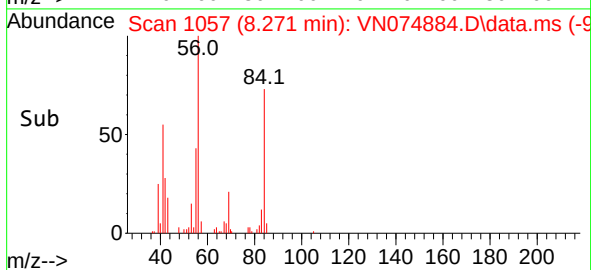
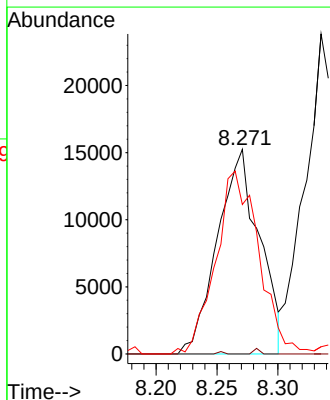
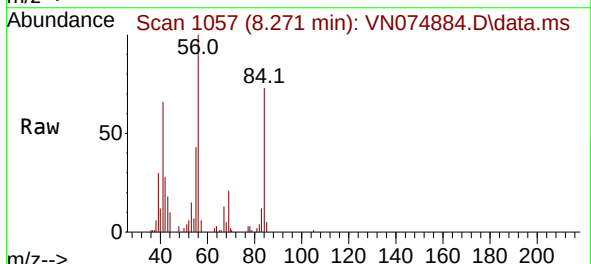
Manual Integrations
APPROVED

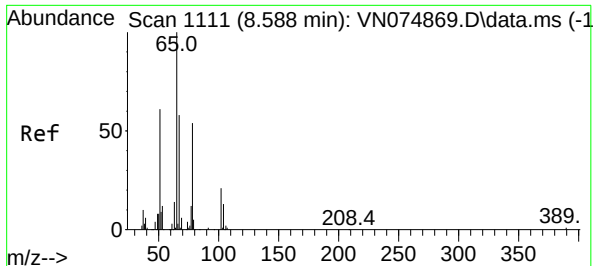
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#26
Cyclohexane
Concen: 4.402 ug/l
RT: 8.271 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 56 Resp: 36470
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.4 68.4 102.6





#27

1,2-Dichloroethane-d4

Concen: 32.486 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074884.D

Acq: 12 Oct 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 65 Resp: 19879

Ion Ratio Lower Upper

65 100

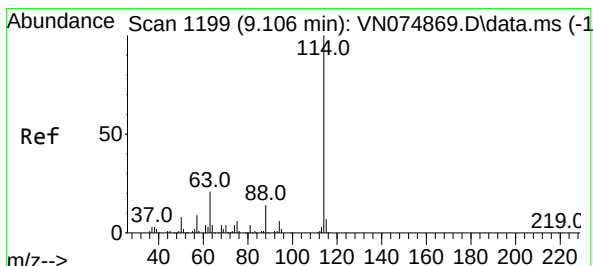
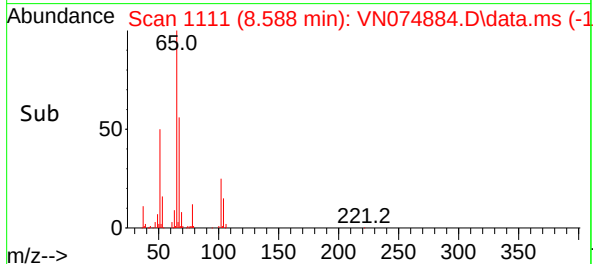
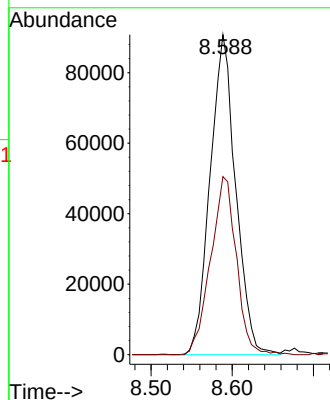
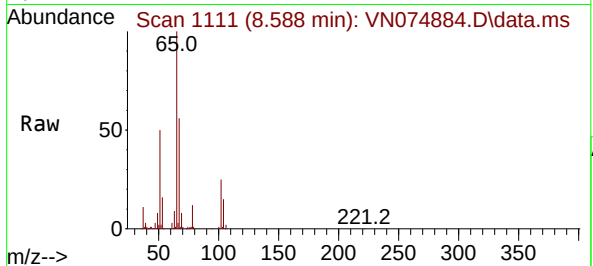
67 55.8 45.2 67.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074884.D

Acq: 12 Oct 2022 18:45

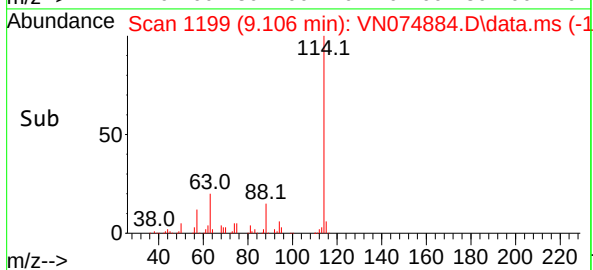
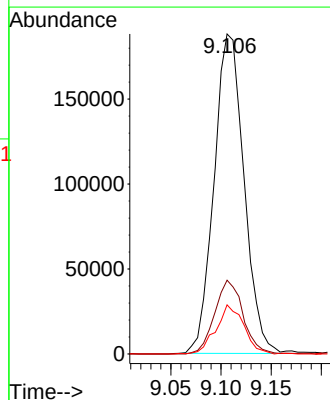
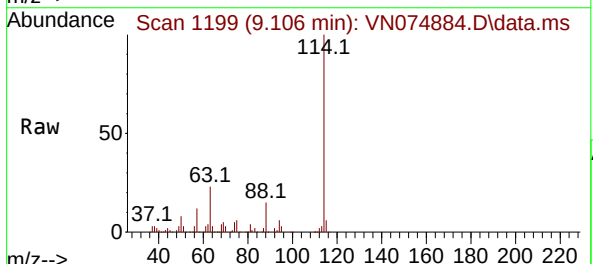
Tgt Ion:114 Resp: 390685

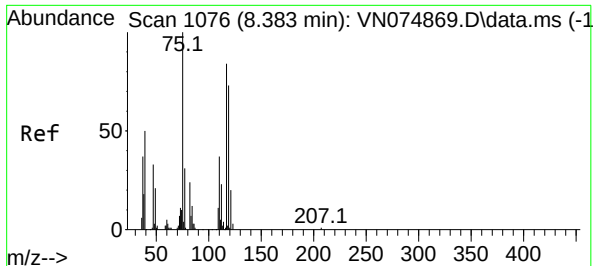
Ion Ratio Lower Upper

114 100

63 21.8 16.6 25.0

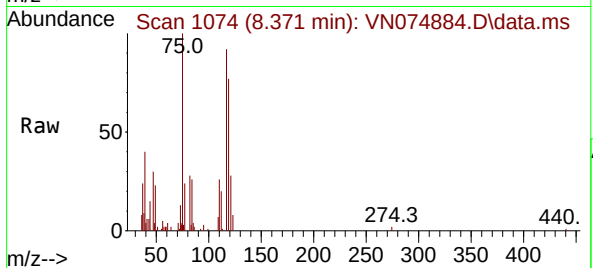
88 14.2 12.2 18.4





#29
1,1-Dichloropropene
Concen: 4.622 ug/l m
RT: 8.371 min Scan# 1076
Delta R.T. -0.012 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

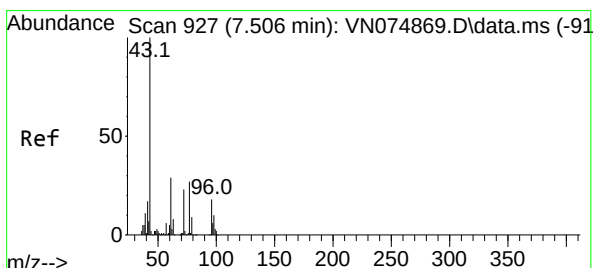
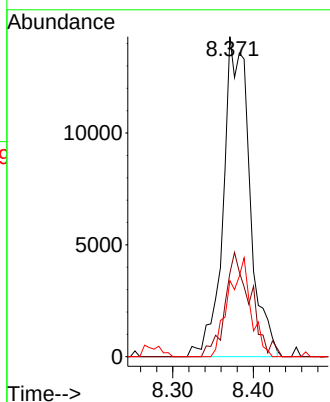
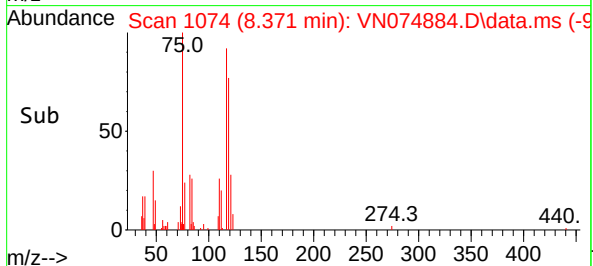
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 75 Resp: 3258
Ion Ratio Lower Upper
75 100
110 24.5 0.0 72.2
77 11.0 0.0 64.0

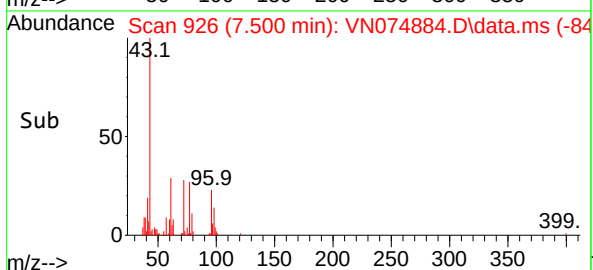
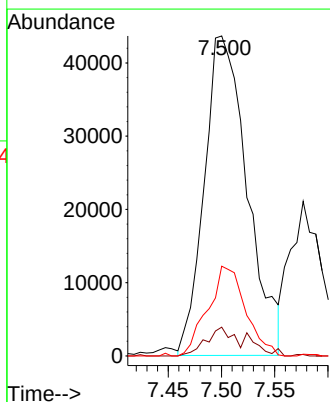
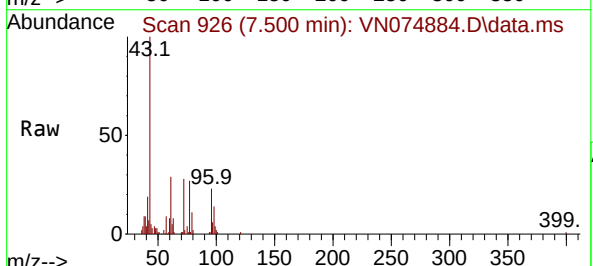
Manual Integrations
APPROVED

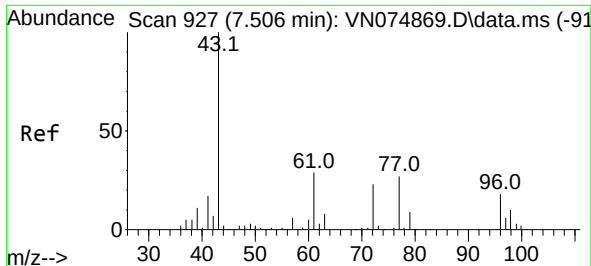
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#30
2-Butanone
Concen: 21.778 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 43 Resp: 122488
Ion Ratio Lower Upper
43 100
57 5.7 6.3 9.5#
72 24.6 21.0 31.4





#31

2,2-Dichloropropane

Concen: 4.342 ug/l

RT: 7.494 min Scan# 91

Delta R.T. -0.012 min

Lab File: VN074884.D

Acq: 12 Oct 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 77 Resp: 37469

Ion Ratio Lower Upper

77 100

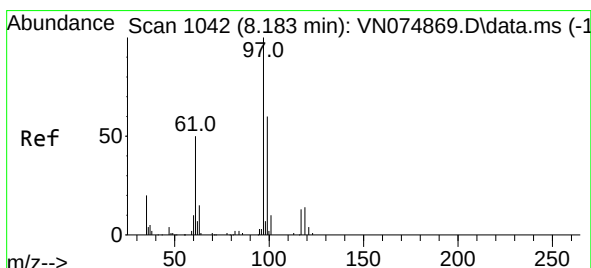
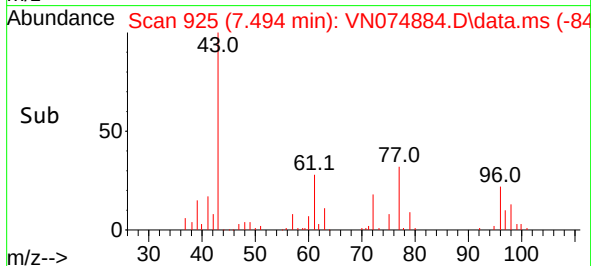
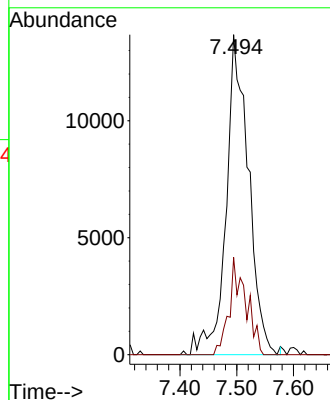
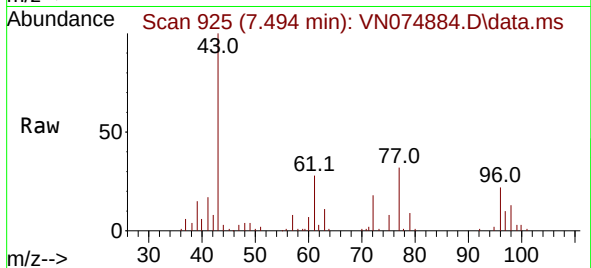
97 11.1 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#32

1,1,1-Trichloroethane

Concen: 4.339 ug/l

RT: 8.183 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VN074884.D

Acq: 12 Oct 2022 18:45

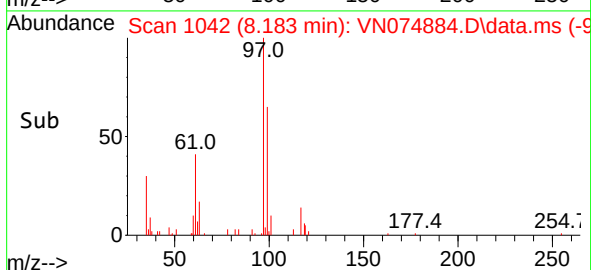
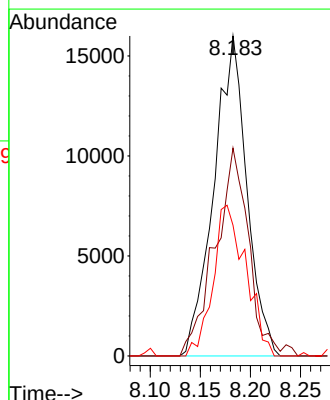
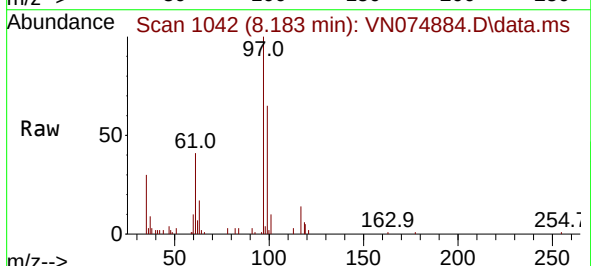
Tgt Ion: 97 Resp: 36679

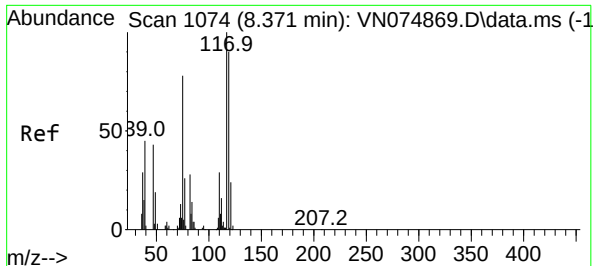
Ion Ratio Lower Upper

97 100

99 49.2 50.0 75.0#

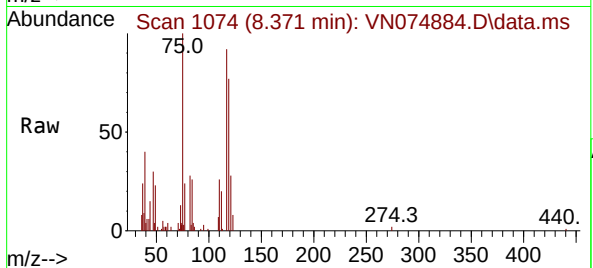
61 46.7 36.1 54.1





#33
Carbon Tetrachloride
Concen: 3.986 ug/l
RT: 8.371 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

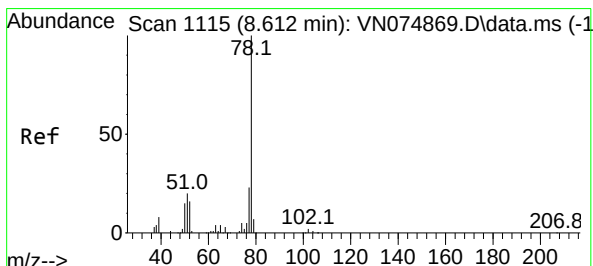
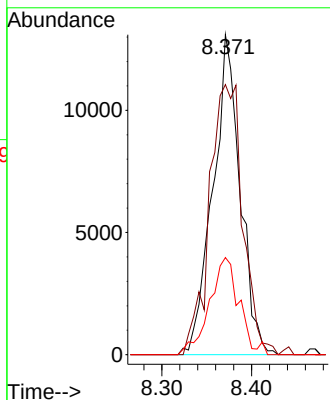
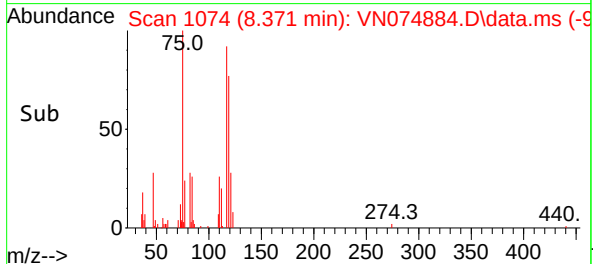
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



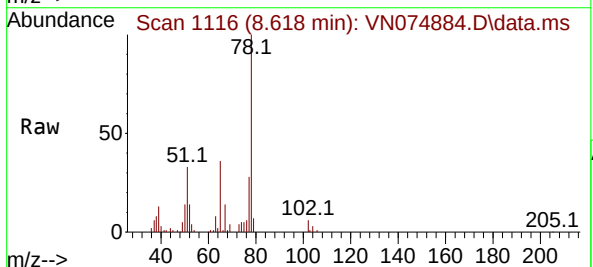
Tgt Ion:117 Resp: 2767
Ion Ratio Lower Upper
117 100
119 84.4 77.8 116.6
121 30.4 27.6 41.4

Manual Integrations
APPROVED

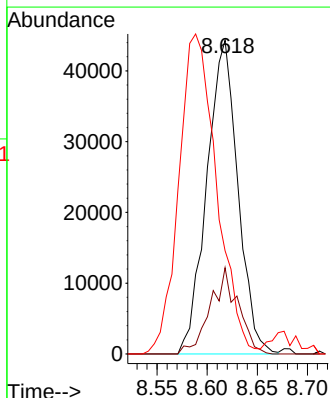
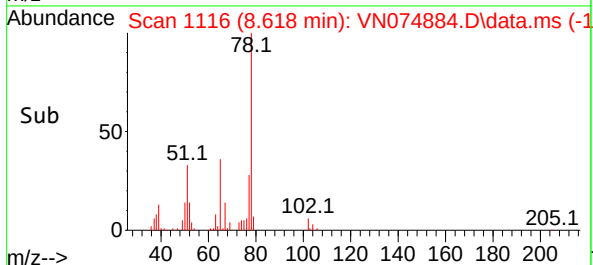
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

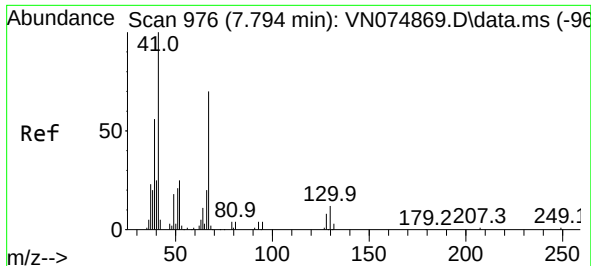


#34
Benzene
Concen: 4.109 ug/l
RT: 8.618 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45



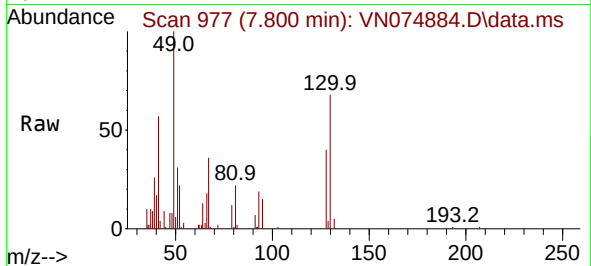
Tgt Ion: 78 Resp: 95735
Ion Ratio Lower Upper
78 100
77 27.5 19.9 29.9
51 26.1 21.1 31.7





#35
Methacrylonitrile
Concen: 3.695 ug/l
RT: 7.800 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

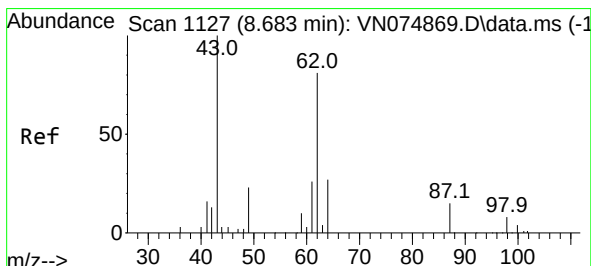
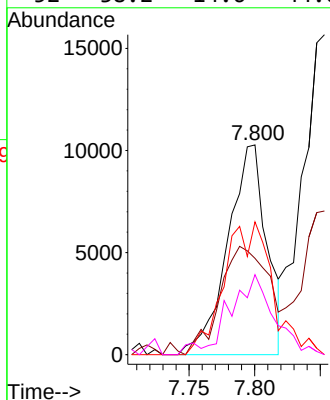
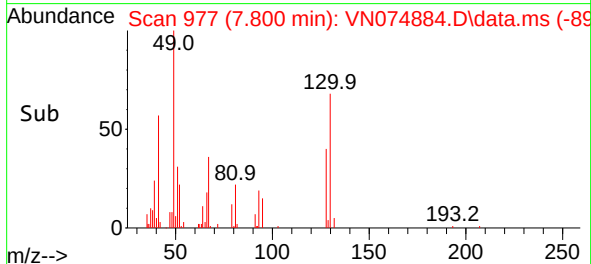
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 41 Resp: 2136
Ion Ratio Lower Upper
41 100
39 44.1 27.7 83.1
67 63.3 38.0 113.9
52 38.2 14.6 44.0

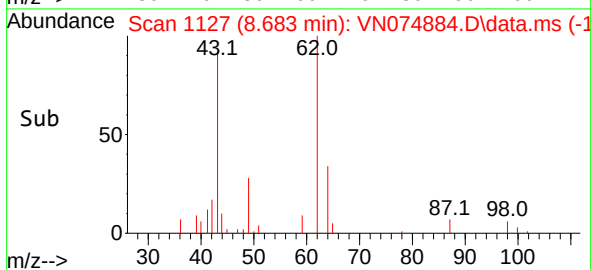
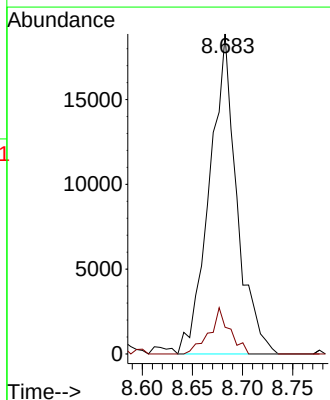
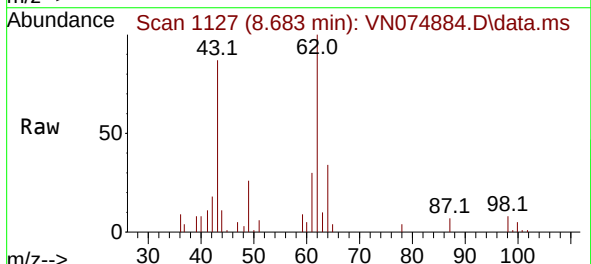
Manual Integrations
APPROVED

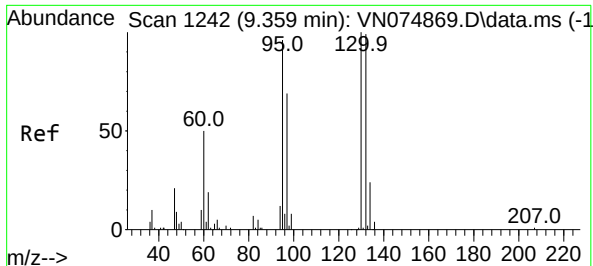
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#36
1,2-Dichloroethane
Concen: 4.614 ug/l
RT: 8.683 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 62 Resp: 35802
Ion Ratio Lower Upper
62 100
98 10.7 7.4 11.2





#37

Trichloroethene

Concen: 4.082 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VN074884.D

Acq: 12 Oct 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion:130 Resp: 1978

Ion Ratio Lower Upper

130 100

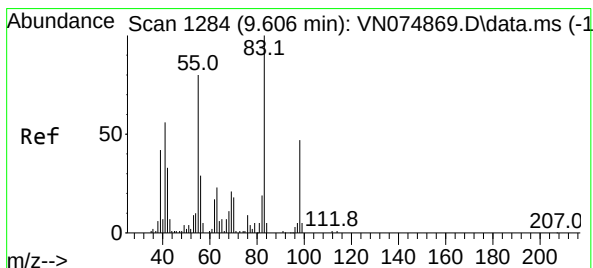
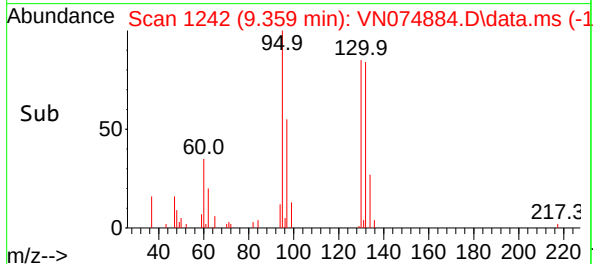
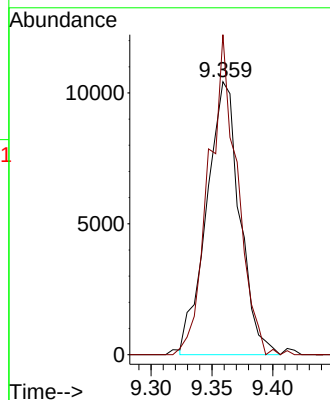
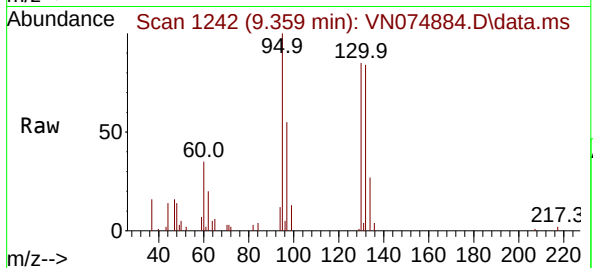
95 117.3 75.9 113.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#38

Methylcyclohexane

Concen: 4.292 ug/l

RT: 9.600 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VN074884.D

Acq: 12 Oct 2022 18:45

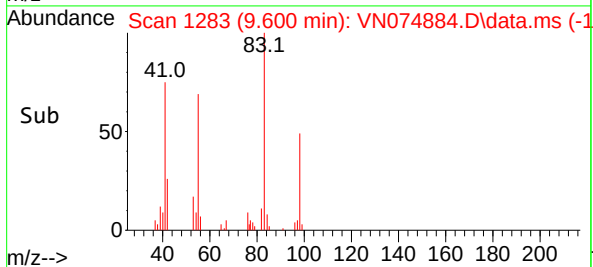
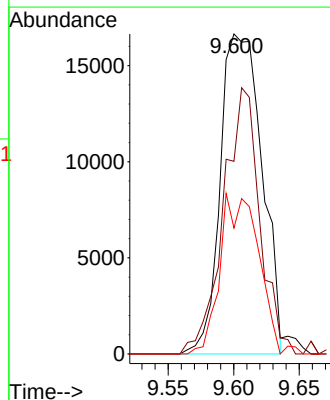
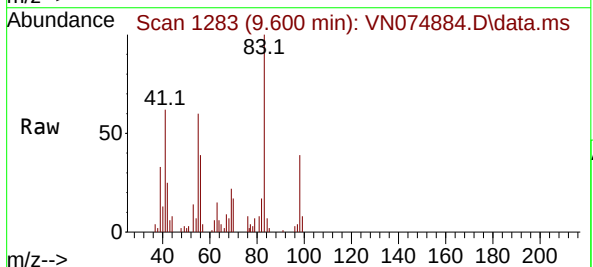
Tgt Ion: 83 Resp: 36752

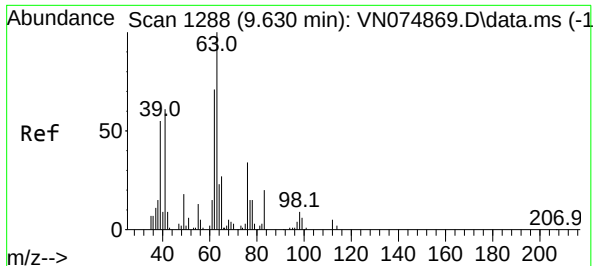
Ion Ratio Lower Upper

83 100

55 72.5 37.4 112.2

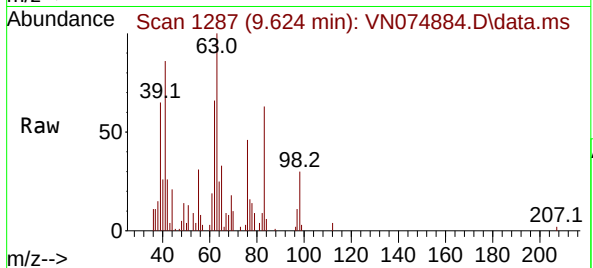
98 25.9 24.5 73.5





#39
1,2-Dichloropropane
Concen: 4.366 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

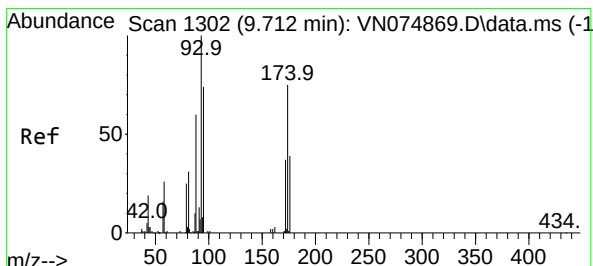
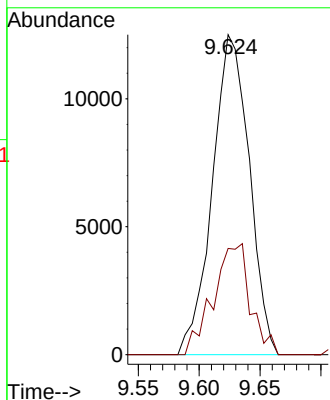
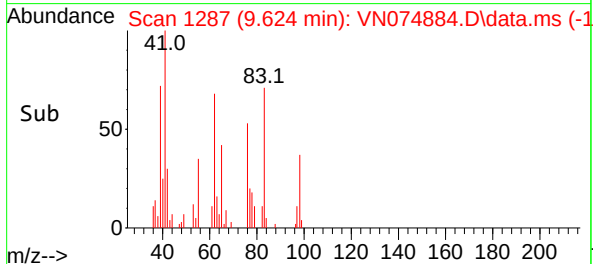
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 63 Resp: 26370
Ion Ratio Lower Upper
63 100
65 33.2 25.0 37.6

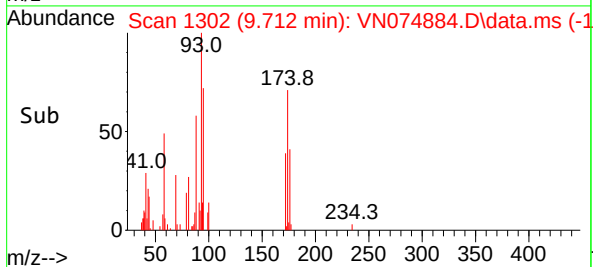
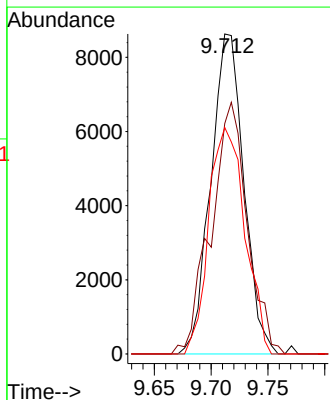
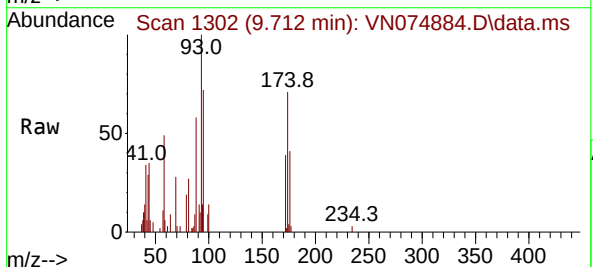
Manual Integrations
APPROVED

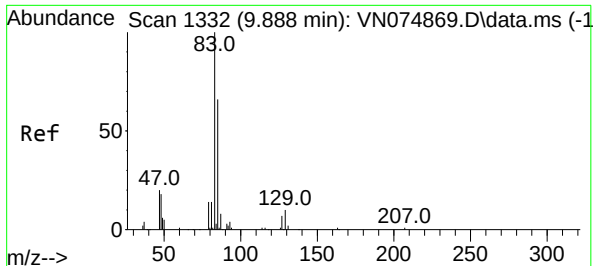
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#40
Dibromomethane
Concen: 4.364 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 93 Resp: 17468
Ion Ratio Lower Upper
93 100
95 86.4 0.0 168.0
174 77.6 0.0 158.4





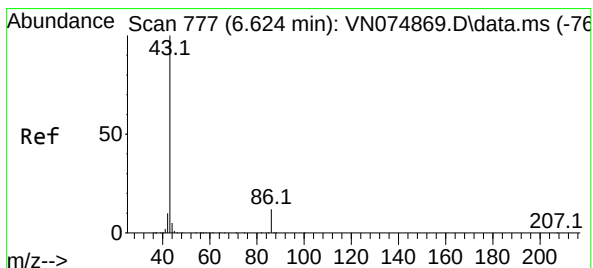
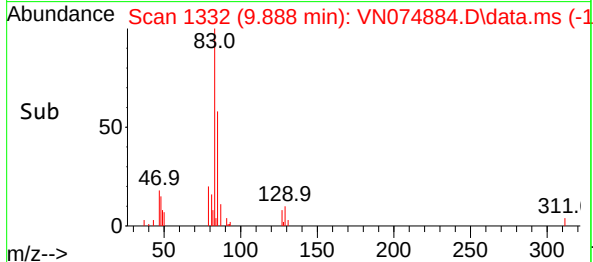
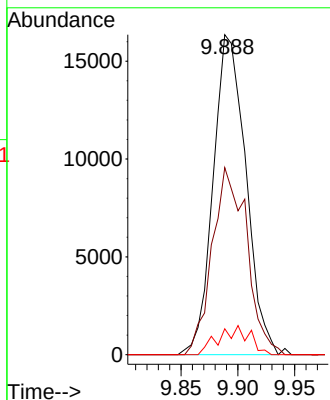
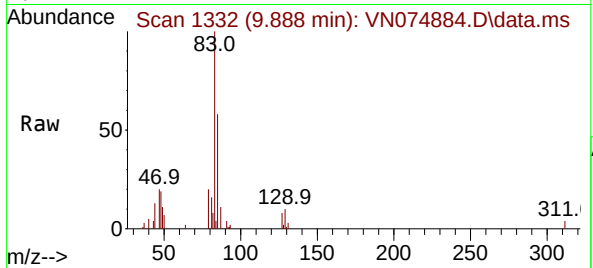
#41
Bromodichloromethane
Concen: 4.189 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 83 Resp: 32659
Ion Ratio Lower Upper
83 100
85 58.4 50.2 75.4
127 8.1 5.1 7.7

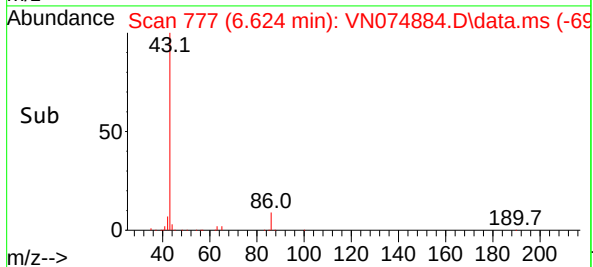
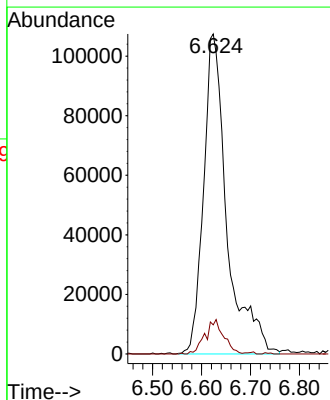
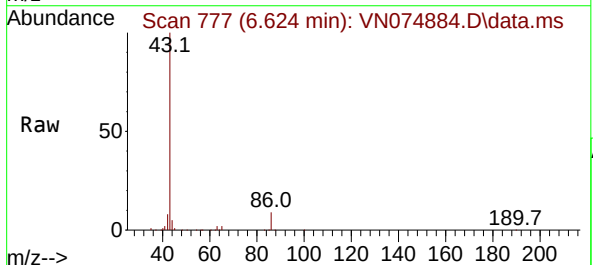
Manual Integrations
APPROVED

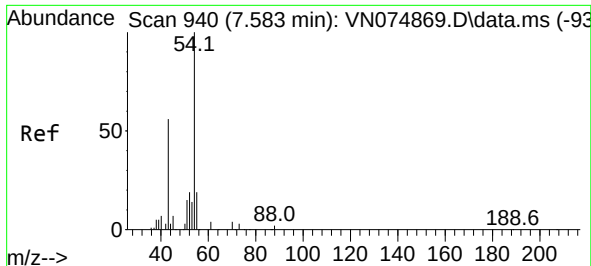
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#42
Vinyl Acetate
Concen: 21.307 ug/l m
RT: 6.624 min Scan# 777
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

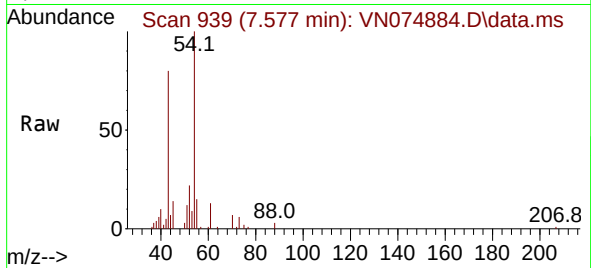
Tgt Ion: 43 Resp: 356975
Ion Ratio Lower Upper
43 100
86 6.3 7.5 11.3





#43
Ethyl Acetate
Concen: 4.076 ug/l
RT: 7.577 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

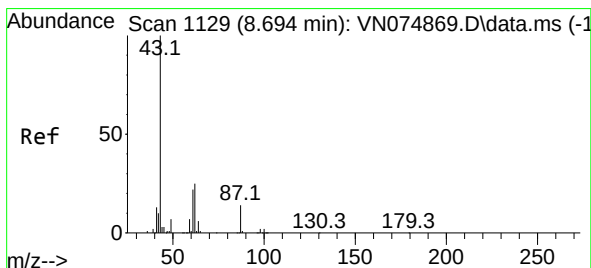
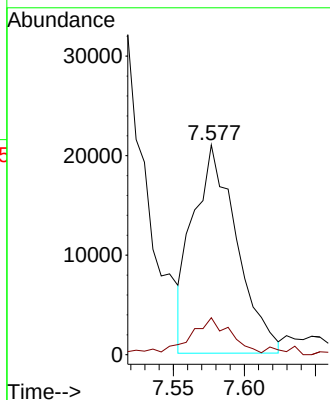
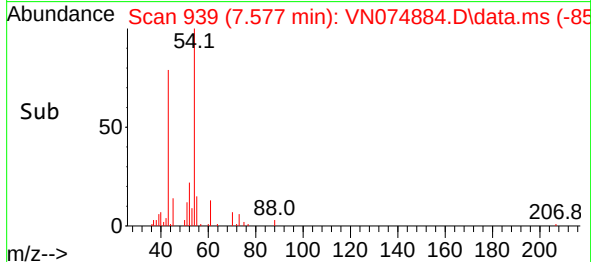
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 43 Resp: 44578
Ion Ratio Lower Upper
43 100
45 16.2 11.5 17.3

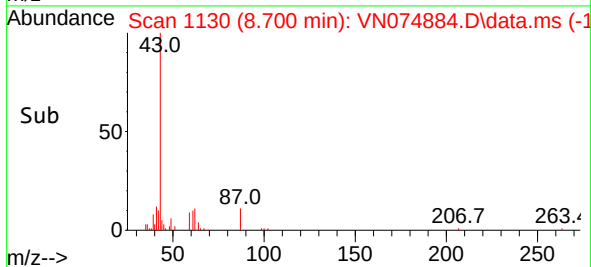
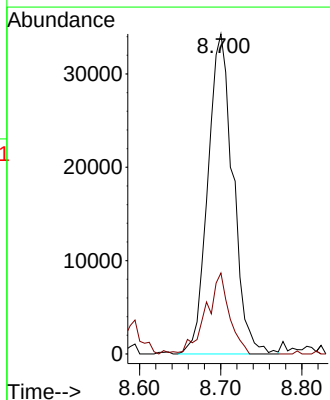
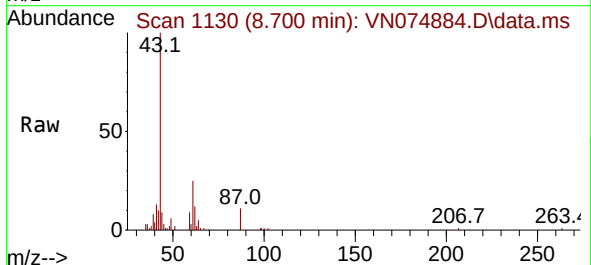
Manual Integrations
APPROVED

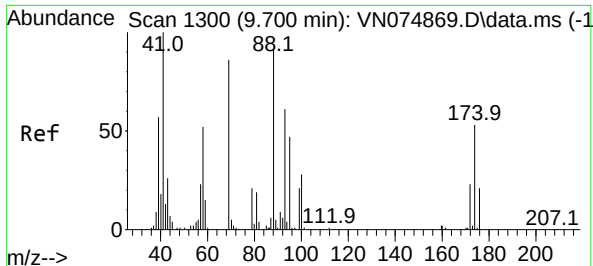
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#44
Isopropyl Acetate
Concen: 4.373 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

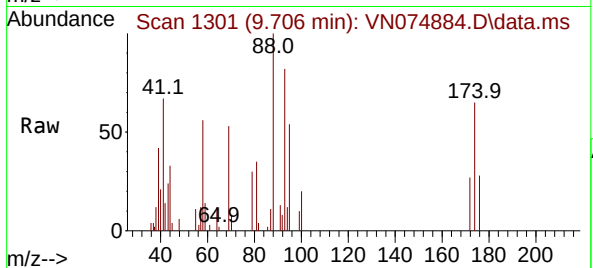
Tgt Ion: 43 Resp: 73952
Ion Ratio Lower Upper
43 100
61 21.6 19.5 29.3





#45
1,4-Dioxane
Concen: 71.661 ug/l
RT: 9.706 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

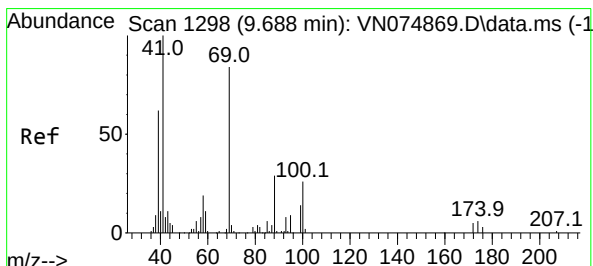
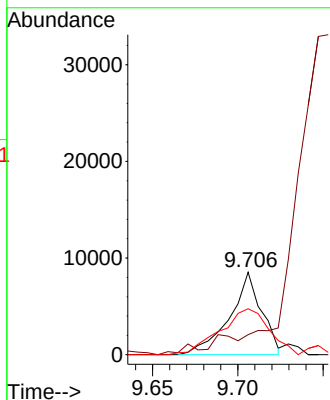
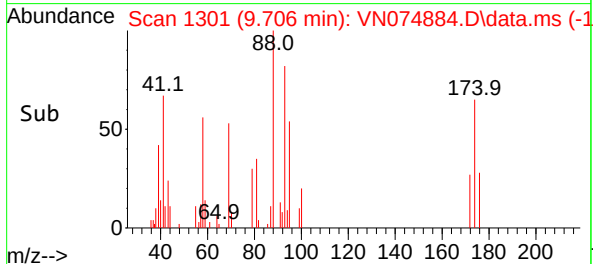
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



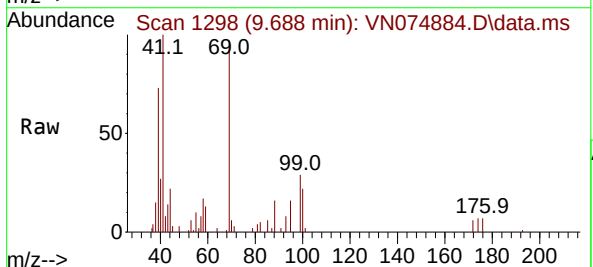
Tgt Ion: 88 Resp: 1111
Ion Ratio Lower Upper
88 100
43 8.8 25.7 38.5
58 85.4 53.4 80.2

Manual Integrations
APPROVED

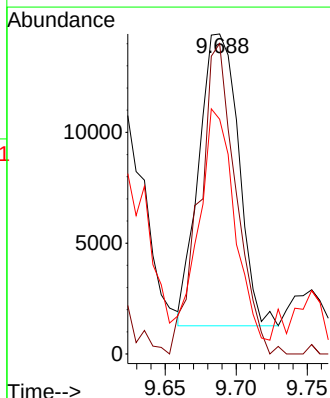
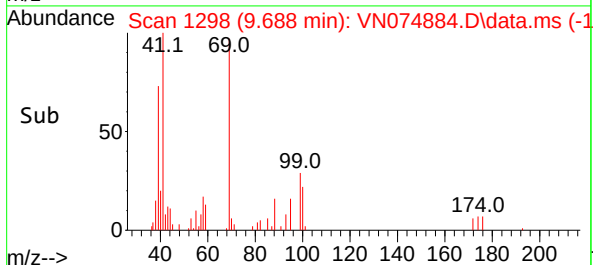
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

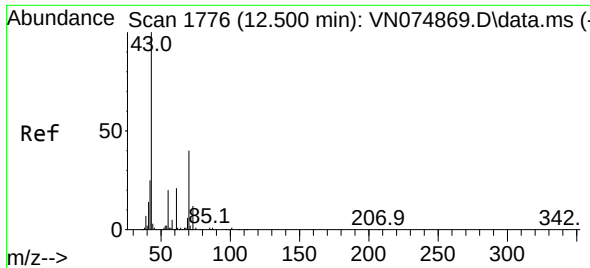


#46
Methyl methacrylate
Concen: 3.494 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45



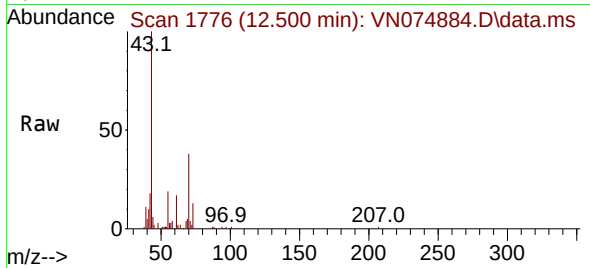
Tgt Ion: 41 Resp: 25589
Ion Ratio Lower Upper
41 100
69 103.8 45.6 136.7
39 67.4 32.3 96.9





#47
n-amy1 Acetate
Concen: 3.563 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

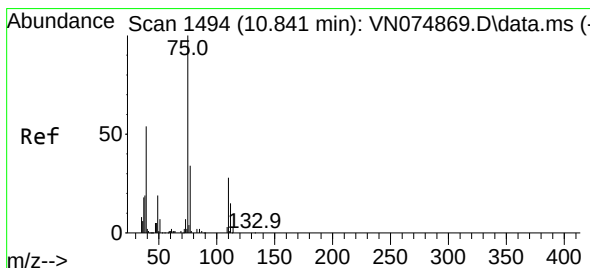
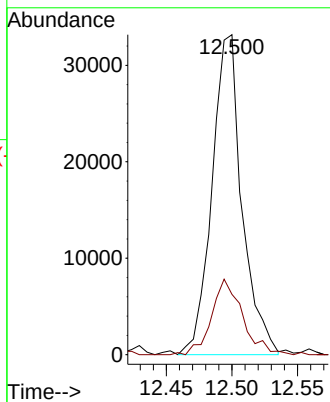
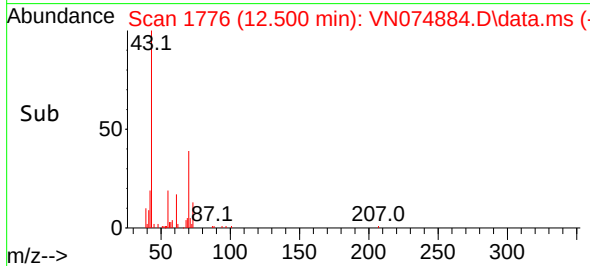
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 43 Resp: 52718
Ion Ratio Lower Upper
43 100
55 23.8 16.8 25.2

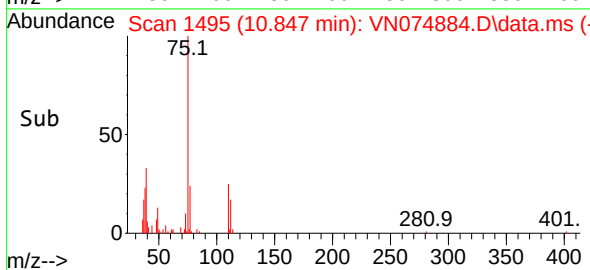
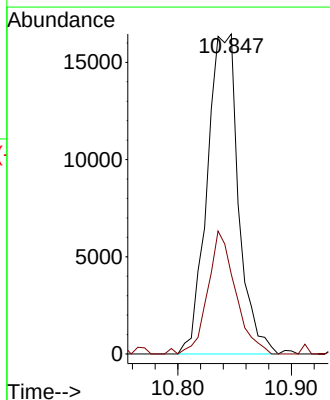
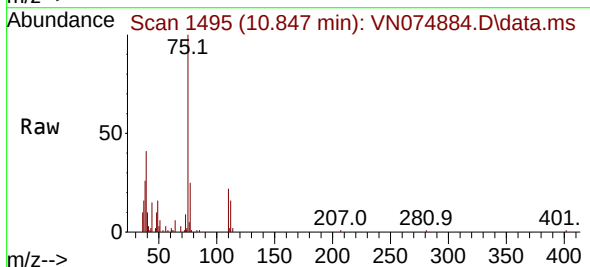
Manual Integrations
APPROVED

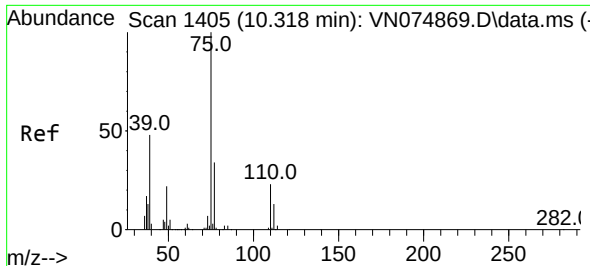
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#48
t-1,3-Dichloropropene
Concen: 3.534 ug/l
RT: 10.847 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

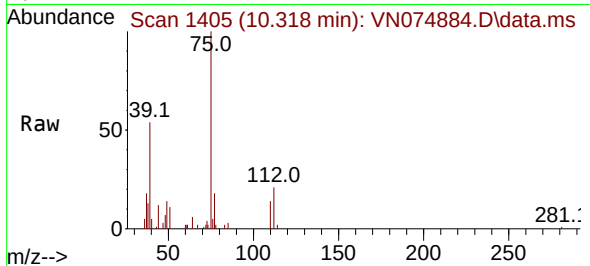
Tgt Ion: 75 Resp: 31611
Ion Ratio Lower Upper
75 100
77 24.8 25.8 38.8#





#49
 cis-1,3-Dichloropropene
 Concen: 4.037 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VN074884.D
 Acq: 12 Oct 2022 18:45

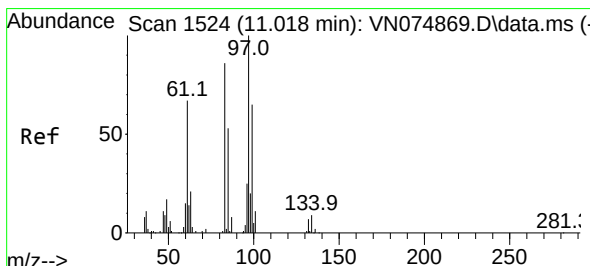
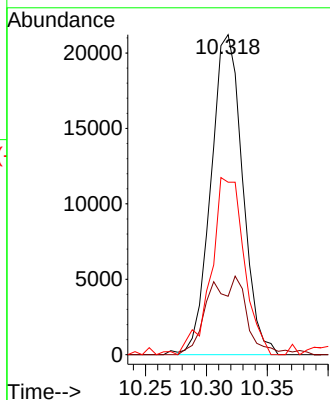
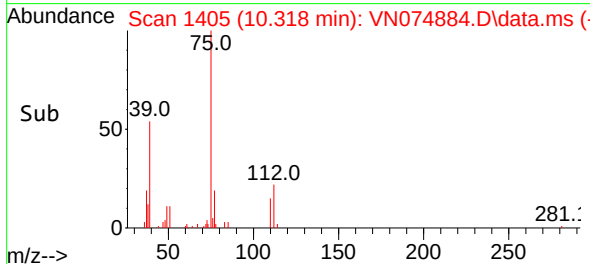
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 75	Resp: 3828
Ion Ratio	Lower Upper
75 100	
77 18.3	22.5 33.7
39 53.9	37.6 56.4

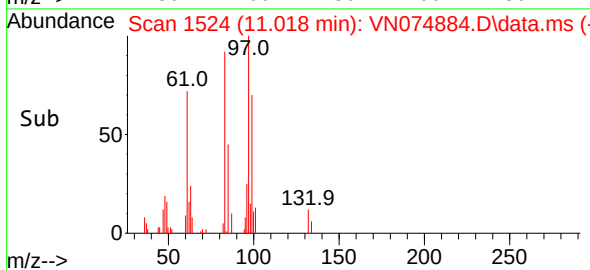
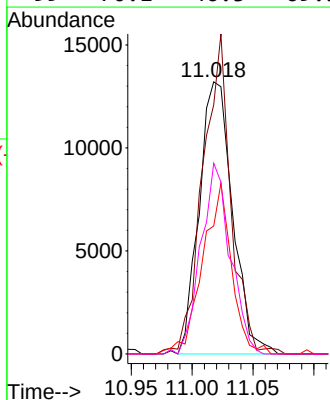
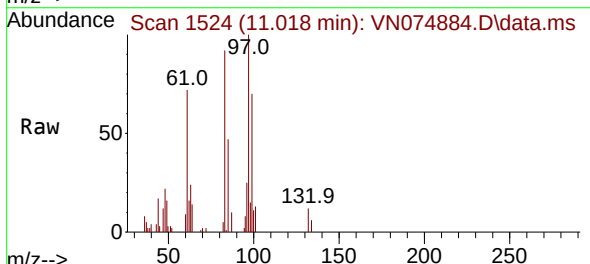
Manual Integrations
 APPROVED

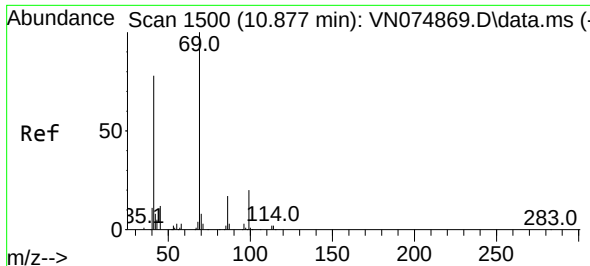
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#50
 1,1,2-Trichloroethane
 Concen: 4.270 ug/l
 RT: 11.018 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VN074884.D
 Acq: 12 Oct 2022 18:45

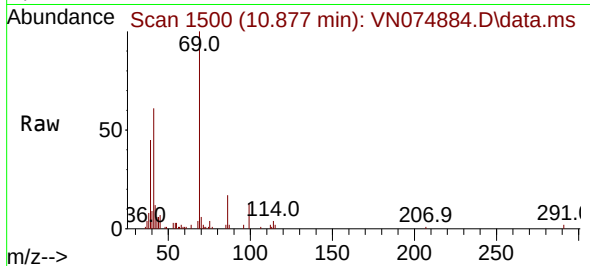
Tgt Ion: 97	Resp: 25149
Ion Ratio	Lower Upper
97 100	
83 89.9	69.2 103.8
85 47.0	41.4 62.2
99 70.1	46.3 69.5





#51
Ethyl methacrylate
Concen: 3.744 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

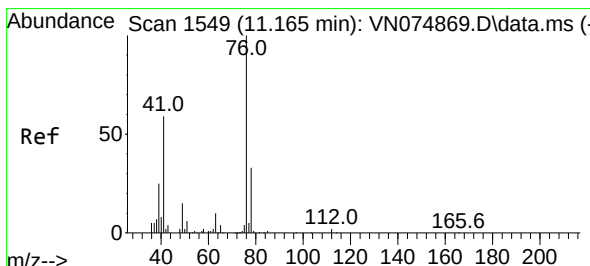
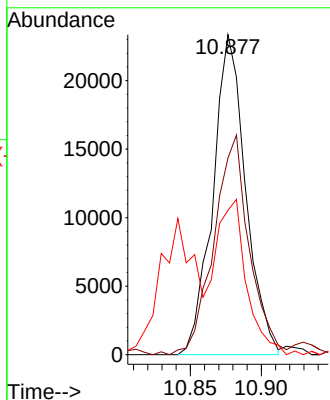
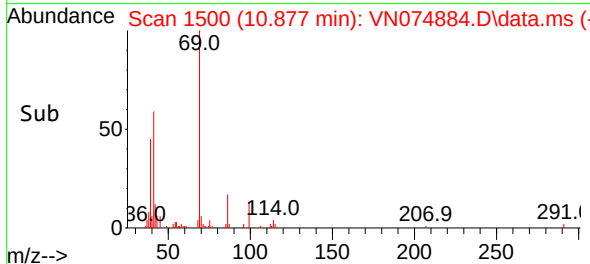
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 69 Resp: 37500
Ion Ratio Lower Upper
69 100
41 59.9 32.5 97.5
39 42.1 21.5 64.5

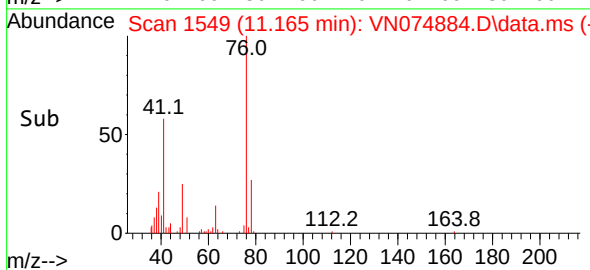
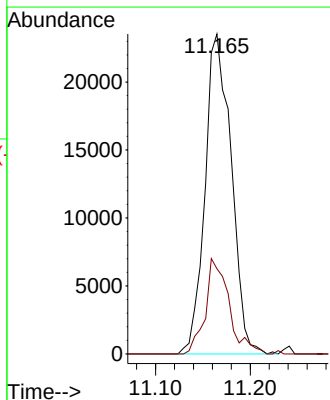
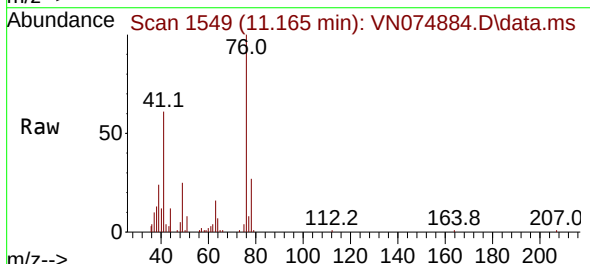
Manual Integrations
APPROVED

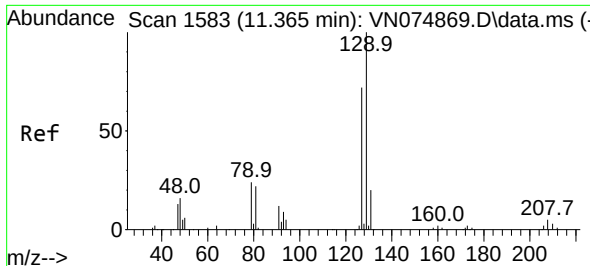
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#52
1,3-Dichloropropane
Concen: 4.453 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

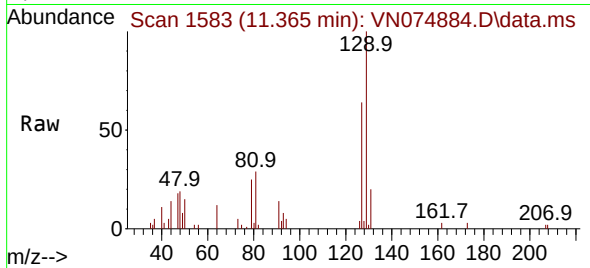
Tgt Ion: 76 Resp: 45276
Ion Ratio Lower Upper
76 100
78 24.9 0.0 63.8





#53
Dibromochloromethane
Concen: 3.731 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

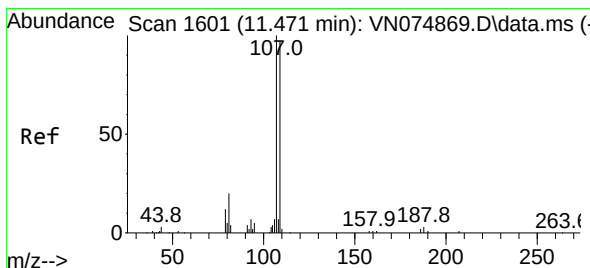
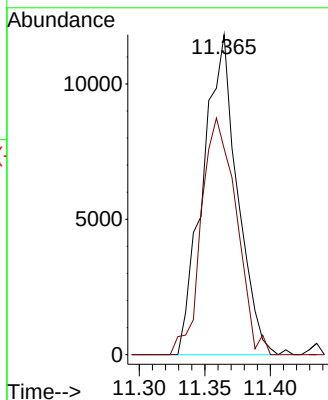
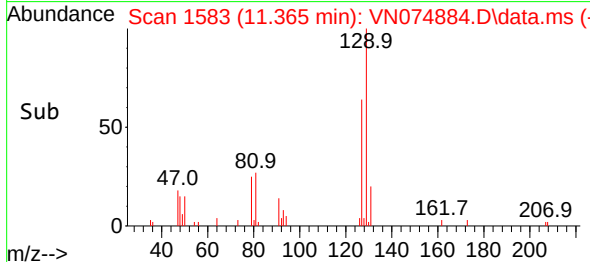
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



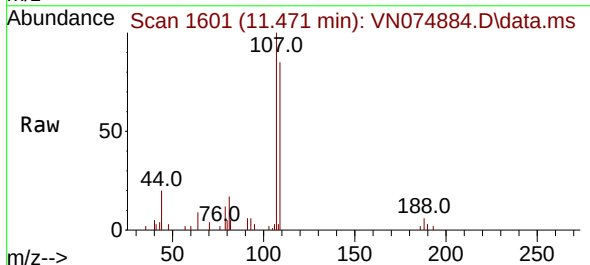
Tgt Ion:129 Resp: 2153
Ion Ratio Lower Upper
129 100
127 68.8 40.6 121.7

Manual Integrations
APPROVED

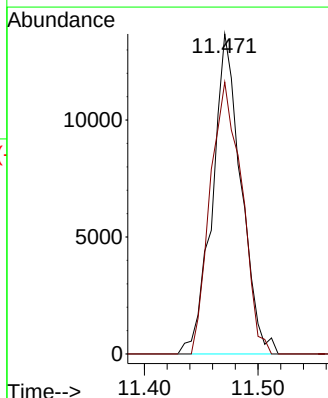
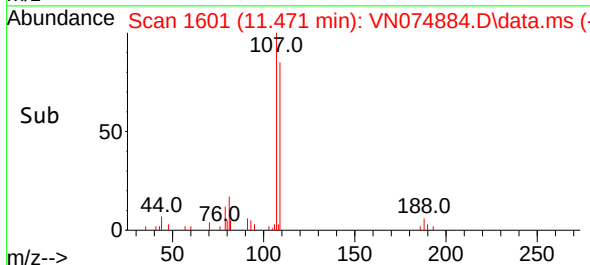
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

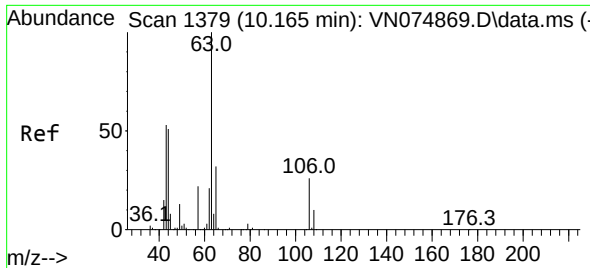


#54
1,2-Dibromoethane
Concen: 4.243 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45



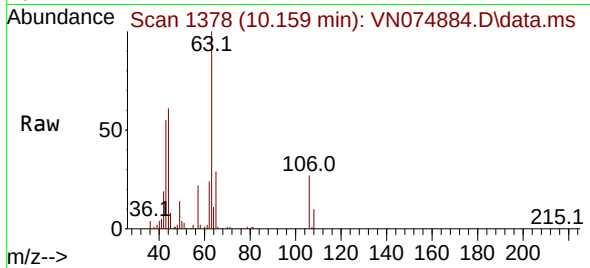
Tgt Ion:107 Resp: 24013
Ion Ratio Lower Upper
107 100
109 93.7 76.2 114.2





#55
2-Chloroethyl vinyl ether
Concen: 17.884 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

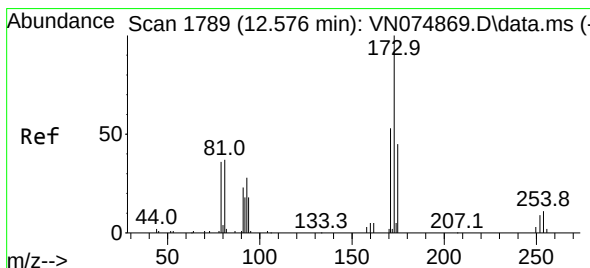
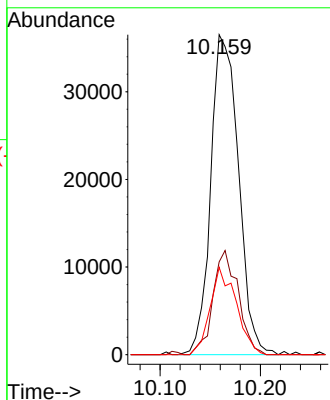
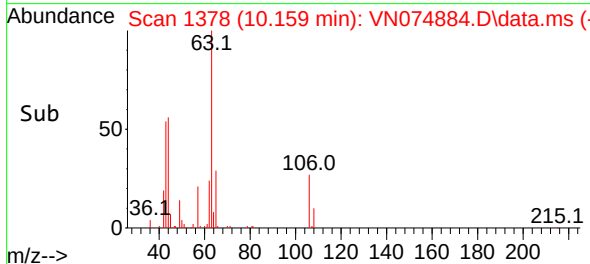
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 63 Resp: 70070
Ion Ratio Lower Upper
63 100
65 29.8 24.6 36.8
106 25.8 21.3 31.9

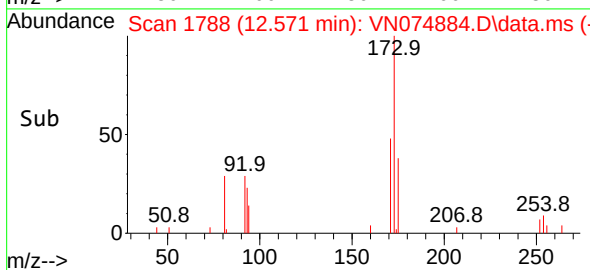
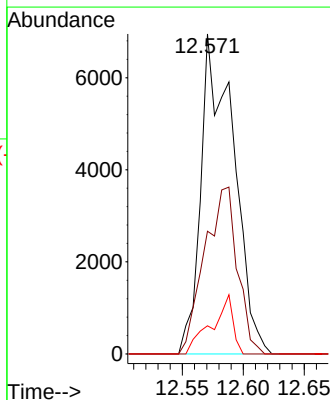
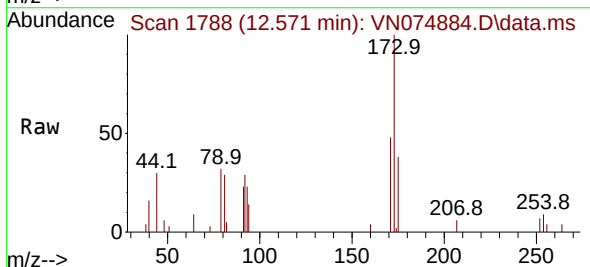
Manual Integrations
APPROVED

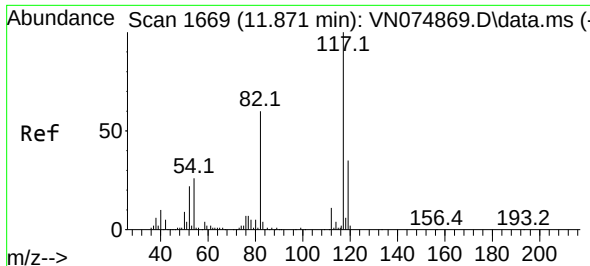
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#56
Bromoform
Concen: 3.118 ug/l m
RT: 12.571 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

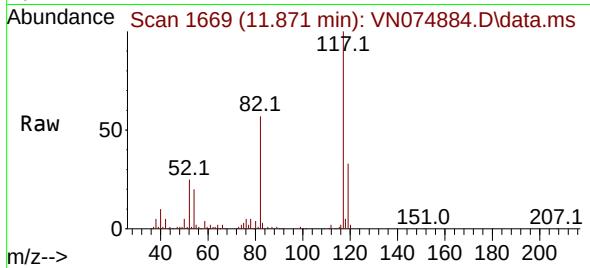
Tgt Ion:173 Resp: 12968
Ion Ratio Lower Upper
173 100
175 0.0 39.1 58.7#
254 5.3 7.0 10.6#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

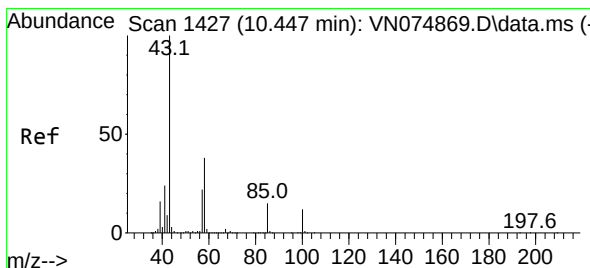
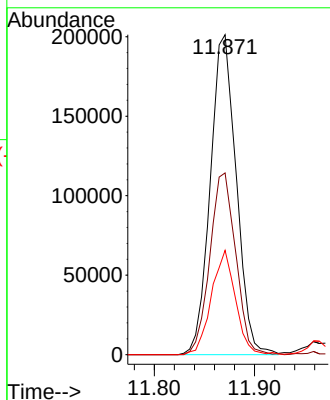
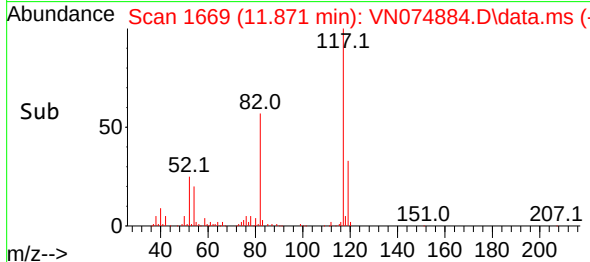
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



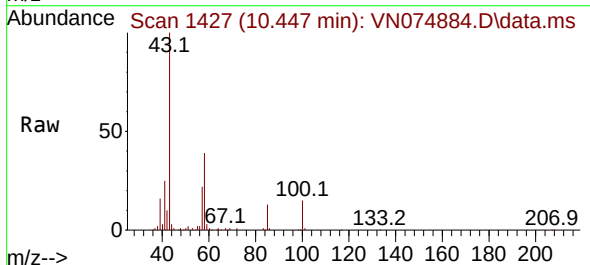
Tgt Ion:117 Resp: 362899
Ion Ratio Lower Upper
117 100
82 56.5 44.6 67.0
119 30.0 25.6 38.4

Manual Integrations
APPROVED

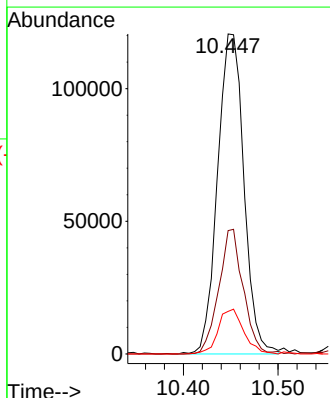
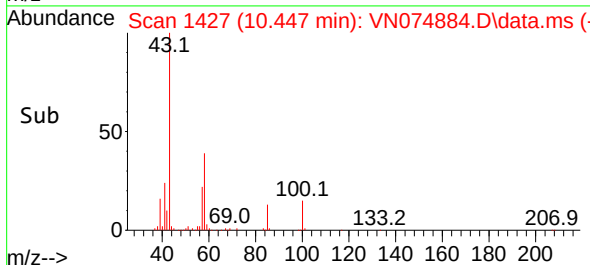
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

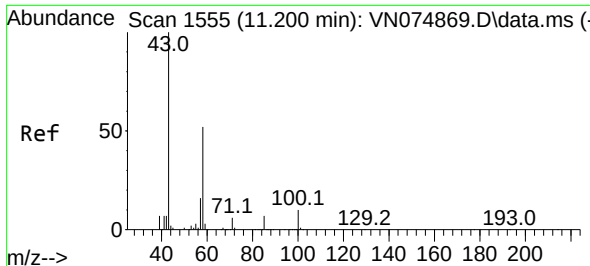


#58
4-Methyl-2-Pentanone
Concen: 20.676 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45



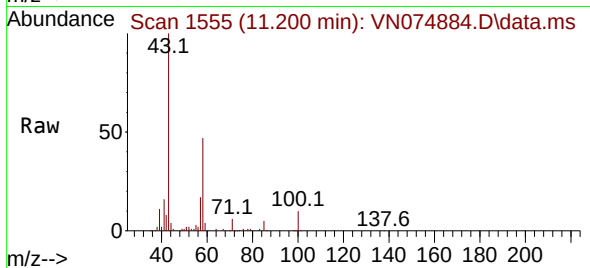
Tgt Ion: 43 Resp: 233349
Ion Ratio Lower Upper
43 100
58 36.0 30.8 46.2
85 13.6 13.3 19.9





#59
2-Hexanone
Concen: 19.657 ug/l
RT: 11.200 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

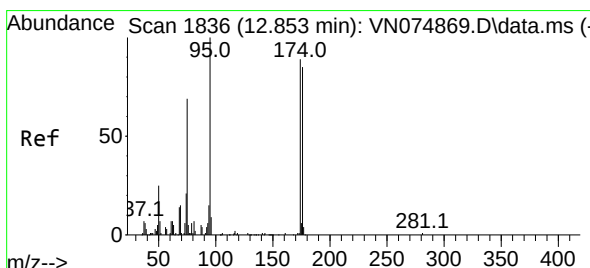
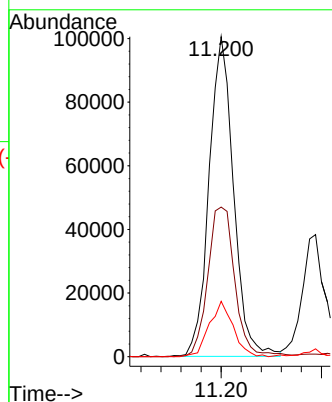
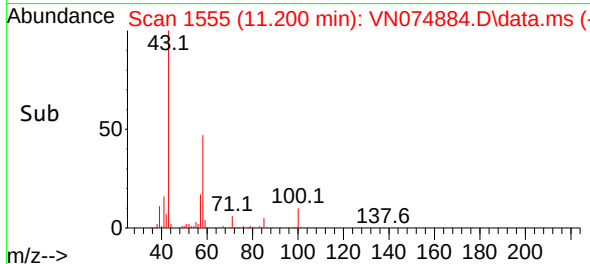
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 43 Resp: 17073
Ion Ratio Lower Upper
43 100
58 50.8 43.6 65.4
57 16.9 14.3 21.5

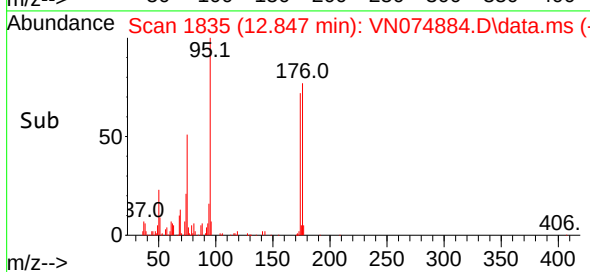
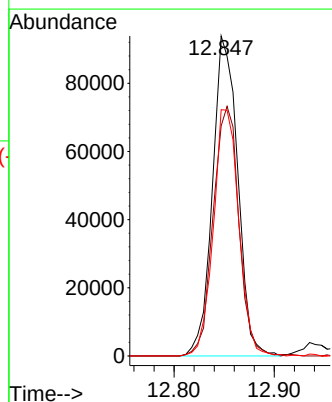
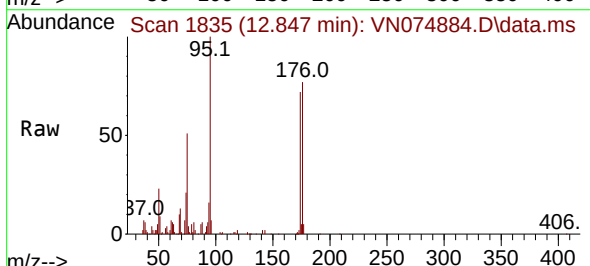
Manual Integrations
APPROVED

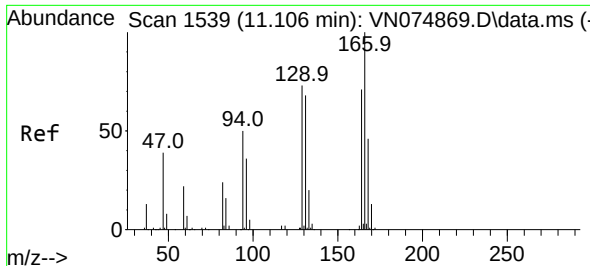
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#60
4-Bromofluorobenzene
Concen: 25.436 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

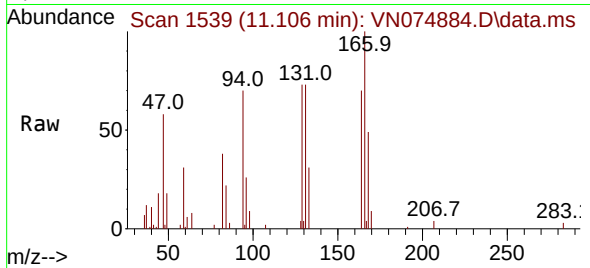
Tgt Ion: 95 Resp: 163692
Ion Ratio Lower Upper
95 100
174 79.6 57.8 86.8
176 77.9 57.0 85.4





#61
Tetrachloroethene
Concen: 4.198 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

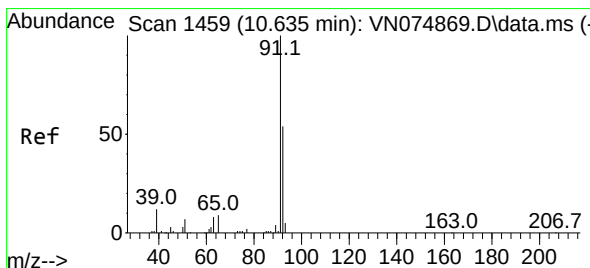
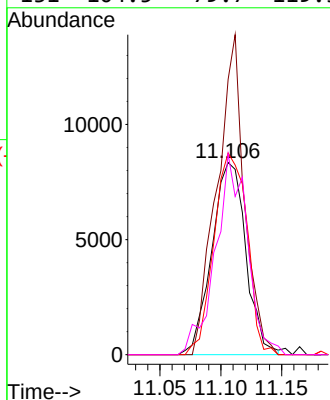
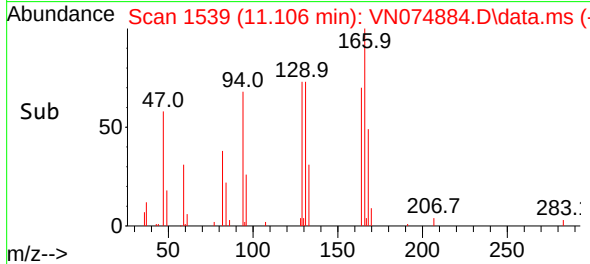
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion:164 Resp: 1624
Ion Ratio Lower Upper
164 100
166 143.2 99.6 149.4
129 105.0 84.0 126.0
131 104.5 79.7 119.5

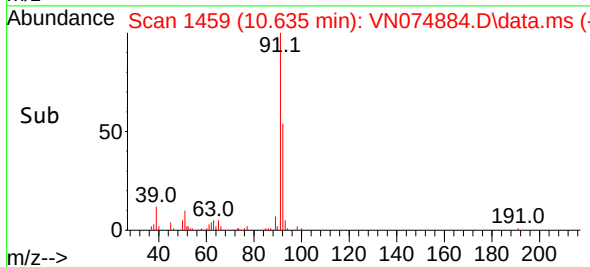
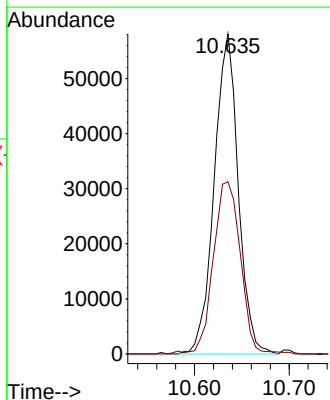
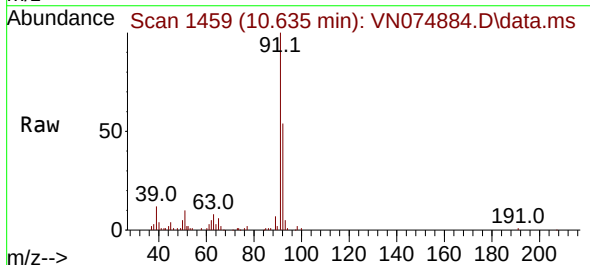
Manual Integrations
APPROVED

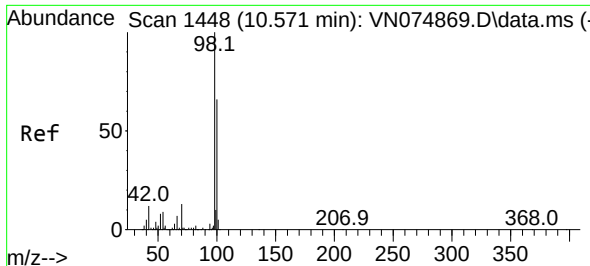
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#62
Toluene
Concen: 4.086 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

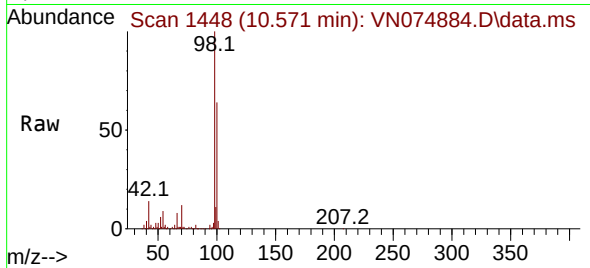
Tgt Ion: 91 Resp: 102441
Ion Ratio Lower Upper
91 100
92 59.5 46.0 69.0





#63
Toluene-d8
Concen: 30.171 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

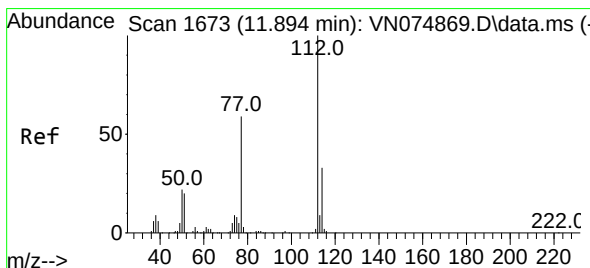
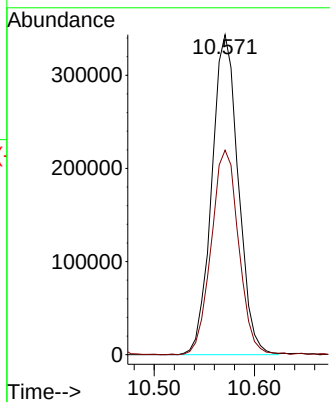
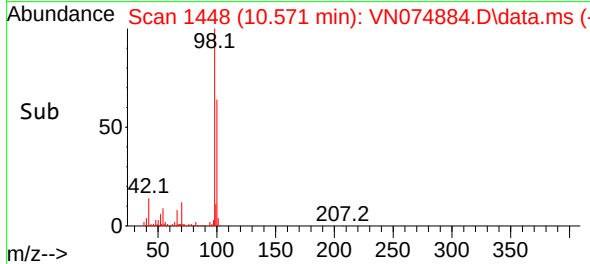
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 98 Resp: 631910
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1

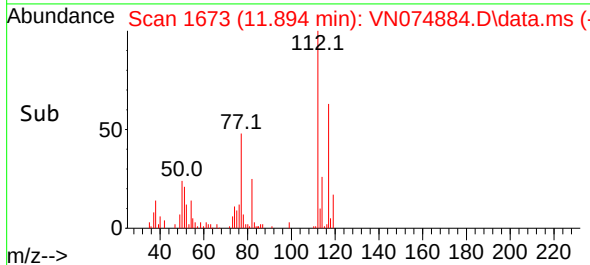
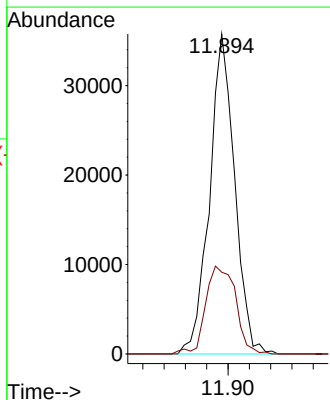
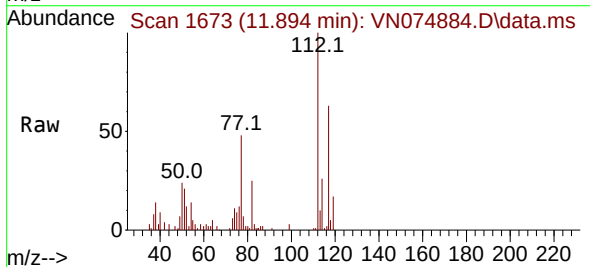
Manual Integrations
APPROVED

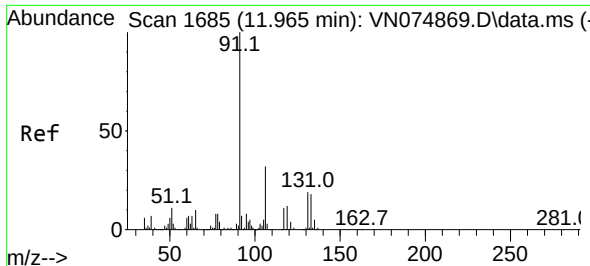
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#64
Chlorobenzene
Concen: 4.104 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

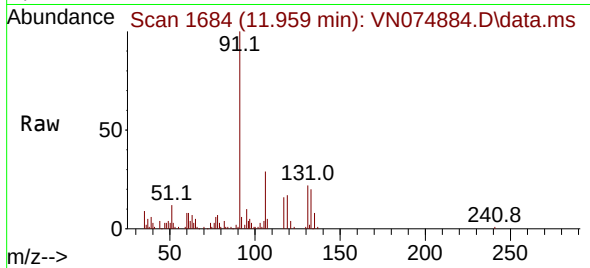
Tgt Ion:112 Resp: 58489
Ion Ratio Lower Upper
112 100
114 25.6 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 3.879 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

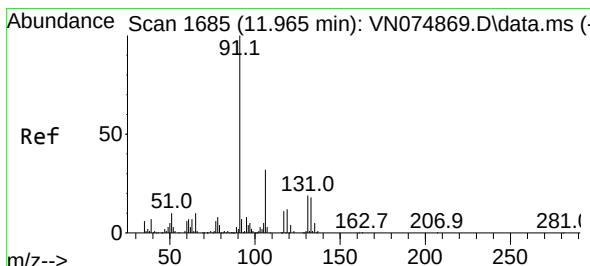
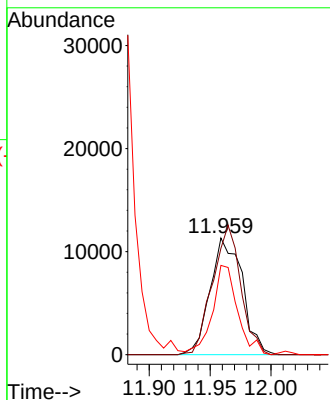
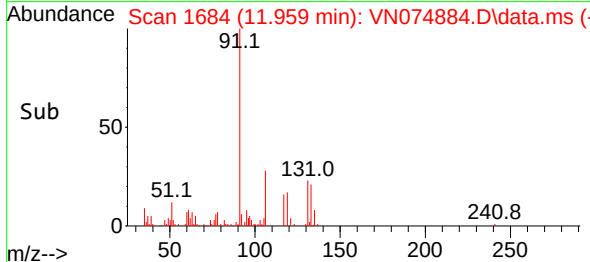
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion:131 Resp: 2082
Ion Ratio Lower Upper
131 100
133 97.5 0.0 191.8
119 60.0 0.0 135.8

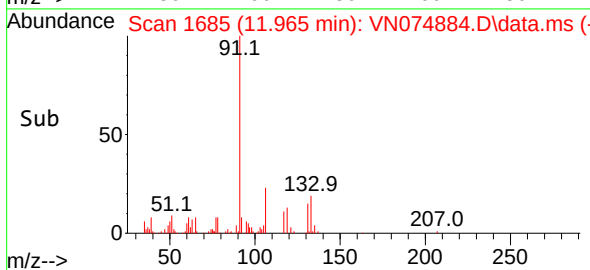
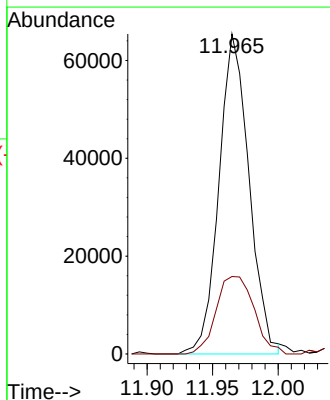
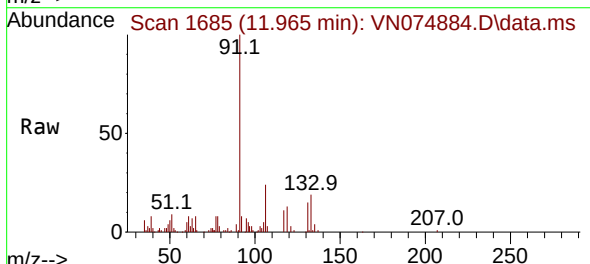
Manual Integrations
APPROVED

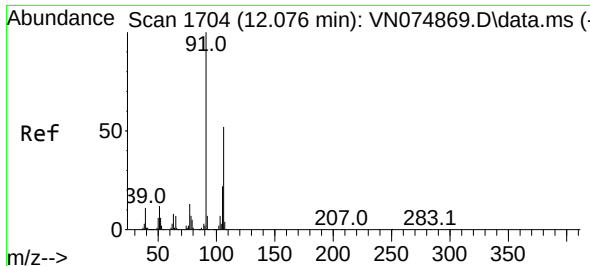
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#66
Ethyl Benzene
Concen: 3.828 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 91 Resp: 104360
Ion Ratio Lower Upper
91 100
106 24.2 24.1 36.1





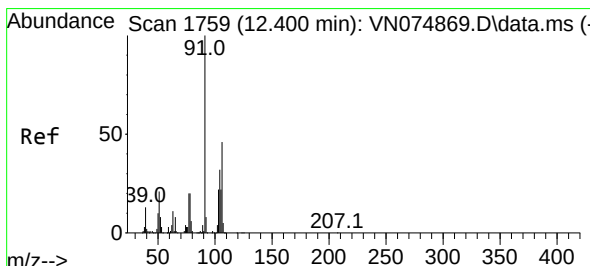
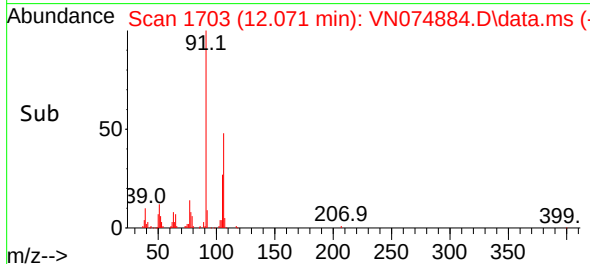
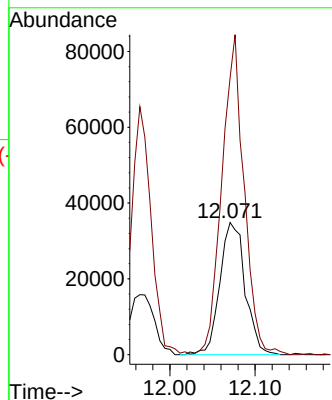
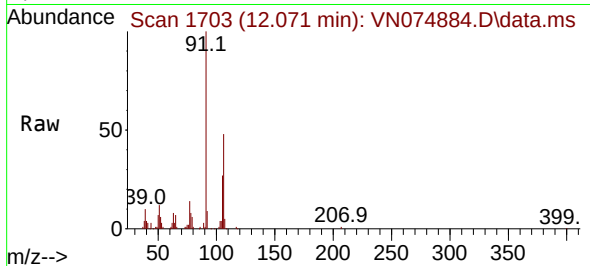
#67
m/p-Xylenes
Concen: 7.042 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:106 Resp: 72128
Ion Ratio Lower Upper
106 100
91 210.4 164.2 246.4

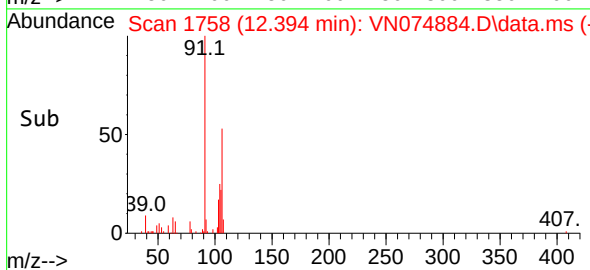
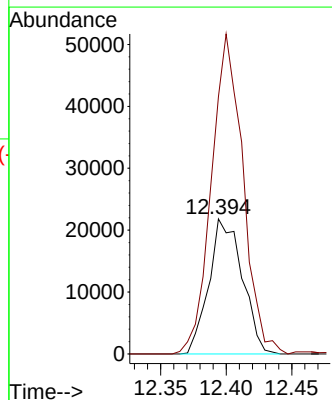
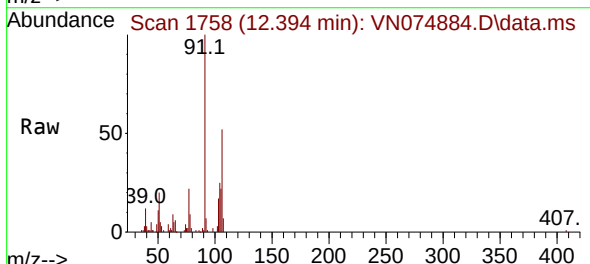
Manual Integrations
APPROVED

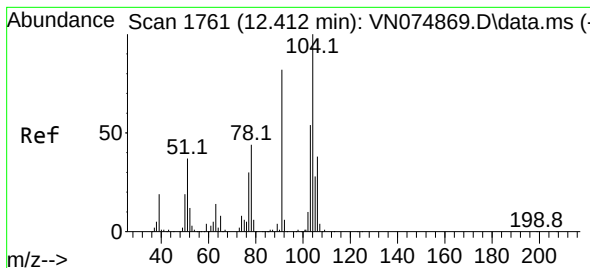
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#68
o-Xylene
Concen: 3.722 ug/l
RT: 12.394 min Scan# 1758
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion:106 Resp: 38745
Ion Ratio Lower Upper
106 100
91 222.9 108.5 325.5





#69

Styrene

Concen: 3.617 ug/l

RT: 12.412 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074884.D

Acq: 12 Oct 2022 18:45

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

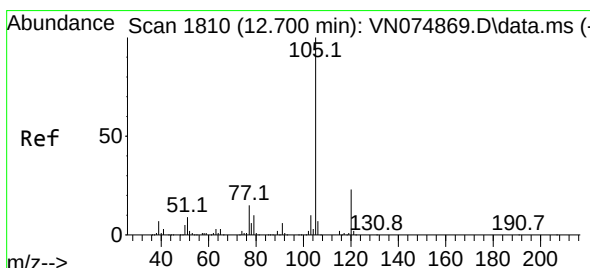
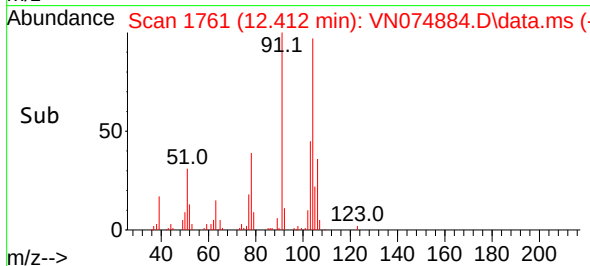
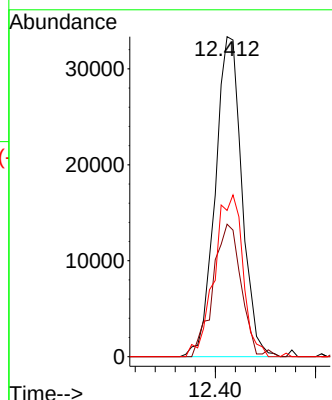
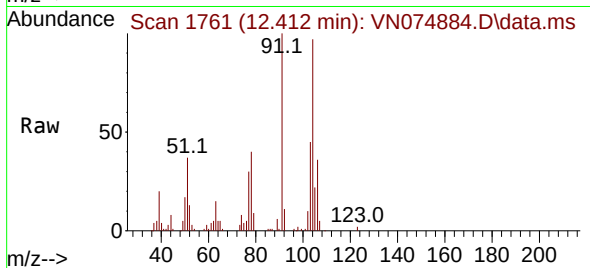
Tgt Ion:104	Resp:	61628
Ion Ratio	Lower	Upper
104	100	
78	43.1	39.9 59.9
103	54.1	43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#70

Isopropylbenzene

Concen: 3.486 ug/l

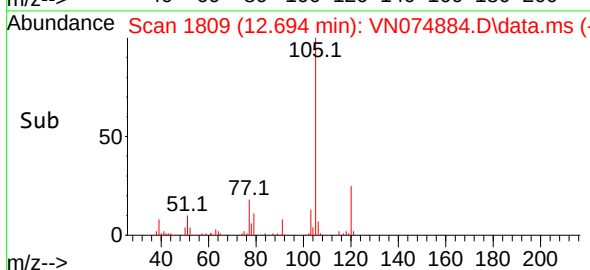
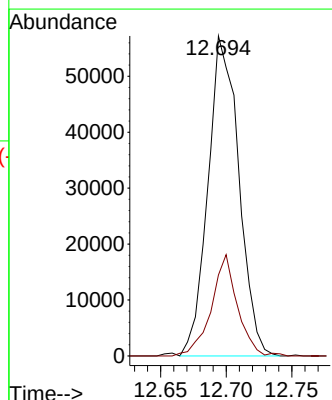
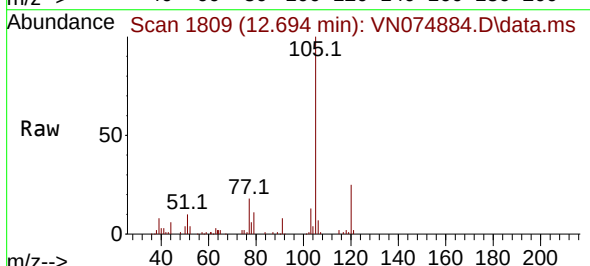
RT: 12.694 min Scan# 1809

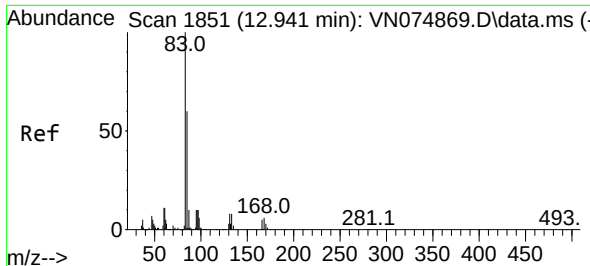
Delta R.T. -0.006 min

Lab File: VN074884.D

Acq: 12 Oct 2022 18:45

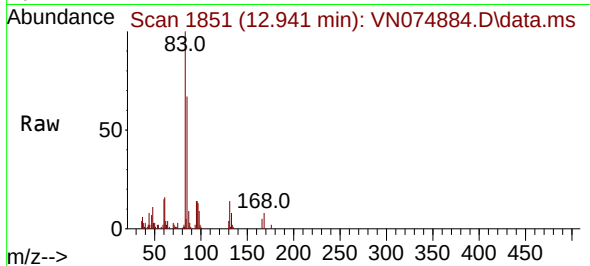
Tgt Ion:105	Resp:	93602
Ion Ratio	Lower	Upper
105	100	
120	26.6	18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 4.134 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

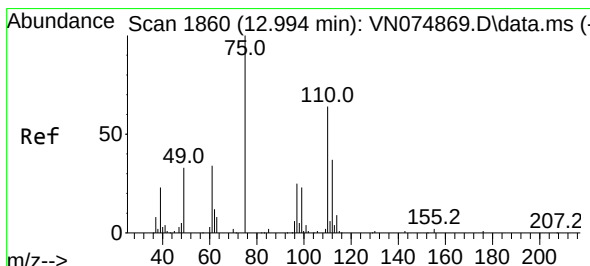
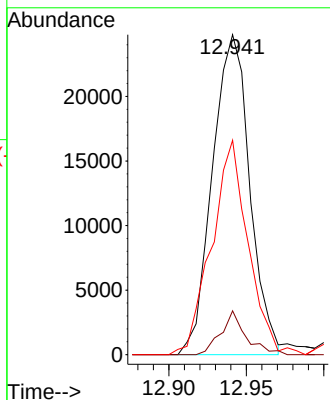
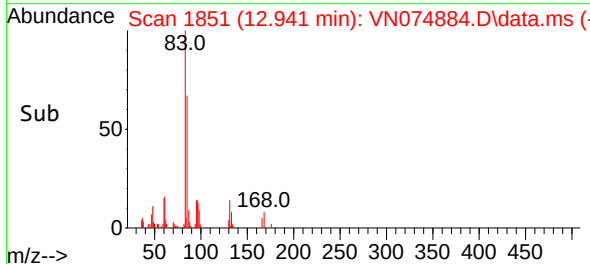
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 83 Resp: 41529
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.5
85 64.9 30.9 92.7

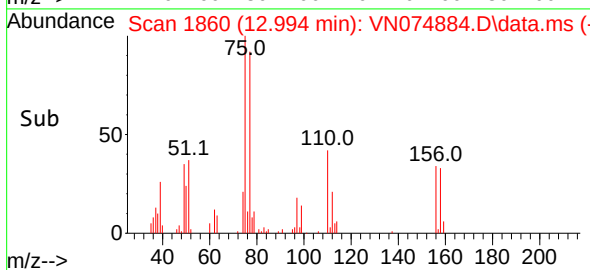
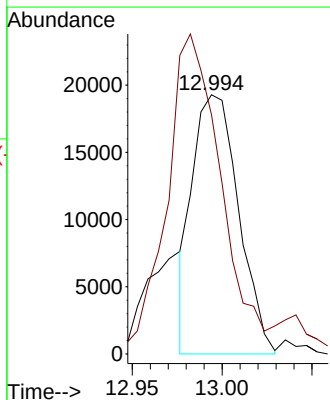
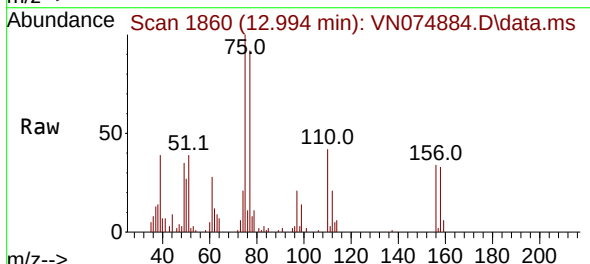
Manual Integrations
APPROVED

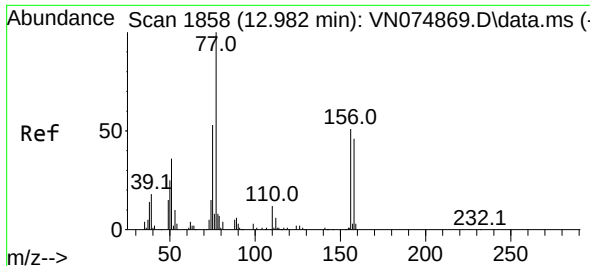
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#72
1,2,3-Trichloropropane
Concen: 4.068 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

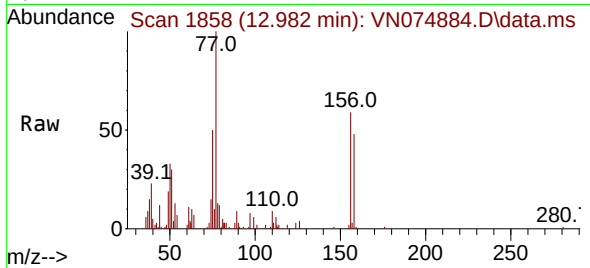
Tgt Ion: 75 Resp: 34326
Ion Ratio Lower Upper
75 100
77 144.3 0.0 372.4





#73
Bromobenzene
Concen: 4.215 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

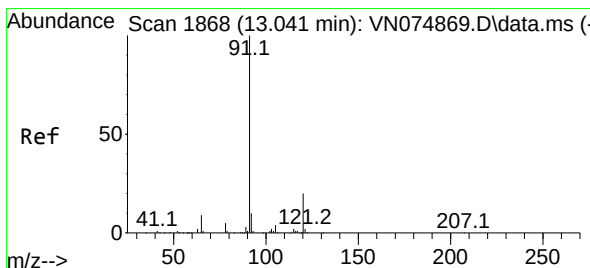
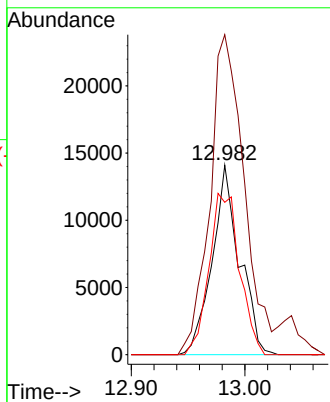
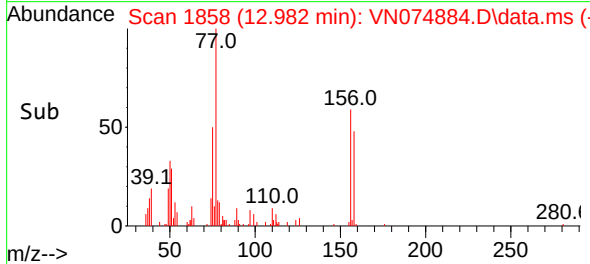
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:156 Resp: 2371
Ion Ratio Lower Upper
156 100
77 208.9 0.0 491.8
158 94.8 0.0 185.0

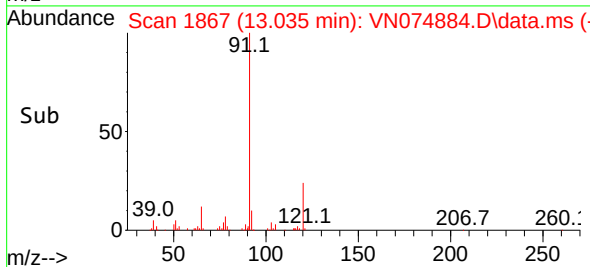
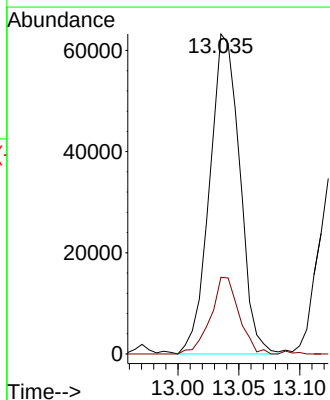
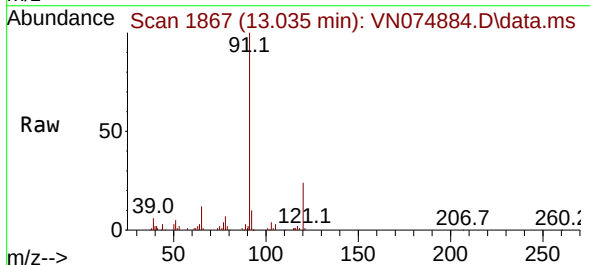
Manual Integrations
APPROVED

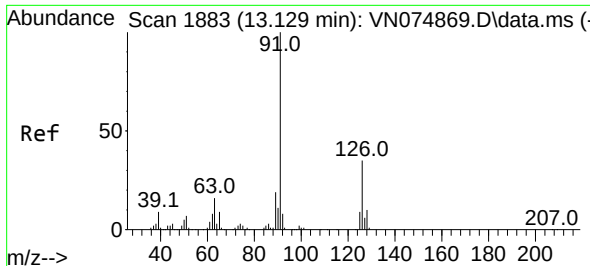
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#74
n-propylbenzene
Concen: 3.478 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 91 Resp: 108891
Ion Ratio Lower Upper
91 100
120 22.5 0.0 44.6





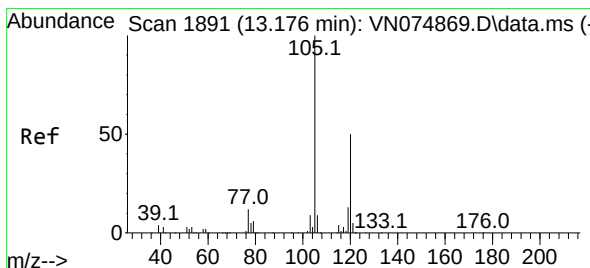
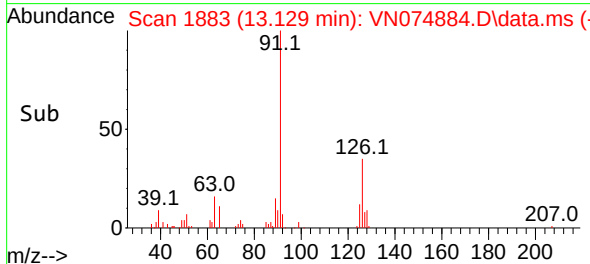
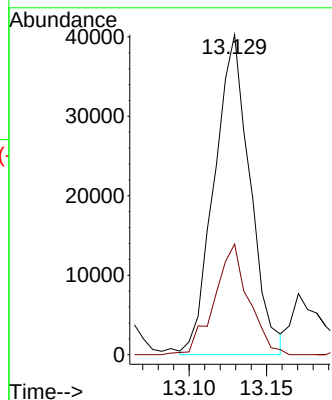
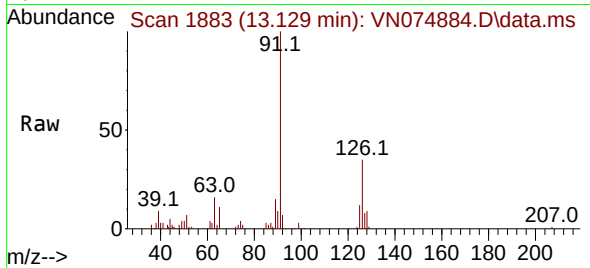
#75
2-Chlorotoluene
Concen: 3.520 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 91 Resp: 64459
Ion Ratio Lower Upper
91 100
126 32.8 0.0 66.2

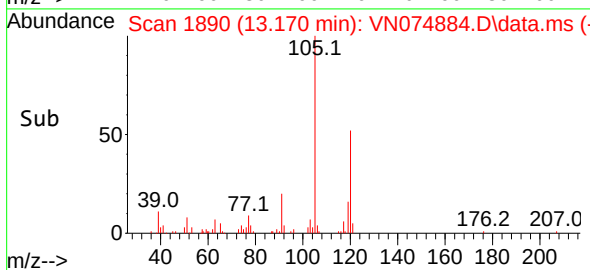
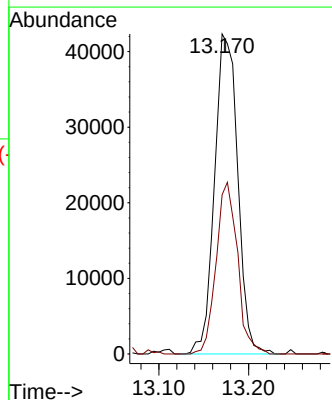
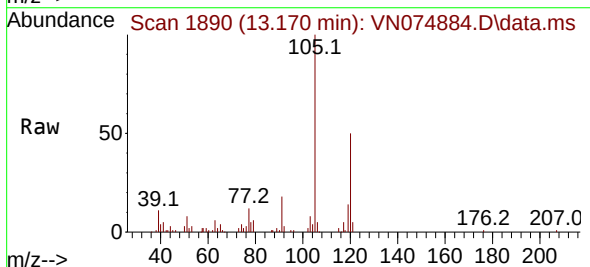
Manual Integrations
APPROVED

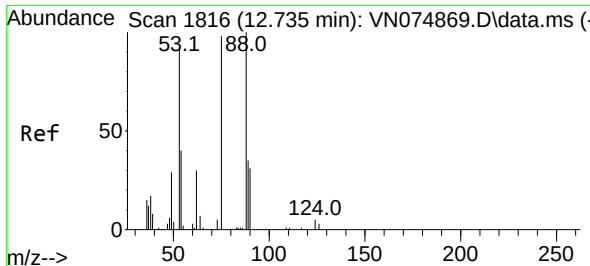
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#76
1,3,5-Trimethylbenzene
Concen: 3.481 ug/l
RT: 13.170 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

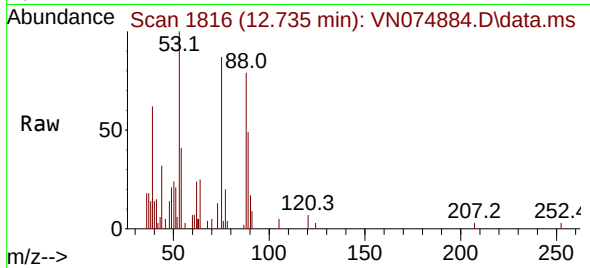
Tgt Ion:105 Resp: 75963
Ion Ratio Lower Upper
105 100
120 49.5 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 2.903 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

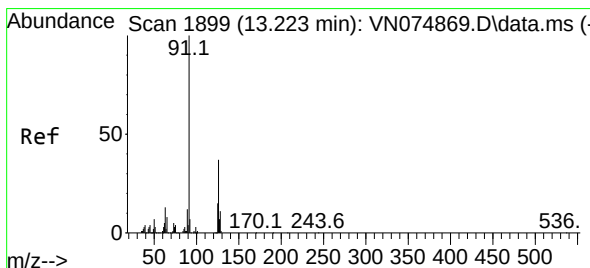
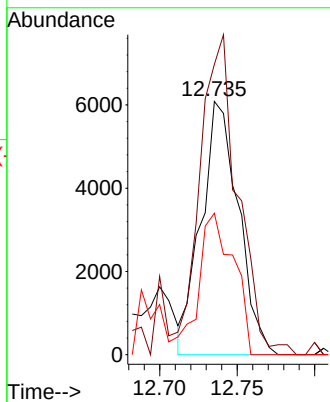
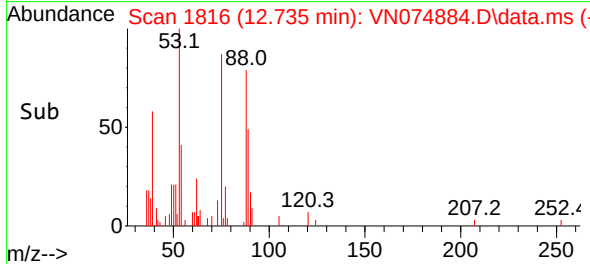
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 75 Resp: 10179
Ion Ratio Lower Upper
75 100
53 110.6 43.3 129.9
89 55.9 21.1 63.1

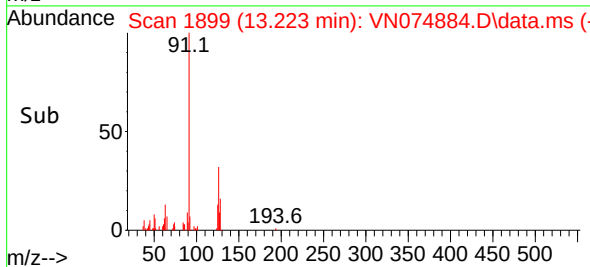
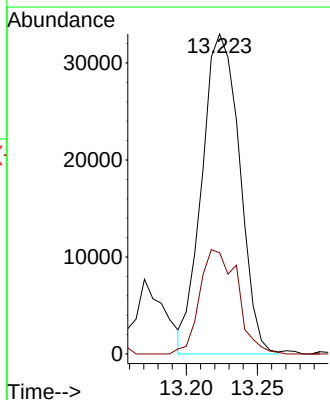
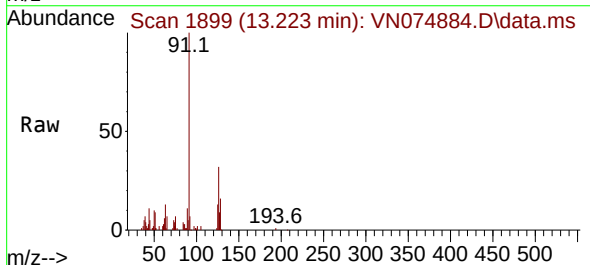
Manual Integrations
APPROVED

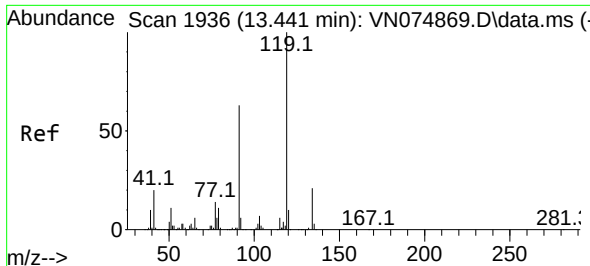
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#78
4-Chlorotoluene
Concen: 3.479 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion: 91 Resp: 60794
Ion Ratio Lower Upper
91 100
126 32.8 0.0 67.8





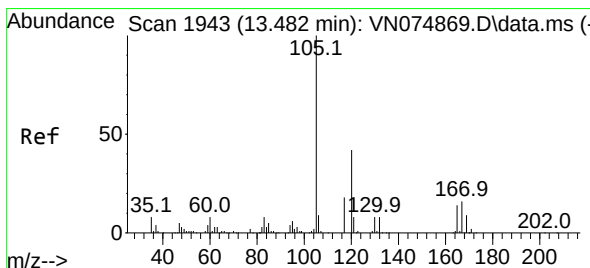
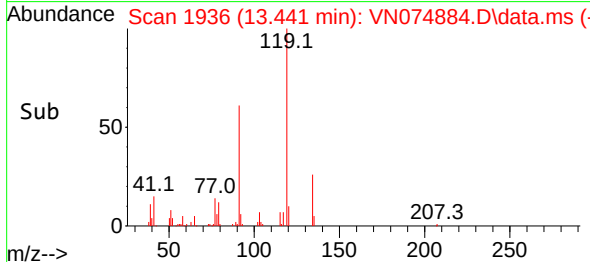
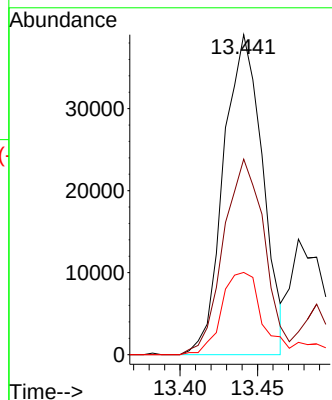
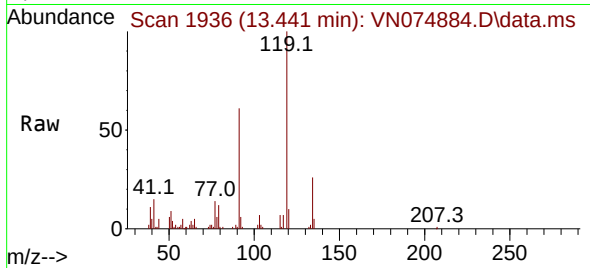
#79
tert-butylbenzene
Concen: 3.519 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:119 Resp: 6831
Ion Ratio Lower Upper
119 100
91 64.1 0.0 129.0
134 26.3 0.0 52.2

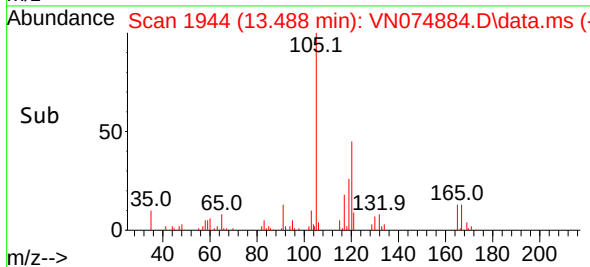
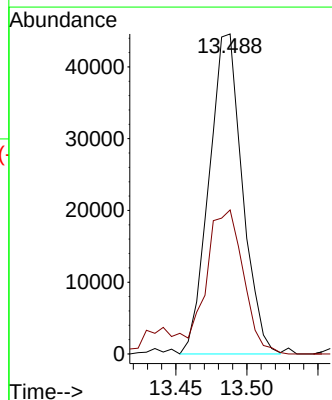
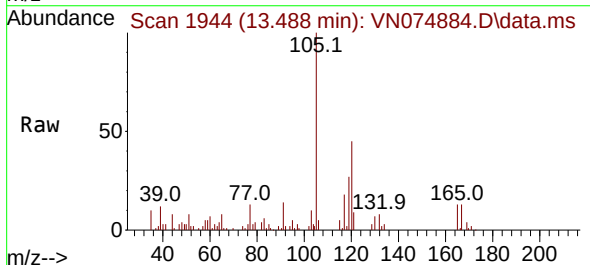
Manual Integrations
APPROVED

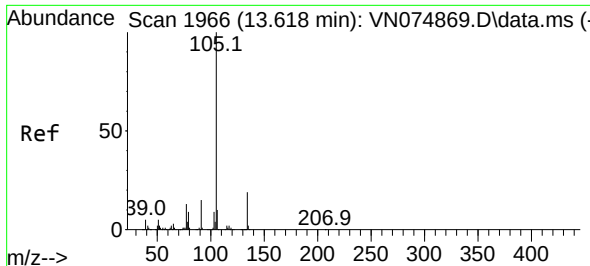
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#80
1,2,4-Trimethylbenzene
Concen: 3.311 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion:105 Resp: 72702
Ion Ratio Lower Upper
105 100
120 49.0 0.0 93.2





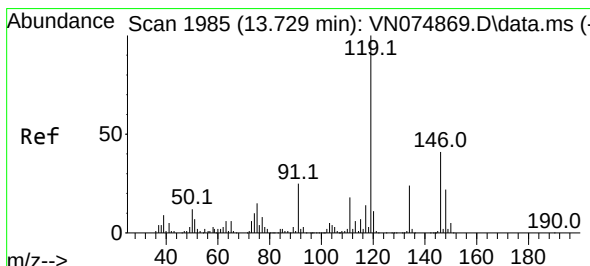
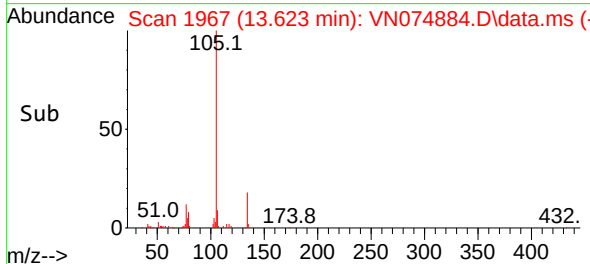
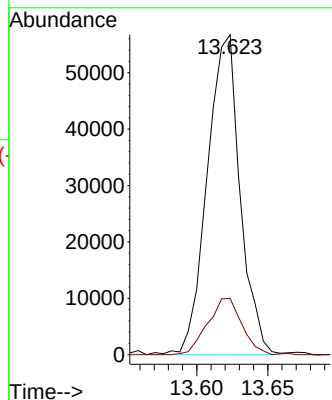
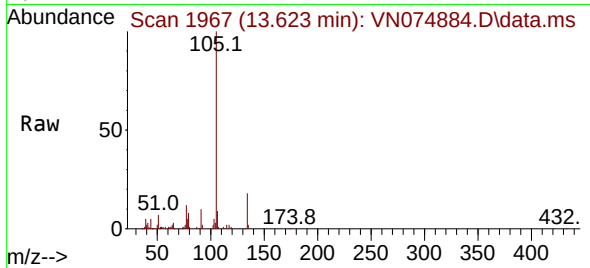
#81
 sec-Butylbenzene
 Concen: 3.257 ug/l
 RT: 13.623 min Scan# 1967
 Delta R.T. 0.006 min
 Lab File: VN074884.D
 Acq: 12 Oct 2022 18:45

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Tgt Ion:105 Resp: 9086
 Ion Ratio Lower Upper
 105 100
 134 18.4 0.0 38.8

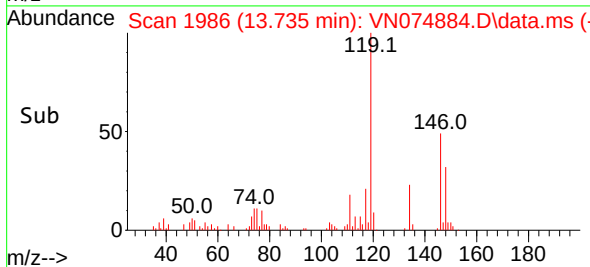
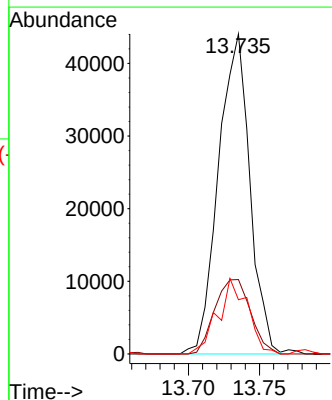
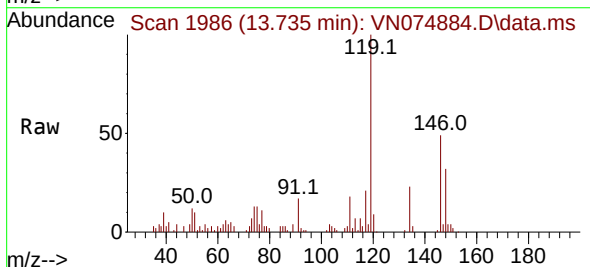
Manual Integrations
 APPROVED

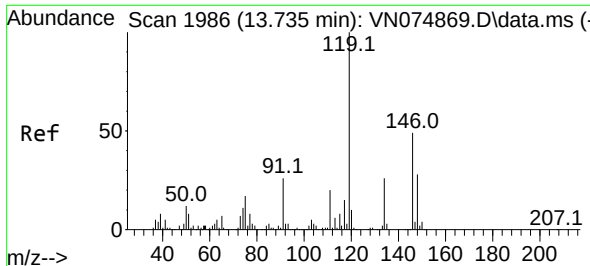
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#82
 p-Isopropyltoluene
 Concen: 3.047 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN074884.D
 Acq: 12 Oct 2022 18:45

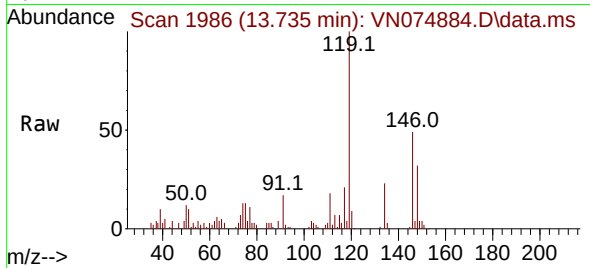
Tgt Ion:119 Resp: 67539
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 51.4
 91 22.4 0.0 46.8





#83
1,3-Dichlorobenzene
Concen: 3.228 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

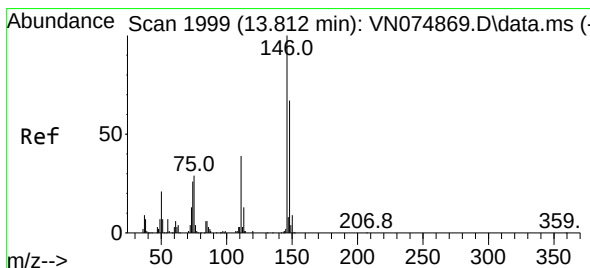
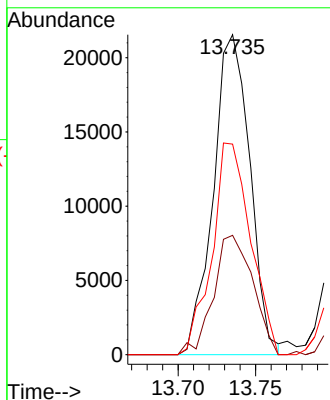
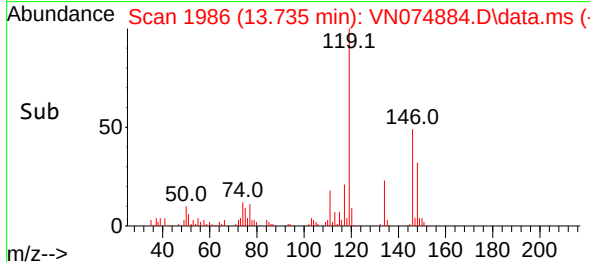
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



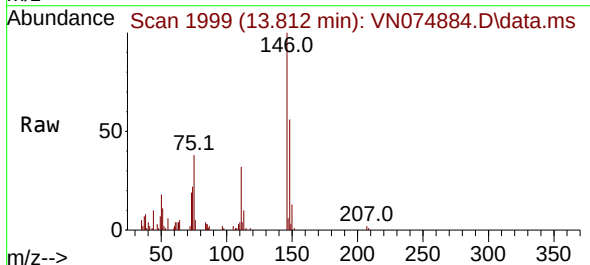
Tgt Ion:146 Resp: 35439
Ion Ratio Lower Upper
146 100
111 40.1 20.5 61.5
148 69.6 31.0 93.0

Manual Integrations
APPROVED

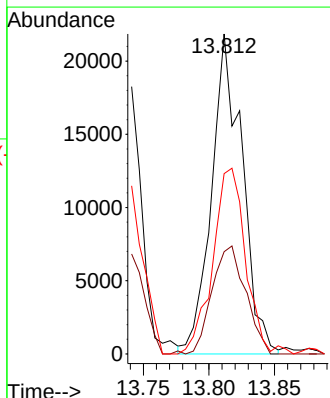
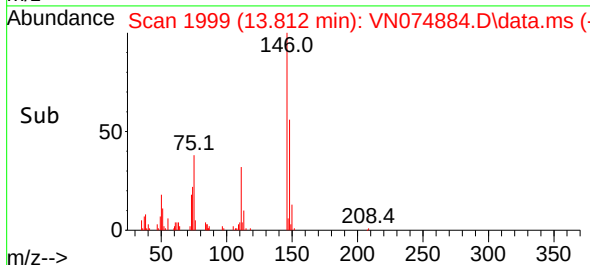
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

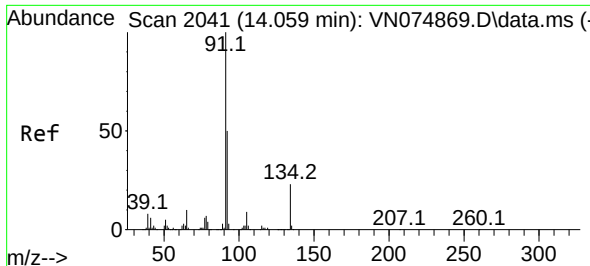


#84
1,4-Dichlorobenzene
Concen: 3.366 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45



Tgt Ion:146 Resp: 35492
Ion Ratio Lower Upper
146 100
111 37.0 19.1 57.5
148 61.5 31.7 95.1





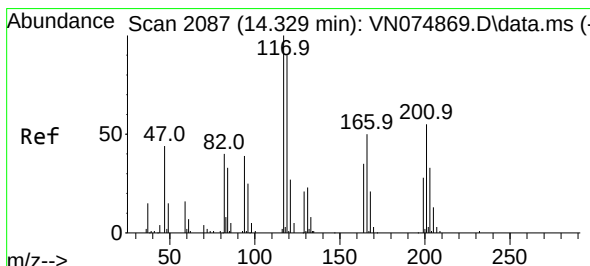
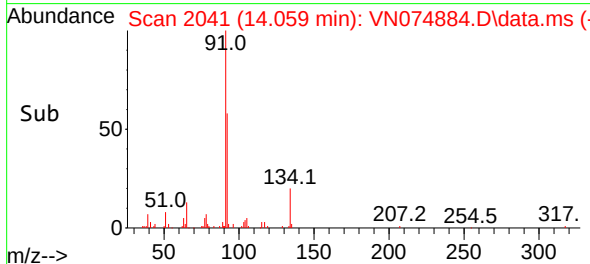
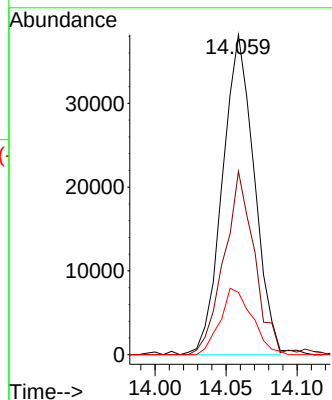
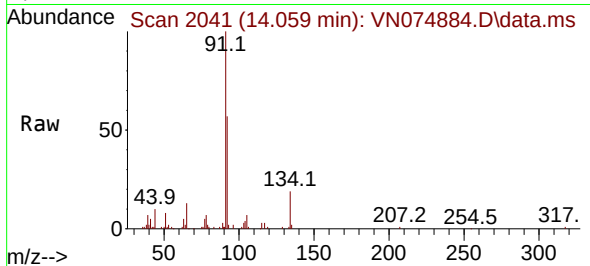
#85
n-Butylbenzene
Concen: 3.030 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 91 Resp: 5927
Ion Ratio Lower Upper
91 100
92 54.6 0.0 105.4
134 21.0 0.0 46.4

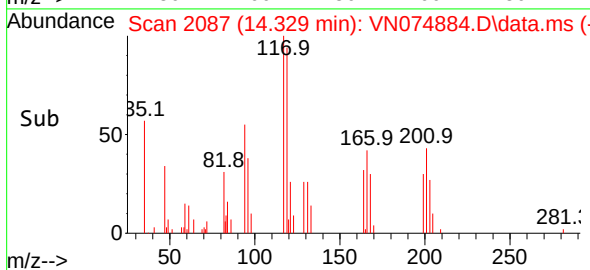
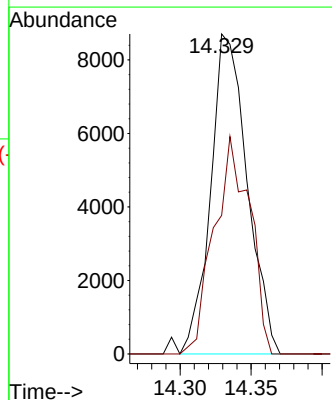
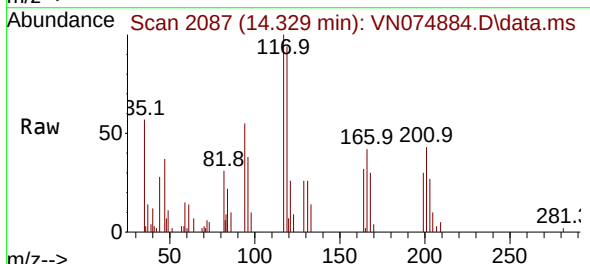
Manual Integrations
APPROVED

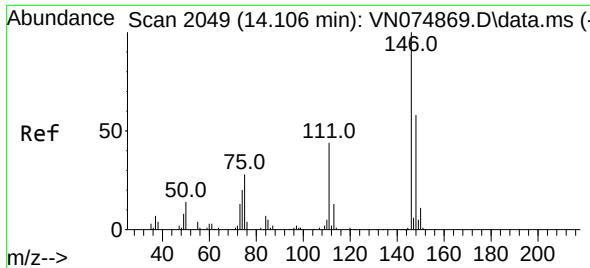
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#86
Hexachloroethane
Concen: 3.597 ug/l
RT: 14.329 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Tgt Ion:117 Resp: 15612
Ion Ratio Lower Upper
117 100
201 66.3 29.4 88.3





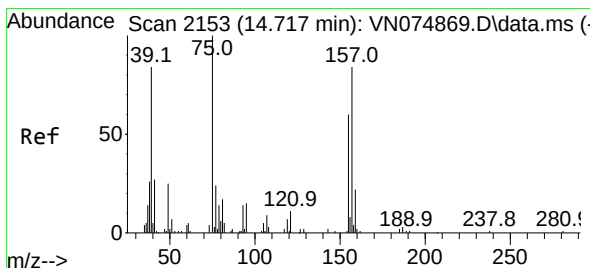
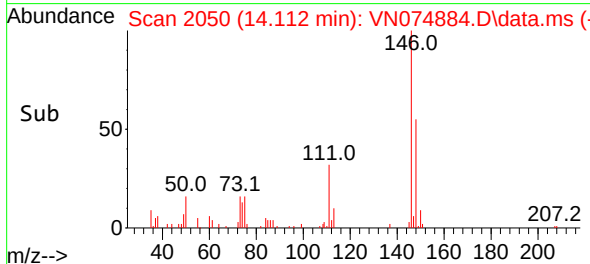
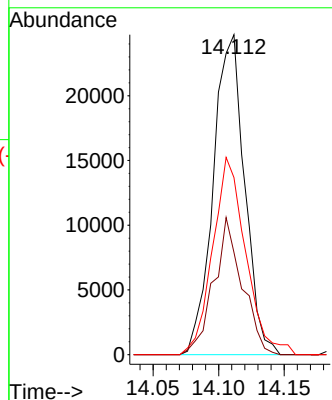
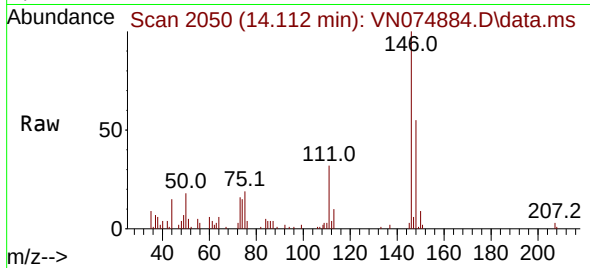
#87
1,2-Dichlorobenzene
Concen: 3.781 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:146 Resp: 4122
Ion Ratio Lower Upper
146 100
111 38.9 21.4 64.2
148 64.2 30.6 92.0

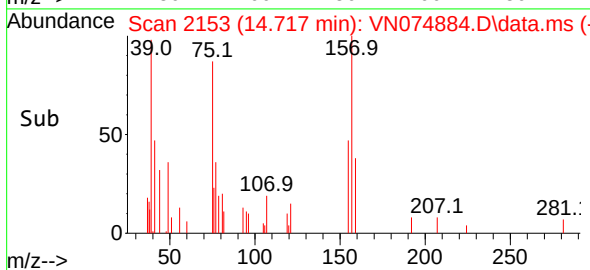
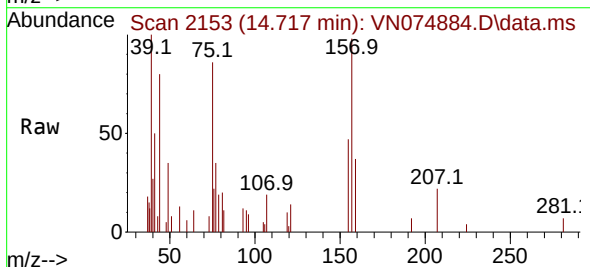
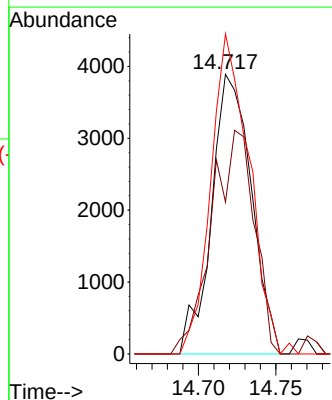
Manual Integrations
APPROVED

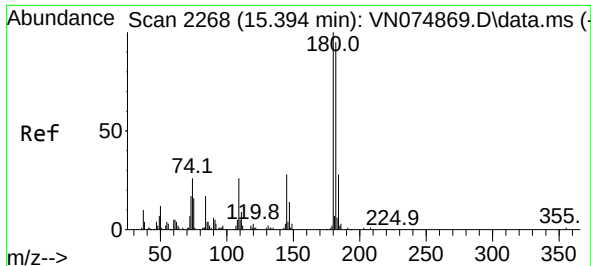
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 3.431 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

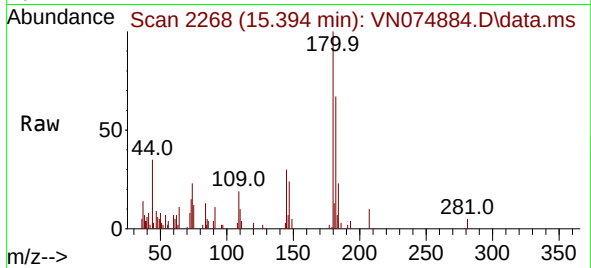
Tgt Ion: 75 Resp: 6956
Ion Ratio Lower Upper
75 100
155 85.7 66.3 99.5
157 109.3 84.3 126.5





#89
1,2,4-Trichlorobenzene
Concen: 3.079 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

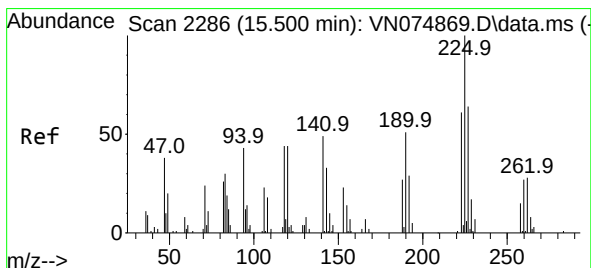
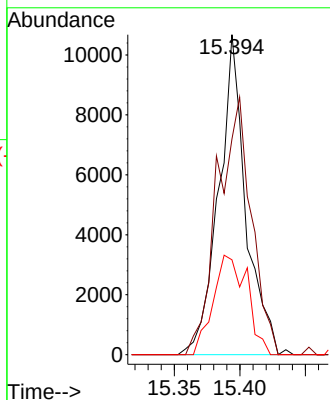
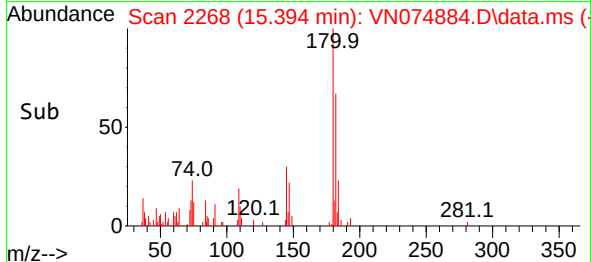
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:180 Resp: 15328
Ion Ratio Lower Upper
180 100
182 64.1 74.9 112.3
145 29.7 26.3 39.5

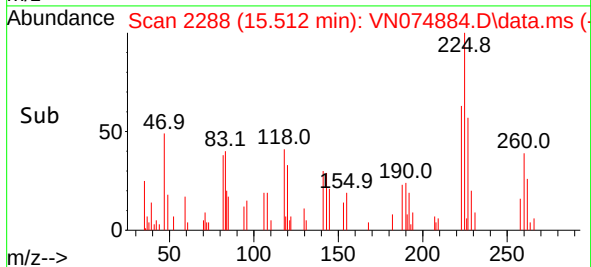
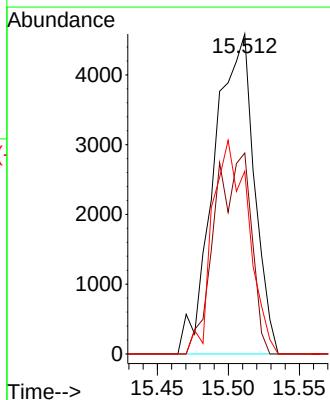
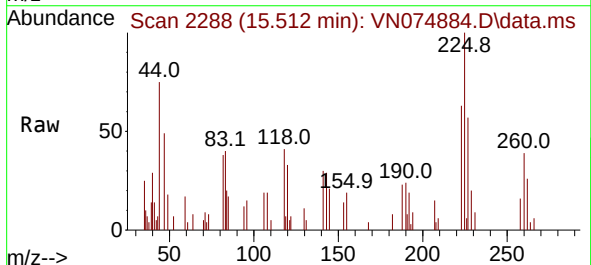
Manual Integrations
APPROVED

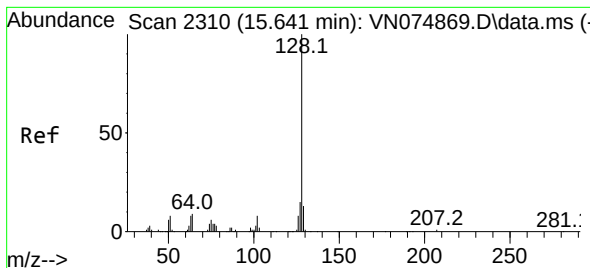
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#90
Hexachlorobutadiene
Concen: 3.705 ug/l
RT: 15.512 min Scan# 2288
Delta R.T. 0.012 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

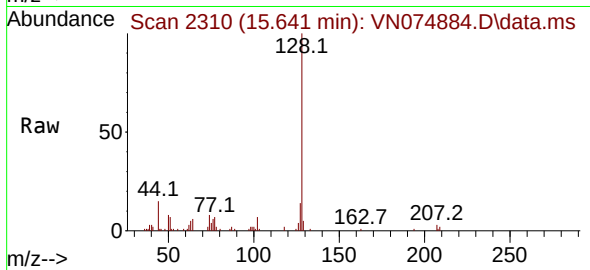
Tgt Ion:225 Resp: 8993
Ion Ratio Lower Upper
225 100
223 29.3 0.0 125.0
227 0.0 0.0 123.0





#91
Naphthalene
Concen: 3.425 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45

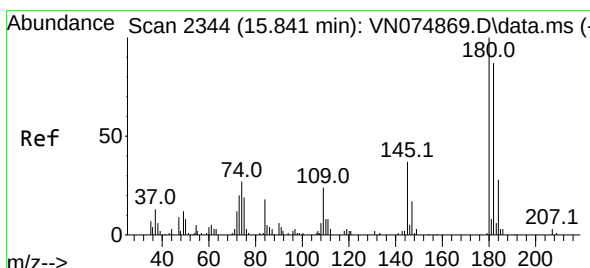
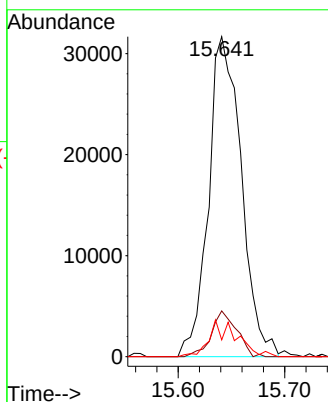
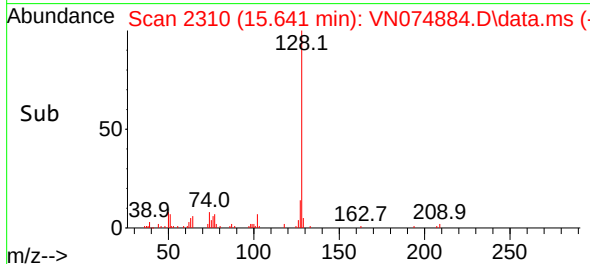
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



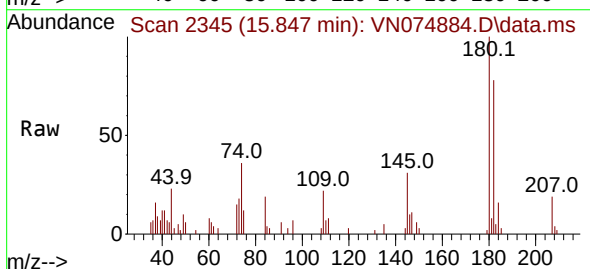
Tgt Ion:128 Resp: 6765
Ion Ratio Lower Upper
128 100
127 10.9 10.7 16.1
129 3.6 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#92
1,2,3-Trichlorobenzene
Concen: 3.544 ug/l m
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN074884.D
Acq: 12 Oct 2022 18:45



Tgt Ion:180 Resp: 18460
Ion Ratio Lower Upper
180 100
182 99.6 0.0 185.4
145 6.7 0.0 68.6

