

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074883.D
 Acq On : 12 Oct 2022 18:21
 Operator : JC\MD
 Sample : N4955-07 2.5PPB LOD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Oct 13 08:00:36 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	7.830	128	69339	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	390659	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	338568	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	193325	29.781	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.267%		
60) 4-Bromofluorobenzene	12.853	95	158513	26.401	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	88.000%		
63) Toluene-d8	10.571	98	617524	31.602	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	105.333%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	13285	3.450	ug/l	78
3) Chloromethane	2.383	50	22365m	3.591	ug/l	
4) Vinyl Chloride	2.536	62	26835	2.926	ug/l #	79
5) Bromomethane	2.953	94	24122	3.318	ug/l	92
6) Chloroethane	3.136	64	37487m	5.451	ug/l	
7) Trichlorofluoromethane	3.512	101	21777	3.186	ug/l	97
8) Diethyl Ether	3.995	74	8958m	2.810	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.389	101	12621m	2.934	ug/l	
10) 1,1-Dichloroethene	4.347	96	13274m	3.137	ug/l	
11) Methyl Iodide	4.600	142	14752m	2.793	ug/l	
12) Methyl Acetate	5.053	43	34160m	3.349	ug/l	
13) Acrolein	4.206	56	21460	14.891	ug/l #	41
14) Acrylonitrile	5.741	53	54886	14.428	ug/l #	35
15) Acetone	4.471	58	14505m	13.912	ug/l	
16) Carbon Disulfide	4.742	76	31910	2.935	ug/l #	94
17) Allyl chloride	5.042	41	28326m	3.362	ug/l	
18) Methylene Chloride	5.300	84	19834m	3.615	ug/l	
19) trans-1,2-Dichloroethene	5.812	96	13375m	2.879	ug/l	
20) Diisopropyl ether	6.688	45	53809m	2.736	ug/l	
21) 1,1-Dichloroethane	6.571	63	28215m	2.820	ug/l	
22) cis-1,2-Dichloroethene	7.500	96	16697m	2.870	ug/l	
23) tert-Butyl Alcohol	5.553	59	31765m	19.817	ug/l	
24) Methyl tert-Butyl Ether	5.818	73	46935m	2.656	ug/l	
25) Chloroform	7.977	83	24658	2.482	ug/l	97
26) Cyclohexane	8.277	56	24392	2.775	ug/l #	91
29) 1,1-Dichloropropene	8.377	75	19490	2.765	ug/l	72
30) 2-Butanone	7.506	43	73099	12.998	ug/l	95
31) 2,2-Dichloropropane	7.512	77	22044	2.555	ug/l #	68
32) 1,1,1-Trichloroethane	8.177	97	21650	2.561	ug/l #	75
33) Carbon Tetrachloride	8.371	117	18859m	2.717	ug/l	
34) Benzene	8.612	78	61914	2.657	ug/l #	53
35) Methacrylonitrile	7.794	41	13899m	2.405	ug/l	
36) 1,2-Dichloroethane	8.677	62	21129	2.723	ug/l #	90
37) Trichloroethene	9.359	130	14703	3.034	ug/l	98
38) Methylcyclohexane	9.606	83	20152	2.353	ug/l	89
39) 1,2-Dichloropropane	9.624	63	15452m	2.558	ug/l	
40) Dibromomethane	9.712	93	11624	2.904	ug/l	73
41) Bromodichloromethane	9.900	83	19945m	2.559	ug/l	
42) Vinyl Acetate	6.624	43	215748m	12.878	ug/l	

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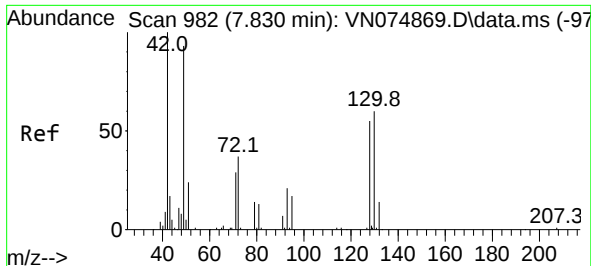
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.583	43	34828m	3.185	ug/l	
44) Isopropyl Acetate	8.700	43	44034	2.604	ug/l	100
45) 1,4-Dioxane	9.718	88	8544m	55.103	ug/l	
46) Methyl methacrylate	9.688	41	20977m	2.864	ug/l	
47) n-amyl Acetate	12.494	43	34376	2.323	ug/l	93
48) t-1,3-Dichloropropene	10.847	75	20309	2.271	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	24316	2.564	ug/l #	86
50) 1,1,2-Trichloroethane	11.012	97	16285	2.765	ug/l #	67
51) Ethyl methacrylate	10.876	69	22255	2.222	ug/l	83
52) 1,3-Dichloropropane	11.171	76	27622	2.717	ug/l	99
53) Dibromochloromethane	11.365	129	13334	2.311	ug/l	92
54) 1,2-Dibromoethane	11.476	107	14606	2.581	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	44444	11.344	ug/l	97
56) Bromoform	12.594	173	9277m	2.231	ug/l	
58) 4-Methyl-2-Pentanone	10.447	43	142521	13.535	ug/l	98
59) 2-Hexanone	11.200	43	106081	13.091	ug/l	98
61) Tetrachloroethene	11.112	164	10819m	2.997	ug/l	
62) Toluene	10.641	91	62317	2.664	ug/l	91
64) Chlorobenzene	11.900	112	35125	2.642	ug/l	90
65) 1,1,1,2-Tetrachloroethane	11.959	131	12048	2.406	ug/l	97
66) Ethyl Benzene	11.970	91	63887	2.512	ug/l	93
67) m/p-Xylenes	12.070	106	44694	4.677	ug/l	95
68) o-Xylene	12.406	106	23951	2.466	ug/l	98
69) Styrene	12.418	104	35984	2.264	ug/l	95
70) Isopropylbenzene	12.700	105	57257	2.286	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	25911	2.765	ug/l	94
72) 1,2,3-Trichloropropane	13.000	75	31314	3.978	ug/l	38
73) Bromobenzene	12.982	156	13072	2.490	ug/l	88
74) n-propylbenzene	13.041	91	61967	2.122	ug/l	99
75) 2-Chlorotoluene	13.129	91	41591	2.434	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	41879	2.057	ug/l	95
77) t-1,4-Dichloro-2-butene	12.741	75	7274	2.224	ug/l	85
78) 4-Chlorotoluene	13.223	91	36546	2.241	ug/l	96
79) tert-butylbenzene	13.441	119	41640	2.300	ug/l	90
80) 1,2,4-Trimethylbenzene	13.482	105	41980	2.050	ug/l	99
81) sec-Butylbenzene	13.617	105	55971	2.151	ug/l	95
82) p-Isopropyltoluene	13.735	119	35810	1.732	ug/l	96
83) 1,3-Dichlorobenzene	13.735	146	21704	2.119	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	22705	2.308	ug/l	94
85) n-Butylbenzene	14.059	91	34913	1.913	ug/l	99
86) Hexachloroethane	14.329	117	9027	2.229	ug/l	80
87) 1,2-Dichlorobenzene	14.106	146	22525	2.215	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.717	75	5119	2.707	ug/l	91
89) 1,2,4-Trichlorobenzene	15.394	180	12212	2.629	ug/l	88
90) Hexachlorobutadiene	15.506	225	4049	1.788	ug/l	67
91) Naphthalene	15.647	128	57071	3.097	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	15936m	3.280	ug/l	

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



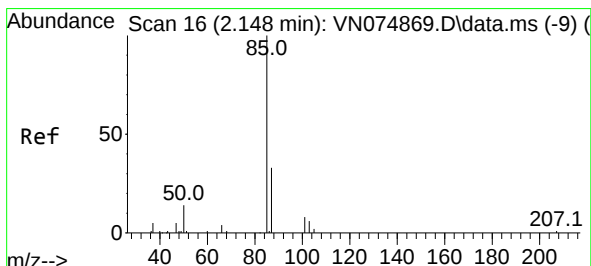
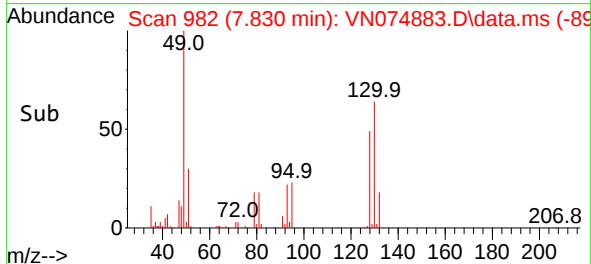
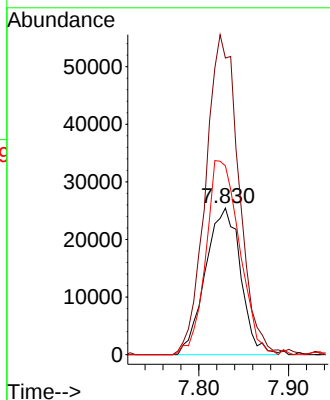
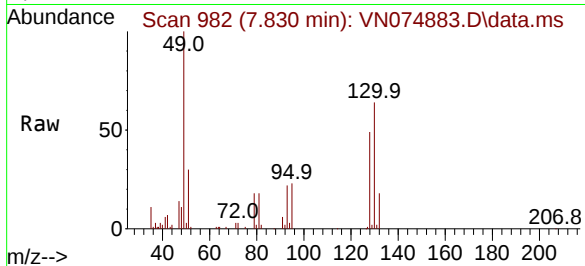
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.830 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074883.D
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LOD-MDL-WATER-01-QT4-2022

Tgt Ion:128 Resp: 69339
Ion Ratio Lower Upper
128 100
49 206.0 0.0 492.0
130 126.4 0.0 313.3

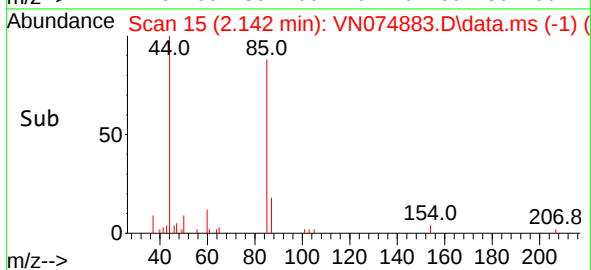
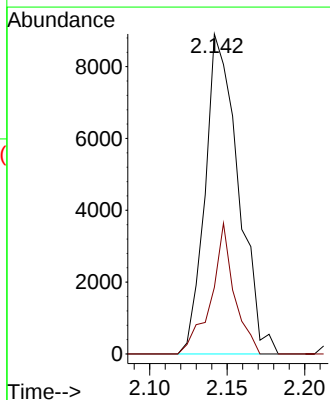
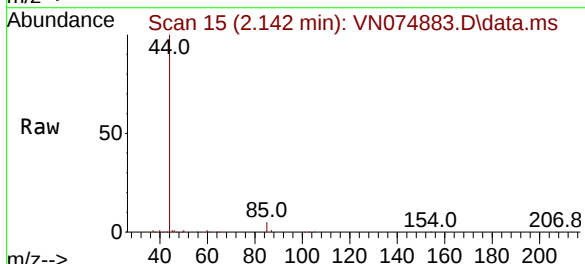
Manual Integrations
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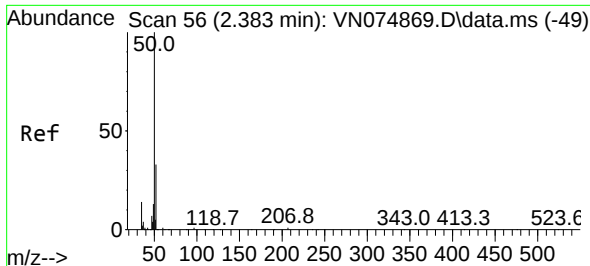
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#2
Dichlorodifluoromethane
Concen: 3.450 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

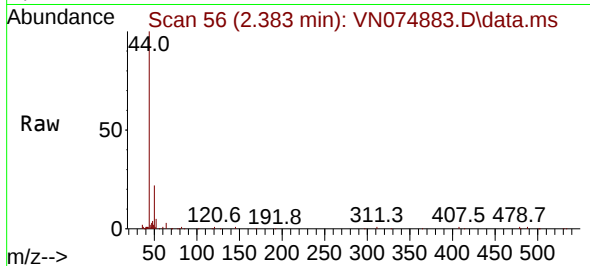
Tgt Ion: 85 Resp: 13285
Ion Ratio Lower Upper
85 100
87 20.8 16.7 50.1





#3
Chloromethane
Concen: 3.591 ug/l m
RT: 2.383 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

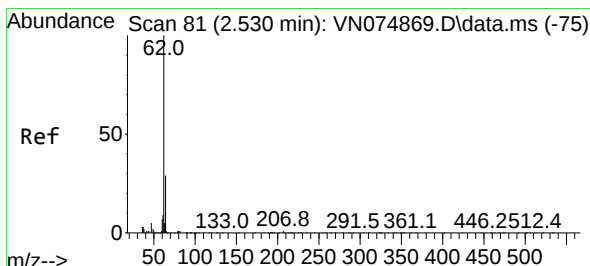
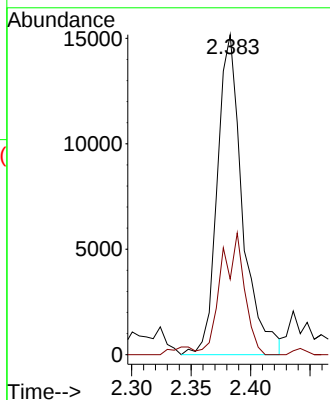
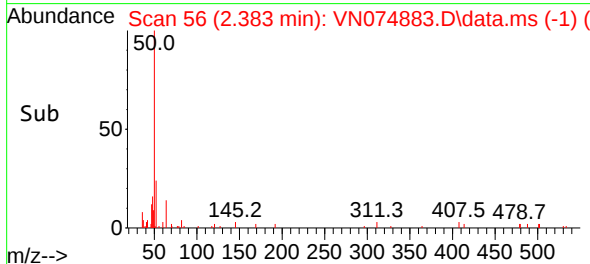
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



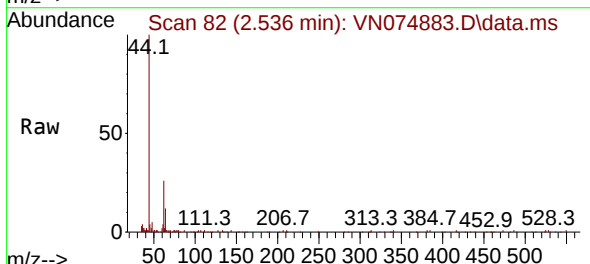
Tgt Ion: 50 Resp: 2236
Ion Ratio Lower Upper
50 100
52 23.6 25.5 38.3

Manual Integrations
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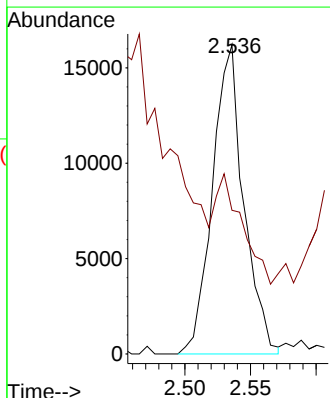
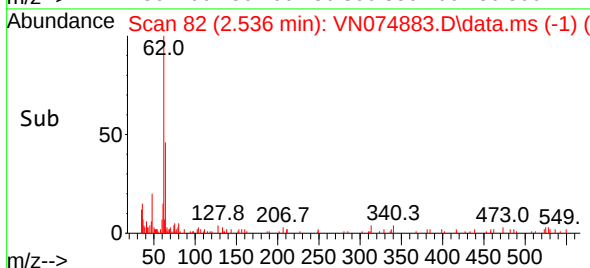
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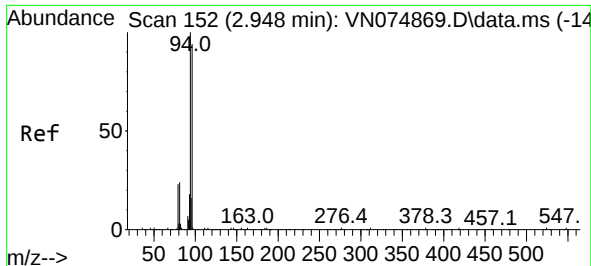


#4
Vinyl Chloride
Concen: 2.926 ug/l
RT: 2.536 min Scan# 82
Delta R.T. 0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21



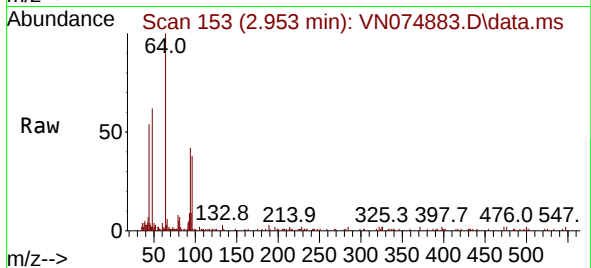
Tgt Ion: 62 Resp: 26835
Ion Ratio Lower Upper
62 100
64 20.5 25.6 38.4





#5
Bromomethane
Concen: 3.318 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

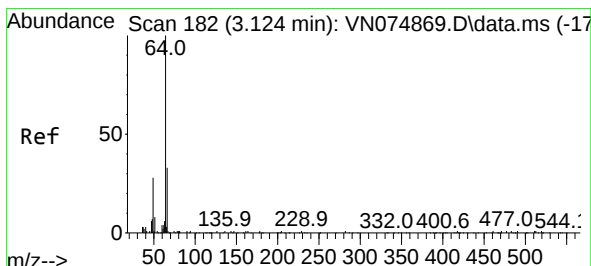
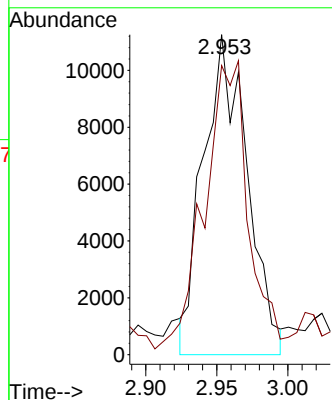
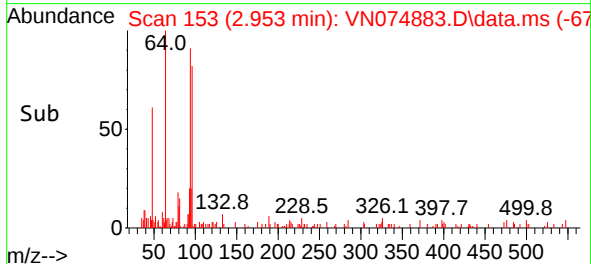
Instrument :
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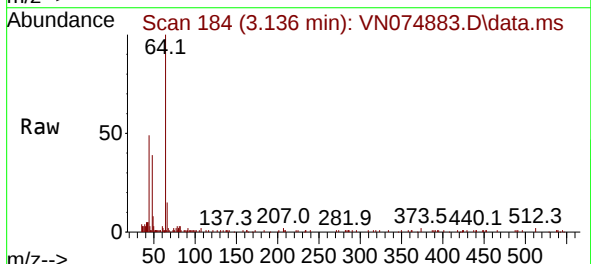
Tgt Ion: 94 Resp: 2412
Ion Ratio Lower Upper
94 100
96 92.9 68.3 102.5

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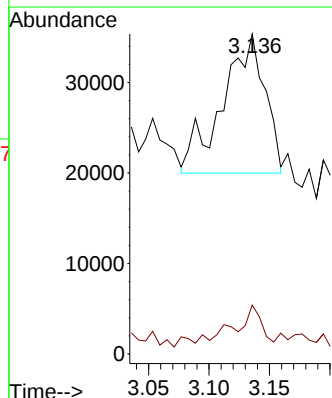
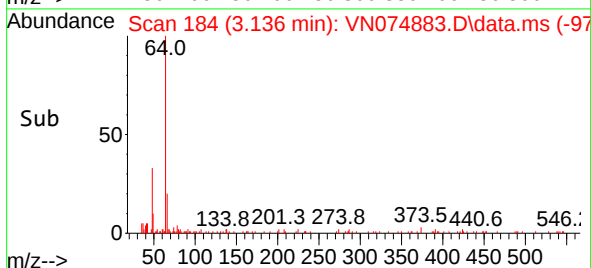
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

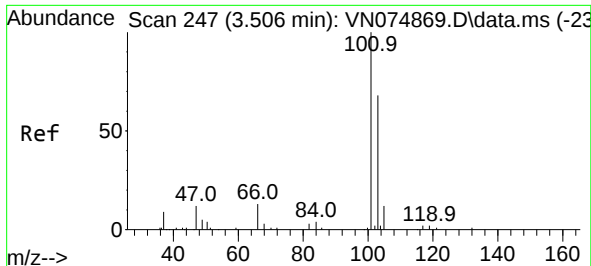


#6
Chloroethane
Concen: 5.451 ug/l m
RT: 3.136 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21



Tgt Ion: 64 Resp: 37487
Ion Ratio Lower Upper
64 100
66 15.3 21.8 32.8#





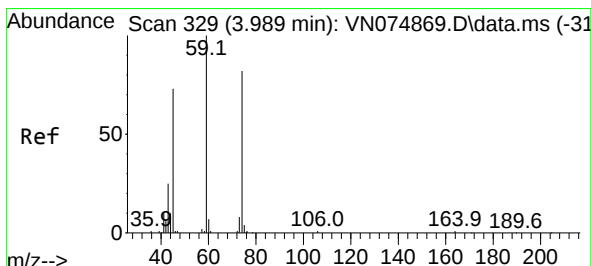
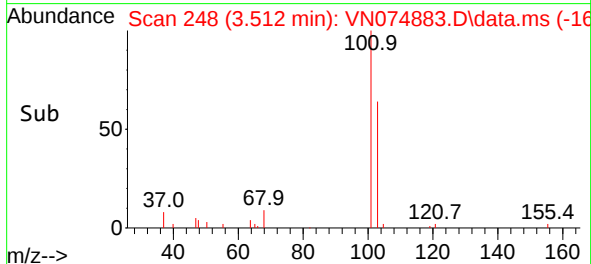
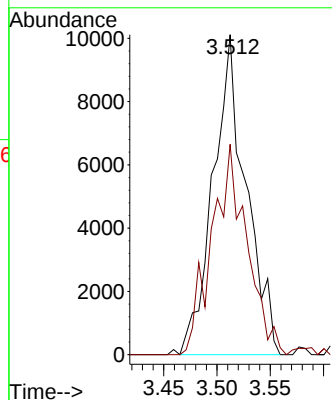
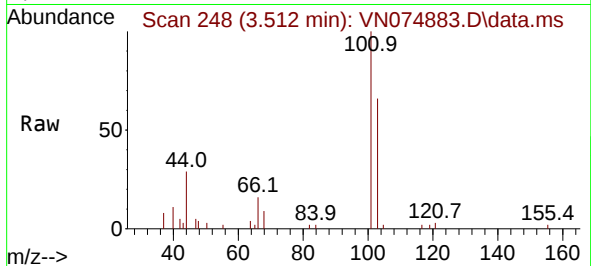
#7
 Trichlorofluoromethane
 Concen: 3.186 ug/l
 RT: 3.512 min Scan# 247
 Delta R.T. 0.006 min
 Lab File: VN074883.D
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Tgt Ion:101 Resp: 2177
 Ion Ratio Lower Upper
 101 100
 103 65.7 54.8 82.2

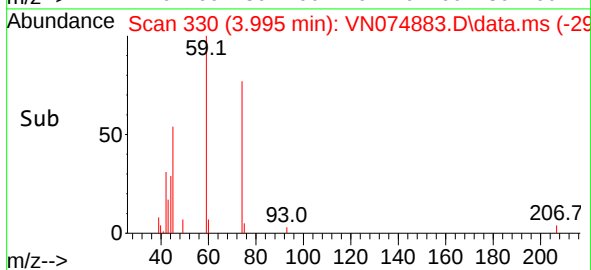
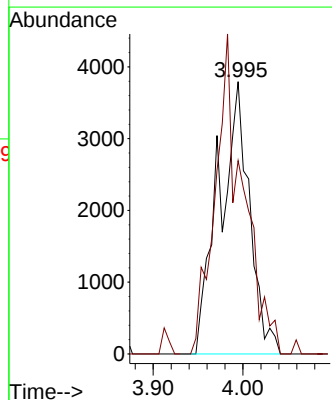
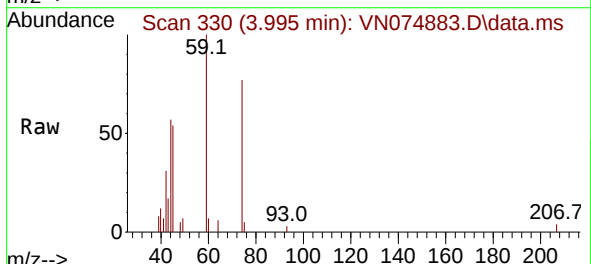
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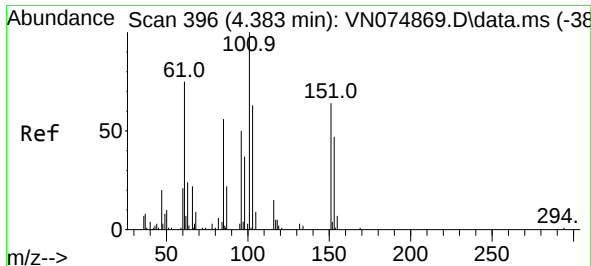
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#8
 Diethyl Ether
 Concen: 2.810 ug/l m
 RT: 3.995 min Scan# 330
 Delta R.T. 0.006 min
 Lab File: VN074883.D
 Acq: 12 Oct 2022 18:21

Tgt Ion: 74 Resp: 8958
 Ion Ratio Lower Upper
 74 100
 45 28.2 19.0 171.0





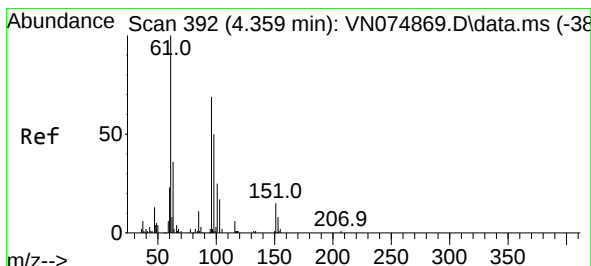
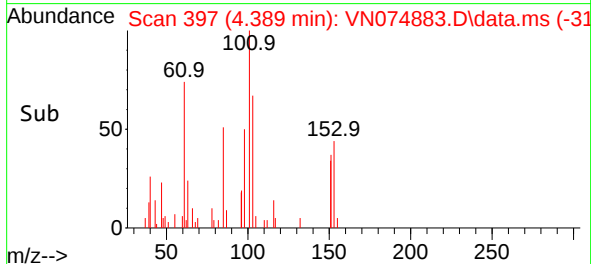
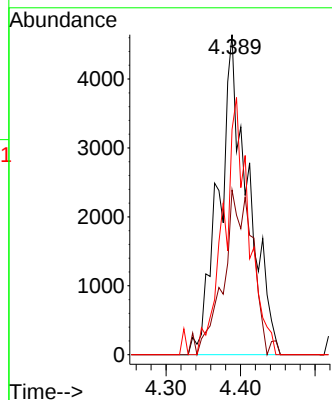
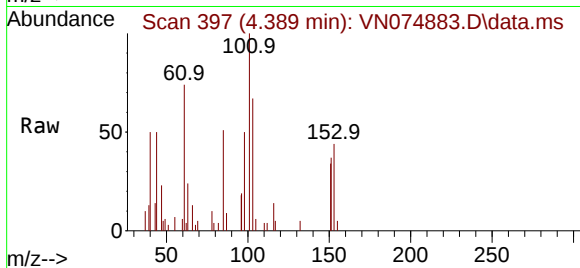
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.934 ug/l m
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

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

Tgt Ion:101 Resp: 1262
Ion Ratio Lower Upper
101 100
85 31.1 0.0 94.6
151 48.7 0.0 144.8

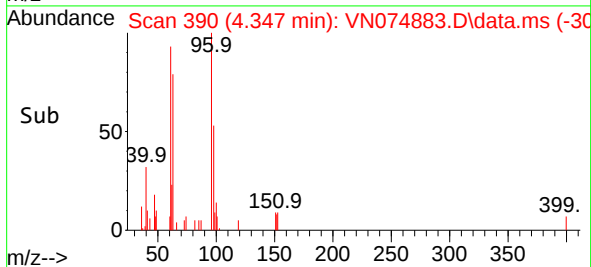
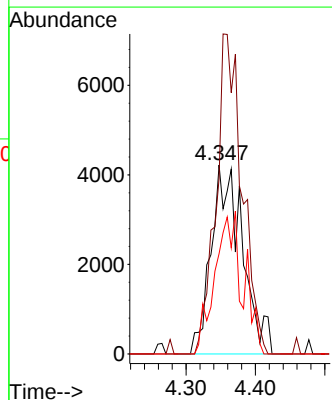
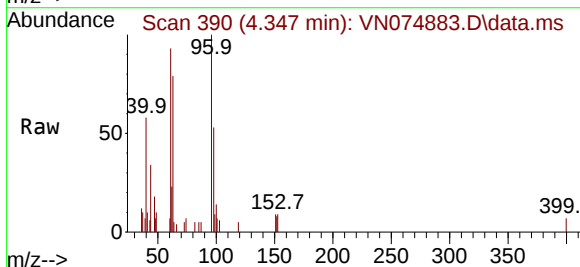
Manual Integrations
APPROVED

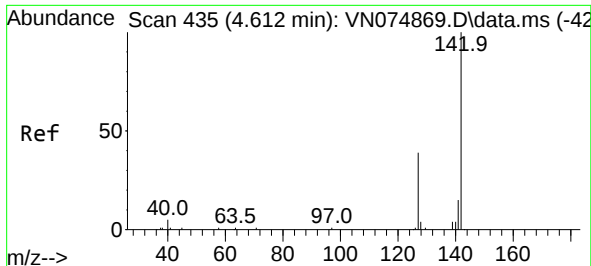
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#10
1,1-Dichloroethene
Concen: 3.137 ug/l m
RT: 4.347 min Scan# 390
Delta R.T. -0.012 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

Tgt Ion: 96 Resp: 13274
Ion Ratio Lower Upper
96 100
61 92.9 125.5 188.3#
98 53.1 45.0 67.4





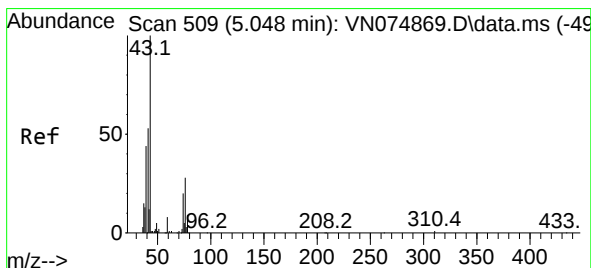
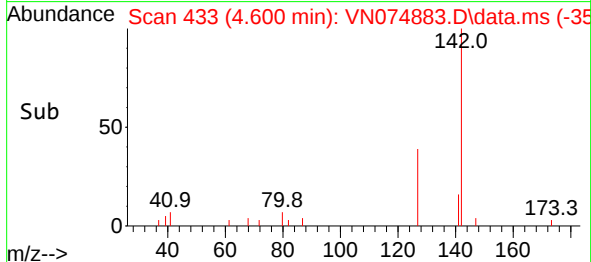
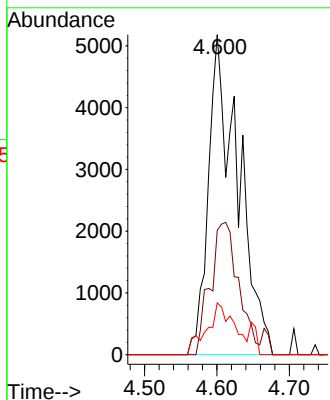
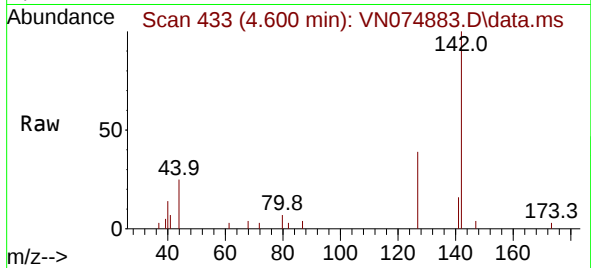
#11
Methyl Iodide
Concen: 2.793 ug/l m
RT: 4.600 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

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

Tgt Ion:142 Resp: 1475
Ion Ratio Lower Upper
142 100
127 38.9 19.3 57.8
141 16.2 7.7 23.1

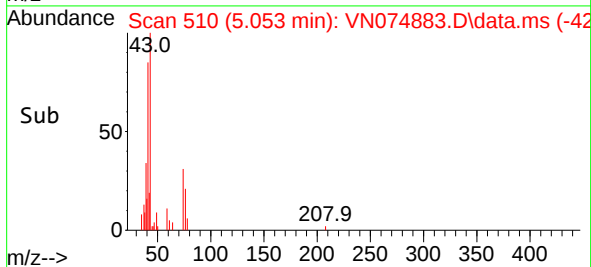
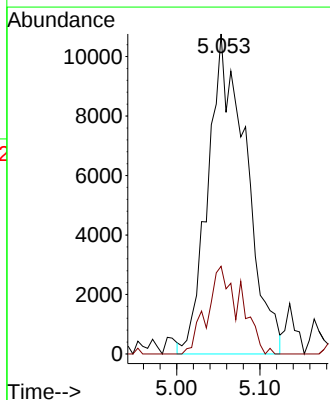
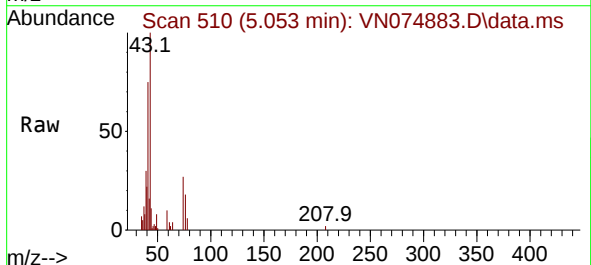
Manual Integrations
APPROVED

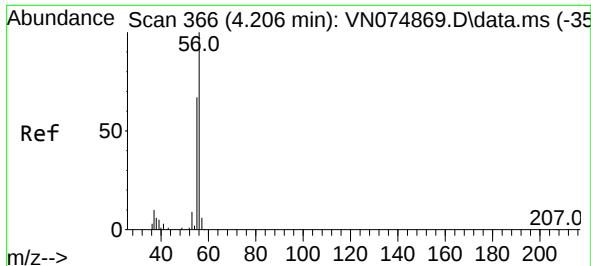
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#12
Methyl Acetate
Concen: 3.349 ug/l m
RT: 5.053 min Scan# 510
Delta R.T. 0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

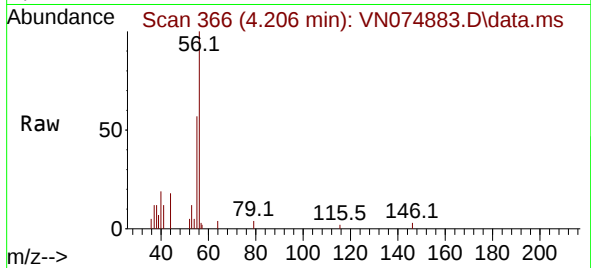
Tgt Ion: 43 Resp: 34160
Ion Ratio Lower Upper
43 100
74 27.4 19.0 28.6





#13
Acrolein
Concen: 14.891 ug/l
RT: 4.206 min Scan# 366
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

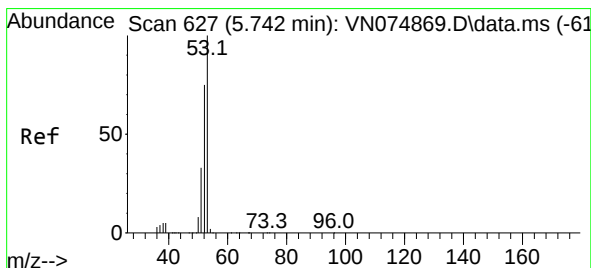
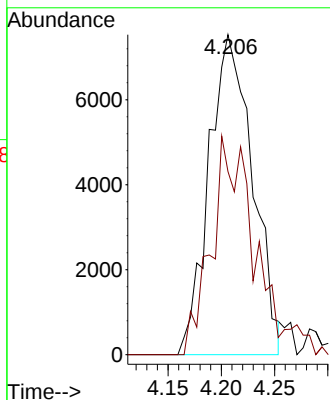
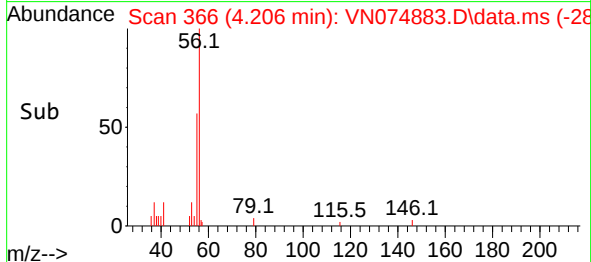
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 56 Resp: 21460
Ion Ratio Lower Upper
56 100
55 21.8 56.2 84.2

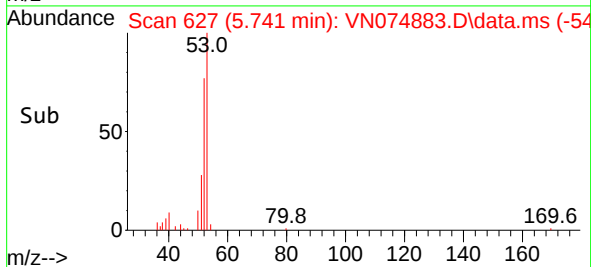
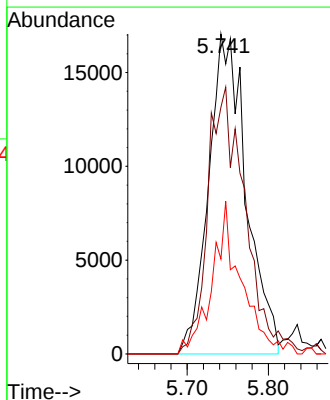
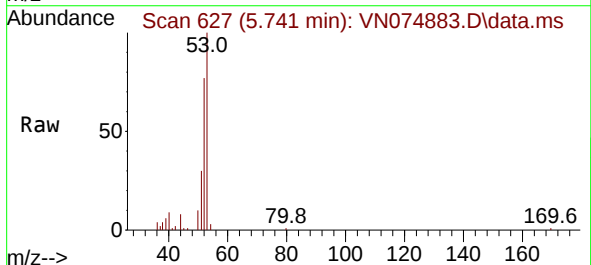
Manual Integrations
APPROVED

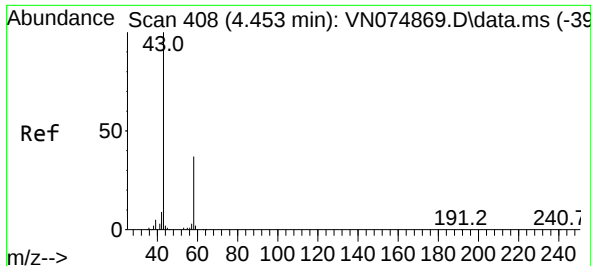
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#14
Acrylonitrile
Concen: 14.428 ug/l
RT: 5.741 min Scan# 627
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

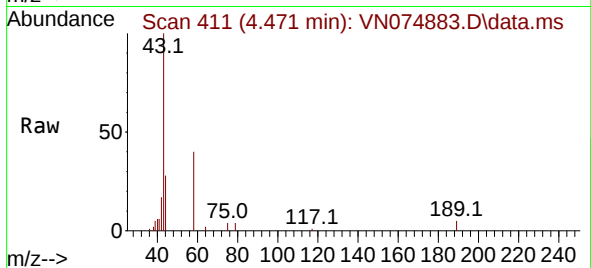
Tgt Ion: 53 Resp: 54886
Ion Ratio Lower Upper
53 100
52 7.4 40.8 122.4#
51 22.3 17.0 51.0





#15
Acetone
Concen: 13.912 ug/l m
RT: 4.471 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

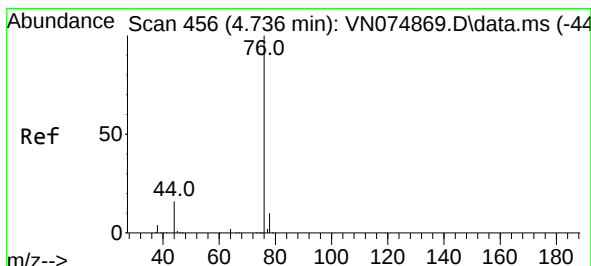
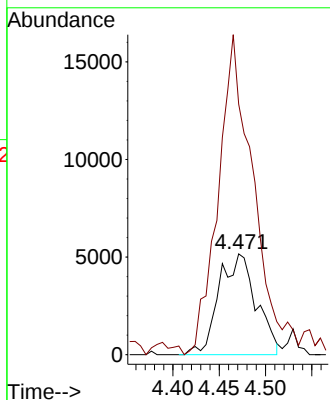
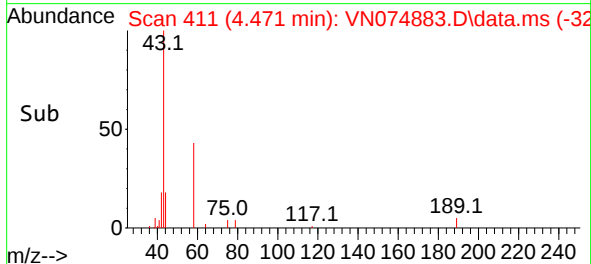
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 58 Resp: 1450
Ion Ratio Lower Upper
58 100
43 248.8 232.2 348.4

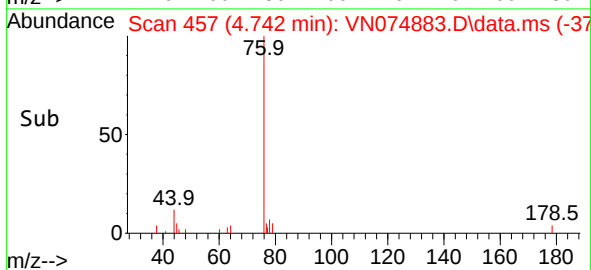
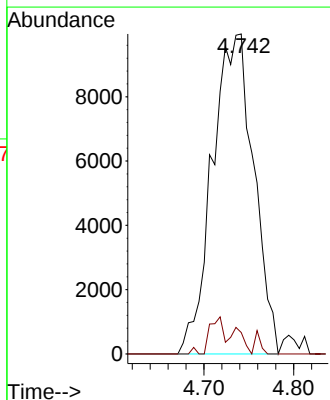
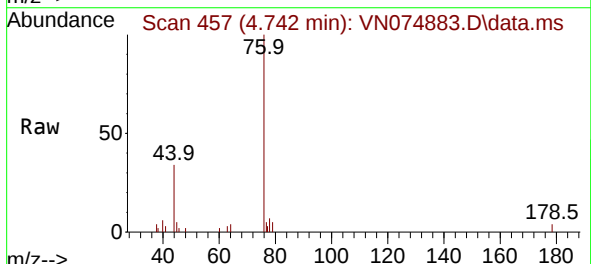
Manual Integrations
APPROVED

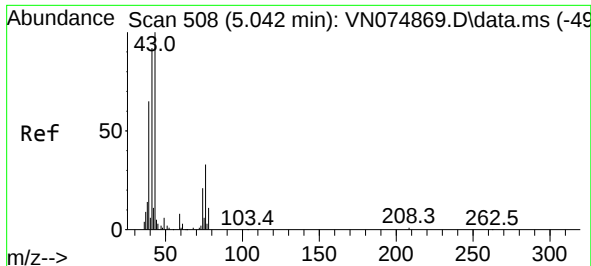
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#16
Carbon Disulfide
Concen: 2.935 ug/l
RT: 4.742 min Scan# 457
Delta R.T. 0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

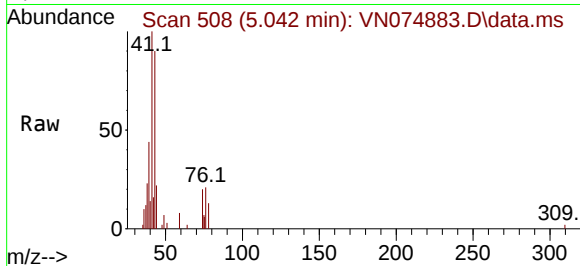
Tgt Ion: 76 Resp: 31910
Ion Ratio Lower Upper
76 100
78 6.7 7.2 10.8#





#17
 Allyl chloride
 Concen: 3.362 ug/l m
 RT: 5.042 min Scan# 508
 Delta R.T. -0.000 min
 Lab File: VN074883.D
 Acq: 12 Oct 2022 18:21

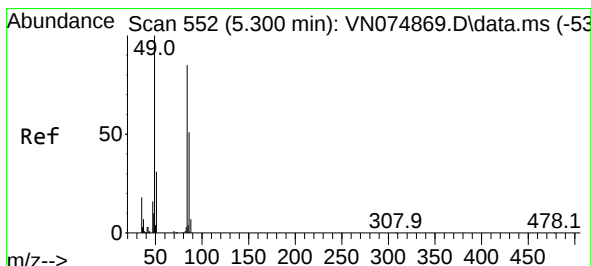
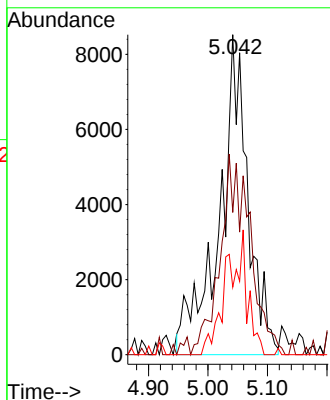
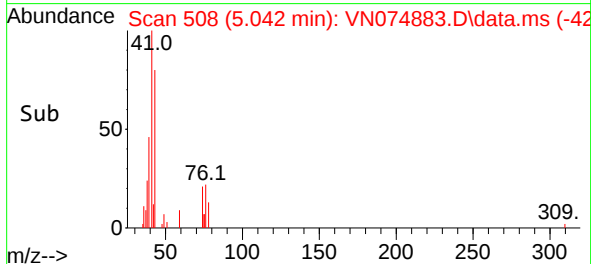
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 41 Resp: 28320
 Ion Ratio Lower Upper
 41 100
 39 44.4 39.1 117.5
 76 21.1 19.8 59.4

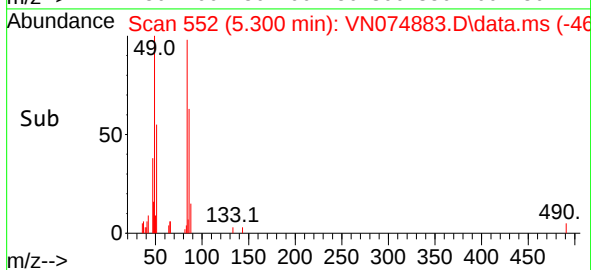
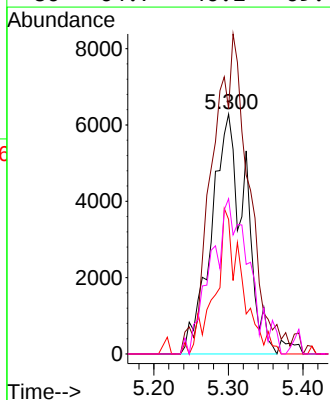
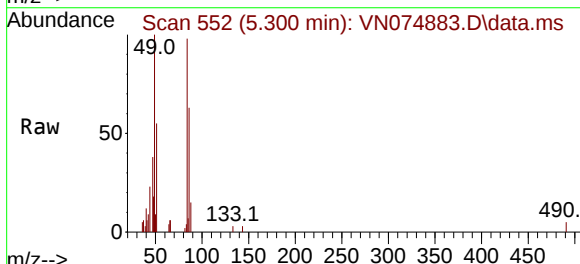
Manual Integrations
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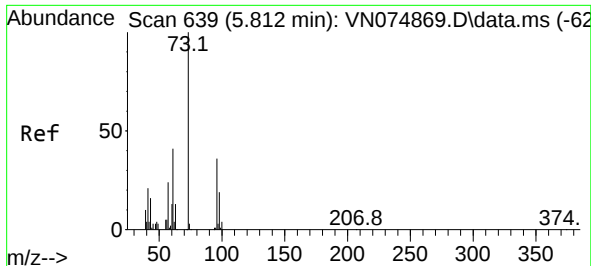
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#18
 Methylene Chloride
 Concen: 3.615 ug/l m
 RT: 5.300 min Scan# 552
 Delta R.T. -0.000 min
 Lab File: VN074883.D
 Acq: 12 Oct 2022 18:21

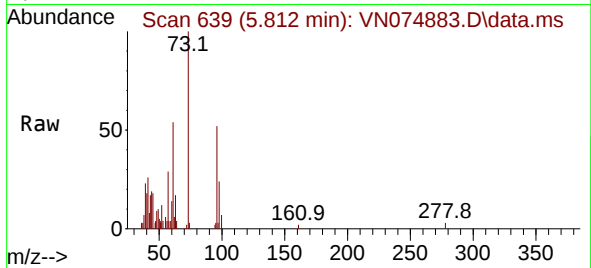
Tgt Ion: 84 Resp: 19834
 Ion Ratio Lower Upper
 84 100
 49 102.2 99.6 149.4
 51 56.1 28.2 42.2#
 86 64.7 46.2 69.4





#19
trans-1,2-Dichloroethene
Concen: 2.879 ug/l m
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

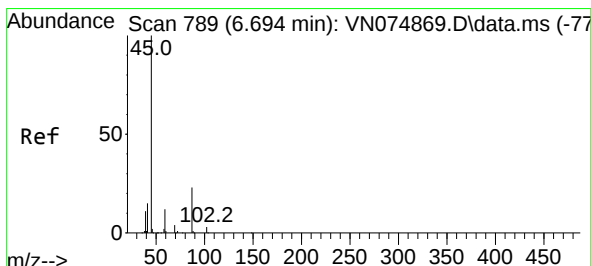
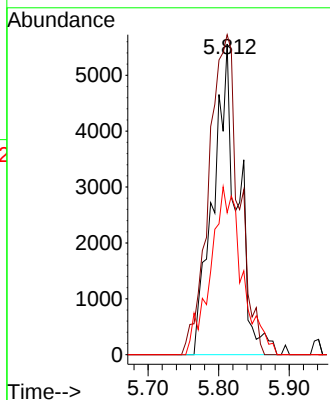
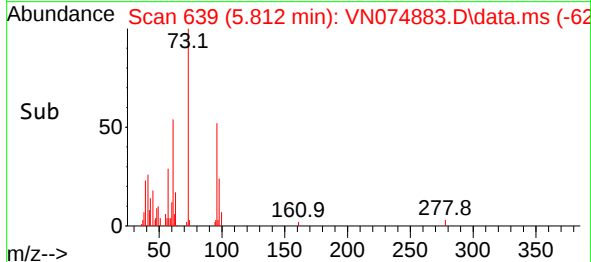
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 96 Resp: 1337
Ion Ratio Lower Upper
96 100
61 103.0 110.2 165.4
98 45.7 50.0 75.0

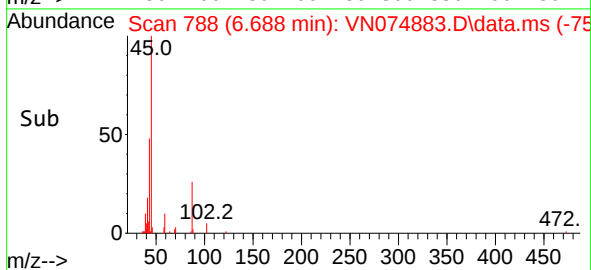
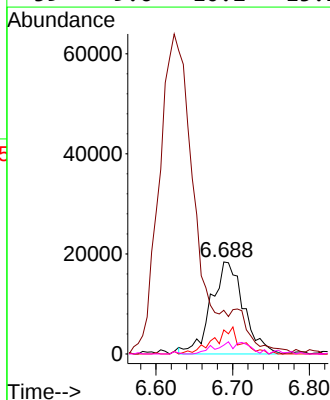
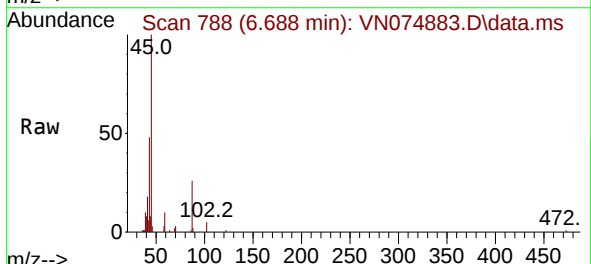
Manual Integrations
APPROVED

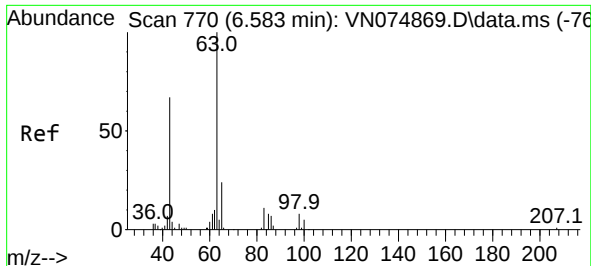
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#20
Diisopropyl ether
Concen: 2.736 ug/l m
RT: 6.688 min Scan# 788
Delta R.T. -0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

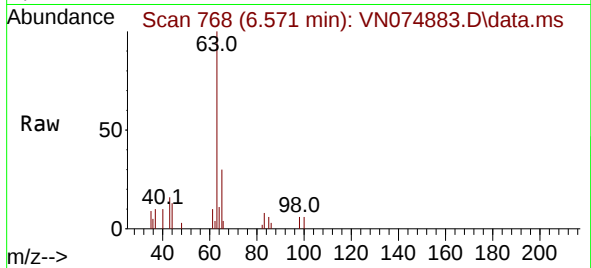
Tgt Ion: 45 Resp: 53809
Ion Ratio Lower Upper
45 100
43 47.5 47.3 70.9
87 26.2 21.8 32.8
59 9.6 10.2 15.2





#21
1,1-Dichloroethane
Concen: 2.820 ug/l m
RT: 6.571 min Scan# 770
Delta R.T. -0.012 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

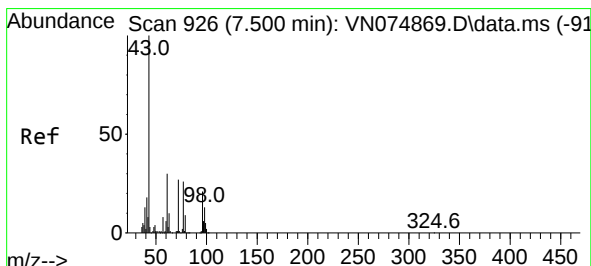
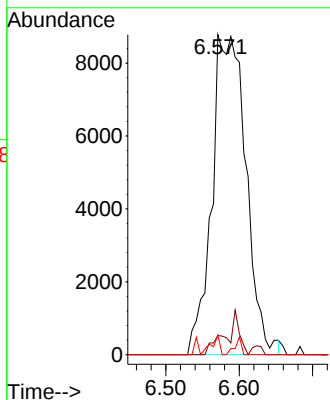
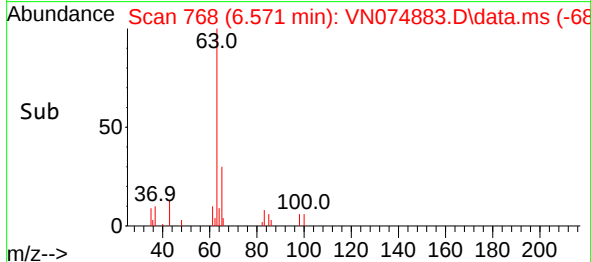
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 63 Resp: 28215
Ion Ratio Lower Upper
63 100
98 6.0 3.3 9.9
100 6.2 2.2 6.6

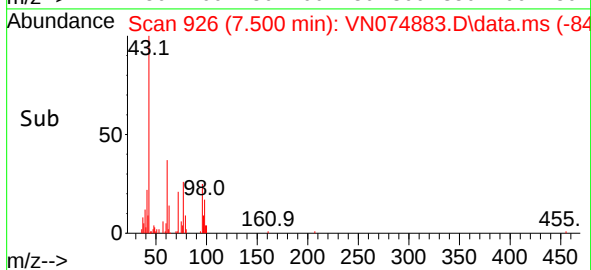
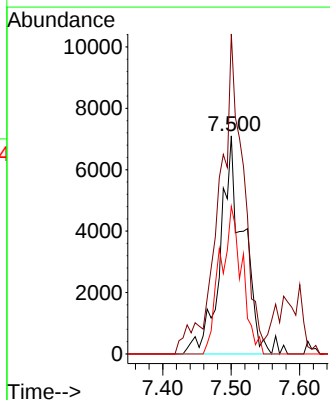
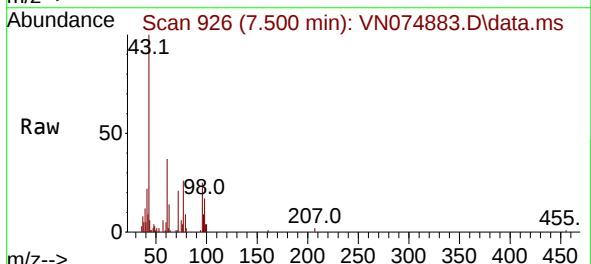
Manual Integrations
APPROVED

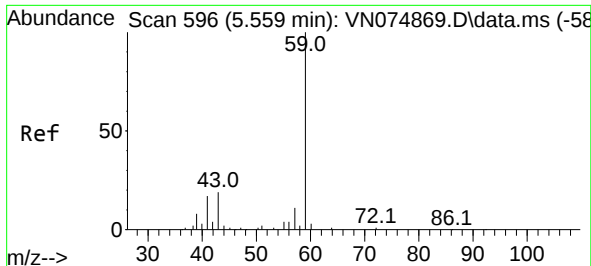
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#22
cis-1,2-Dichloroethene
Concen: 2.870 ug/l m
RT: 7.500 min Scan# 926
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

Tgt Ion: 96 Resp: 16697
Ion Ratio Lower Upper
96 100
61 85.6 118.8 178.2#
98 44.3 52.1 78.1#





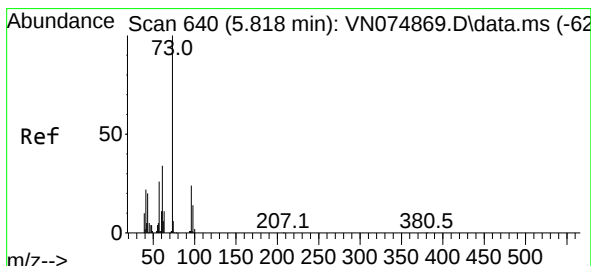
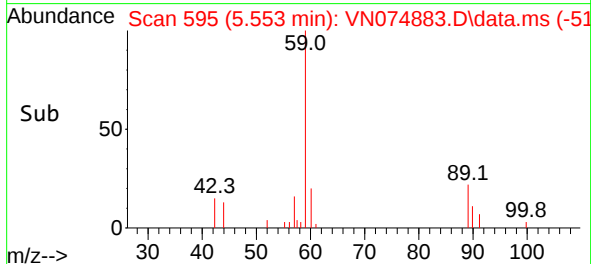
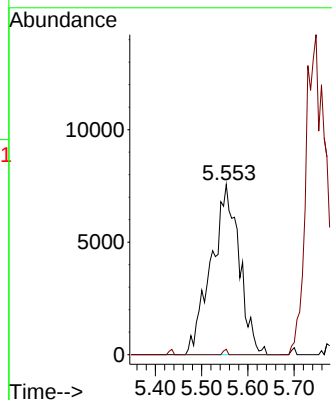
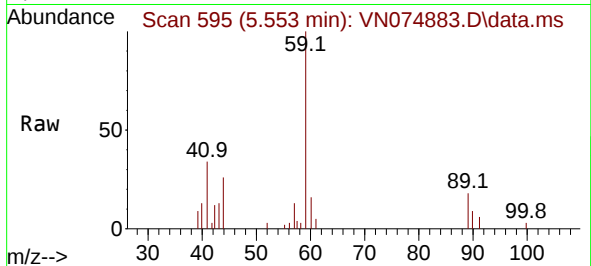
#23
tert-Butyl Alcohol
Concen: 19.817 ug/l m
RT: 5.553 min Scan# 59
Delta R.T. -0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

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

Tgt Ion: 59 Resp: 3176
Ion Ratio Lower Upper
59 100
52 0.4 0.2 0.4

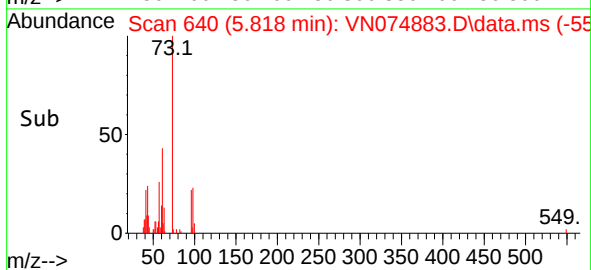
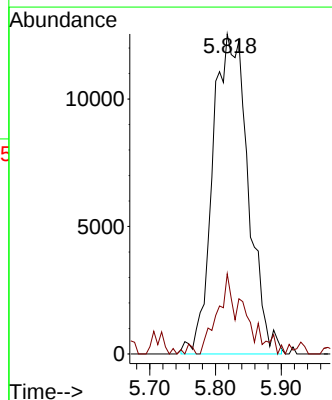
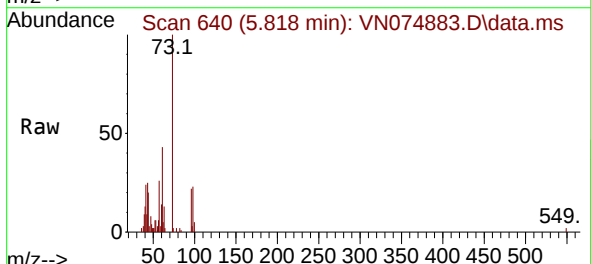
Manual Integrations
APPROVED

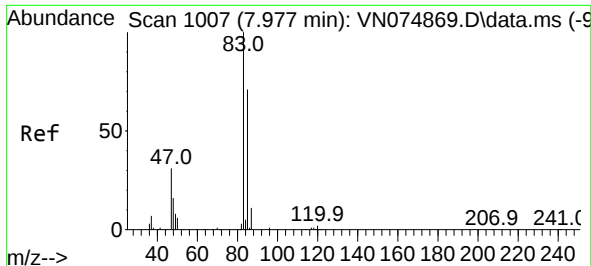
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#24
Methyl tert-Butyl Ether
Concen: 2.656 ug/l m
RT: 5.818 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

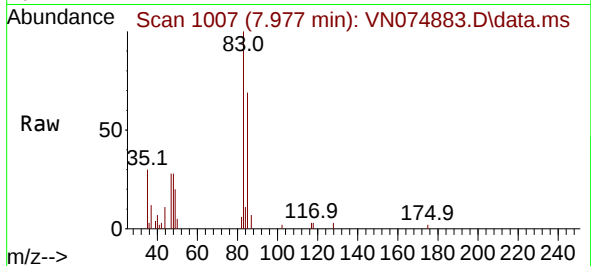
Tgt Ion: 73 Resp: 46935
Ion Ratio Lower Upper
73 100
43 10.8 15.6 23.4





#25
Chloroform
Concen: 2.482 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

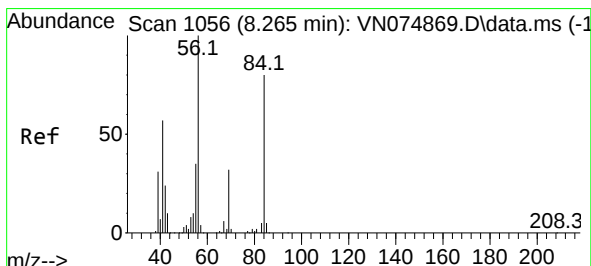
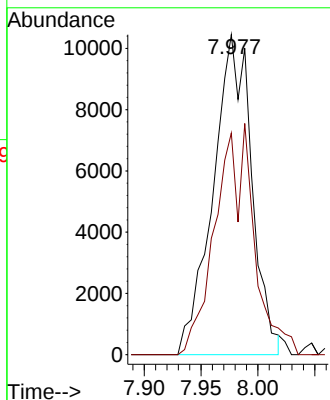
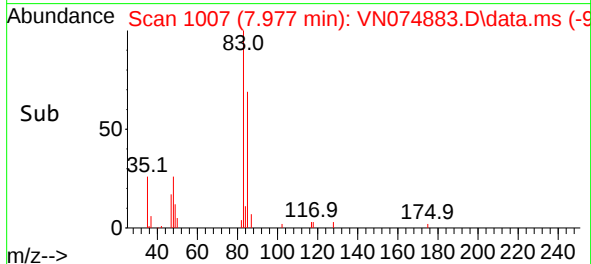
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



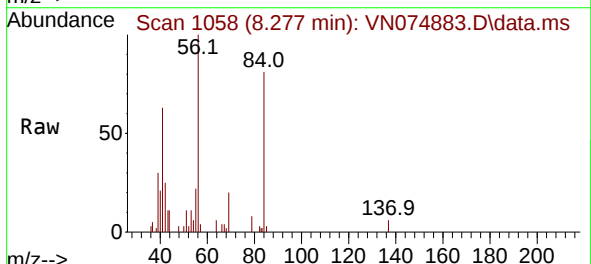
Tgt Ion: 83 Resp: 24658
Ion Ratio Lower Upper
83 100
85 69.2 53.6 80.4

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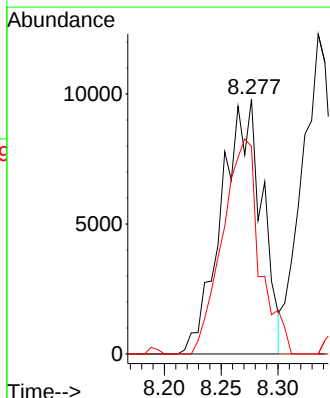
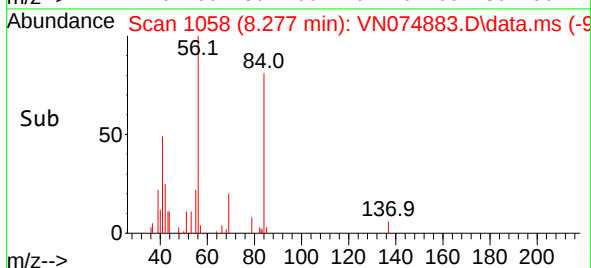
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

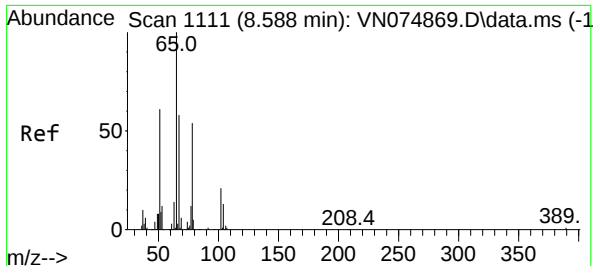


#26
Cyclohexane
Concen: 2.775 ug/l
RT: 8.277 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21



Tgt Ion: 56 Resp: 24392
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 77.6 68.4 102.6





#27

1,2-Dichloroethane-d4

Concen: 29.781 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN074883.D

Acq: 12 Oct 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 65 Resp: 19332

Ion Ratio Lower Upper

65 100

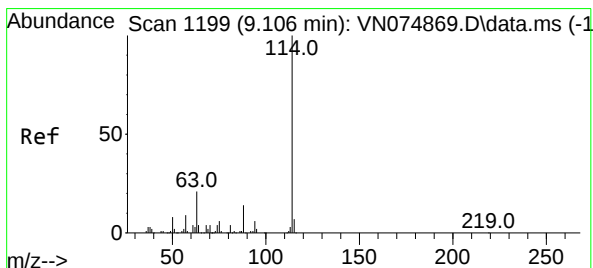
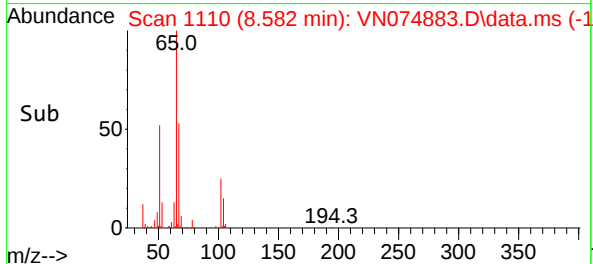
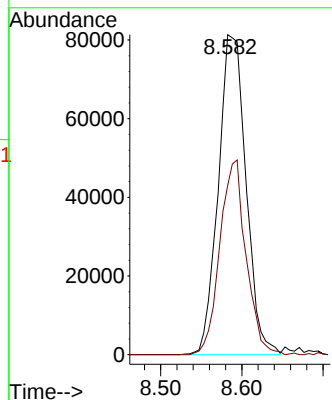
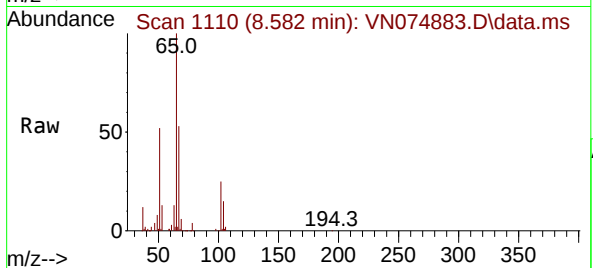
67 57.4 45.2 67.8

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: 9.112 min Scan# 1200

Delta R.T. 0.006 min

Lab File: VN074883.D

Acq: 12 Oct 2022 18:21

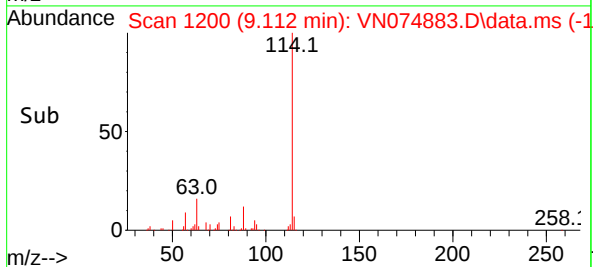
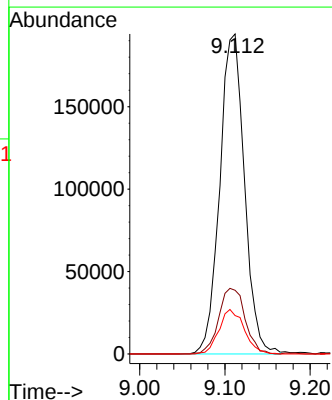
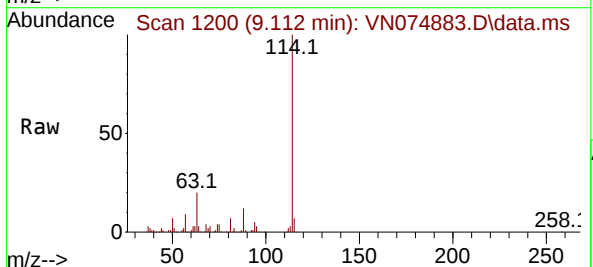
Tgt Ion:114 Resp: 390659

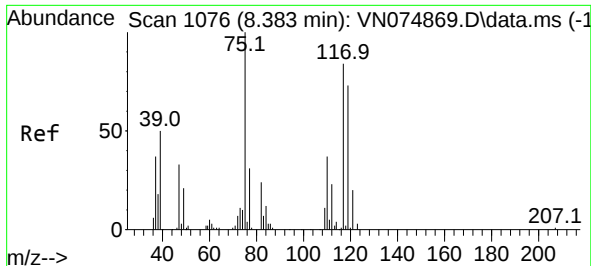
Ion Ratio Lower Upper

114 100

63 22.0 16.6 25.0

88 14.2 12.2 18.4





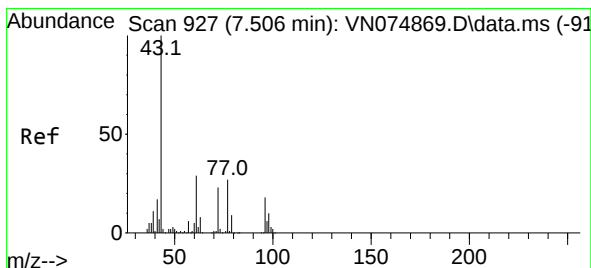
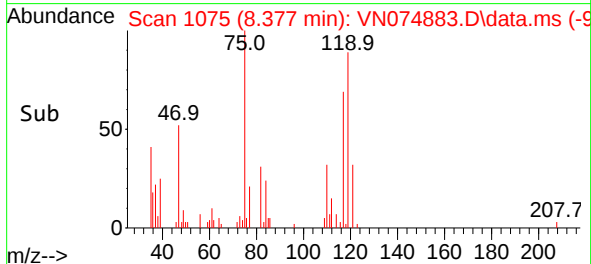
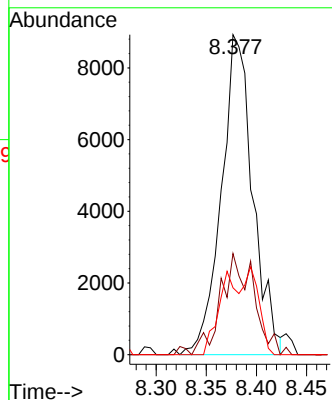
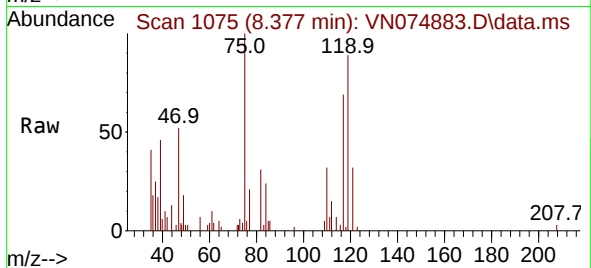
#29
1,1-Dichloropropene
Concen: 2.765 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

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

Tgt Ion: 75 Resp: 19490
Ion Ratio Lower Upper
75 100
110 20.3 0.0 72.2
77 16.2 0.0 64.0

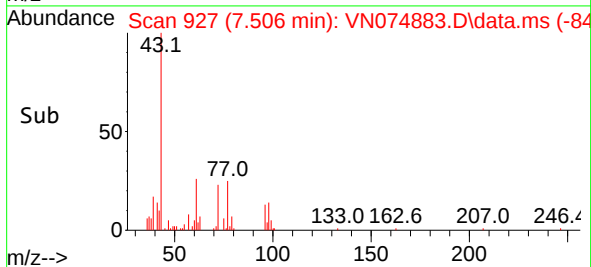
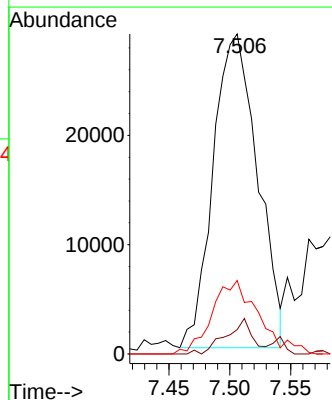
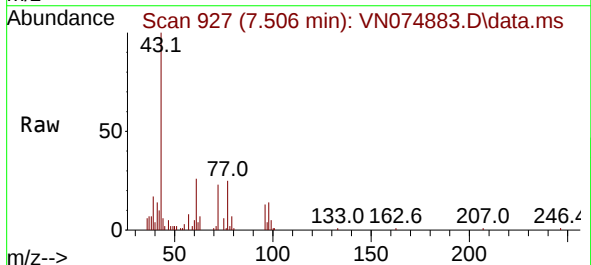
Manual Integrations
APPROVED

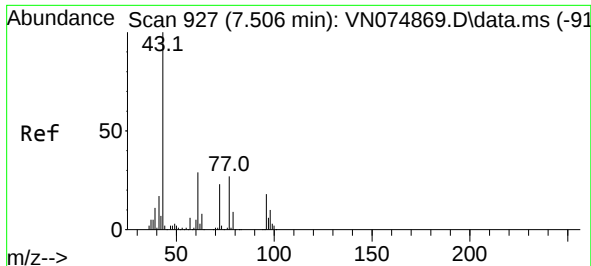
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#30
2-Butanone
Concen: 12.998 ug/l
RT: 7.506 min Scan# 927
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

Tgt Ion: 43 Resp: 73099
Ion Ratio Lower Upper
43 100
57 6.6 6.3 9.5
72 23.1 21.0 31.4





#31

2,2-Dichloropropane

Concen: 2.555 ug/l

RT: 7.512 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN074883.D

Acq: 12 Oct 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 77 Resp: 2204

Ion Ratio Lower Upper

77 100

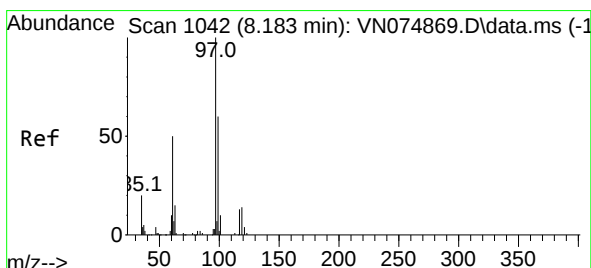
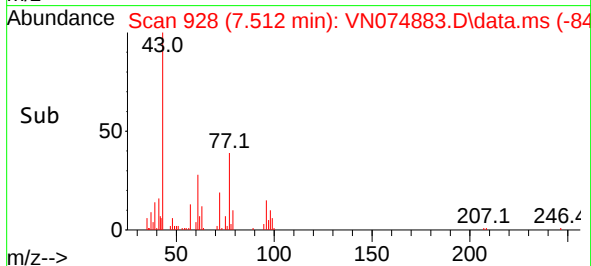
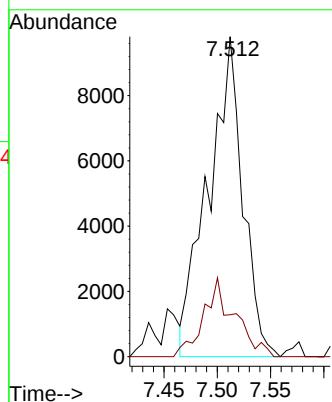
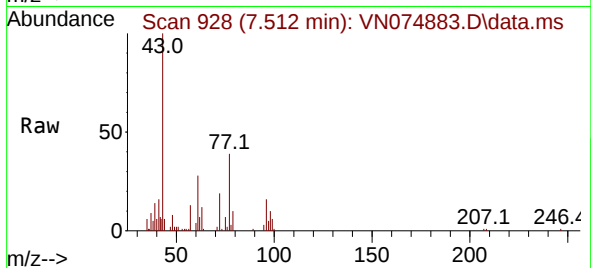
97 7.3 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#32

1,1,1-Trichloroethane

Concen: 2.561 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VN074883.D

Acq: 12 Oct 2022 18:21

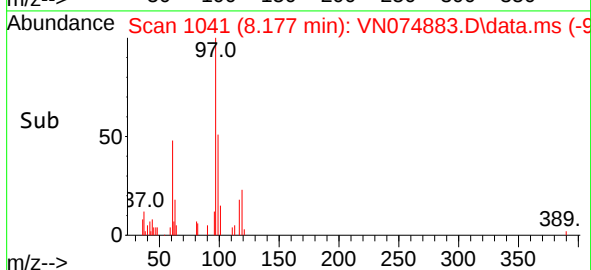
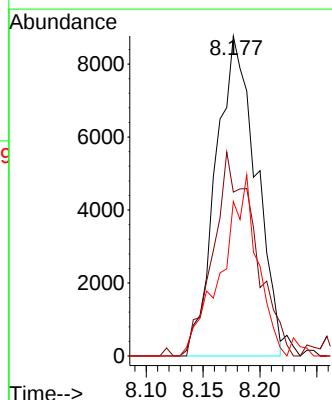
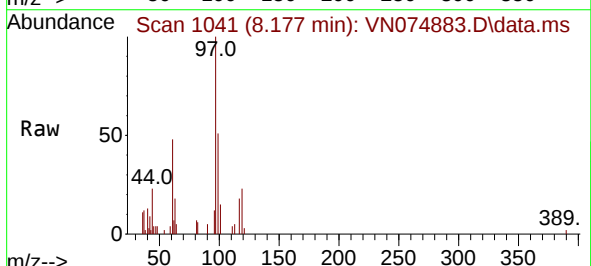
Tgt Ion: 97 Resp: 21650

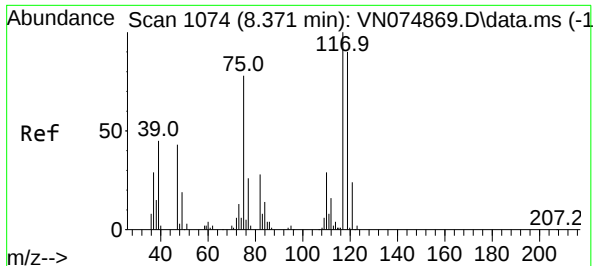
Ion Ratio Lower Upper

97 100

99 34.0 50.0 75.0#

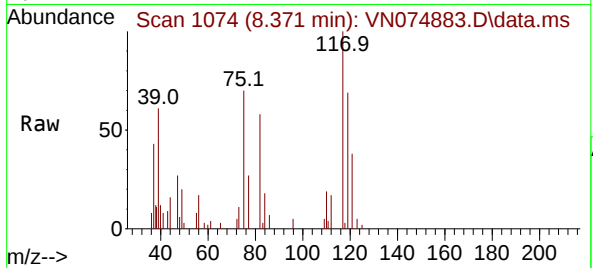
61 50.2 36.1 54.1





#33
Carbon Tetrachloride
Concen: 2.717 ug/l m
RT: 8.371 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

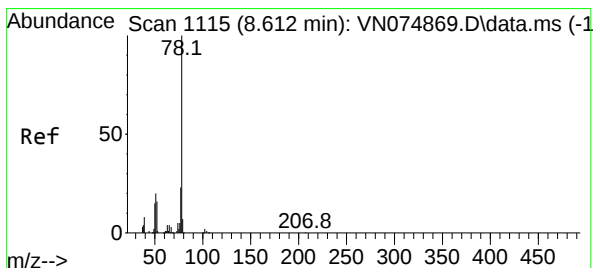
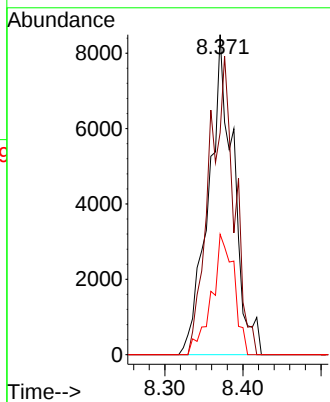
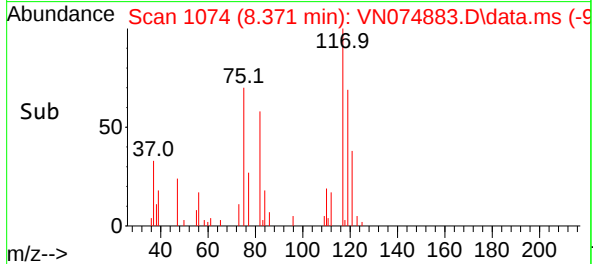
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:117 Resp: 1885
Ion Ratio Lower Upper
117 100
119 69.4 77.8 116.6
121 37.6 27.6 41.4

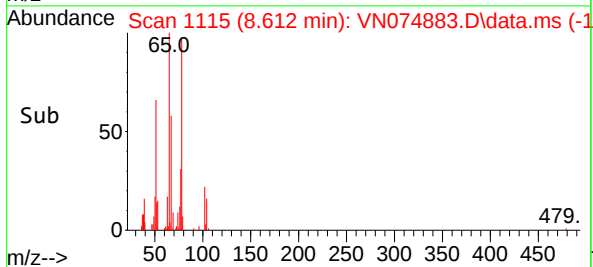
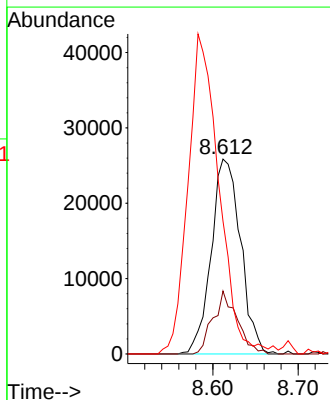
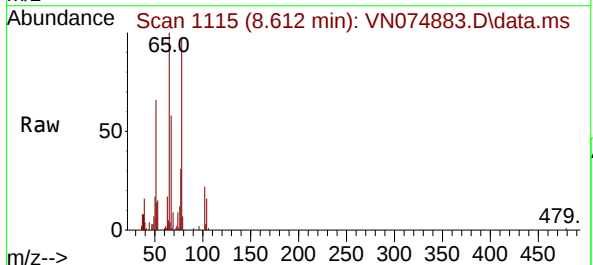
Manual Integrations
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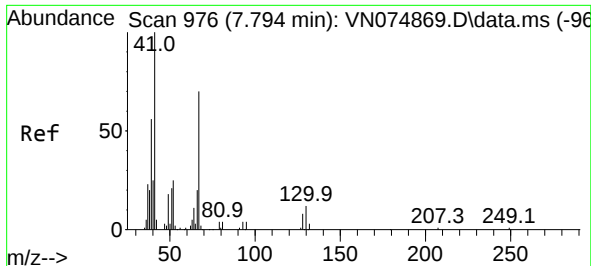
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#34
Benzene
Concen: 2.657 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

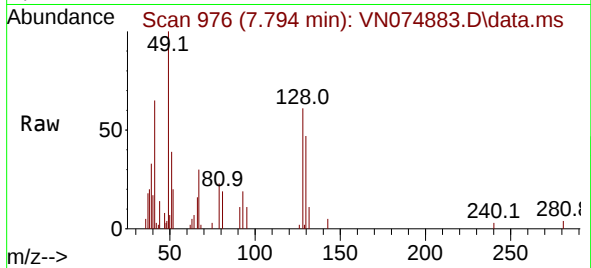
Tgt Ion: 78 Resp: 61914
Ion Ratio Lower Upper
78 100
77 32.3 19.9 29.9#
51 66.2 21.1 31.7#





#35
Methacrylonitrile
Concen: 2.405 ug/l m
RT: 7.794 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

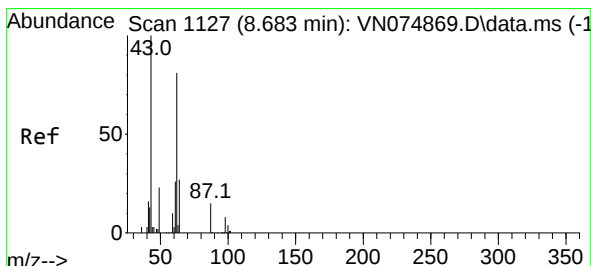
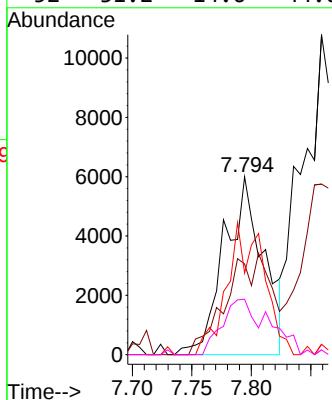
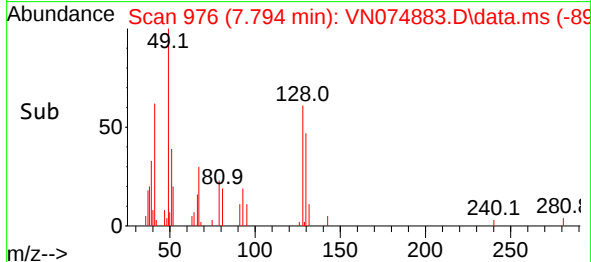
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 41 Resp: 1389
Ion Ratio Lower Upper
41 100
39 51.0 27.7 83.1
67 45.8 38.0 113.9
52 31.2 14.6 44.0

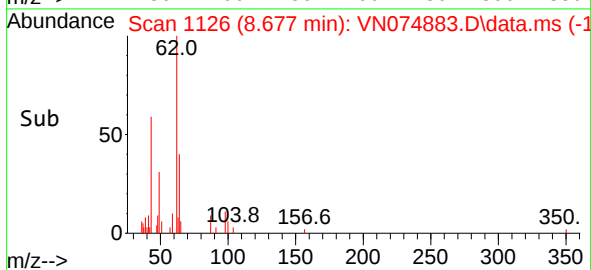
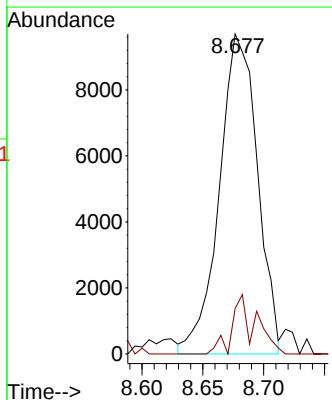
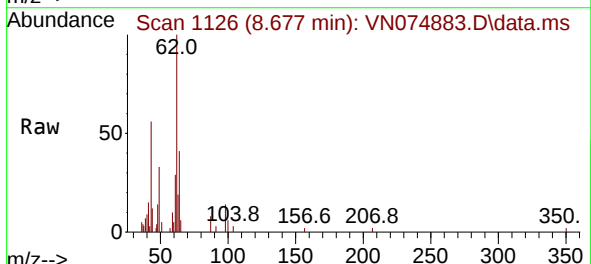
Manual Integrations
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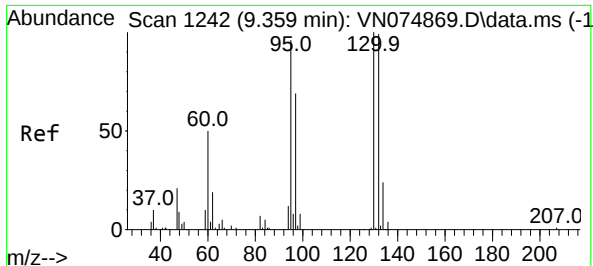
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#36
1,2-Dichloroethane
Concen: 2.723 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

Tgt Ion: 62 Resp: 21129
Ion Ratio Lower Upper
62 100
98 5.8 7.4 11.2#





#37

Trichloroethene

Concen: 3.034 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VN074883.D

Acq: 12 Oct 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion:130 Resp: 1470

Ion Ratio Lower Upper

130 100

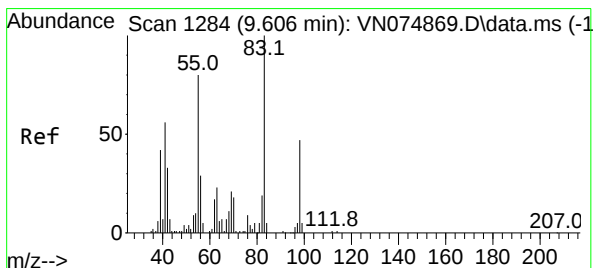
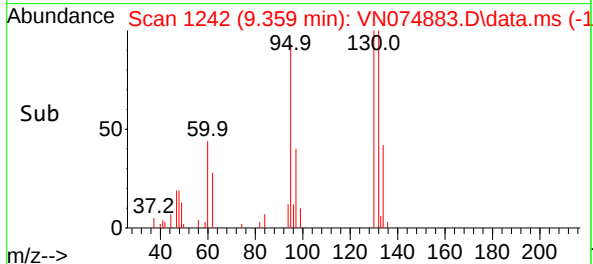
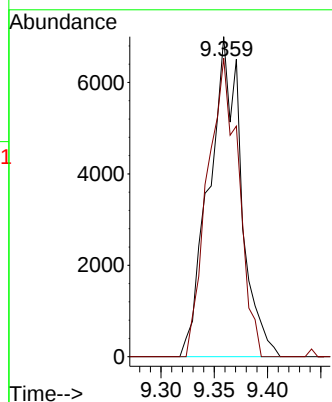
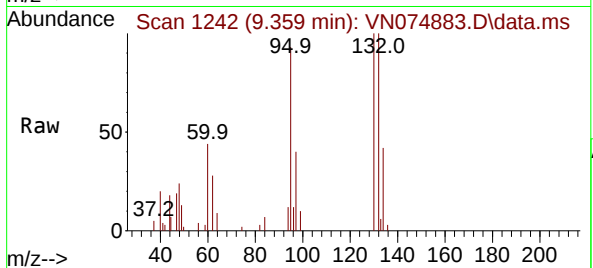
95 93.3 75.9 113.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#38

Methylcyclohexane

Concen: 2.353 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VN074883.D

Acq: 12 Oct 2022 18:21

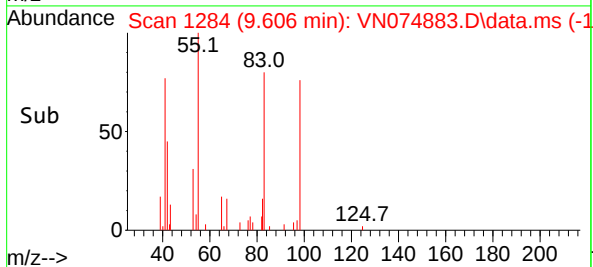
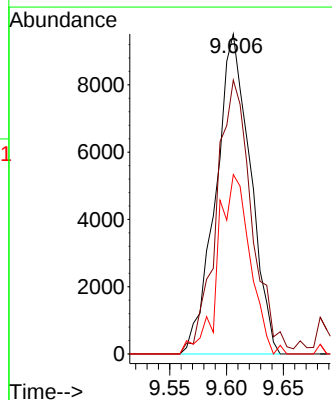
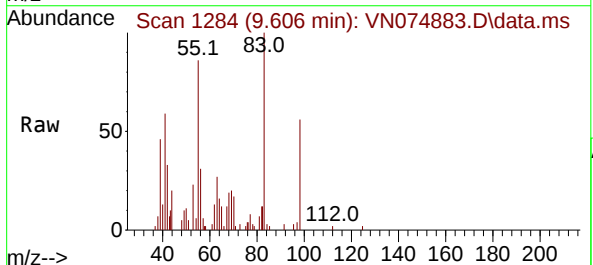
Tgt Ion: 83 Resp: 20152

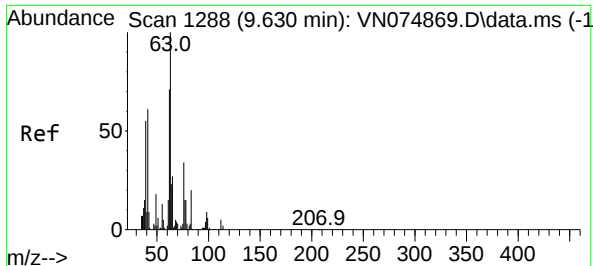
Ion Ratio Lower Upper

83 100

55 87.8 37.4 112.2

98 46.5 24.5 73.5





#39

1,2-Dichloropropane

Concen: 2.558 ug/l m

RT: 9.624 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN074883.D

Acq: 12 Oct 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 63 Resp: 1545

Ion Ratio Lower Upper

63 100

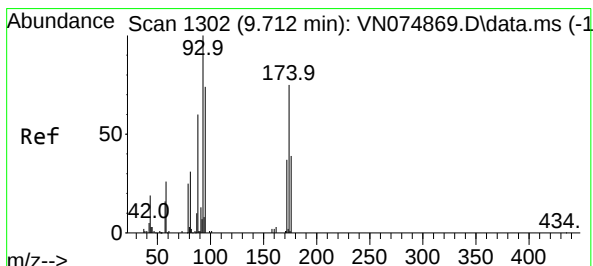
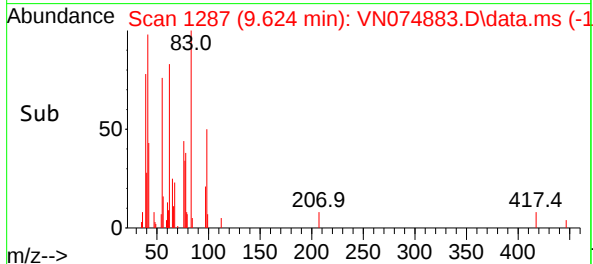
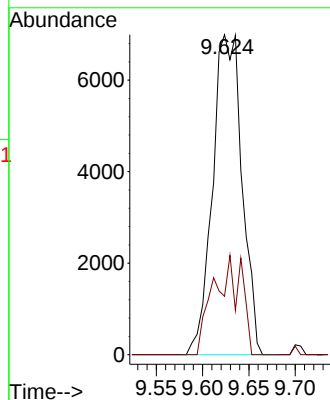
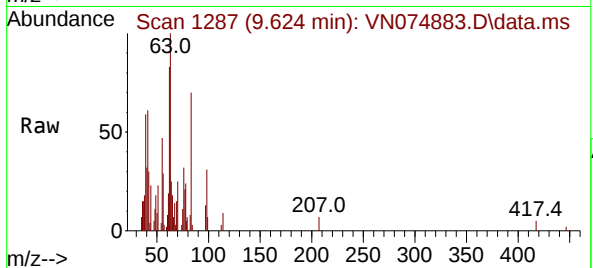
65 18.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#40

Dibromomethane

Concen: 2.904 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074883.D

Acq: 12 Oct 2022 18:21

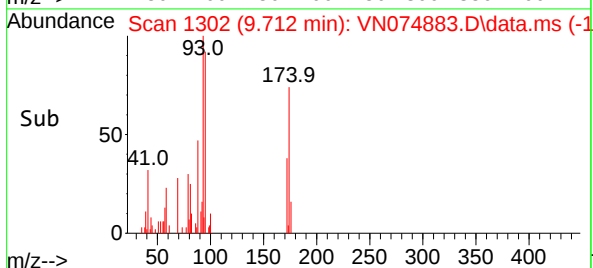
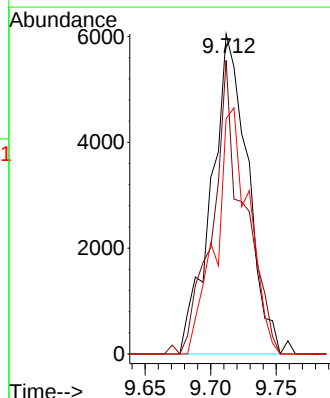
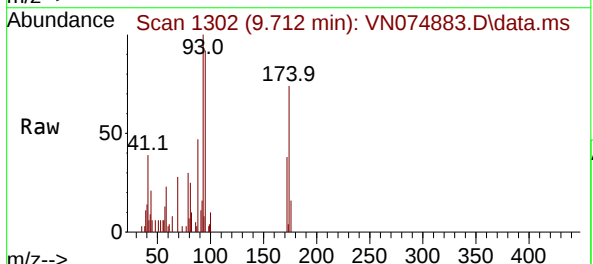
Tgt Ion: 93 Resp: 11624

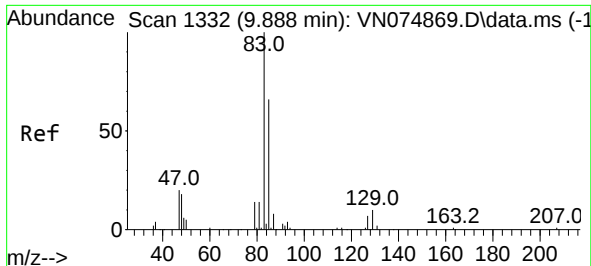
Ion Ratio Lower Upper

93 100

95 60.7 0.0 168.0

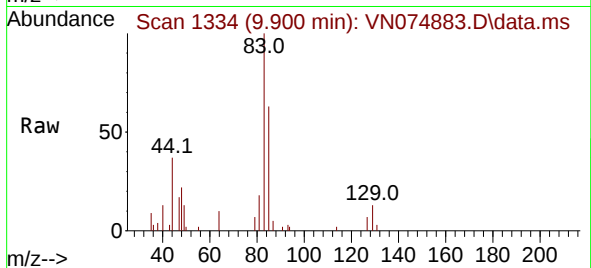
174 53.8 0.0 158.4





#41
Bromodichloromethane
Concen: 2.559 ug/l m
RT: 9.900 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

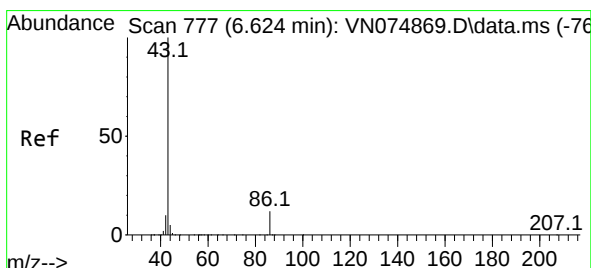
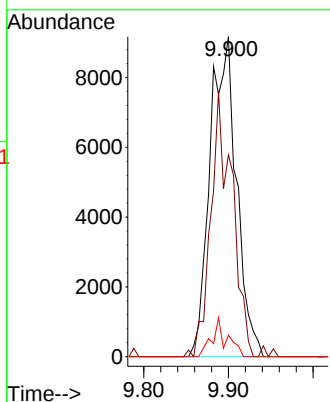
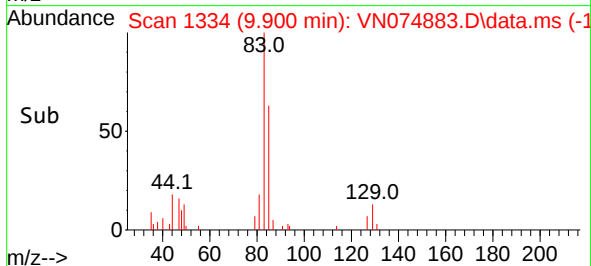
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 83 Resp: 1994
Ion Ratio Lower Upper
83 100
85 63.1 50.2 75.4
127 6.8 5.1 7.7

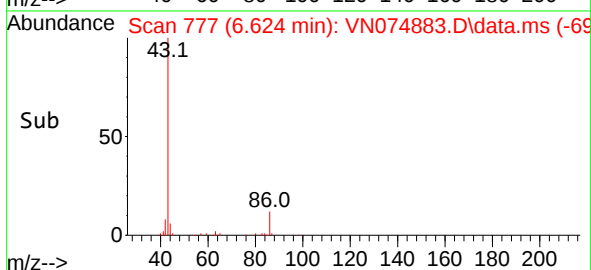
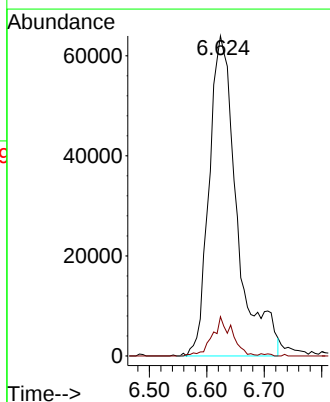
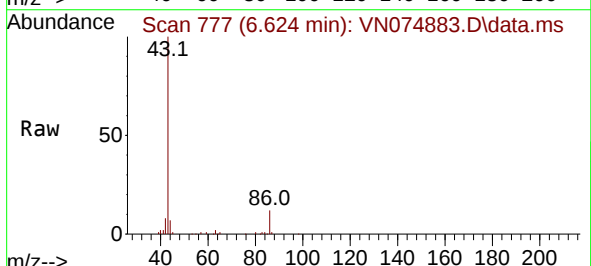
Manual Integrations
APPROVED

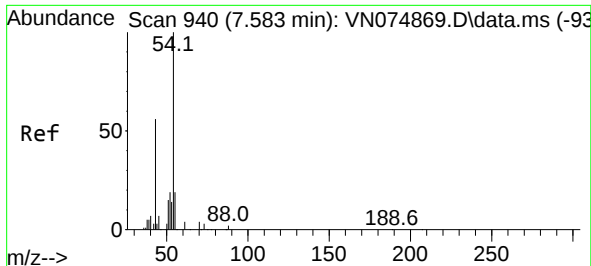
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#42
Vinyl Acetate
Concen: 12.878 ug/l m
RT: 6.624 min Scan# 777
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

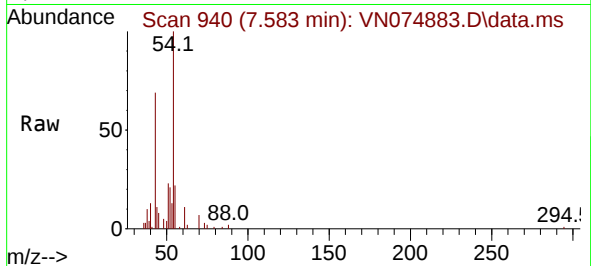
Tgt Ion: 43 Resp: 215748
Ion Ratio Lower Upper
43 100
86 6.0 7.5 11.3#





#43
Ethyl Acetate
Concen: 3.185 ug/l m
RT: 7.583 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

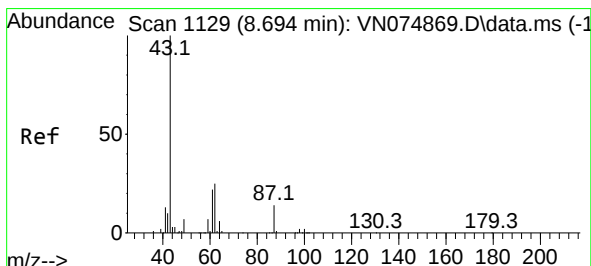
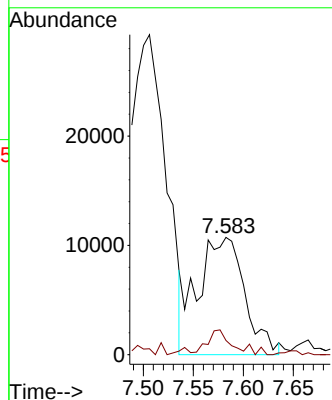
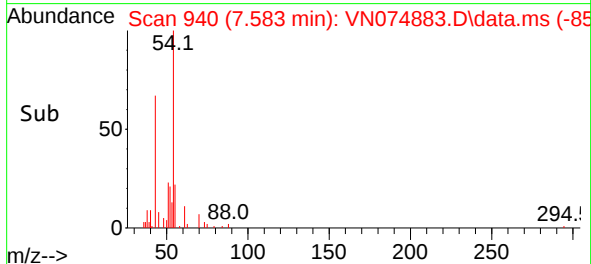
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 43 Resp: 34828
Ion Ratio Lower Upper
43 100
45 2.2 11.5 17.3

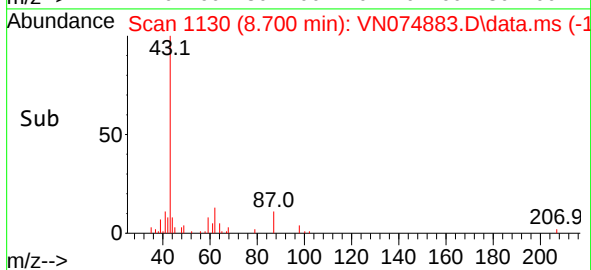
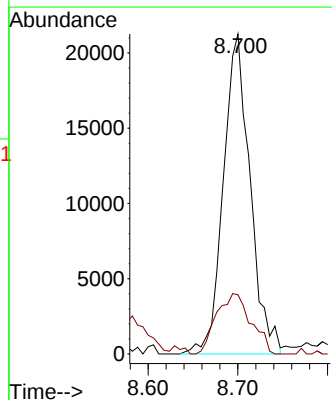
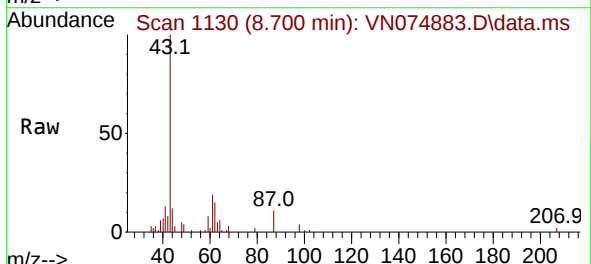
Manual Integrations
APPROVED

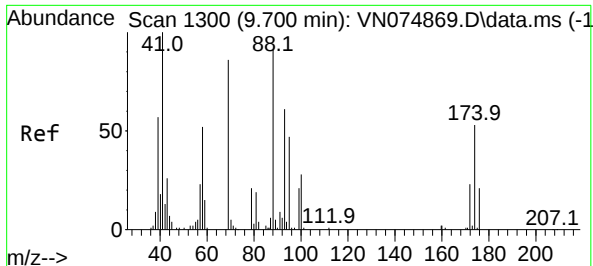
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#44
Isopropyl Acetate
Concen: 2.604 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

Tgt Ion: 43 Resp: 44034
Ion Ratio Lower Upper
43 100
61 24.4 19.5 29.3





#45

1,4-Dioxane

Concen: 55.103 ug/l m

RT: 9.718 min Scan# 1300

Delta R.T. 0.018 min

Lab File: VN074883.D

Acq: 12 Oct 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 88 Resp: 8544

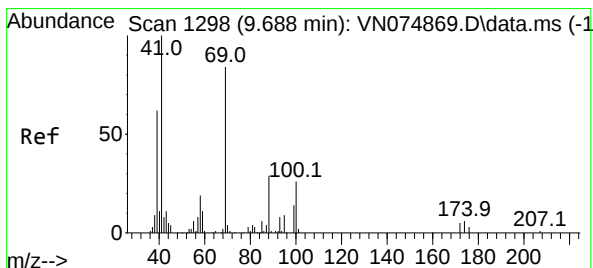
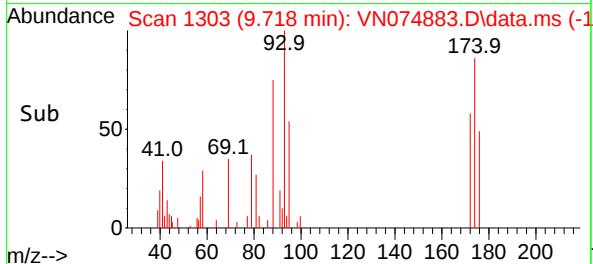
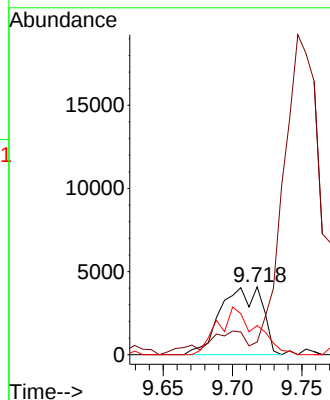
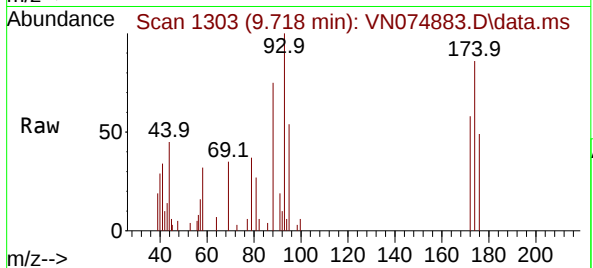
Ion	Ratio	Lower	Upper
88	100		
43	19.2	25.7	38.5
58	47.2	53.4	80.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#46

Methyl methacrylate

Concen: 2.864 ug/l m

RT: 9.688 min Scan# 1298

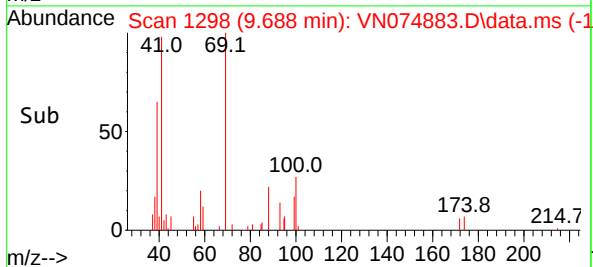
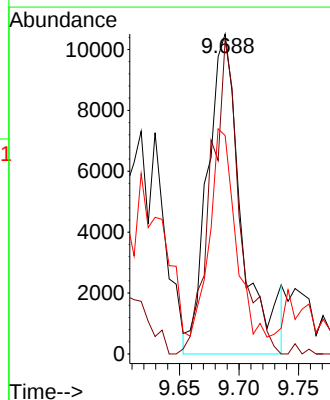
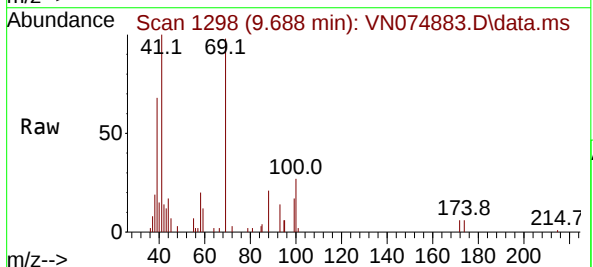
Delta R.T. -0.000 min

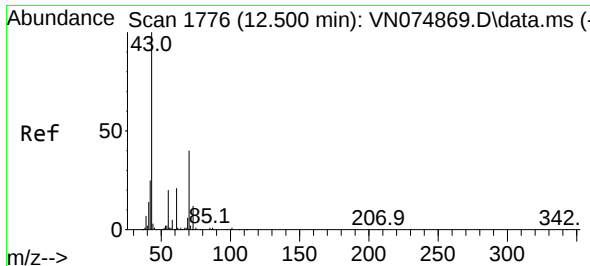
Lab File: VN074883.D

Acq: 12 Oct 2022 18:21

Tgt Ion: 41 Resp: 20977

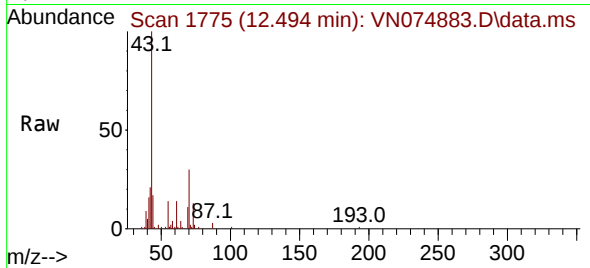
Ion	Ratio	Lower	Upper
41	100		
69	98.1	45.6	136.7
39	68.3	32.3	96.9





#47
n-amy1 Acetate
Concen: 2.323 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

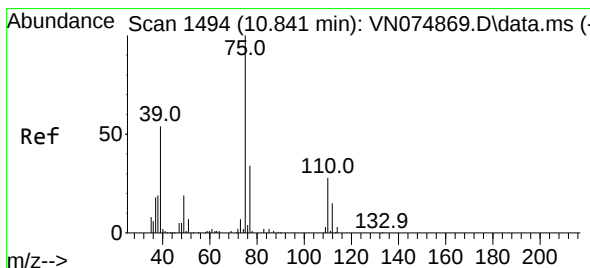
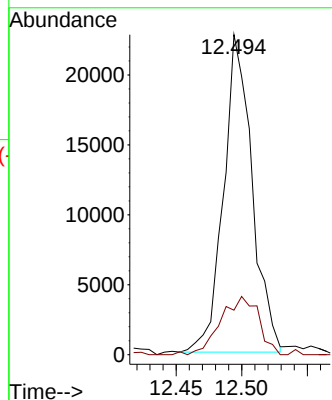
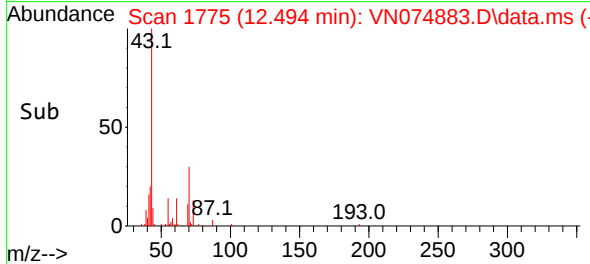
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 43 Resp: 34370
Ion Ratio Lower Upper
43 100
55 24.2 16.8 25.2

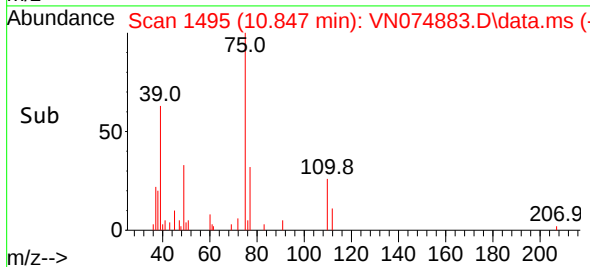
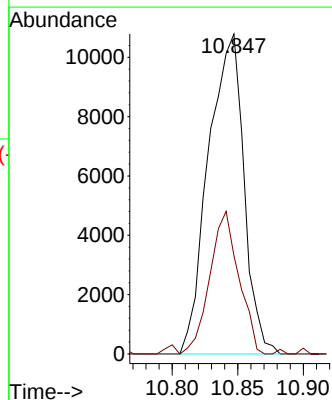
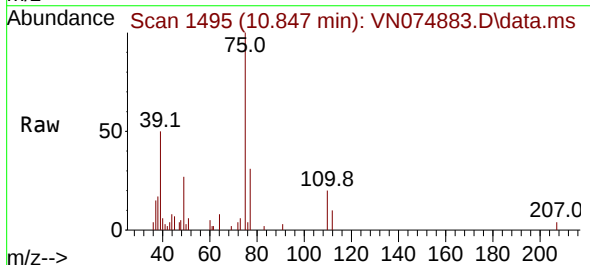
Manual Integrations
APPROVED

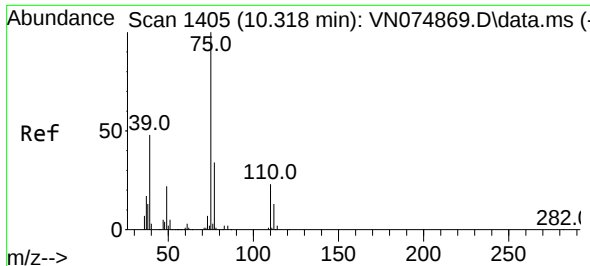
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#48
t-1,3-Dichloropropene
Concen: 2.271 ug/l
RT: 10.847 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

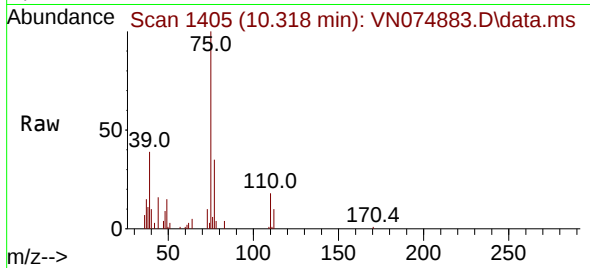
Tgt Ion: 75 Resp: 20309
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.8





#49
 cis-1,3-Dichloropropene
 Concen: 2.564 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VN074883.D
 Acq: 12 Oct 2022 18:21

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

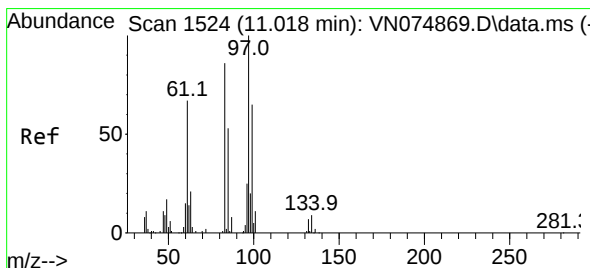
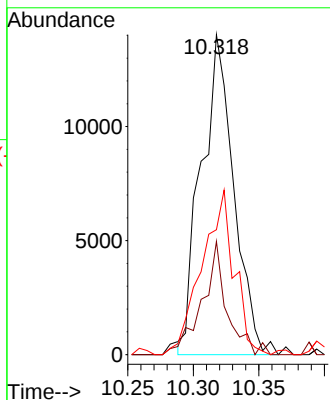
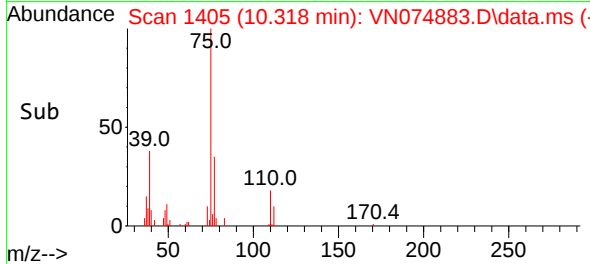


Tgt Ion: 75 Resp: 24310

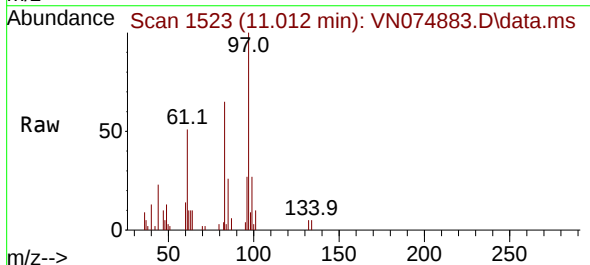
Ion	Ratio	Lower	Upper
75	100		
77	35.4	22.5	33.7
39	37.8	37.6	56.4

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

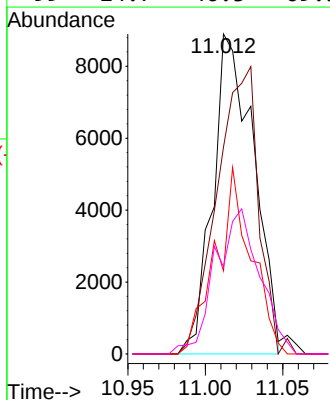
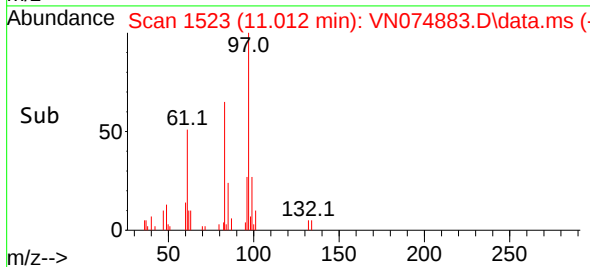


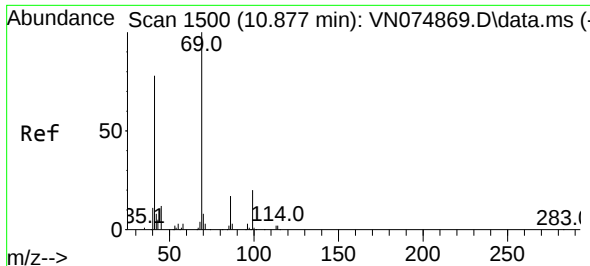
#50
 1,1,2-Trichloroethane
 Concen: 2.765 ug/l
 RT: 11.012 min Scan# 1523
 Delta R.T. -0.006 min
 Lab File: VN074883.D
 Acq: 12 Oct 2022 18:21



Tgt Ion: 97 Resp: 16285

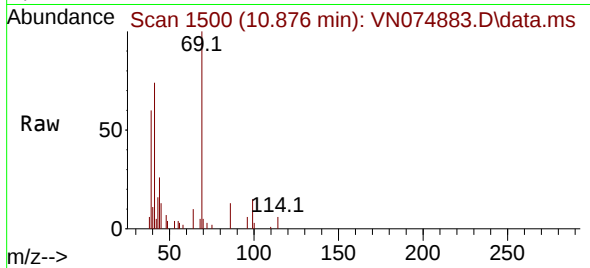
Ion	Ratio	Lower	Upper
97	100		
83	64.6	69.2	103.8
85	26.0	41.4	62.2
99	24.7	46.3	69.5





#51
Ethyl methacrylate
Concen: 2.222 ug/l
RT: 10.876 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

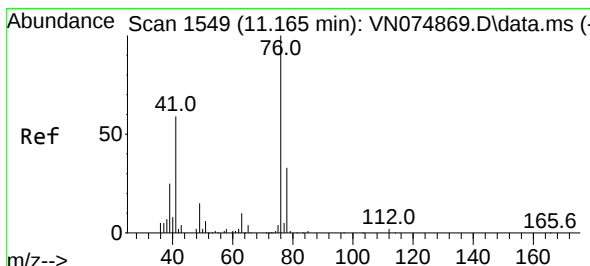
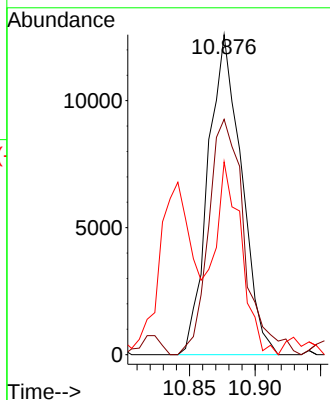
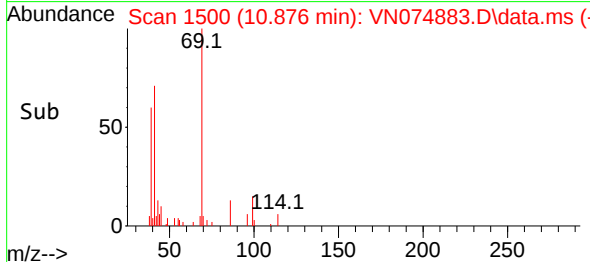
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 69 Resp: 2225
Ion Ratio Lower Upper
69 100
41 73.6 32.5 97.5
39 60.3 21.5 64.5

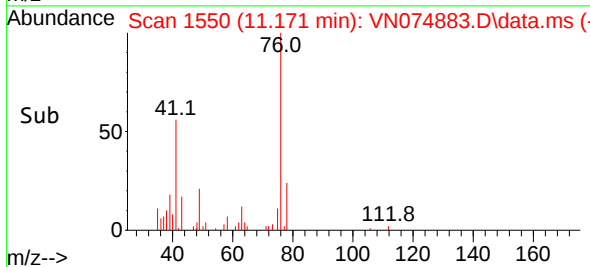
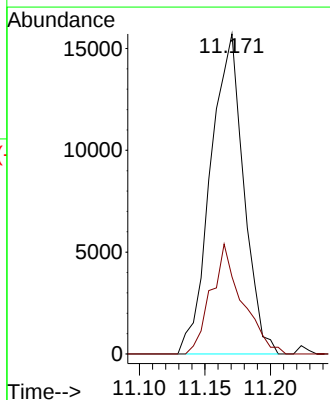
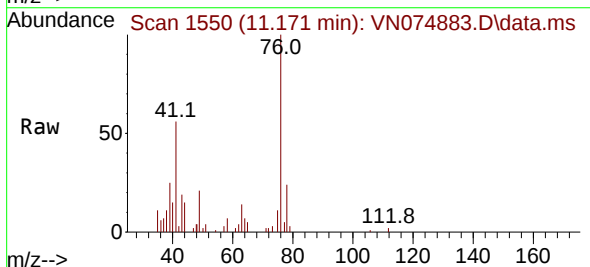
Manual Integrations
APPROVED

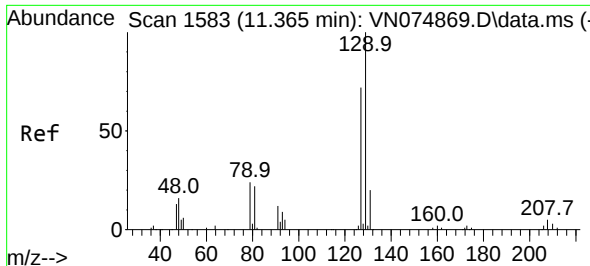
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#52
1,3-Dichloropropane
Concen: 2.717 ug/l
RT: 11.171 min Scan# 1550
Delta R.T. 0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

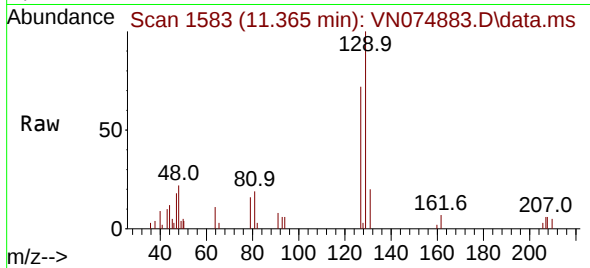
Tgt Ion: 76 Resp: 27622
Ion Ratio Lower Upper
76 100
78 32.3 0.0 63.8





#53
Dibromochloromethane
Concen: 2.311 ug/l
RT: 11.365 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

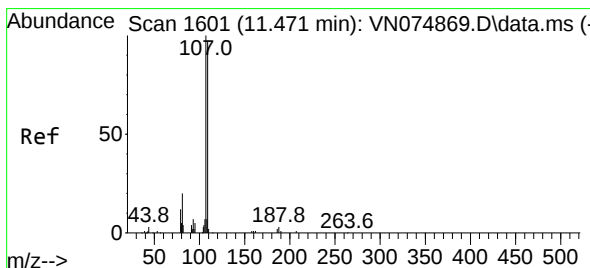
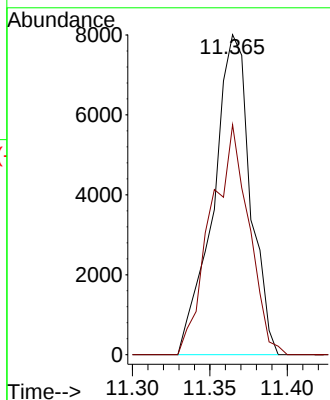
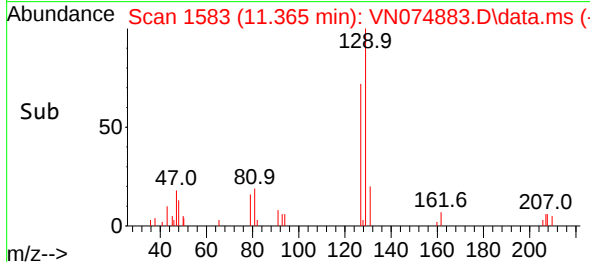
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:129 Resp: 13334
Ion Ratio Lower Upper
129 100
127 74.0 40.6 121.7

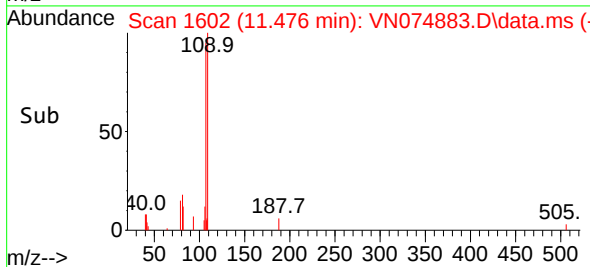
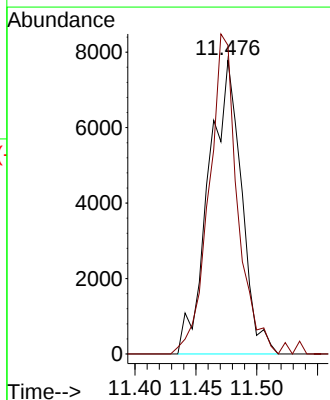
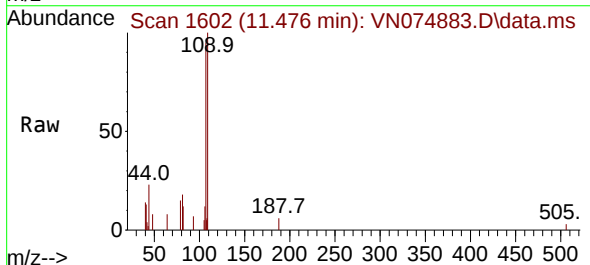
Manual Integrations
APPROVED

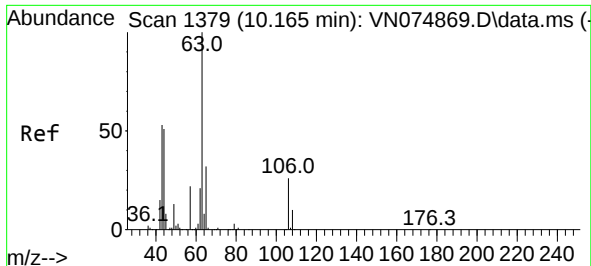
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#54
1,2-Dibromoethane
Concen: 2.581 ug/l
RT: 11.476 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

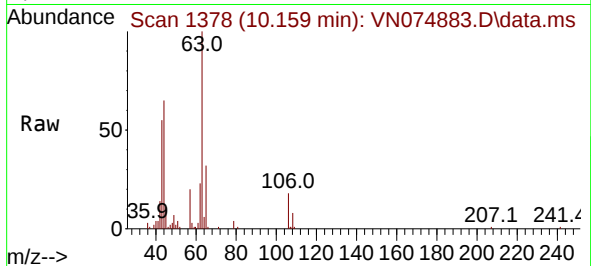
Tgt Ion:107 Resp: 14606
Ion Ratio Lower Upper
107 100
109 94.7 76.2 114.2





#55
2-Chloroethyl vinyl ether
Concen: 11.344 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

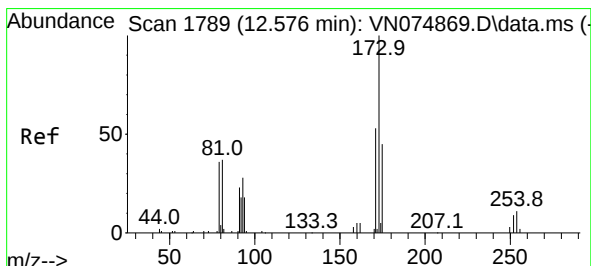
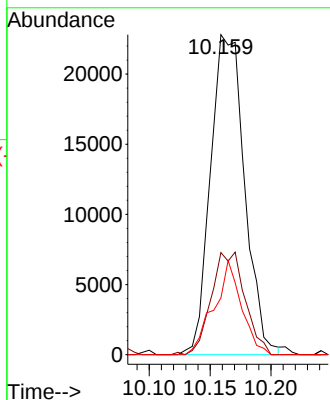
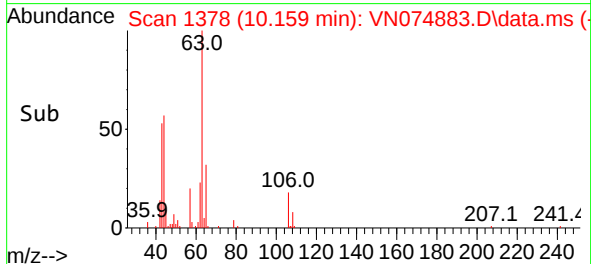
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 63 Resp: 4444
Ion Ratio Lower Upper
63 100
65 31.6 24.6 36.8
106 23.7 21.3 31.9

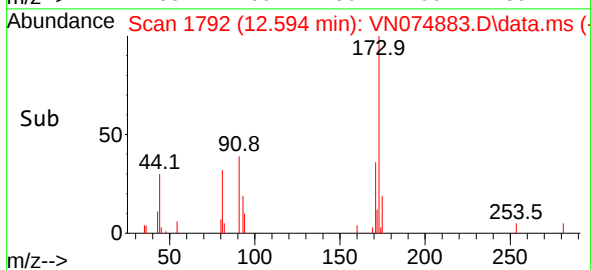
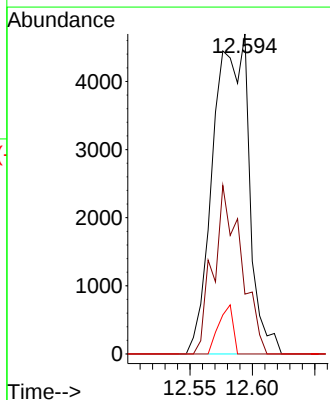
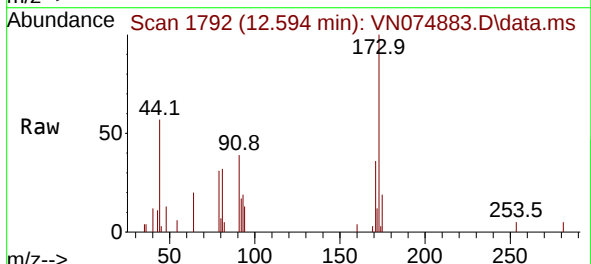
Manual Integrations
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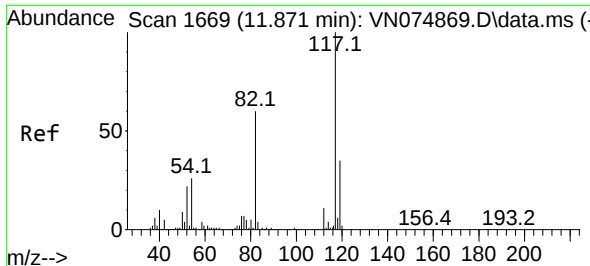
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#56
Bromoform
Concen: 2.231 ug/l m
RT: 12.594 min Scan# 1792
Delta R.T. 0.018 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

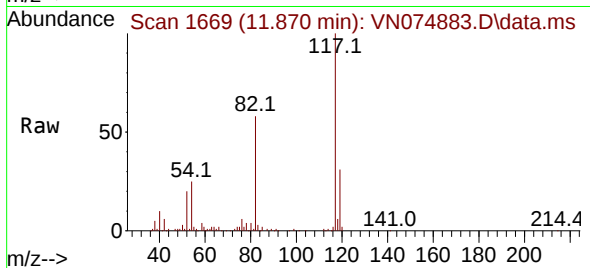
Tgt Ion:173 Resp: 9277
Ion Ratio Lower Upper
173 100
175 41.5 39.1 58.7
254 6.1 7.0 10.6#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

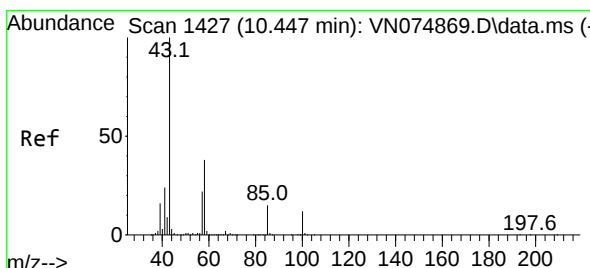
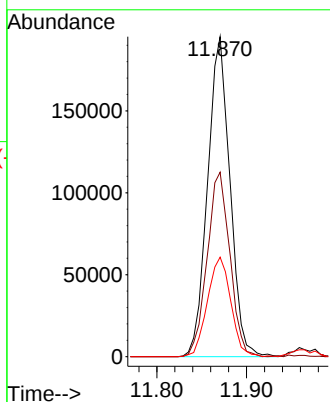
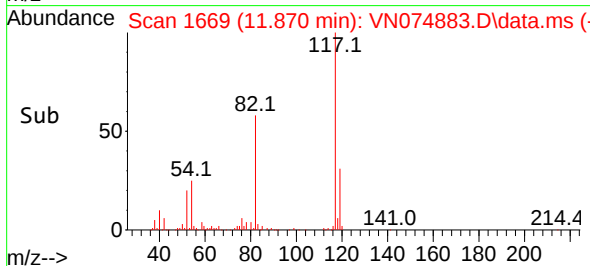
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:117 Resp: 338568
Ion Ratio Lower Upper
117 100
82 58.5 44.6 67.0
119 32.4 25.6 38.4

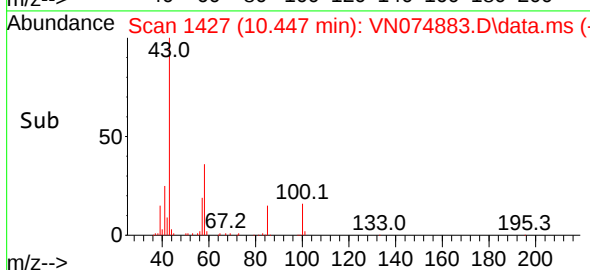
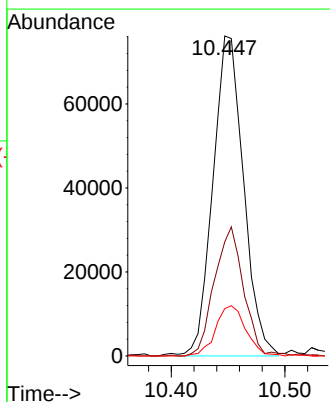
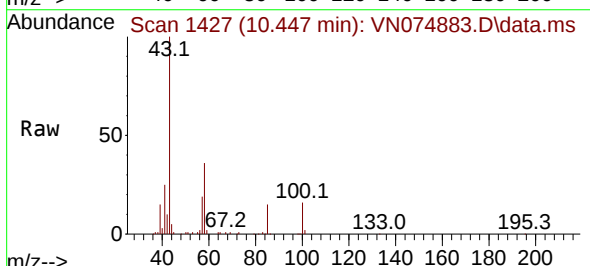
Manual Integrations
APPROVED

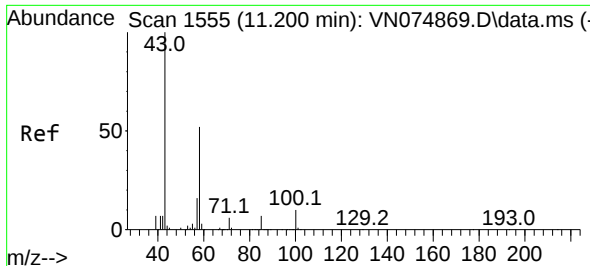
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#58
4-Methyl-2-Pentanone
Concen: 13.535 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

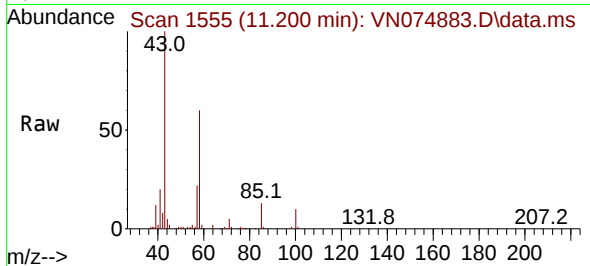
Tgt Ion: 43 Resp: 142521
Ion Ratio Lower Upper
43 100
58 37.9 30.8 46.2
85 15.4 13.3 19.9





#59
2-Hexanone
Concen: 13.091 ug/l
RT: 11.200 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

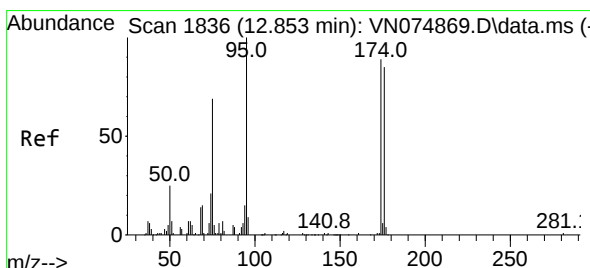
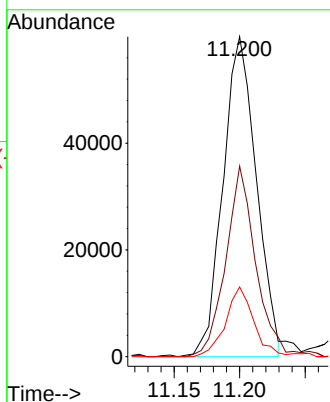
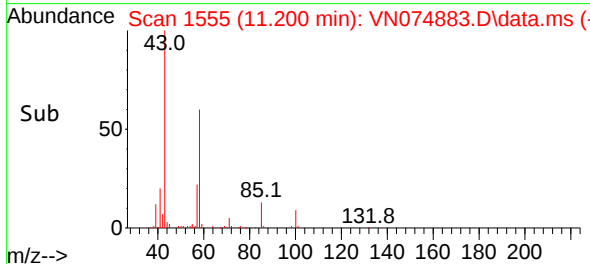
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 43 Resp: 106083
Ion Ratio Lower Upper
43 100
58 52.9 43.6 65.4
57 18.4 14.3 21.5

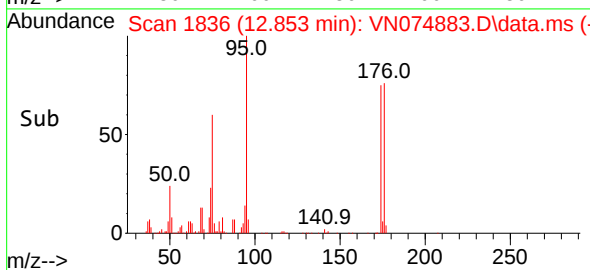
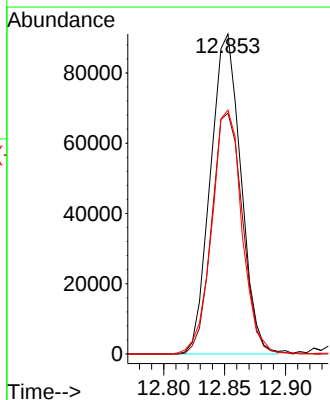
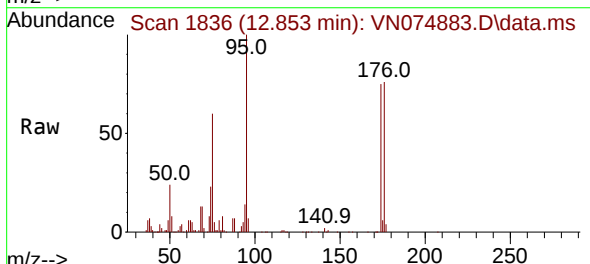
Manual Integrations
APPROVED

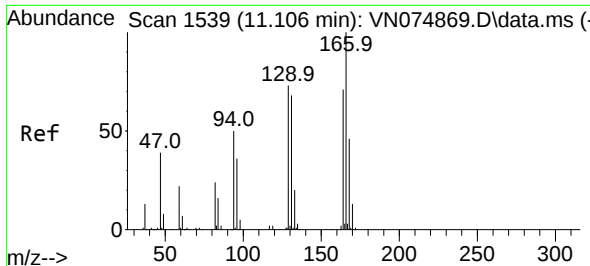
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#60
4-Bromofluorobenzene
Concen: 26.401 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

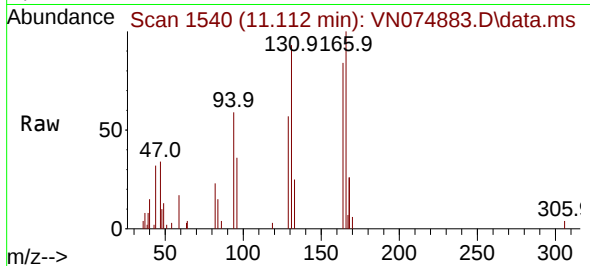
Tgt Ion: 95 Resp: 158513
Ion Ratio Lower Upper
95 100
174 76.0 57.8 86.8
176 75.3 57.0 85.4





#61
Tetrachloroethene
Concen: 2.997 ug/l m
RT: 11.112 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

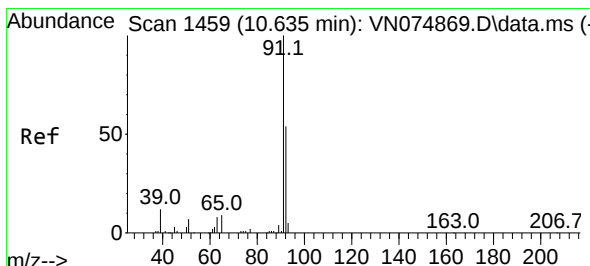
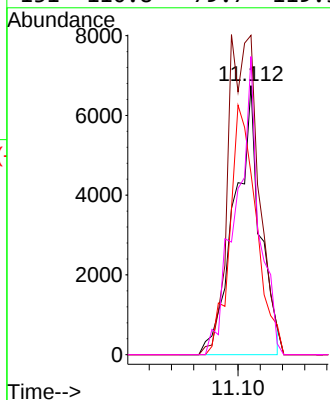
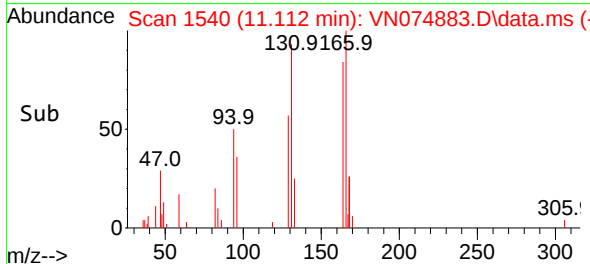
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



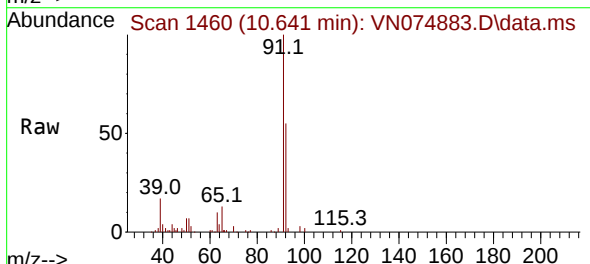
Tgt Ion:164 Resp: 10819
Ion Ratio Lower Upper
164 100
166 118.7 99.6 149.4
129 67.3 84.0 126.0
131 110.8 79.7 119.5

Manual Integrations
APPROVED

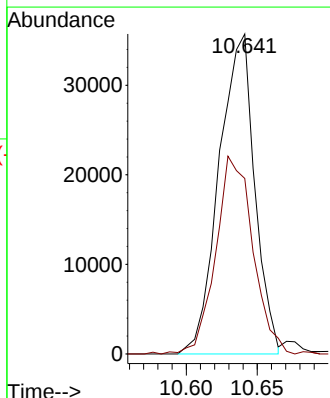
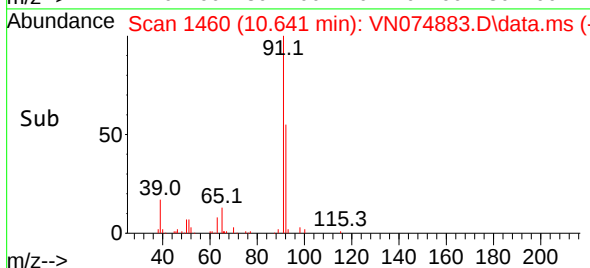
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

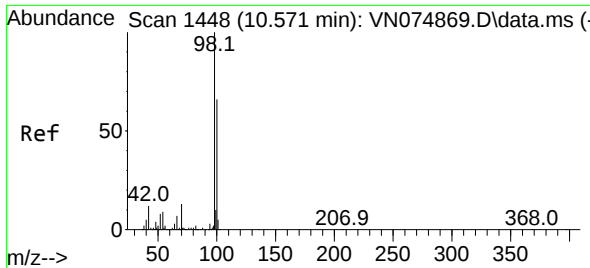


#62
Toluene
Concen: 2.664 ug/l
RT: 10.641 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21



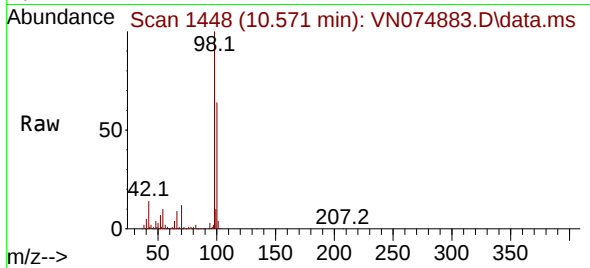
Tgt Ion: 91 Resp: 62317
Ion Ratio Lower Upper
91 100
92 64.2 46.0 69.0





#63
Toluene-d8
Concen: 31.602 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

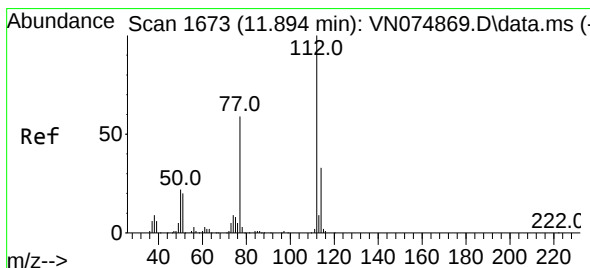
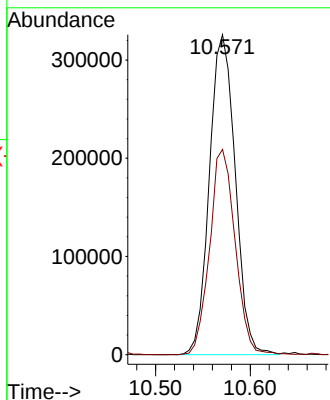
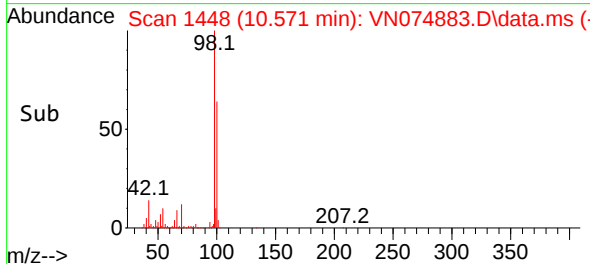
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 98 Resp: 617524
Ion Ratio Lower Upper
98 100
100 63.4 52.7 79.1

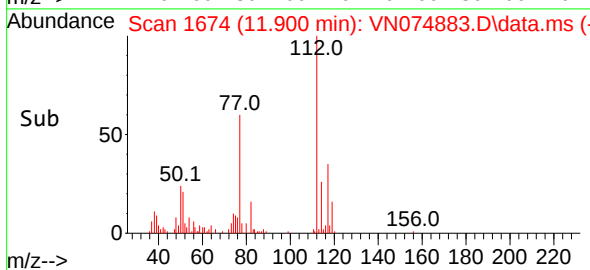
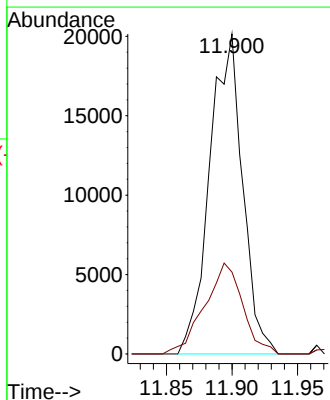
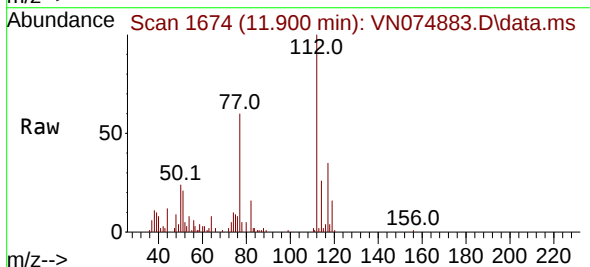
Manual Integrations
APPROVED

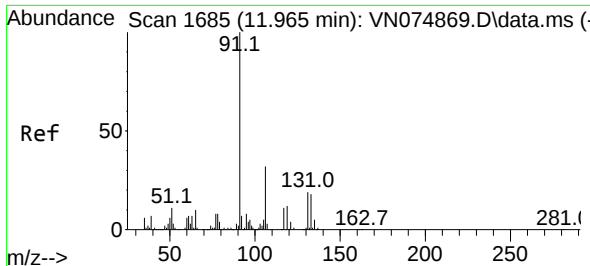
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#64
Chlorobenzene
Concen: 2.642 ug/l
RT: 11.900 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

Tgt Ion:112 Resp: 35125
Ion Ratio Lower Upper
112 100
114 25.6 24.7 37.1





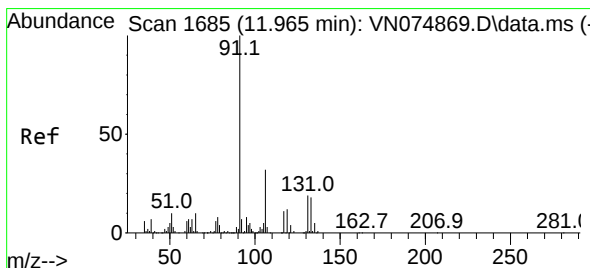
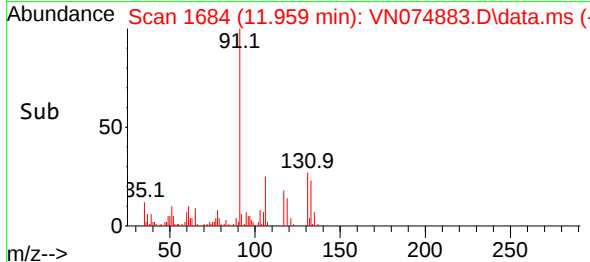
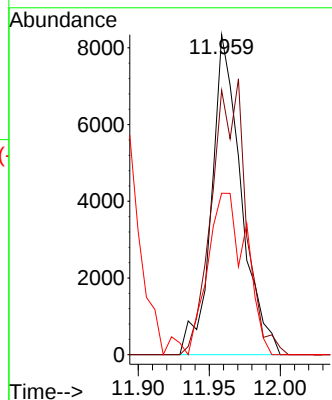
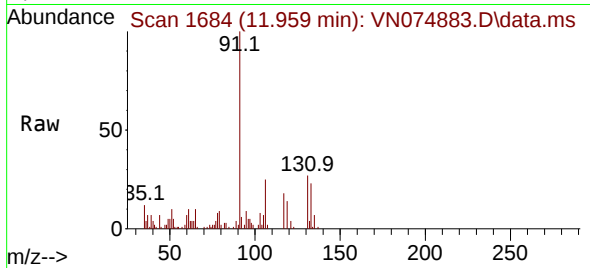
#65
1,1,1,2-Tetrachloroethane
Concen: 2.406 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

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

Tgt Ion:131 Resp: 12048
Ion Ratio Lower Upper
131 100
133 98.5 0.0 191.8
119 65.2 0.0 135.8

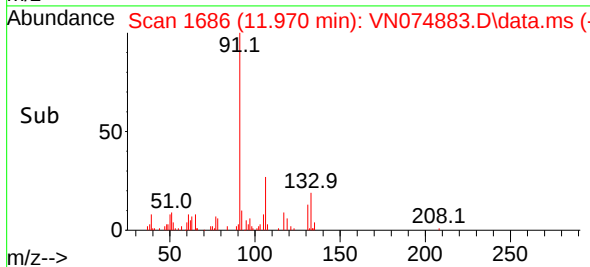
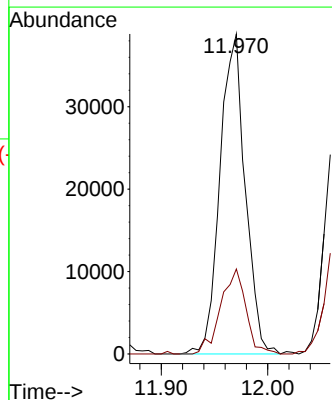
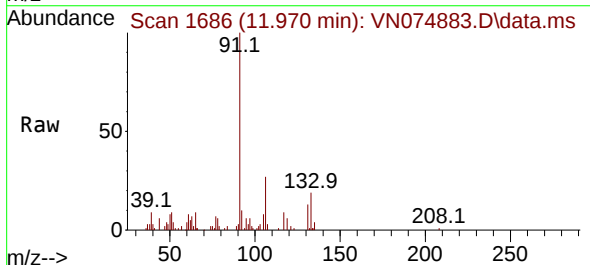
Manual Integrations
APPROVED

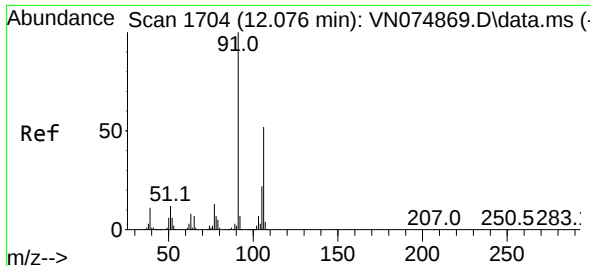
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#66
Ethyl Benzene
Concen: 2.512 ug/l
RT: 11.970 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

Tgt Ion: 91 Resp: 63887
Ion Ratio Lower Upper
91 100
106 26.5 24.1 36.1





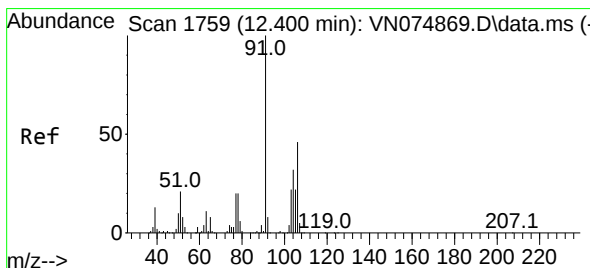
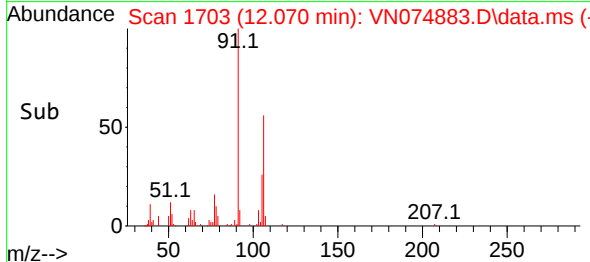
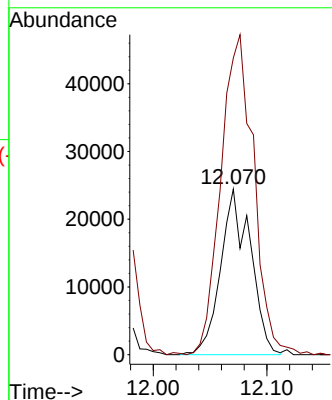
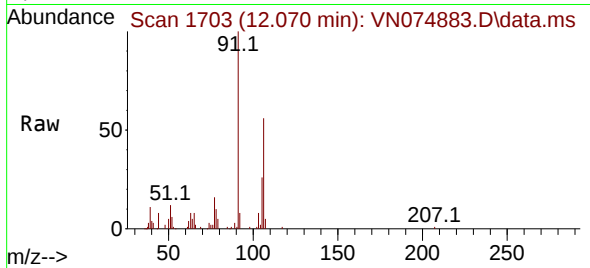
#67
m/p-Xylenes
Concen: 4.677 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

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

Tgt Ion:106 Resp: 44694
Ion Ratio Lower Upper
106 100
91 212.6 164.2 246.4

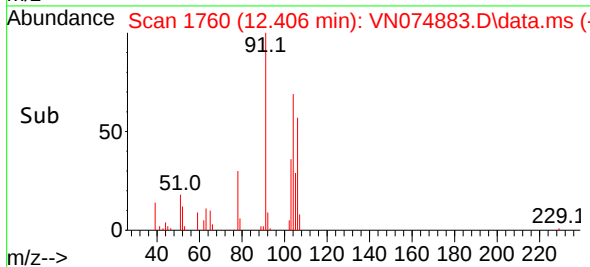
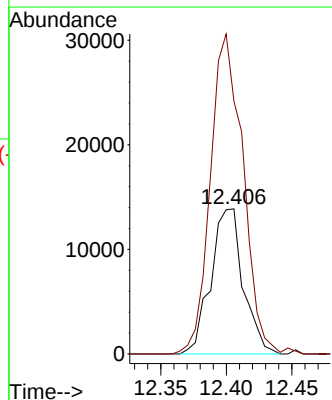
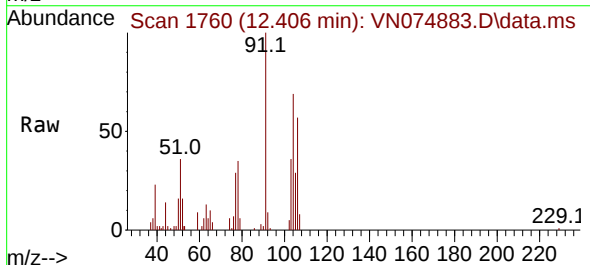
Manual Integrations
APPROVED

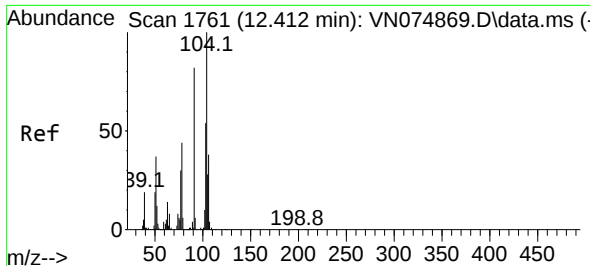
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#68
o-Xylene
Concen: 2.466 ug/l
RT: 12.406 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

Tgt Ion:106 Resp: 23951
Ion Ratio Lower Upper
106 100
91 220.3 108.5 325.5





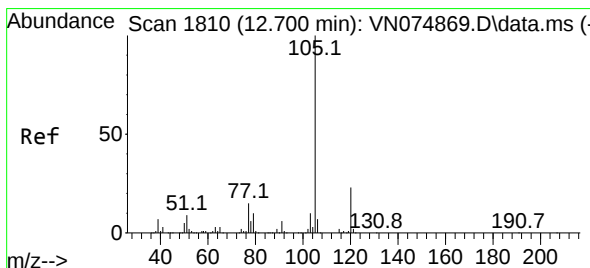
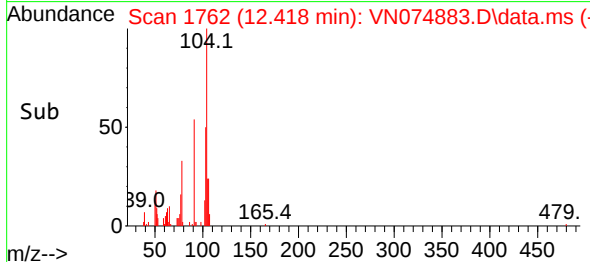
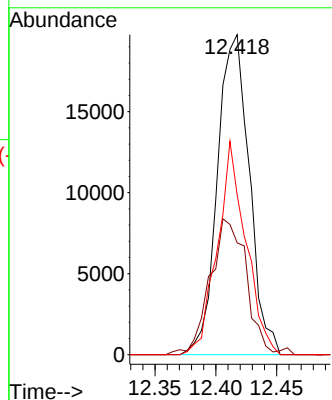
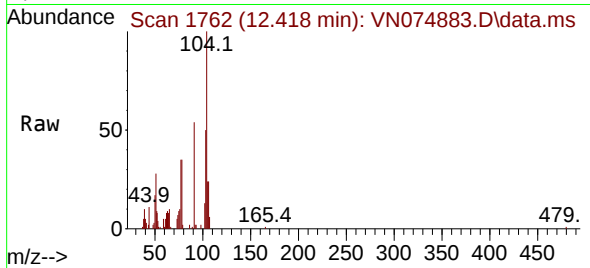
#69
Styrene
Concen: 2.264 ug/l
RT: 12.418 min Scan# 1761
Delta R.T. 0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

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

Tgt Ion:104 Resp: 35984
Ion Ratio Lower Upper
104 100
78 47.2 39.9 59.9
103 59.8 43.8 65.8

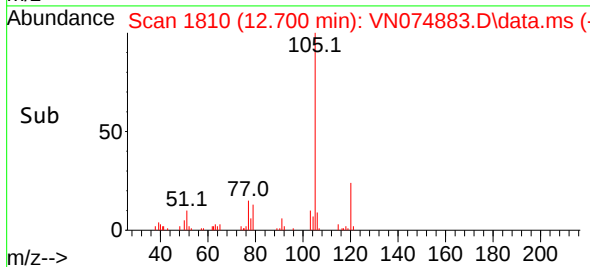
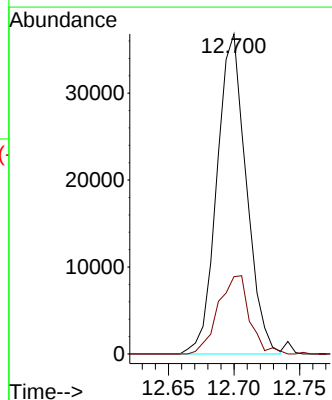
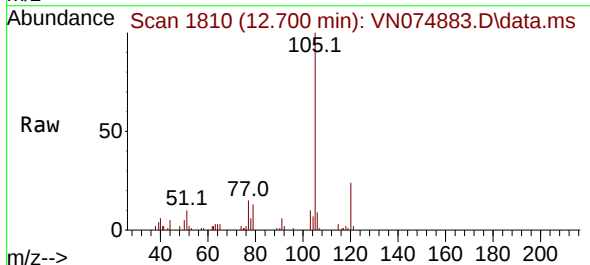
Manual Integrations
APPROVED

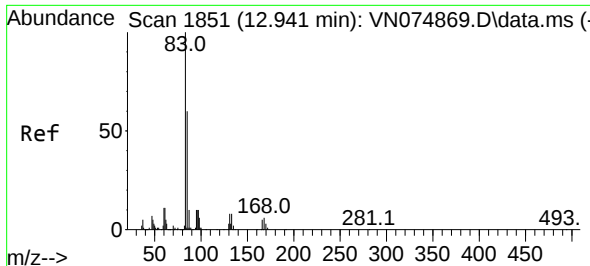
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#70
Isopropylbenzene
Concen: 2.286 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

Tgt Ion:105 Resp: 57257
Ion Ratio Lower Upper
105 100
120 25.5 18.5 34.3





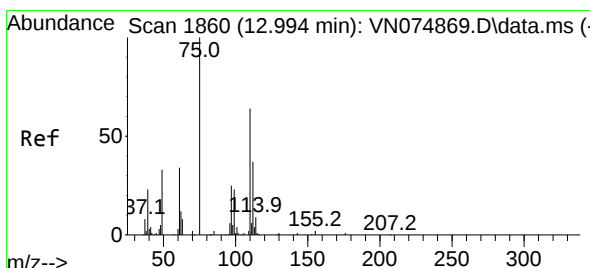
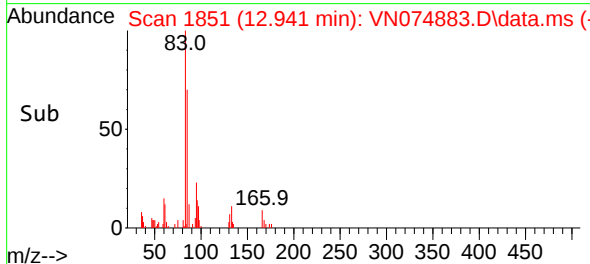
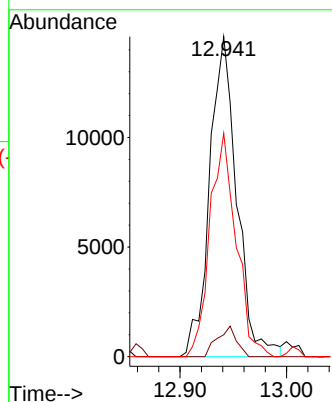
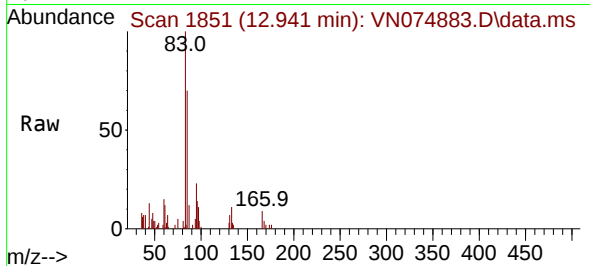
#71
1,1,2,2-Tetrachloroethane
Concen: 2.765 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

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

Tgt Ion: 83 Resp: 2591
Ion Ratio Lower Upper
83 100
131 6.7 4.5 13.5
85 66.3 30.9 92.7

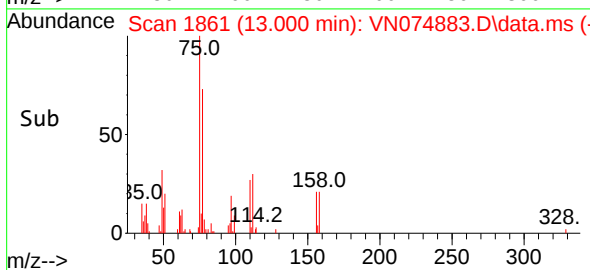
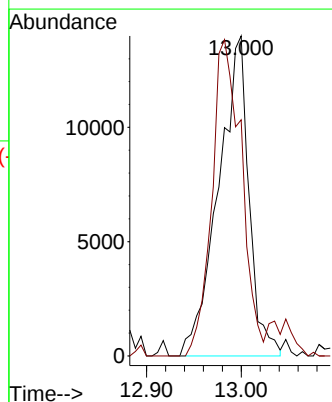
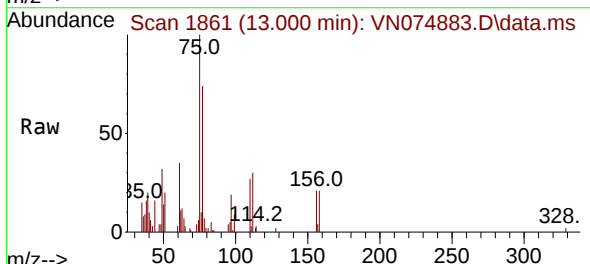
Manual Integrations
APPROVED

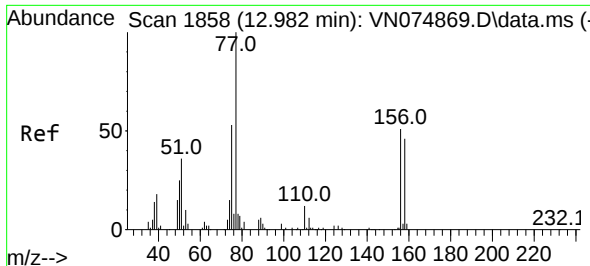
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#72
1,2,3-Trichloropropane
Concen: 3.978 ug/l
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

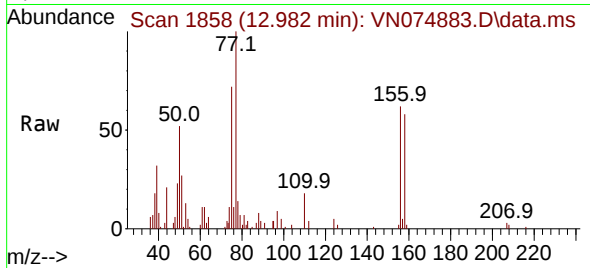
Tgt Ion: 75 Resp: 31314
Ion Ratio Lower Upper
75 100
77 96.2 0.0 372.4





#73
Bromobenzene
Concen: 2.490 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

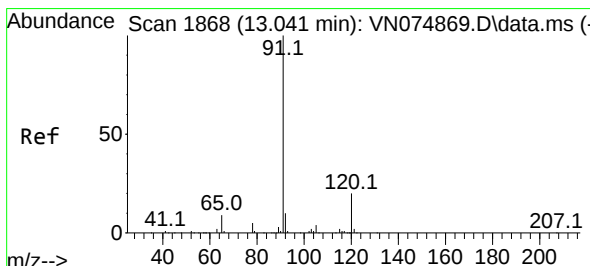
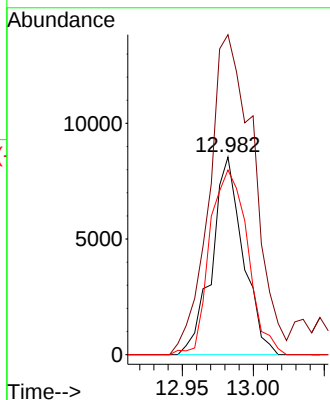
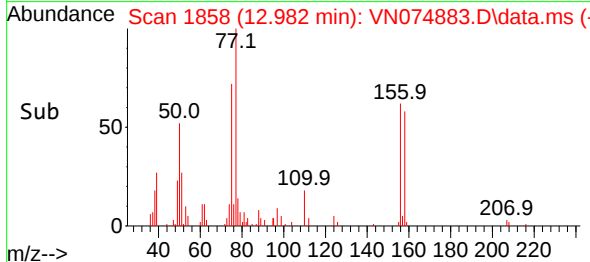
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:156 Resp: 13072
Ion Ratio Lower Upper
156 100
77 230.4 0.0 491.8
158 112.4 0.0 185.0

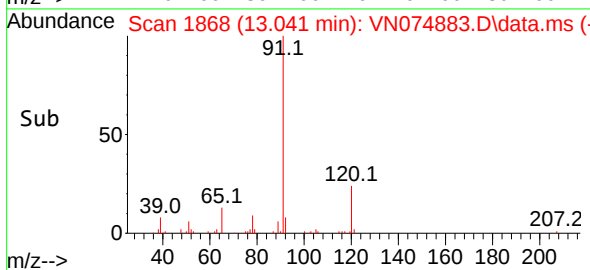
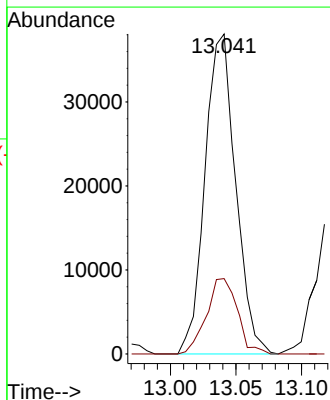
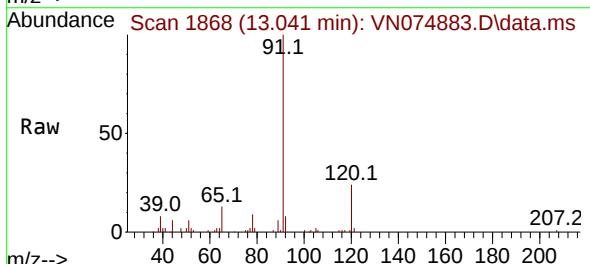
Manual Integrations
APPROVED

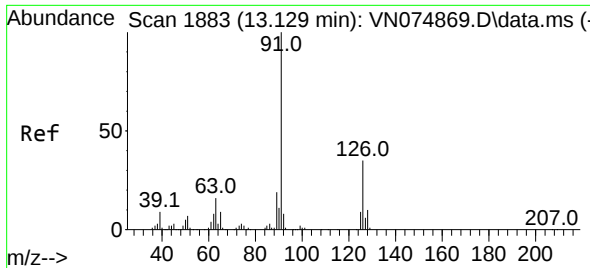
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#74
n-propylbenzene
Concen: 2.122 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

Tgt Ion: 91 Resp: 61967
Ion Ratio Lower Upper
91 100
120 23.0 0.0 44.6





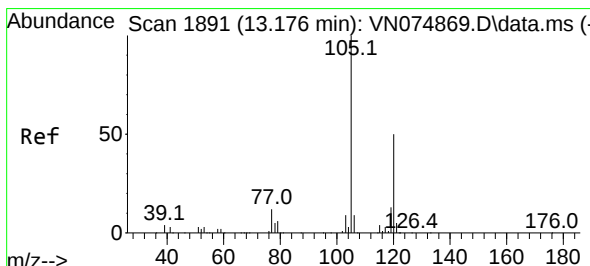
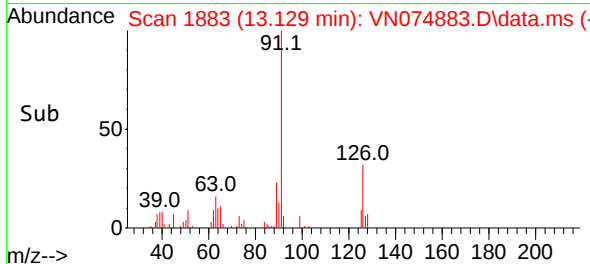
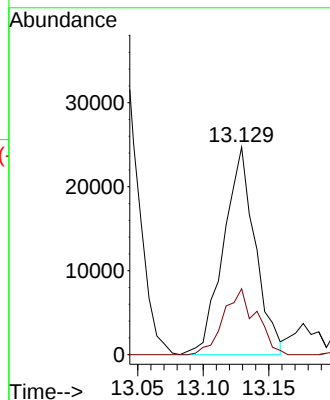
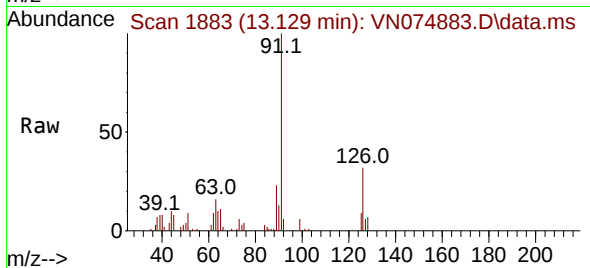
#75
2-Chlorotoluene
Concen: 2.434 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

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

Tgt Ion: 91 Resp: 4159
Ion Ratio Lower Upper
91 100
126 33.1 0.0 66.2

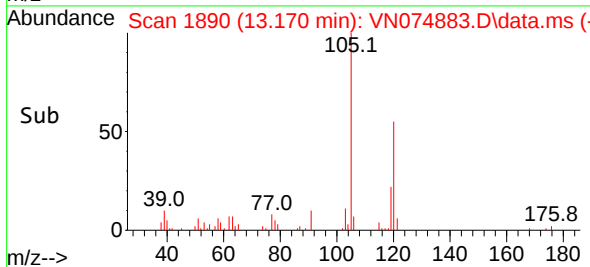
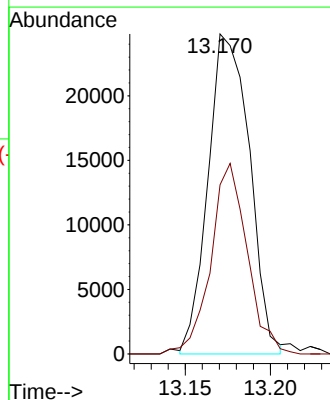
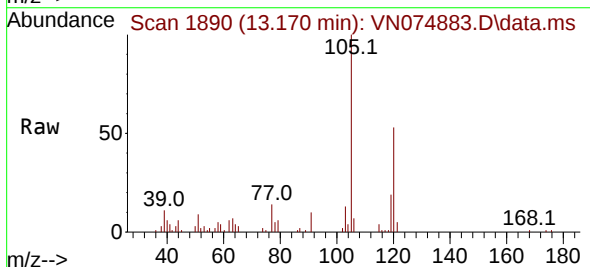
Manual Integrations
APPROVED

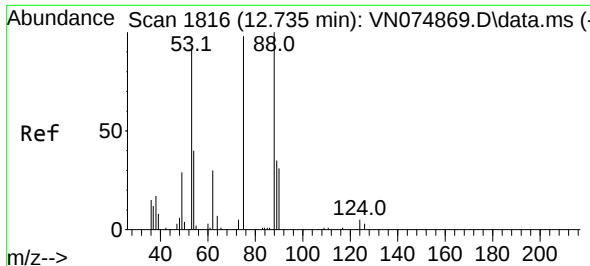
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#76
1,3,5-Trimethylbenzene
Concen: 2.057 ug/l
RT: 13.170 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

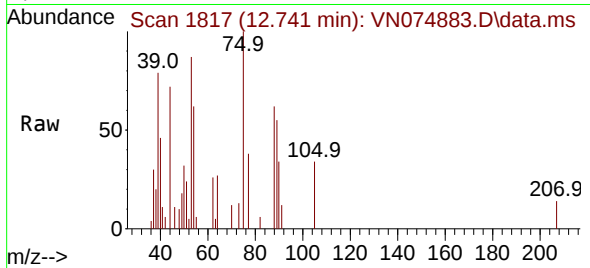
Tgt Ion:105 Resp: 41879
Ion Ratio Lower Upper
105 100
120 52.3 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 2.224 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

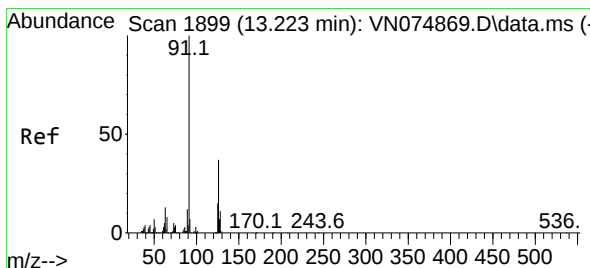
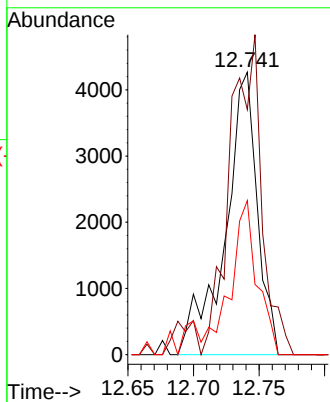
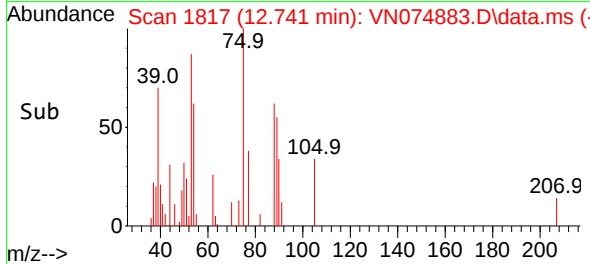
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 75 Resp: 7274
Ion Ratio Lower Upper
75 100
53 75.0 43.3 129.9
89 54.5 21.1 63.1

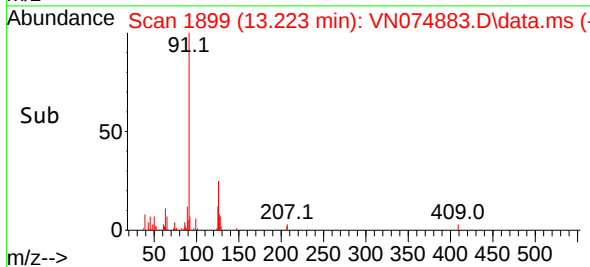
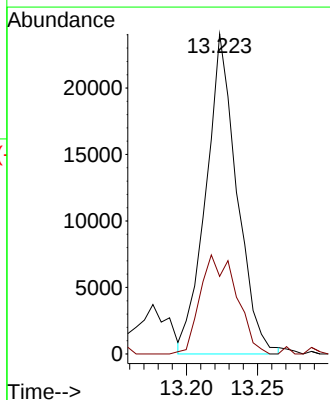
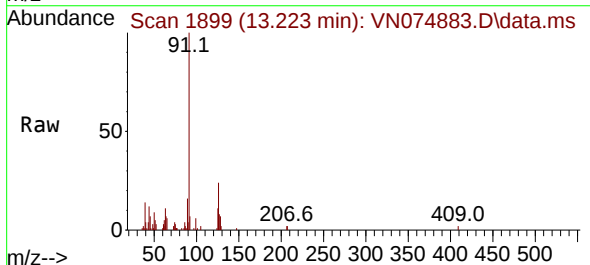
Manual Integrations
APPROVED

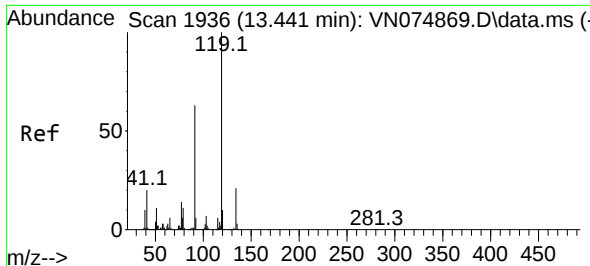
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#78
4-Chlorotoluene
Concen: 2.241 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

Tgt Ion: 91 Resp: 36546
Ion Ratio Lower Upper
91 100
126 36.0 0.0 67.8





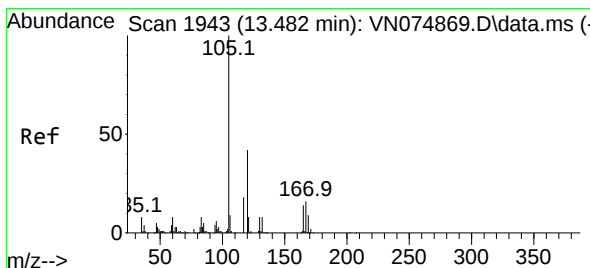
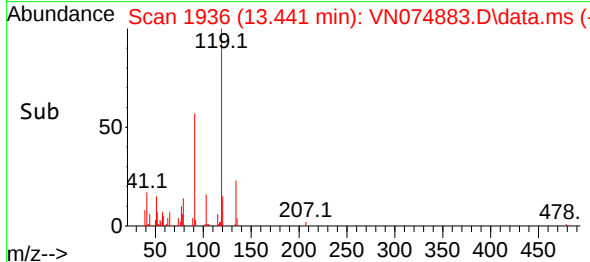
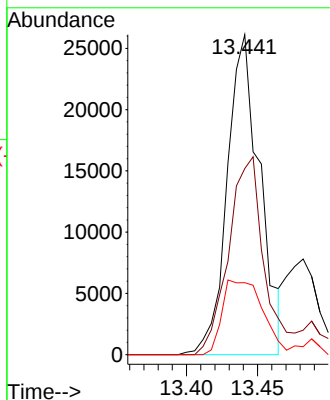
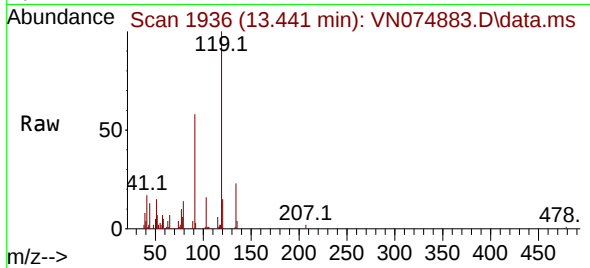
#79
tert-butylbenzene
Concen: 2.300 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

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

Tgt Ion:119 Resp: 41640
Ion Ratio Lower Upper
119 100
91 67.5 0.0 129.0
134 12.6 0.0 52.2

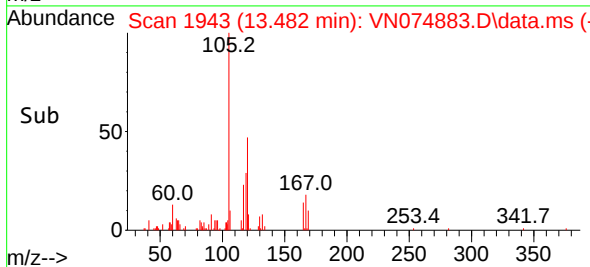
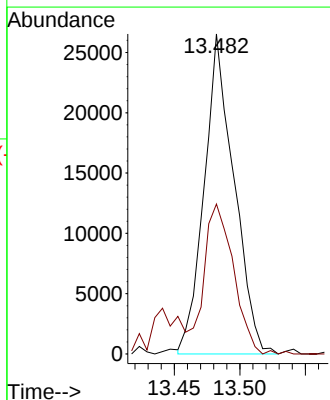
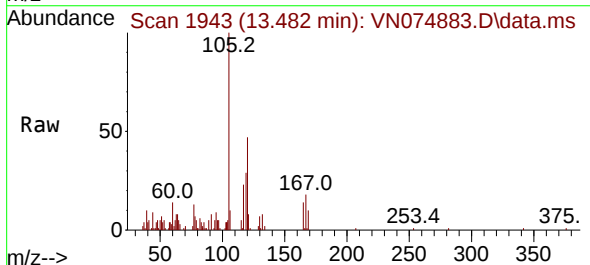
Manual Integrations
APPROVED

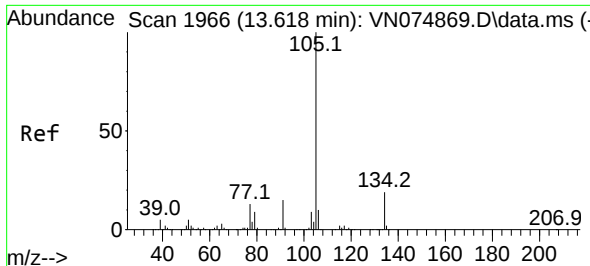
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#80
1,2,4-Trimethylbenzene
Concen: 2.050 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

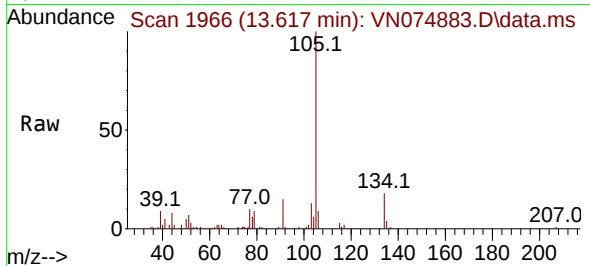
Tgt Ion:105 Resp: 41980
Ion Ratio Lower Upper
105 100
120 46.0 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 2.151 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074883.D
 Acq: 12 Oct 2022 18:21

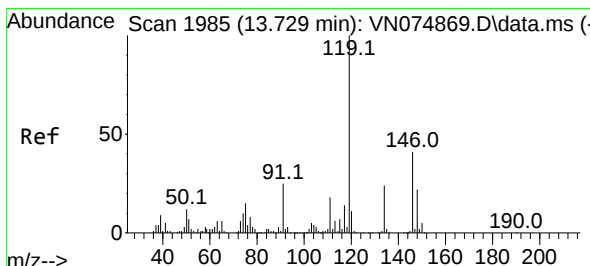
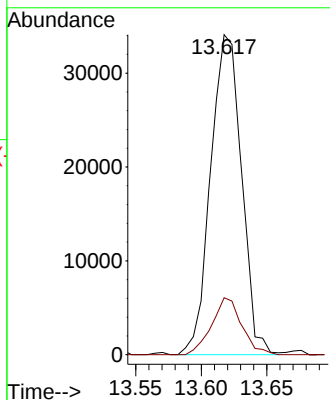
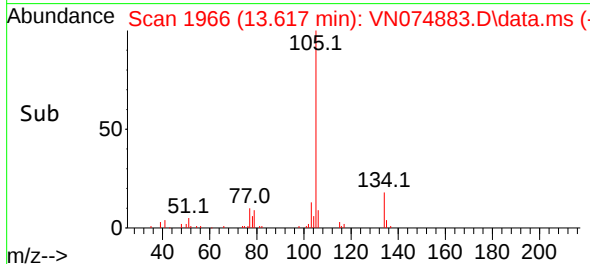
Instrument : MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022



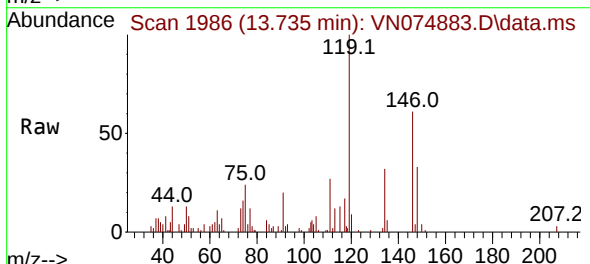
Tgt Ion:105 Resp: 5597
 Ion Ratio Lower Upper
 105 100
 134 17.3 0.0 38.8

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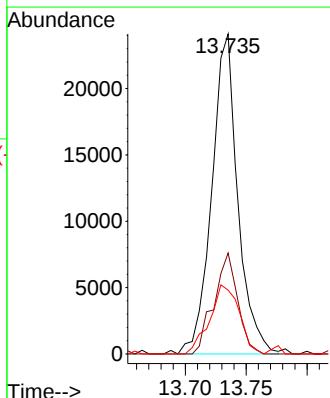
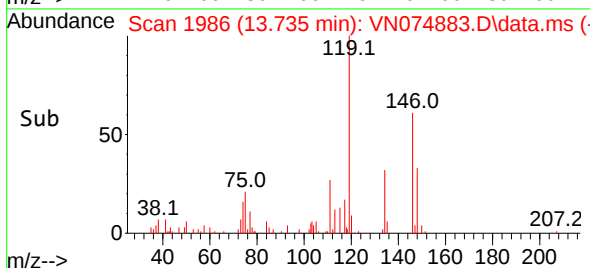
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022

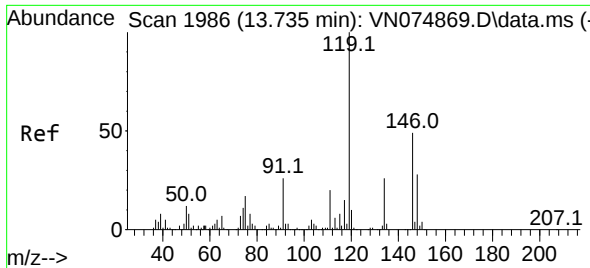


#82
 p-Isopropyltoluene
 Concen: 1.732 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN074883.D
 Acq: 12 Oct 2022 18:21



Tgt Ion:119 Resp: 35810
 Ion Ratio Lower Upper
 119 100
 134 28.8 0.0 51.4
 91 24.4 0.0 46.8





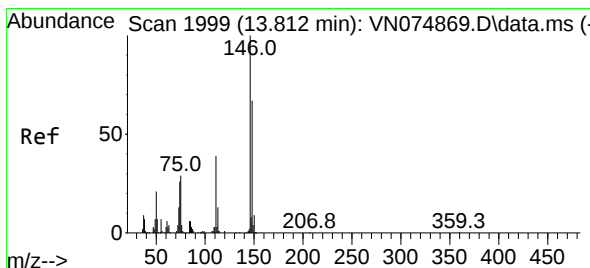
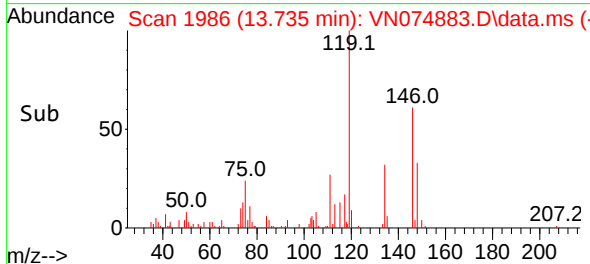
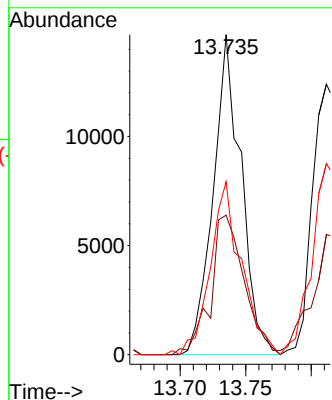
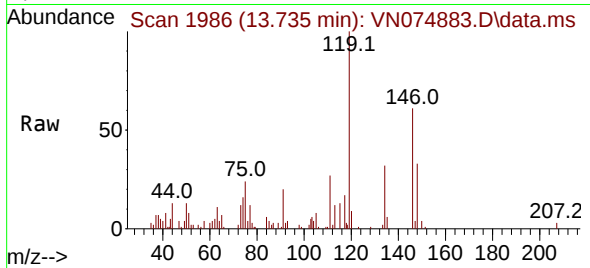
#83
1,3-Dichlorobenzene
Concen: 2.119 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

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

Tgt Ion:146 Resp: 21704
Ion Ratio Lower Upper
146 100
111 43.7 20.5 61.5
148 59.9 31.0 93.0

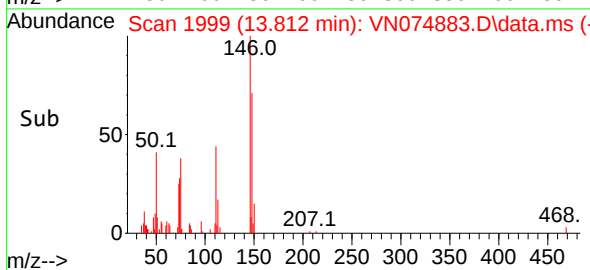
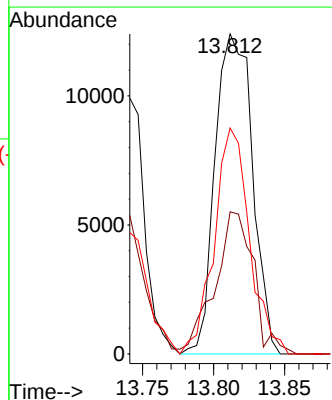
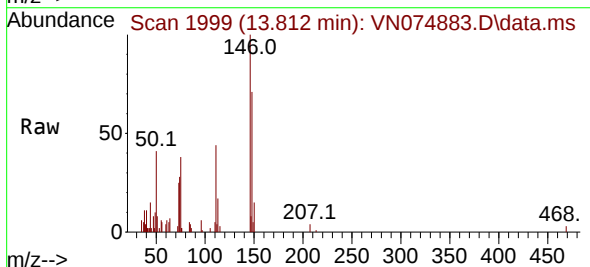
Manual Integrations
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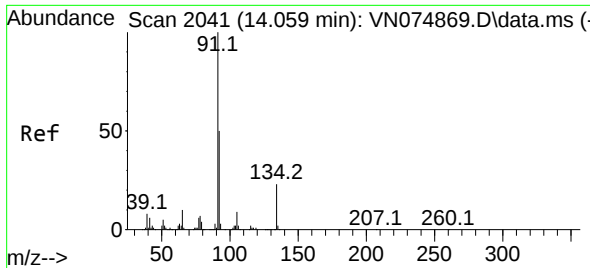
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#84
1,4-Dichlorobenzene
Concen: 2.308 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

Tgt Ion:146 Resp: 22705
Ion Ratio Lower Upper
146 100
111 43.9 19.1 57.5
148 66.7 31.7 95.1





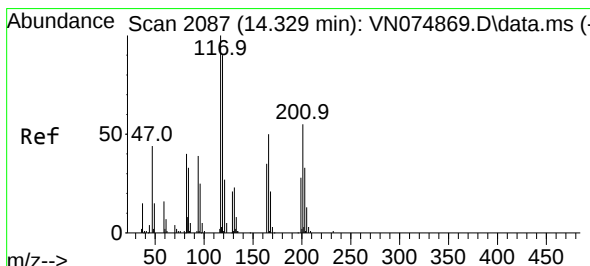
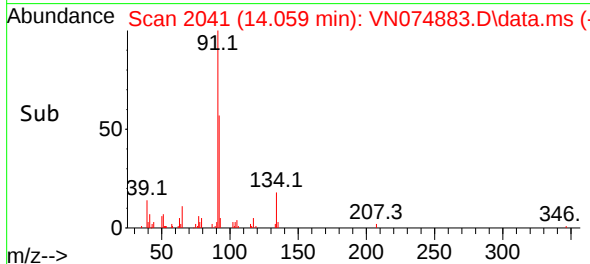
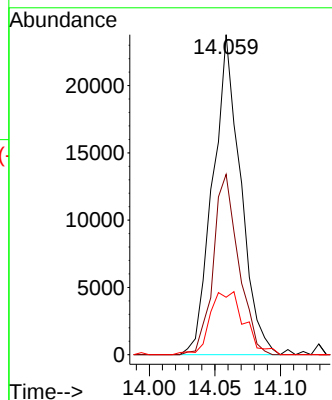
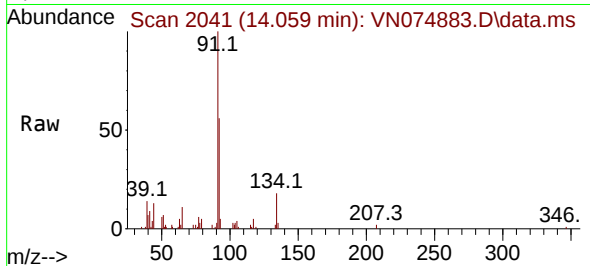
#85
n-Butylbenzene
Concen: 1.913 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

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

Tgt Ion: 91	Resp: 3491
Ion Ratio	Lower Upper
91 100	
92 51.3	0.0 105.4
134 23.4	0.0 46.4

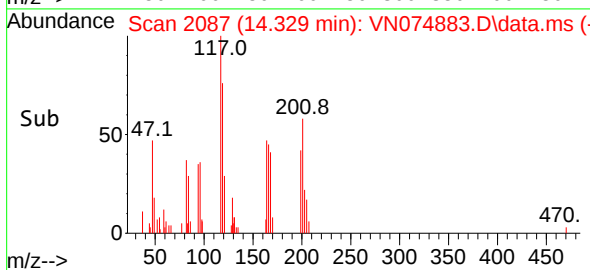
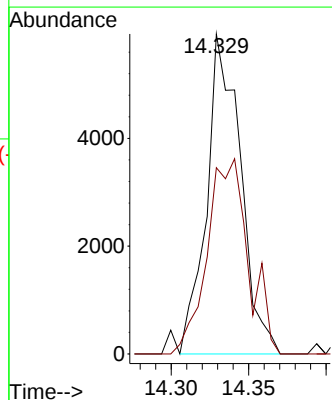
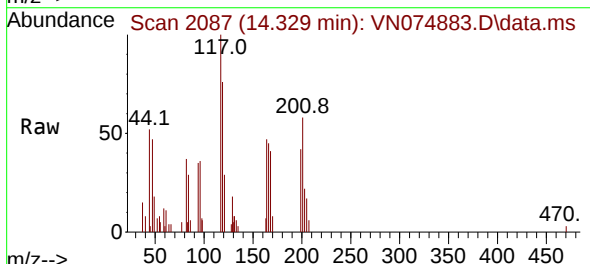
Manual Integrations
APPROVED

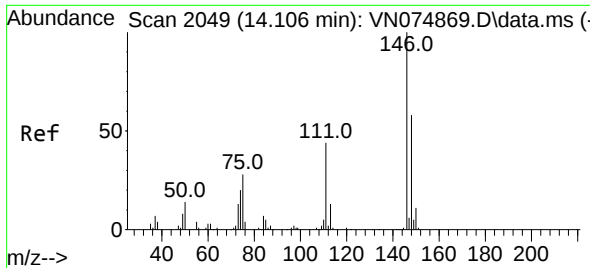
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#86
Hexachloroethane
Concen: 2.229 ug/l
RT: 14.329 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

Tgt Ion: 117	Resp: 9027
Ion Ratio	Lower Upper
117 100	
201 73.8	29.4 88.3





#87

1,2-Dichlorobenzene

Concen: 2.215 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN074883.D

Acq: 12 Oct 2022 18:21

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

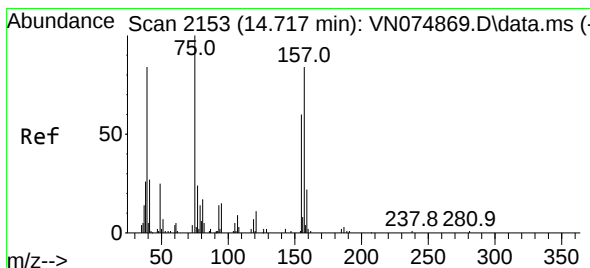
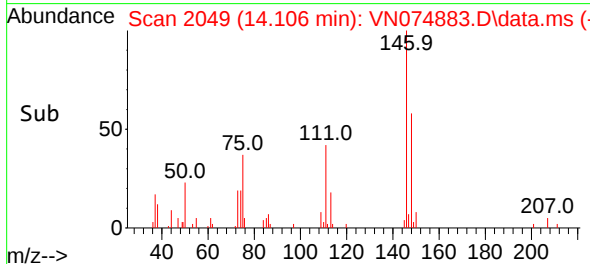
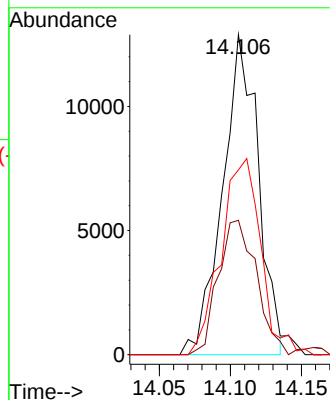
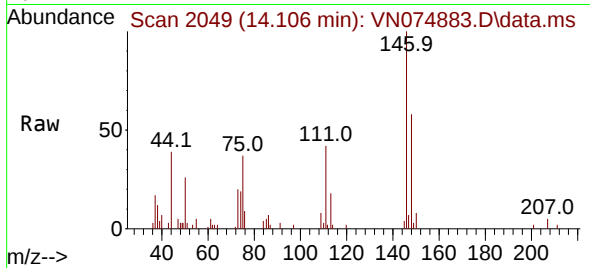
Tgt Ion:146	Resp:	2252
Ion Ratio	Lower	Upper
146	100	
111	44.9	21.4 64.2
148	66.6	30.6 92.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 2.707 ug/l

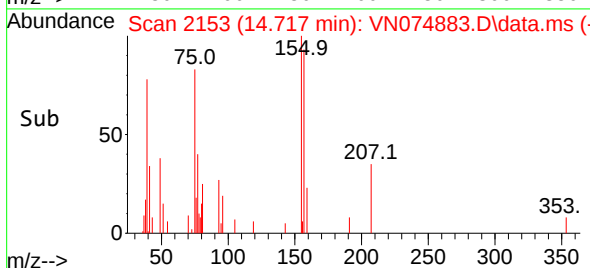
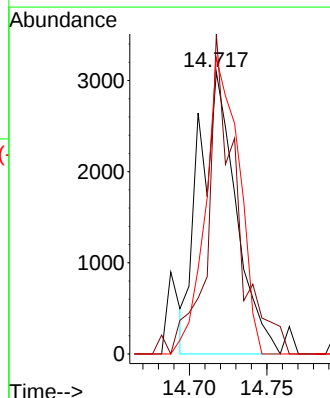
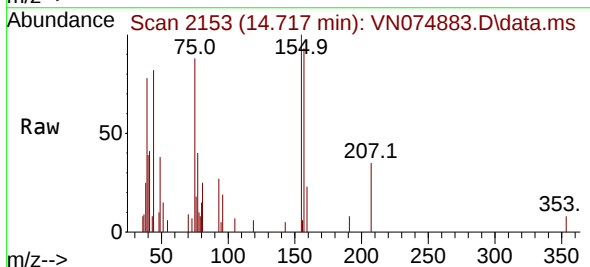
RT: 14.717 min Scan# 2153

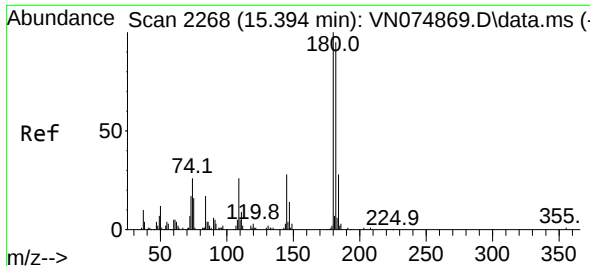
Delta R.T. -0.000 min

Lab File: VN074883.D

Acq: 12 Oct 2022 18:21

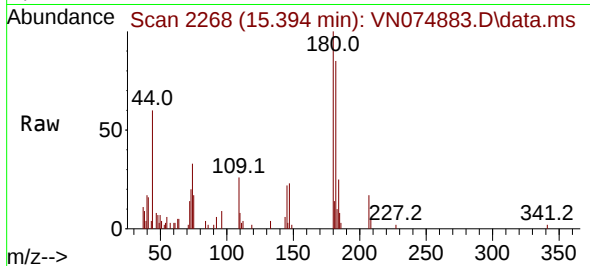
Tgt Ion: 75	Resp:	5119
Ion Ratio	Lower	Upper
75	100	
155	74.6	66.3 99.5
157	95.7	84.3 126.5





#89
1,2,4-Trichlorobenzene
Concen: 2.629 ug/l
RT: 15.394 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

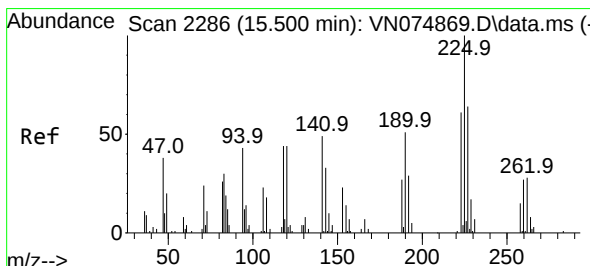
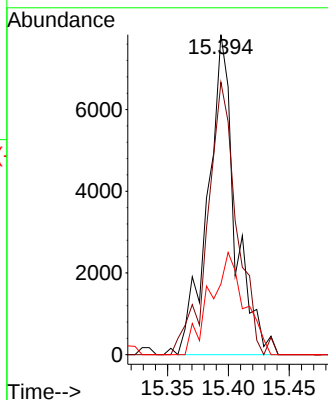
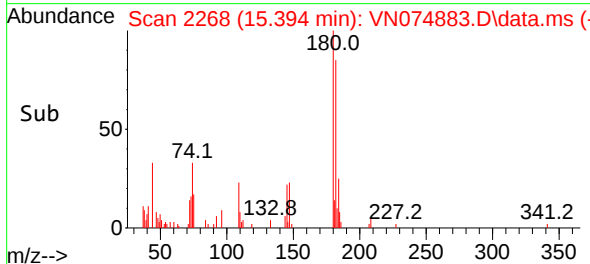
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



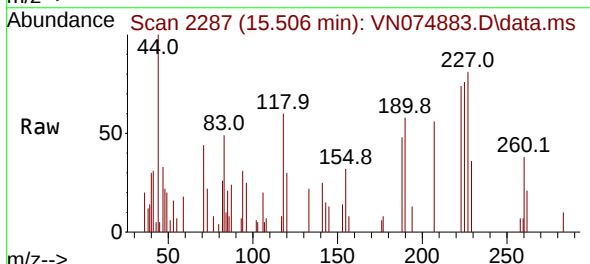
Tgt Ion:180 Resp: 1221
Ion Ratio Lower Upper
180 100
182 81.1 74.9 112.3
145 28.4 26.3 39.5

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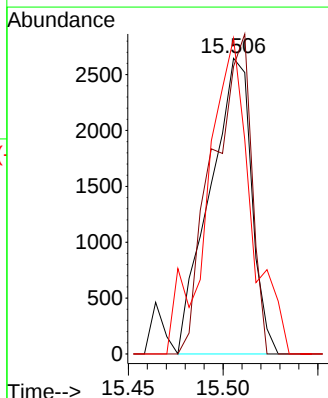
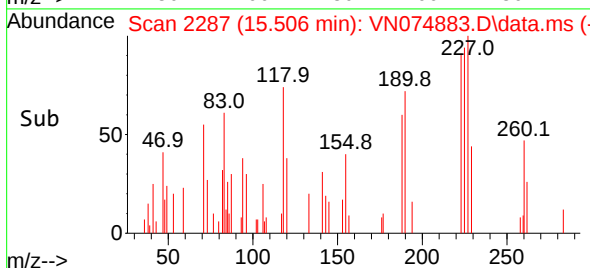
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

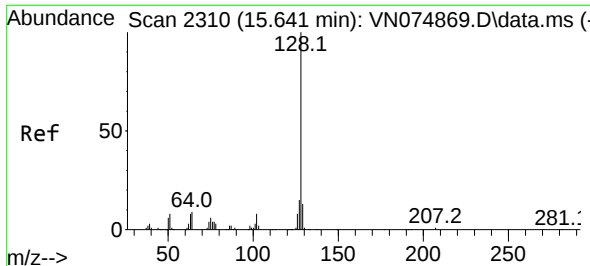


#90
Hexachlorobutadiene
Concen: 1.788 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21



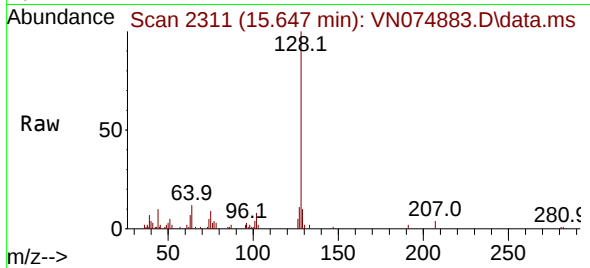
Tgt Ion:225 Resp: 4049
Ion Ratio Lower Upper
225 100
223 100.3 0.0 125.0
227 75.0 0.0 123.0





#91
Naphthalene
Concen: 3.097 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21

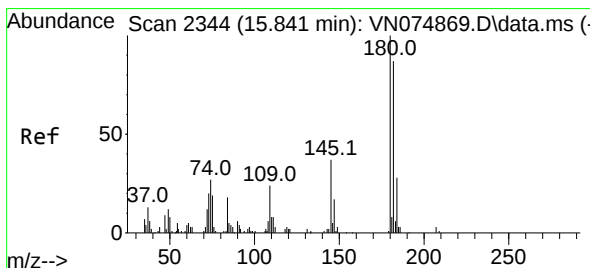
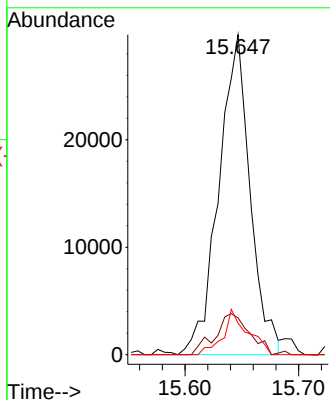
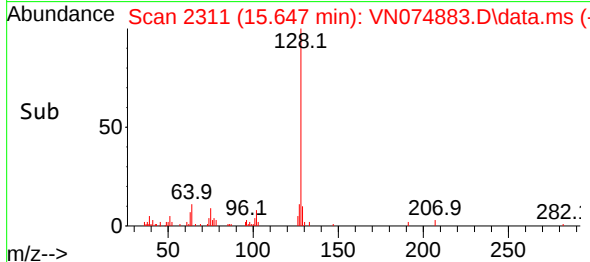
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



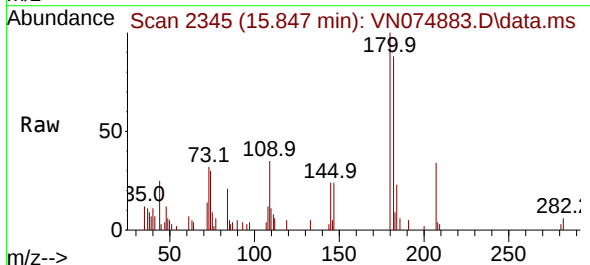
Tgt Ion:128 Resp: 5707
Ion Ratio Lower Upper
128 100
127 11.9 10.7 16.1
129 11.1 8.9 13.3

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 3.280 ug/l m
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN074883.D
Acq: 12 Oct 2022 18:21



Tgt Ion:180 Resp: 15936
Ion Ratio Lower Upper
180 100
182 82.9 0.0 185.4
145 21.5 0.0 68.6

