

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
 Data File : VN074638.D
 Acq On : 27 Sep 2022 19:41
 Operator : JC\MD
 Sample : N3980-07 LOD 4.0
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

Quant Time: Sep 28 08:08:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:48:31 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

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

Internal Standards						
1) Bromochloromethane	7.492	128	98513	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.828	114	584389	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.616	117	509258	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.292	65	291603	31.393	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.633%			
60) 4-Bromofluorobenzene	12.610	95	258712	26.153	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 87.167%			
63) Toluene-d8	10.316	98	909960	31.678	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 105.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.999	85	28610	4.942	ug/l	94
3) Chloromethane	2.216	50	51156	6.017	ug/l	90
4) Vinyl Chloride	2.351	62	65221m	5.992	ug/l	
5) Bromomethane	2.740	94	48733	6.946	ug/l	92
6) Chloroethane	2.887	64	39127	5.086	ug/l #	89
7) Trichlorofluoromethane	3.234	101	50320	4.978	ug/l	86
8) Diethyl Ether	3.687	74	25771	4.833	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.051	101	30775m	4.748	ug/l	
10) 1,1-Dichloroethene	4.022	96	30254m	4.527	ug/l	
11) Methyl Iodide	4.257	142	34398	4.019	ug/l	94
12) Methyl Acetate	4.669	43	75761	5.295	ug/l	97
13) Acrolein	3.887	56	35411m	30.408	ug/l	
14) Acrylonitrile	5.369	53	140785m	24.276	ug/l	
15) Acetone	4.134	58	37862	24.857	ug/l	76
16) Carbon Disulfide	4.357	76	90192	4.802	ug/l	96
17) Allyl chloride	4.645	41	71319m	5.233	ug/l	
18) Methylene Chloride	4.910	84	46182m	5.421	ug/l	
19) trans-1,2-Dichloroethene	5.410	96	33452m	4.429	ug/l	
20) Diisopropyl ether	6.310	45	136124	4.567	ug/l #	96
21) 1,1-Dichloroethane	6.198	63	70121	4.658	ug/l	100
22) cis-1,2-Dichloroethene	7.145	96	47086	5.167	ug/l #	82
23) tert-Butyl Alcohol	5.181	59	70538m	29.539	ug/l	
24) Methyl tert-Butyl Ether	5.410	73	123576	4.463	ug/l #	83
25) Chloroform	7.657	83	63929	4.284	ug/l #	81
26) Cyclohexane	7.939	56	66688	4.926	ug/l #	95
29) 1,1-Dichloropropene	8.069	75	47502	4.352	ug/l	95
30) 2-Butanone	7.163	43	200810	24.114	ug/l #	77
31) 2,2-Dichloropropane	7.151	77	57956m	4.448	ug/l	
32) 1,1,1-Trichloroethane	7.845	97	58261	4.518	ug/l #	73
33) Carbon Tetrachloride	8.045	117	45214	4.192	ug/l	90
34) Benzene	8.310	78	156758	4.338	ug/l #	66
35) Methacrylonitrile	7.469	41	39536m	4.990	ug/l	
36) 1,2-Dichloroethane	8.386	62	51818	4.392	ug/l	95
37) Trichloroethene	9.075	130	34436	4.488	ug/l	95
38) Methylcyclohexane	9.322	83	61662	4.365	ug/l	95
39) 1,2-Dichloropropane	9.357	63	42706	4.464	ug/l	91
40) Dibromomethane	9.439	93	26171	4.240	ug/l	98
41) Bromodichloromethane	9.627	83	55145	4.494	ug/l	93
42) Vinyl Acetate	6.245	43	612004m	22.608	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.251	43	76642	4.752	ug/l	#	85
44) Isopropyl Acetate	8.422	43	121886m	4.654	ug/l		
45) 1,4-Dioxane	9.427	88	23538m	105.312	ug/l		
46) Methyl methacrylate	9.427	41	53767	4.929	ug/l		85
47) n-amyl Acetate	12.268	43	98024	4.089	ug/l		99
48) t-1,3-Dichloropropene	10.592	75	59194	3.974	ug/l		95
49) cis-1,3-Dichloropropene	10.063	75	60585	3.908	ug/l	#	76
50) 1,1,2-Trichloroethane	10.780	97	38581	4.299	ug/l		94
51) Ethyl methacrylate	10.639	69	69261	4.116	ug/l		93
52) 1,3-Dichloropropane	10.922	76	69264	4.354	ug/l		98
53) Dibromochloromethane	11.116	129	35669	3.761	ug/l		96
54) 1,2-Dibromoethane	11.227	107	37940	4.086	ug/l		93
55) 2-Chloroethyl vinyl ether	9.916	63	129877	19.887	ug/l		96
56) Bromoform	12.339	173	24514	3.307	ug/l	#	96
58) 4-Methyl-2-Pentanone	10.204	43	389135	24.622	ug/l		97
59) 2-Hexanone	10.963	43	298581	24.393	ug/l		96
61) Tetrachloroethene	10.851	164	25673	4.519	ug/l		93
62) Toluene	10.374	91	164227	4.404	ug/l		99
64) Chlorobenzene	11.645	112	89028	4.166	ug/l		97
65) 1,1,1,2-Tetrachloroethane	11.716	131	30935	3.853	ug/l		85
66) Ethyl Benzene	11.721	91	168096	4.245	ug/l		99
67) m/p-Xylenes	11.827	106	119842	7.538	ug/l		93
68) o-Xylene	12.163	106	63064	3.896	ug/l		97
69) Styrene	12.168	104	95770	3.517	ug/l		97
70) Isopropylbenzene	12.457	105	154047	3.730	ug/l		97
71) 1,1,2,2-Tetrachloroethane	12.704	83	64633	4.409	ug/l		91
72) 1,2,3-Trichloropropane	12.763	75	54099	4.875	ug/l	#	1
73) Bromobenzene	12.739	156	32614	3.930	ug/l		97
74) n-propylbenzene	12.798	91	169301	3.638	ug/l		99
75) 2-Chlorotoluene	12.886	91	108351	3.838	ug/l		98
76) 1,3,5-Trimethylbenzene	12.939	105	127209	3.653	ug/l		94
77) t-1,4-Dichloro-2-butene	12.498	75	20820	3.622	ug/l		98
78) 4-Chlorotoluene	12.980	91	93882	3.319	ug/l		97
79) tert-butylbenzene	13.204	119	107499	3.528	ug/l		99
80) 1,2,4-Trimethylbenzene	13.245	105	116272	3.381	ug/l		99
81) sec-Butylbenzene	13.380	105	140557	3.259	ug/l		99
82) p-Isopropyltoluene	13.492	119	111890	3.154	ug/l		99
83) 1,3-Dichlorobenzene	13.492	146	54722	3.209	ug/l		99
84) 1,4-Dichlorobenzene	13.574	146	52803	3.113	ug/l		95
85) n-Butylbenzene	13.821	91	92247	3.047	ug/l		99
86) Hexachloroethane	14.086	117	28715	4.202	ug/l		94
87) 1,2-Dichlorobenzene	13.862	146	53398	3.061	ug/l		91
88) 1,2-Dibromo-3-Chloropr...	14.480	75	11256	3.666	ug/l	#	79
89) 1,2,4-Trichlorobenzene	15.127	180	24024	3.302	ug/l		99
90) Hexachlorobutadiene	15.233	225	12415	3.873	ug/l		91
91) Naphthalene	15.362	128	102676	3.364	ug/l		99
92) 1,2,3-Trichlorobenzene	15.562	180	25308	3.469	ug/l		89

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

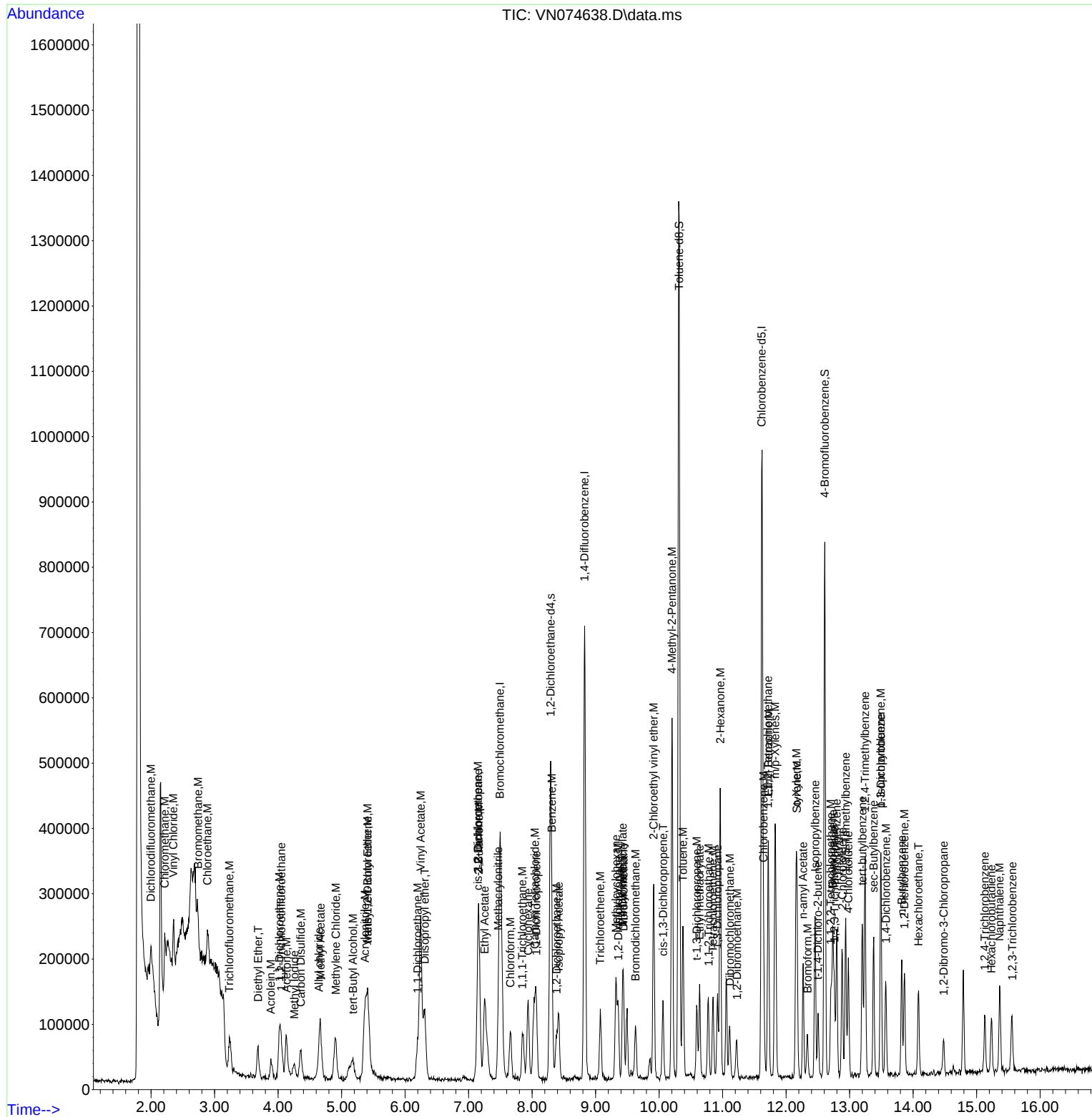
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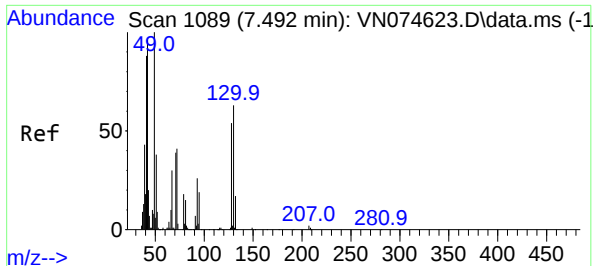
Instrument :
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 ClientSampleId :
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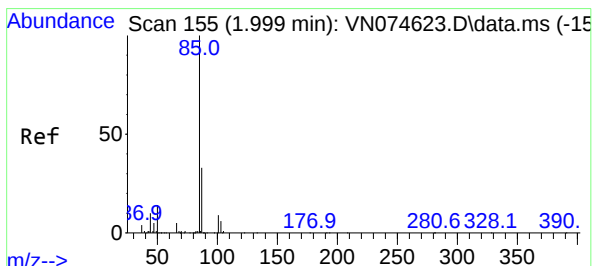
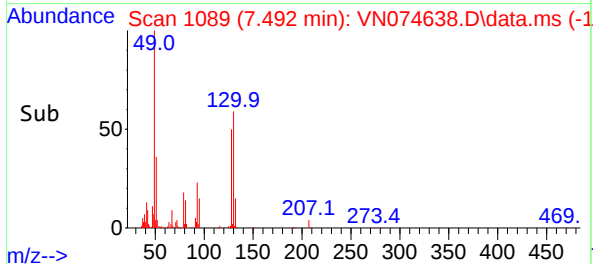
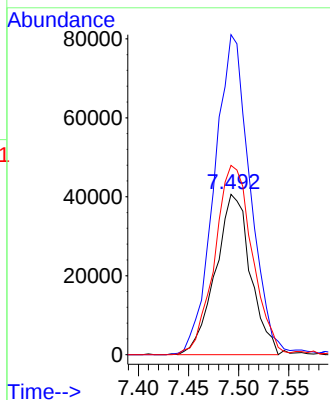
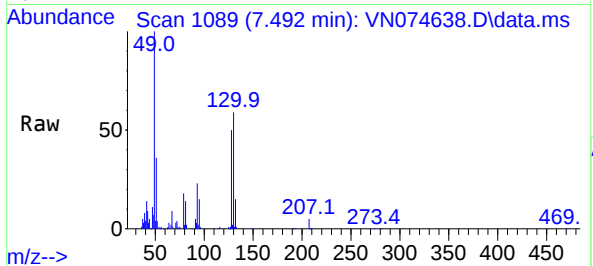
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.492 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN074638.D
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Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:128 Resp: 9851
Ion Ratio Lower Upper
128 100
49 204.1 0.0 492.0
130 126.9 0.0 313.3

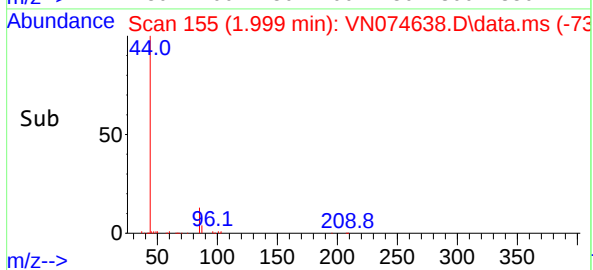
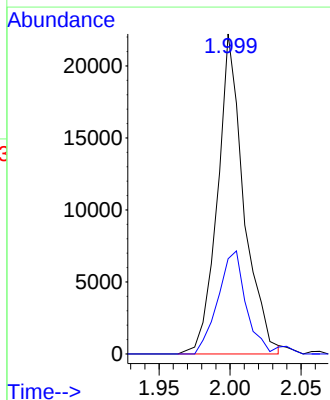
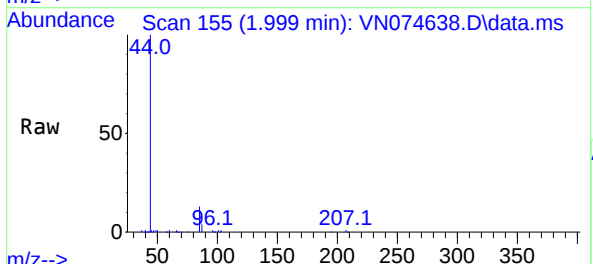
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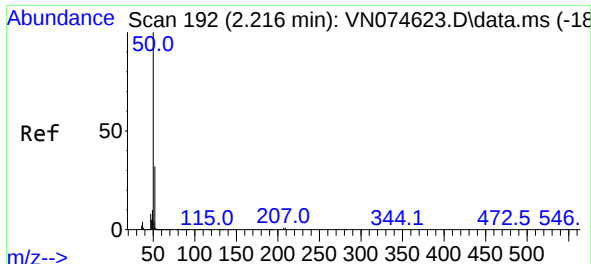
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#2
Dichlorodifluoromethane
Concen: 4.942 ug/l
RT: 1.999 min Scan# 155
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

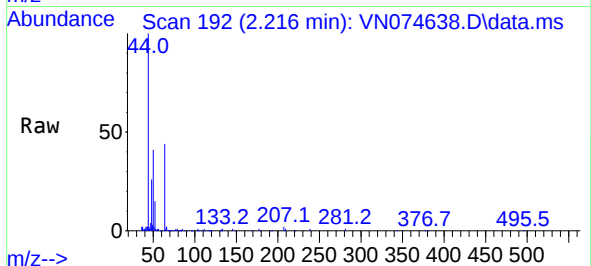
Tgt Ion: 85 Resp: 28610
Ion Ratio Lower Upper
85 100
87 29.7 16.7 50.1





#3
Chloromethane
Concen: 6.017 ug/l
RT: 2.216 min Scan# 192
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

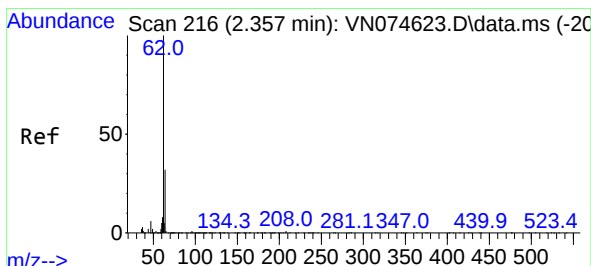
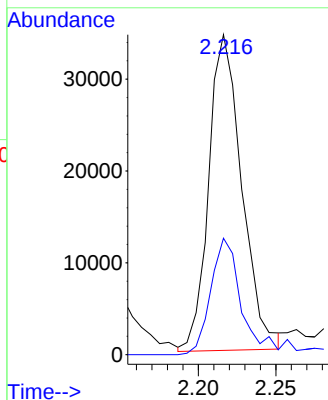
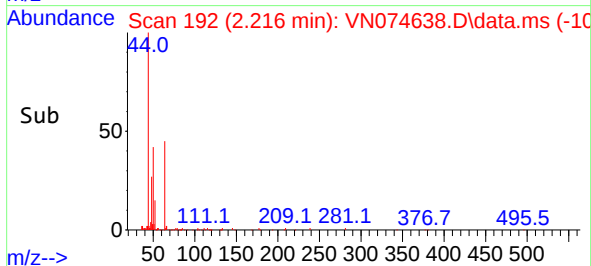
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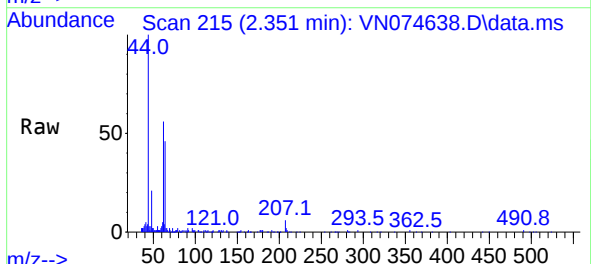
Tgt Ion: 50 Resp: 51150
Ion Ratio Lower Upper
50 100
52 37.2 25.5 38.3

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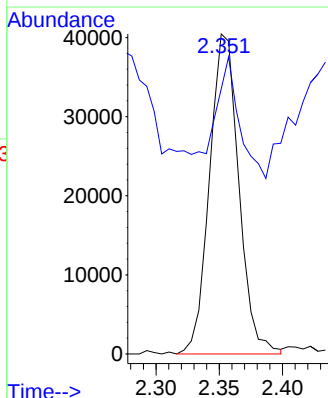
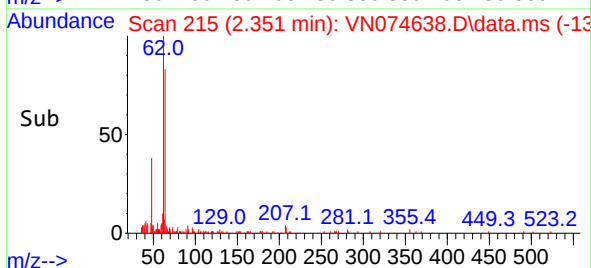
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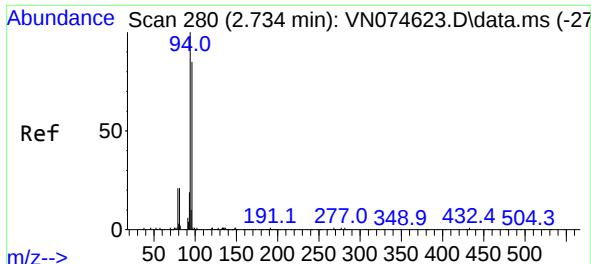


#4
Vinyl Chloride
Concen: 5.992 ug/l m
RT: 2.351 min Scan# 215
Delta R.T. -0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



Tgt Ion: 62 Resp: 65221
Ion Ratio Lower Upper
62 100
64 82.8 25.6 38.4#





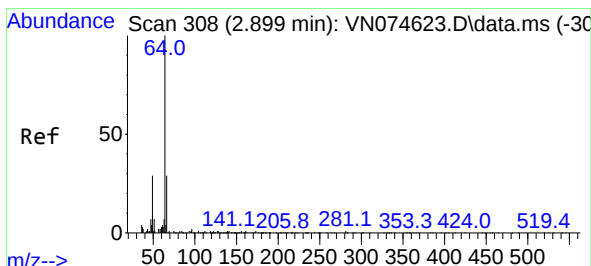
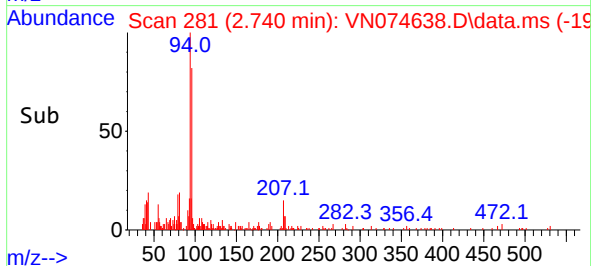
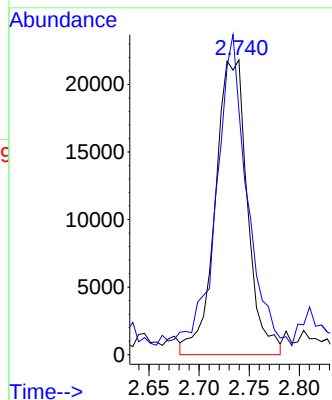
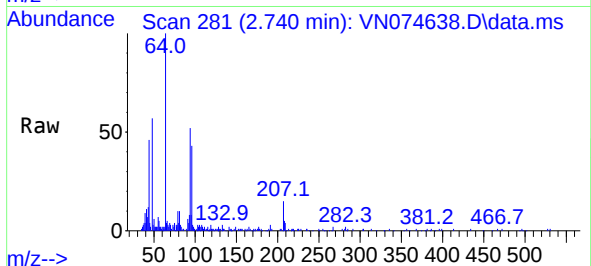
#5
Bromomethane
Concen: 6.946 ug/l
RT: 2.740 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

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Tgt Ion: 94 Resp: 4873
Ion Ratio Lower Upper
94 100
96 78.2 68.3 102.5

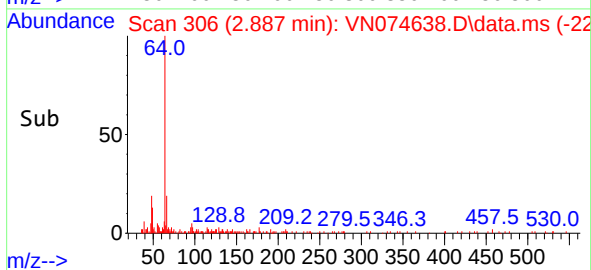
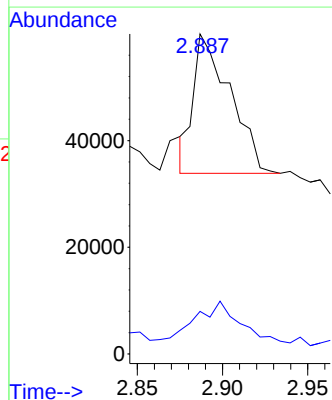
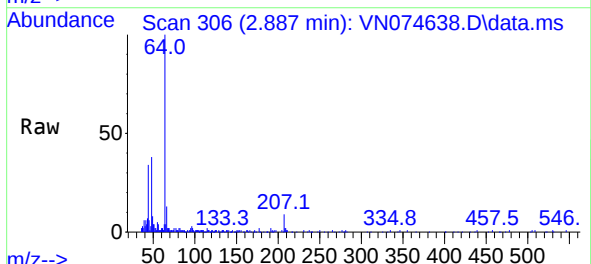
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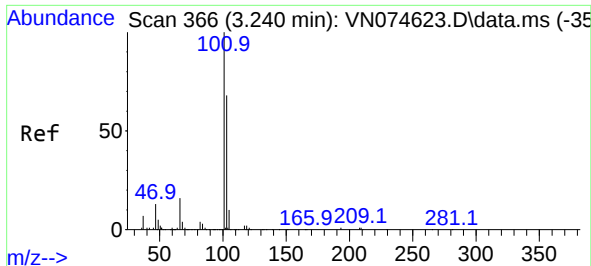
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#6
Chloroethane
Concen: 5.086 ug/l
RT: 2.887 min Scan# 306
Delta R.T. -0.012 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

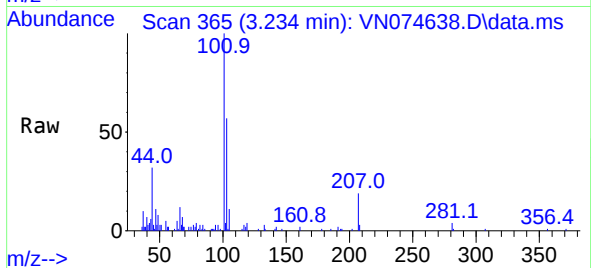
Tgt Ion: 64 Resp: 39127
Ion Ratio Lower Upper
64 100
66 21.3 21.8 32.8#





#7
Trichlorofluoromethane
Concen: 4.978 ug/l
RT: 3.234 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

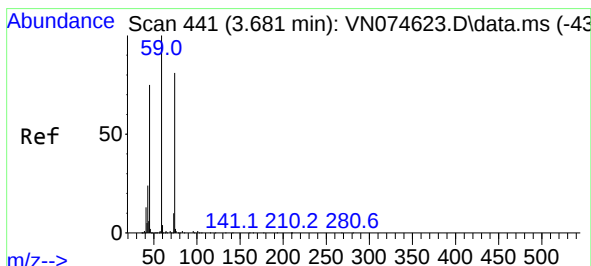
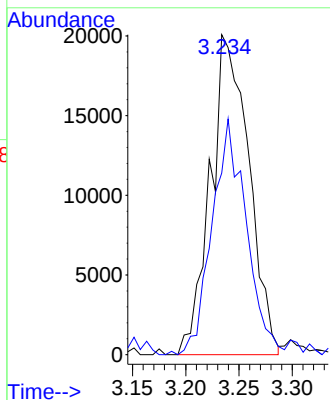
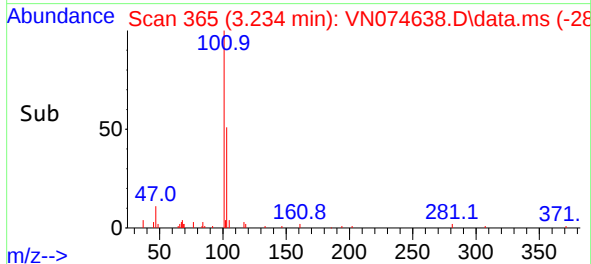
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



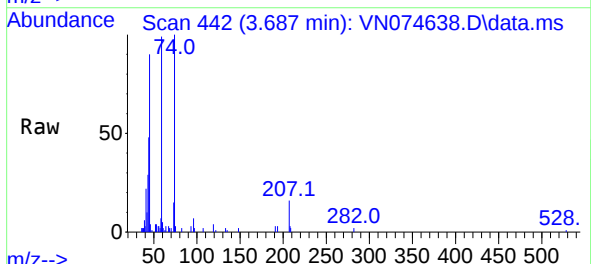
Tgt Ion:101 Resp: 50320
Ion Ratio Lower Upper
101 100
103 56.8 54.8 82.2

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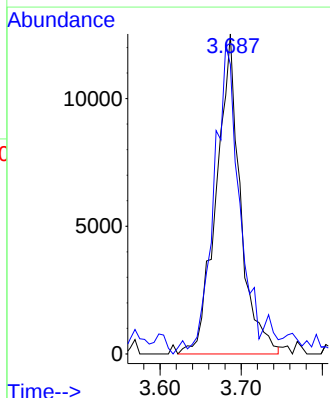
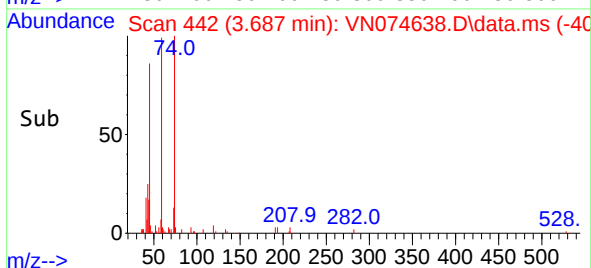
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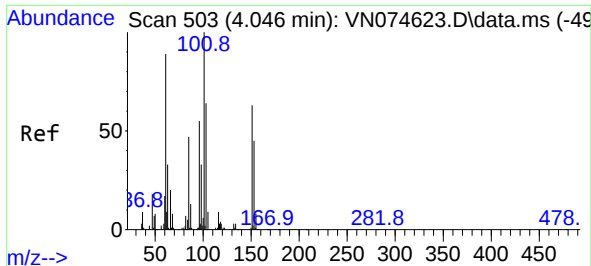


#8
Diethyl Ether
Concen: 4.833 ug/l
RT: 3.687 min Scan# 442
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



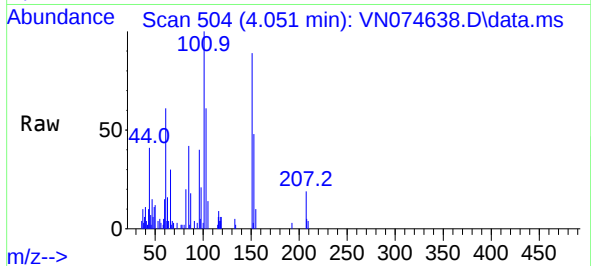
Tgt Ion: 74 Resp: 25771
Ion Ratio Lower Upper
74 100
45 96.4 19.0 171.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.748 ug/l m
RT: 4.051 min Scan# 503
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

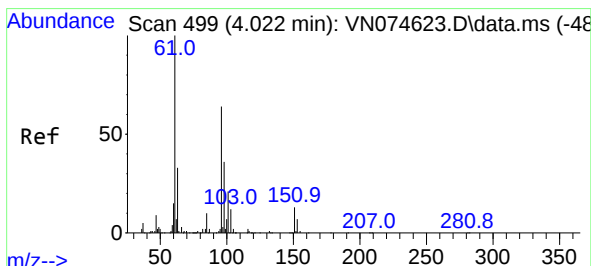
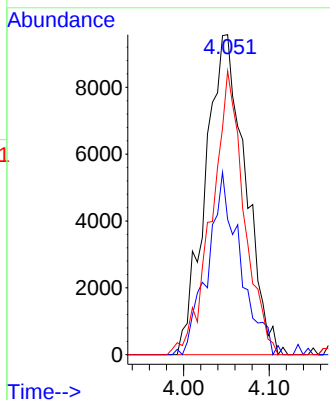
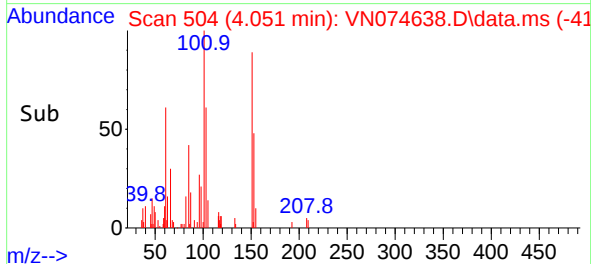
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:101 Resp: 30775
Ion Ratio Lower Upper
101 100
85 12.8 0.0 94.6
151 72.5 0.0 144.8

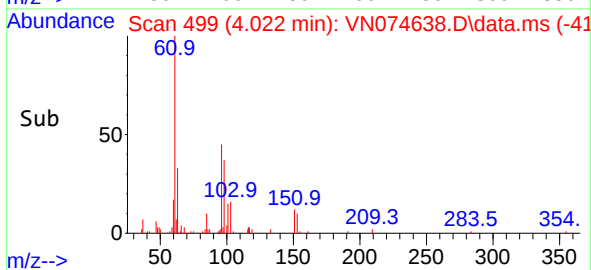
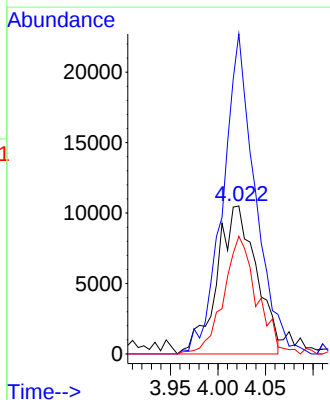
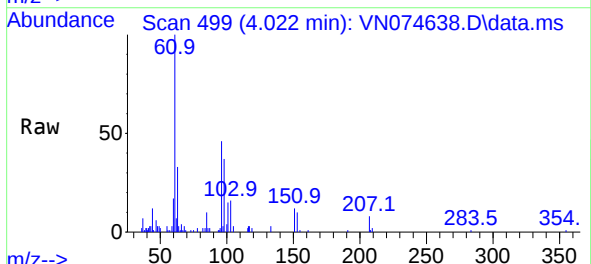
Manual Integrations
APPROVED

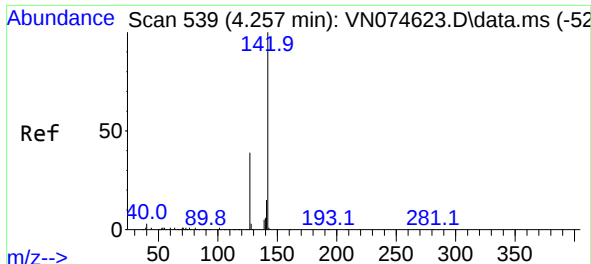
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#10
1,1-Dichloroethene
Concen: 4.527 ug/l m
RT: 4.022 min Scan# 499
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

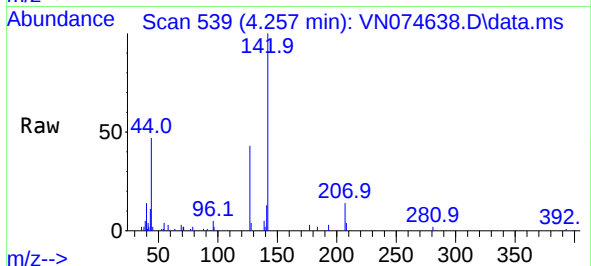
Tgt Ion: 96 Resp: 30254
Ion Ratio Lower Upper
96 100
61 216.2 125.5 188.3#
98 79.5 45.0 67.4#





#11
Methyl Iodide
Concen: 4.019 ug/l
RT: 4.257 min Scan# 539
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

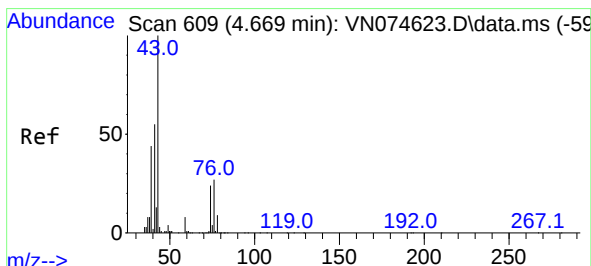
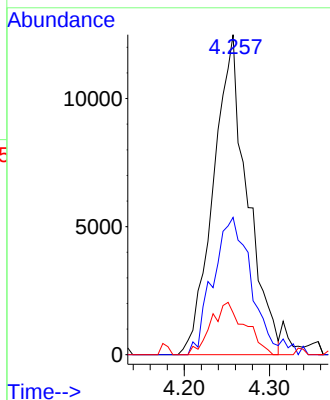
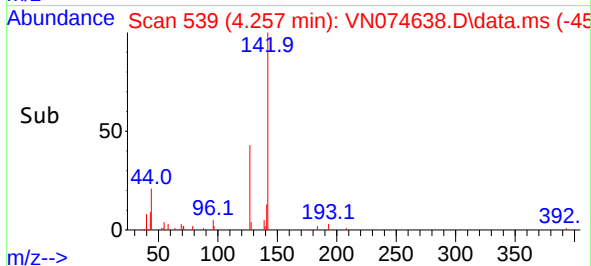
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



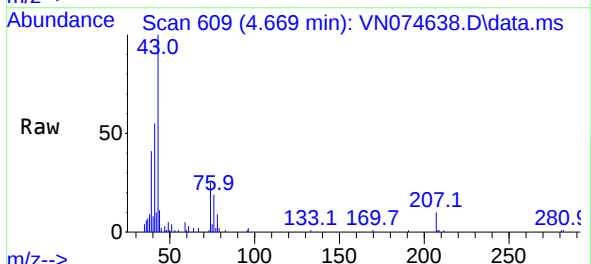
Tgt Ion:142 Resp: 34398
Ion Ratio Lower Upper
142 100
127 42.4 19.3 57.8
141 13.4 7.7 23.1

Manual Integrations
APPROVED

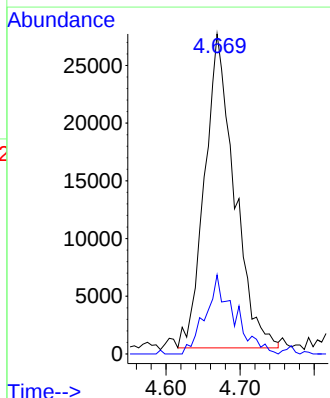
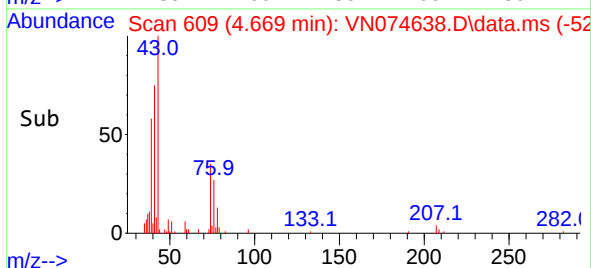
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

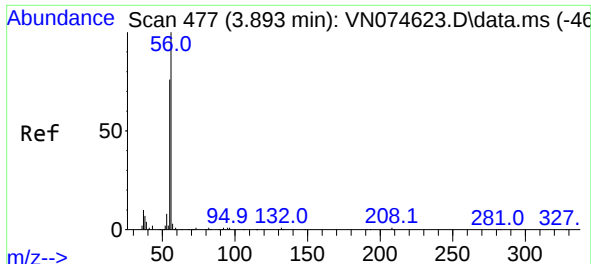


#12
Methyl Acetate
Concen: 5.295 ug/l
RT: 4.669 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



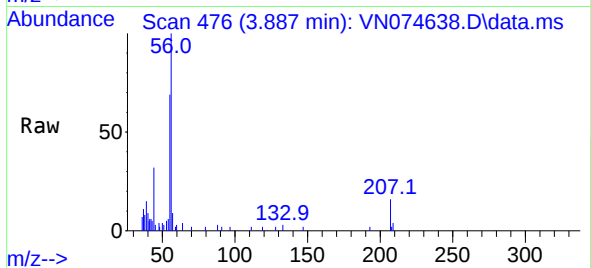
Tgt Ion: 43 Resp: 75761
Ion Ratio Lower Upper
43 100
74 25.4 19.0 28.6





#13
Acrolein
Concen: 30.408 ug/l m
RT: 3.887 min Scan# 477
Delta R.T. -0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

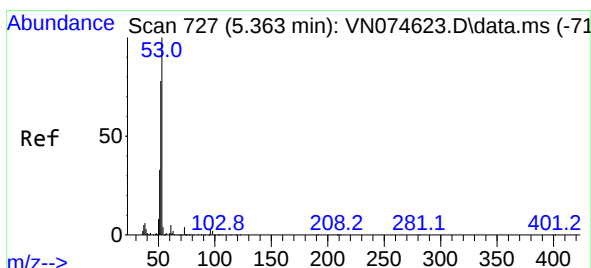
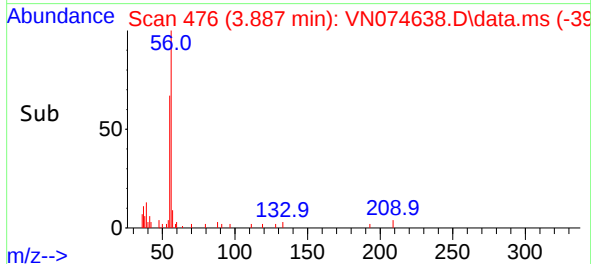
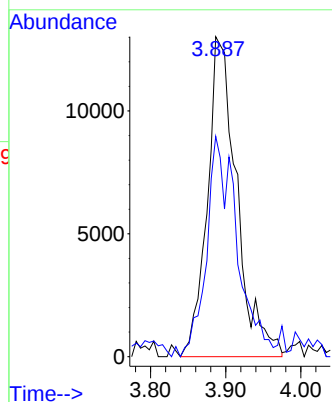
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 56 Resp: 3541
Ion Ratio Lower Upper
56 100
55 0.4 56.2 84.2

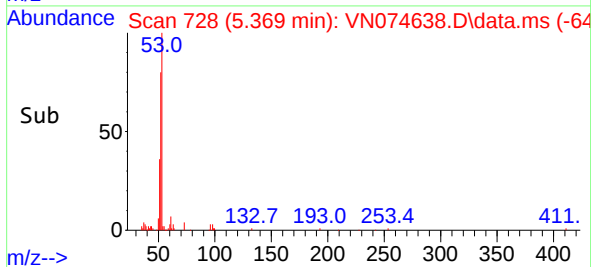
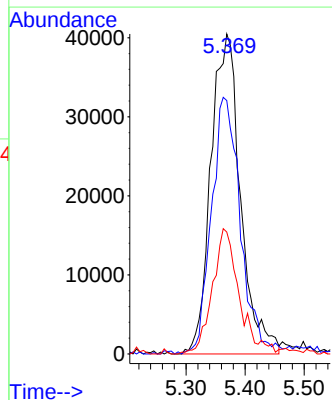
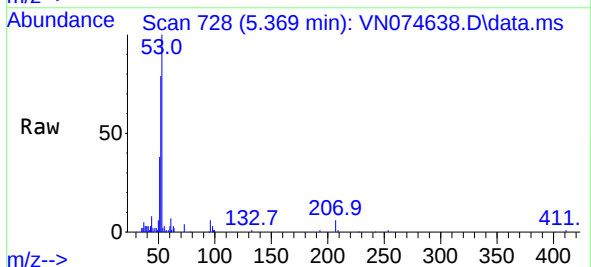
Manual Integrations
APPROVED

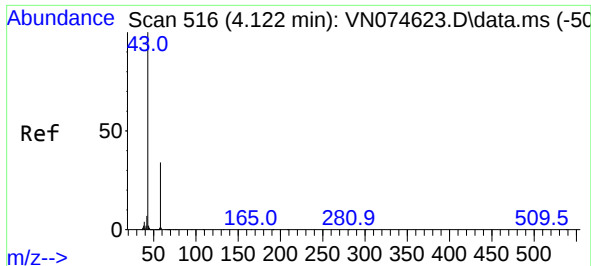
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#14
Acrylonitrile
Concen: 24.276 ug/l m
RT: 5.369 min Scan# 728
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

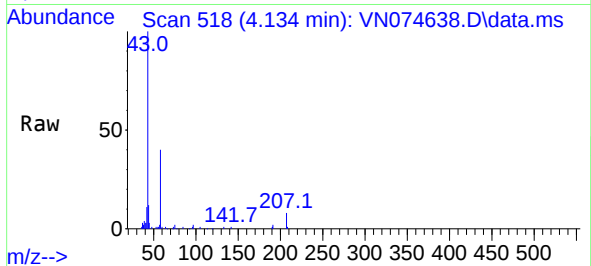
Tgt Ion: 53 Resp: 140785
Ion Ratio Lower Upper
53 100
52 1.0 40.8 122.4#
51 1.0 17.0 51.0#





#15
Acetone
Concen: 24.857 ug/l
RT: 4.134 min Scan# 516
Delta R.T. 0.012 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

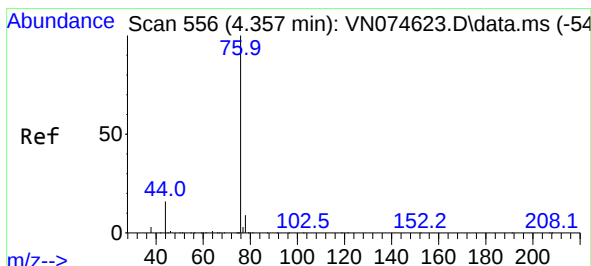
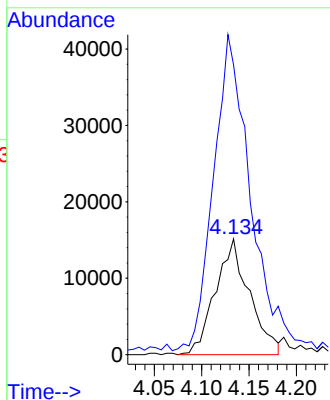
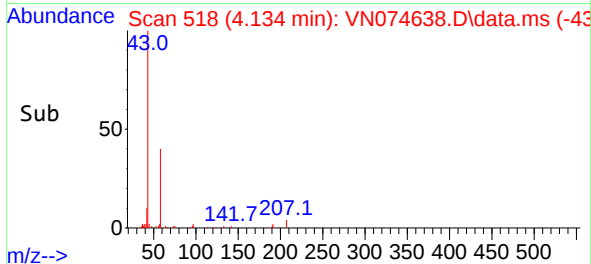
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 58 Resp: 37862
Ion Ratio Lower Upper
58 100
43 244.8 232.2 348.4

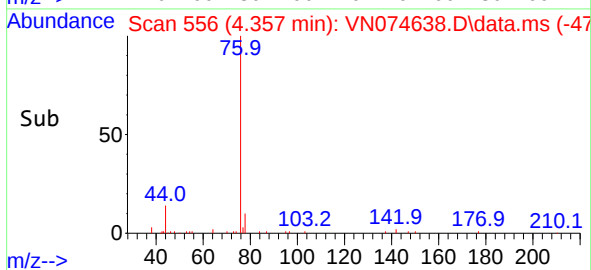
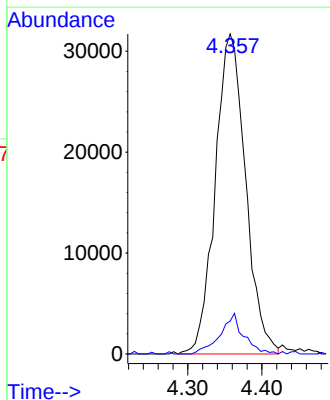
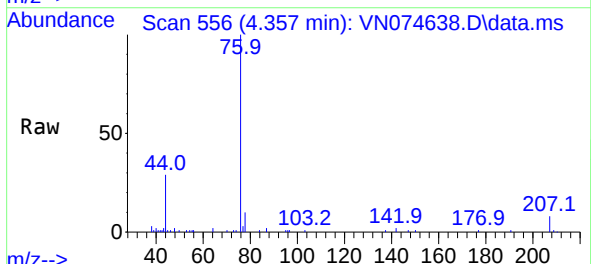
Manual Integrations
APPROVED

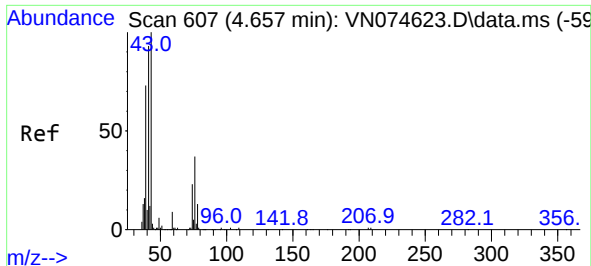
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#16
Carbon Disulfide
Concen: 4.802 ug/l
RT: 4.357 min Scan# 556
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

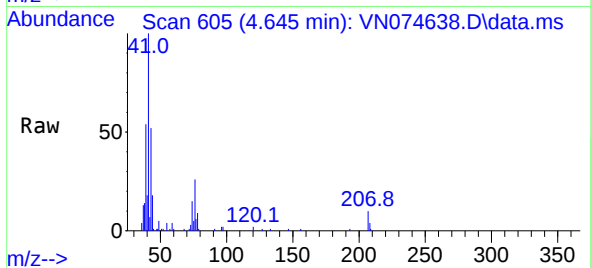
Tgt Ion: 76 Resp: 90192
Ion Ratio Lower Upper
76 100
78 10.3 7.2 10.8





#17
 Allyl chloride
 Concen: 5.233 ug/l m
 RT: 4.645 min Scan# 607
 Delta R.T. -0.012 min
 Lab File: VN074638.D
 Acq: 27 Sep 2022 19:41

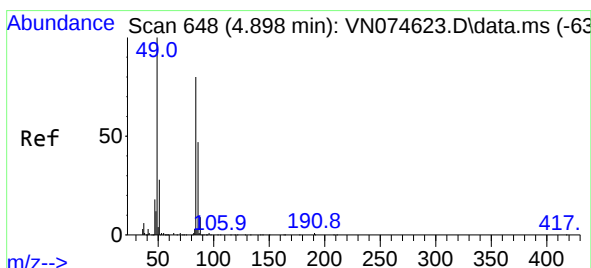
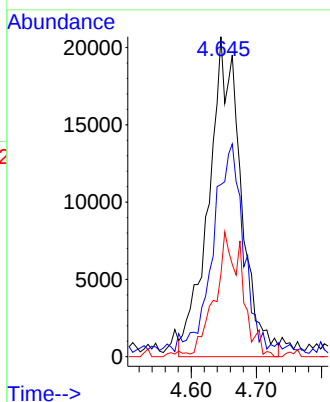
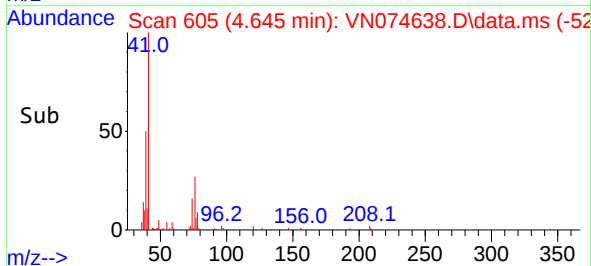
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 41 Resp: 71319
 Ion Ratio Lower Upper
 41 100
 39 53.8 39.1 117.5
 76 25.8 19.8 59.4

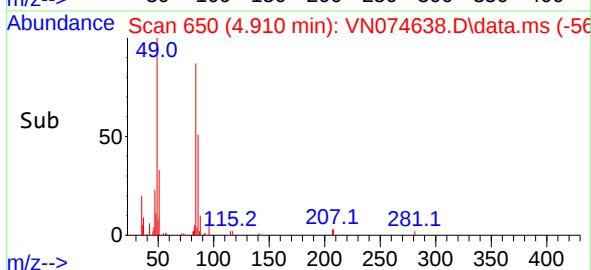
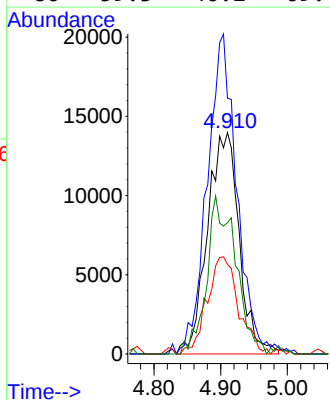
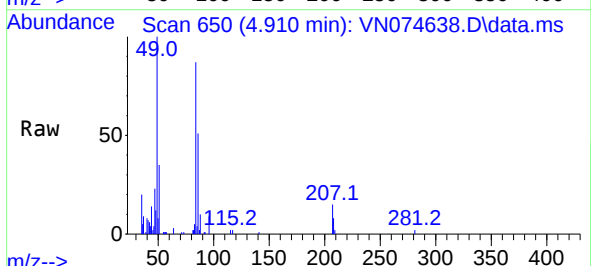
Manual Integrations
 APPROVED

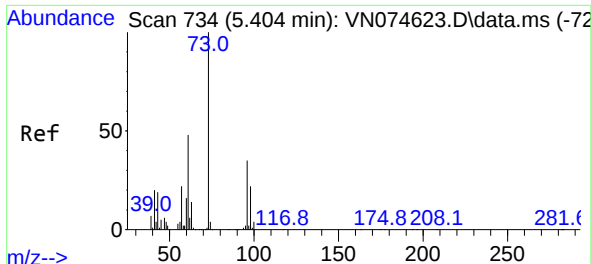
Reviewed By :John Carlone 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#18
 Methylene Chloride
 Concen: 5.421 ug/l m
 RT: 4.910 min Scan# 650
 Delta R.T. 0.012 min
 Lab File: VN074638.D
 Acq: 27 Sep 2022 19:41

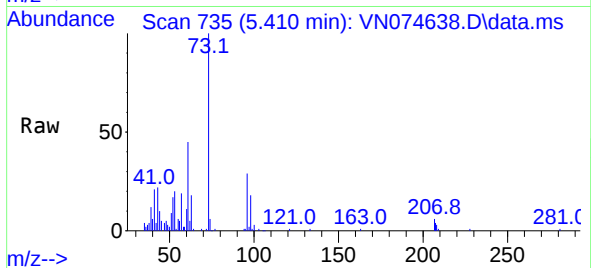
Tgt Ion: 84 Resp: 46182
 Ion Ratio Lower Upper
 84 100
 49 115.5 99.6 149.4
 51 40.5 28.2 42.2
 86 59.3 46.2 69.4





#19
trans-1,2-Dichloroethene
Concen: 4.429 ug/l m
RT: 5.410 min Scan# 734
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

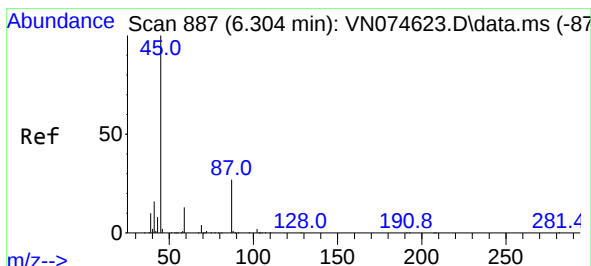
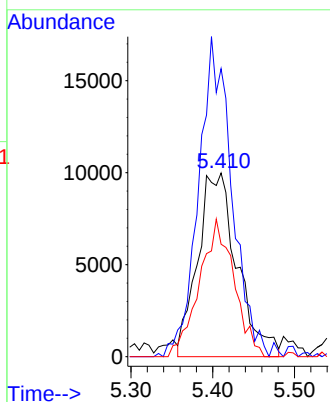
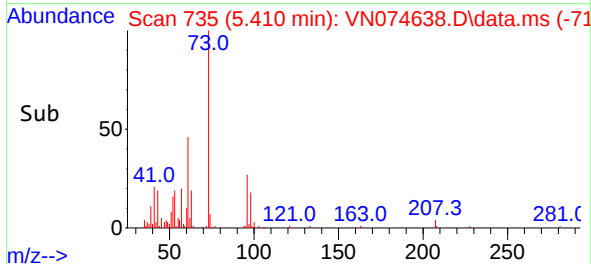
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



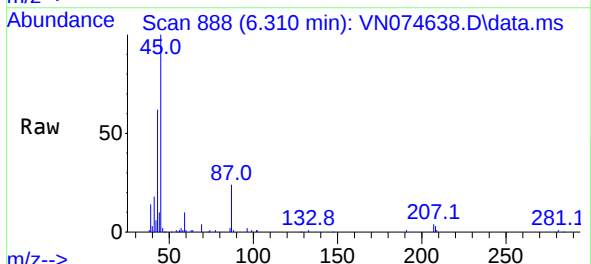
Tgt Ion: 96 Resp: 33452
Ion Ratio Lower Upper
96 100
61 156.8 110.2 165.4
98 61.2 50.0 75.0

Manual Integrations
APPROVED

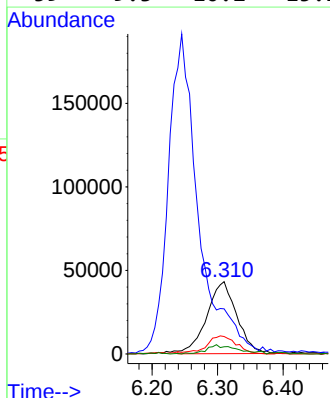
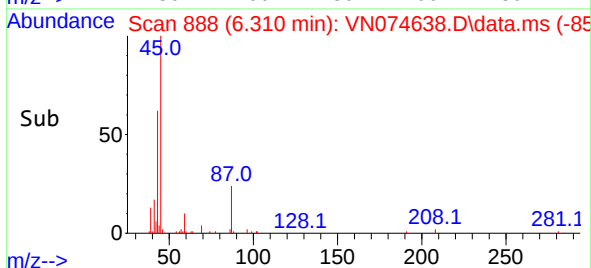
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

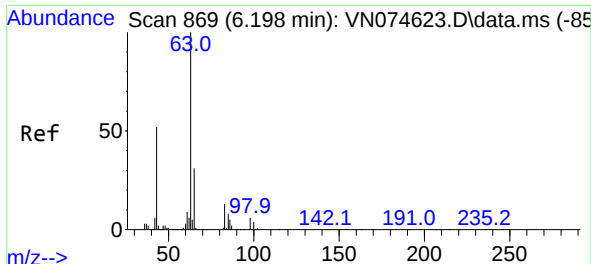


#20
Diisopropyl ether
Concen: 4.567 ug/l
RT: 6.310 min Scan# 888
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



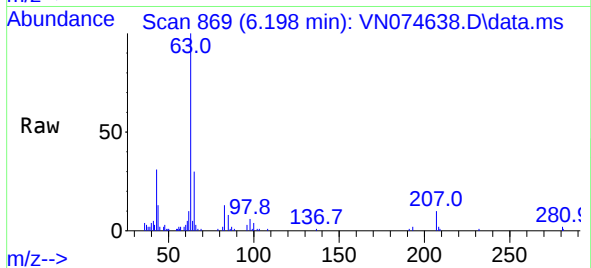
Tgt Ion: 45 Resp: 136124
Ion Ratio Lower Upper
45 100
43 58.5 47.3 70.9
87 23.0 21.8 32.8
59 9.3 10.2 15.2#





#21
1,1-Dichloroethane
Concen: 4.658 ug/l
RT: 6.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

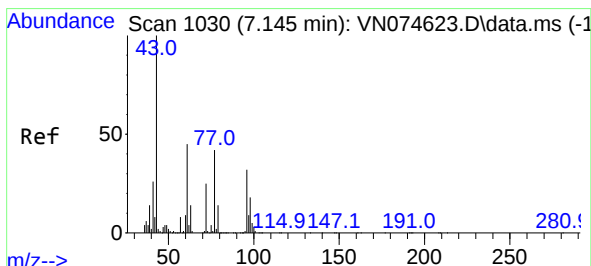
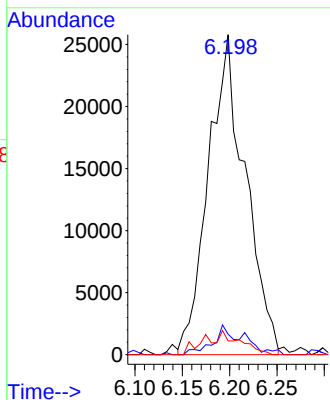
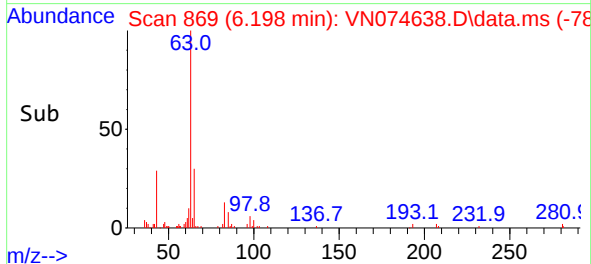
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



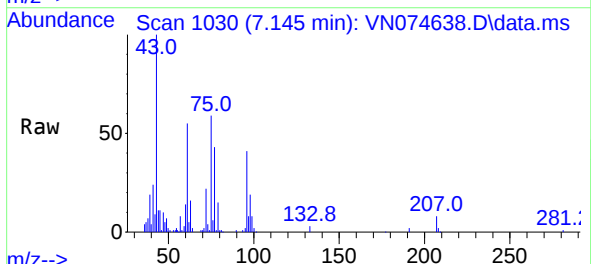
Tgt Ion: 63 Resp: 7012
Ion Ratio Lower Upper
63 100
98 6.5 3.3 9.9
100 4.4 2.2 6.6

Manual Integrations
APPROVED

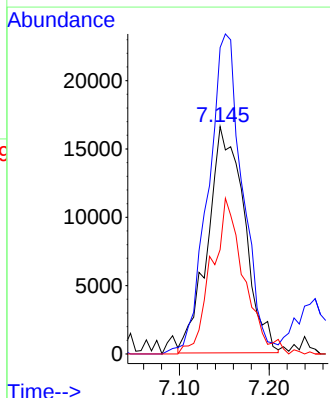
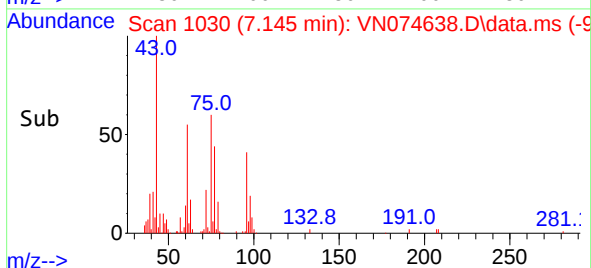
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

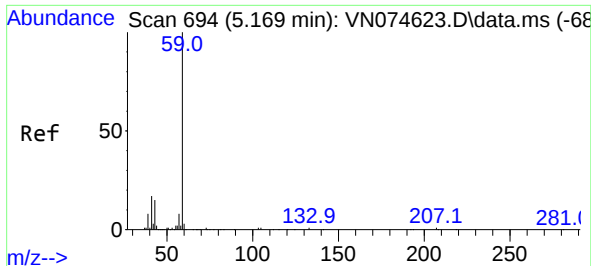


#22
cis-1,2-Dichloroethene
Concen: 5.167 ug/l
RT: 7.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



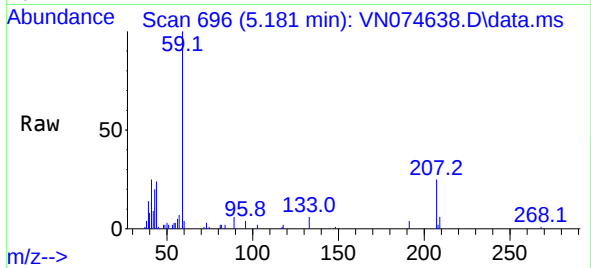
Tgt Ion: 96 Resp: 47086
Ion Ratio Lower Upper
96 100
61 132.6 118.8 178.2
98 40.6 52.1 78.1#





#23
tert-Butyl Alcohol
Concen: 29.539 ug/l m
RT: 5.181 min Scan# 694
Delta R.T. 0.012 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

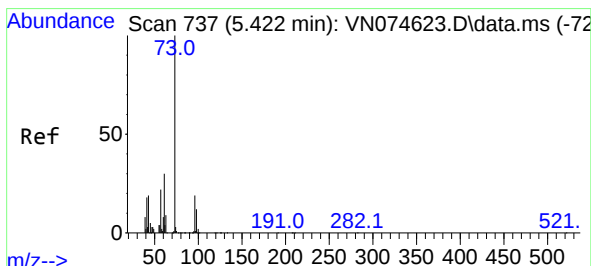
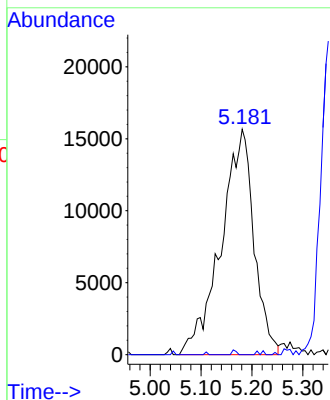
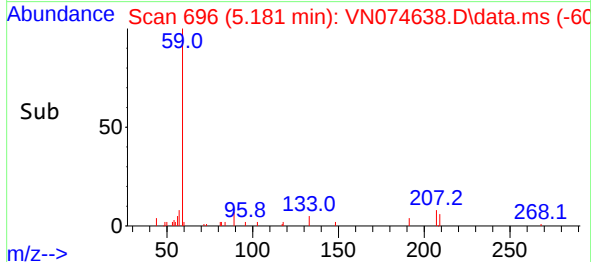
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 59 Resp: 70538
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.4

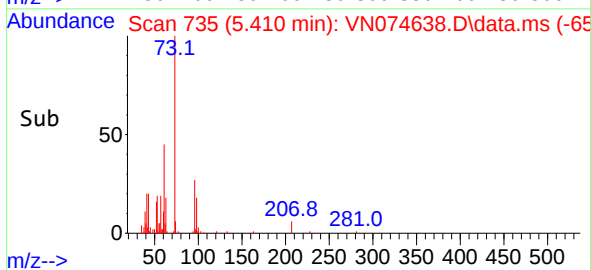
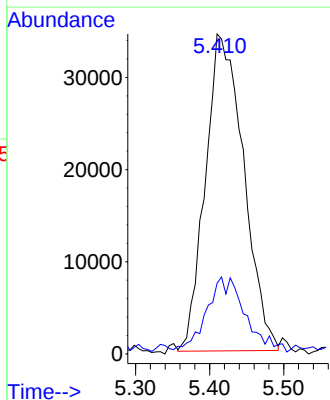
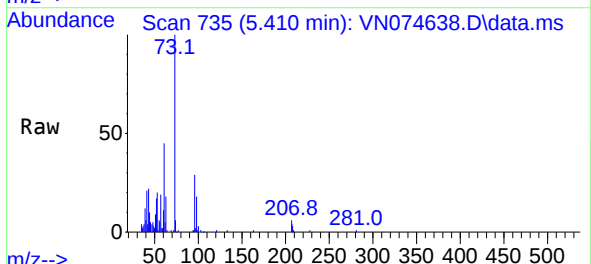
Manual Integrations
APPROVED

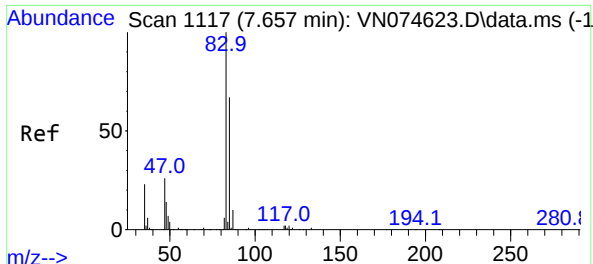
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#24
Methyl tert-Butyl Ether
Concen: 4.463 ug/l
RT: 5.410 min Scan# 735
Delta R.T. -0.012 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

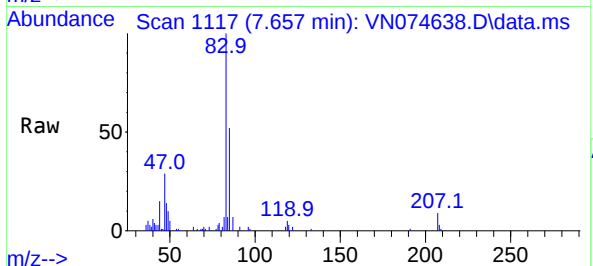
Tgt Ion: 73 Resp: 123576
Ion Ratio Lower Upper
73 100
43 11.7 15.6 23.4





#25
Chloroform
Concen: 4.284 ug/l
RT: 7.657 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

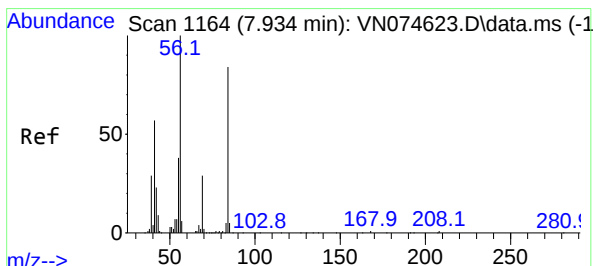
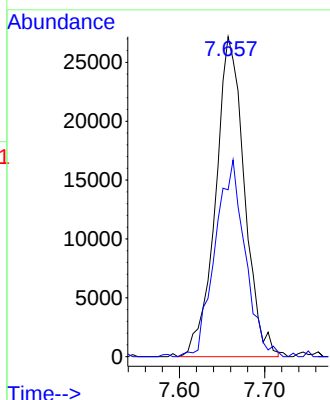
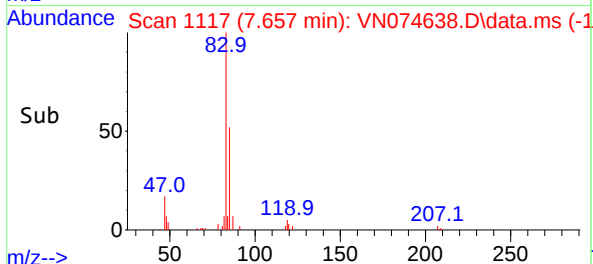
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



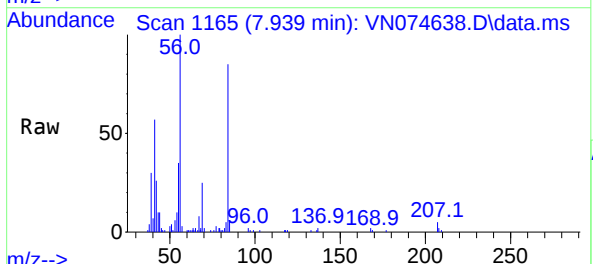
Tgt Ion: 83 Resp: 63929
Ion Ratio Lower Upper
83 100
85 52.2 53.6 80.4

Manual Integrations
APPROVED

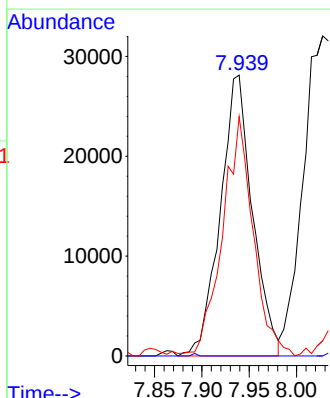
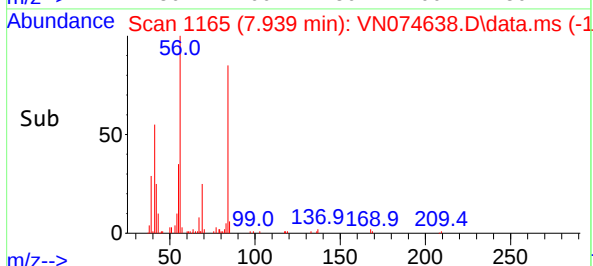
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

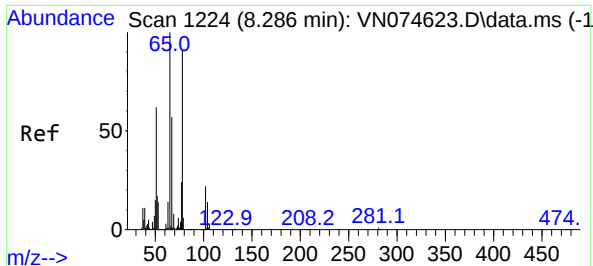


#26
Cyclohexane
Concen: 4.926 ug/l
RT: 7.939 min Scan# 1165
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



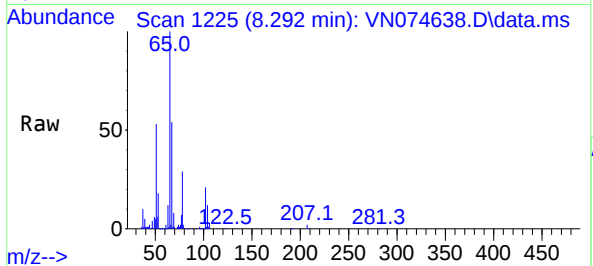
Tgt Ion: 56 Resp: 66688
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 80.8 68.4 102.6





#27
1,2-Dichloroethane-d4
Concen: 31.393 ug/l
RT: 8.292 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

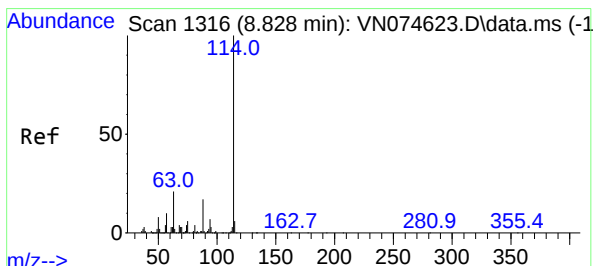
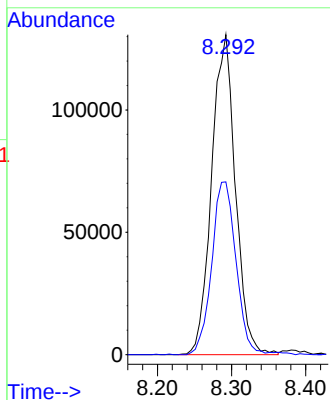
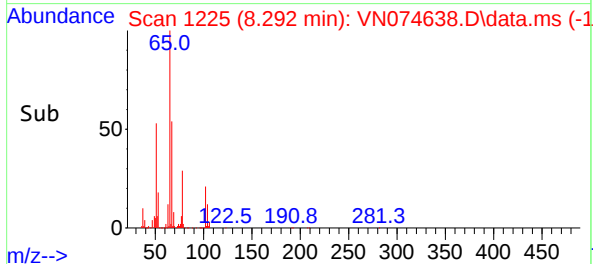
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



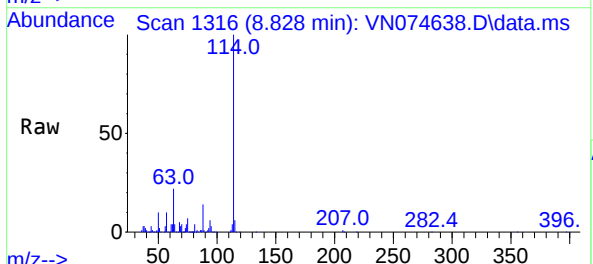
Tgt Ion: 65 Resp: 291600
Ion Ratio Lower Upper
65 100
67 54.8 45.2 67.8

Manual Integrations
APPROVED

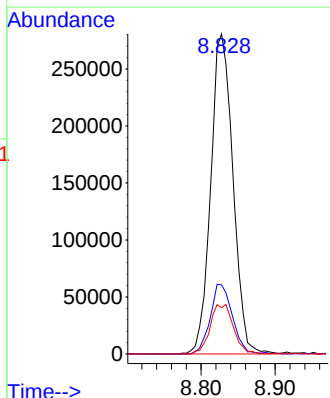
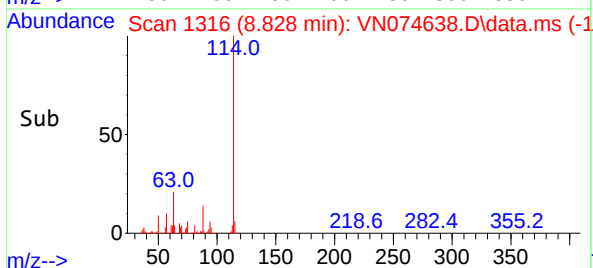
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

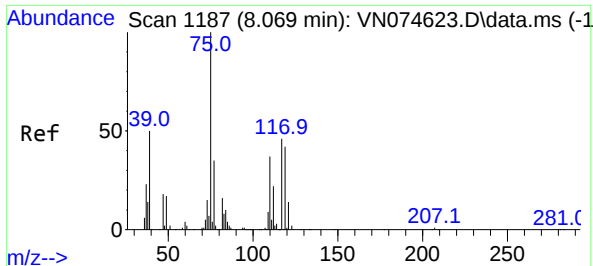


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



Tgt Ion:114 Resp: 584389
Ion Ratio Lower Upper
114 100
63 21.7 16.6 25.0
88 16.2 12.2 18.4





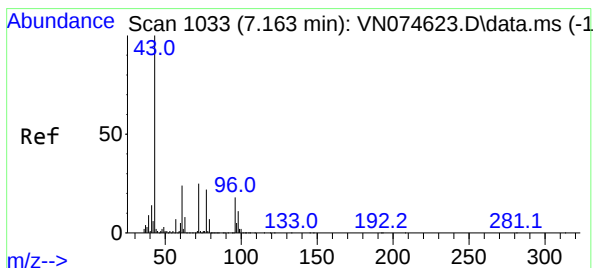
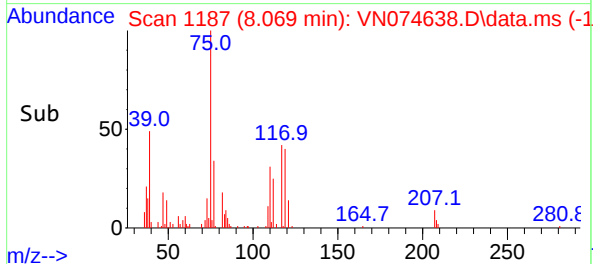
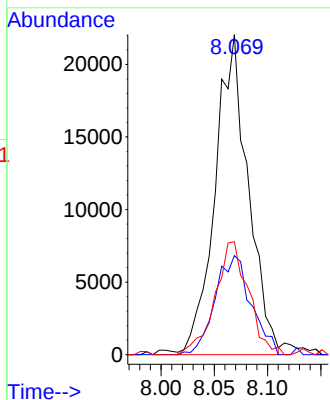
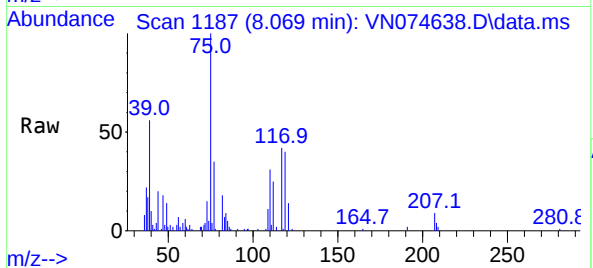
#29
1,1-Dichloropropene
Concen: 4.352 ug/l
RT: 8.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 75	Resp: 4750
Ion Ratio	Lower Upper
75 100	
110 33.8	0.0 72.2
77 35.6	0.0 64.0

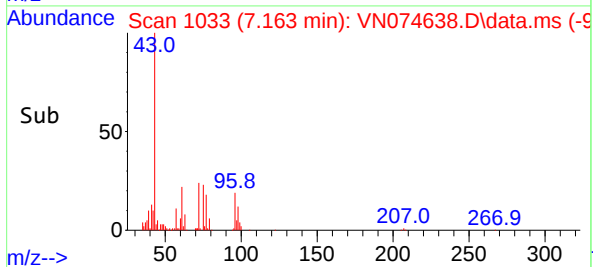
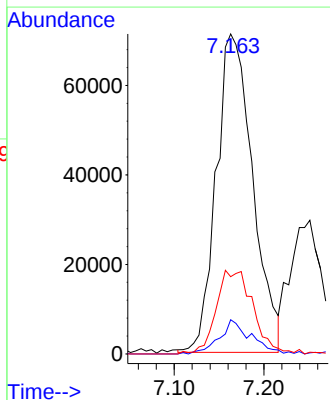
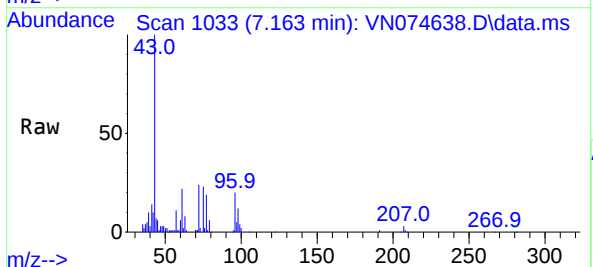
Manual Integrations
APPROVED

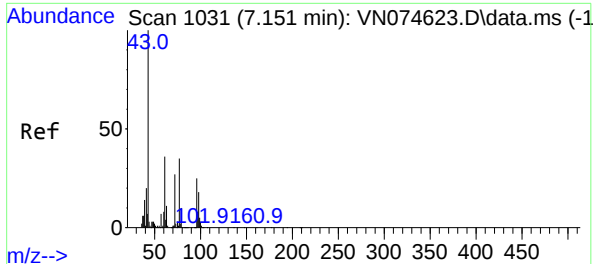
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#30
2-Butanone
Concen: 24.114 ug/l
RT: 7.163 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

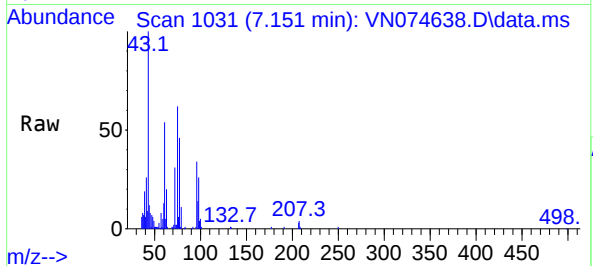
Tgt Ion: 43	Resp: 200810
Ion Ratio	Lower Upper
43 100	
57 9.1	6.3 9.5
72 11.4	21.0 31.4





#31
2,2-Dichloropropane
Concen: 4.448 ug/l m
RT: 7.151 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

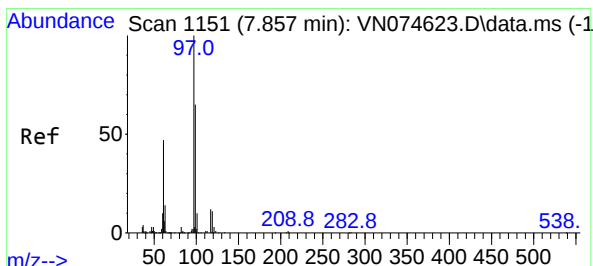
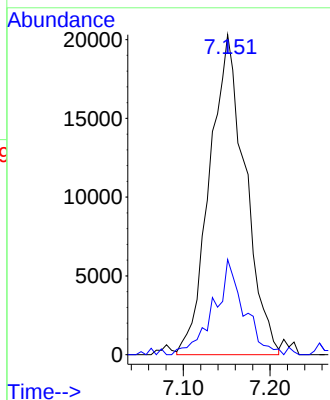
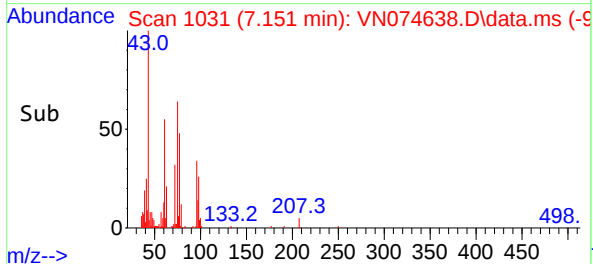
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



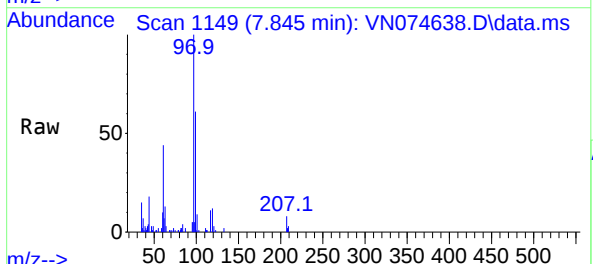
Tgt Ion: 77 Resp: 57950
Ion Ratio Lower Upper
77 100
97 0.2 18.4 27.6

Manual Integrations
APPROVED

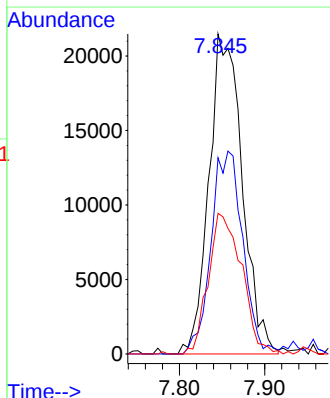
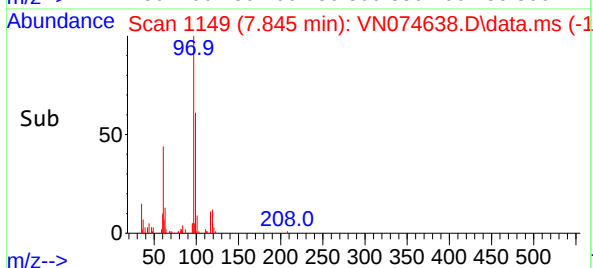
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

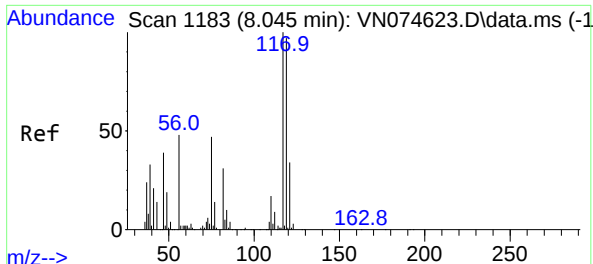


#32
1,1,1-Trichloroethane
Concen: 4.518 ug/l
RT: 7.845 min Scan# 1149
Delta R.T. -0.012 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



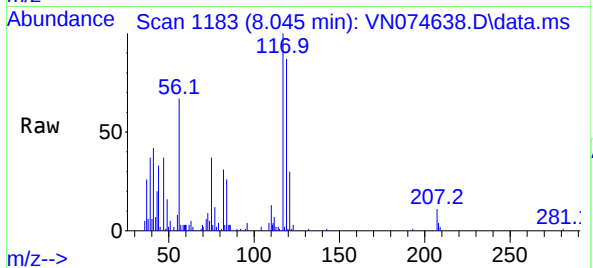
Tgt Ion: 97 Resp: 58261
Ion Ratio Lower Upper
97 100
99 27.3 50.0 75.0#
61 44.0 36.1 54.1





#33
Carbon Tetrachloride
Concen: 4.192 ug/l
RT: 8.045 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

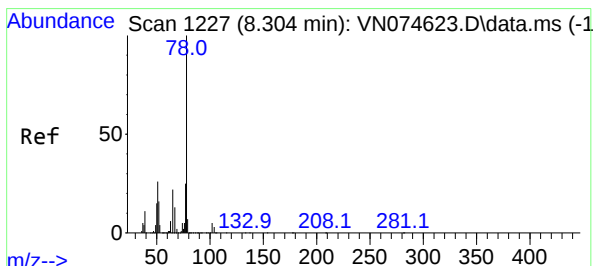
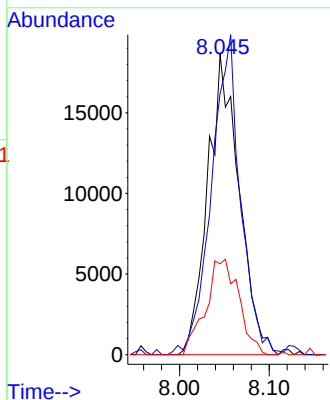
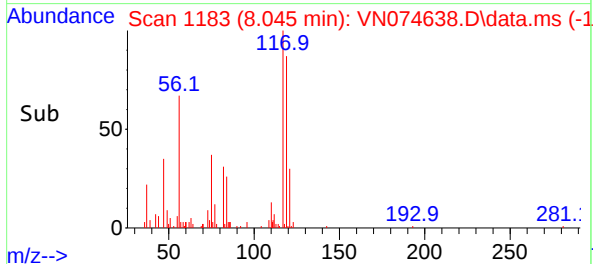
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



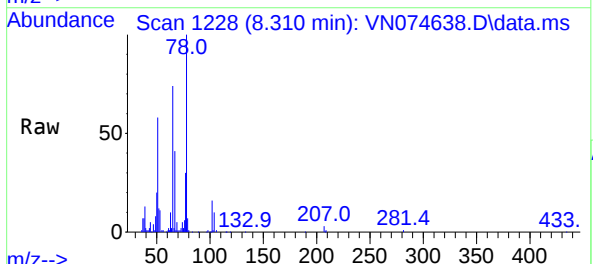
Tgt Ion:117 Resp: 45214
Ion Ratio Lower Upper
117 100
119 85.8 77.8 116.6
121 30.2 27.6 41.4

Manual Integrations
APPROVED

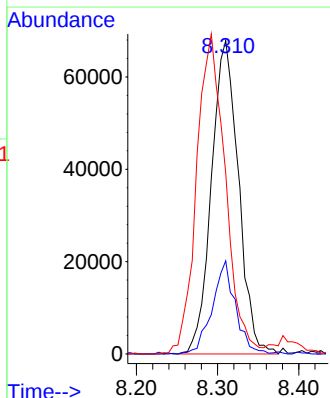
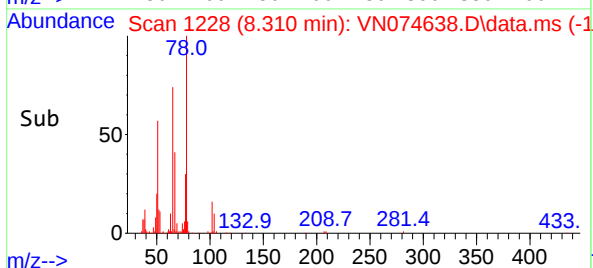
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

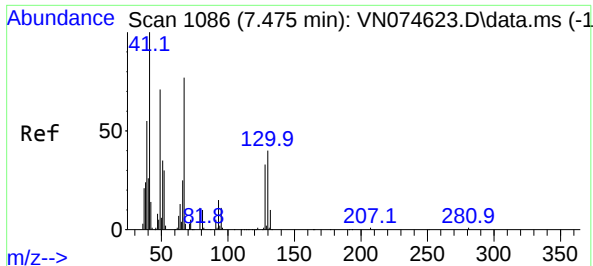


#34
Benzene
Concen: 4.338 ug/l
RT: 8.310 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



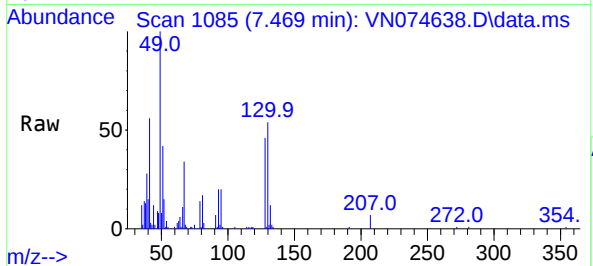
Tgt Ion: 78 Resp: 156758
Ion Ratio Lower Upper
78 100
77 29.7 19.9 29.9
51 55.2 21.1 31.7#





#35
Methacrylonitrile
Concen: 4.990 ug/l m
RT: 7.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

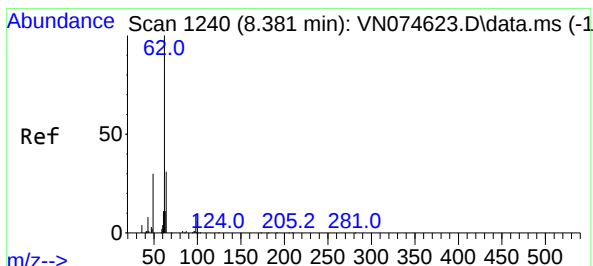
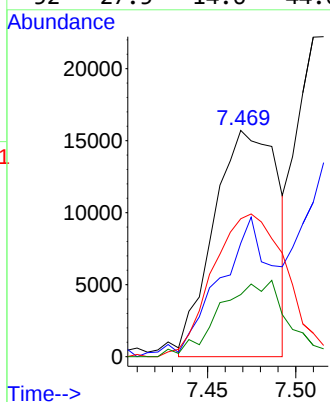
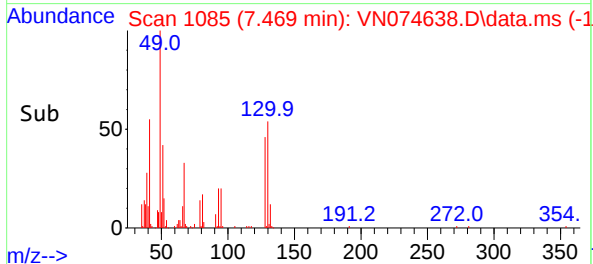
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



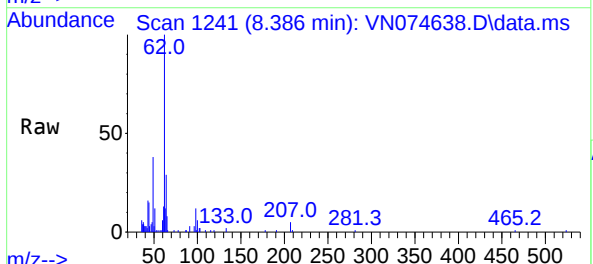
Tgt Ion: 41 Resp: 39530
Ion Ratio Lower Upper
41 100
39 50.1 27.7 83.1
67 61.0 38.0 113.9
52 27.5 14.6 44.0

Manual Integrations
APPROVED

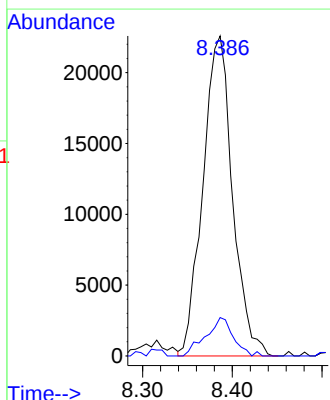
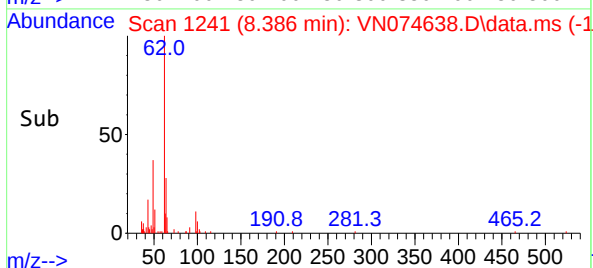
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

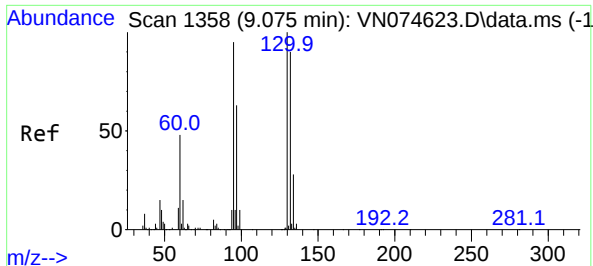


#36
1,2-Dichloroethane
Concen: 4.392 ug/l
RT: 8.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



Tgt Ion: 62 Resp: 51818
Ion Ratio Lower Upper
62 100
98 10.9 7.4 11.2





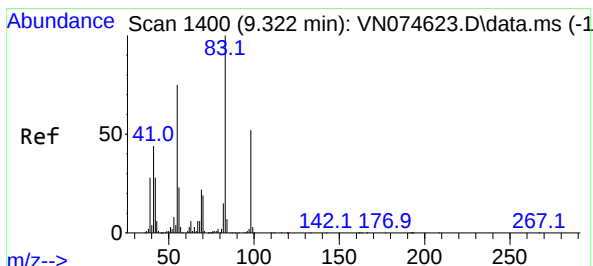
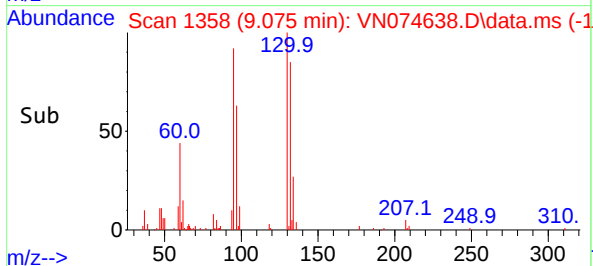
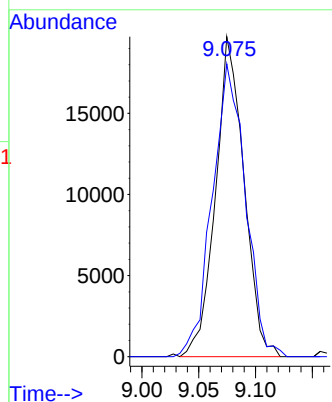
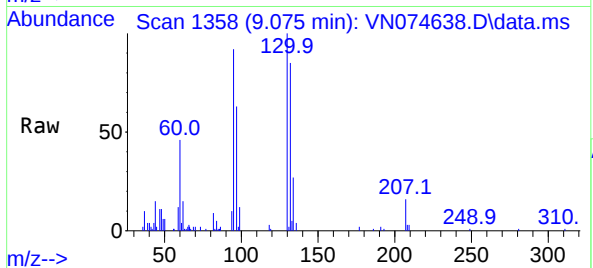
#37
Trichloroethene
Concen: 4.488 ug/l
RT: 9.075 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion:130 Resp: 34430
Ion Ratio Lower Upper
130 100
95 90.5 75.9 113.9

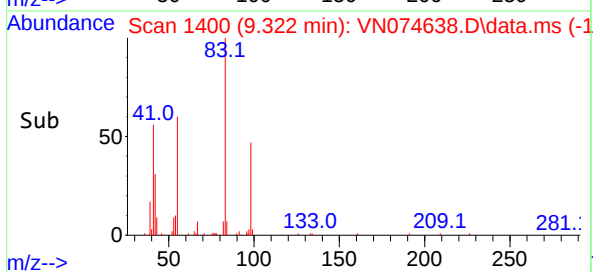
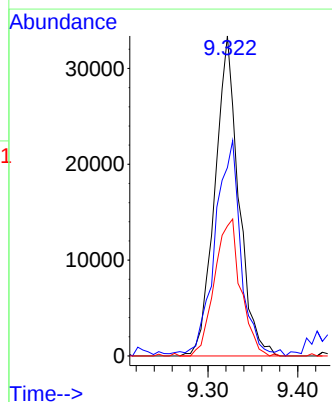
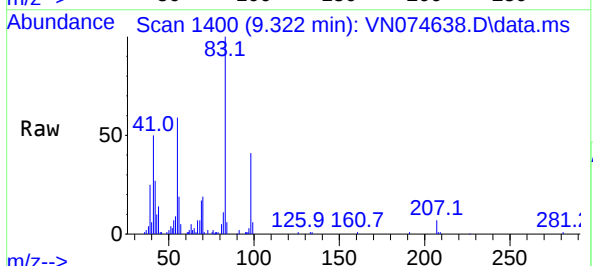
Manual Integrations
APPROVED

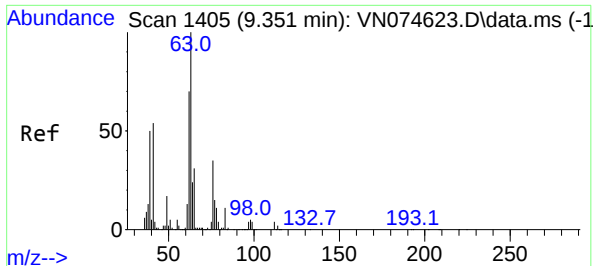
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#38
Methylcyclohexane
Concen: 4.365 ug/l
RT: 9.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

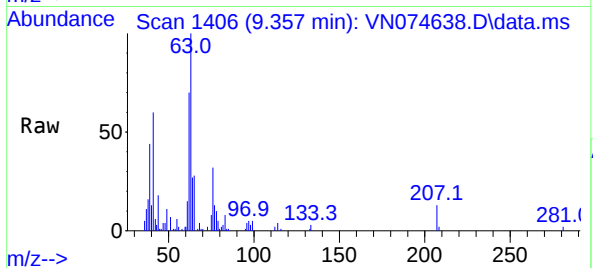
Tgt Ion: 83 Resp: 61662
Ion Ratio Lower Upper
83 100
55 69.1 37.4 112.2
98 47.0 24.5 73.5





#39
1,2-Dichloropropane
Concen: 4.464 ug/l
RT: 9.357 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

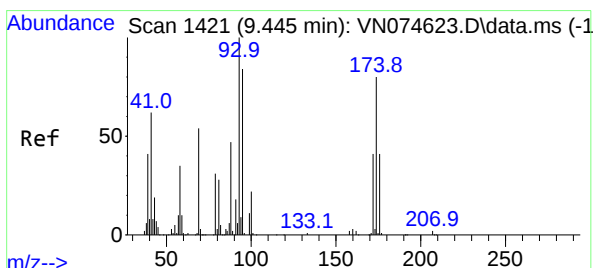
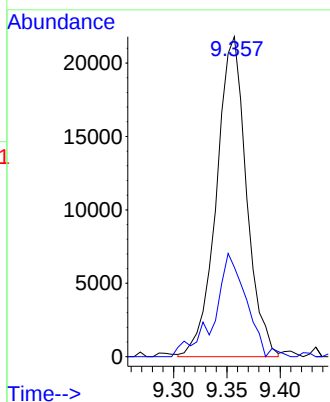
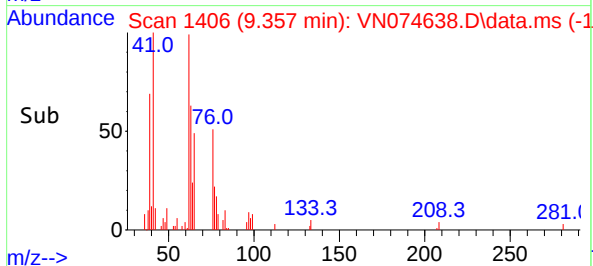
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 63 Resp: 42700
Ion Ratio Lower Upper
63 100
65 26.6 25.0 37.6

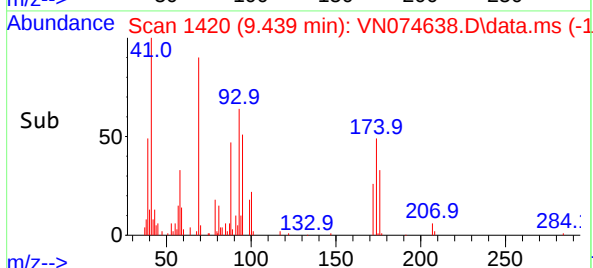
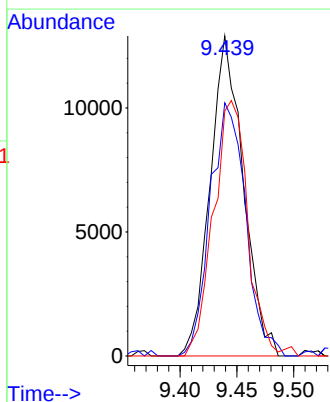
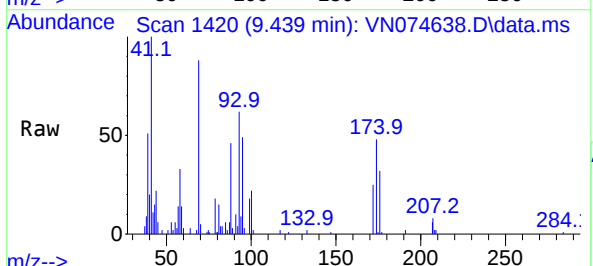
Manual Integrations
APPROVED

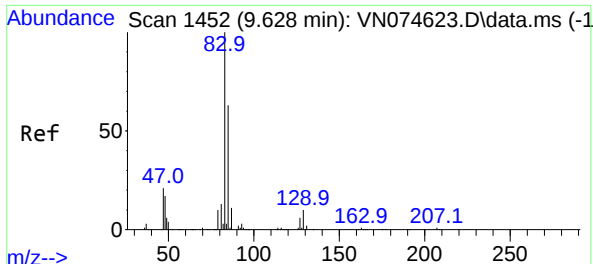
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#40
Dibromomethane
Concen: 4.240 ug/l
RT: 9.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

Tgt Ion: 93 Resp: 26171
Ion Ratio Lower Upper
93 100
95 84.3 0.0 168.0
174 81.9 0.0 158.4





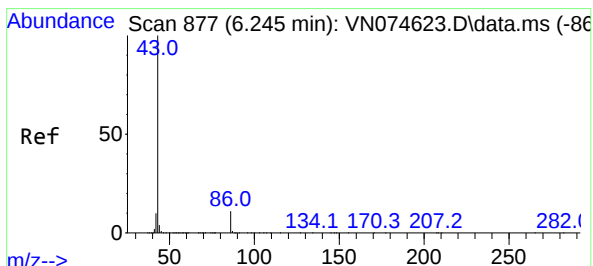
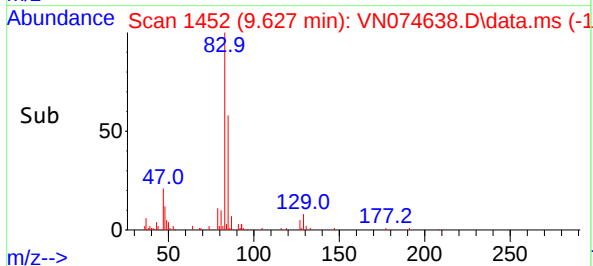
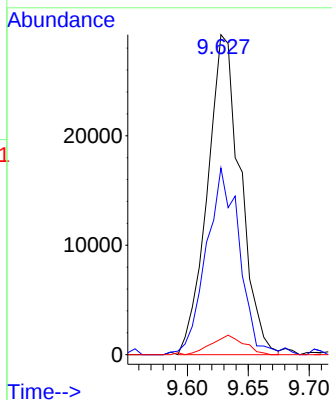
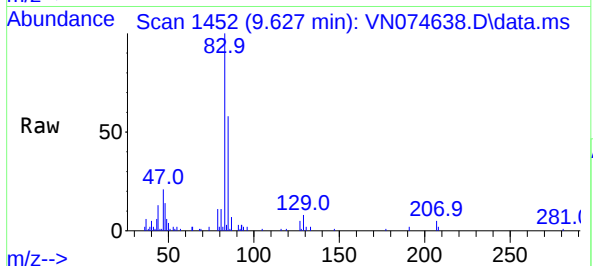
#41
Bromodichloromethane
Concen: 4.494 ug/l
RT: 9.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 83 Resp: 5514
Ion Ratio Lower Upper
83 100
85 57.3 50.2 75.4
127 5.5 5.1 7.7

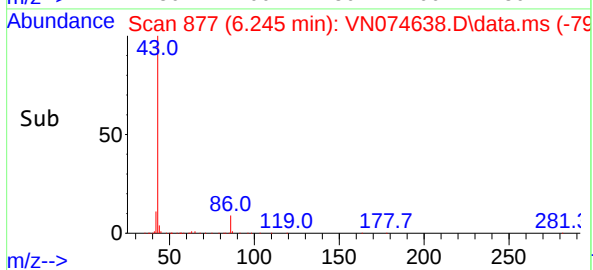
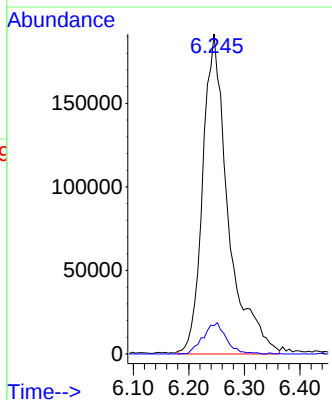
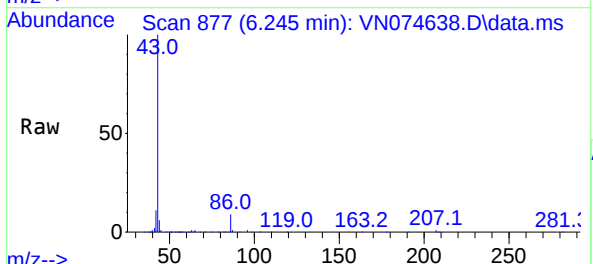
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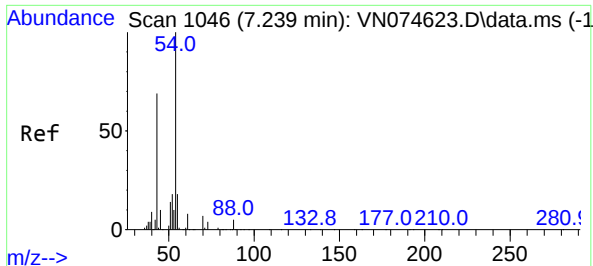
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#42
Vinyl Acetate
Concen: 22.608 ug/l m
RT: 6.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

Tgt Ion: 43 Resp: 612004
Ion Ratio Lower Upper
43 100
86 8.8 7.5 11.3





#43

Ethyl Acetate

Concen: 4.752 ug/l

RT: 7.251 min Scan# 1048

Delta R.T. 0.012 min

Lab File: VN074638.D

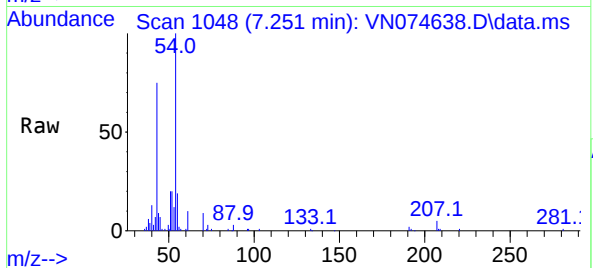
Acq: 27 Sep 2022 19:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 43 Resp: 7664

Ion Ratio Lower Upper

43 100

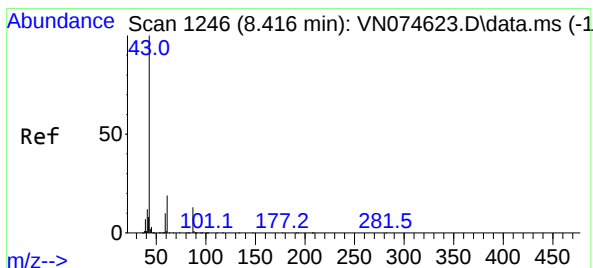
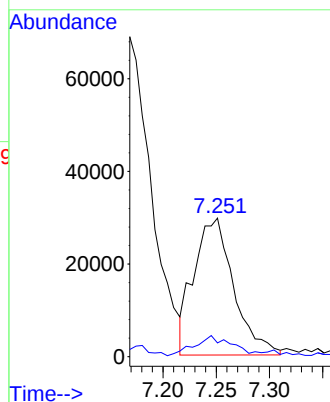
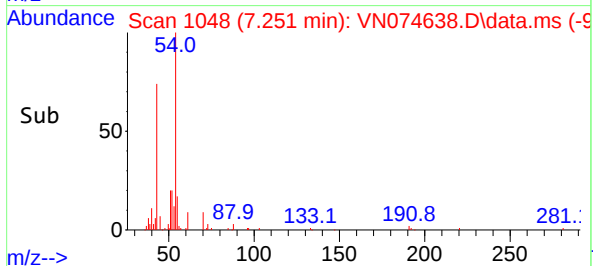
45 8.3 11.5 17.3

Manual Integrations

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Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#44

Isopropyl Acetate

Concen: 4.654 ug/l m

RT: 8.422 min Scan# 1247

Delta R.T. 0.006 min

Lab File: VN074638.D

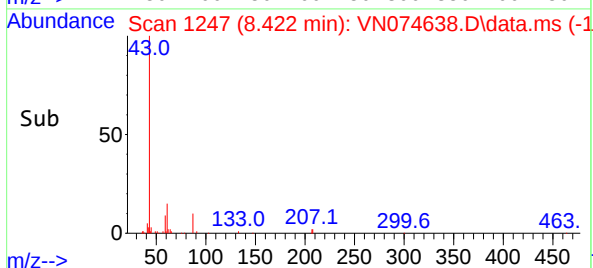
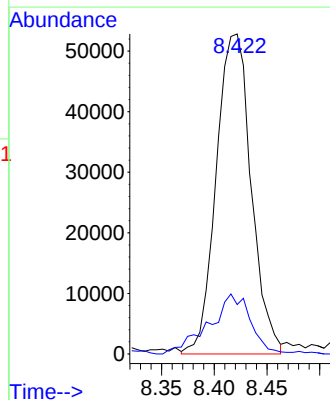
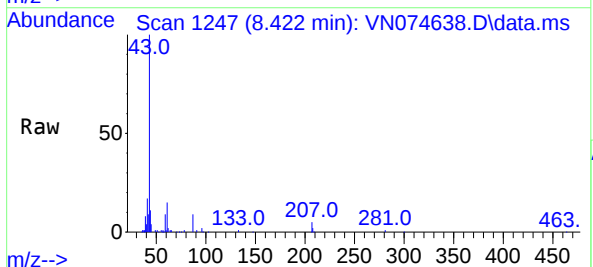
Acq: 27 Sep 2022 19:41

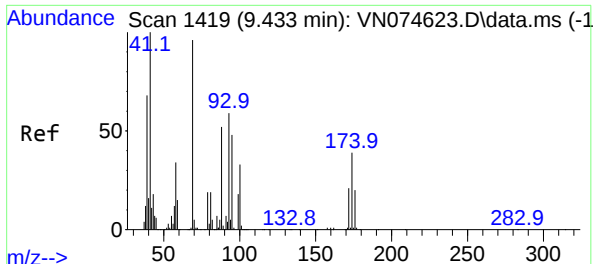
Tgt Ion: 43 Resp: 121886

Ion Ratio Lower Upper

43 100

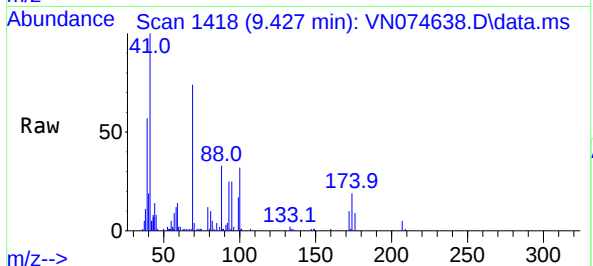
61 0.1 19.5 29.3





#45
1,4-Dioxane
Concen: 105.312 ug/l m
RT: 9.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

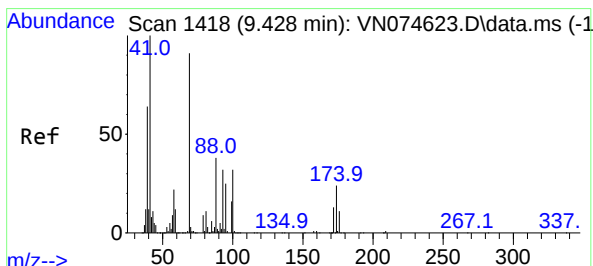
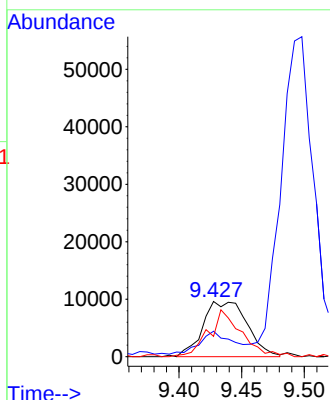
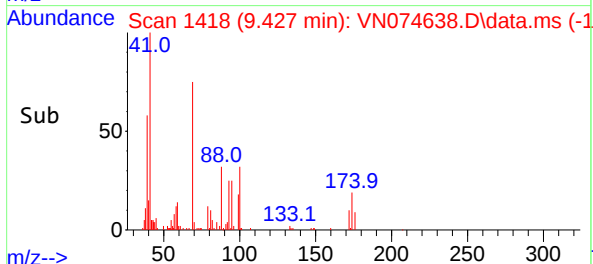
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 88 Resp: 23538
Ion Ratio Lower Upper
88 100
43 29.3 25.7 38.5
58 63.6 53.4 80.2

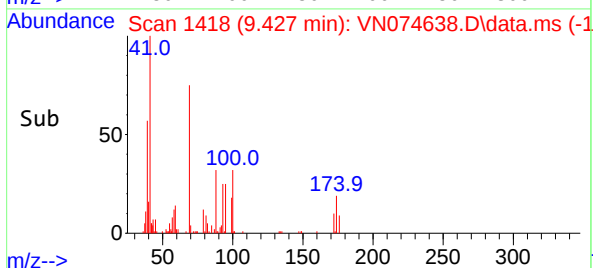
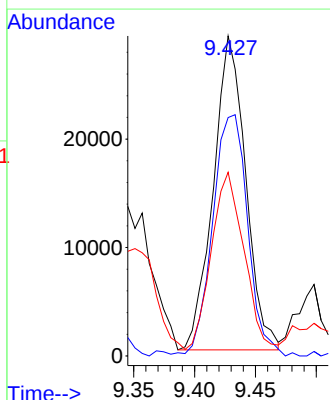
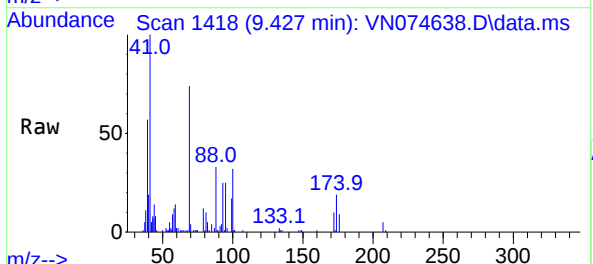
Manual Integrations
APPROVED

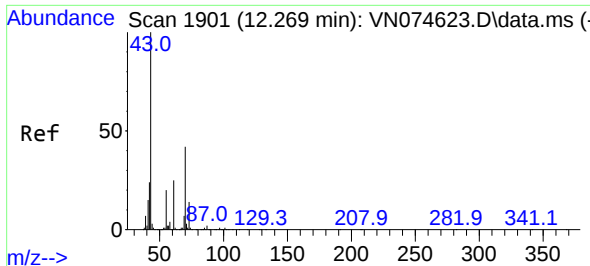
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#46
Methyl methacrylate
Concen: 4.929 ug/l
RT: 9.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

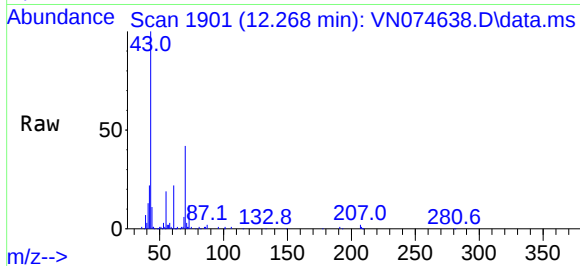
Tgt Ion: 41 Resp: 53767
Ion Ratio Lower Upper
41 100
69 74.9 45.6 136.7
39 55.1 32.3 96.9





#47
n-amy1 Acetate
Concen: 4.089 ug/l
RT: 12.268 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

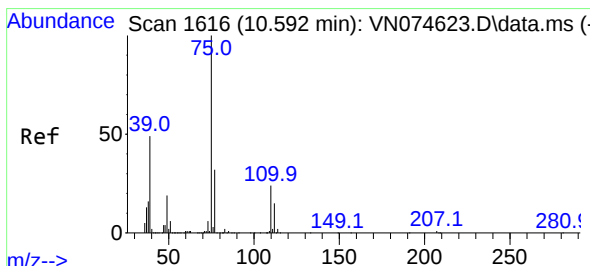
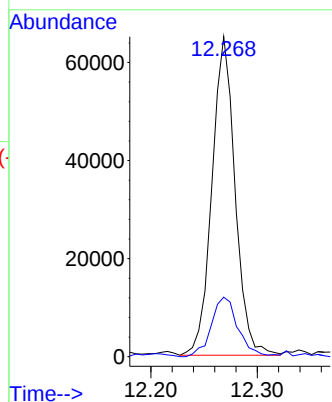
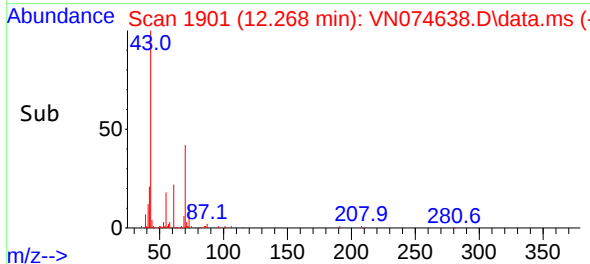
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



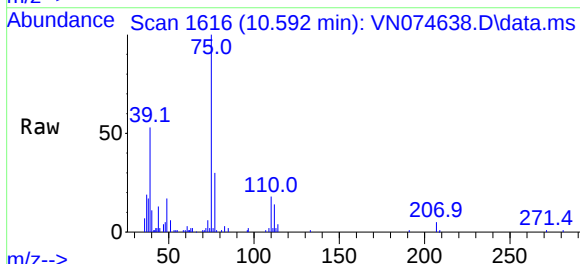
Tgt Ion: 43 Resp: 98024
Ion Ratio Lower Upper
43 100
55 21.7 16.8 25.2

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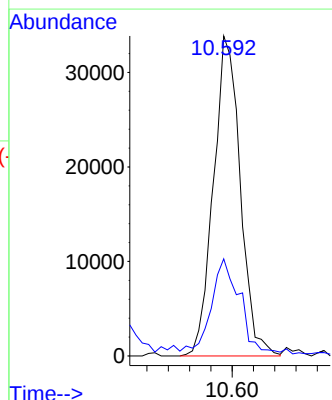
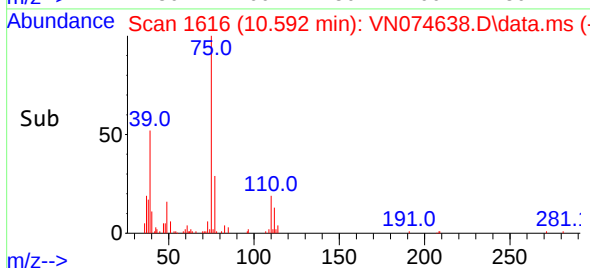
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

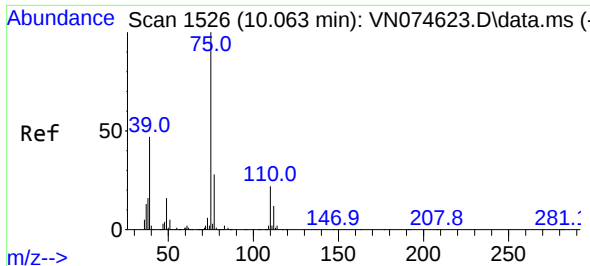


#48
t-1,3-Dichloropropene
Concen: 3.974 ug/l
RT: 10.592 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



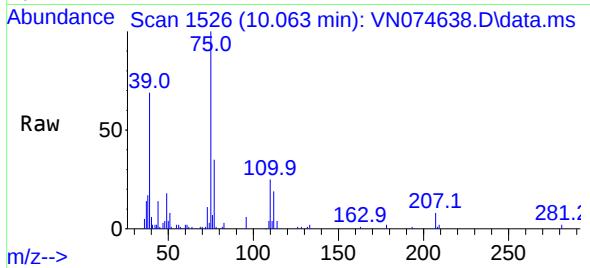
Tgt Ion: 75 Resp: 59194
Ion Ratio Lower Upper
75 100
77 29.3 25.8 38.8





#49
cis-1,3-Dichloropropene
Concen: 3.908 ug/l
RT: 10.063 min Scan# 1526
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

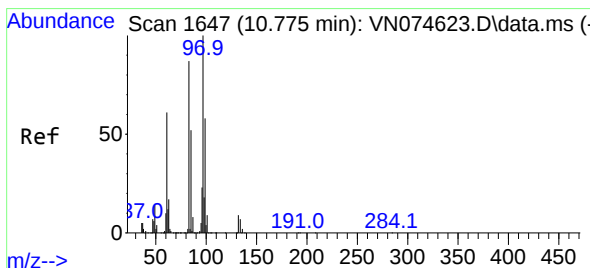
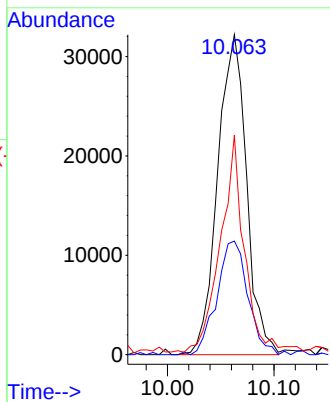
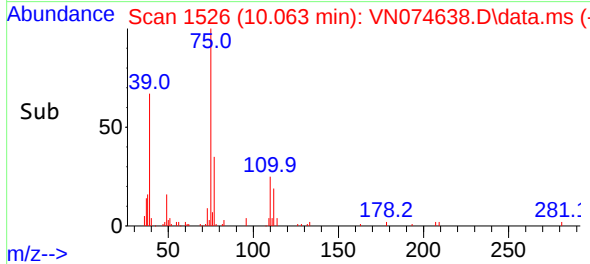
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 75 Resp: 6058
Ion Ratio Lower Upper
75 100
77 35.5 22.5 33.7
39 67.4 37.6 56.4

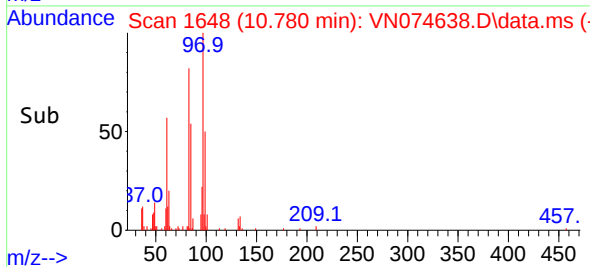
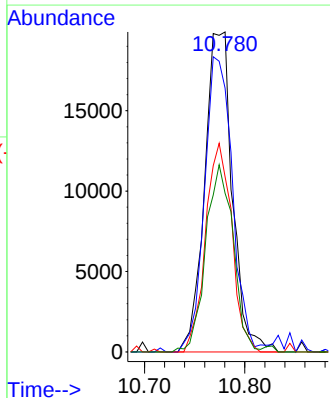
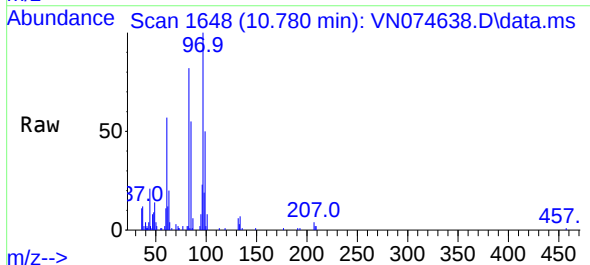
Manual Integrations
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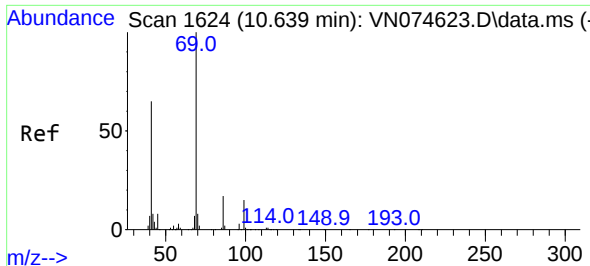
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#50
1,1,2-Trichloroethane
Concen: 4.299 ug/l
RT: 10.780 min Scan# 1648
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

Tgt Ion: 97 Resp: 38581
Ion Ratio Lower Upper
97 100
83 82.5 69.2 103.8
85 54.8 41.4 62.2
99 49.6 46.3 69.5





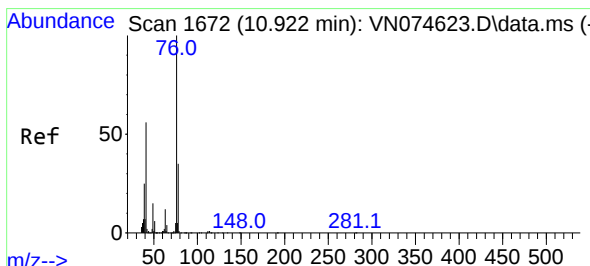
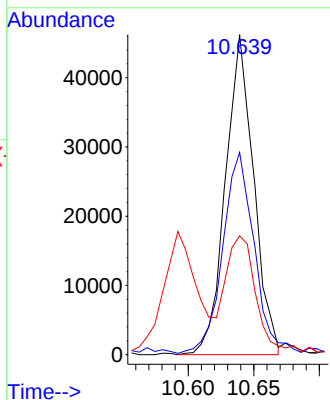
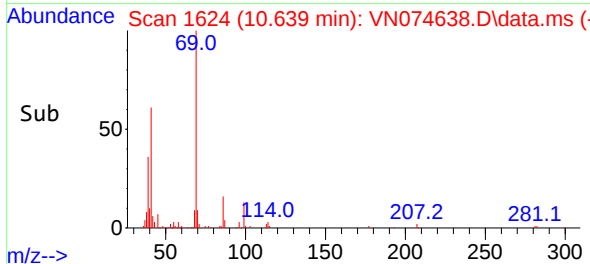
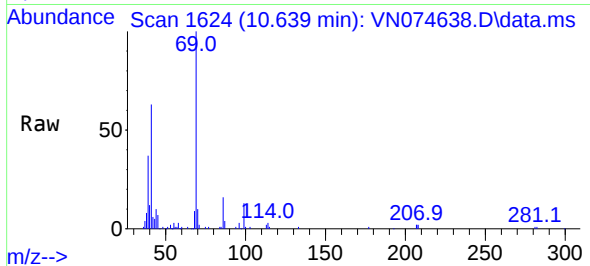
#51
Ethyl methacrylate
Concen: 4.116 ug/l
RT: 10.639 min Scan# 1624
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 69 Resp: 69263
Ion Ratio Lower Upper
69 100
41 62.8 32.5 97.5
39 34.4 21.5 64.5

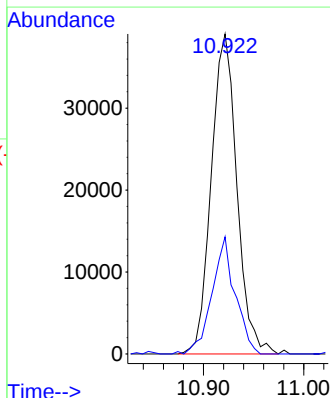
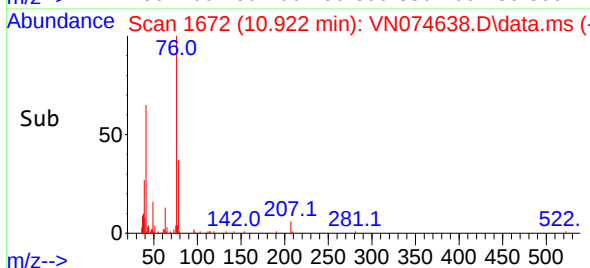
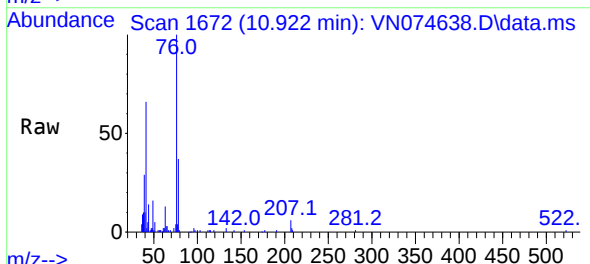
Manual Integrations
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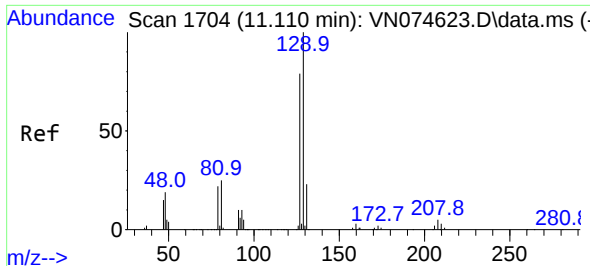
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#52
1,3-Dichloropropane
Concen: 4.354 ug/l
RT: 10.922 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

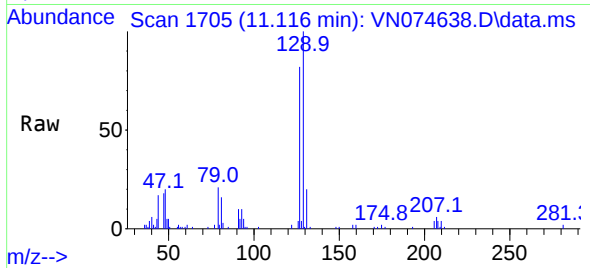
Tgt Ion: 76 Resp: 69264
Ion Ratio Lower Upper
76 100
78 33.1 0.0 63.8





#53
Dibromochloromethane
Concen: 3.761 ug/l
RT: 11.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

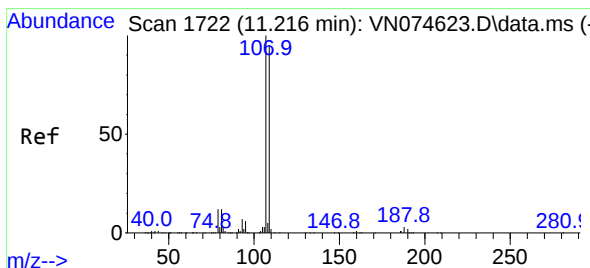
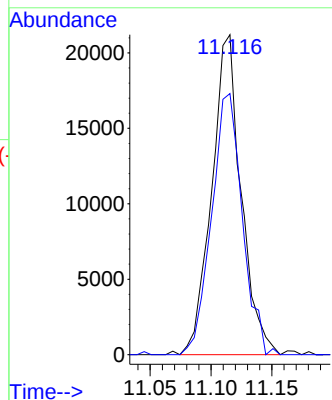
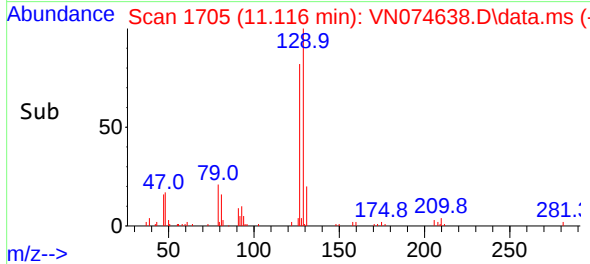
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



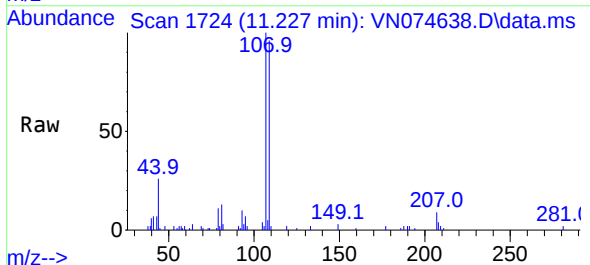
Tgt Ion:129 Resp: 3566
Ion Ratio Lower Upper
129 100
127 84.7 40.6 121.7

Manual Integrations
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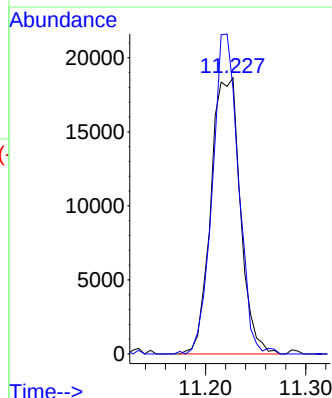
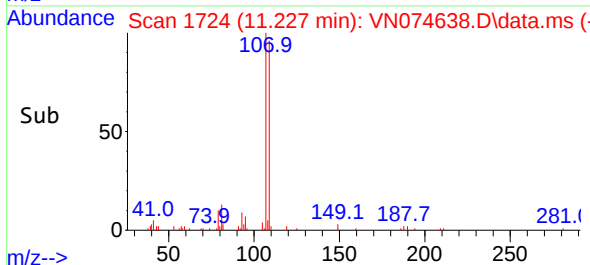
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

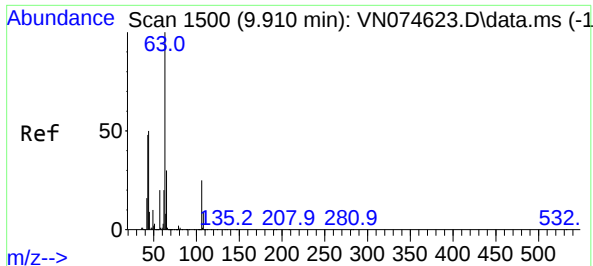


#54
1,2-Dibromoethane
Concen: 4.086 ug/l
RT: 11.227 min Scan# 1724
Delta R.T. 0.012 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



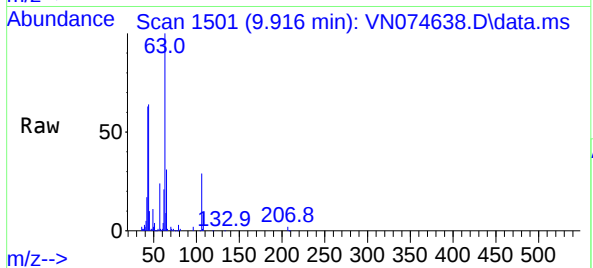
Tgt Ion:107 Resp: 37940
Ion Ratio Lower Upper
107 100
109 102.2 76.2 114.2





#55
2-Chloroethyl vinyl ether
Concen: 19.887 ug/l
RT: 9.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

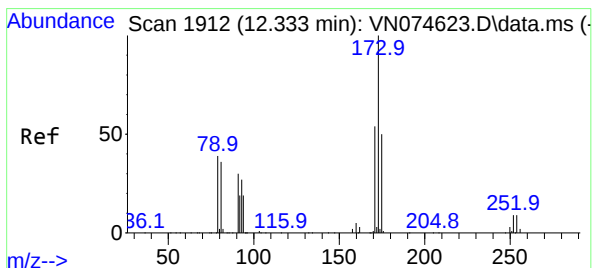
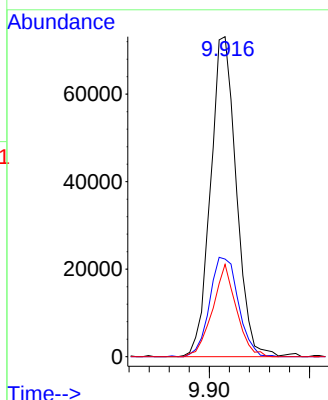
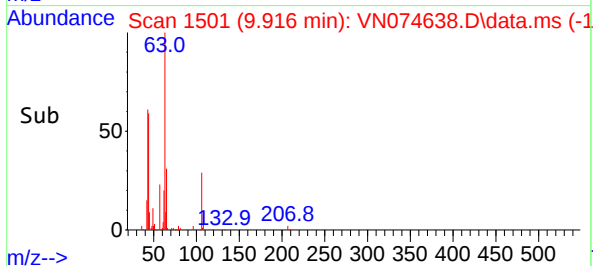
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



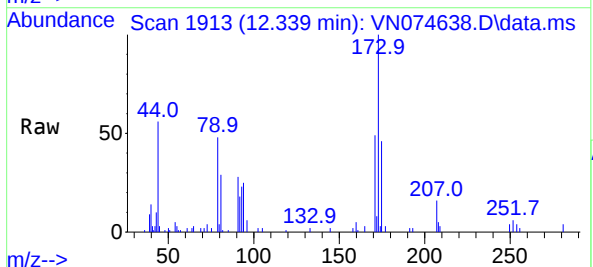
Tgt Ion: 63 Resp: 12987
Ion Ratio Lower Upper
63 100
65 34.7 24.6 36.8
106 26.8 21.3 31.9

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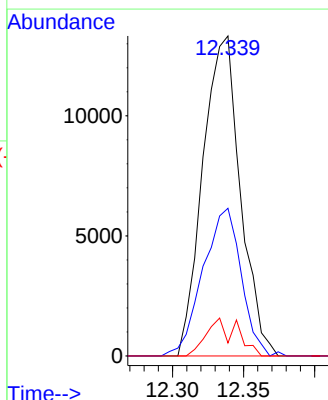
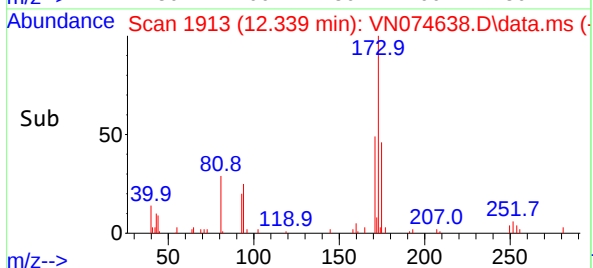
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

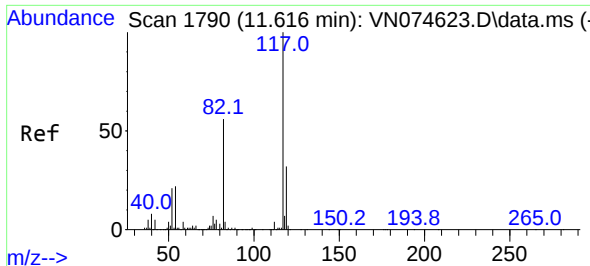


#56
Bromoform
Concen: 3.307 ug/l
RT: 12.339 min Scan# 1913
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



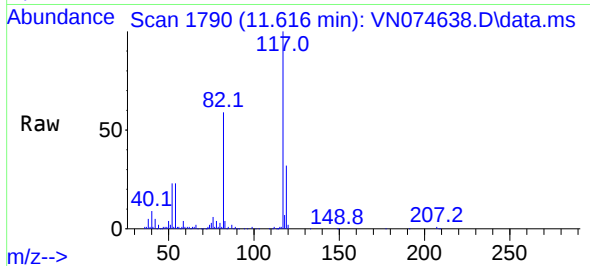
Tgt Ion: 173 Resp: 24514
Ion Ratio Lower Upper
173 100
175 46.8 39.1 58.7
254 6.2 7.0 10.6#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.616 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

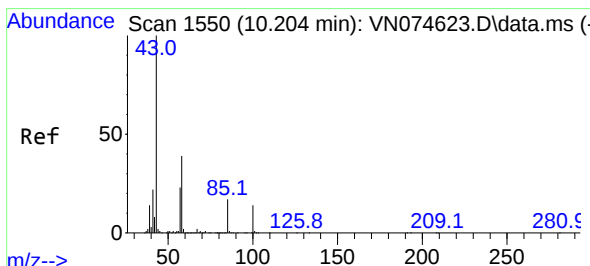
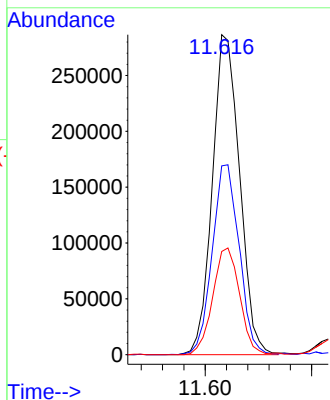
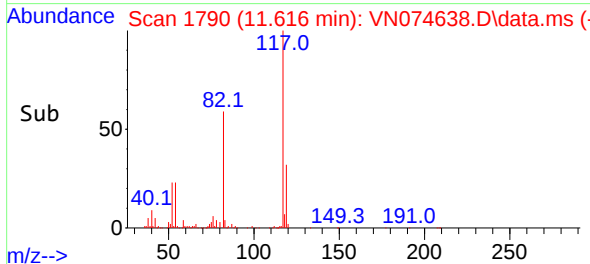
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 117 Resp: 509258
Ion Ratio Lower Upper
117 100
82 58.7 44.6 67.0
119 32.8 25.6 38.4

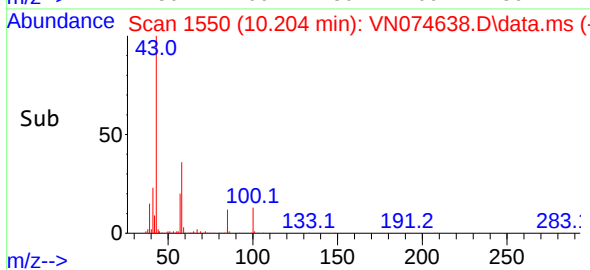
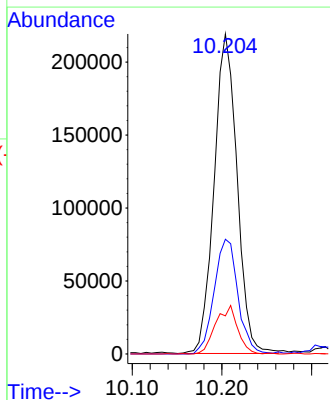
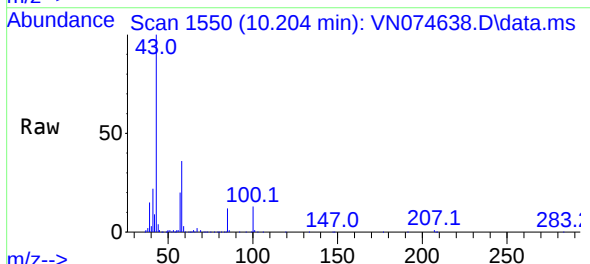
Manual Integrations
APPROVED

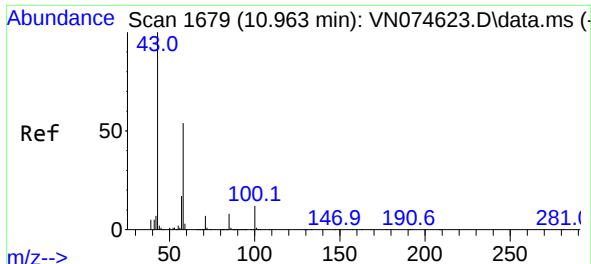
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#58
4-Methyl-2-Pentanone
Concen: 24.622 ug/l
RT: 10.204 min Scan# 1550
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

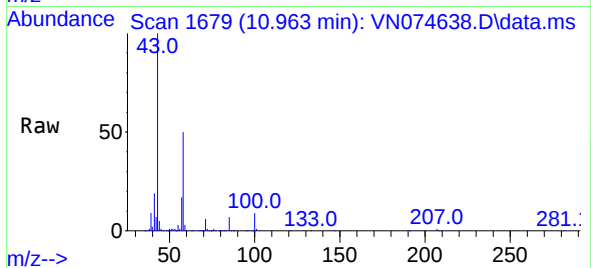
Tgt Ion: 43 Resp: 389135
Ion Ratio Lower Upper
43 100
58 37.1 30.8 46.2
85 14.5 13.3 19.9





#59
2-Hexanone
Concen: 24.393 ug/l
RT: 10.963 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

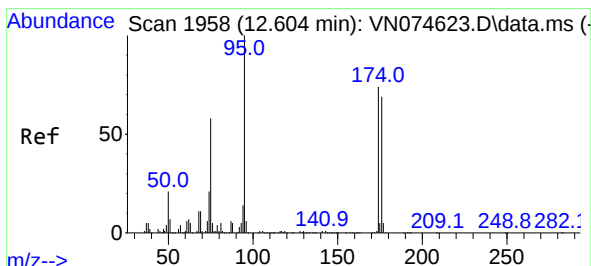
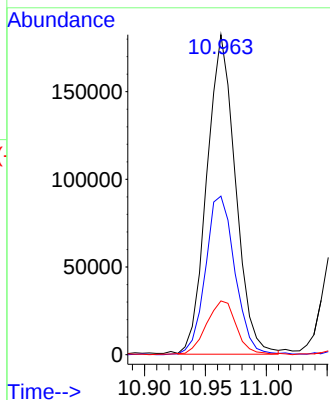
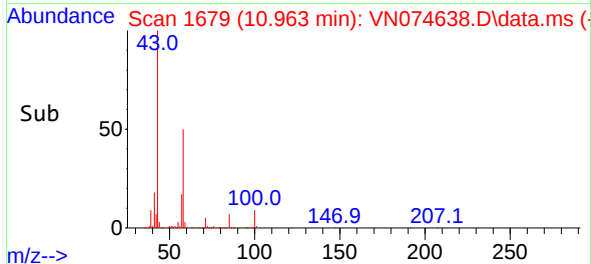
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



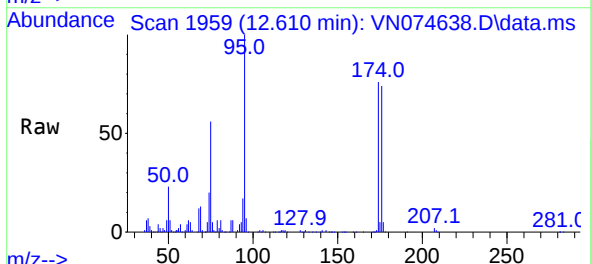
Tgt Ion: 43 Resp: 29858
Ion Ratio Lower Upper
43 100
58 51.1 43.6 65.4
57 17.7 14.3 21.5

Manual Integrations
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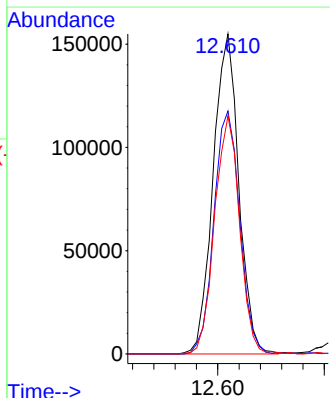
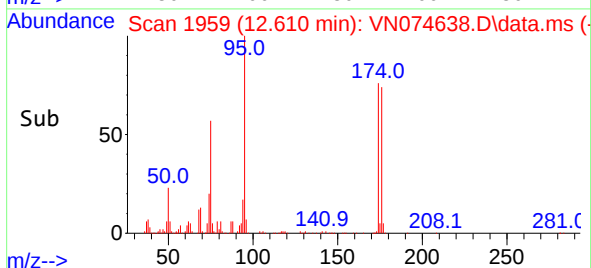
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

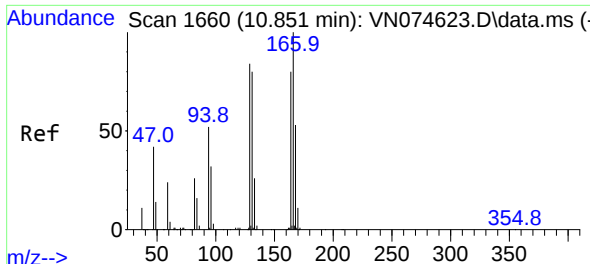


#60
4-Bromofluorobenzene
Concen: 26.153 ug/l
RT: 12.610 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



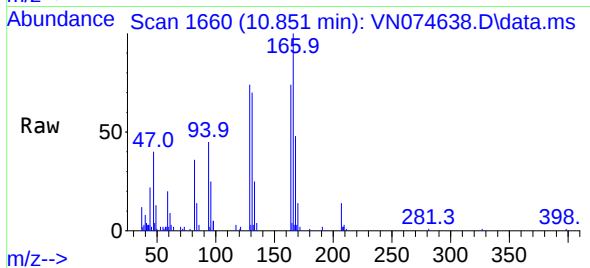
Tgt Ion: 95 Resp: 258712
Ion Ratio Lower Upper
95 100
174 76.4 57.8 86.8
176 72.0 57.0 85.4





#61
Tetrachloroethene
Concen: 4.519 ug/l
RT: 10.851 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

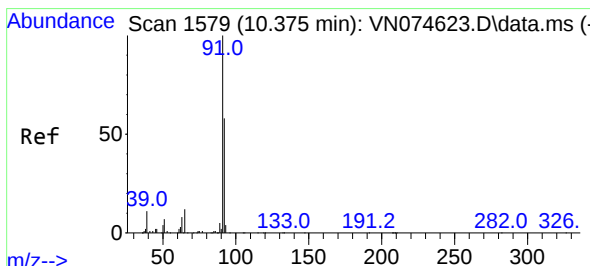
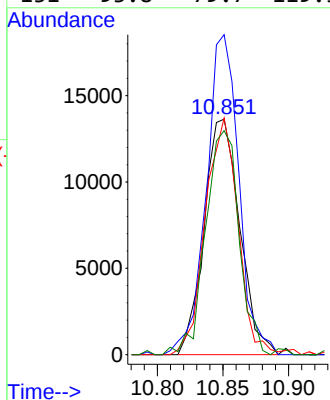
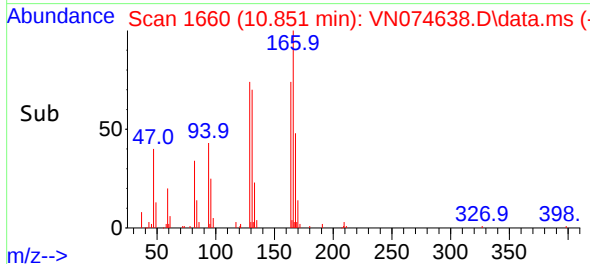


Tgt Ion:164 Resp: 2567

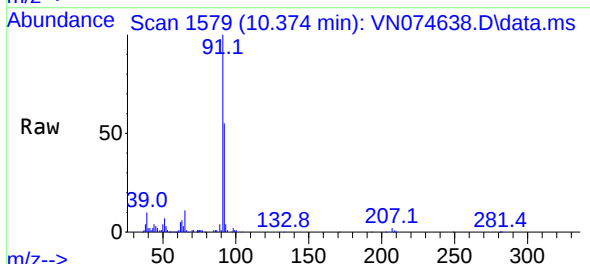
Ion	Ratio	Lower	Upper
164	100		
166	135.9	99.6	149.4
129	99.3	84.0	126.0
131	93.8	79.7	119.5

Manual Integrations
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Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

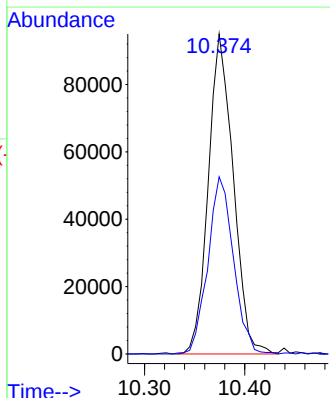
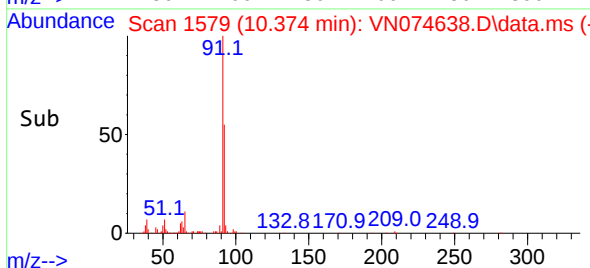


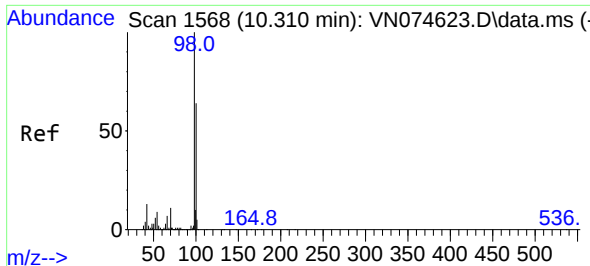
#62
Toluene
Concen: 4.404 ug/l
RT: 10.374 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



Tgt Ion: 91 Resp: 164227

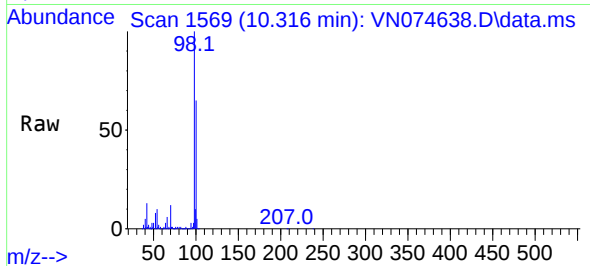
Ion	Ratio	Lower	Upper
91	100		
92	56.8	46.0	69.0





#63
Toluene-d8
Concen: 31.678 ug/l
RT: 10.316 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

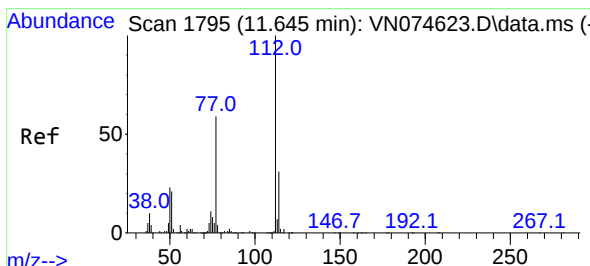
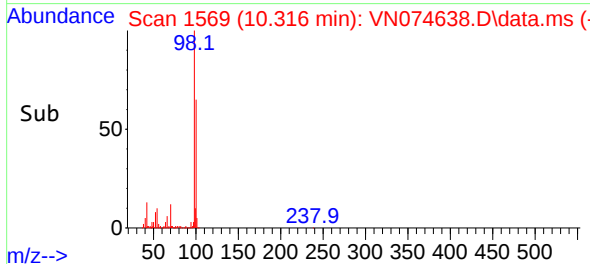
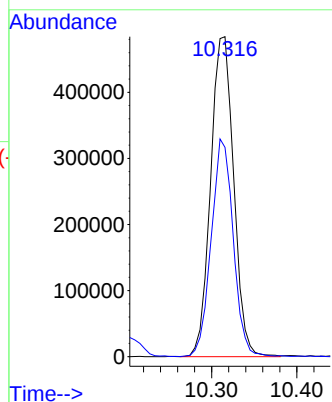
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 98 Resp: 909960
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1

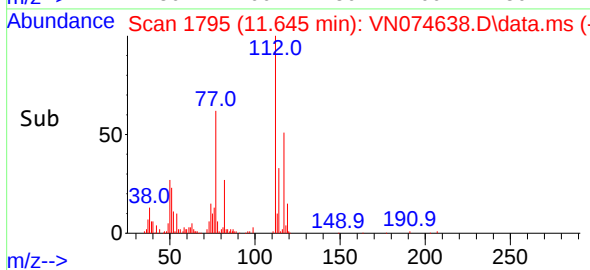
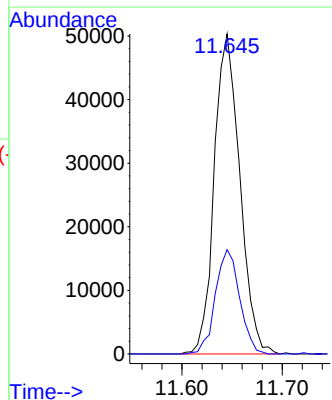
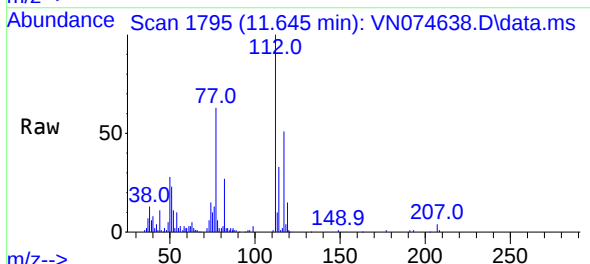
Manual Integrations
APPROVED

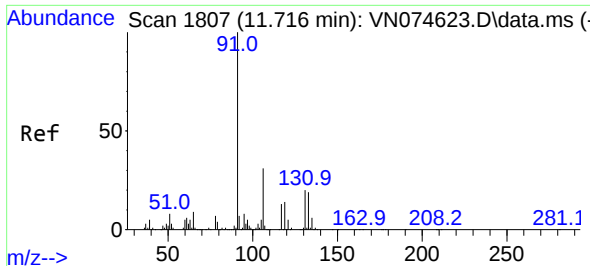
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#64
Chlorobenzene
Concen: 4.166 ug/l
RT: 11.645 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

Tgt Ion:112 Resp: 89028
Ion Ratio Lower Upper
112 100
114 32.6 24.7 37.1





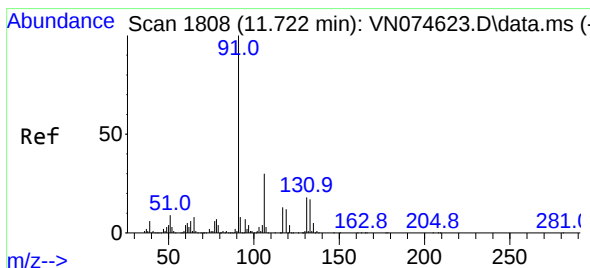
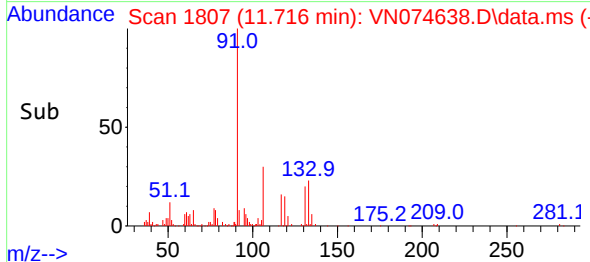
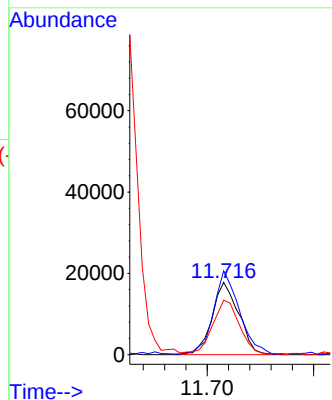
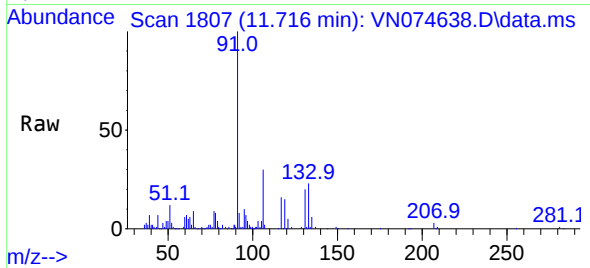
#65
1,1,1,2-Tetrachloroethane
Concen: 3.853 ug/l
RT: 11.716 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion:131 Resp: 30938
Ion Ratio Lower Upper
131 100
133 113.2 0.0 191.8
119 76.5 0.0 135.8

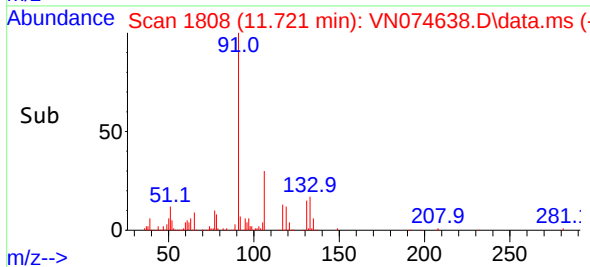
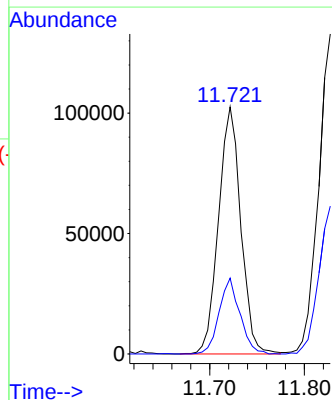
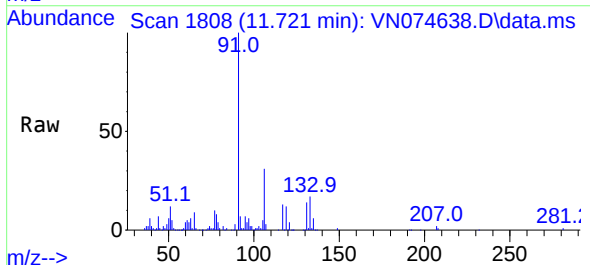
Manual Integrations
APPROVED

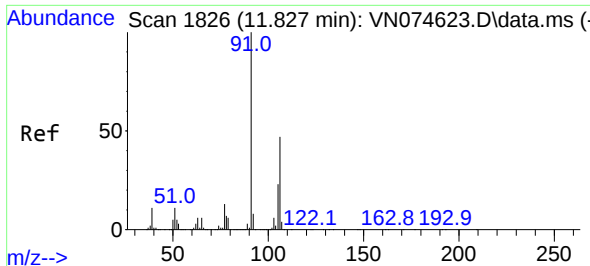
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#66
Ethyl Benzene
Concen: 4.245 ug/l
RT: 11.721 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

Tgt Ion: 91 Resp: 168096
Ion Ratio Lower Upper
91 100
106 30.7 24.1 36.1





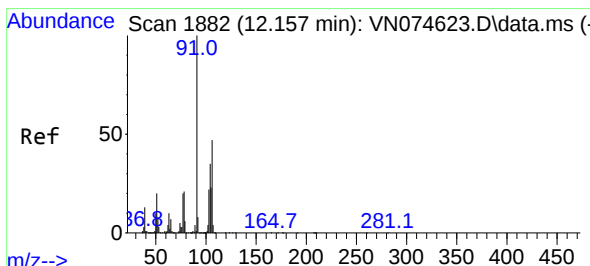
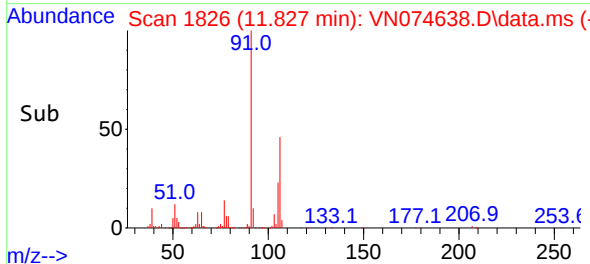
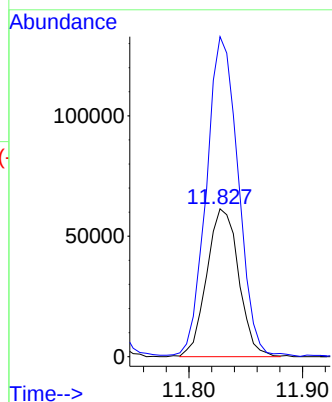
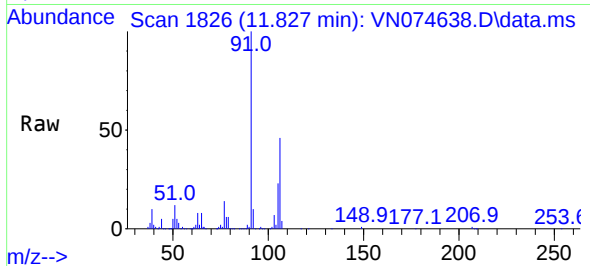
#67
m/p-Xylenes
Concen: 7.538 ug/l
RT: 11.827 min Scan# 1184
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion:106 Resp: 11984
Ion Ratio Lower Upper
106 100
91 215.8 164.2 246.4

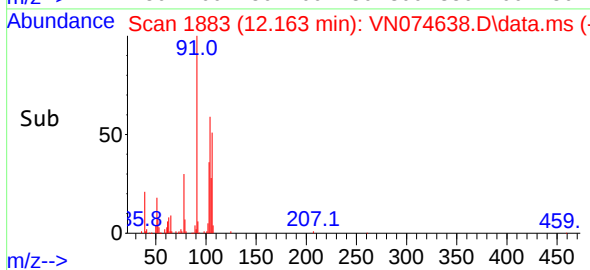
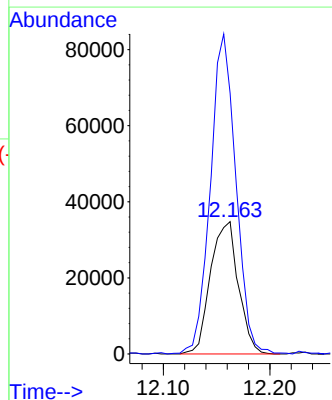
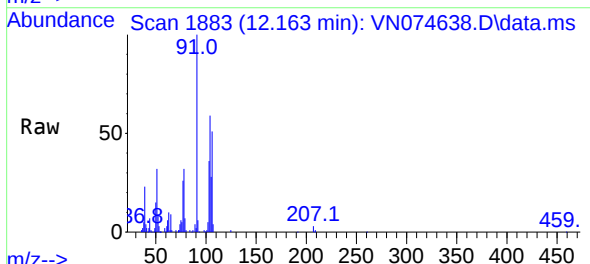
Manual Integrations
APPROVED

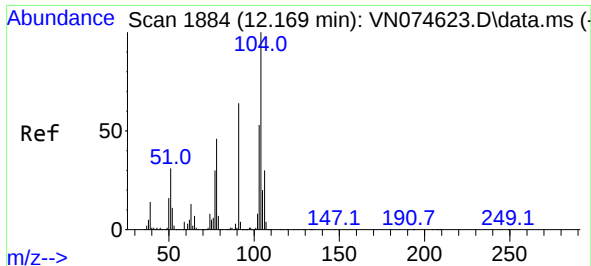
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#68
o-Xylene
Concen: 3.896 ug/l
RT: 12.163 min Scan# 1883
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

Tgt Ion:106 Resp: 63064
Ion Ratio Lower Upper
106 100
91 221.5 108.5 325.5





#69

Styrene

Concen: 3.517 ug/l

RT: 12.168 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN074638.D

Acq: 27 Sep 2022 19:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

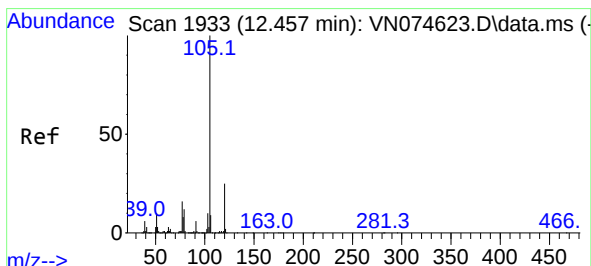
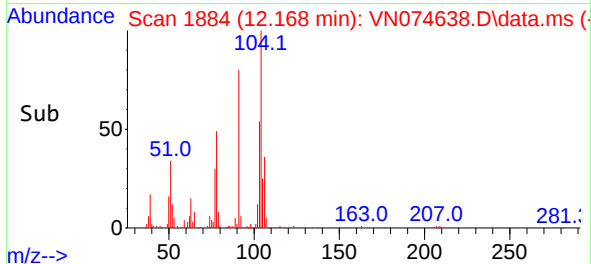
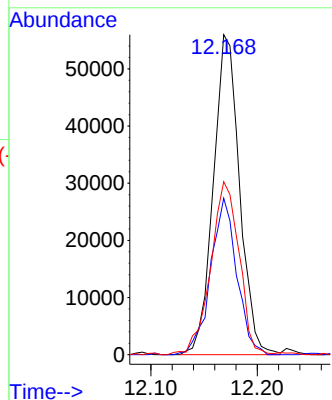
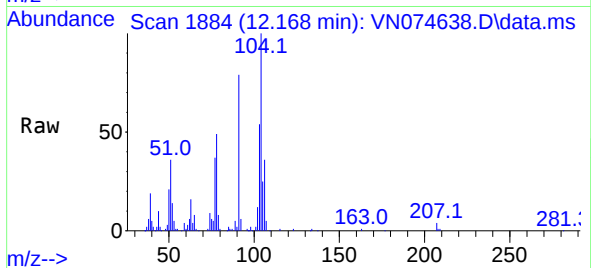
Tgt Ion:104	Resp:	95770
Ion Ratio	Lower	Upper
104	100	
78	48.9	39.9 59.9
103	57.9	43.8 65.8

Manual Integrations

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Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#70

Isopropylbenzene

Concen: 3.730 ug/l

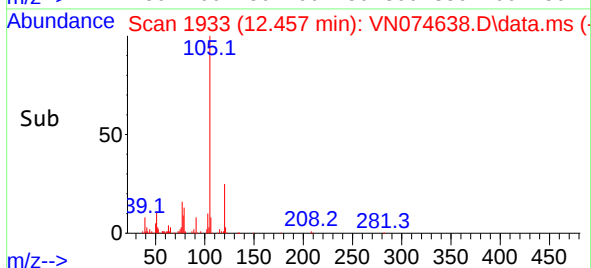
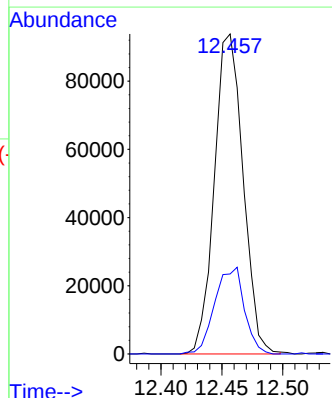
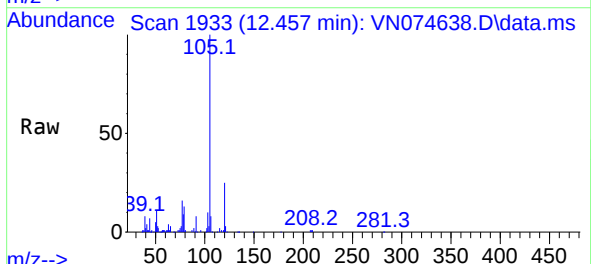
RT: 12.457 min Scan# 1933

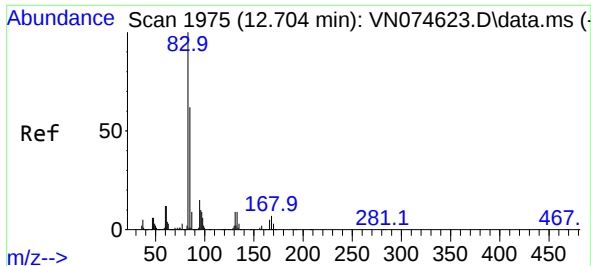
Delta R.T. -0.000 min

Lab File: VN074638.D

Acq: 27 Sep 2022 19:41

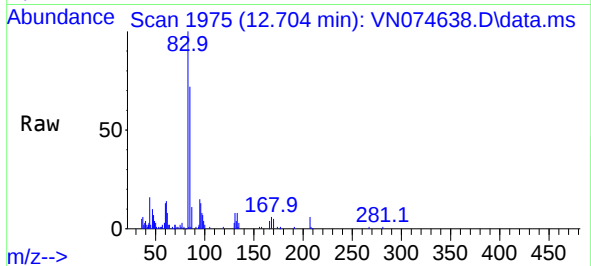
Tgt Ion:105	Resp:	154047
Ion Ratio	Lower	Upper
105	100	
120	27.8	18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 4.409 ug/l
RT: 12.704 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

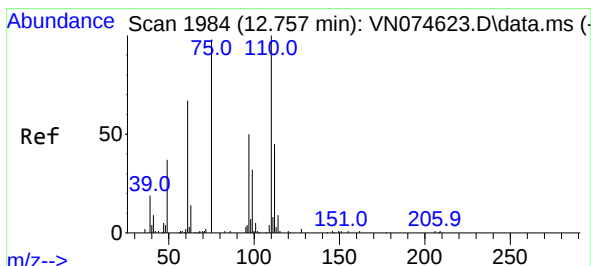
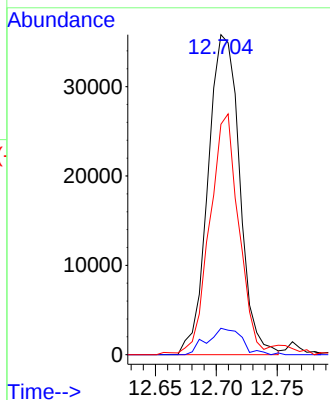
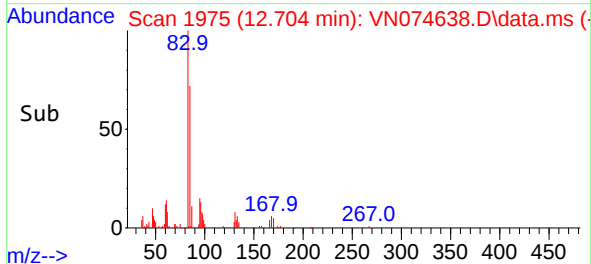
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



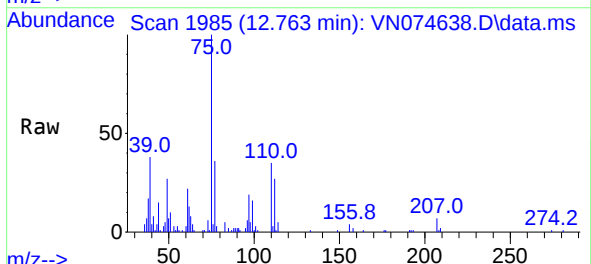
Tgt Ion: 83 Resp: 6463
Ion Ratio Lower Upper
83 100
131 6.8 4.5 13.5
85 68.7 30.9 92.7

Manual Integrations
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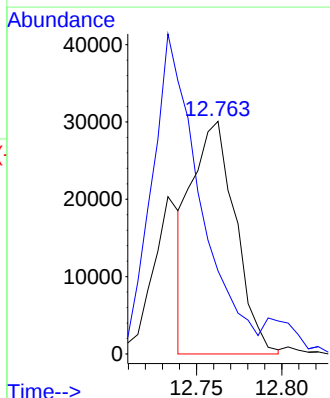
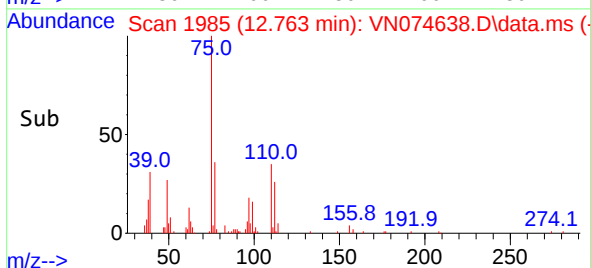
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

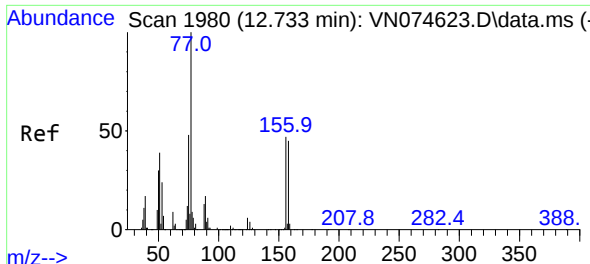


#72
1,2,3-Trichloropropane
Concen: 4.875 ug/l
RT: 12.763 min Scan# 1985
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



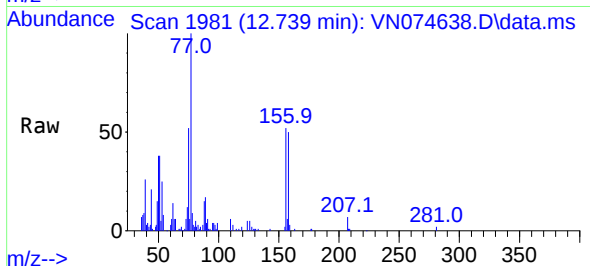
Tgt Ion: 75 Resp: 54099
Ion Ratio Lower Upper
75 100
77 0.0 0.0 372.4





#73
Bromobenzene
Concen: 3.930 ug/l
RT: 12.739 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

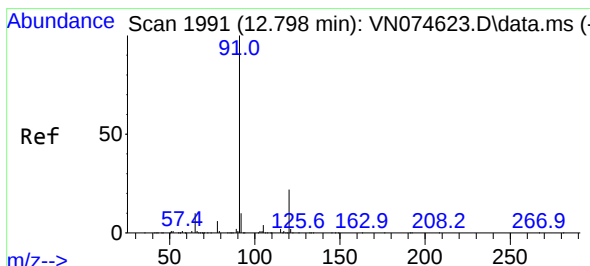
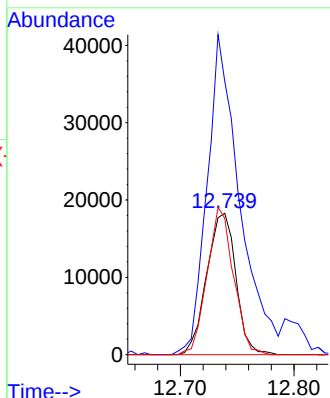
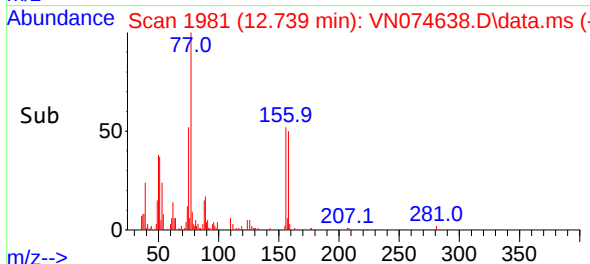
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



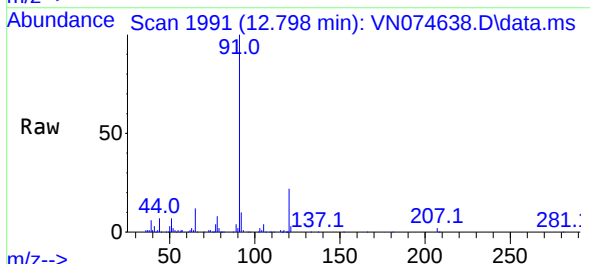
Tgt Ion:156 Resp: 32614
Ion Ratio Lower Upper
156 100
77 252.4 0.0 491.8
158 94.2 0.0 185.0

Manual Integrations
APPROVED

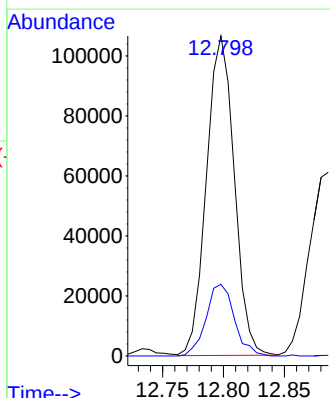
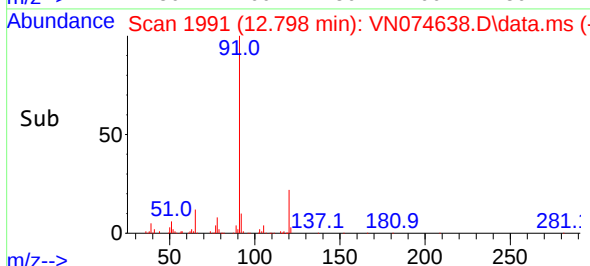
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

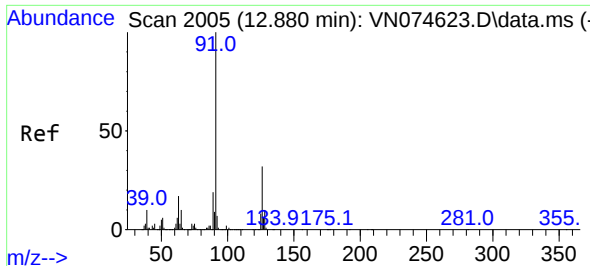


#74
n-propylbenzene
Concen: 3.638 ug/l
RT: 12.798 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



Tgt Ion: 91 Resp: 169301
Ion Ratio Lower Upper
91 100
120 22.8 0.0 44.6





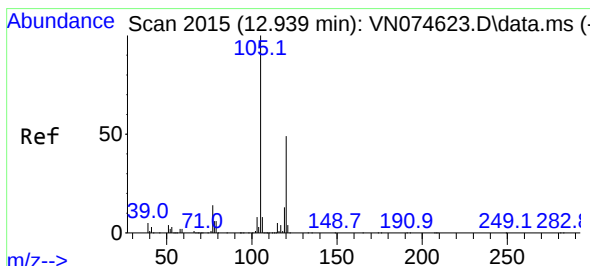
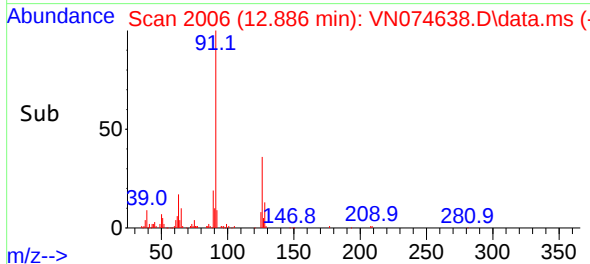
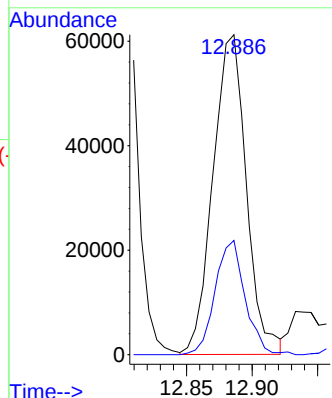
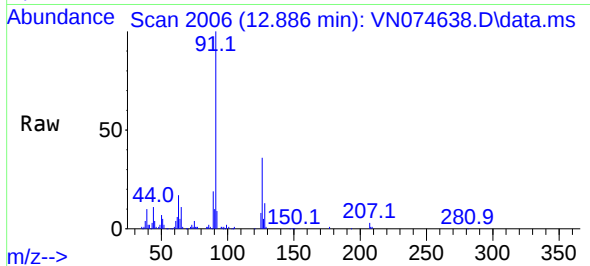
#75
2-Chlorotoluene
Concen: 3.838 ug/l
RT: 12.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 91 Resp: 10835
Ion Ratio Lower Upper
91 100
126 31.7 0.0 66.2

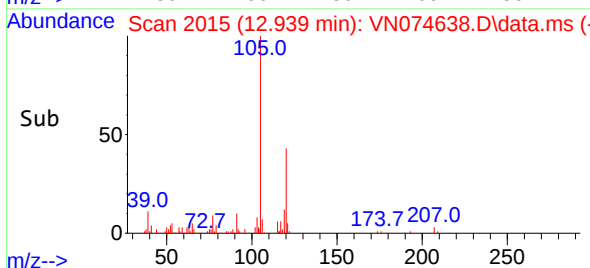
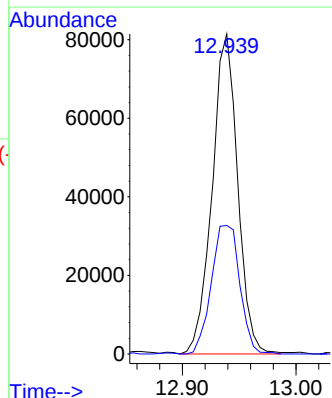
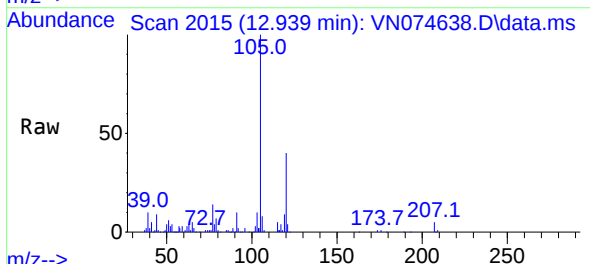
Manual Integrations
APPROVED

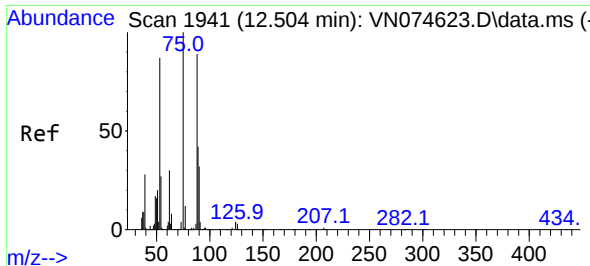
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#76
1,3,5-Trimethylbenzene
Concen: 3.653 ug/l
RT: 12.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

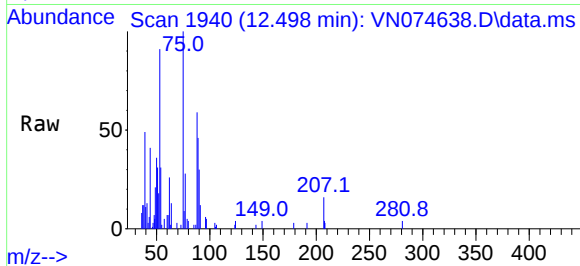
Tgt Ion:105 Resp: 127209
Ion Ratio Lower Upper
105 100
120 44.7 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 3.622 ug/l
RT: 12.498 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

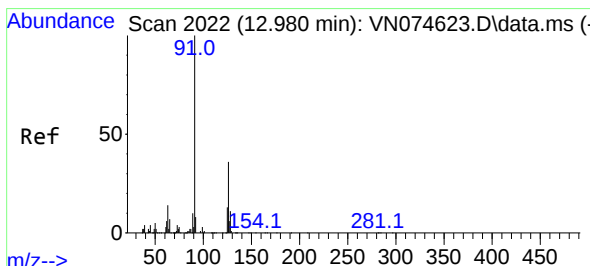
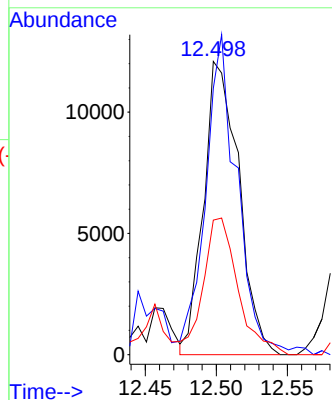
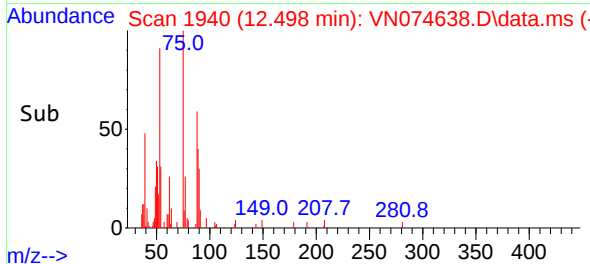
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 75 Resp: 20820
Ion Ratio Lower Upper
75 100
53 87.9 43.3 129.9
89 44.1 21.1 63.1

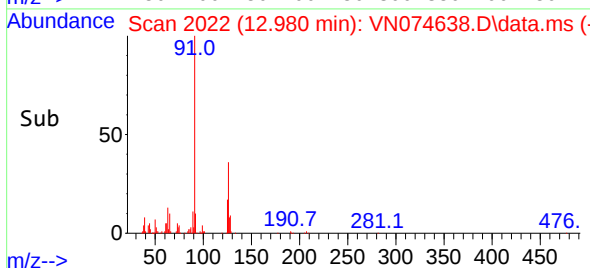
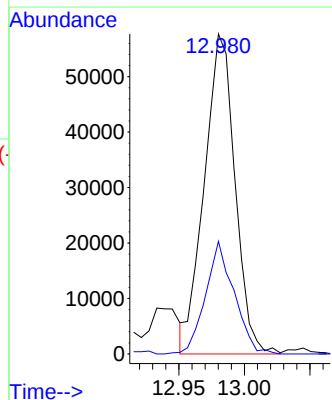
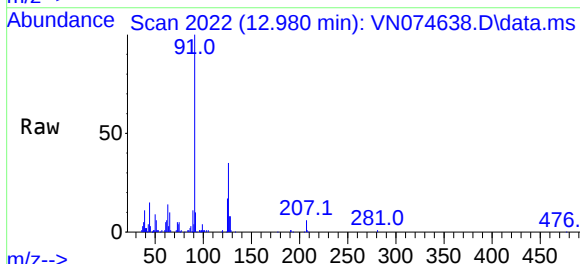
Manual Integrations
APPROVED

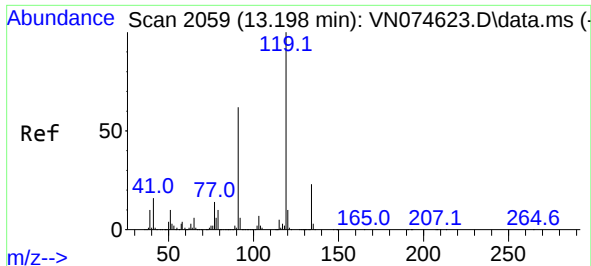
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#78
4-Chlorotoluene
Concen: 3.319 ug/l
RT: 12.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

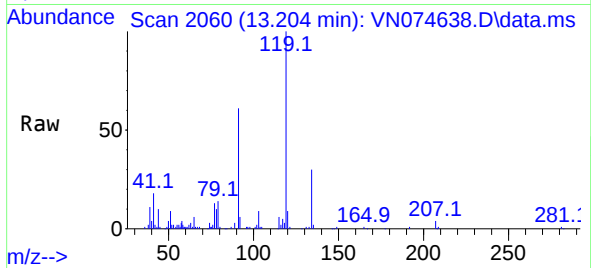
Tgt Ion: 91 Resp: 93882
Ion Ratio Lower Upper
91 100
126 32.4 0.0 67.8





#79
tert-butylbenzene
Concen: 3.528 ug/l
RT: 13.204 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

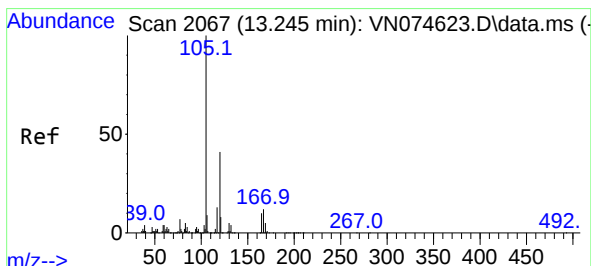
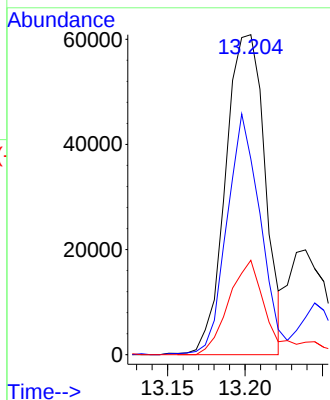
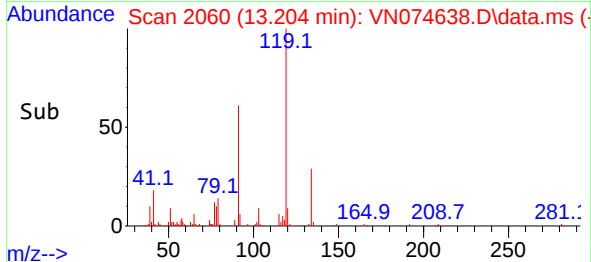
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



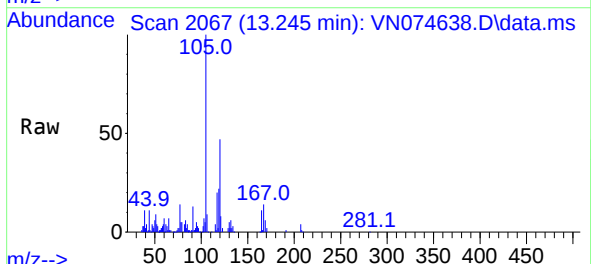
Tgt Ion:119 Resp: 107499
Ion Ratio Lower Upper
119 100
91 64.1 0.0 129.0
134 27.3 0.0 52.2

Manual Integrations
APPROVED

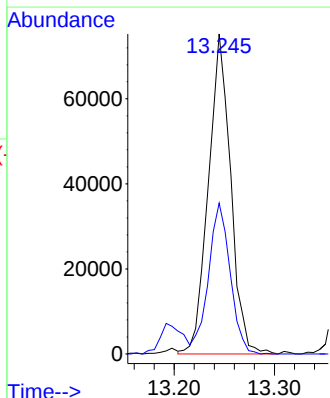
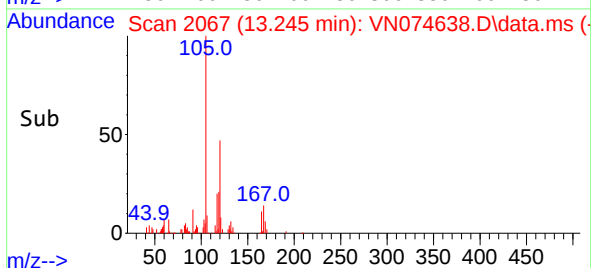
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

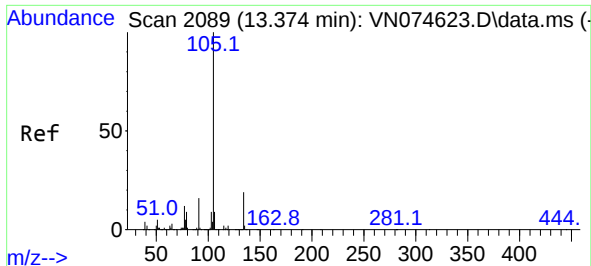


#80
1,2,4-Trimethylbenzene
Concen: 3.381 ug/l
RT: 13.245 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



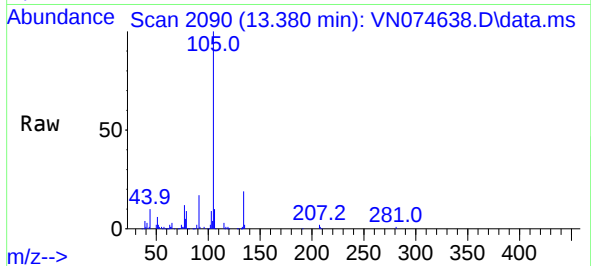
Tgt Ion:105 Resp: 116272
Ion Ratio Lower Upper
105 100
120 45.8 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 3.259 ug/l
 RT: 13.380 min Scan# 2089
 Delta R.T. 0.006 min
 Lab File: VN074638.D
 Acq: 27 Sep 2022 19:41

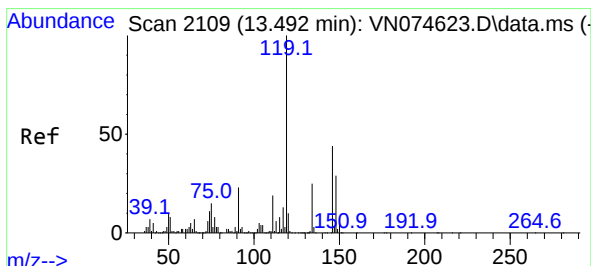
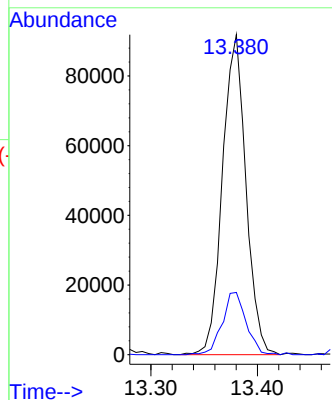
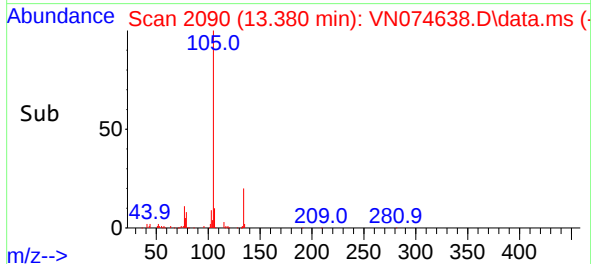
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022



Tgt Ion:105 Resp: 14055
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 38.8

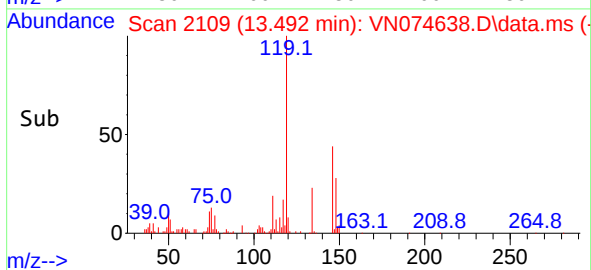
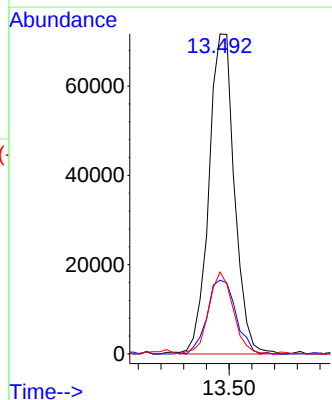
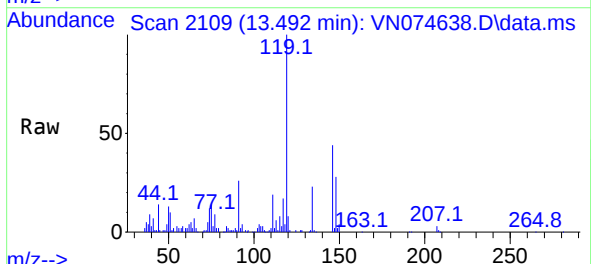
Manual Integrations
 APPROVED

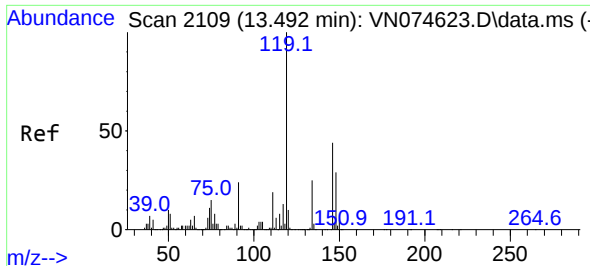
Reviewed By :John Carlone 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#82
 p-Isopropyltoluene
 Concen: 3.154 ug/l
 RT: 13.492 min Scan# 2109
 Delta R.T. -0.000 min
 Lab File: VN074638.D
 Acq: 27 Sep 2022 19:41

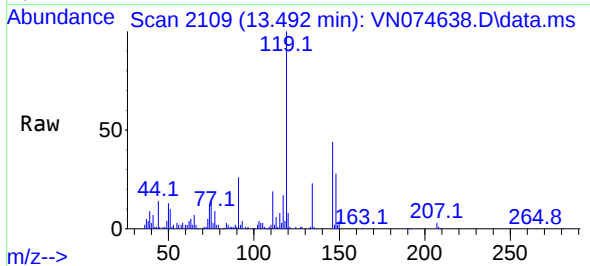
Tgt Ion:119 Resp: 111890
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 51.4
 91 24.5 0.0 46.8





#83
1,3-Dichlorobenzene
Concen: 3.209 ug/l
RT: 13.492 min Scan# 2109
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

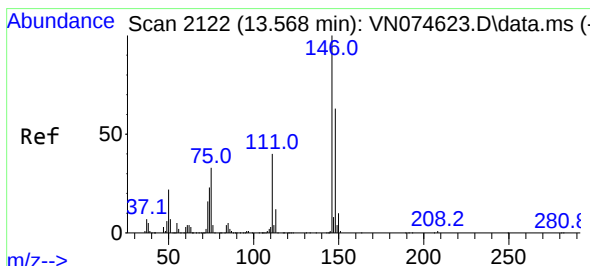
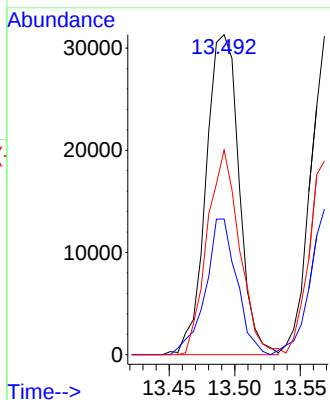
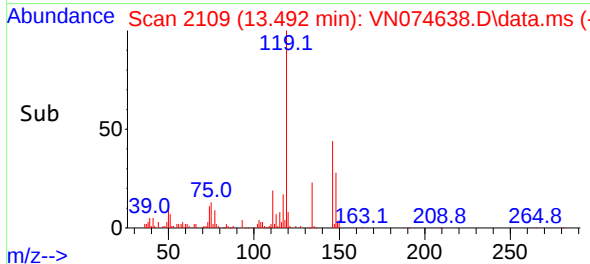
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



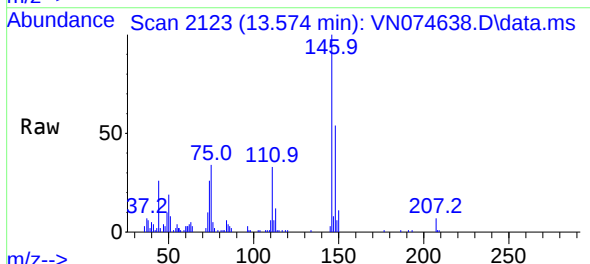
Tgt Ion:146 Resp: 5472
Ion Ratio Lower Upper
146 100
111 40.2 20.5 61.5
148 63.1 31.0 93.0

Manual Integrations
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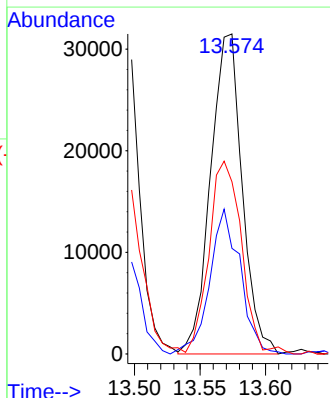
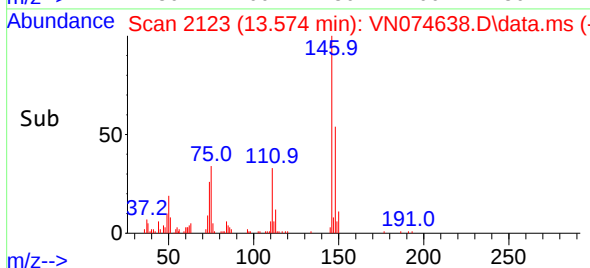
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

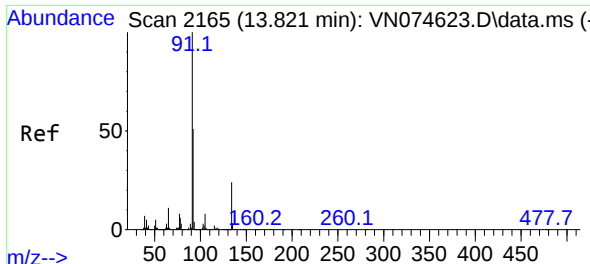


#84
1,4-Dichlorobenzene
Concen: 3.113 ug/l
RT: 13.574 min Scan# 2123
Delta R.T. 0.006 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



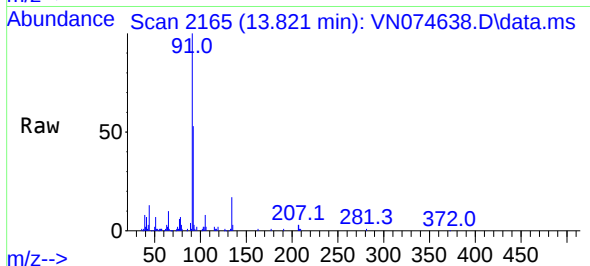
Tgt Ion:146 Resp: 52803
Ion Ratio Lower Upper
146 100
111 43.6 19.1 57.5
148 61.0 31.7 95.1





#85
n-Butylbenzene
Concen: 3.047 ug/l
RT: 13.821 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

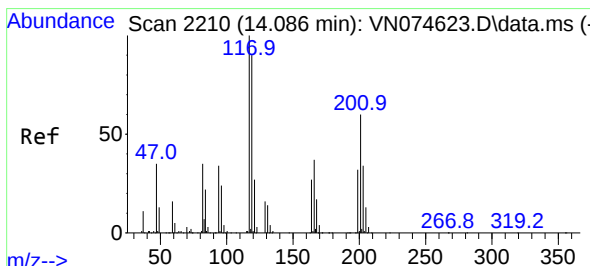
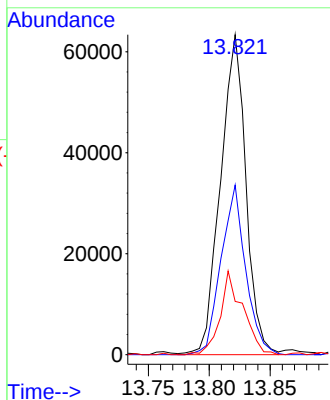
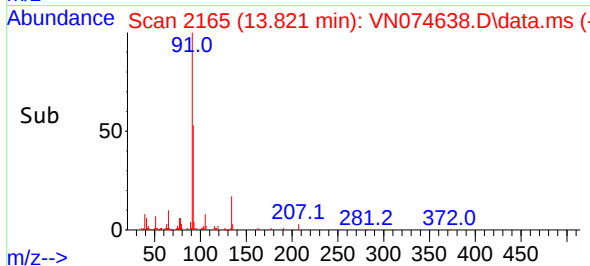
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 91 Resp: 9224
Ion Ratio Lower Upper
91 100
92 51.3 0.0 105.4
134 23.3 0.0 46.4

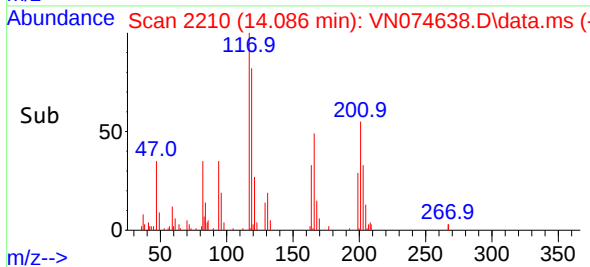
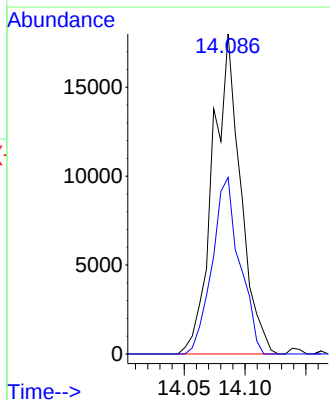
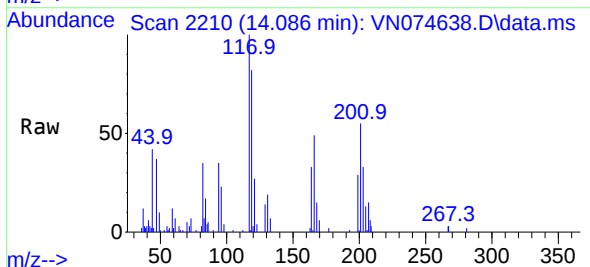
Manual Integrations
APPROVED

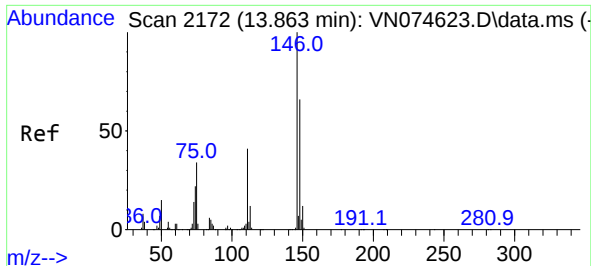
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#86
Hexachloroethane
Concen: 4.202 ug/l
RT: 14.086 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

Tgt Ion:117 Resp: 28715
Ion Ratio Lower Upper
117 100
201 54.3 29.4 88.3





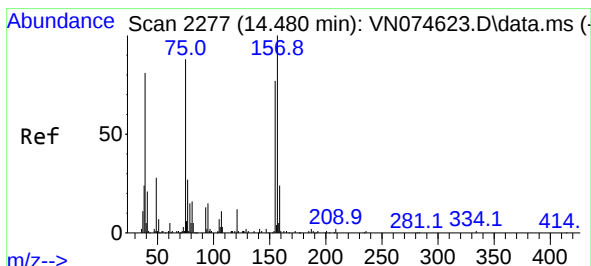
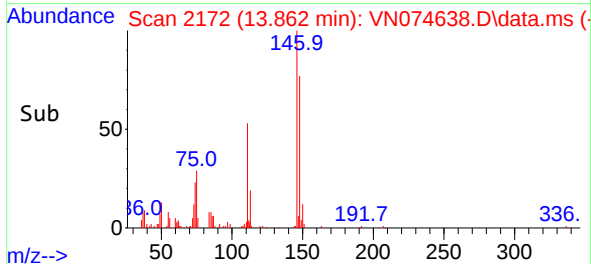
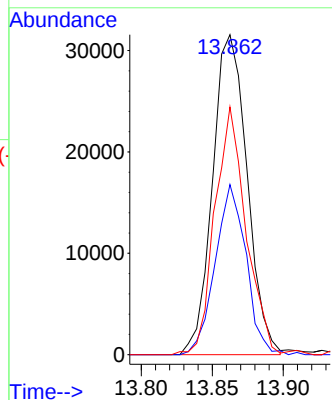
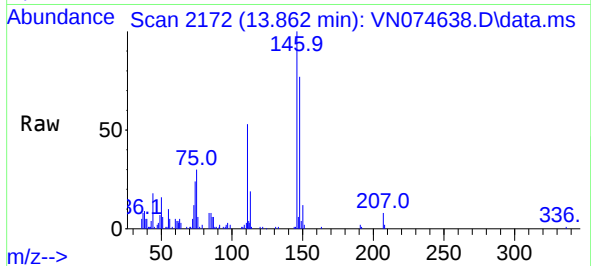
#87
1,2-Dichlorobenzene
Concen: 3.061 ug/l
RT: 13.862 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:146 Resp: 53398
Ion Ratio Lower Upper
146 100
111 47.4 21.4 64.2
148 69.7 30.6 92.0

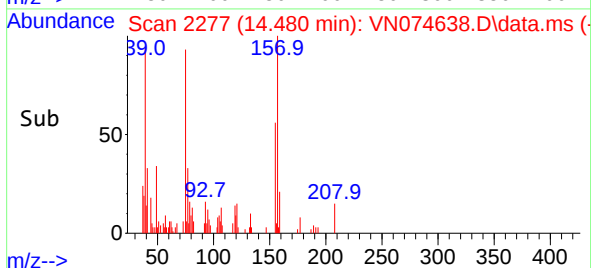
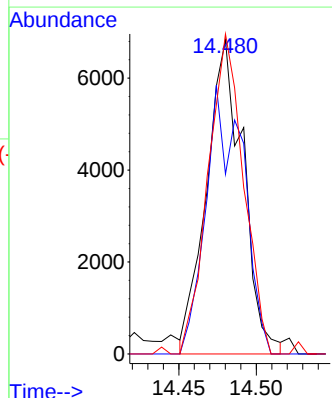
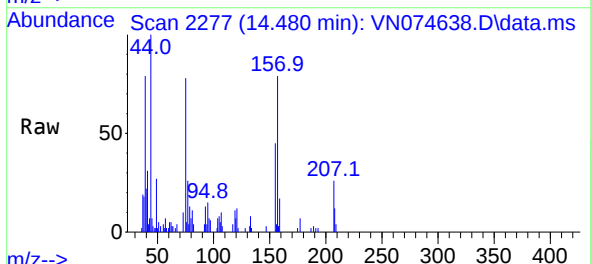
Manual Integrations
APPROVED

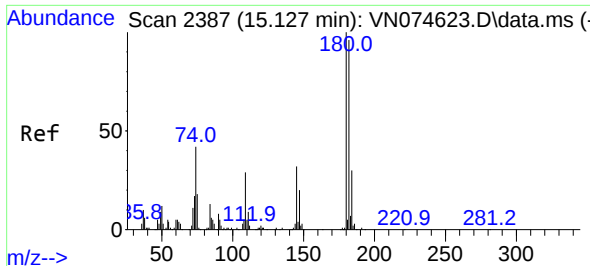
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 3.666 ug/l
RT: 14.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

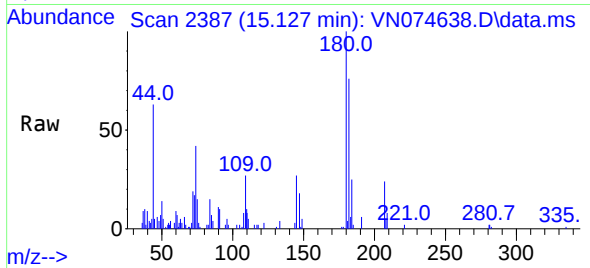
Tgt Ion: 75 Resp: 11256
Ion Ratio Lower Upper
75 100
155 49.0 66.3 99.5#
157 98.1 84.3 126.5





#89
1,2,4-Trichlorobenzene
Concen: 3.302 ug/l
RT: 15.127 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

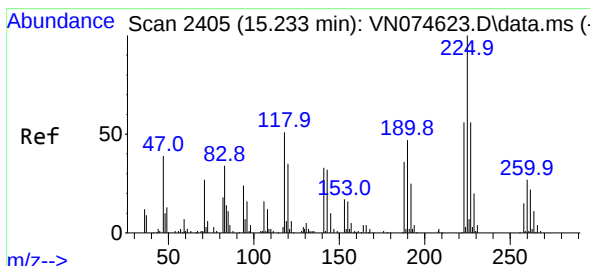
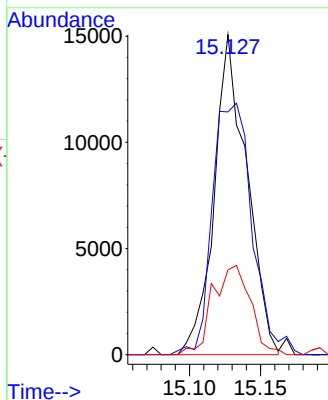
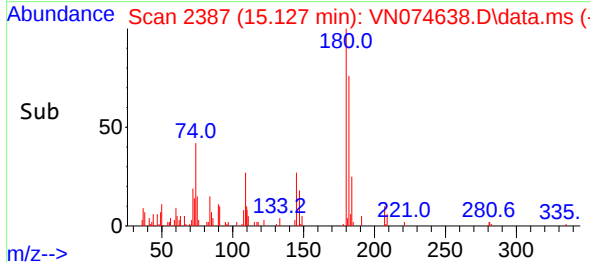
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



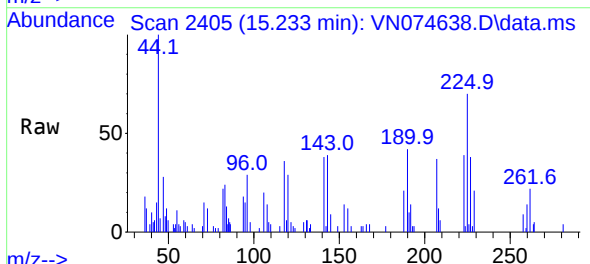
Tgt Ion:180 Resp: 24024
Ion Ratio Lower Upper
180 100
182 93.5 74.9 112.3
145 31.6 26.3 39.5

Manual Integrations
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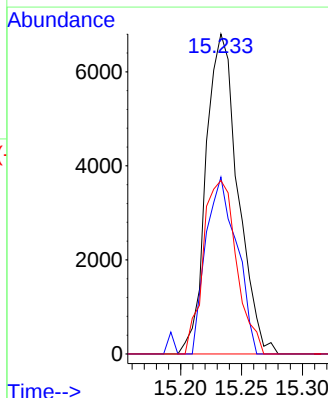
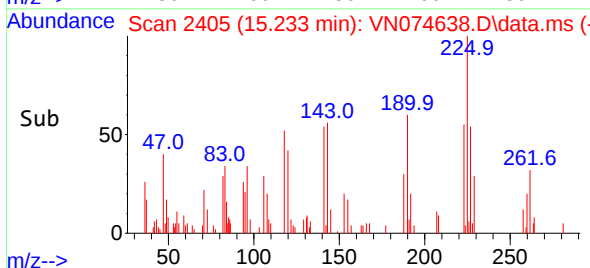
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

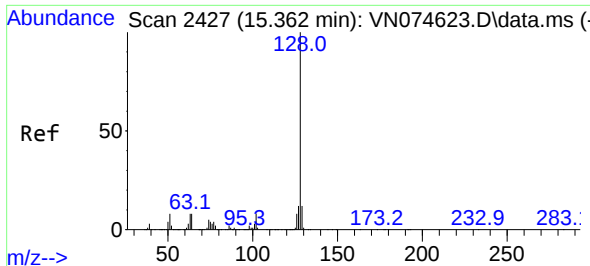


#90
Hexachlorobutadiene
Concen: 3.873 ug/l
RT: 15.233 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



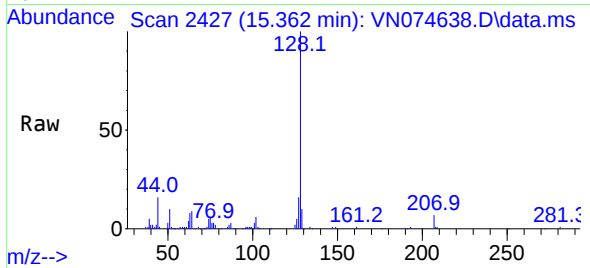
Tgt Ion:225 Resp: 12415
Ion Ratio Lower Upper
225 100
223 53.5 0.0 125.0
227 56.5 0.0 123.0





#91
Naphthalene
Concen: 3.364 ug/l
RT: 15.362 min Scan# 2427
Delta R.T. -0.000 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41

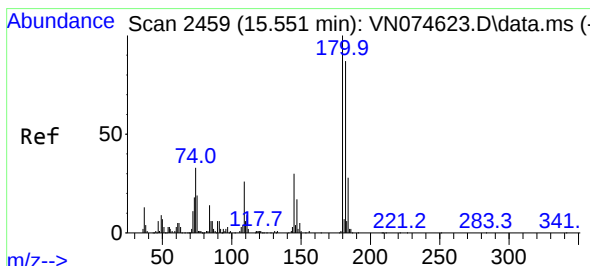
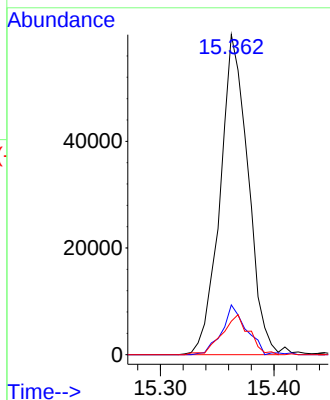
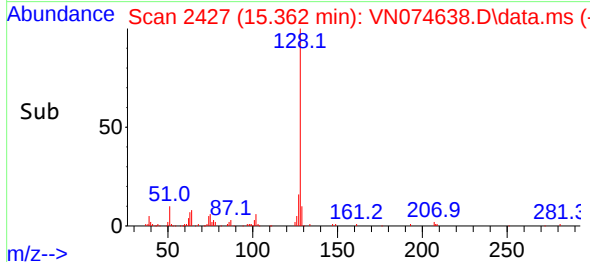
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



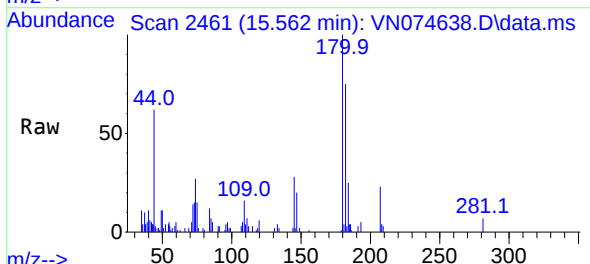
Tgt Ion:128 Resp: 102670
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#92
1,2,3-Trichlorobenzene
Concen: 3.469 ug/l
RT: 15.562 min Scan# 2461
Delta R.T. 0.012 min
Lab File: VN074638.D
Acq: 27 Sep 2022 19:41



Tgt Ion:180 Resp: 25308
Ion Ratio Lower Upper
180 100
182 96.1 0.0 185.4
145 17.2 0.0 68.6

