

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038255.D
 Acq On : 12 Oct 2023 14:38
 Operator : JC/MD
 Sample : 04699-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Quant Time: Oct 13 06:41:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 06:37:36 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	113647	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	193792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94305	51.591	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.180%			
35) Dibromofluoromethane	5.385	113	72506	51.924	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.840%			
50) Toluene-d8	8.647	98	278488	52.191	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.380%			
62) 4-Bromofluorobenzene	11.079	95	103189	51.010	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.020%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	3120	2.844	ug/l	99
3) Chloromethane	1.301	50	3447	3.083	ug/l	96
4) Vinyl Chloride	1.374	62	4012	3.236	ug/l	# 84
5) Bromomethane	1.605	94	4451	2.630	ug/l	92
6) Chloroethane	1.685	64	3307	3.008	ug/l	97
7) Trichlorofluoromethane	1.886	101	8044	3.285	ug/l	97
8) Diethyl Ether	2.136	74	2953	3.234	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	3514	3.287	ug/l	96
10) Methyl Iodide	2.453	142	4075	2.650	ug/l	97
11) Tert butyl alcohol	2.953	59	6148	13.811	ug/l	97
12) 1,1-Dichloroethene	2.319	96	3115	2.996	ug/l	86
13) Acrolein	2.239	56	3233	12.441	ug/l	96
14) Allyl chloride	2.666	41	4733	2.545	ug/l	93
15) Acrylonitrile	3.062	53	11392	13.695	ug/l	95
16) Acetone	2.380	43	11744	15.394	ug/l	# 83
17) Carbon Disulfide	2.508	76	7314	2.441	ug/l	# 88
18) Methyl Acetate	2.703	43	9384	2.868	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	10966	2.648	ug/l	93
20) Methylene Chloride	2.788	84	4278	2.981	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	3640	2.827	ug/l	# 74
22) Diisopropyl ether	3.764	45	9942	2.551	ug/l	# 92
23) Vinyl Acetate	3.727	43	34107	11.932	ug/l	97
24) 1,1-Dichloroethane	3.617	63	6699	2.832	ug/l	99
25) 2-Butanone	4.562	43	17403	14.138	ug/l	# 86
26) 2,2-Dichloropropane	4.471	77	4392	2.378	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	4282	2.793	ug/l	88
28) Bromochloromethane	4.897	49	2723	2.550	ug/l	# 92
29) Tetrahydrofuran	5.013	42	10836	13.521	ug/l	92
30) Chloroform	5.093	83	7276	2.813	ug/l	99
31) Cyclohexane	5.477	56	5400	2.727	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	6003	2.709	ug/l	99
36) 1,1-Dichloropropene	5.696	75	5422	2.816	ug/l	99
37) Ethyl Acetate	4.715	43	5769	2.523	ug/l	96
38) Carbon Tetrachloride	5.684	117	4959	2.618	ug/l	95
39) Methylcyclohexane	7.379	83	6639	2.943	ug/l	90
40) Benzene	6.044	78	15457	2.870	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	3088	2.714	ug/l	91
42) 1,2-Dichloroethane	6.092	62	6276	2.917	ug/l	99
43) Isopropyl Acetate	6.342	43	8396	2.459	ug/l	98
44) Trichloroethene	7.129	130	4282	3.040	ug/l	90
45) 1,2-Dichloropropane	7.434	63	3767	2.702	ug/l	96
46) Dibromomethane	7.586	93	3061	2.831	ug/l	98
47) Bromodichloromethane	7.824	83	4934	2.565	ug/l	98
48) Methyl methacrylate	7.696	41	4010	2.460	ug/l	85
49) 1,4-Dioxane	7.659	88	2326	57.916	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	30958	13.147	ug/l	97
52) Toluene	8.720	92	10427	2.972	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	4502	2.181	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	4960	2.287	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	4254	2.835	ug/l	91
56) Ethyl methacrylate	9.122	69	5190	2.256	ug/l	95
57) 1,3-Dichloropropane	9.311	76	6929	2.855	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	13028	11.536	ug/l	99
59) 2-Hexanone	9.433	43	24198	12.782	ug/l	95
60) Dibromochloromethane	9.525	129	3562	2.425	ug/l	99
61) 1,2-Dibromoethane	9.610	107	4255	2.622	ug/l	96
64) Tetrachloroethene	9.275	164	3645	2.932	ug/l	93
65) Chlorobenzene	10.079	112	11572	2.880	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	3203	2.357	ug/l	89
67) Ethyl Benzene	10.195	91	19653	2.740	ug/l	98
68) m/p-Xylenes	10.305	106	14064	5.071	ug/l	99
69) o-Xylene	10.640	106	6282	2.321	ug/l	91
70) Styrene	10.659	104	10554	2.394	ug/l	99
71) Bromoform	10.799	173	2381	2.126	ug/l #	100
73) Isopropylbenzene	10.963	105	17180	2.561	ug/l	96
74) N-amyl acetate	10.842	43	6019	2.101	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	7094	2.882	ug/l	95
76) 1,2,3-Trichloropropane	11.244	75	5901m	2.595	ug/l	
77) Bromobenzene	11.195	156	4748	2.899	ug/l	90
78) n-propylbenzene	11.305	91	21819	2.660	ug/l	98
79) 2-Chlorotoluene	11.366	91	13238	2.721	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	15104	2.610	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	1271m	1.784	ug/l	
82) 4-Chlorotoluene	11.457	91	15227	2.645	ug/l	99
83) tert-Butylbenzene	11.713	119	15184	2.685	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	14460	2.506	ug/l	96
85) sec-Butylbenzene	11.890	105	18895	2.579	ug/l	99
86) p-Isopropyltoluene	12.012	119	15358	2.541	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	9250	2.812	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	9759	2.906	ug/l	89
89) n-Butylbenzene	12.335	91	14694	2.441	ug/l	95
90) Hexachloroethane	12.536	117	2169	2.164	ug/l	83
91) 1,2-Dichlorobenzene	12.335	146	8850	2.799	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1247	2.095	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	5863	2.764	ug/l	93
94) Hexachlorobutadiene	13.725	225	2395	2.806	ug/l	95
95) Naphthalene	13.774	128	17031	2.306	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	5479	2.668	ug/l	98

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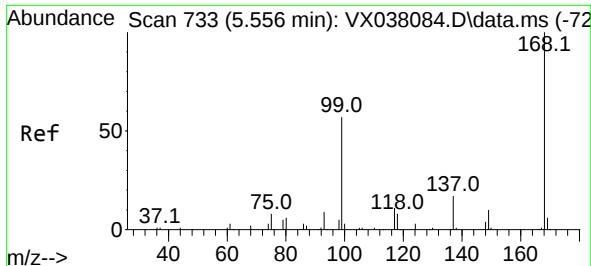
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

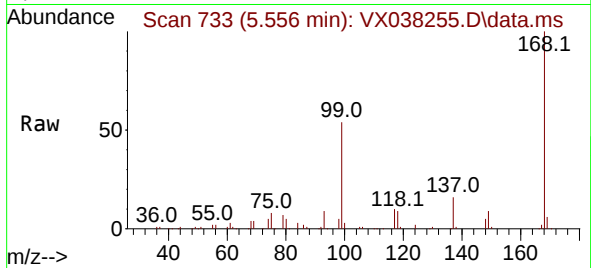
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

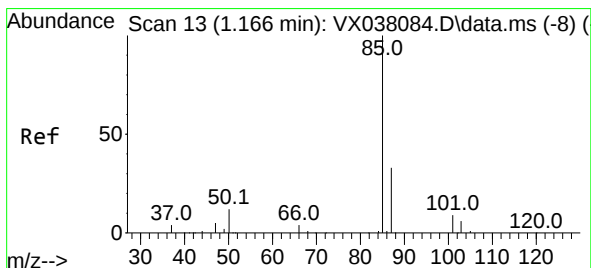
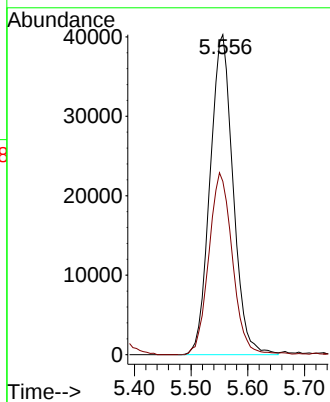
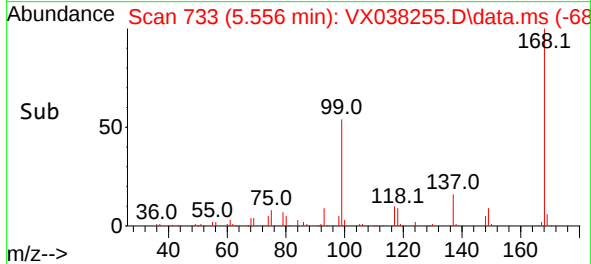
Instrument : MSVOA_X
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LOD-MDL-WATER-01-QT4-2023



Tgt Ion:168 Resp: 11364
Ion Ratio Lower Upper
168 100
99 54.2 56.6 85.0

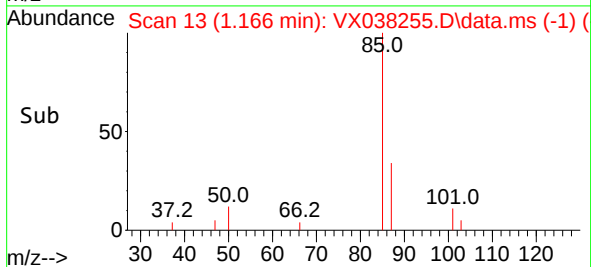
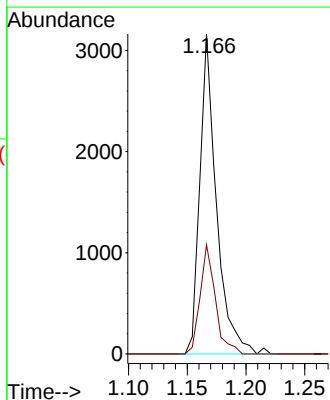
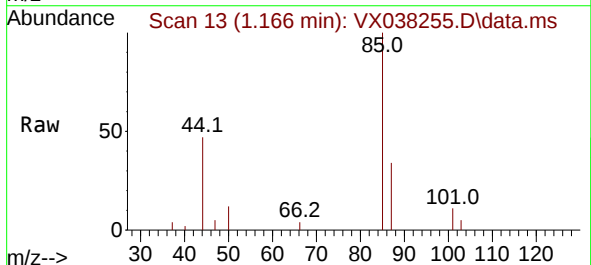
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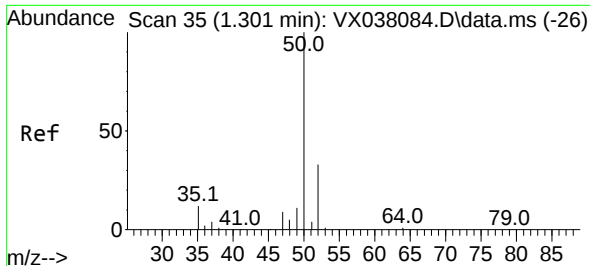
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#2
Dichlorodifluoromethane
Concen: 2.844 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Tgt Ion: 85 Resp: 3120
Ion Ratio Lower Upper
85 100
87 34.1 16.7 50.1





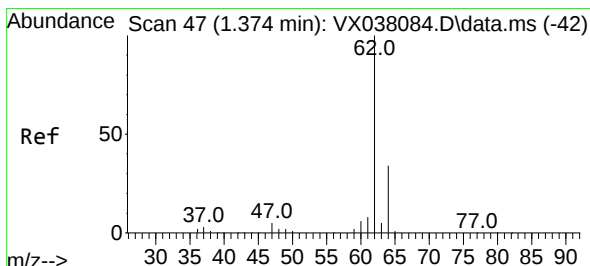
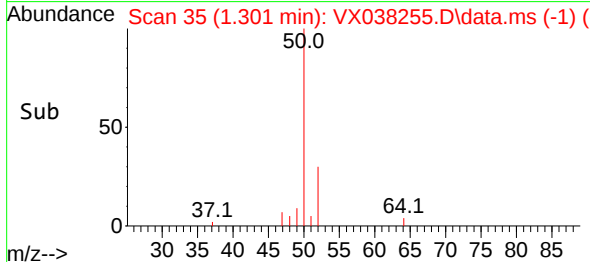
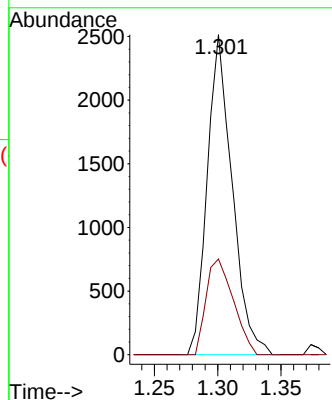
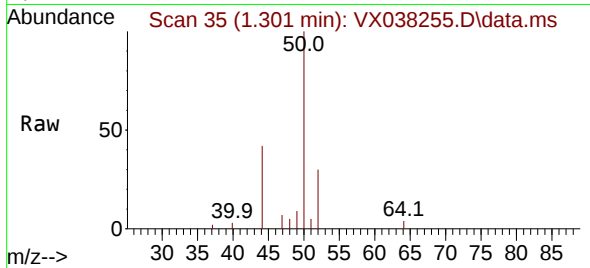
#3
Chloromethane
Concen: 3.083 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

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ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 50 Resp: 344
Ion Ratio Lower Upper
50 100
52 29.9 25.5 38.3

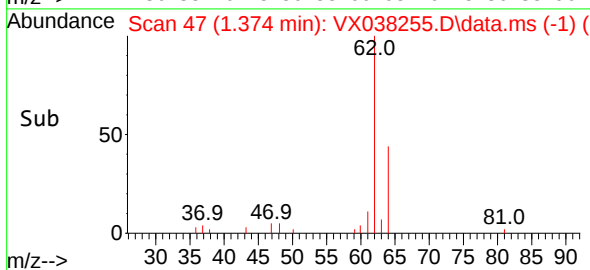
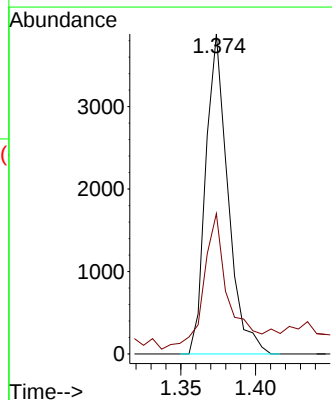
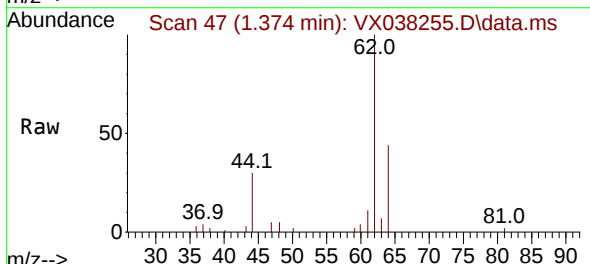
Manual Integrations
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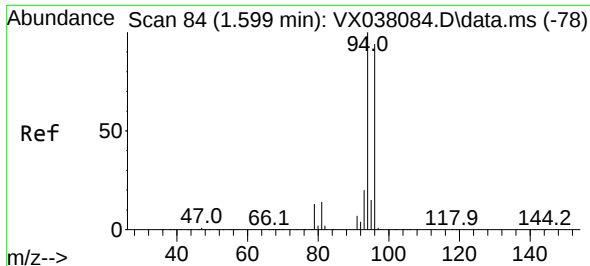
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#4
Vinyl Chloride
Concen: 3.236 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

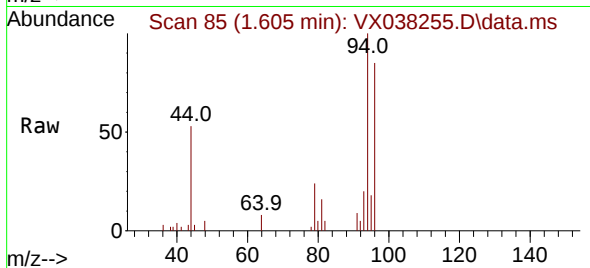
Tgt Ion: 62 Resp: 4012
Ion Ratio Lower Upper
62 100
64 40.6 25.4 38.0#





#5
Bromomethane
Concen: 2.630 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

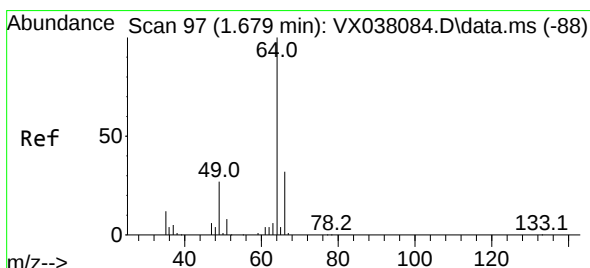
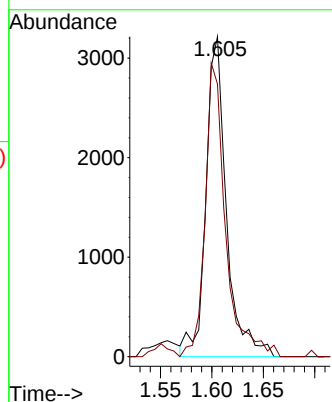
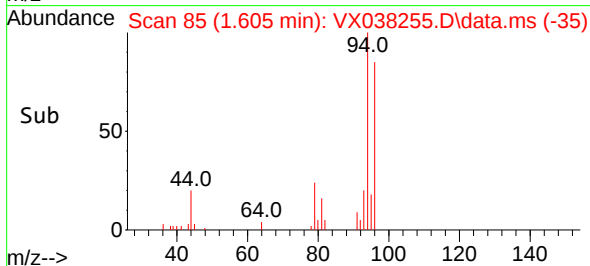
Instrument :
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Tgt Ion: 94 Resp: 445
Ion Ratio Lower Upper
94 100
96 85.2 74.6 111.8

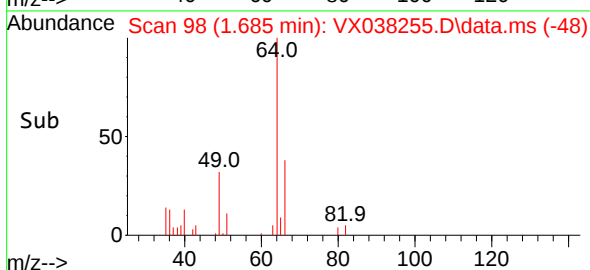
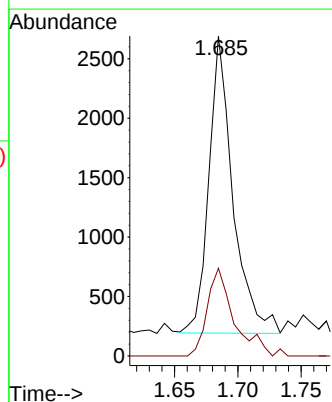
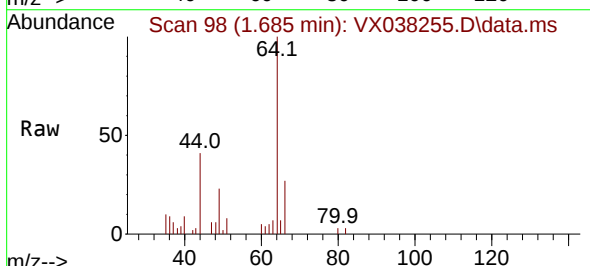
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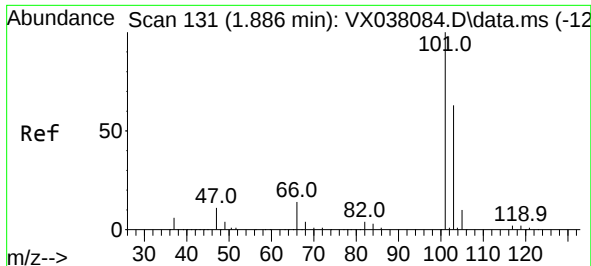
Reviewed By :John Carlone 10/13/2023
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#6
Chloroethane
Concen: 3.008 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

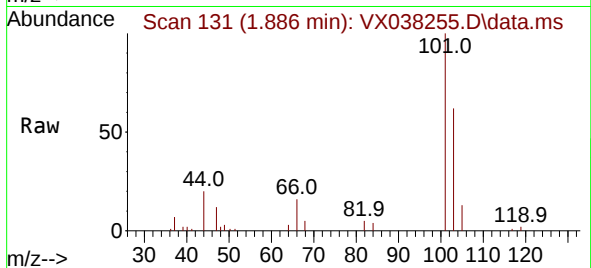
Tgt Ion: 64 Resp: 3307
Ion Ratio Lower Upper
64 100
66 29.5 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 3.285 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038255.D
 Acq: 12 Oct 2023 14:38

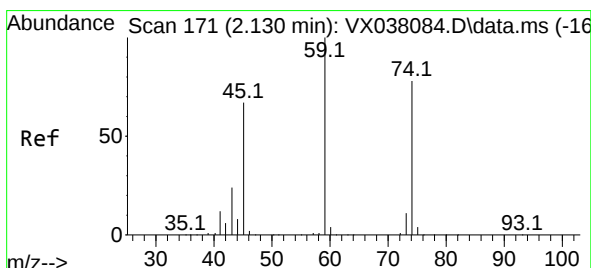
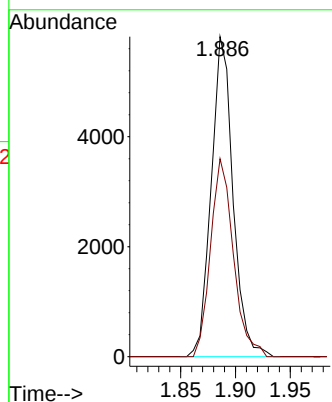
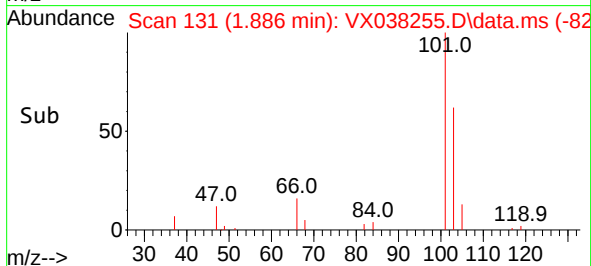
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023



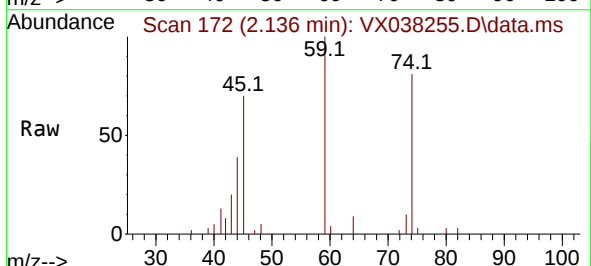
Tgt Ion:101 Resp: 804
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.4 77.2

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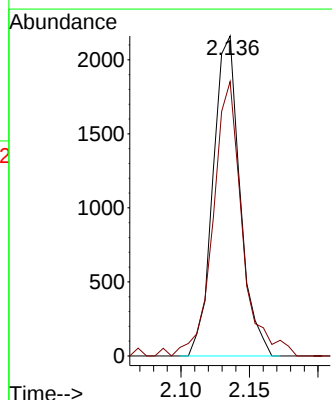
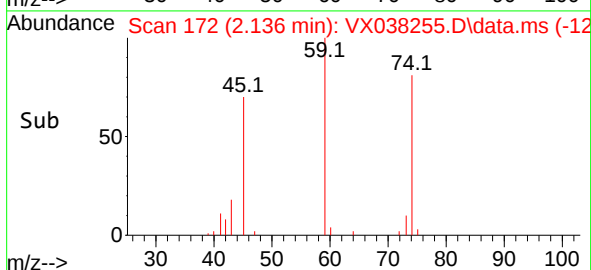
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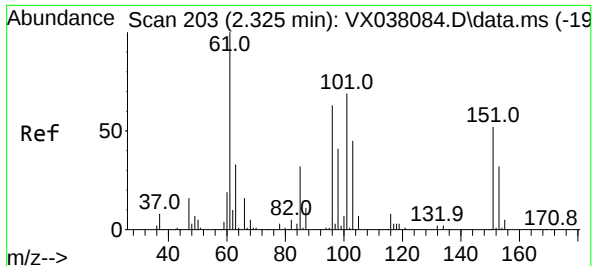


#8
 Diethyl Ether
 Concen: 3.234 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX038255.D
 Acq: 12 Oct 2023 14:38



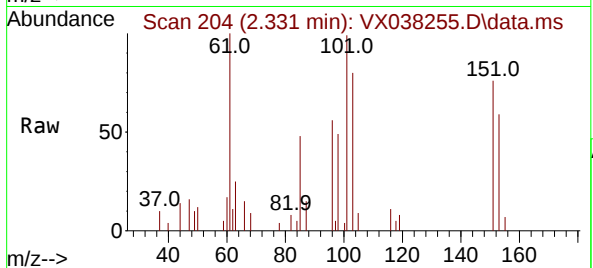
Tgt Ion: 74 Resp: 2953
 Ion Ratio Lower Upper
 74 100
 45 92.8 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.287 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

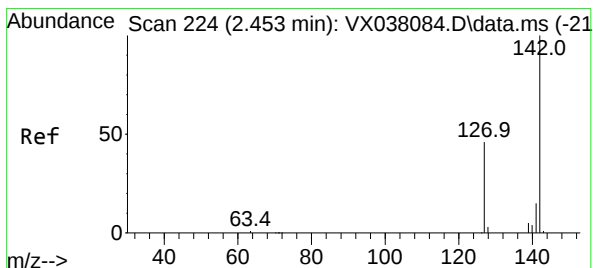
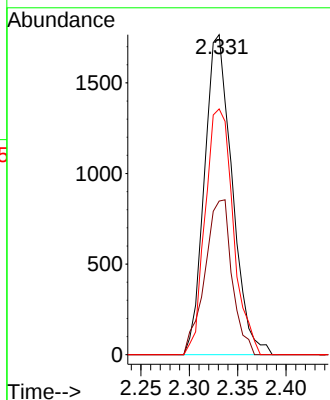
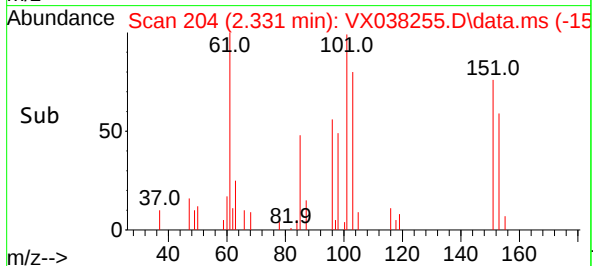
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion:101 Resp: 3514
Ion Ratio Lower Upper
101 100
85 47.5 37.0 55.6
151 77.9 58.6 87.8

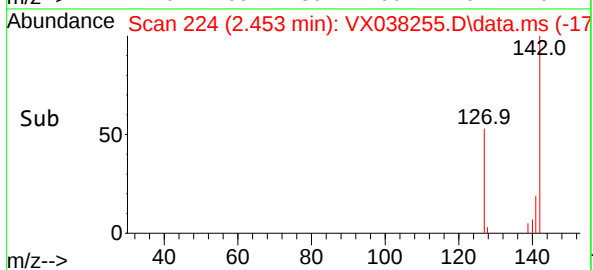
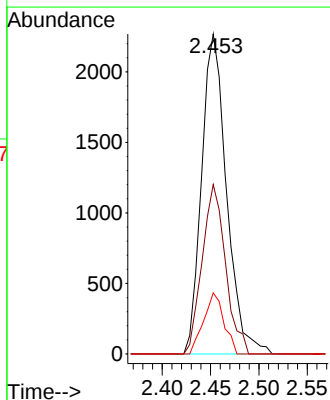
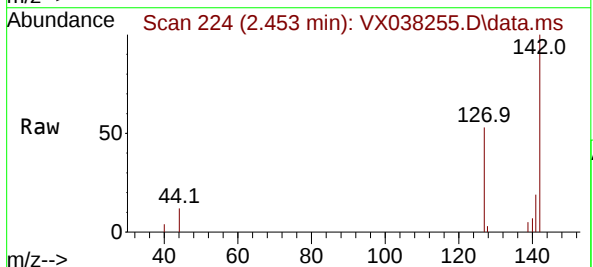
Manual Integrations
APPROVED

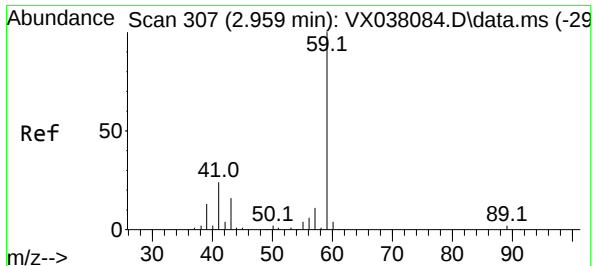
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#10
Methyl Iodide
Concen: 2.650 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Tgt Ion:142 Resp: 4075
Ion Ratio Lower Upper
142 100
127 49.5 41.6 62.4
141 15.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 13.811 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX038255.D

Acq: 12 Oct 2023 14:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 59 Resp: 6148

Ion Ratio Lower Upper

59 100

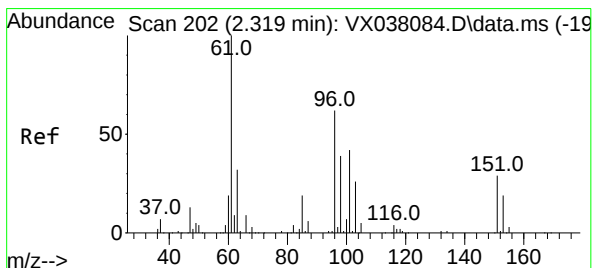
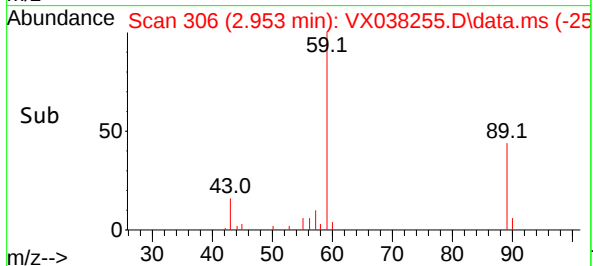
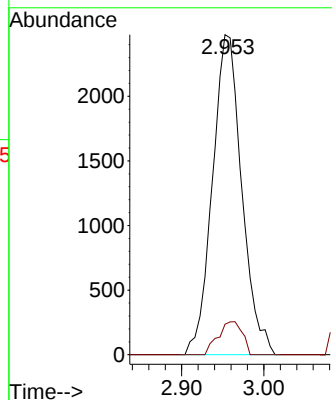
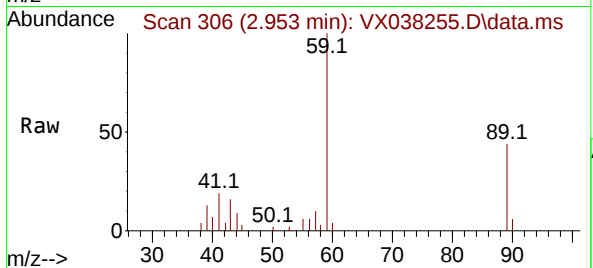
57 8.5 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#12

1,1-Dichloroethene

Concen: 2.996 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX038255.D

Acq: 12 Oct 2023 14:38

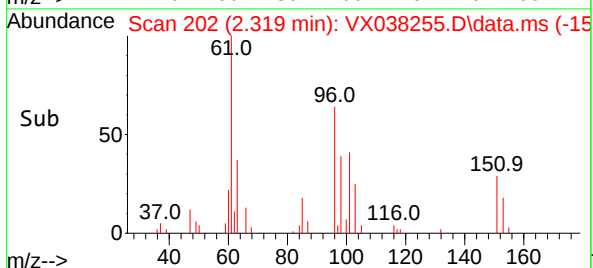
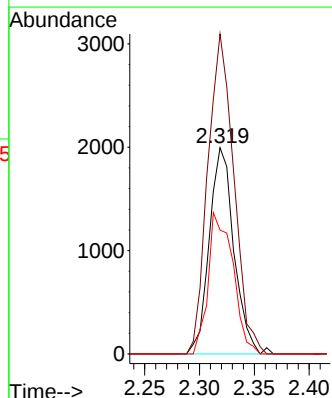
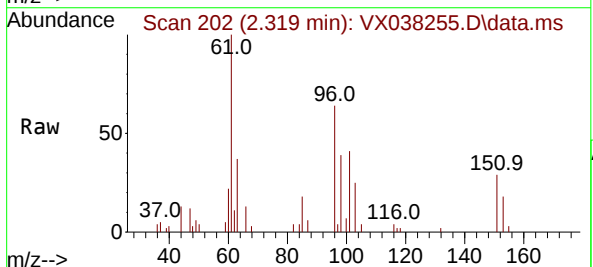
Tgt Ion: 96 Resp: 3115

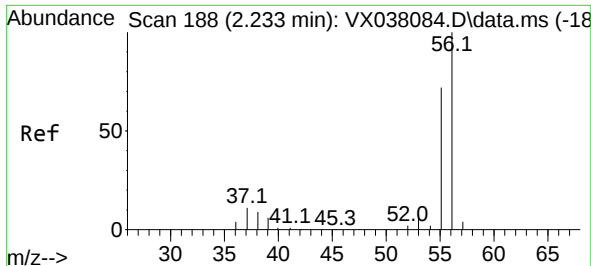
Ion Ratio Lower Upper

96 100

61 155.2 144.6 216.8

98 60.1 50.4 75.6





#13

Acrolein

Concen: 12.441 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX038255.D

Acq: 12 Oct 2023 14:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 56 Resp: 323

Ion Ratio Lower Upper

56 100

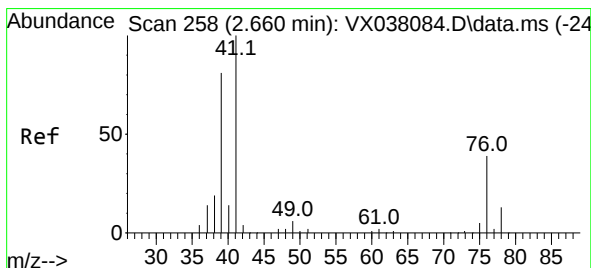
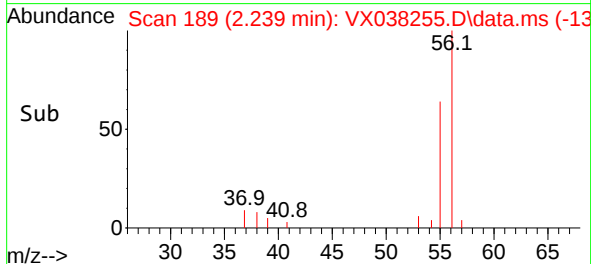
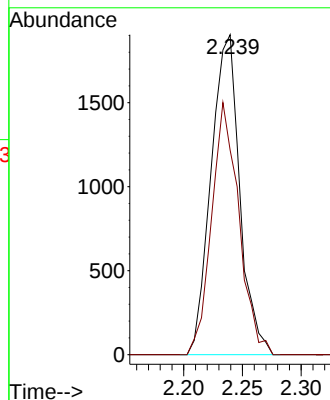
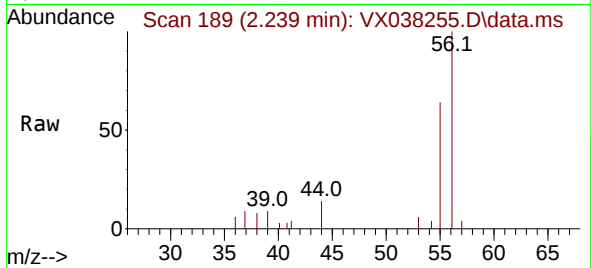
55 75.1 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#14

Allyl chloride

Concen: 2.545 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX038255.D

Acq: 12 Oct 2023 14:38

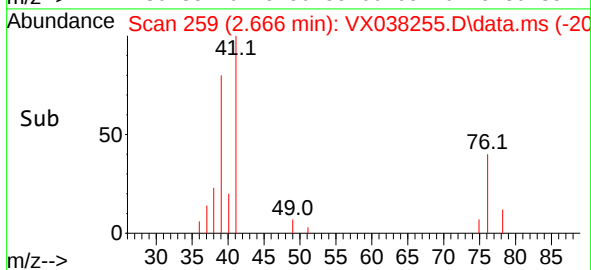
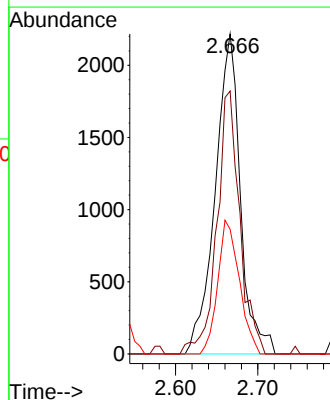
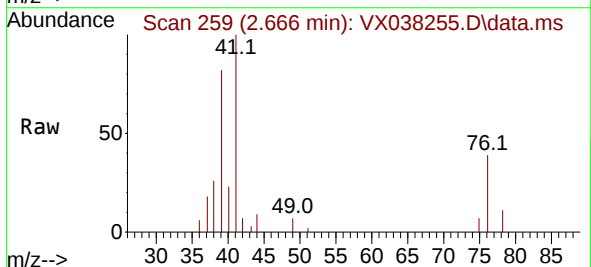
Tgt Ion: 41 Resp: 4733

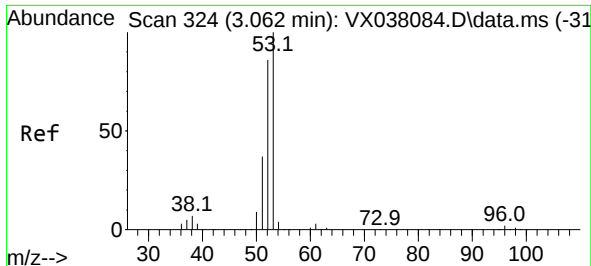
Ion Ratio Lower Upper

41 100

39 74.3 55.8 83.6

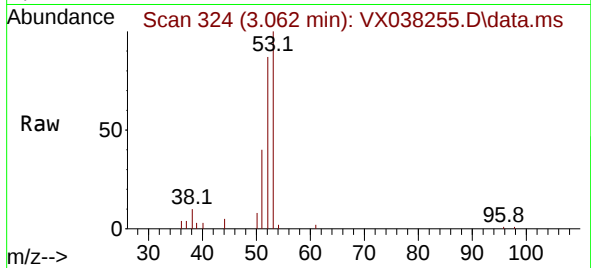
76 35.7 24.3 36.5





#15
Acrylonitrile
Concen: 13.695 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

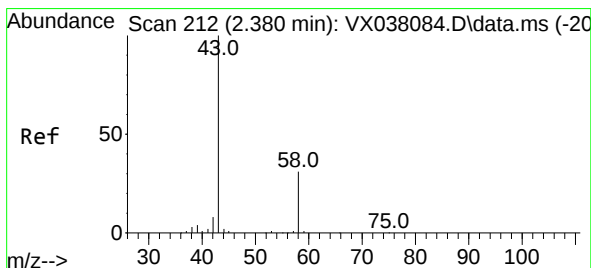
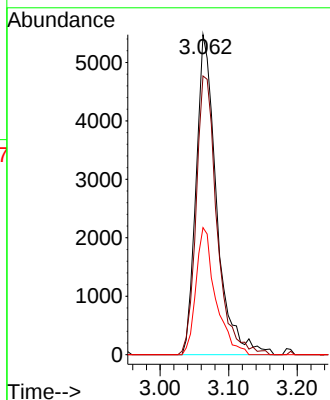
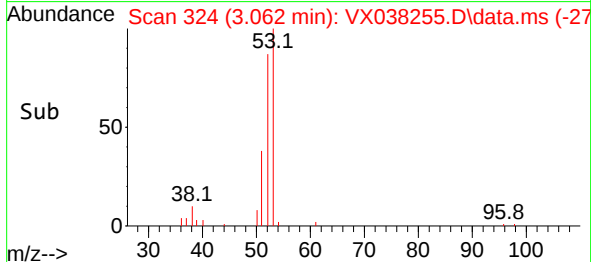
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 53 Resp: 11392
Ion Ratio Lower Upper
53 100
52 88.4 66.0 99.0
51 38.0 29.8 44.6

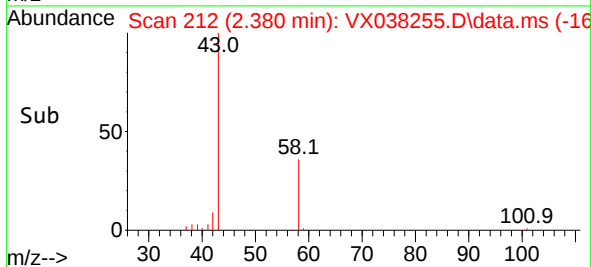
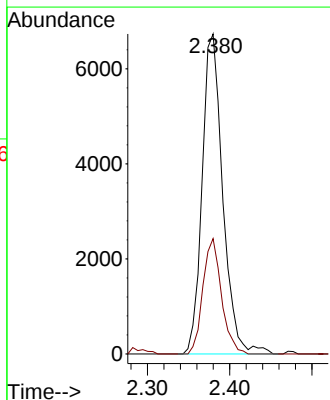
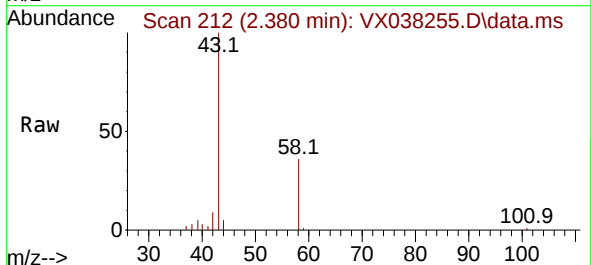
Manual Integrations
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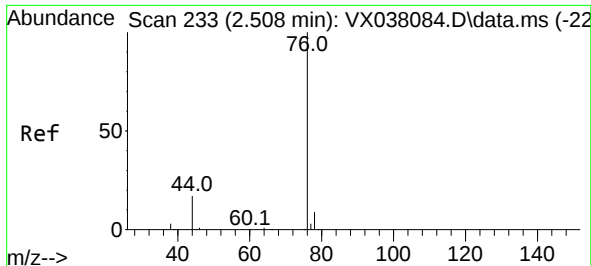
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#16
Acetone
Concen: 15.394 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Tgt Ion: 43 Resp: 11744
Ion Ratio Lower Upper
43 100
58 36.1 21.9 32.9#





#17

Carbon Disulfide

Concen: 2.441 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX038255.D

Acq: 12 Oct 2023 14:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 76 Resp: 7314

Ion Ratio Lower Upper

76 100

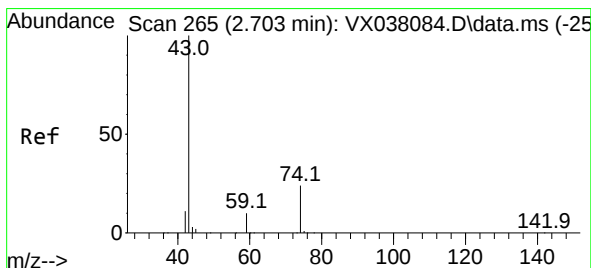
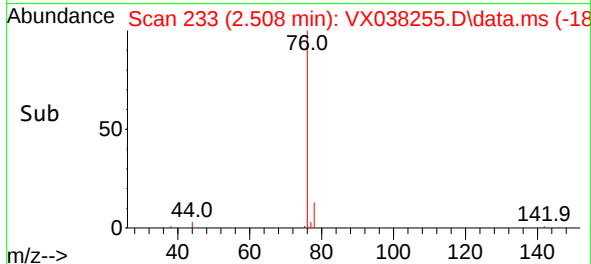
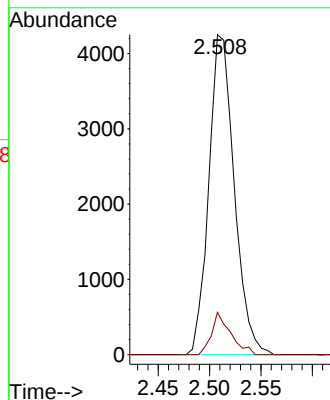
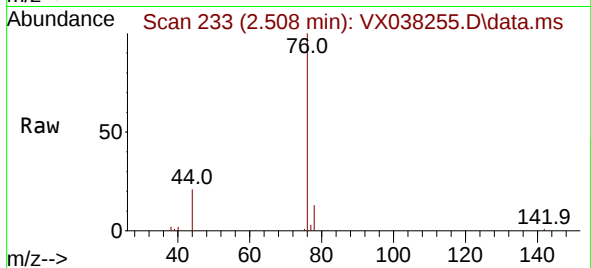
78 13.2 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#18

Methyl Acetate

Concen: 2.868 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX038255.D

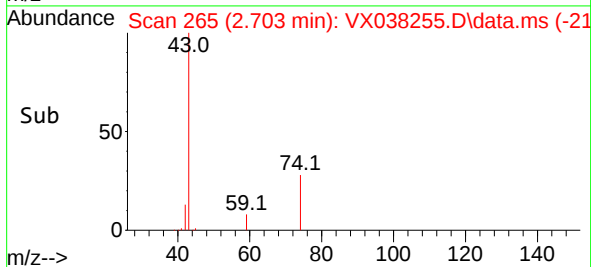
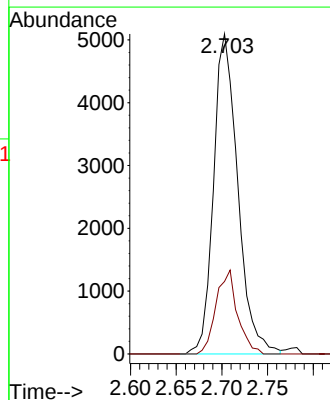
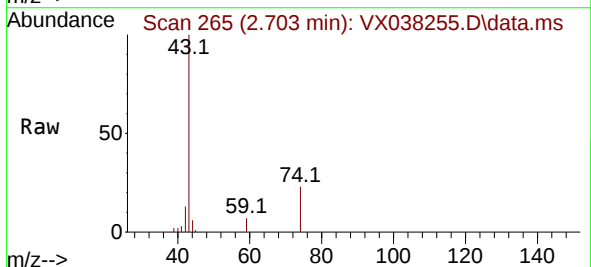
Acq: 12 Oct 2023 14:38

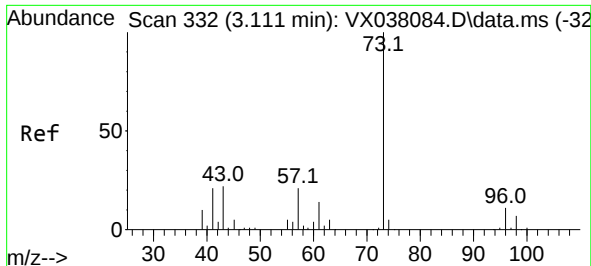
Tgt Ion: 43 Resp: 9384

Ion Ratio Lower Upper

43 100

74 23.2 17.8 26.8





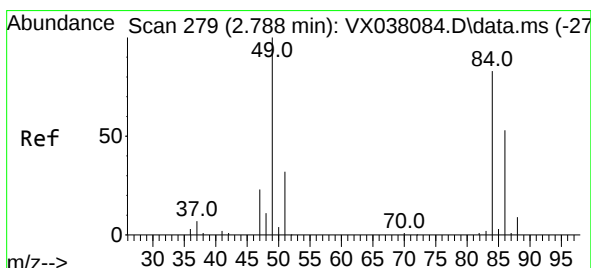
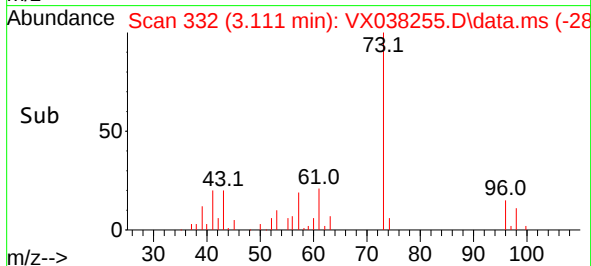
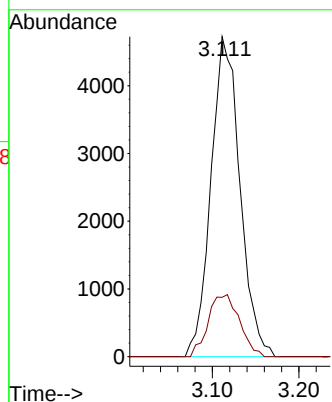
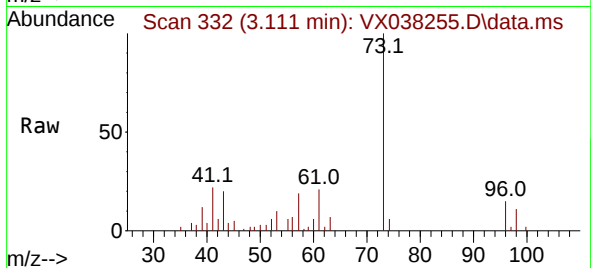
#19
Methyl tert-butyl Ether
Concen: 2.648 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 73 Resp: 1096
Ion Ratio Lower Upper
73 100
57 18.5 17.3 25.9

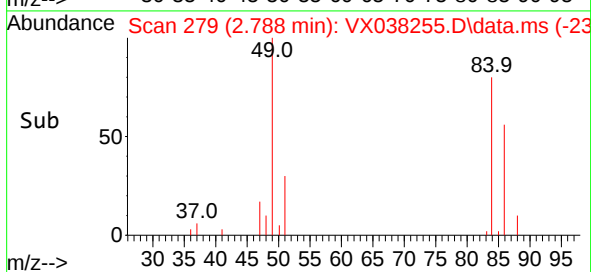
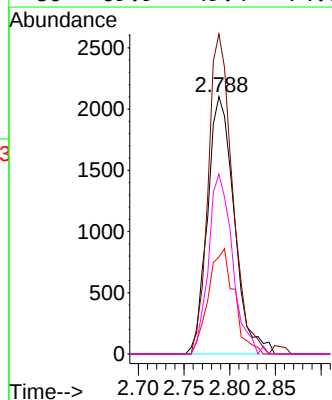
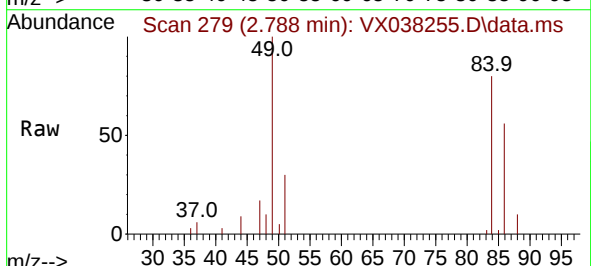
Manual Integrations
APPROVED

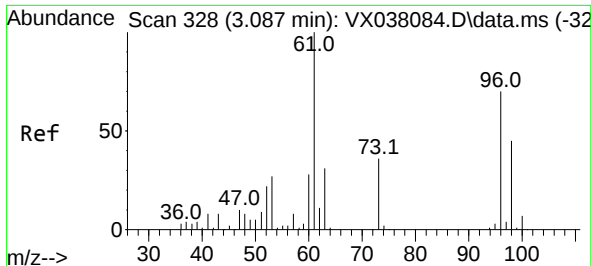
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#20
Methylene Chloride
Concen: 2.981 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

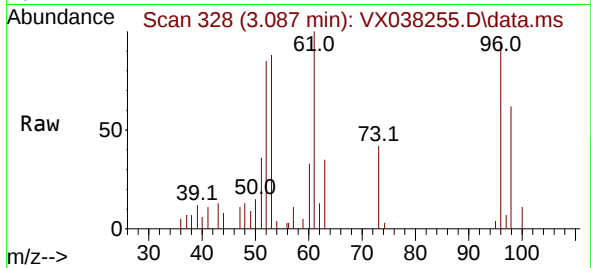
Tgt Ion: 84 Resp: 4278
Ion Ratio Lower Upper
84 100
49 124.4 103.6 155.4
51 37.7 33.8 50.6
86 69.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 2.827 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

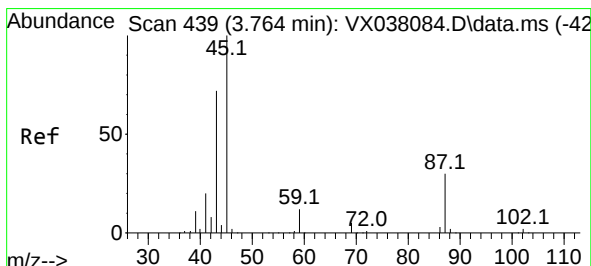
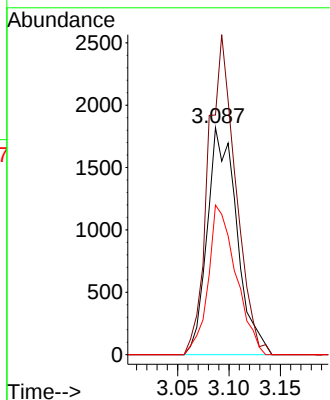
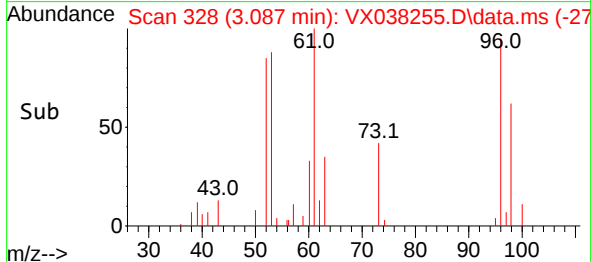
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



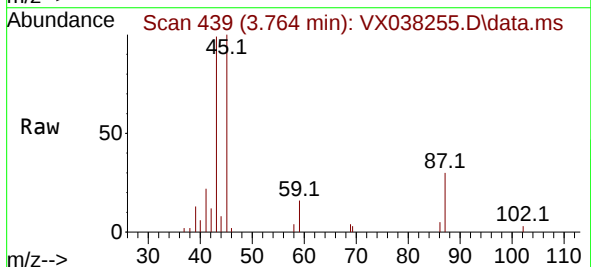
Tgt Ion: 96 Resp: 3640
Ion Ratio Lower Upper
96 100
61 105.5 119.2 178.8
98 65.9 48.7 73.1

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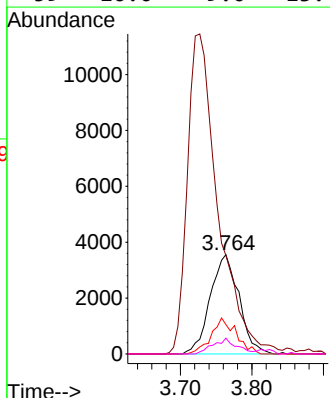
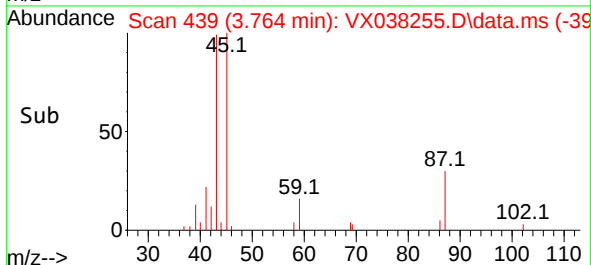
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

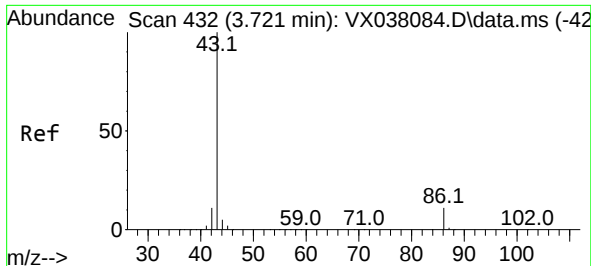


#22
Diisopropyl ether
Concen: 2.551 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38



Tgt Ion: 45 Resp: 9942
Ion Ratio Lower Upper
45 100
43 94.7 69.7 104.5
87 29.6 20.8 31.2
59 16.0 9.0 13.4





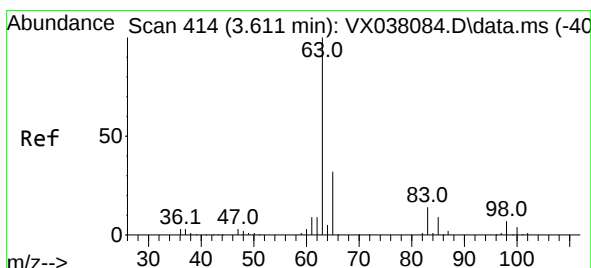
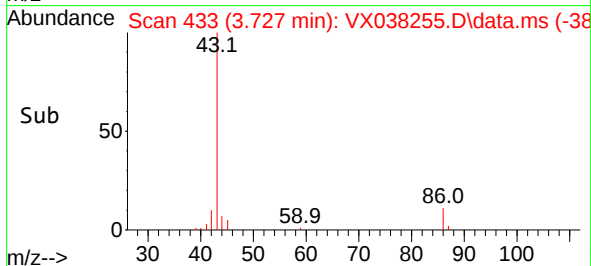
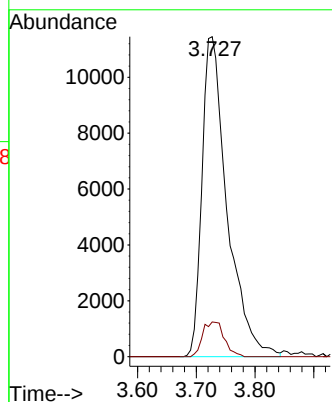
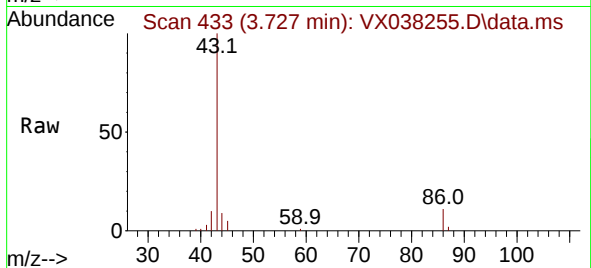
#23
 Vinyl Acetate
 Concen: 11.932 ug/l
 RT: 3.727 min Scan# 410
 Delta R.T. 0.006 min
 Lab File: VX038255.D
 Acq: 12 Oct 2023 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 43 Resp: 3410
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8

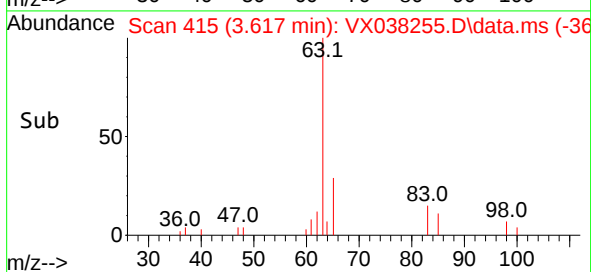
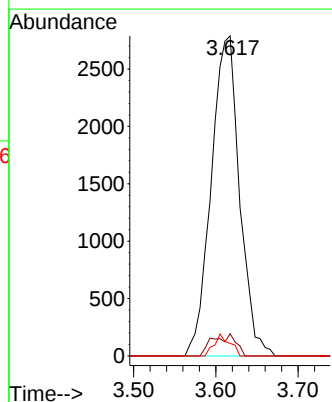
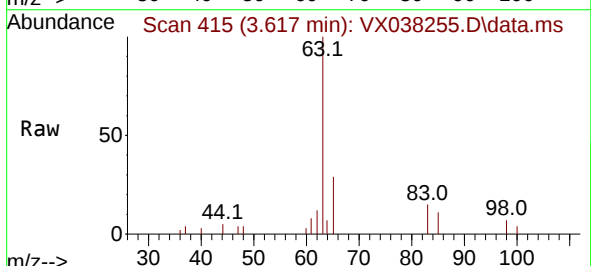
Manual Integrations
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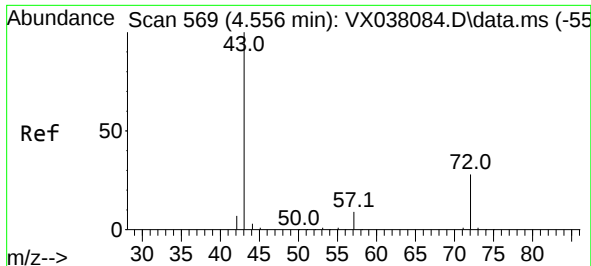
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023



#24
 1,1-Dichloroethane
 Concen: 2.832 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX038255.D
 Acq: 12 Oct 2023 14:38

Tgt Ion: 63 Resp: 6699
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 3.9 2.1 6.5





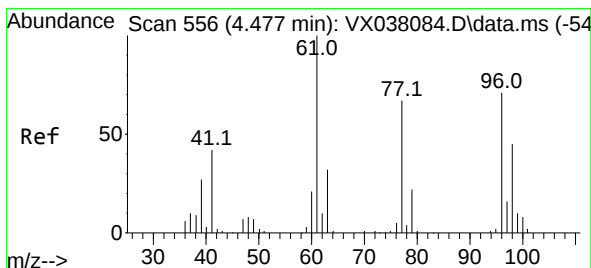
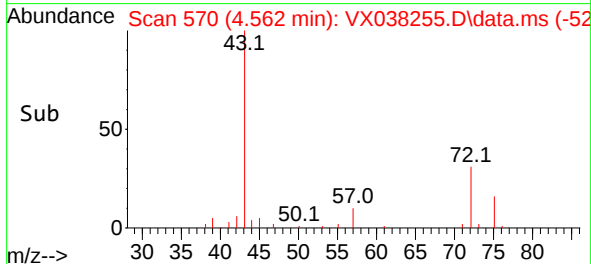
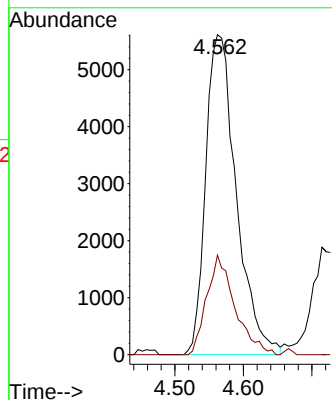
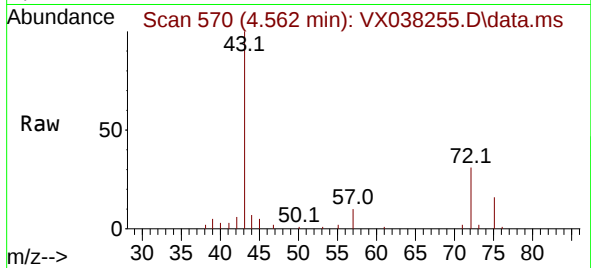
#25
2-Butanone
Concen: 14.138 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 43 Resp: 1740
Ion Ratio Lower Upper
43 100
72 31.1 19.4 29.2

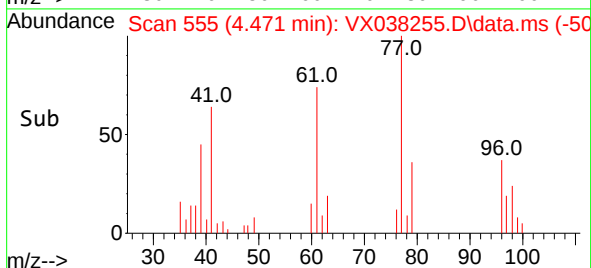
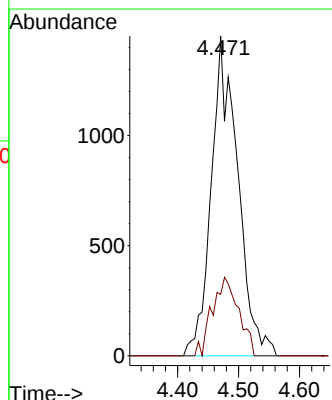
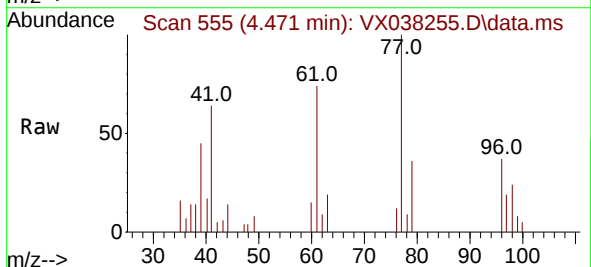
Manual Integrations
APPROVED

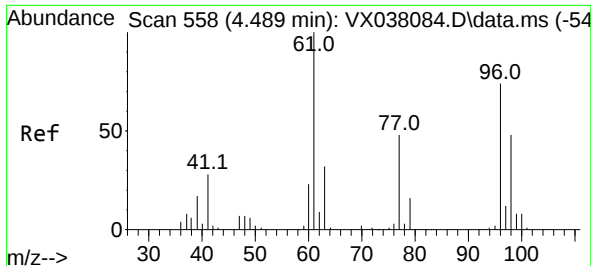
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#26
2,2-Dichloropropane
Concen: 2.378 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Tgt Ion: 77 Resp: 4392
Ion Ratio Lower Upper
77 100
97 24.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 2.793 ug/l

RT: 4.495 min Scan# 511

Delta R.T. 0.006 min

Lab File: VX038255.D

Acq: 12 Oct 2023 14:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 96 Resp: 428

Ion Ratio Lower Upper

96 100

61 137.1 0.0 312.2

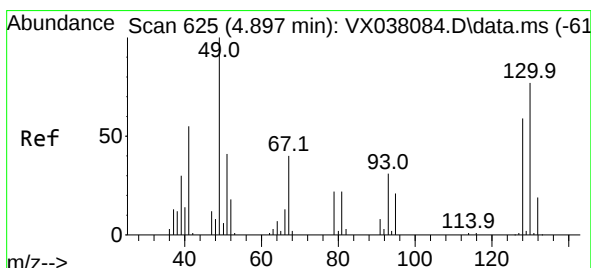
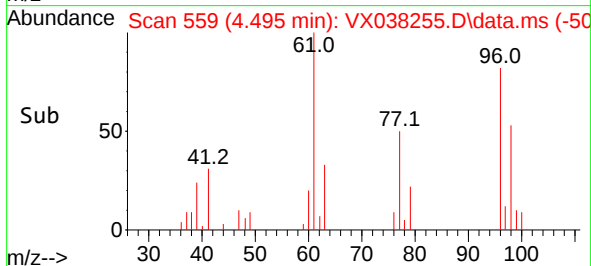
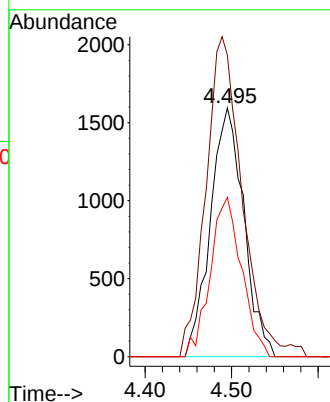
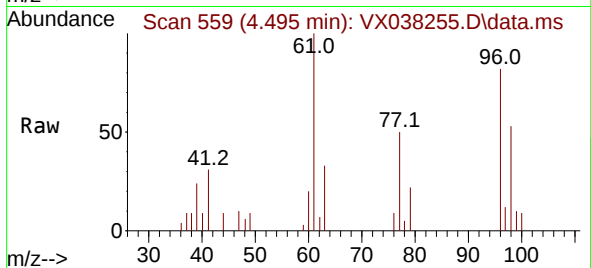
98 60.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#28

Bromochloromethane

Concen: 2.550 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038255.D

Acq: 12 Oct 2023 14:38

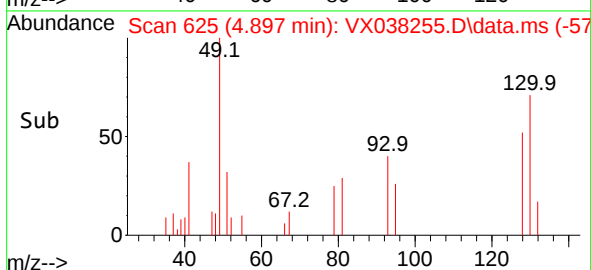
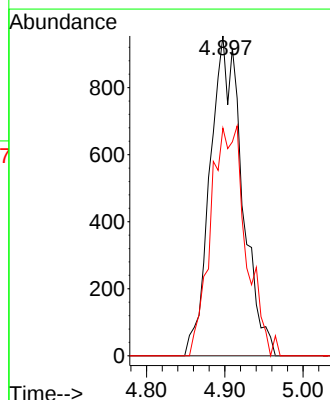
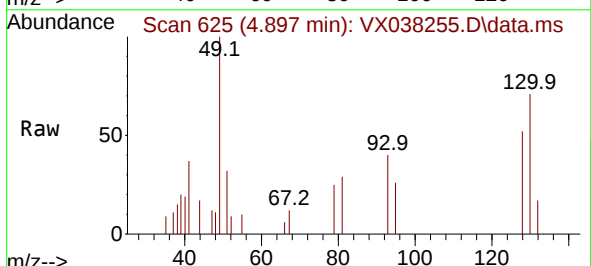
Tgt Ion: 49 Resp: 2723

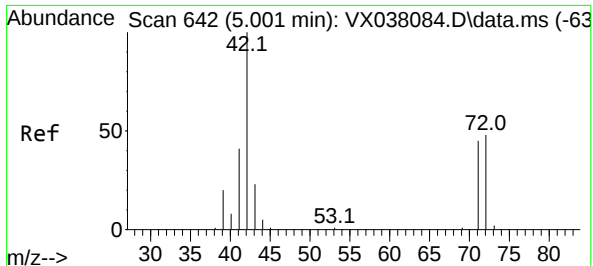
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 78.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 13.521 ug/l

RT: 5.013 min Scan# 642

Delta R.T. 0.012 min

Lab File: VX038255.D

Acq: 12 Oct 2023 14:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

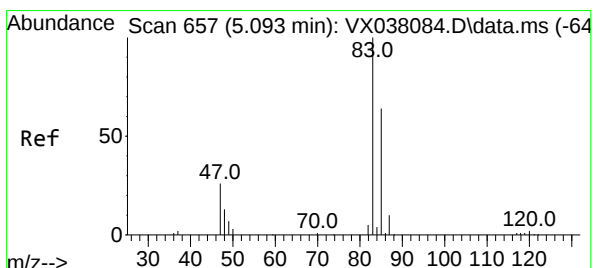
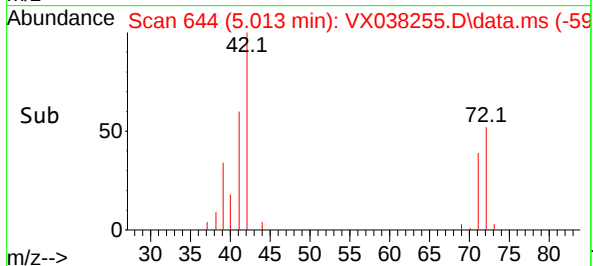
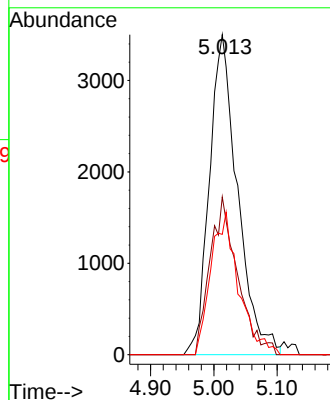
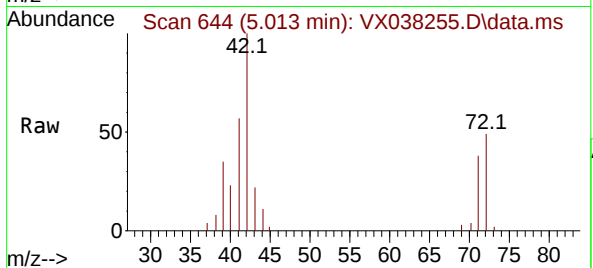
Tgt Ion:	42	Resp:	1083
Ion	Ratio	Lower	Upper
42	100		
72	48.4	34.2	51.4
71	44.2	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#30

Chloroform

Concen: 2.813 ug/l

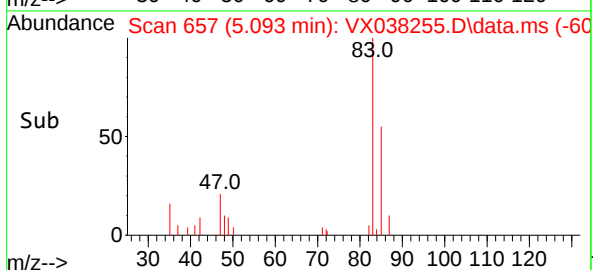
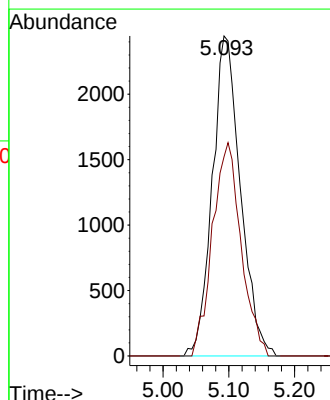
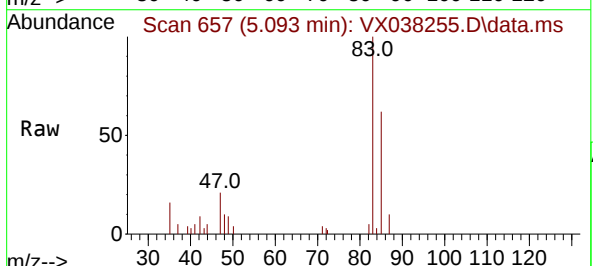
RT: 5.093 min Scan# 657

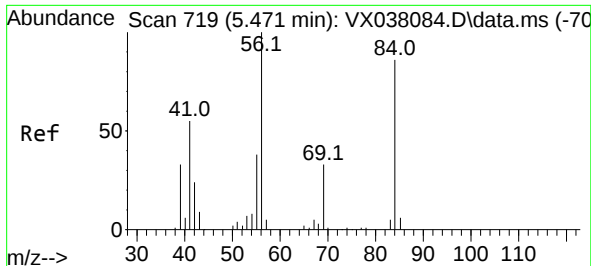
Delta R.T. -0.000 min

Lab File: VX038255.D

Acq: 12 Oct 2023 14:38

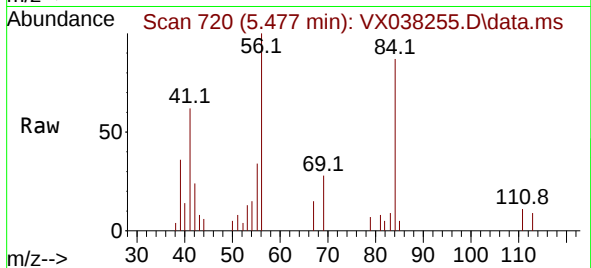
Tgt Ion:	83	Resp:	7276
Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.3	75.5





#31
Cyclohexane
Concen: 2.727 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

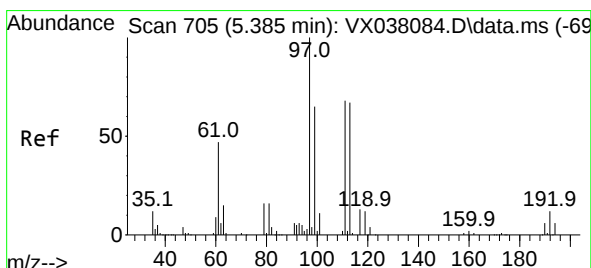
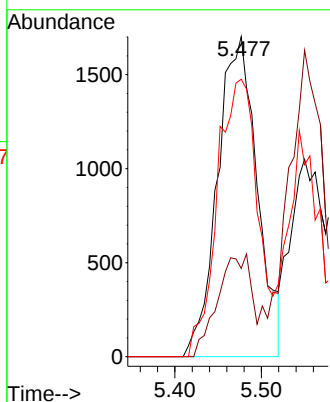
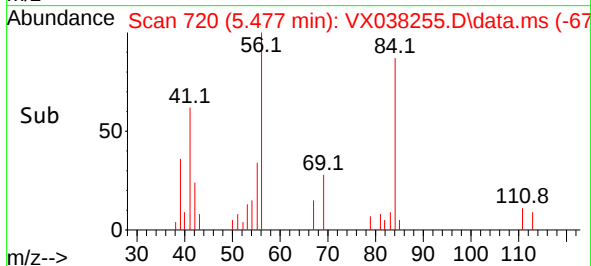
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



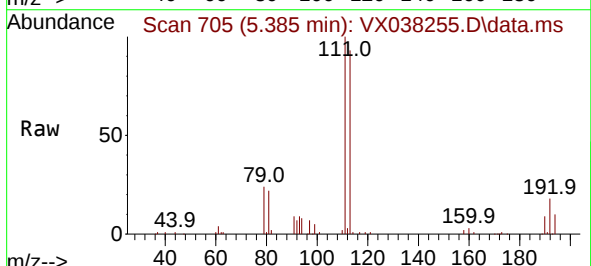
Tgt Ion: 56 Resp: 5400
Ion Ratio Lower Upper
56 100
69 27.6 23.4 35.2
84 86.7 65.9 98.9

Manual Integrations
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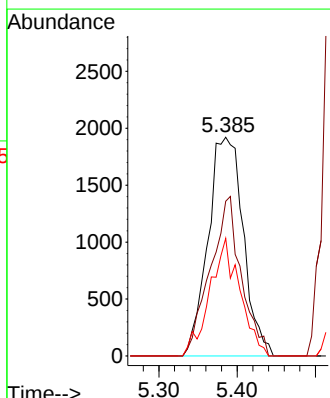
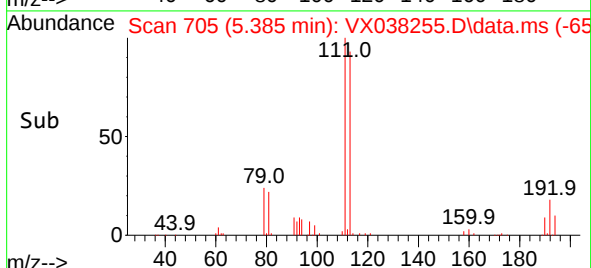
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

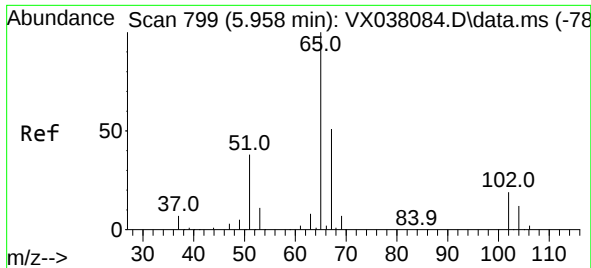


#32
1,1,1-Trichloroethane
Concen: 2.709 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38



Tgt Ion: 97 Resp: 6003
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 46.0 36.4 54.6





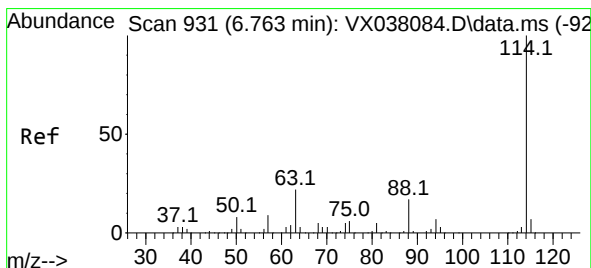
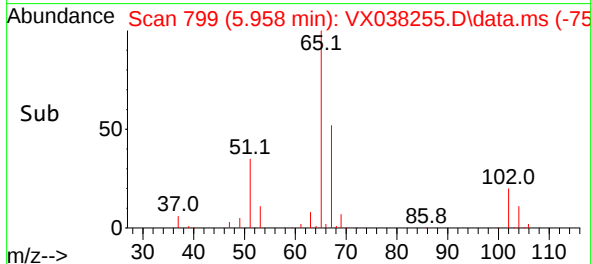
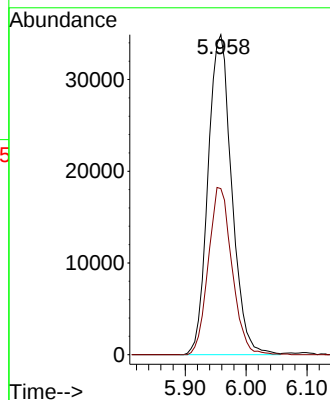
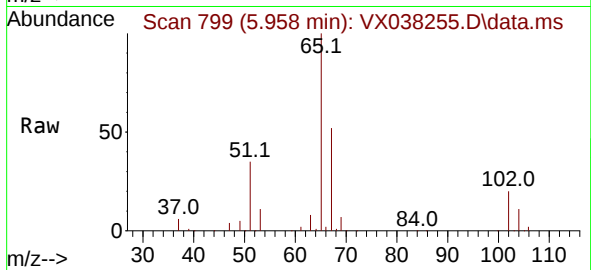
#33
 1,2-Dichloroethane-d4
 Concen: 51.591 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038255.D
 Acq: 12 Oct 2023 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 65 Resp: 9430
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 100.2

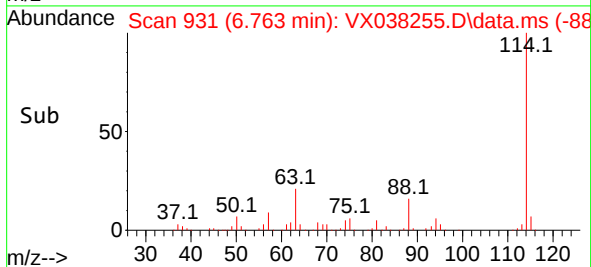
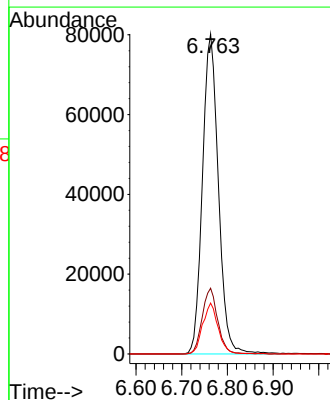
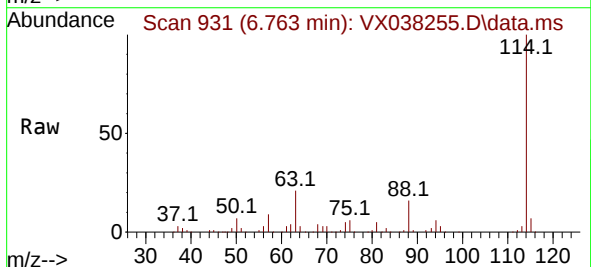
Manual Integrations
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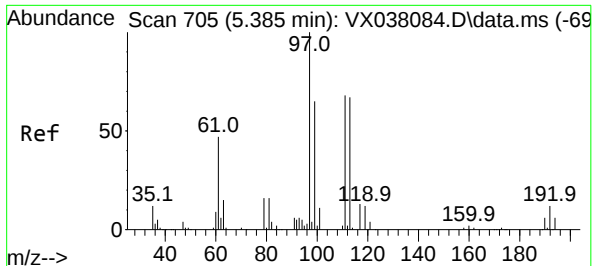
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038255.D
 Acq: 12 Oct 2023 14:38

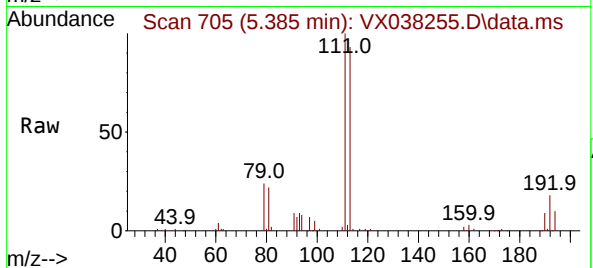
Tgt Ion:114 Resp: 193792
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.0
 88 15.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 51.924 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

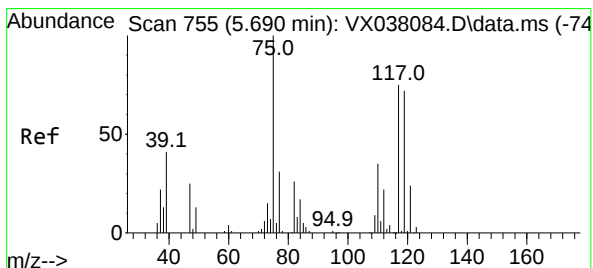
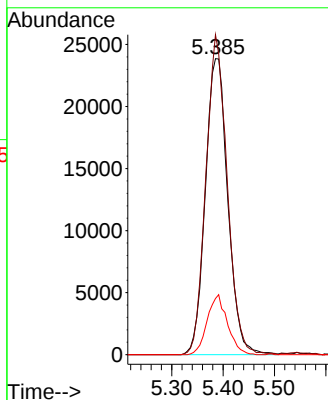
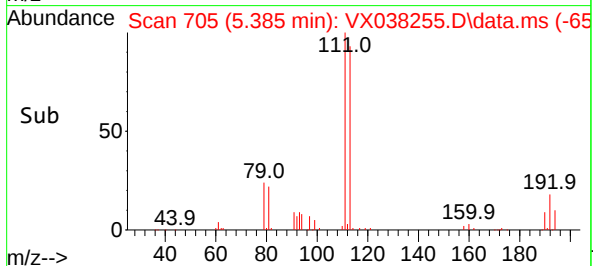
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion:113 Resp: 72500
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.2 13.3 19.9

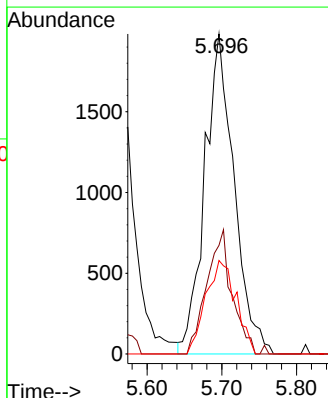
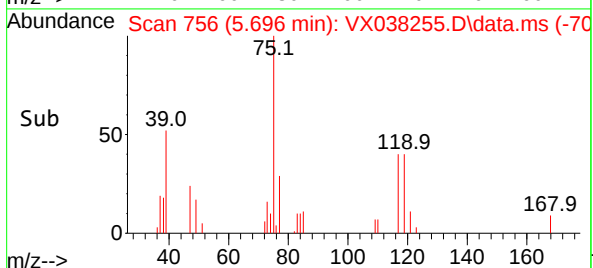
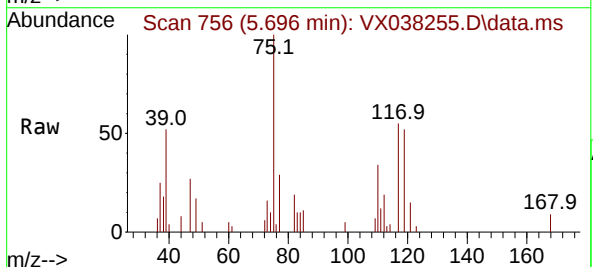
Manual Integrations
APPROVED

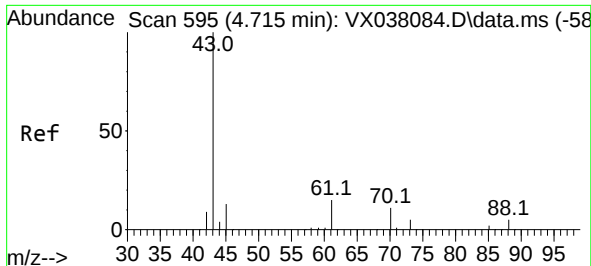
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#36
1,1-Dichloropropene
Concen: 2.816 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Tgt Ion: 75 Resp: 5422
Ion Ratio Lower Upper
75 100
110 33.3 17.0 50.9
77 30.0 24.7 37.1





#37

Ethyl Acetate

Concen: 2.523 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX038255.D

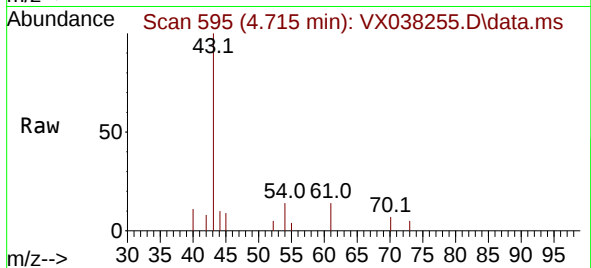
Acq: 12 Oct 2023 14:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023



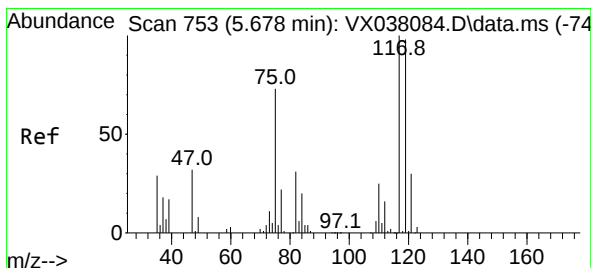
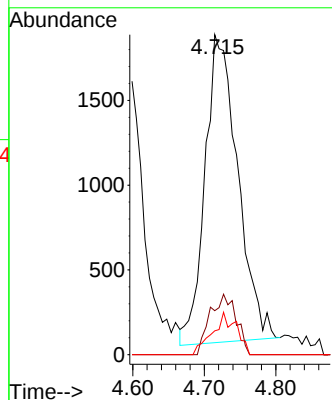
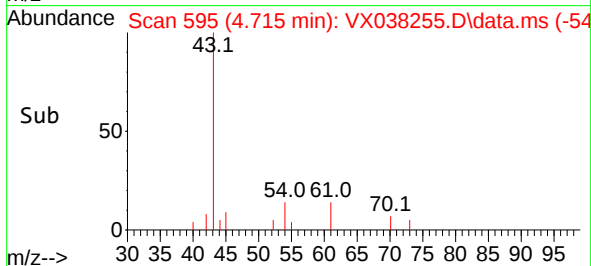
Tgt Ion:	43	Resp:	5769
Ion	Ratio	Lower	Upper
43	100		
61	15.6	10.6	16.0
70	10.0	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#38

Carbon Tetrachloride

Concen: 2.618 ug/l

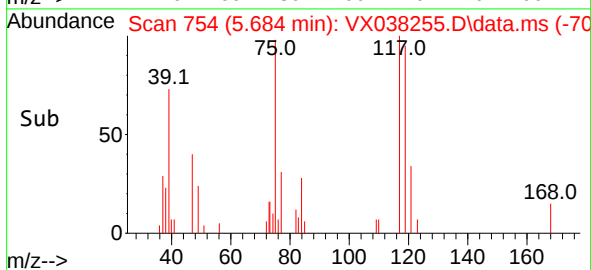
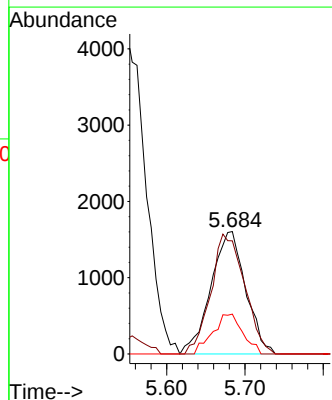
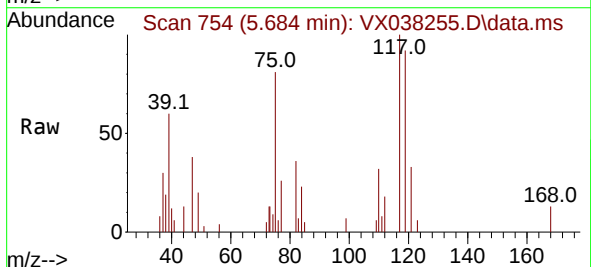
RT: 5.684 min Scan# 754

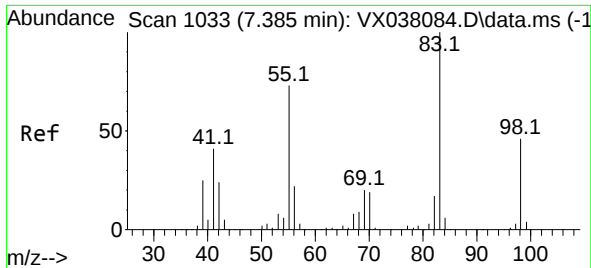
Delta R.T. 0.006 min

Lab File: VX038255.D

Acq: 12 Oct 2023 14:38

Tgt Ion:	117	Resp:	4959
Ion	Ratio	Lower	Upper
117	100		
119	92.4	78.2	117.2
121	32.6	24.4	36.6





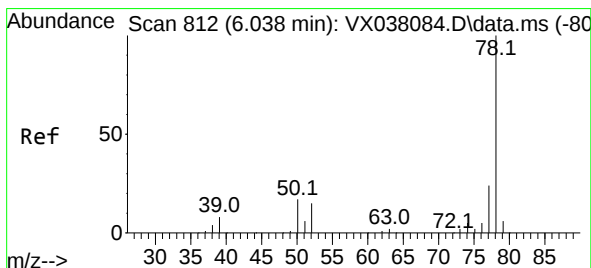
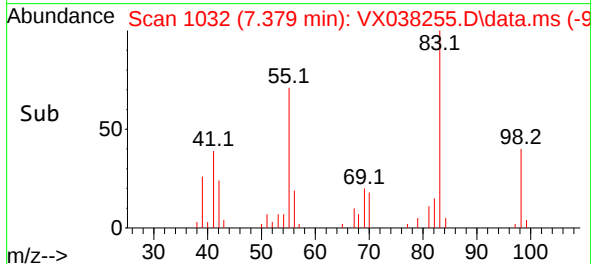
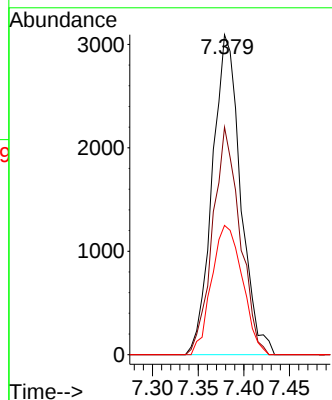
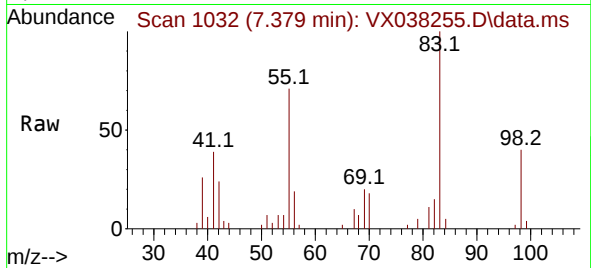
#39
Methylcyclohexane
Concen: 2.943 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 83 Resp: 6639
Ion Ratio Lower Upper
83 100
55 71.1 64.6 97.0
98 40.4 36.7 55.1

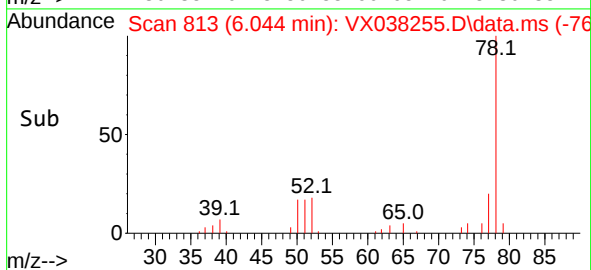
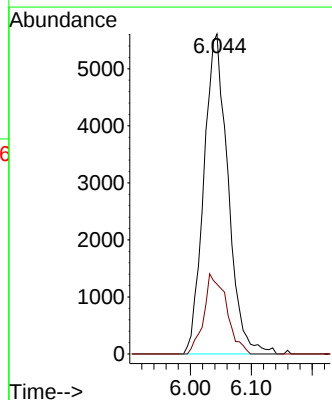
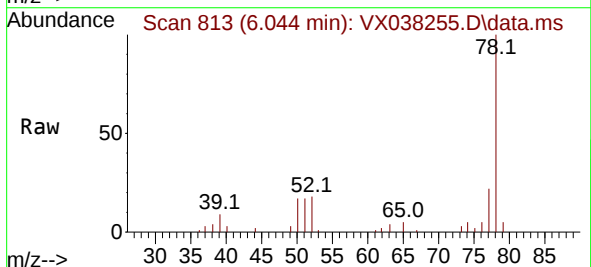
Manual Integrations
APPROVED

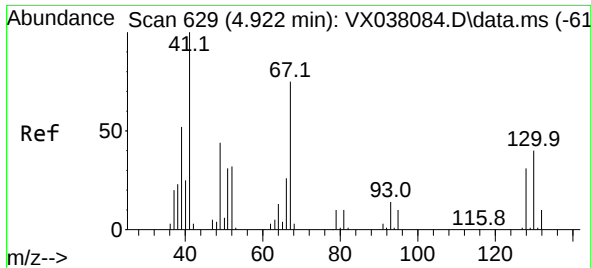
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#40
Benzene
Concen: 2.870 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

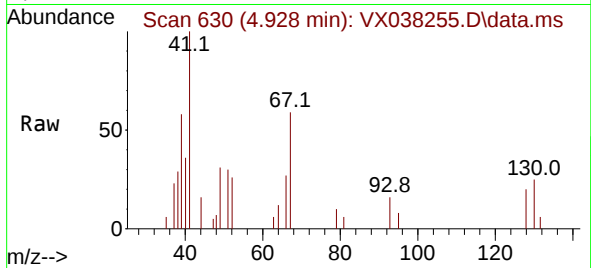
Tgt Ion: 78 Resp: 15457
Ion Ratio Lower Upper
78 100
77 21.8 19.3 28.9





#41
Methacrylonitrile
Concen: 2.714 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

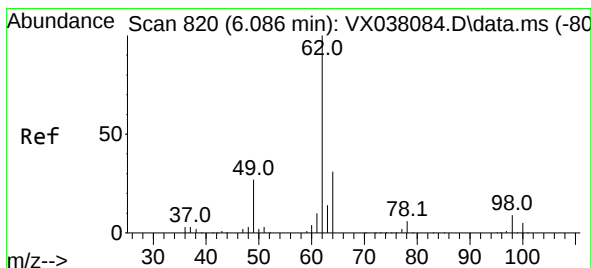
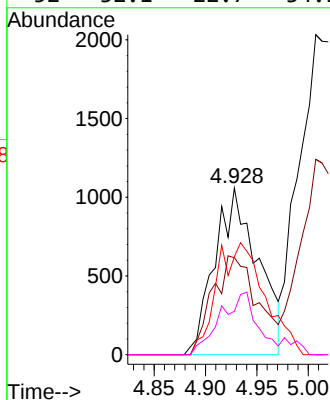
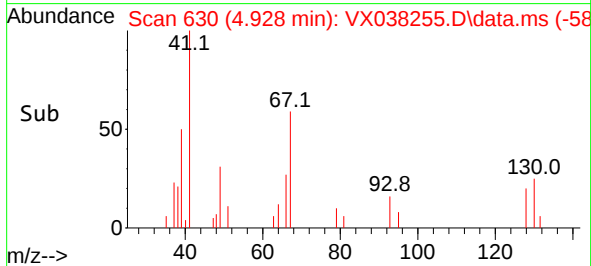
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 41 Resp: 3088
Ion Ratio Lower Upper
41 100
39 61.8 45.2 67.8
67 74.7 52.6 78.8
52 32.1 22.7 34.1

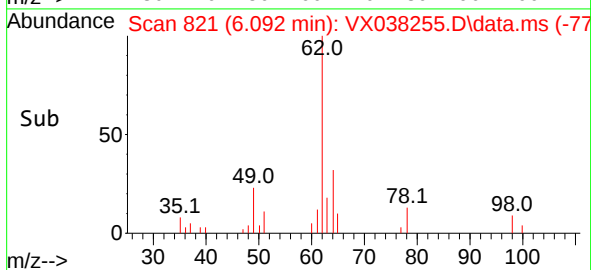
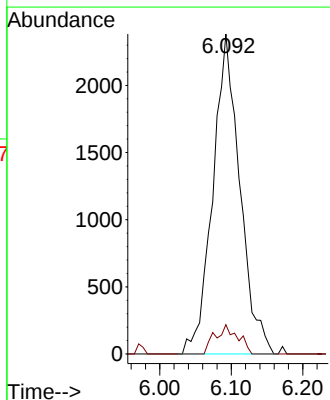
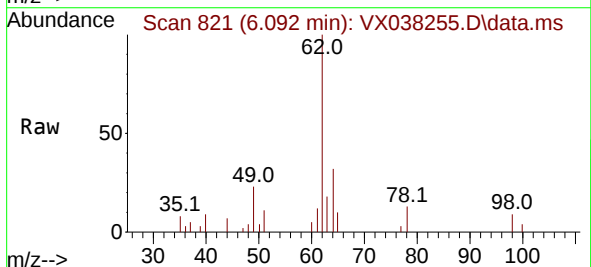
Manual Integrations
APPROVED

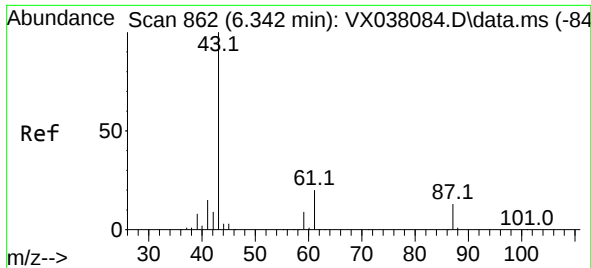
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#42
1,2-Dichloroethane
Concen: 2.917 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

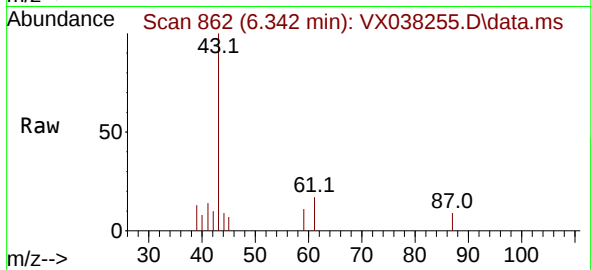
Tgt Ion: 62 Resp: 6276
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 2.459 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

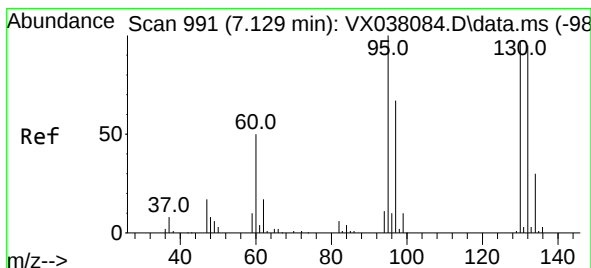
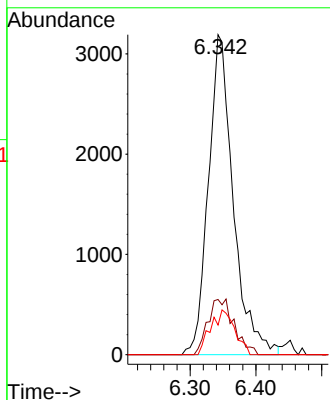
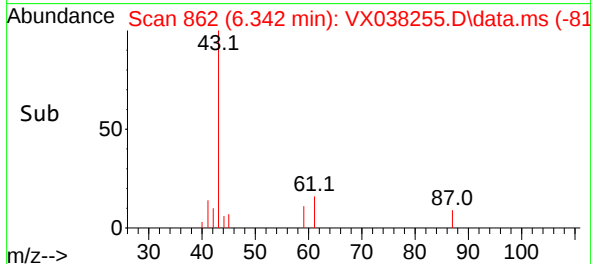
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



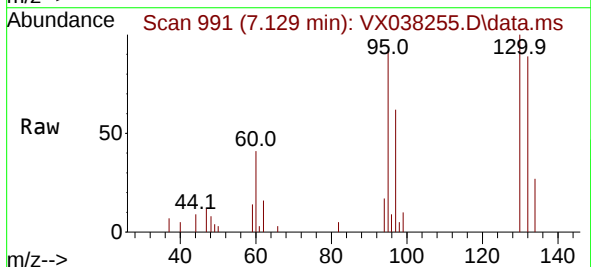
Tgt Ion: 43 Resp: 8390
Ion Ratio Lower Upper
43 100
61 18.4 15.2 22.8
87 13.5 9.8 14.6

Manual Integrations
APPROVED

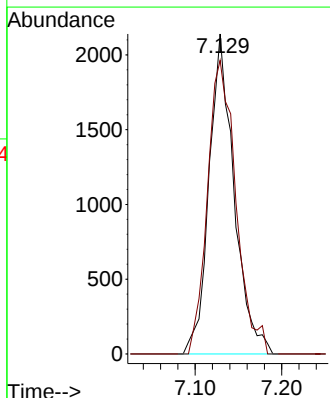
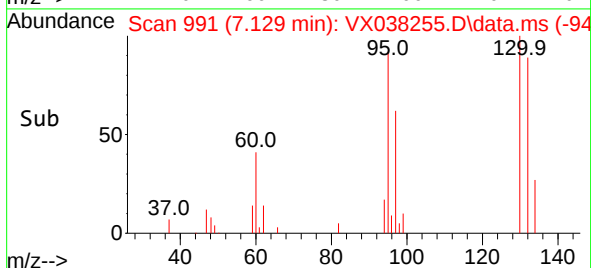
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

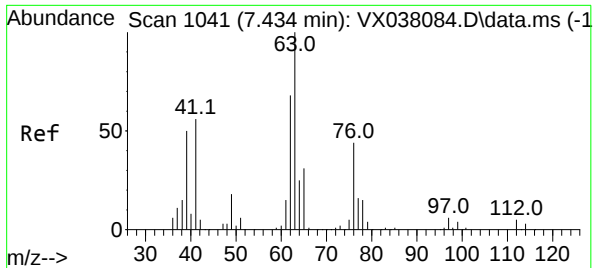


#44
Trichloroethene
Concen: 3.040 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38



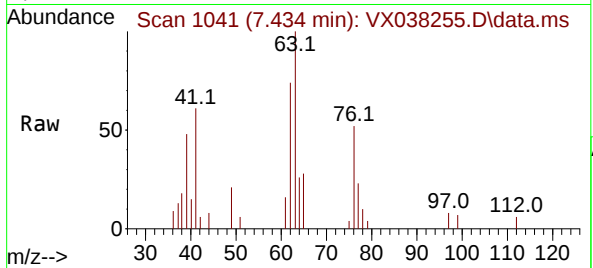
Tgt Ion:130 Resp: 4282
Ion Ratio Lower Upper
130 100
95 91.7 0.0 204.4





#45
1,2-Dichloropropane
Concen: 2.702 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

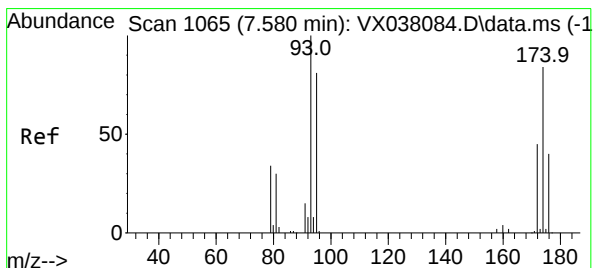
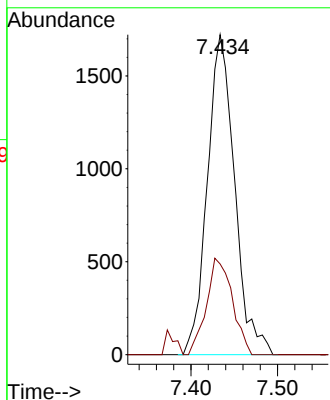
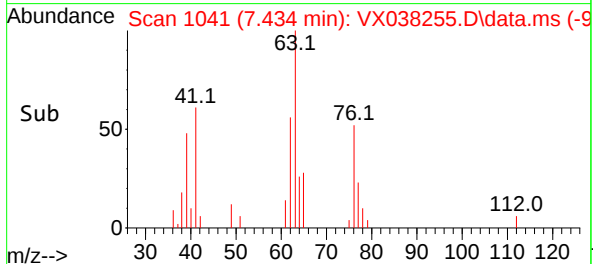
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 63 Resp: 376
Ion Ratio Lower Upper
63 100
65 28.3 24.3 36.5

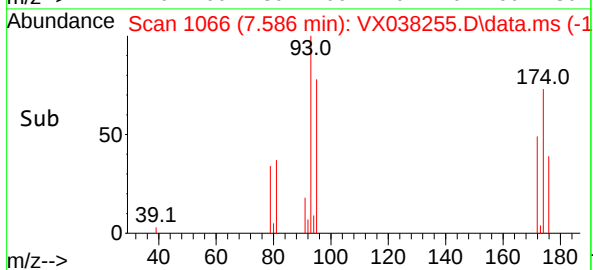
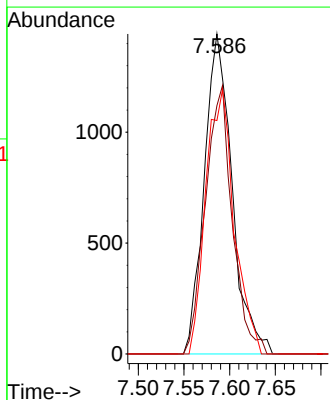
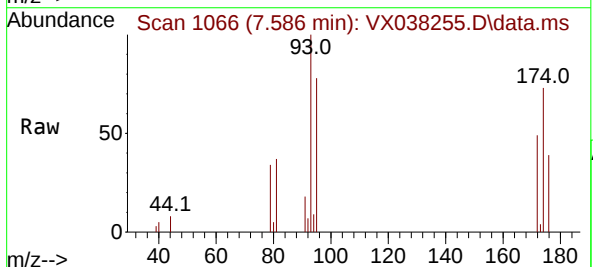
Manual Integrations
APPROVED

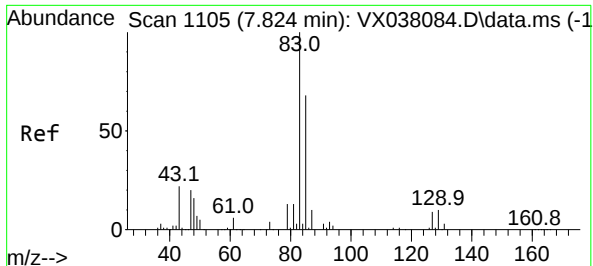
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#46
Dibromomethane
Concen: 2.831 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Tgt Ion: 93 Resp: 3061
Ion Ratio Lower Upper
93 100
95 81.3 66.6 100.0
174 84.4 69.4 104.0





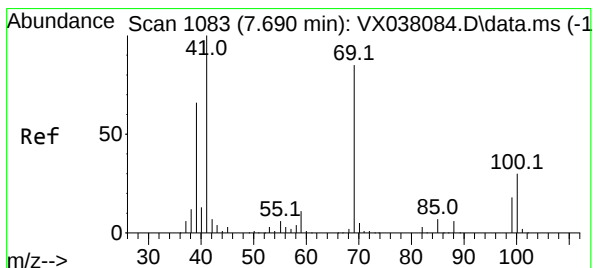
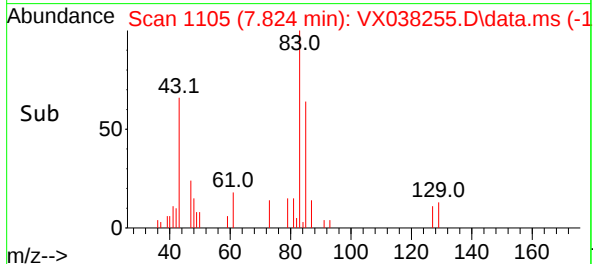
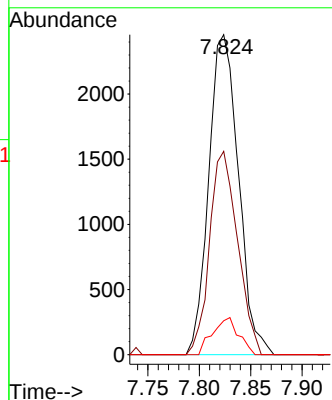
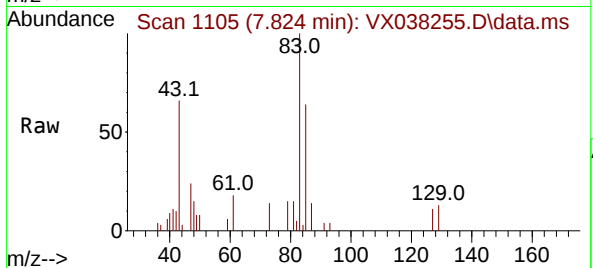
#47
Bromodichloromethane
Concen: 2.565 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 83 Resp: 4934
Ion Ratio Lower Upper
83 100
85 63.6 49.8 74.6
127 10.6 7.1 10.7

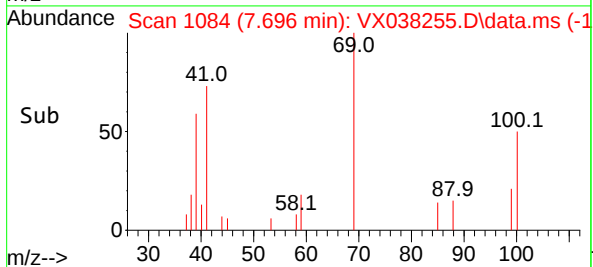
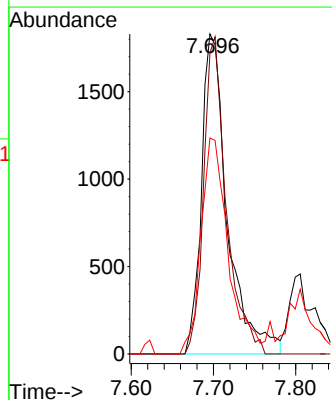
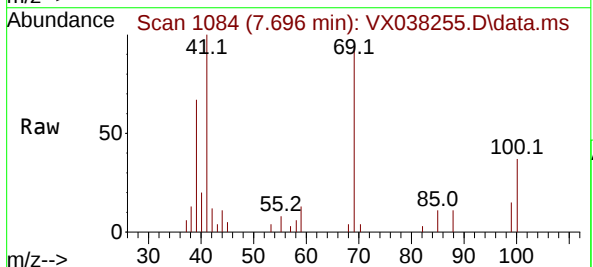
Manual Integrations
APPROVED

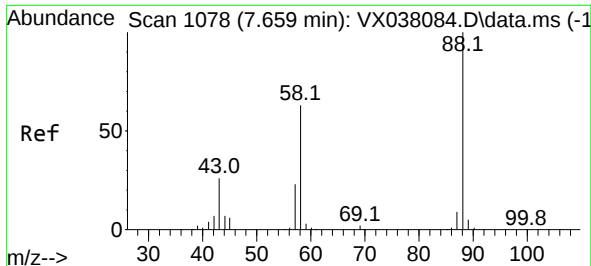
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#48
Methyl methacrylate
Concen: 2.460 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

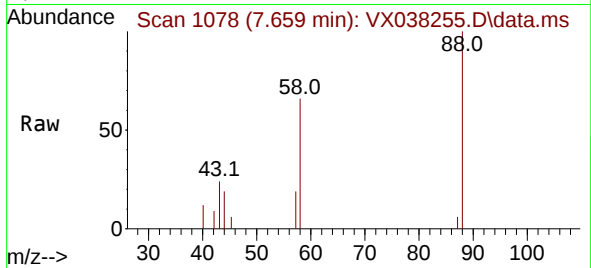
Tgt Ion: 41 Resp: 4010
Ion Ratio Lower Upper
41 100
69 87.0 59.2 88.8
39 70.6 47.7 71.5





#49
1,4-Dioxane
Concen: 57.916 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

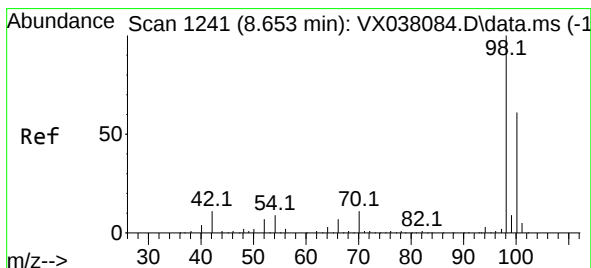
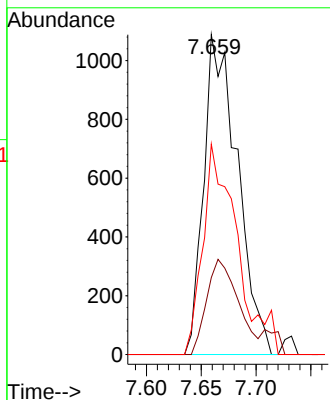
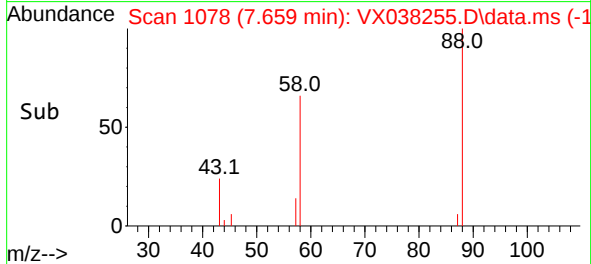
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 88 Resp: 2320
Ion Ratio Lower Upper
88 100
43 28.1 0.0 0.0
58 66.7 60.1 90.1

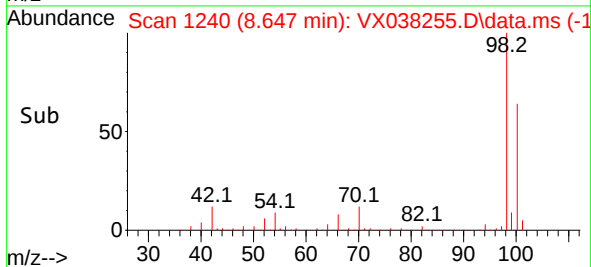
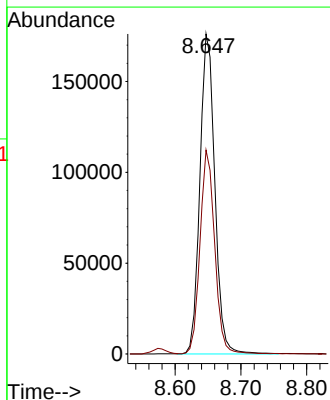
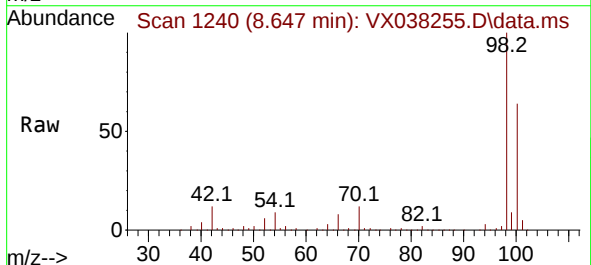
Manual Integrations
APPROVED

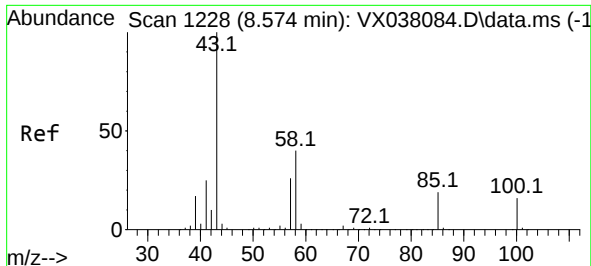
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#50
Toluene-d8
Concen: 52.191 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

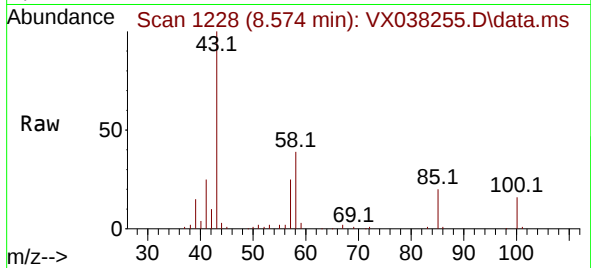
Tgt Ion: 98 Resp: 278488
Ion Ratio Lower Upper
98 100
100 62.5 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 13.147 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

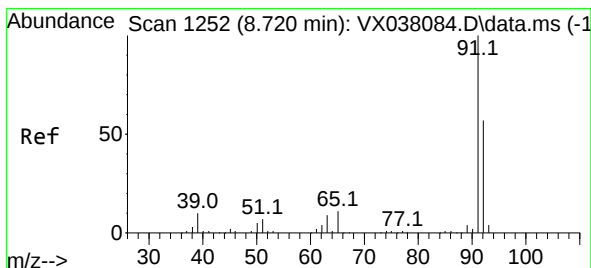
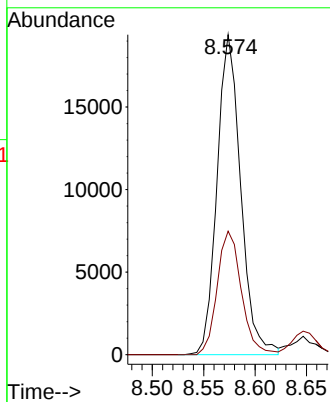
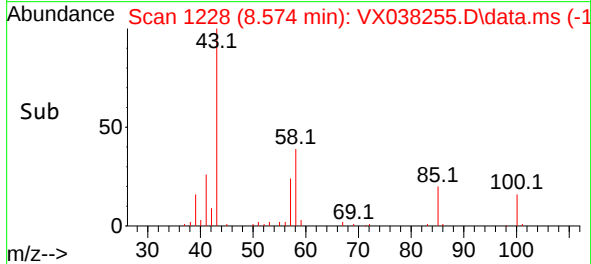
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 43 Resp: 30958
Ion Ratio Lower Upper
43 100
58 39.5 30.4 45.6

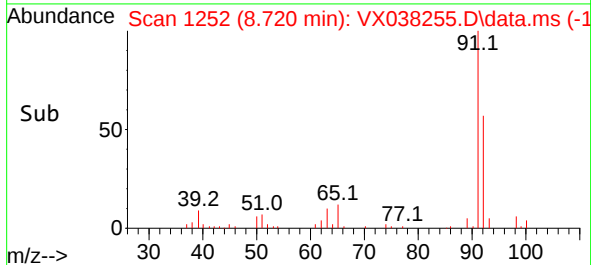
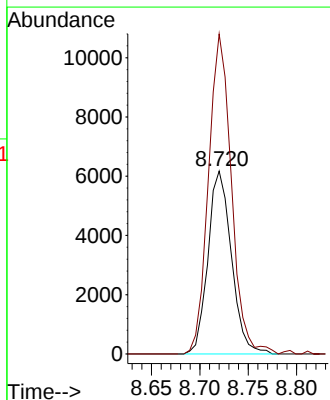
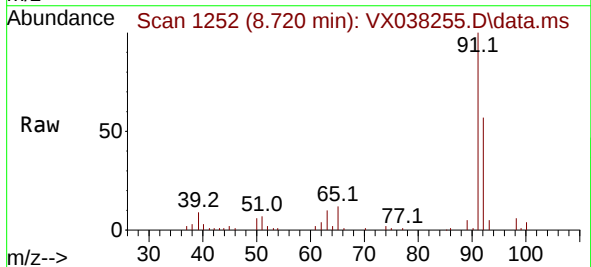
Manual Integrations
APPROVED

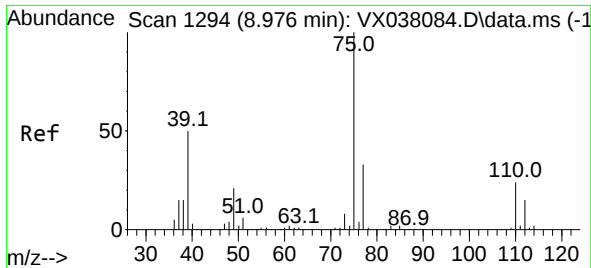
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#52
Toluene
Concen: 2.972 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Tgt Ion: 92 Resp: 10427
Ion Ratio Lower Upper
92 100
91 171.2 134.2 201.2





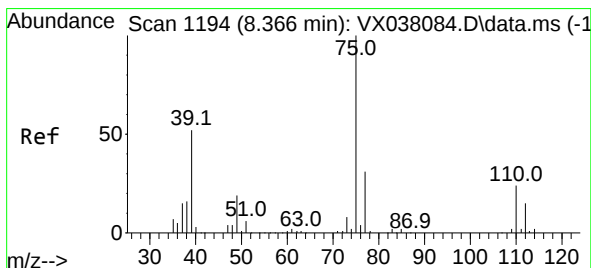
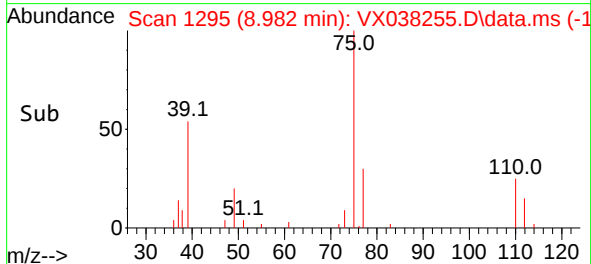
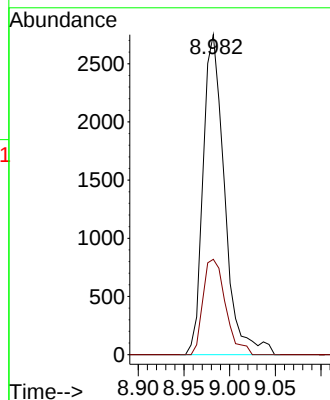
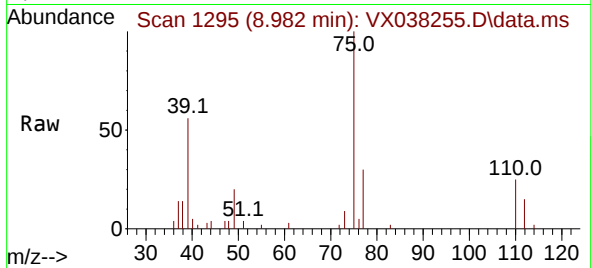
#53
 t-1,3-Dichloropropene
 Concen: 2.181 ug/l
 RT: 8.982 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VX038255.D
 Acq: 12 Oct 2023 14:38

Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 75 Resp: 4502
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.7 38.5

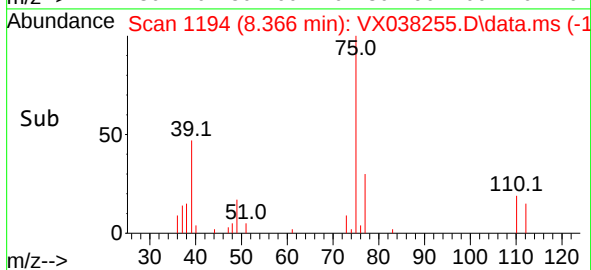
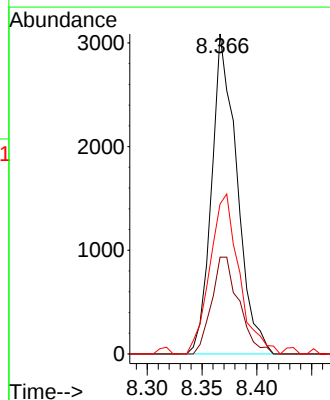
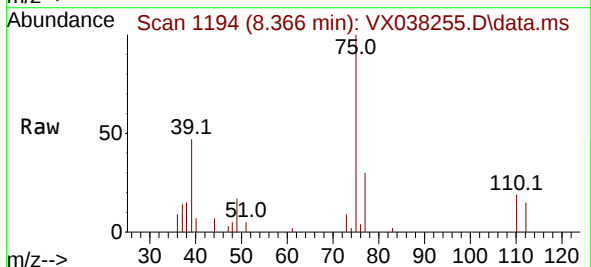
Manual Integrations
 APPROVED

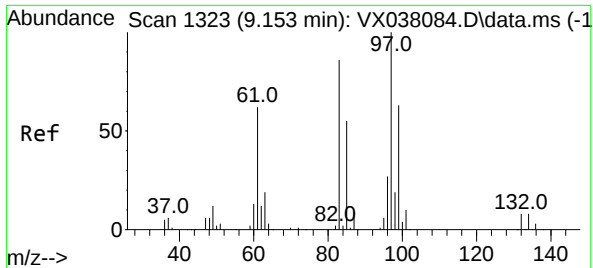
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023



#54
 cis-1,3-Dichloropropene
 Concen: 2.287 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX038255.D
 Acq: 12 Oct 2023 14:38

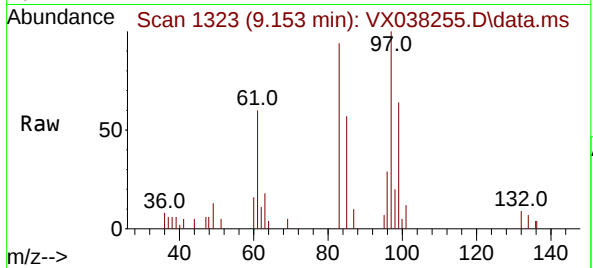
Tgt Ion: 75 Resp: 4960
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.3 37.9
 39 46.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 2.835 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

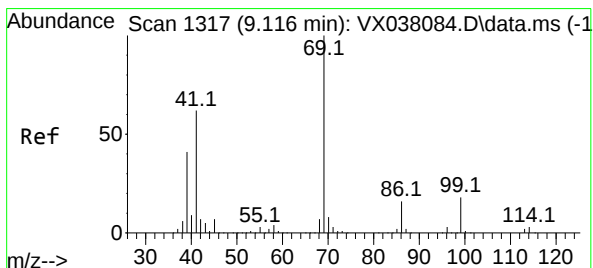
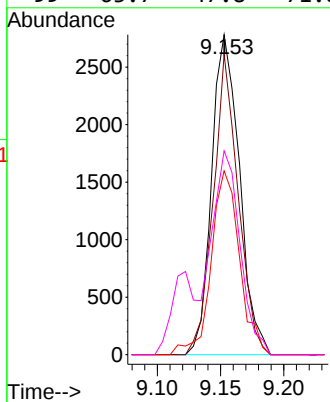
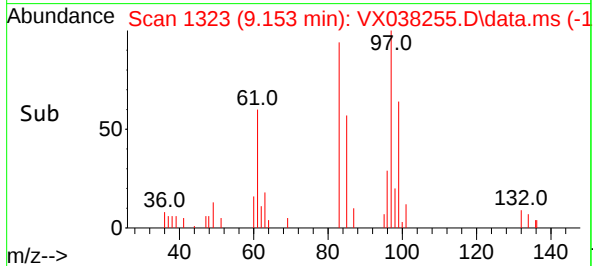
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion	Ratio	Lower	Upper
97	100		
83	94.0	65.8	98.8
85	57.5	41.6	62.4
99	63.7	47.8	71.8

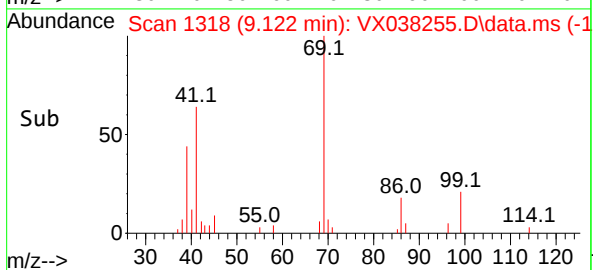
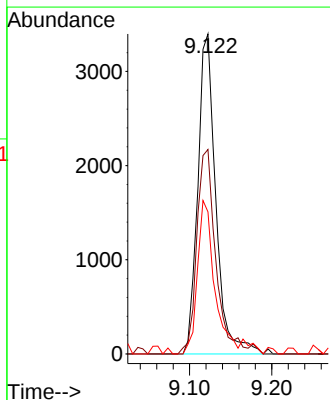
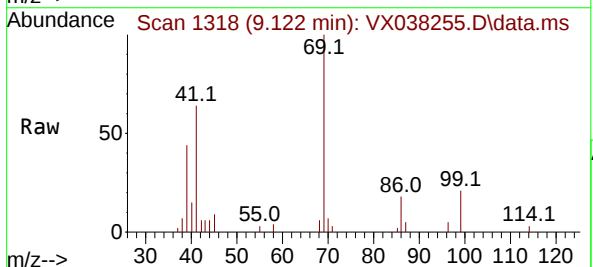
Manual Integrations
APPROVED

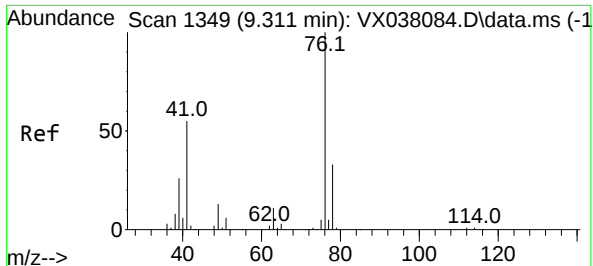
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#56
Ethyl methacrylate
Concen: 2.256 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

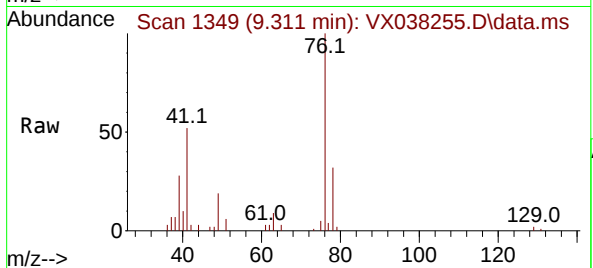
Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.2	56.8	85.2
39	45.3	32.0	48.0





#57
1,3-Dichloropropane
Concen: 2.855 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

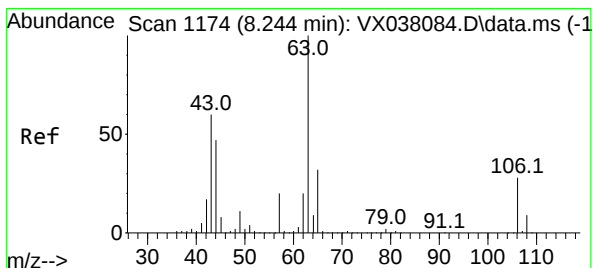
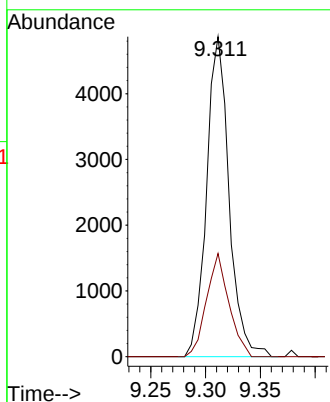
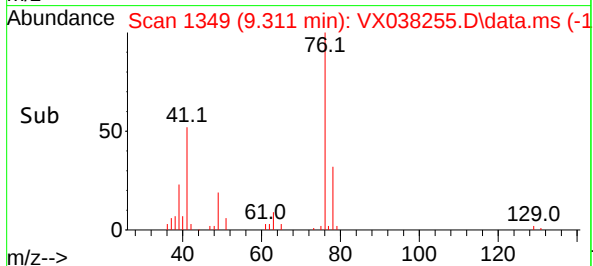
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



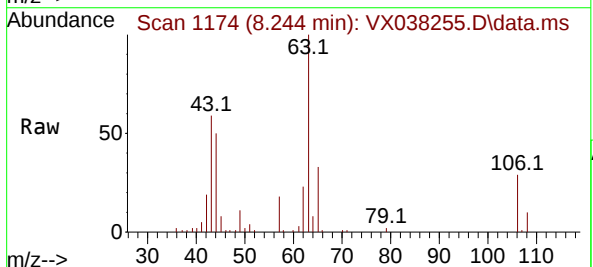
Tgt Ion: 76 Resp: 6929
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1

Manual Integrations
APPROVED

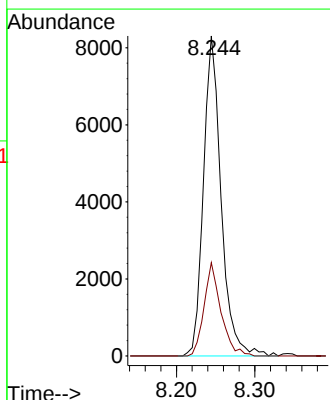
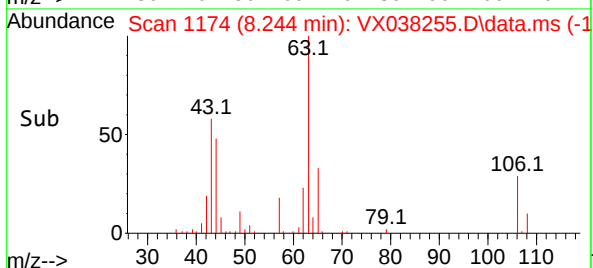
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

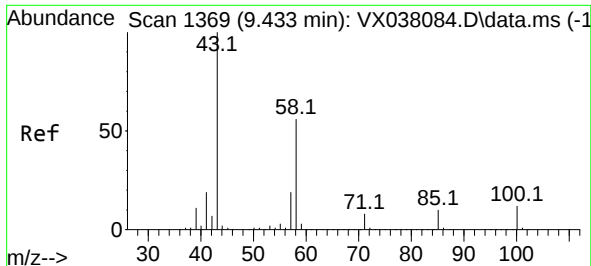


#58
2-Chloroethyl Vinyl ether
Concen: 11.536 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38



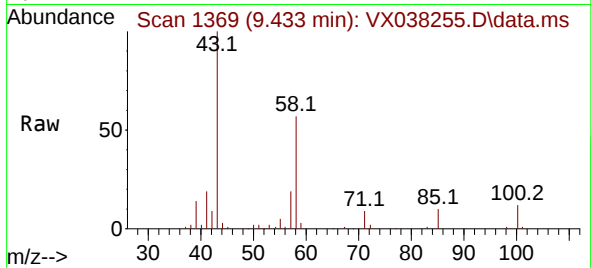
Tgt Ion: 63 Resp: 13028
Ion Ratio Lower Upper
63 100
106 27.8 22.5 33.7





#59
2-Hexanone
Concen: 12.782 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

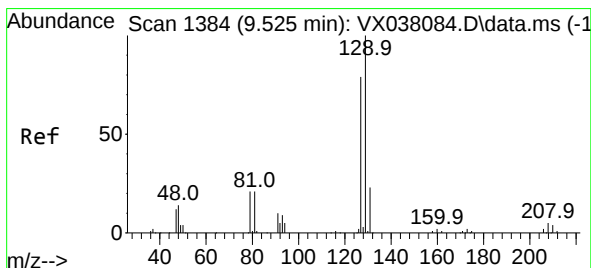
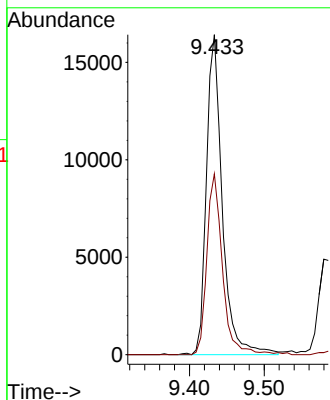
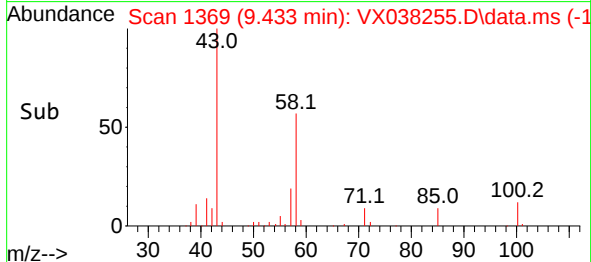
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 43 Resp: 24198
Ion Ratio Lower Upper
43 100
58 55.9 26.2 78.5

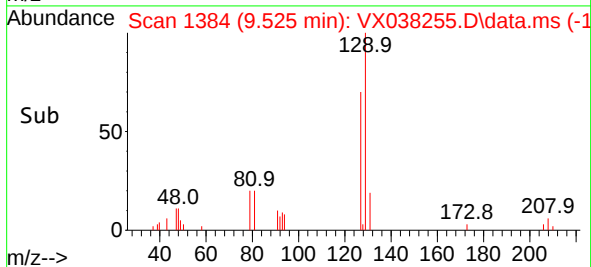
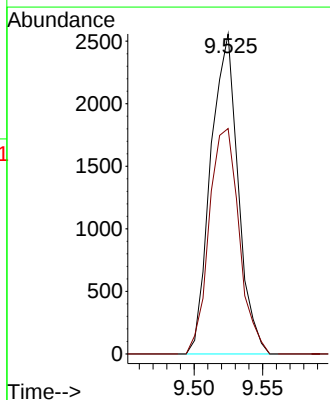
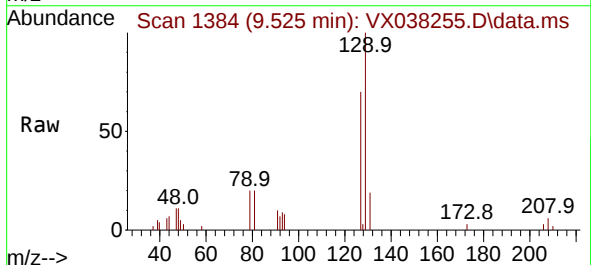
Manual Integrations
APPROVED

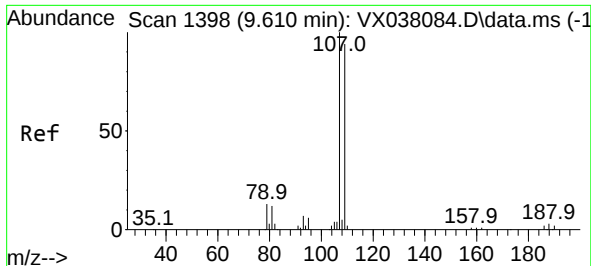
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#60
Dibromochloromethane
Concen: 2.425 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Tgt Ion:129 Resp: 3562
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4





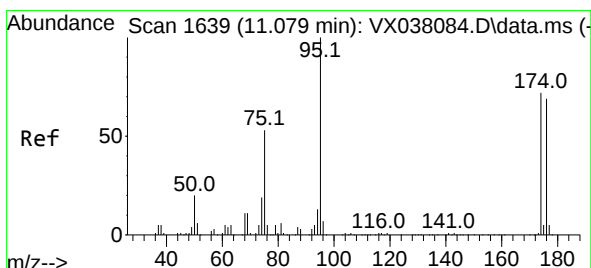
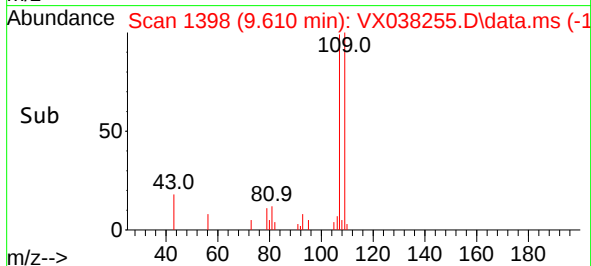
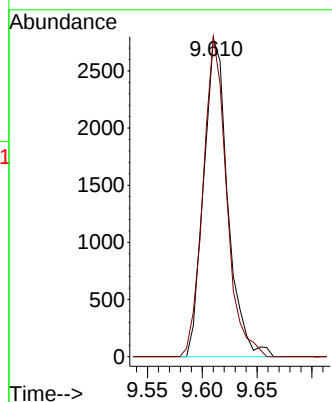
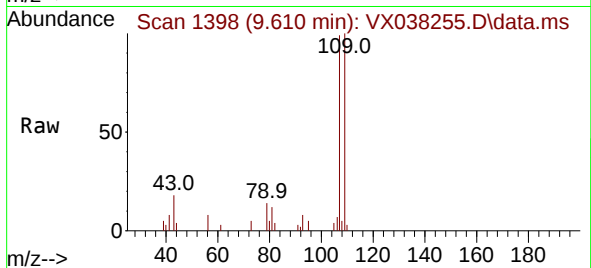
#61
1,2-Dibromoethane
Concen: 2.622 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:107 Resp: 425
Ion Ratio Lower Upper
107 100
109 97.7 75.2 112.8

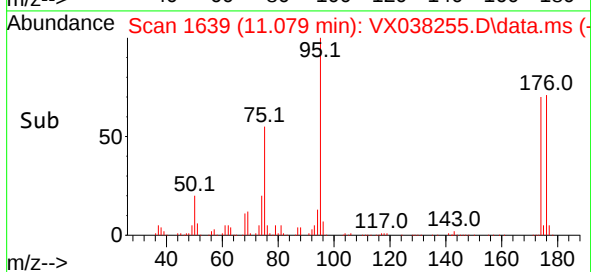
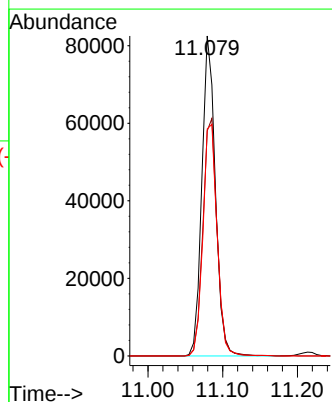
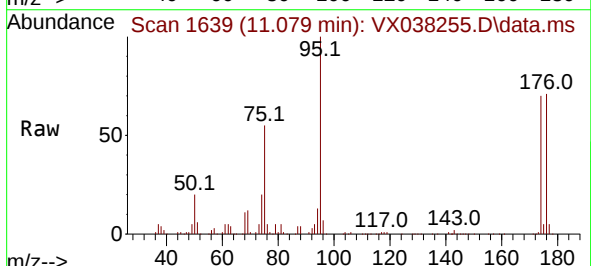
Manual Integrations
APPROVED

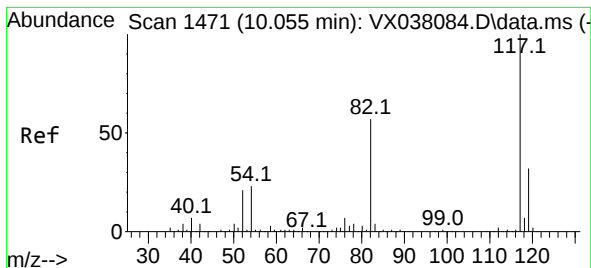
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#62
4-Bromofluorobenzene
Concen: 51.010 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

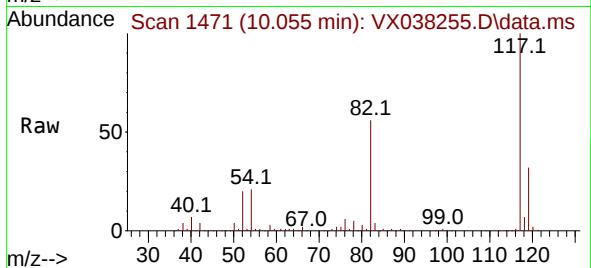
Tgt Ion: 95 Resp: 103189
Ion Ratio Lower Upper
95 100
174 78.3 0.0 135.6
176 76.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

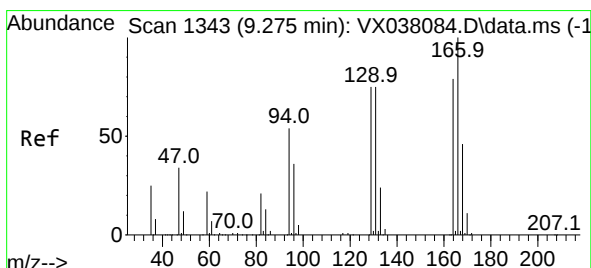
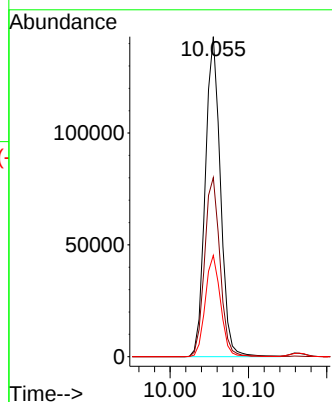
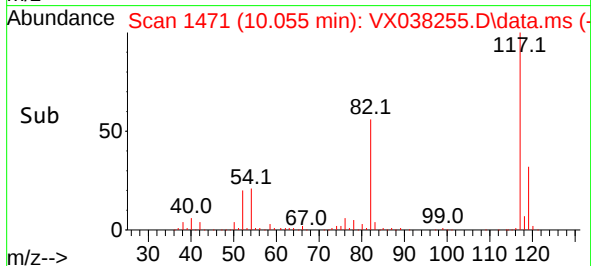
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



Tgt Ion:117 Resp: 19204
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 31.6 25.5 38.3

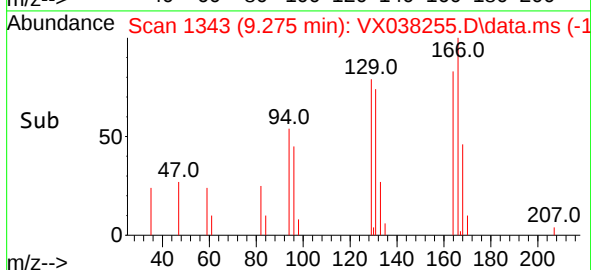
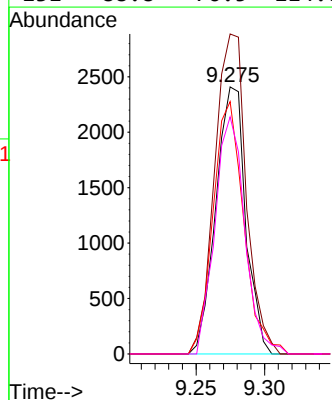
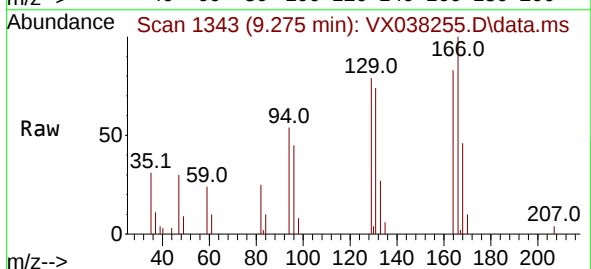
Manual Integrations
APPROVED

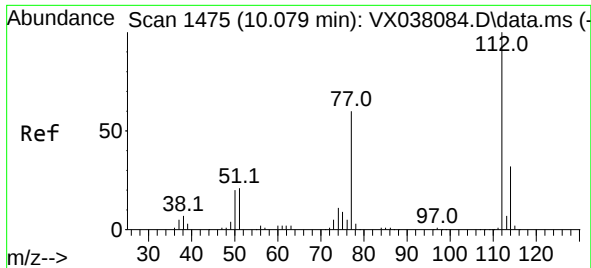
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#64
Tetrachloroethene
Concen: 2.932 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Tgt Ion:164 Resp: 3645
Ion Ratio Lower Upper
164 100
166 119.8 102.7 154.1
129 94.5 80.4 120.6
131 88.8 76.5 114.7





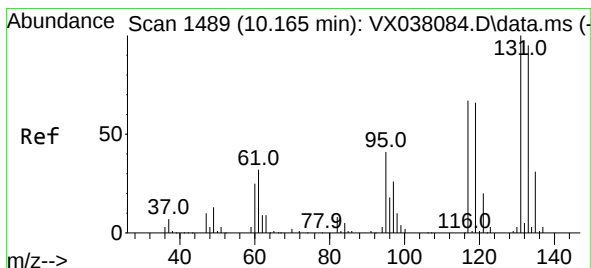
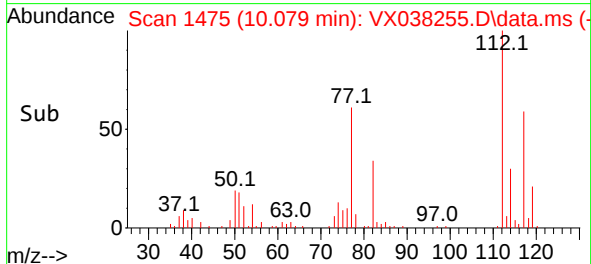
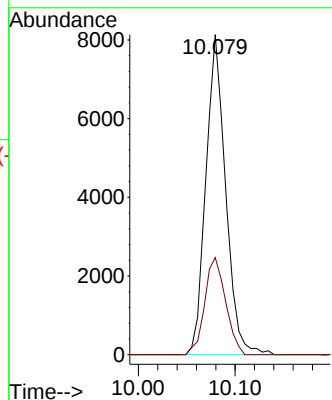
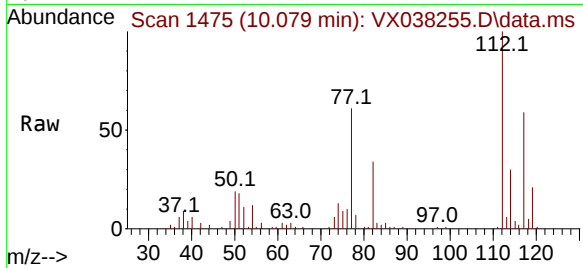
#65
Chlorobenzene
Concen: 2.880 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:112 Resp: 11572
Ion Ratio Lower Upper
112 100
114 30.4 25.7 38.5

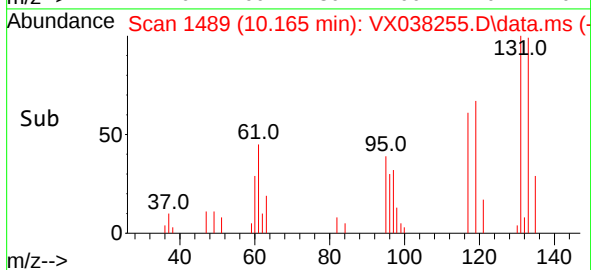
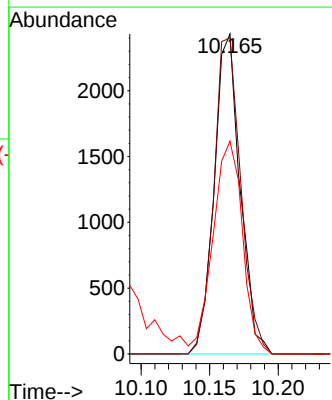
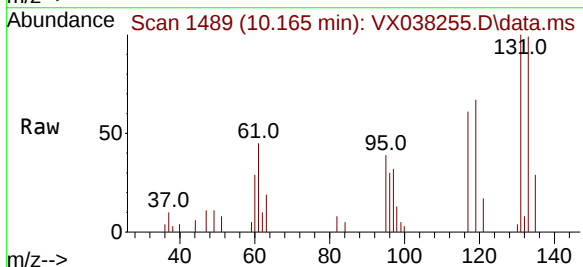
Manual Integrations
APPROVED

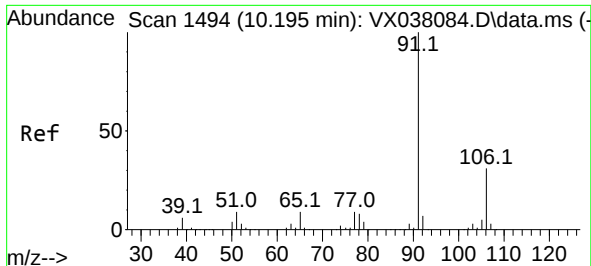
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 2.357 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Tgt Ion:131 Resp: 3203
Ion Ratio Lower Upper
131 100
133 102.4 47.1 141.4
119 75.3 32.2 96.6





#67

Ethyl Benzene

Concen: 2.740 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038255.D

Acq: 12 Oct 2023 14:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 91 Resp: 1965

Ion Ratio Lower Upper

91 100

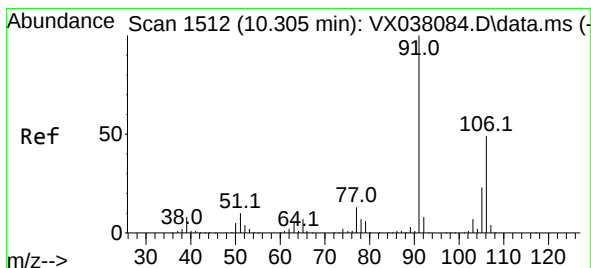
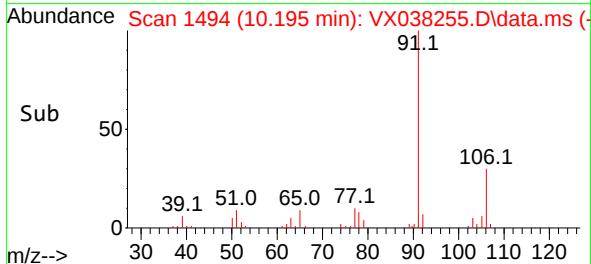
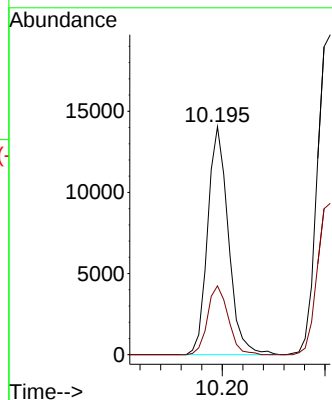
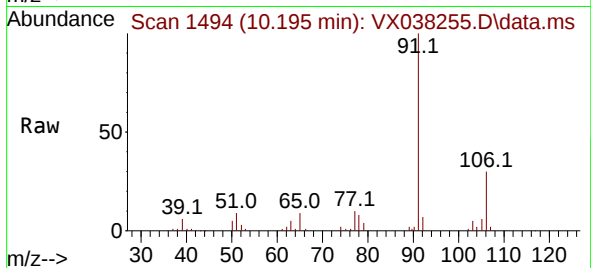
106 30.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#68

m/p-Xylenes

Concen: 5.071 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX038255.D

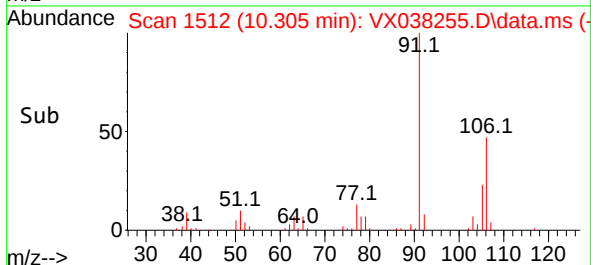
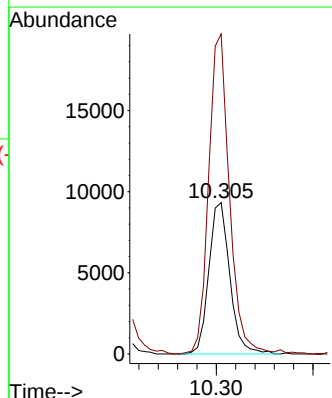
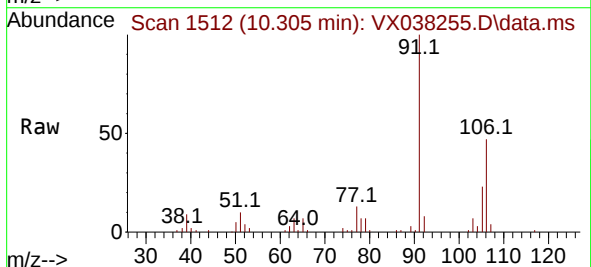
Acq: 12 Oct 2023 14:38

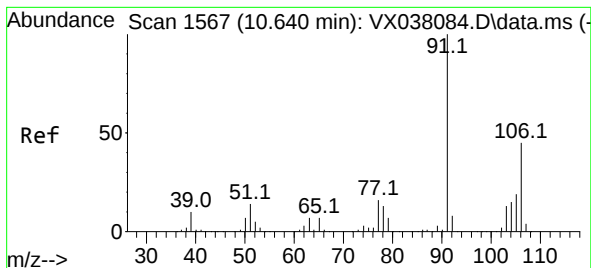
Tgt Ion:106 Resp: 14064

Ion Ratio Lower Upper

106 100

91 208.6 165.5 248.3





#69

o-Xylene

Concen: 2.321 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038255.D

Acq: 12 Oct 2023 14:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion:106 Resp: 628

Ion Ratio Lower Upper

106 100

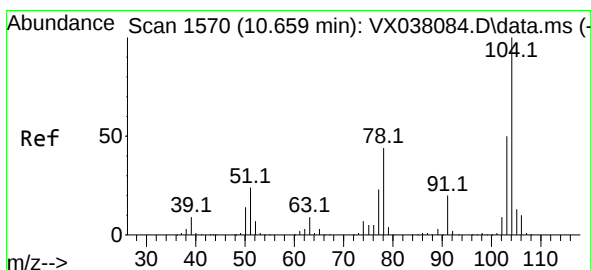
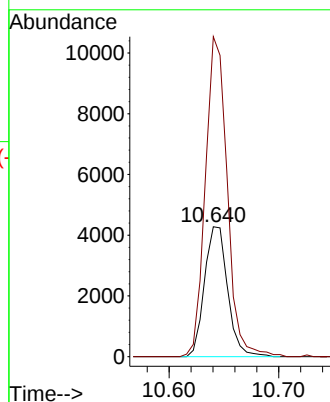
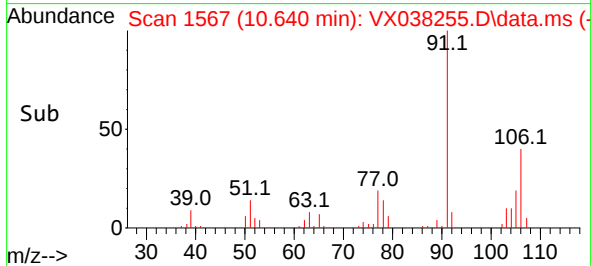
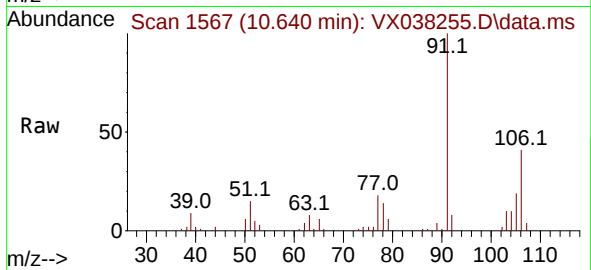
91 232.7 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#70

Styrene

Concen: 2.394 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX038255.D

Acq: 12 Oct 2023 14:38

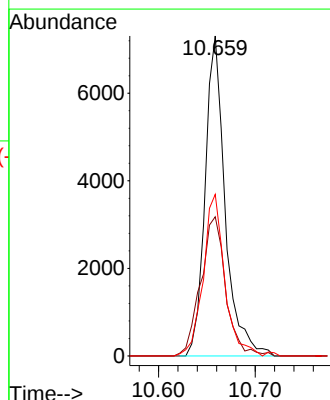
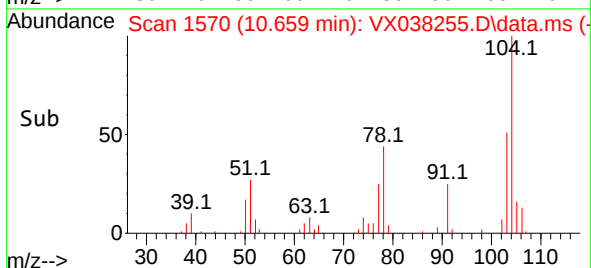
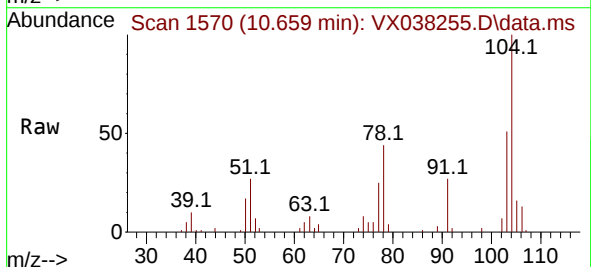
Tgt Ion:104 Resp: 10554

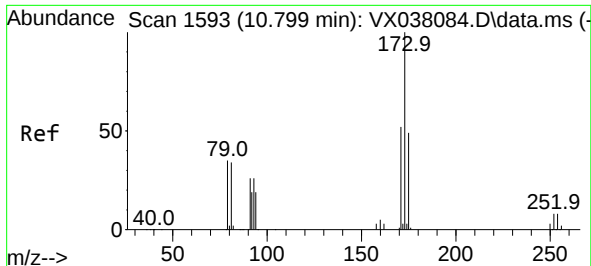
Ion Ratio Lower Upper

104 100

78 54.2 43.6 65.4

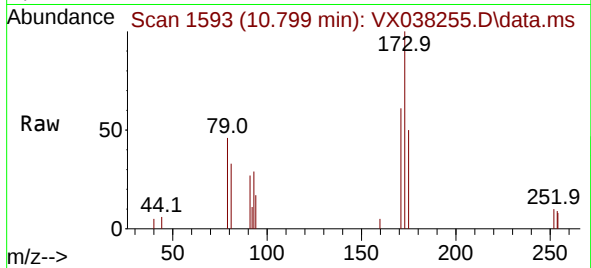
103 54.1 43.6 65.4





#71
Bromoform
Concen: 2.126 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

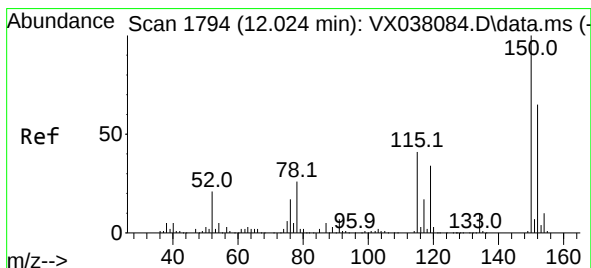
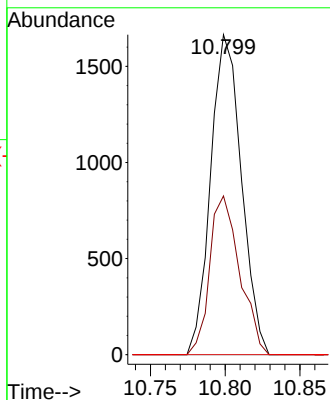
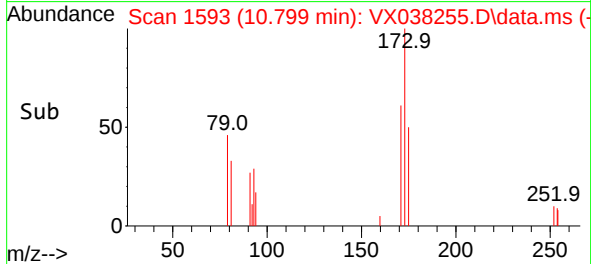
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



Tgt Ion:173 Resp: 238
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.0 0.0 0.0

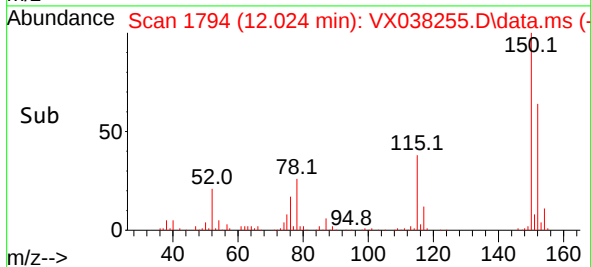
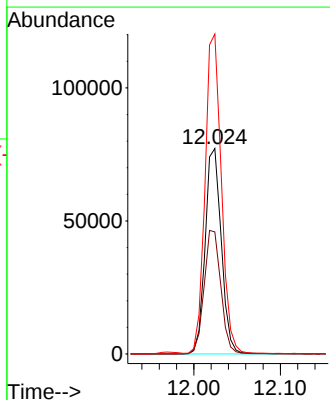
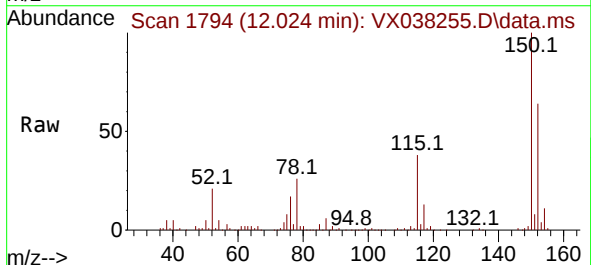
Manual Integrations
APPROVED

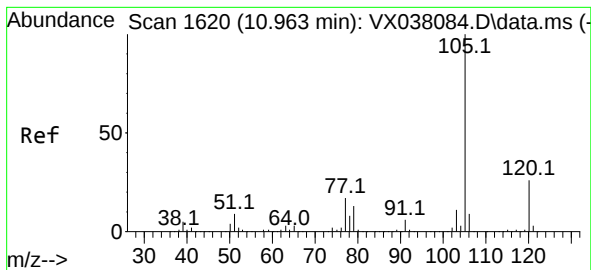
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Tgt Ion:152 Resp: 100039
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 156.6 0.0 345.0





#73

Isopropylbenzene

Concen: 2.561 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038255.D

Acq: 12 Oct 2023 14:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion:105 Resp: 17180

Ion Ratio Lower Upper

105 100

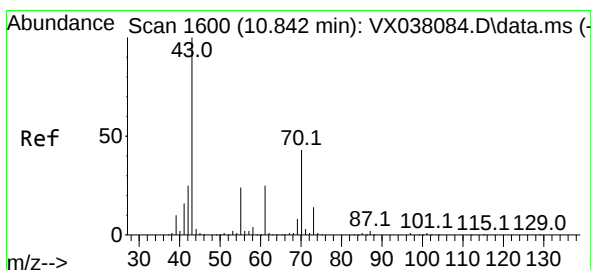
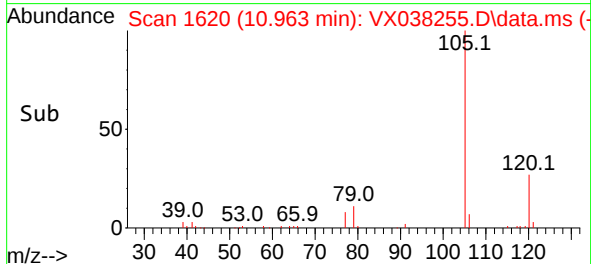
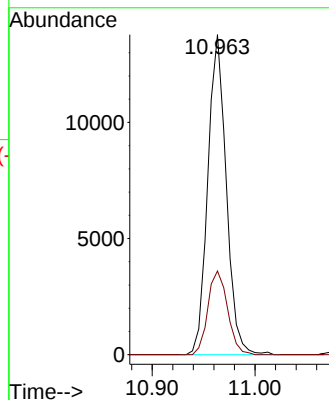
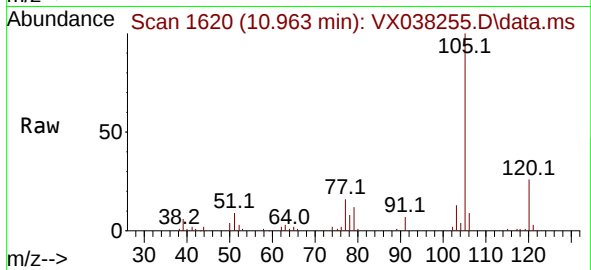
120 27.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#74

N-ethyl acetate

Concen: 2.101 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038255.D

Acq: 12 Oct 2023 14:38

Tgt Ion: 43 Resp: 6019

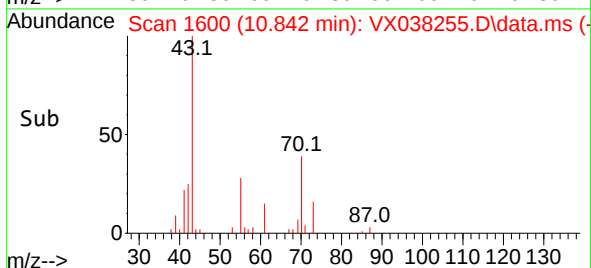
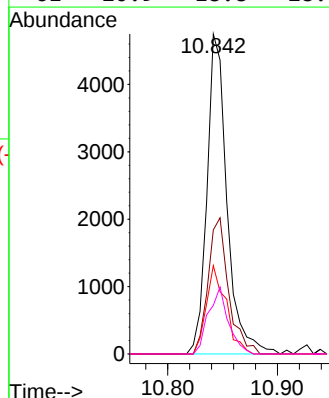
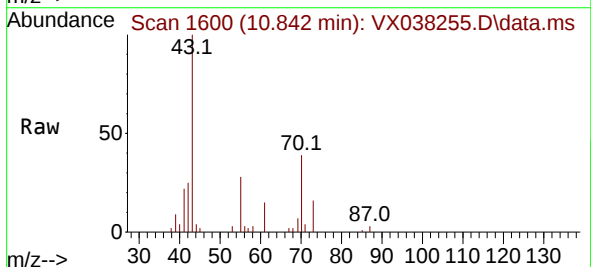
Ion Ratio Lower Upper

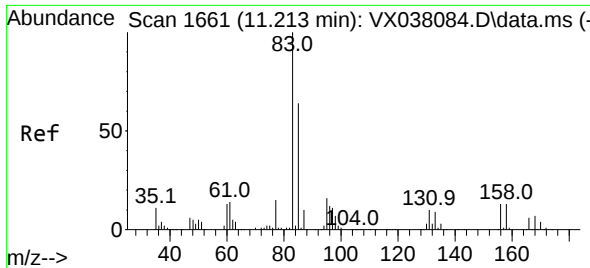
43 100

70 43.7 32.9 49.3

55 27.2 19.3 28.9

61 20.9 18.8 28.2





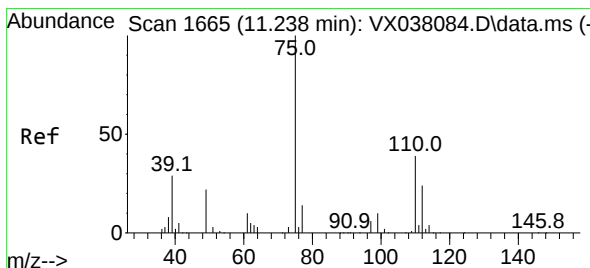
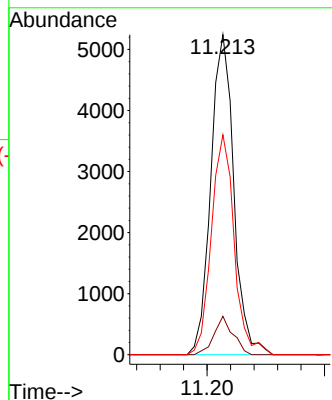
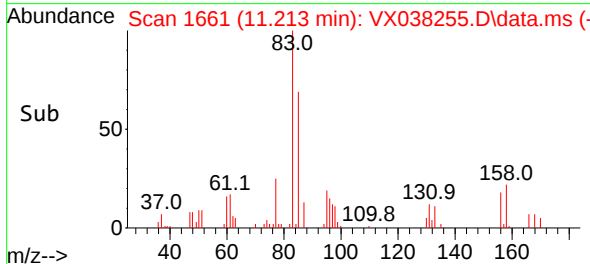
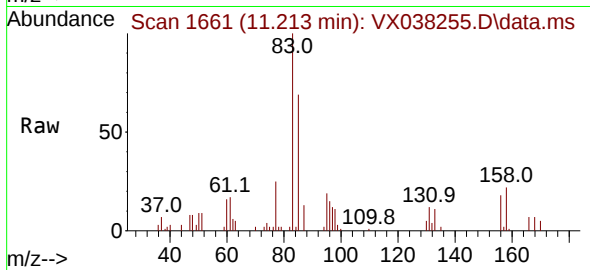
#75
1,1,2,2-Tetrachloroethane
Concen: 2.882 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 83 Resp: 7094
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 68.3 32.0 96.2

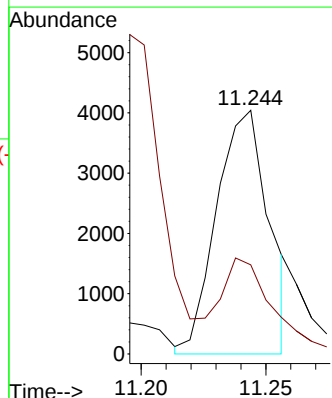
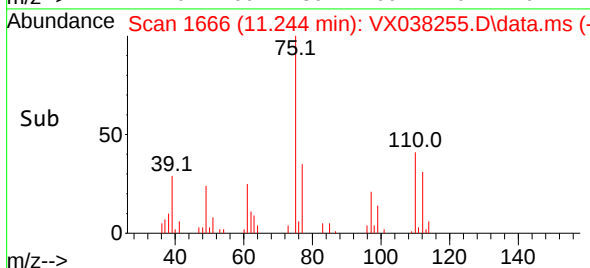
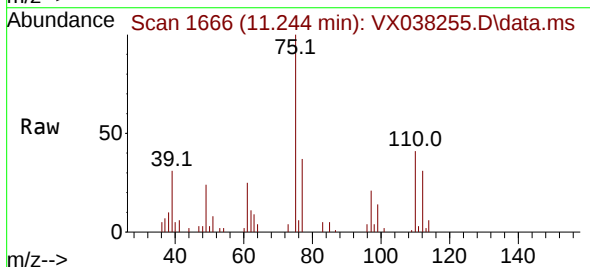
Manual Integrations
APPROVED

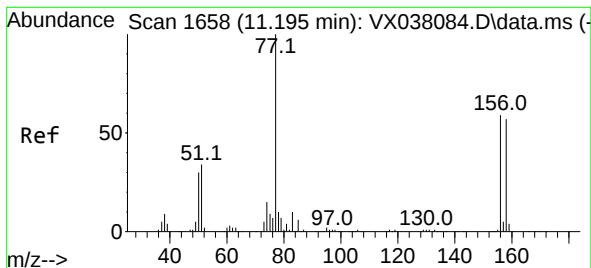
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#76
1,2,3-Trichloropropane
Concen: 2.595 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Tgt Ion: 75 Resp: 5901
Ion Ratio Lower Upper
75 100
77 39.8 19.1 57.5





#77

Bromobenzene

Concen: 2.899 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038255.D

Acq: 12 Oct 2023 14:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

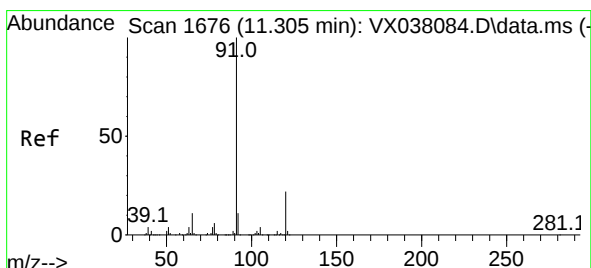
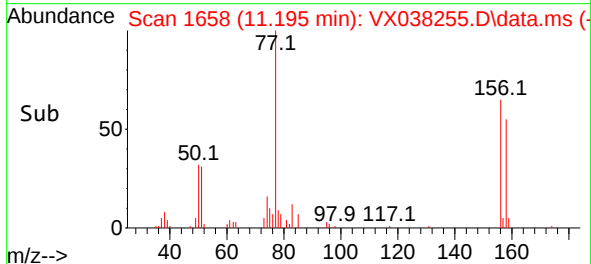
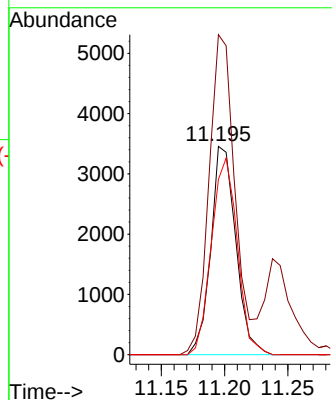
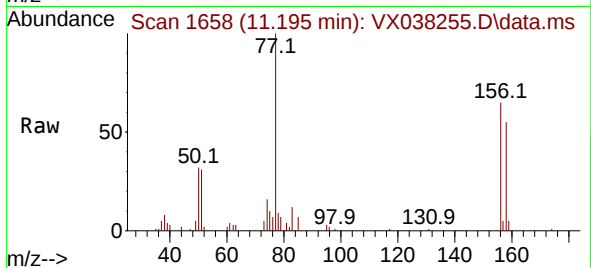
Tgt Ion:	156	Resp:	4748
Ion Ratio	Lower	Upper	
156	100		
77	157.0	88.4	265.3
158	98.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#78

n-propylbenzene

Concen: 2.660 ug/l

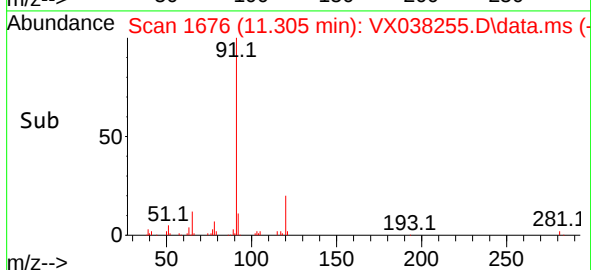
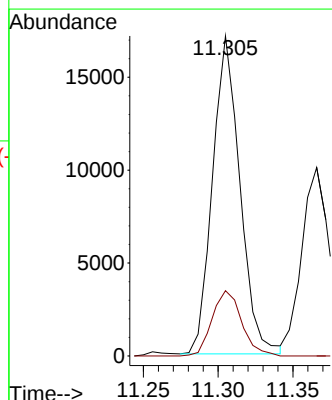
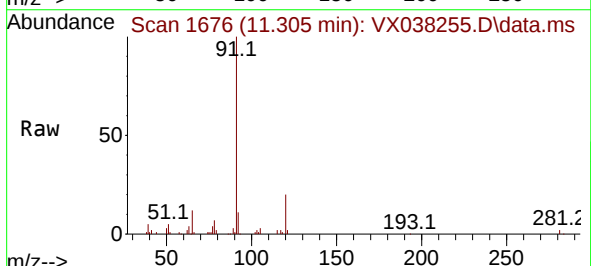
RT: 11.305 min Scan# 1676

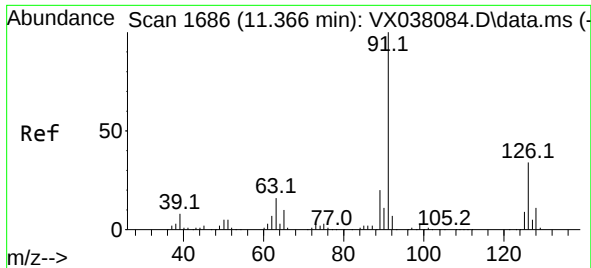
Delta R.T. -0.000 min

Lab File: VX038255.D

Acq: 12 Oct 2023 14:38

Tgt Ion:	91	Resp:	21819
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.5	34.4





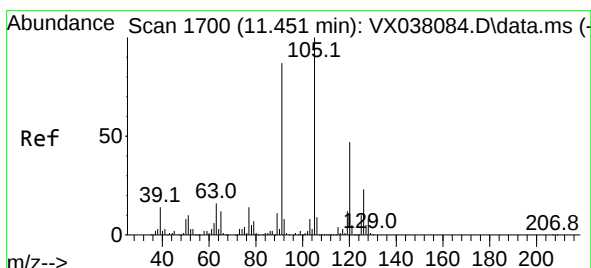
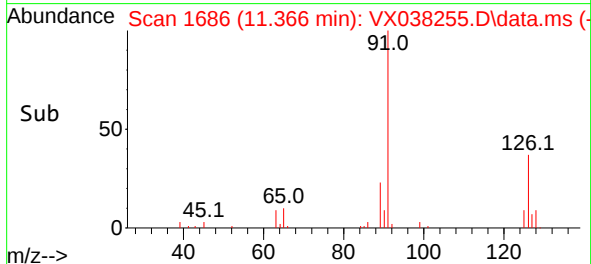
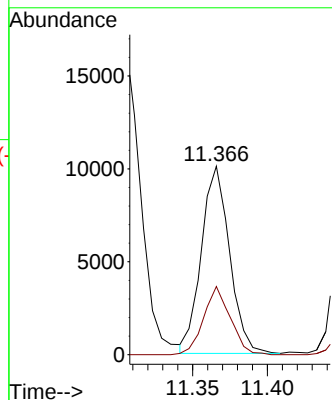
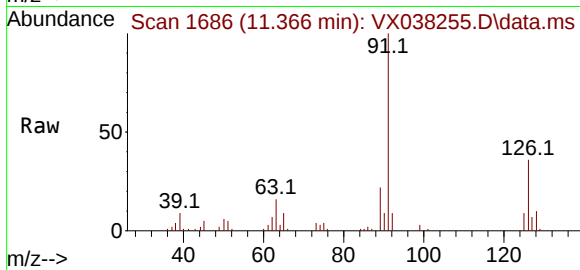
#79
2-Chlorotoluene
Concen: 2.721 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 91 Resp: 13238
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.8

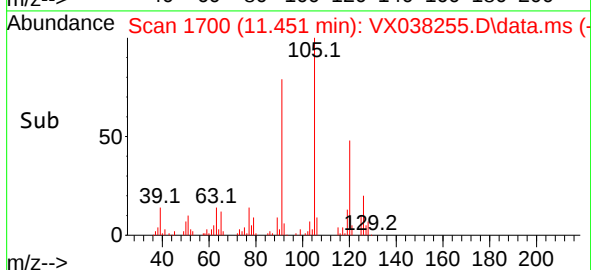
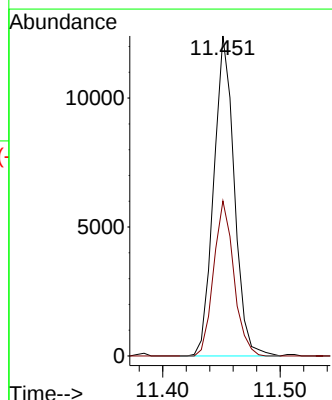
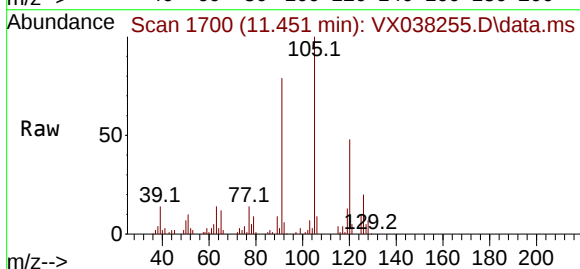
Manual Integrations
APPROVED

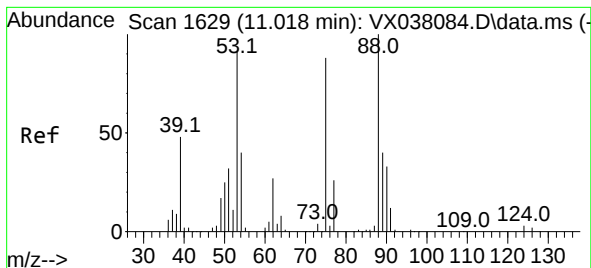
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 2.610 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

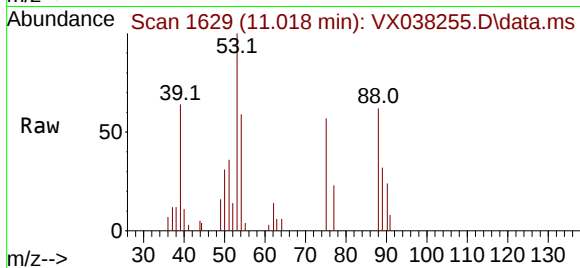
Tgt Ion:105 Resp: 15104
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 1.784 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

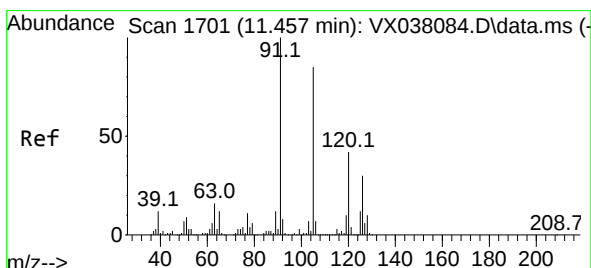
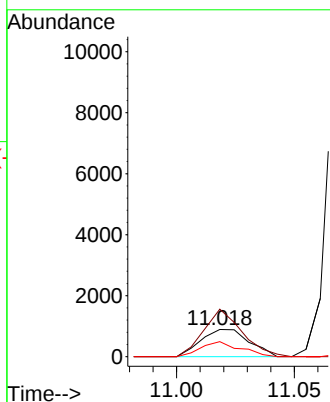
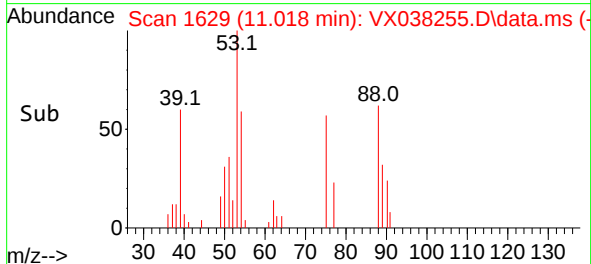
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 75 Resp: 127
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 2.0 36.9 55.3

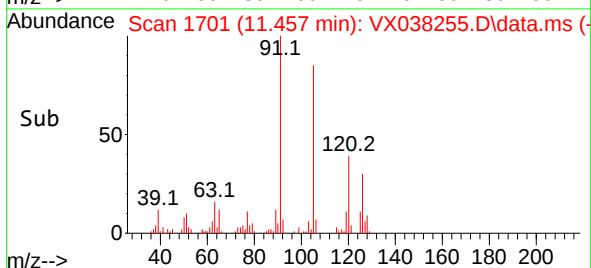
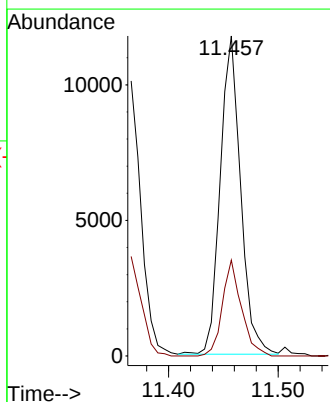
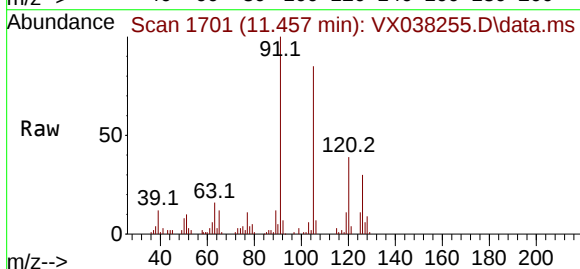
Manual Integrations
APPROVED

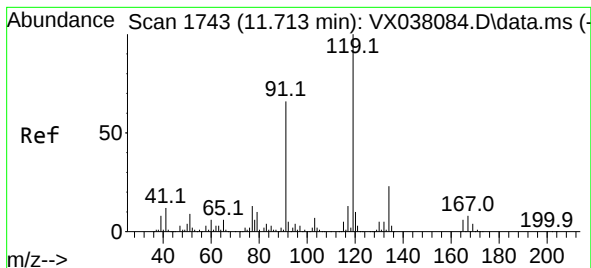
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#82
4-Chlorotoluene
Concen: 2.645 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

Tgt Ion: 91 Resp: 15227
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 2.685 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038255.D

Acq: 12 Oct 2023 14:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

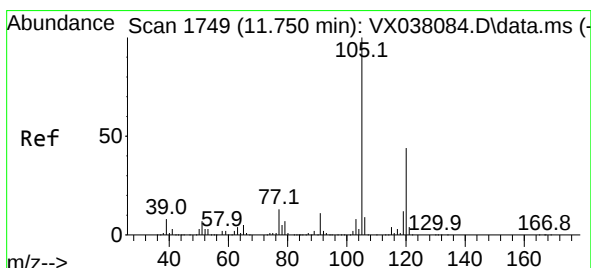
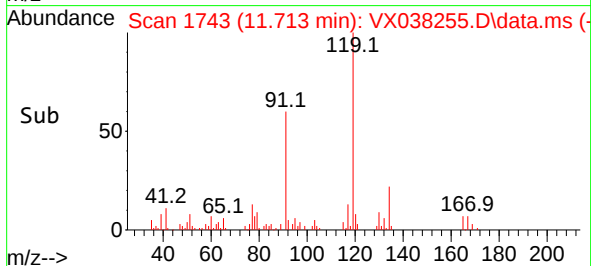
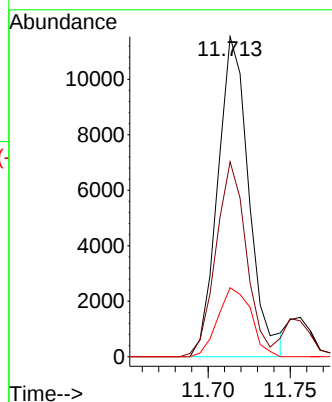
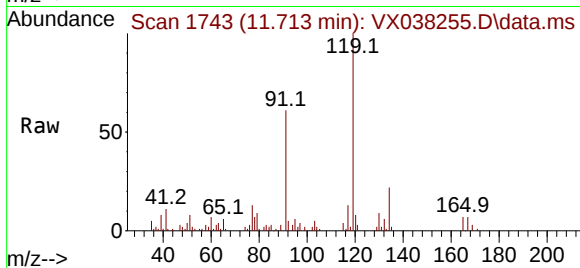
Tgt Ion:	119	Resp:	15184
Ion Ratio	Lower	Upper	
119	100		
91	59.5	31.2	93.6
134	22.9	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#84

1,2,4-Trimethylbenzene

Concen: 2.506 ug/l

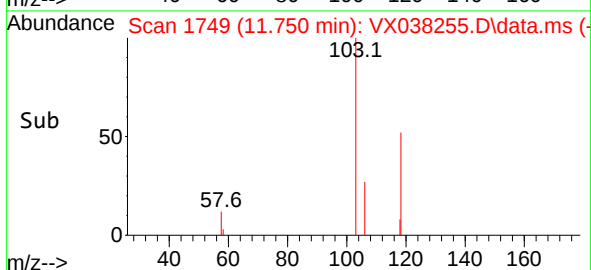
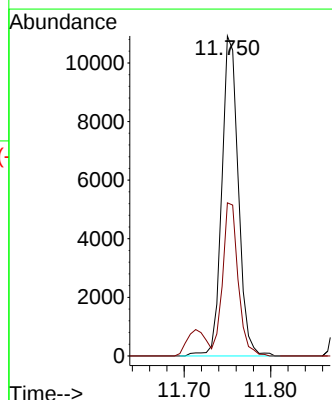
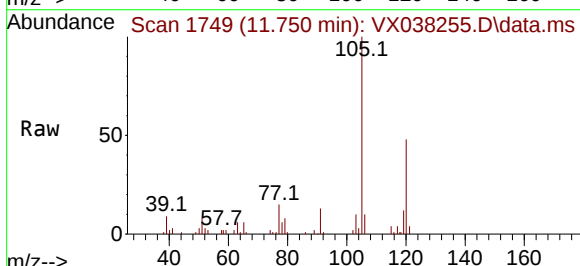
RT: 11.750 min Scan# 1749

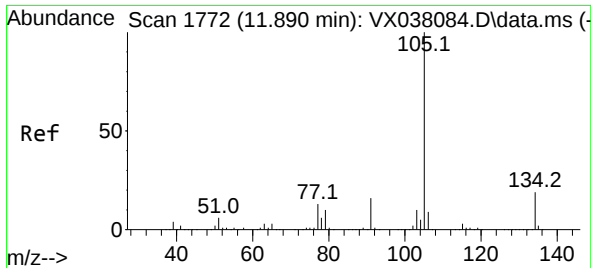
Delta R.T. -0.000 min

Lab File: VX038255.D

Acq: 12 Oct 2023 14:38

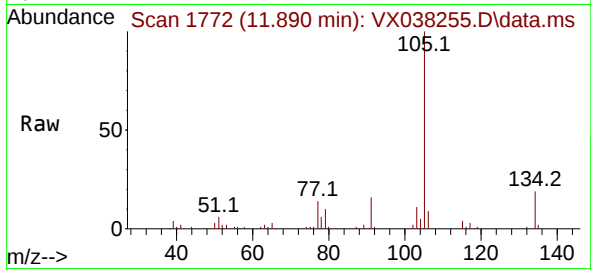
Tgt Ion:	105	Resp:	14460
Ion Ratio	Lower	Upper	
105	100		
120	44.9	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 2.579 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038255.D
 Acq: 12 Oct 2023 14:38

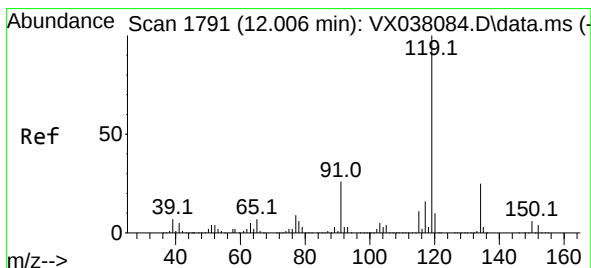
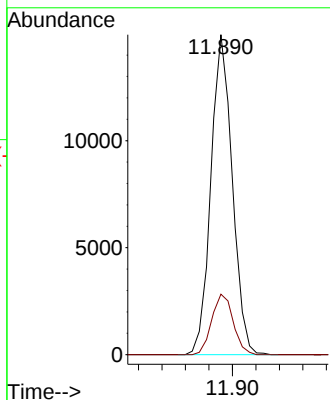
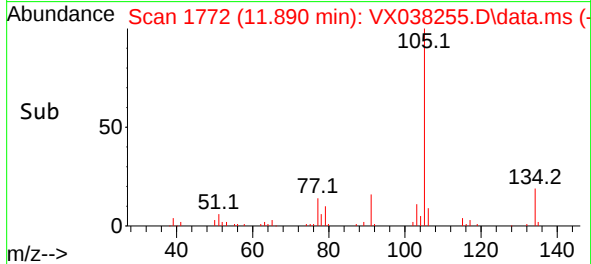
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023



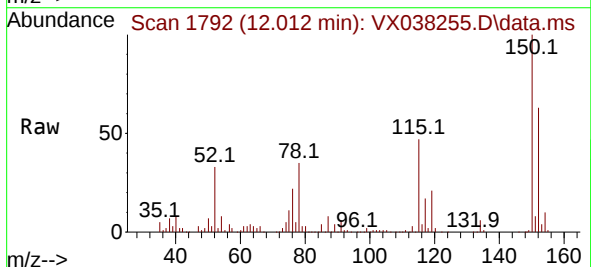
Tgt Ion:105 Resp: 1889
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

Manual Integrations
 APPROVED

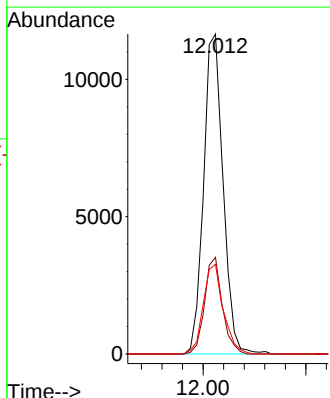
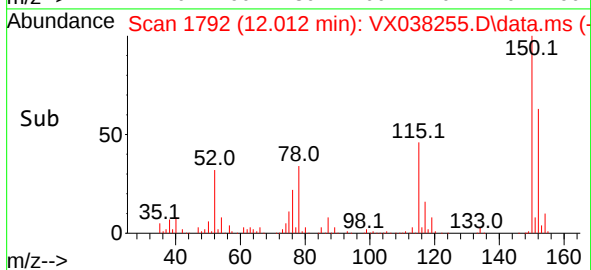
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023

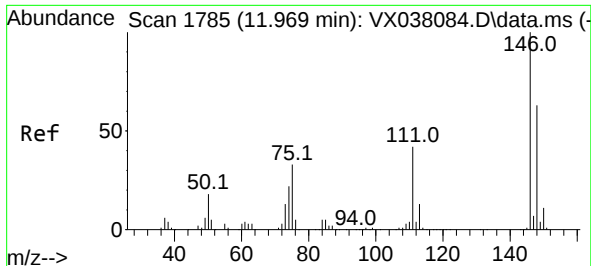


#86
 p-Isopropyltoluene
 Concen: 2.541 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038255.D
 Acq: 12 Oct 2023 14:38



Tgt Ion:119 Resp: 15358
 Ion Ratio Lower Upper
 119 100
 134 27.4 12.8 38.3
 91 28.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 2.812 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038255.D

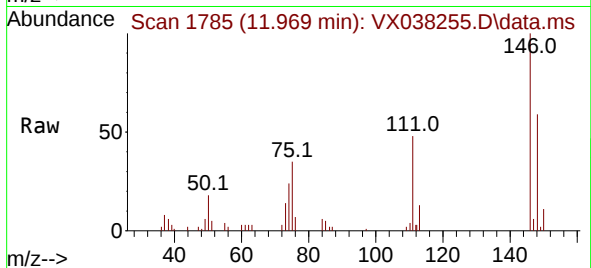
Acq: 12 Oct 2023 14:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023



Tgt Ion:146 Resp: 9250

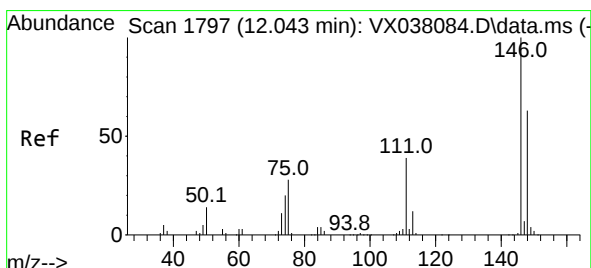
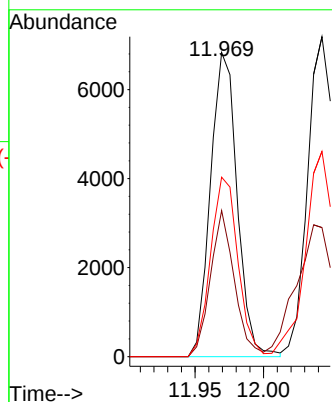
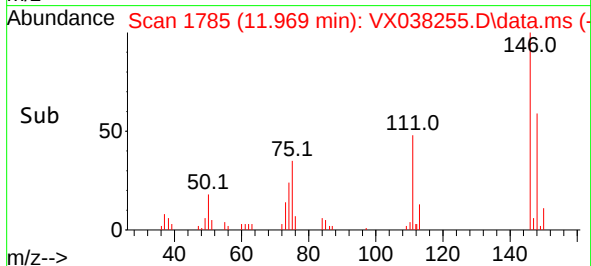
Ion	Ratio	Lower	Upper
146	100		
111	43.2	22.1	66.1
148	60.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#88

1,4-Dichlorobenzene

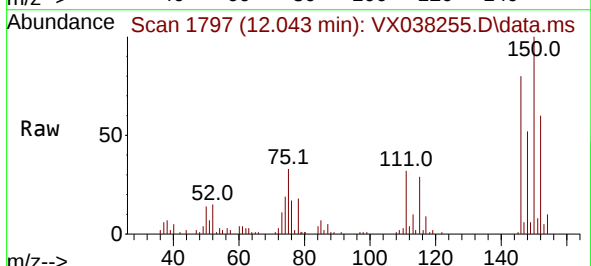
Concen: 2.906 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

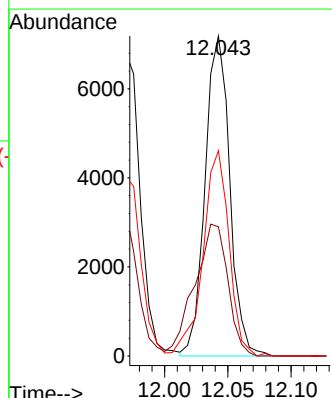
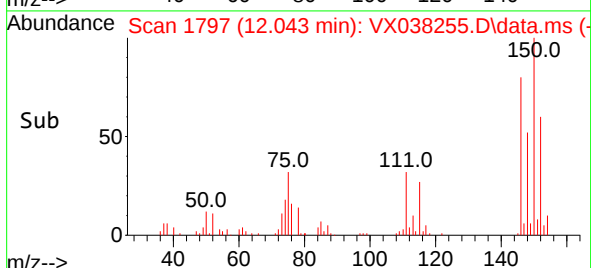
Lab File: VX038255.D

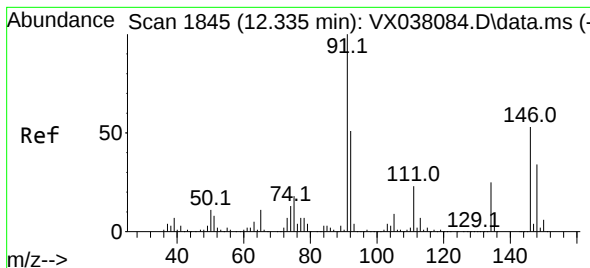
Acq: 12 Oct 2023 14:38



Tgt Ion:146 Resp: 9759

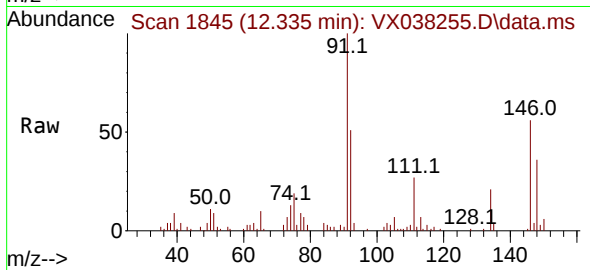
Ion	Ratio	Lower	Upper
146	100		
111	55.4	21.3	63.7
148	67.9	31.8	95.4





#89
n-Butylbenzene
Concen: 2.441 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

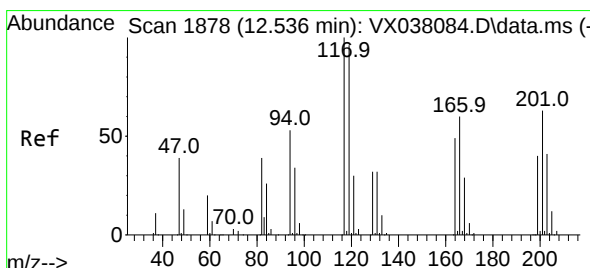
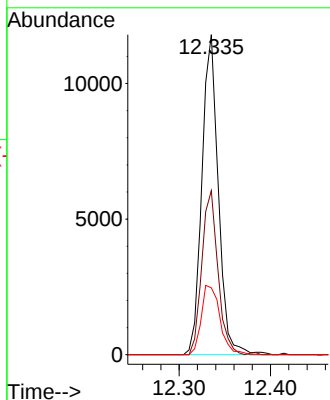
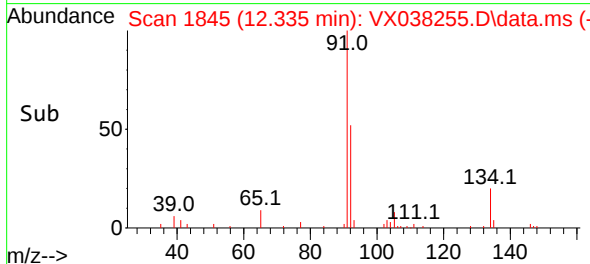
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 91 Resp: 14694
Ion Ratio Lower Upper
91 100
92 50.3 27.4 82.0
134 24.5 12.6 37.8

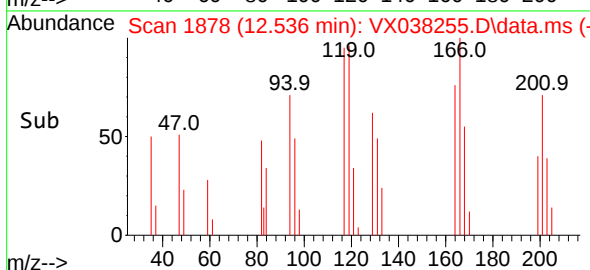
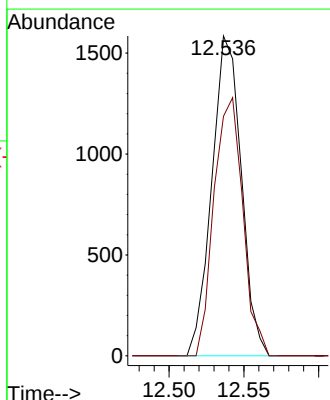
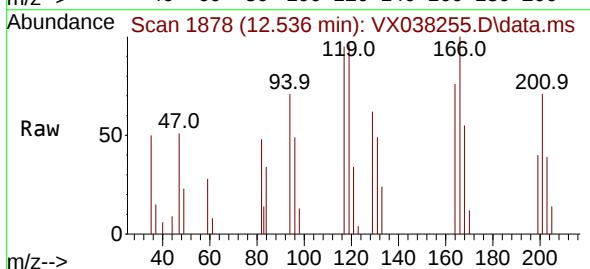
Manual Integrations
APPROVED

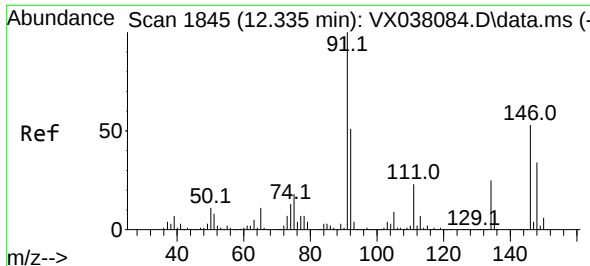
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#90
Hexachloroethane
Concen: 2.164 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

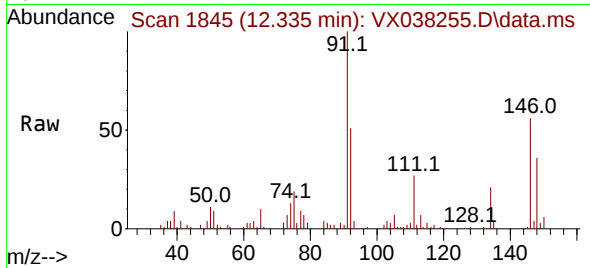
Tgt Ion:117 Resp: 2169
Ion Ratio Lower Upper
117 100
201 79.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 2.799 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

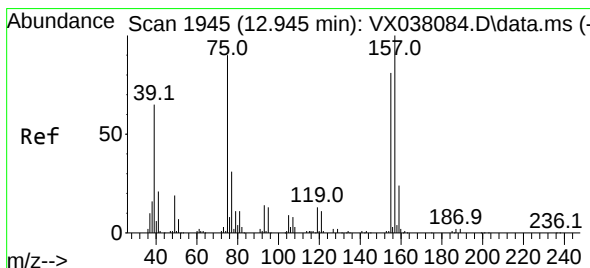
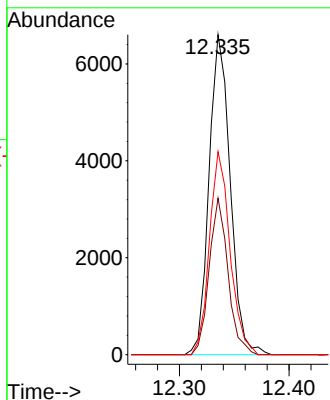
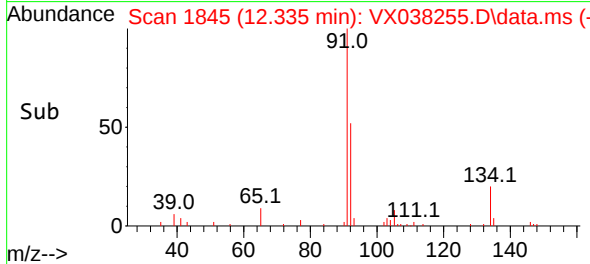
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



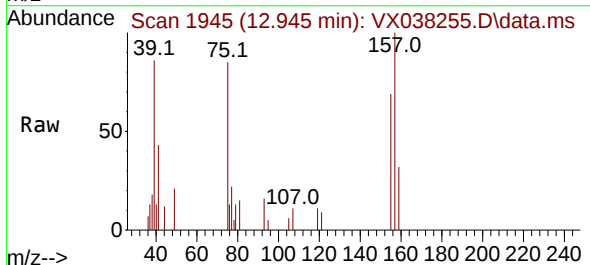
Tgt Ion:146 Resp: 8850
Ion Ratio Lower Upper
146 100
111 43.7 22.4 67.0
148 62.0 31.6 95.0

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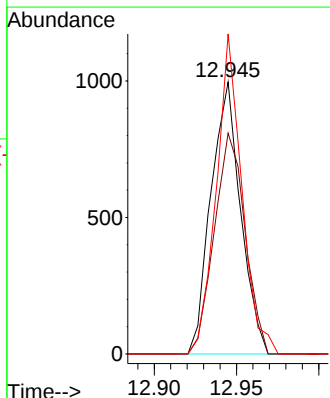
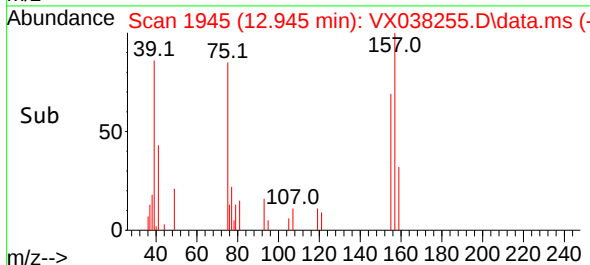
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

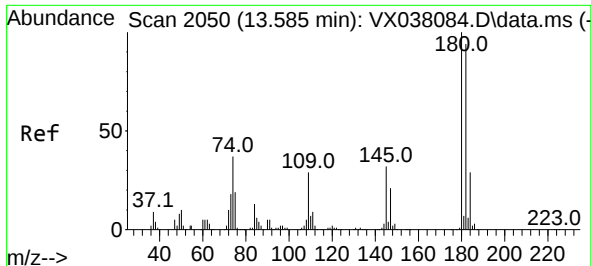


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.095 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38



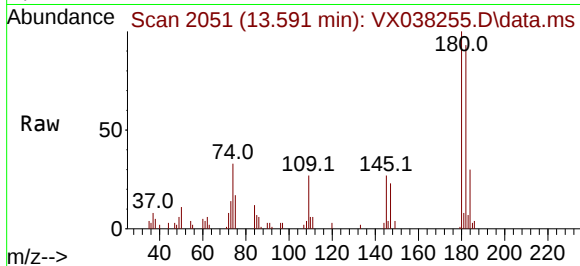
Tgt Ion: 75 Resp: 1247
Ion Ratio Lower Upper
75 100
155 84.2 36.1 108.5
157 101.8 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 2.764 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

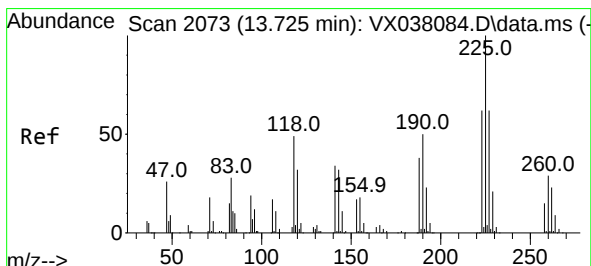
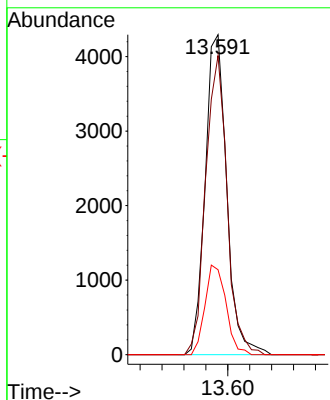
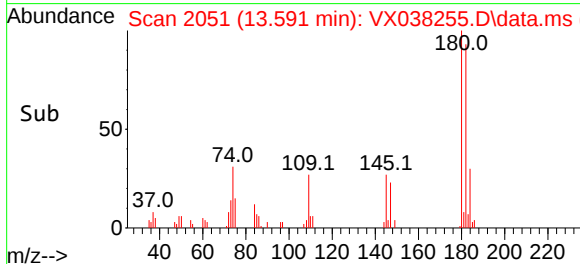
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion:180 Resp: 586
Ion Ratio Lower Upper
180 100
182 92.6 48.3 144.8
145 27.3 18.0 54.0

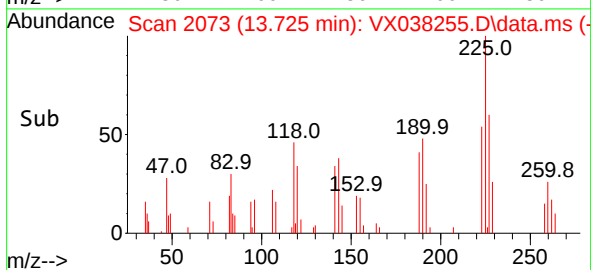
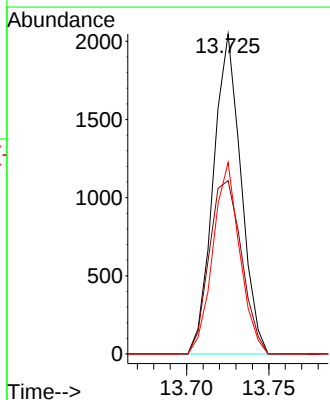
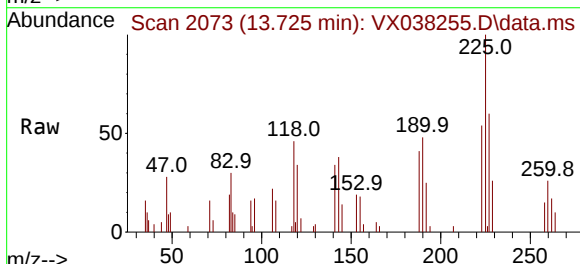
Manual Integrations
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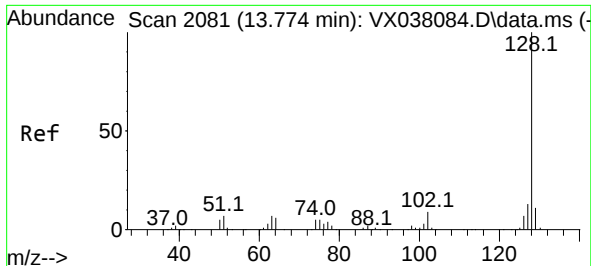
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#94
Hexachlorobutadiene
Concen: 2.806 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

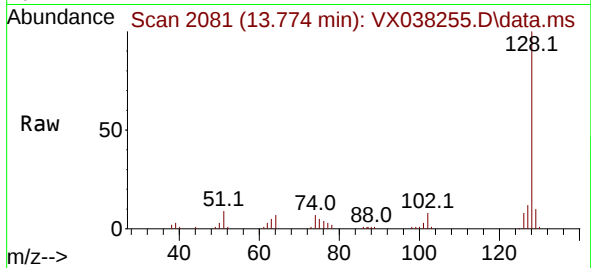
Tgt Ion:225 Resp: 2395
Ion Ratio Lower Upper
225 100
223 63.6 31.1 93.2
227 58.0 32.5 97.5





#95
Naphthalene
Concen: 2.306 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38

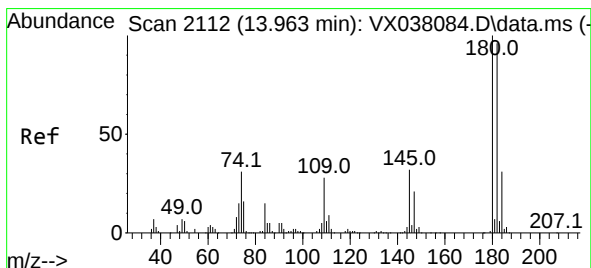
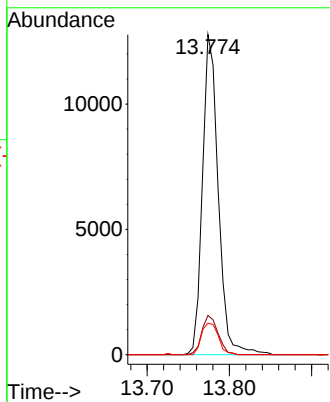
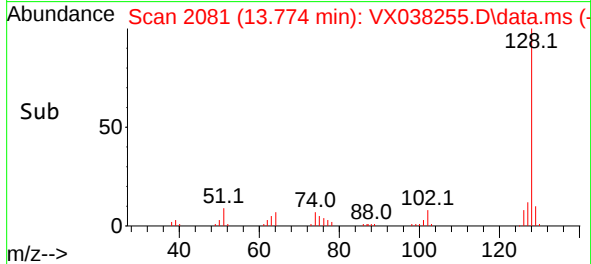
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



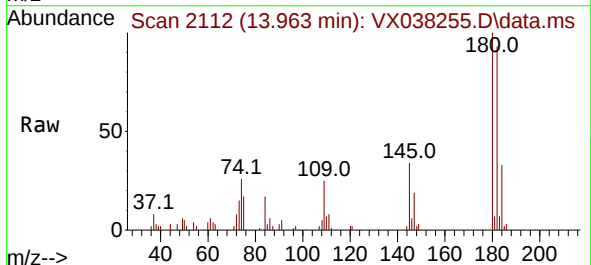
Tgt Ion:128 Resp: 1703
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.5 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 2.668 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038255.D
Acq: 12 Oct 2023 14:38



Tgt Ion:180 Resp: 5479
Ion Ratio Lower Upper
180 100
182 95.1 46.9 140.6
145 34.3 17.8 53.5

