

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030524\
 Data File : VX040589.D
 Acq On : 05 Mar 2024 15:27
 Operator : JC/MD
 Sample : P1187-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 06 00:13:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/06/2024
 Supervised By : Mahesh Dadoda 03/06/2024

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

Internal Standards						
1) Bromochloromethane	4.898	128	15305	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	86144	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	81870	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	44858	29.346	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.833%		
60) 4-Bromofluorobenzene	11.079	95	41913	29.846	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.500%		
63) Toluene-d8	8.647	98	108121	29.884	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	2924	2.817	ug/l	96
3) Chloromethane	1.295	50	2916	2.742	ug/l	99
4) Vinyl Chloride	1.374	62	3140	2.732	ug/l	95
5) Bromomethane	1.605	94	2263	3.224	ug/l	89
6) Chloroethane	1.685	64	1901	2.815	ug/l #	77
7) Trichlorofluoromethane	1.886	101	4818	2.753	ug/l	89
8) Diethyl Ether	2.130	74	1630	2.743	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	2681	2.797	ug/l	97
10) 1,1-Dichloroethene	2.319	96	2547	2.791	ug/l	90
11) Methyl Iodide	2.447	142	2623	2.376	ug/l	85
12) Methyl Acetate	2.703	43	3243	2.157	ug/l	96
13) Acrolein	2.233	56	3863	13.630	ug/l	94
14) Acrylonitrile	3.063	53	7645	12.914	ug/l	96
15) Acetone	2.380	58	2119	12.522	ug/l	84
16) Carbon Disulfide	2.514	76	7022	2.799	ug/l	99
17) Allyl chloride	2.660	41	4285	2.544	ug/l	89
18) Methylene Chloride	2.788	84	3199	3.070	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	2742	2.752	ug/l	88
20) Diisopropyl ether	3.758	45	8291	2.461	ug/l #	82
21) 1,1-Dichloroethane	3.611	63	5173	2.669	ug/l #	93
22) cis-1,2-Dichloroethene	4.489	96	3009	2.600	ug/l #	64
23) tert-Butyl Alcohol	2.959	59	3288	11.755	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	8030	2.384	ug/l #	90
25) Chloroform	5.087	83	5298	2.497	ug/l	97
26) Cyclohexane	5.465	56	4119m	2.633	ug/l	
29) 1,1-Dichloropropene	5.696	75	4035m	2.706	ug/l	
30) 2-Butanone	4.562	43	11306	12.426	ug/l #	93
31) 2,2-Dichloropropane	4.477	77	4009	2.491	ug/l #	74
32) 1,1,1-Trichloroethane	5.385	97	4921	2.619	ug/l #	50
33) Carbon Tetrachloride	5.672	117	3573m	2.260	ug/l	
34) Benzene	6.044	78	10383	2.579	ug/l #	93
35) Methacrylonitrile	4.928	41	2095	2.243	ug/l	85
36) 1,2-Dichloroethane	6.086	62	4986	2.679	ug/l #	86
37) Trichloroethene	7.129	130	2766	2.557	ug/l	87
38) Methylcyclohexane	7.379	83	4222	2.630	ug/l	94
39) 1,2-Dichloropropane	7.428	63	2841	2.772	ug/l	90
40) Dibromomethane	7.580	93	2012	2.499	ug/l	91
41) Bromodichloromethane	7.824	83	3862	2.411	ug/l #	86
42) Vinyl Acetate	3.721	43	38161	12.181	ug/l	99

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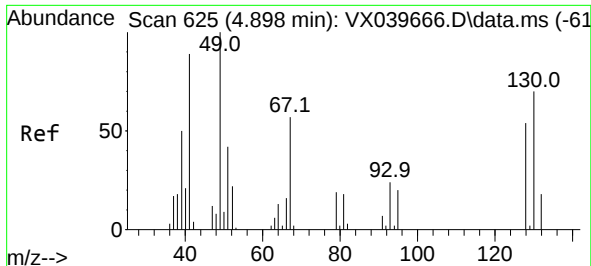
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	4143	2.418	ug/l #	76
44) Isopropyl Acetate	6.342	43	6445	2.356	ug/l #	68
45) 1,4-Dioxane	7.678	88	1485m	52.814	ug/l	
46) Methyl methacrylate	7.696	41	3138	2.310	ug/l	91
47) n-amyl Acetate	10.842	43	4859	2.061	ug/l	95
48) t-1,3-Dichloropropene	8.982	75	3982	2.352	ug/l	94
49) cis-1,3-Dichloropropene	8.366	75	3967	2.300	ug/l #	71
50) 1,1,2-Trichloroethane	9.153	97	2932	2.742	ug/l	97
51) Ethyl methacrylate	9.116	69	3687	2.190	ug/l	91
52) 1,3-Dichloropropane	9.311	76	4755	2.606	ug/l	99
53) Dibromochloromethane	9.519	129	2855	2.342	ug/l	97
54) 1,2-Dibromoethane	9.610	107	2845	2.404	ug/l	96
55) 2-Chloroethyl vinyl ether	8.245	63	10404	12.134	ug/l	99
56) Bromoform	10.799	173	1901	2.198	ug/l #	97
58) 4-Methyl-2-Pentanone	8.574	43	21114	11.582	ug/l	100
59) 2-Hexanone	9.433	43	15781	10.717	ug/l	97
61) Tetrachloroethene	9.275	164	2739	2.819	ug/l	94
62) Toluene	8.720	91	11819	2.621	ug/l	96
64) Chlorobenzene	10.080	112	7603	2.759	ug/l #	88
65) 1,1,1,2-Tetrachloroethane	10.165	131	2613	2.486	ug/l	96
66) Ethyl Benzene	10.195	91	13281	2.555	ug/l	100
67) m/p-Xylenes	10.299	106	9328	4.859	ug/l	93
68) o-Xylene	10.640	106	4566	2.471	ug/l	99
69) Styrene	10.659	104	7280	2.344	ug/l	97
70) Isopropylbenzene	10.964	105	12455	2.494	ug/l	96
71) 1,1,2,2-Tetrachloroethane	11.213	83	4629	2.644	ug/l	95
72) 1,2,3-Trichloropropane	11.238	75	4245m	2.695	ug/l	
73) Bromobenzene	11.201	156	3227	2.730	ug/l	87
74) n-propylbenzene	11.305	91	14056	2.279	ug/l	97
75) 2-Chlorotoluene	11.366	91	8216	2.245	ug/l	96
76) 1,3,5-Trimethylbenzene	11.451	105	9554	2.173	ug/l	96
77) t-1,4-Dichloro-2-butene	11.018	75	922	1.883	ug/l	66
78) 4-Chlorotoluene	11.457	91	10242	2.346	ug/l	97
79) tert-butylbenzene	11.713	119	9695	2.363	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	9378	2.165	ug/l	97
81) sec-Butylbenzene	11.890	105	11914	2.199	ug/l	95
82) p-Isopropyltoluene	12.006	119	9426	2.126	ug/l	96
83) 1,3-Dichlorobenzene	11.969	146	5046	2.194	ug/l	97
84) 1,4-Dichlorobenzene	12.043	146	5274	2.242	ug/l	98
85) n-Butylbenzene	12.335	91	9531	2.209	ug/l	95
86) Hexachloroethane	12.536	117	1459	1.885	ug/l	77
87) 1,2-Dichlorobenzene	12.335	146	5394	2.413	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.939	75	1036	2.213	ug/l	95
89) 1,2,4-Trichlorobenzene	13.591	180	3826	2.542	ug/l	96
90) Hexachlorobutadiene	13.725	225	1530	2.514	ug/l	95
91) Naphthalene	13.780	128	10976	2.236	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	3853	2.596	ug/l	97

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



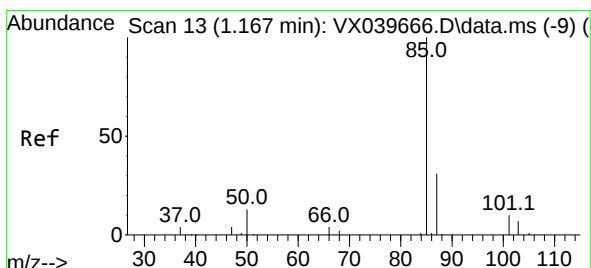
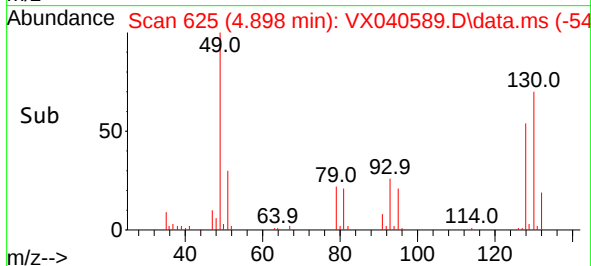
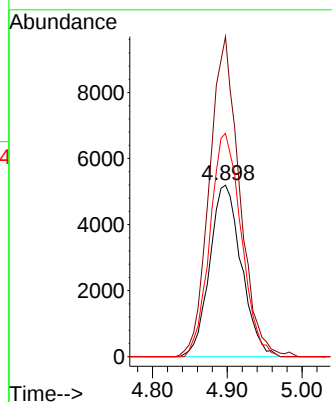
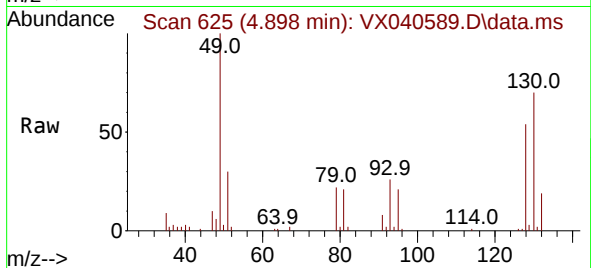
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

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

Tgt Ion:128 Resp: 1530
Ion Ratio Lower Upper
128 100
49 177.2 0.0 444.0
130 128.7 0.0 297.8

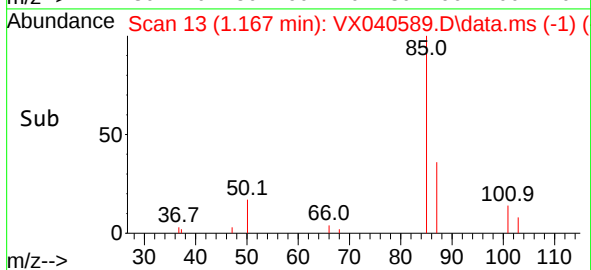
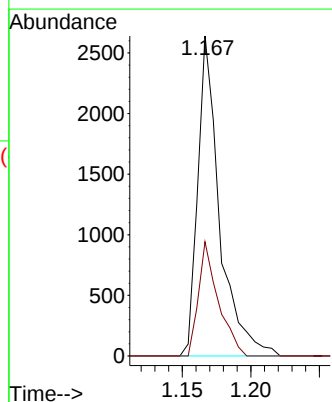
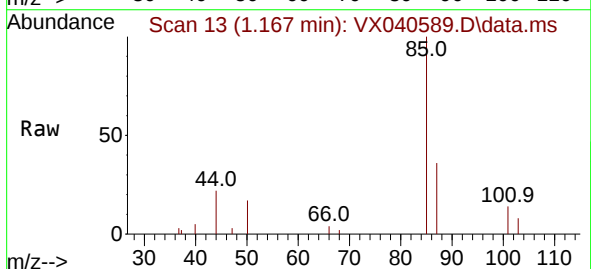
Manual Integrations
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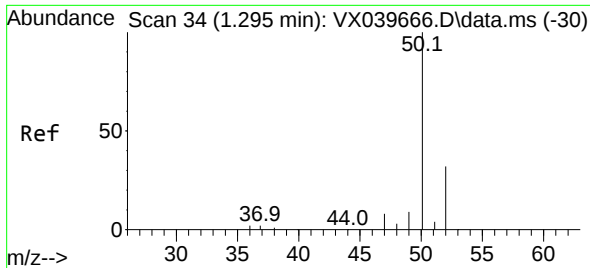
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#2
Dichlorodifluoromethane
Concen: 2.817 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

Tgt Ion: 85 Resp: 2924
Ion Ratio Lower Upper
85 100
87 35.7 16.7 50.1





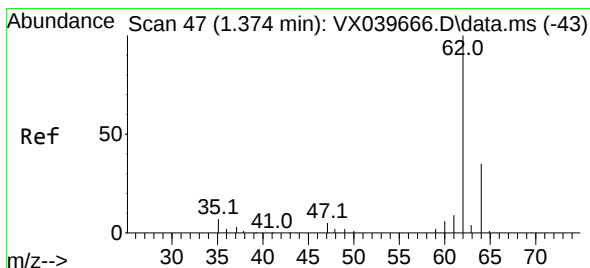
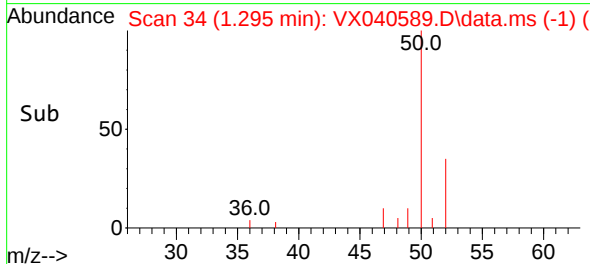
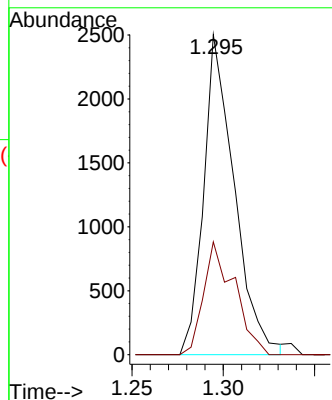
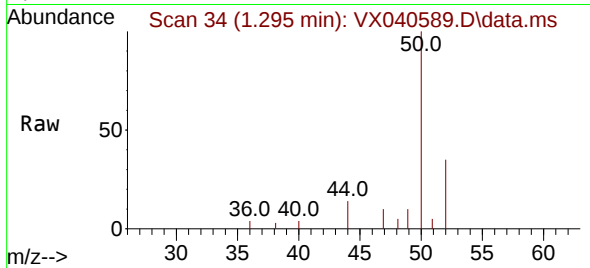
#3
Chloromethane
Concen: 2.742 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

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

Tgt Ion: 50 Resp: 2910
Ion Ratio Lower Upper
50 100
52 35.3 27.8 41.8

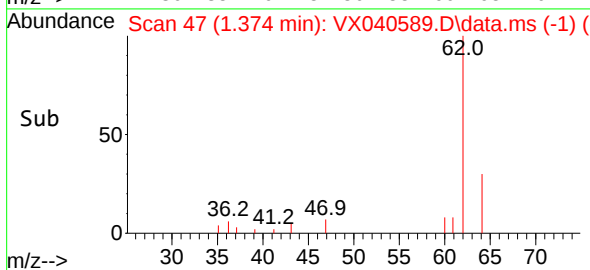
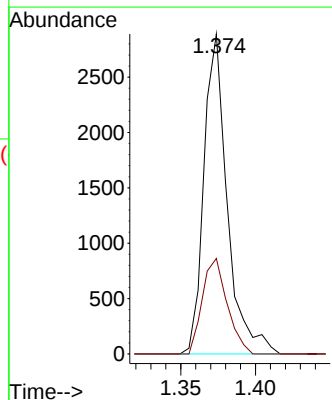
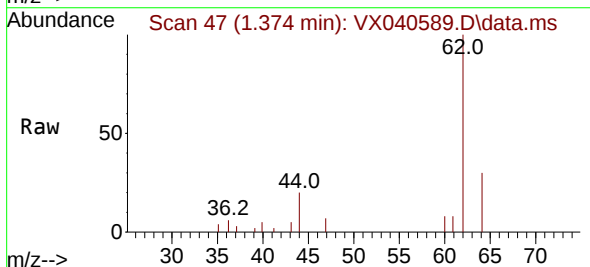
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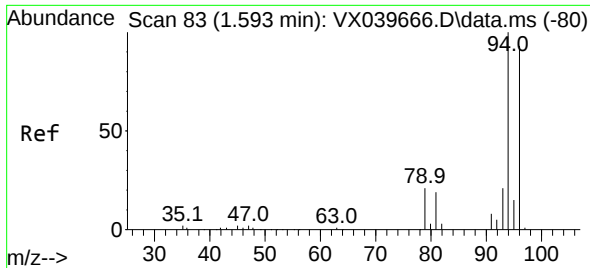
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#4
Vinyl Chloride
Concen: 2.732 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

Tgt Ion: 62 Resp: 3140
Ion Ratio Lower Upper
62 100
64 29.9 26.3 39.5





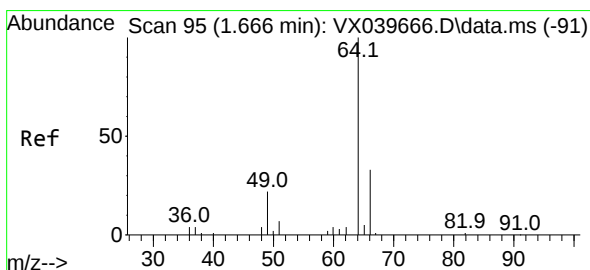
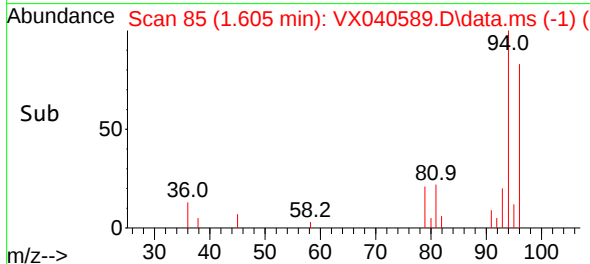
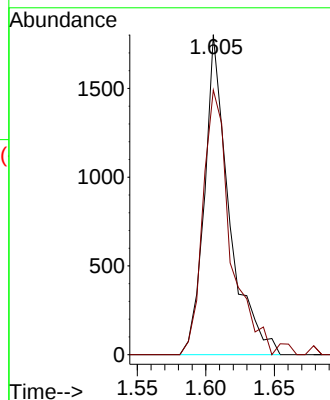
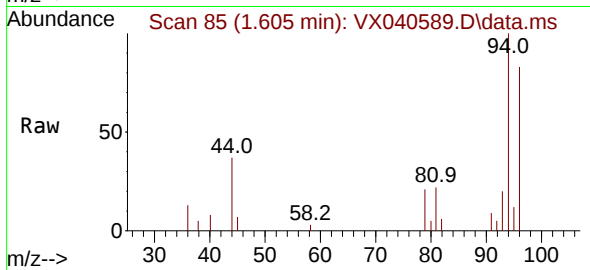
#5
Bromomethane
Concen: 3.224 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

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

Tgt Ion: 94 Resp: 226
Ion Ratio Lower Upper
94 100
96 82.7 74.9 112.3

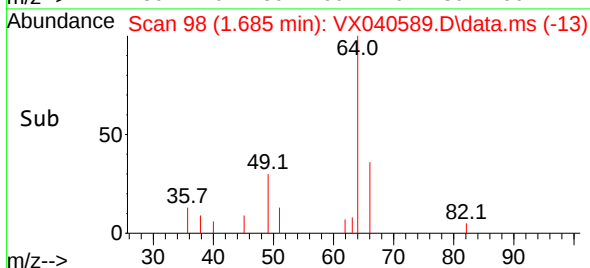
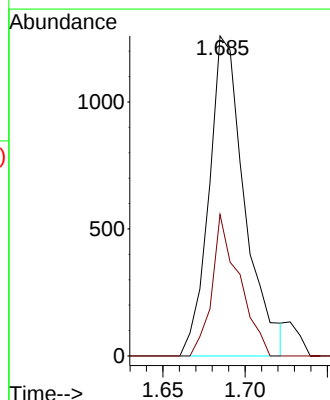
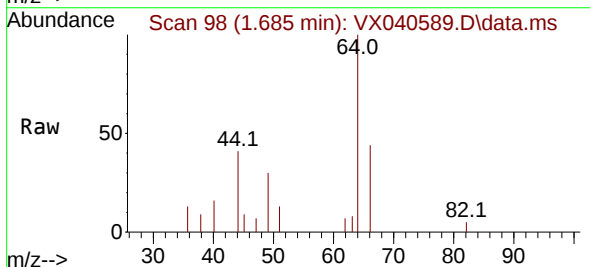
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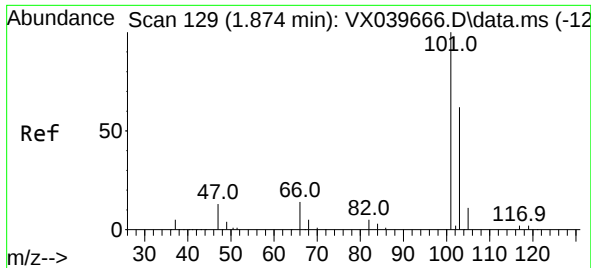
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#6
Chloroethane
Concen: 2.815 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.019 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

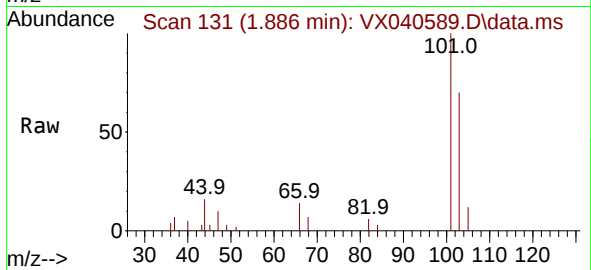
Tgt Ion: 64 Resp: 1901
Ion Ratio Lower Upper
64 100
66 44.2 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 2.753 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VX040589.D
 Acq: 05 Mar 2024 15:27

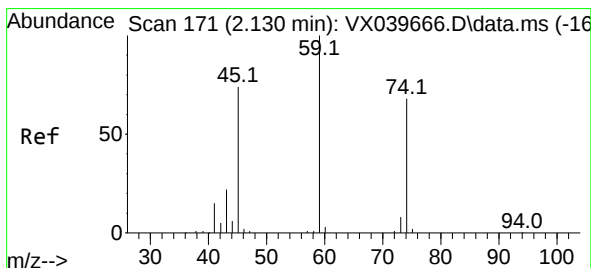
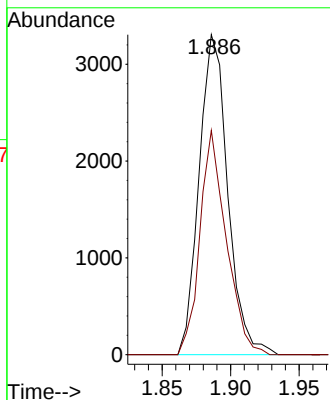
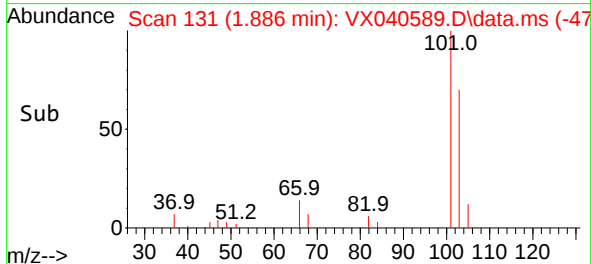
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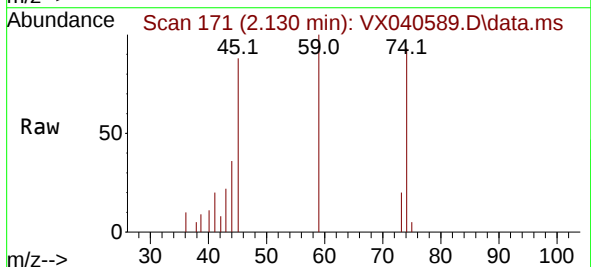
Tgt Ion:101 Resp: 4818
 Ion Ratio Lower Upper
 101 100
 103 70.1 49.1 73.7

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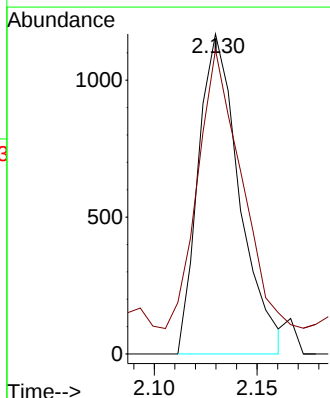
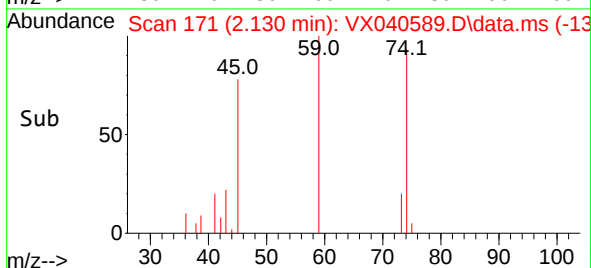
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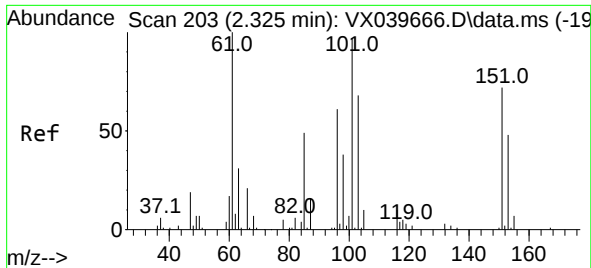


#8
 Diethyl Ether
 Concen: 2.743 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX040589.D
 Acq: 05 Mar 2024 15:27



Tgt Ion: 74 Resp: 1630
 Ion Ratio Lower Upper
 74 100
 45 104.8 20.5 184.5





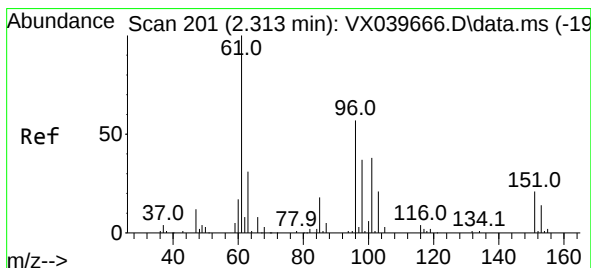
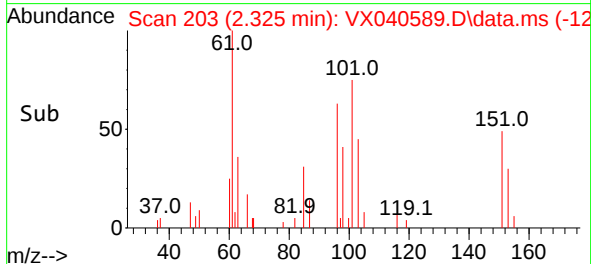
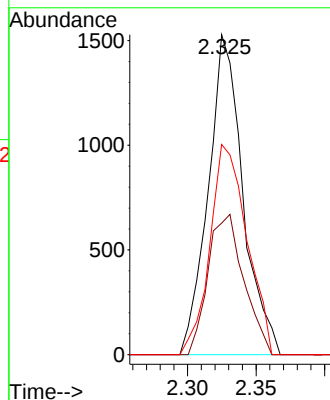
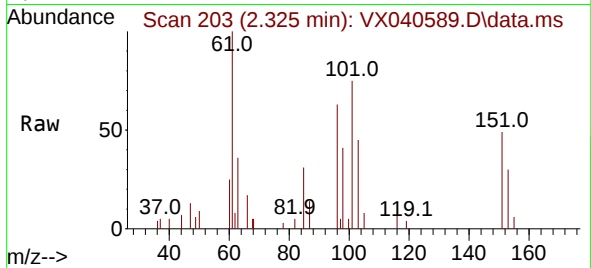
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.797 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

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

Tgt Ion:101 Resp: 268
Ion Ratio Lower Upper
101 100
85 45.5 0.0 95.2
151 70.4 0.0 136.8

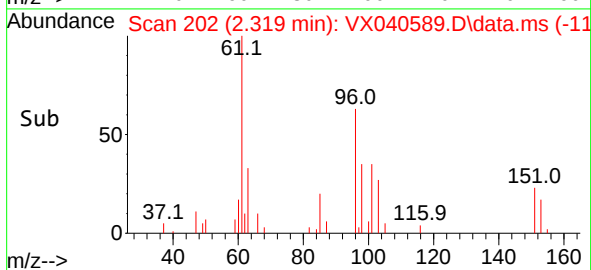
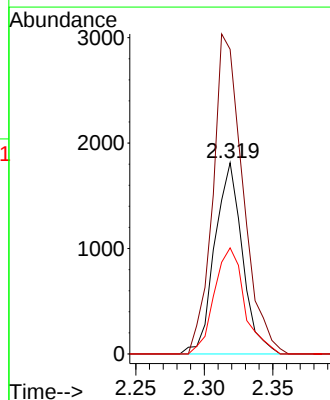
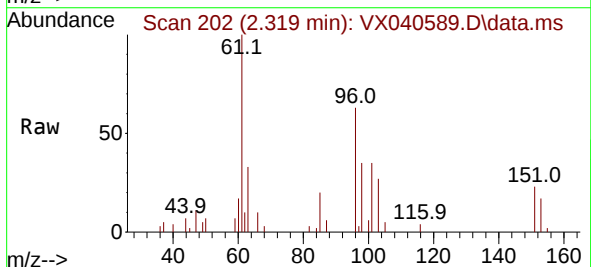
Manual Integrations
APPROVED

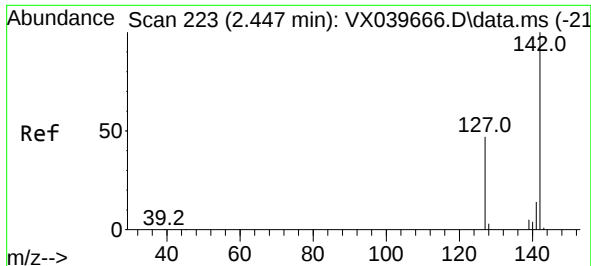
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#10
1,1-Dichloroethene
Concen: 2.791 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

Tgt Ion: 96 Resp: 2547
Ion Ratio Lower Upper
96 100
61 159.3 138.3 207.5
98 55.5 49.8 74.6





#11

Methyl Iodide

Concen: 2.376 ug/l

RT: 2.447 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040589.D

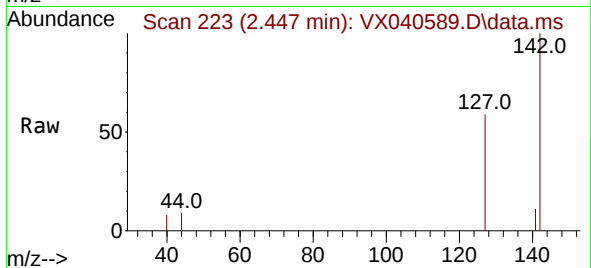
Acq: 05 Mar 2024 15:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



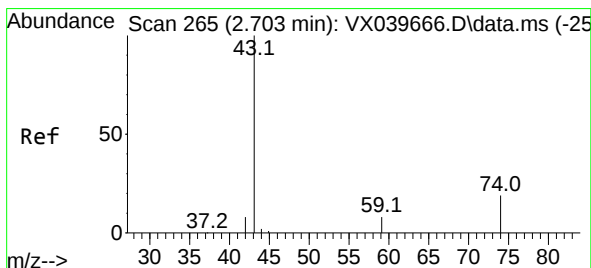
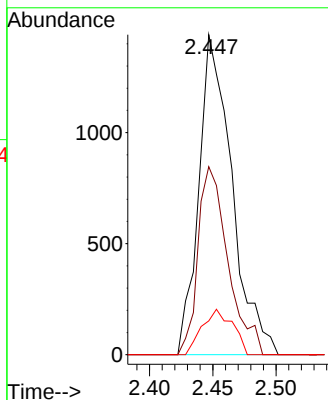
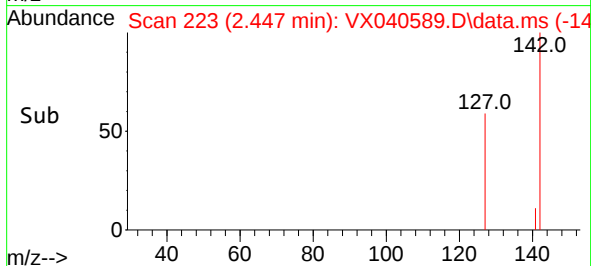
Tgt Ion:142	Resp:	262
Ion	Ratio	Lower Upper
142	100	
127	58.8	23.8 71.4
141	10.5	6.9 20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#12

Methyl Acetate

Concen: 2.157 ug/l

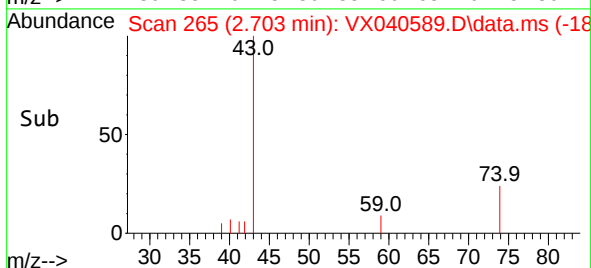
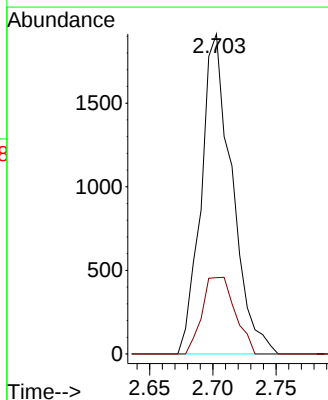
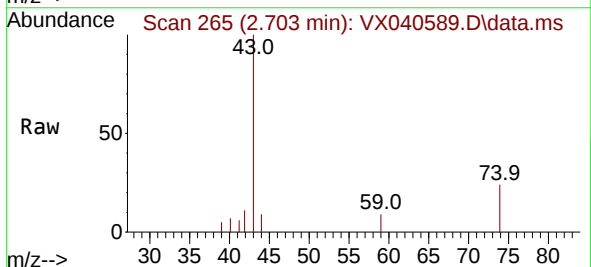
RT: 2.703 min Scan# 265

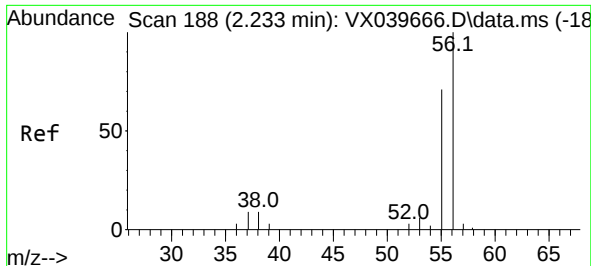
Delta R.T. -0.000 min

Lab File: VX040589.D

Acq: 05 Mar 2024 15:27

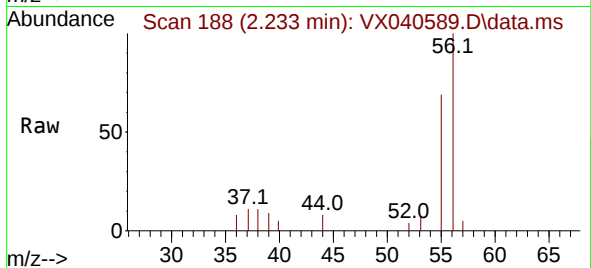
Tgt Ion: 43	Resp:	3243
Ion	Ratio	Lower Upper
43	100	
74	23.9	17.8 26.6





#13
Acrolein
Concen: 13.630 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

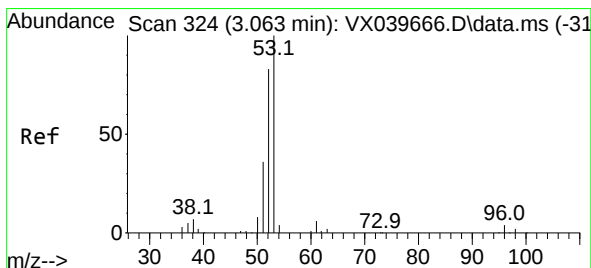
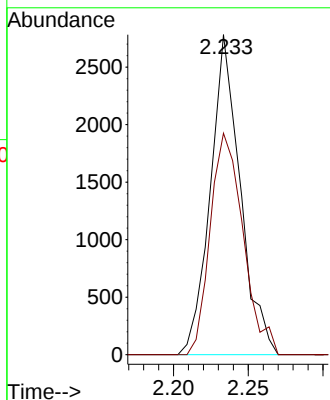
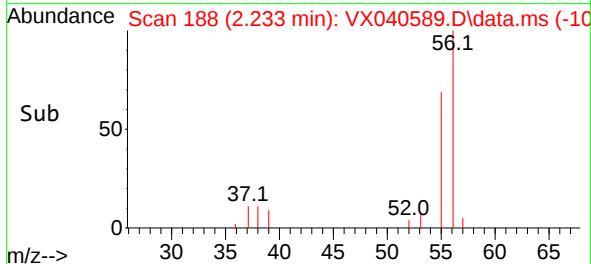
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



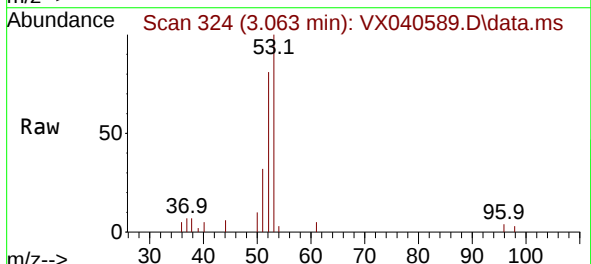
Tgt Ion: 56 Resp: 386
Ion Ratio Lower Upper
56 100
55 76.1 57.2 85.8

Manual Integrations
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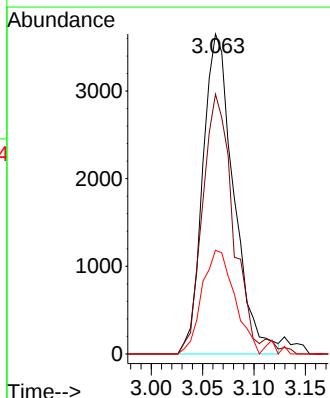
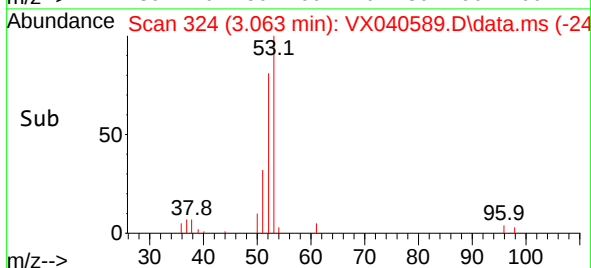
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

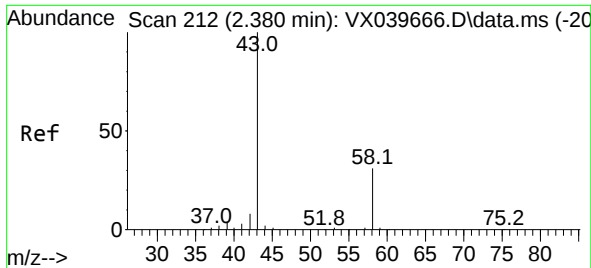


#14
Acrylonitrile
Concen: 12.914 ug/l
RT: 3.063 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27



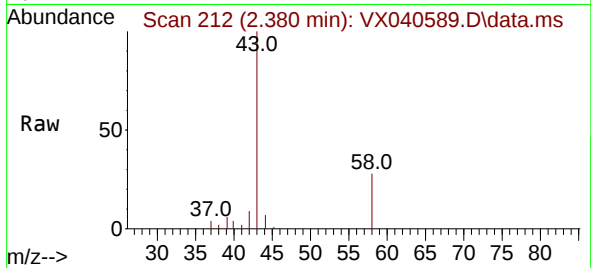
Tgt Ion: 53 Resp: 7645
Ion Ratio Lower Upper
53 100
52 79.7 41.9 125.6
51 34.1 18.3 54.9





#15
Acetone
Concen: 12.522 ug/l
RT: 2.380 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

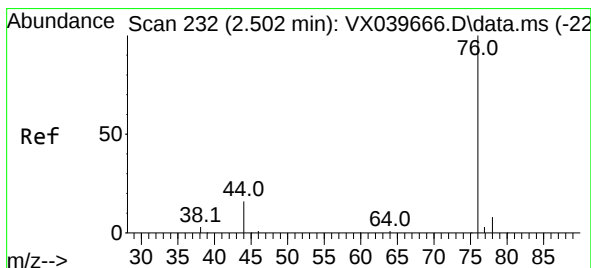
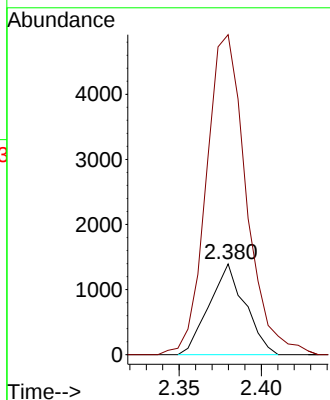
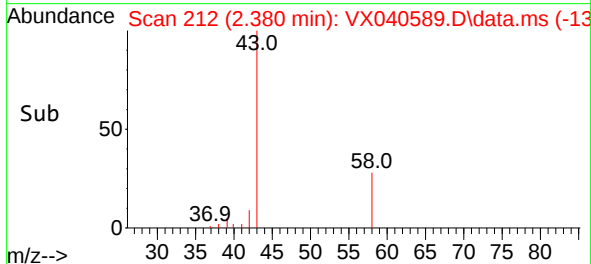
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



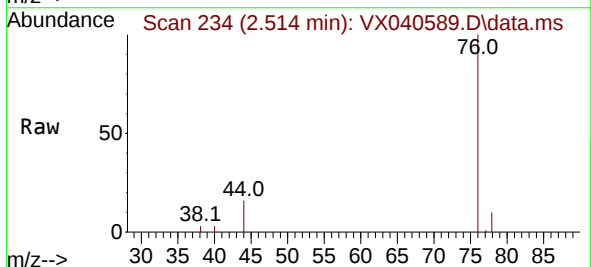
Tgt Ion: 58 Resp: 2119
Ion Ratio Lower Upper
58 100
43 345.6 249.9 374.9

Manual Integrations
APPROVED

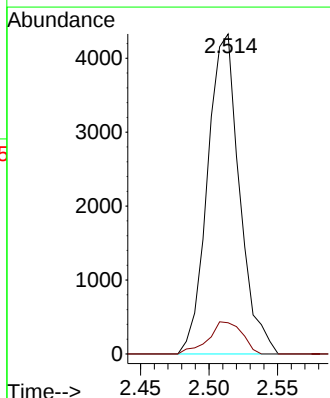
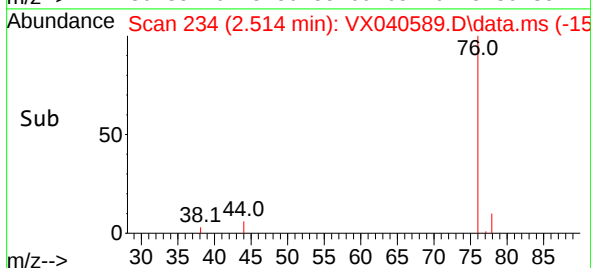
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

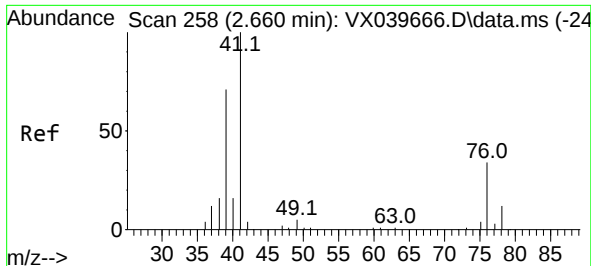


#16
Carbon Disulfide
Concen: 2.799 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.012 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27



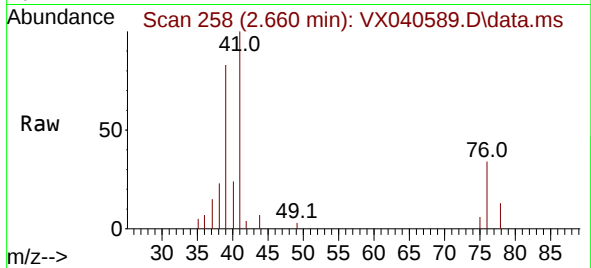
Tgt Ion: 76 Resp: 7022
Ion Ratio Lower Upper
76 100
78 9.7 8.0 12.0





#17
 Allyl chloride
 Concen: 2.544 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX040589.D
 Acq: 05 Mar 2024 15:27

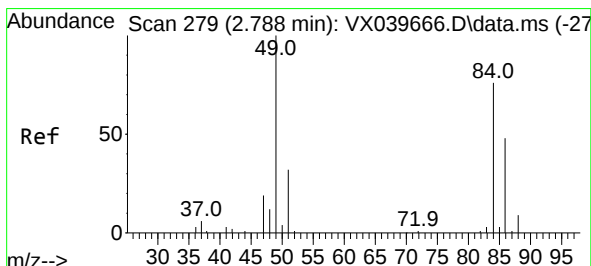
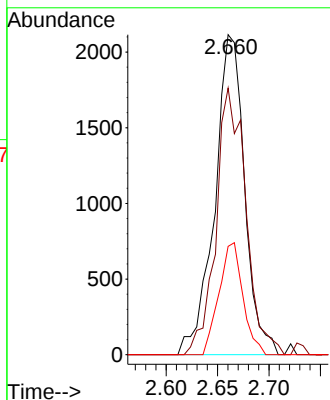
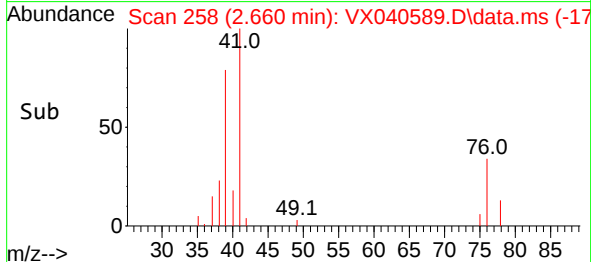
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 41 Resp: 428
 Ion Ratio Lower Upper
 41 100
 39 83.3 36.5 109.5
 76 33.9 19.7 59.0

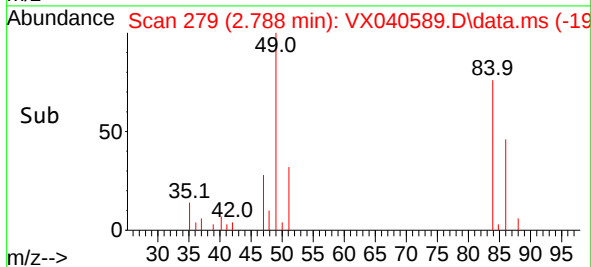
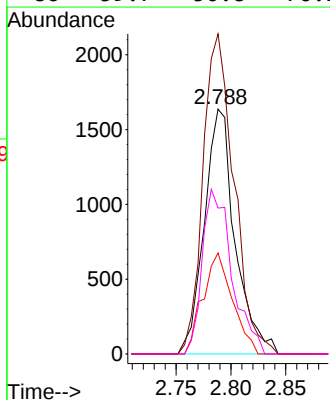
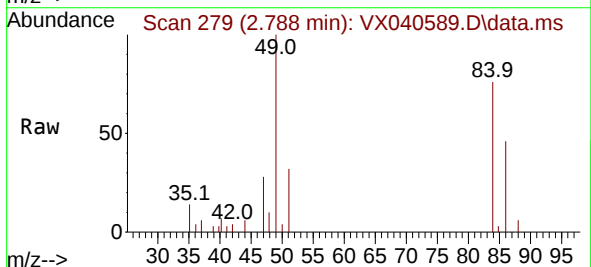
Manual Integrations
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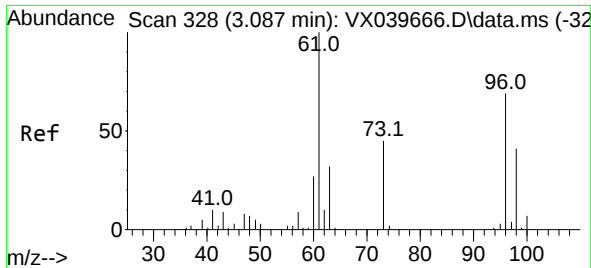
Reviewed By :John Carlone 03/06/2024
 Supervised By :Mahesh Dadoda 03/06/2024



#18
 Methylene Chloride
 Concen: 3.070 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX040589.D
 Acq: 05 Mar 2024 15:27

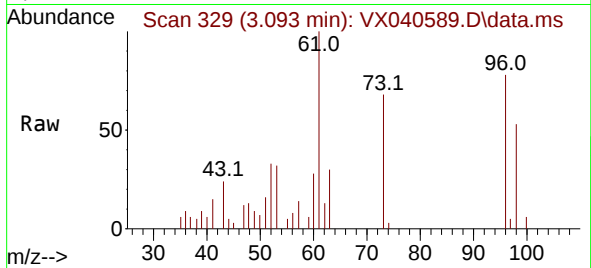
Tgt Ion: 84 Resp: 3199
 Ion Ratio Lower Upper
 84 100
 49 130.7 103.8 155.8
 51 41.3 31.8 47.6
 86 59.7 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 2.752 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

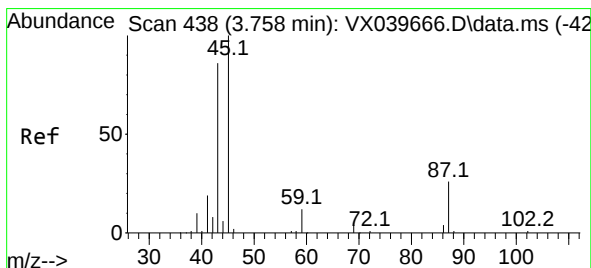
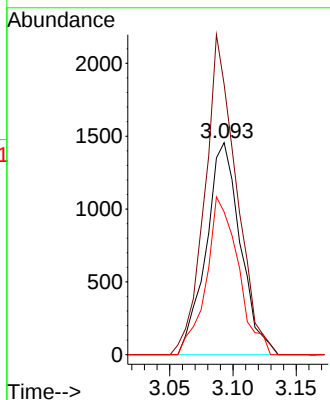
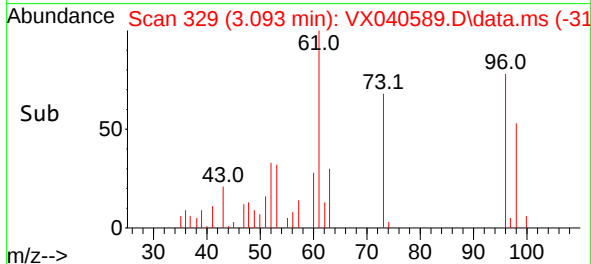
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 96 Resp: 274
Ion Ratio Lower Upper
96 100
61 127.5 117.9 176.9
98 67.3 51.0 76.6

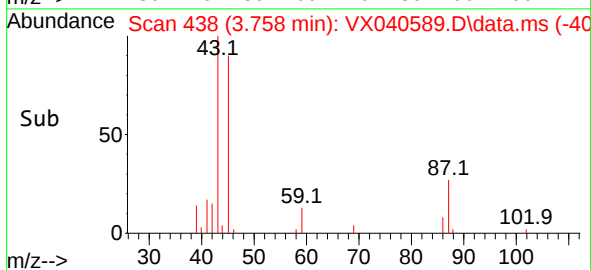
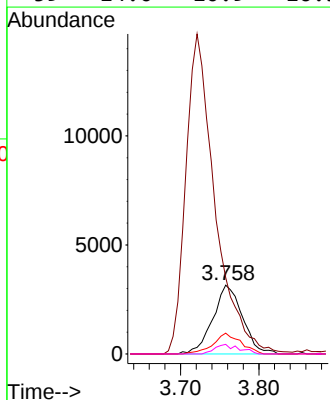
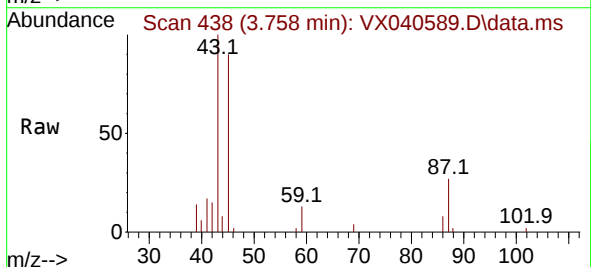
Manual Integrations
APPROVED

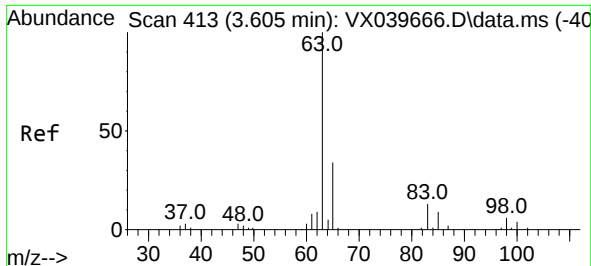
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#20
Diisopropyl ether
Concen: 2.461 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

Tgt Ion: 45 Resp: 8291
Ion Ratio Lower Upper
45 100
43 106.9 67.7 101.5#
87 30.3 21.5 32.3
59 14.0 10.9 16.3





#21

1,1-Dichloroethane

Concen: 2.669 ug/l

RT: 3.611 min Scan# 413

Delta R.T. 0.006 min

Lab File: VX040589.D

Acq: 05 Mar 2024 15:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

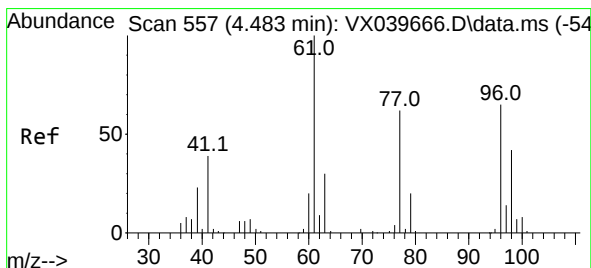
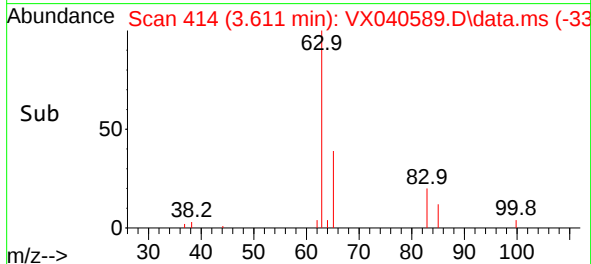
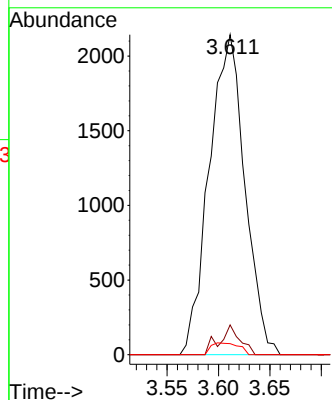
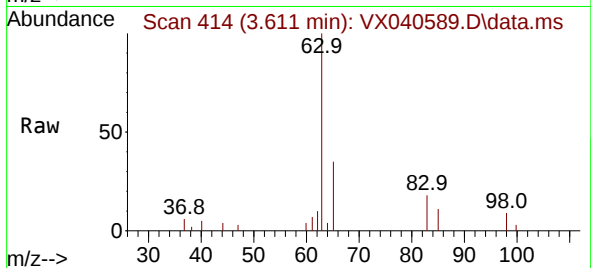
Tgt Ion: 63	Resp: 517
Ion Ratio	Lower Upper
63 100	
98 9.3	2.9 8.8
100 3.5	2.0 5.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#22

cis-1,2-Dichloroethene

Concen: 2.600 ug/l

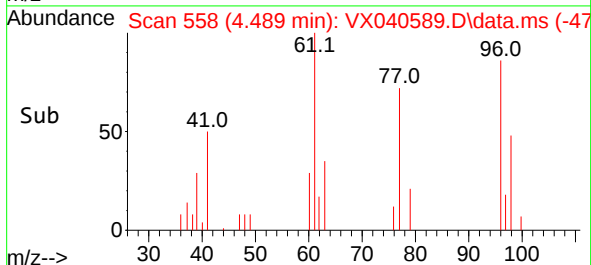
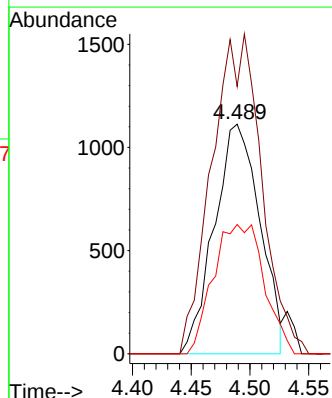
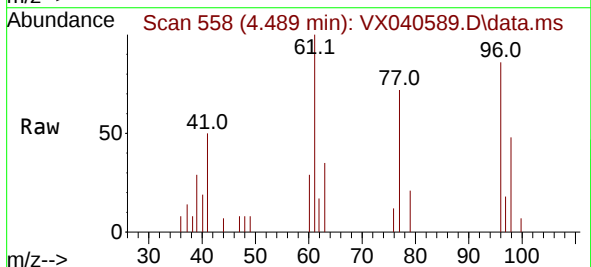
RT: 4.489 min Scan# 558

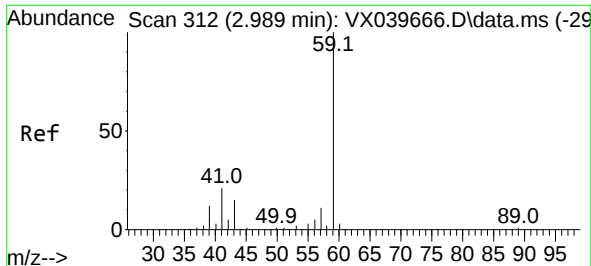
Delta R.T. 0.006 min

Lab File: VX040589.D

Acq: 05 Mar 2024 15:27

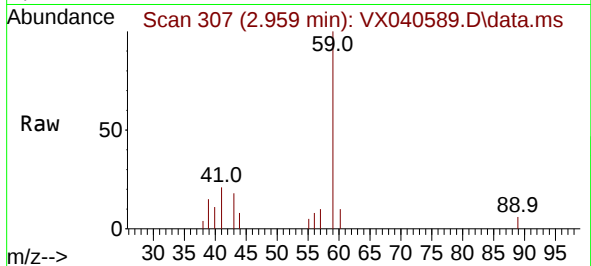
Tgt Ion: 96	Resp: 3009
Ion Ratio	Lower Upper
96 100	
61 84.8	119.8 179.6
98 62.6	50.9 76.3





#23
tert-Butyl Alcohol
Concen: 11.755 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

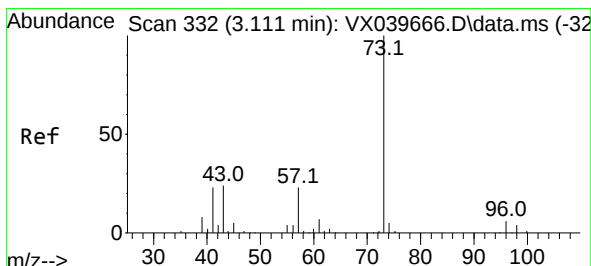
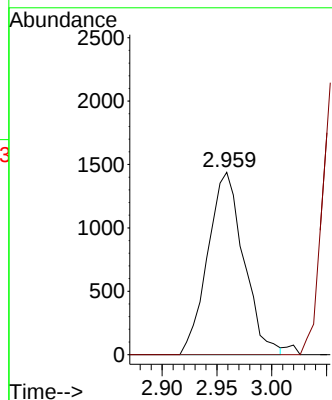
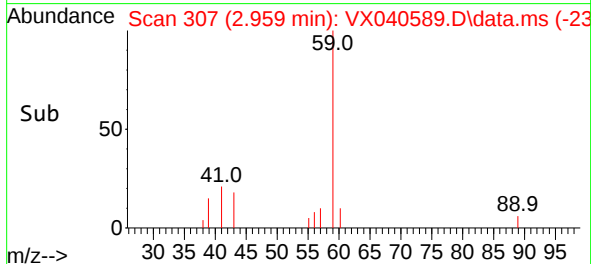
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 59 Resp: 3288
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

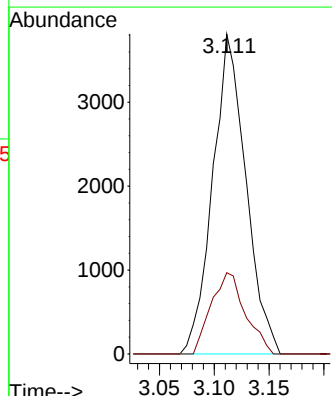
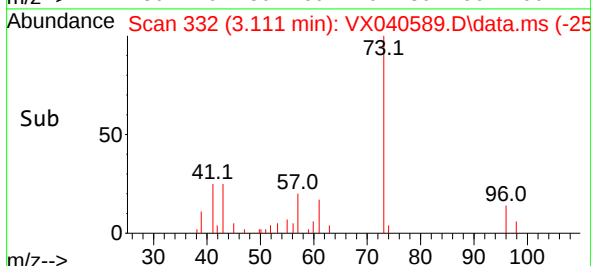
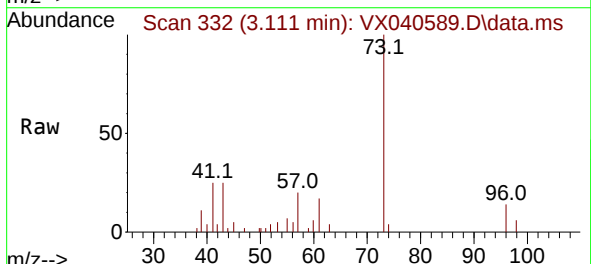
Manual Integrations
APPROVED

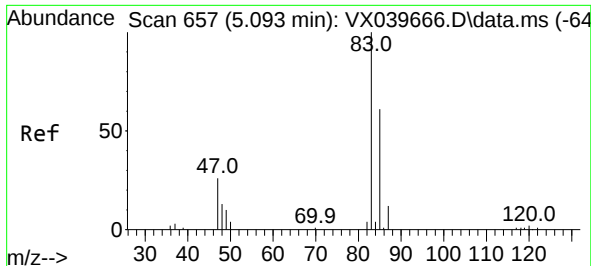
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#24
Methyl tert-Butyl Ether
Concen: 2.384 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

Tgt Ion: 73 Resp: 8030
Ion Ratio Lower Upper
73 100
43 26.1 17.0 25.6#





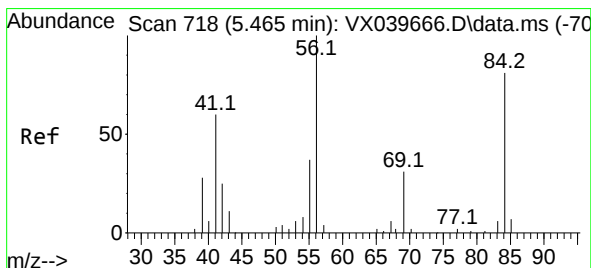
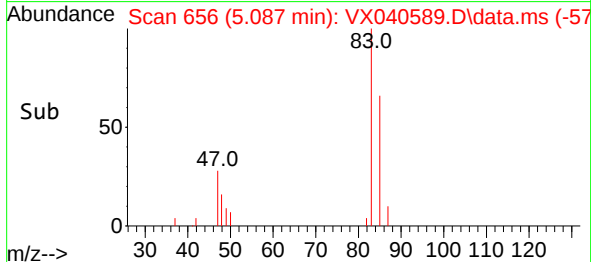
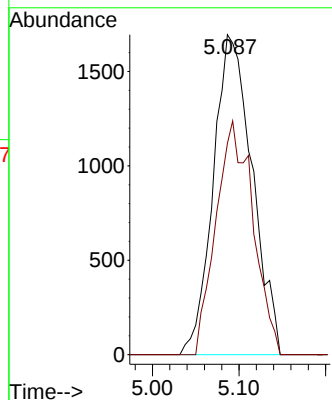
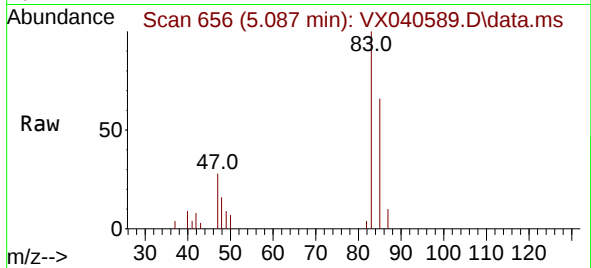
#25
Chloroform
Concen: 2.497 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

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

Tgt Ion: 83 Resp: 5298
Ion Ratio Lower Upper
83 100
85 66.0 54.6 81.8

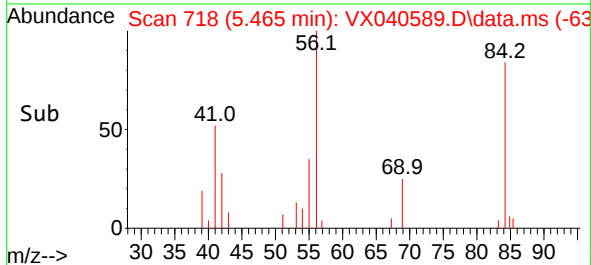
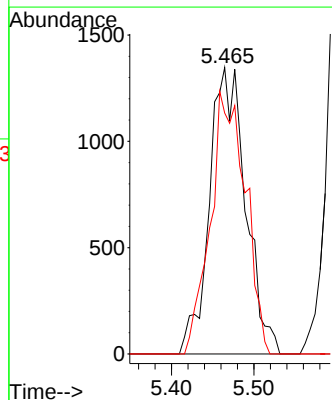
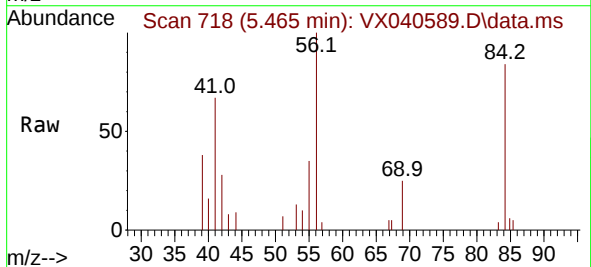
Manual Integrations
APPROVED

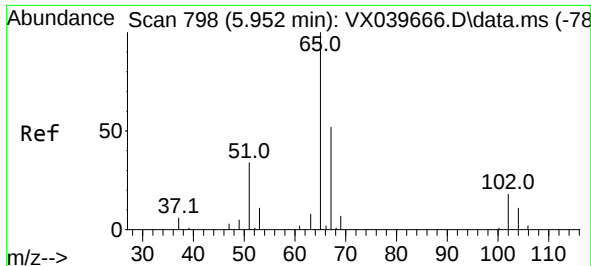
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#26
Cyclohexane
Concen: 2.633 ug/l m
RT: 5.465 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

Tgt Ion: 56 Resp: 4119
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 51.3 67.2 100.8#





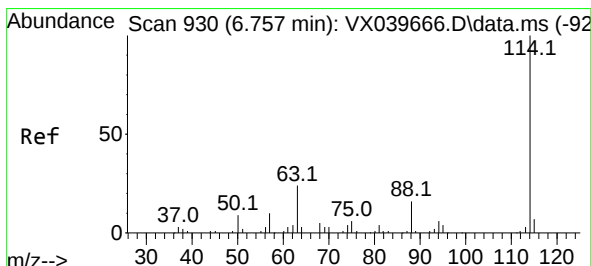
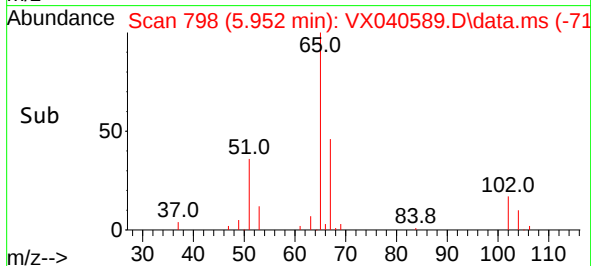
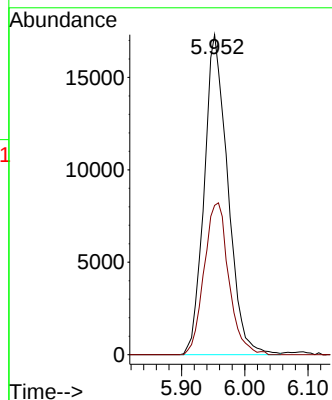
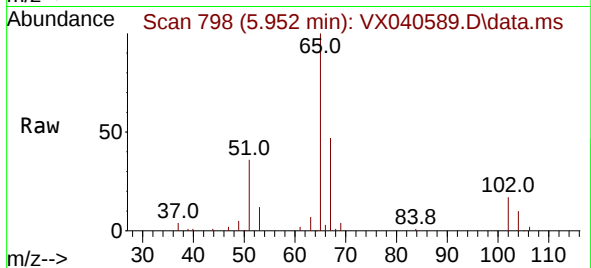
#27
1,2-Dichloroethane-d4
Concen: 29.346 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

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

Tgt Ion: 65 Resp: 4485
Ion Ratio Lower Upper
65 100
67 49.4 42.5 63.7

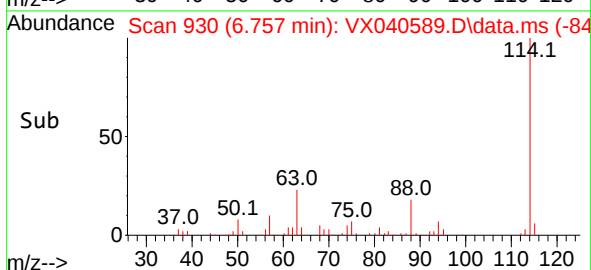
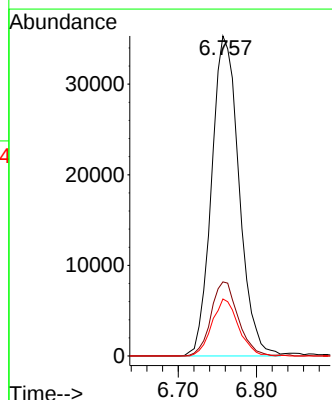
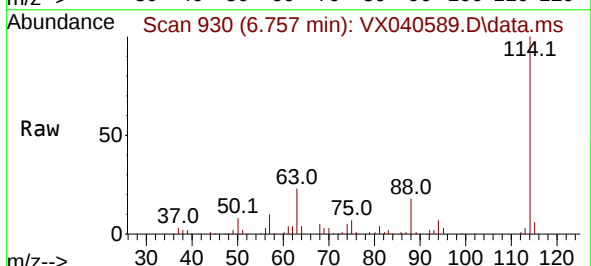
Manual Integrations
APPROVED

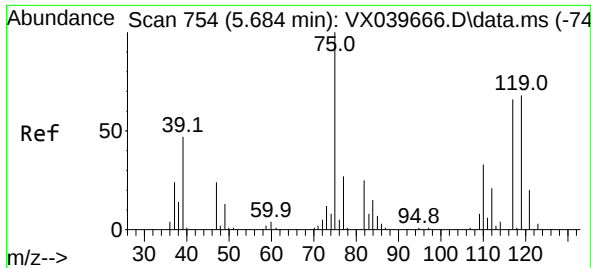
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

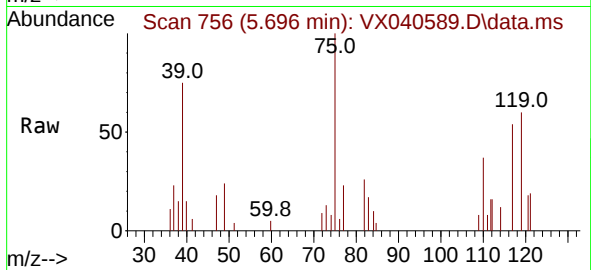
Tgt Ion:114 Resp: 86144
Ion Ratio Lower Upper
114 100
63 22.8 17.0 25.4
88 17.1 12.7 19.1





#29
1,1-Dichloropropene
Concen: 2.706 ug/l m
RT: 5.696 min Scan# 754
Delta R.T. 0.012 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

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

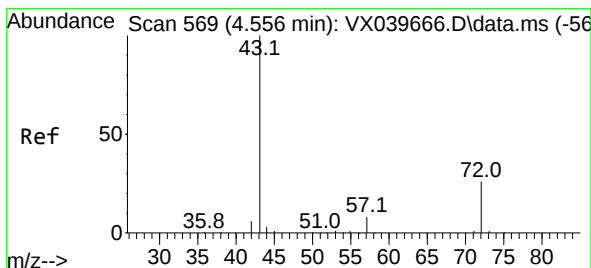
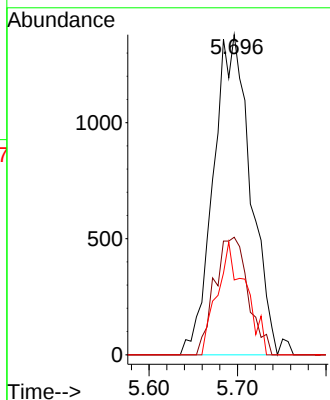
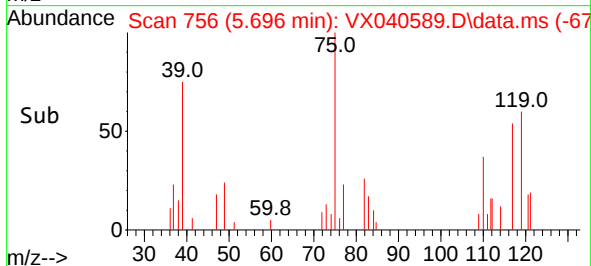


Tgt Ion: 75 Resp: 403

Ion	Ratio	Lower	Upper
75	100		
110	33.0	0.0	71.2
77	16.1	0.0	62.6

Manual Integrations
APPROVED

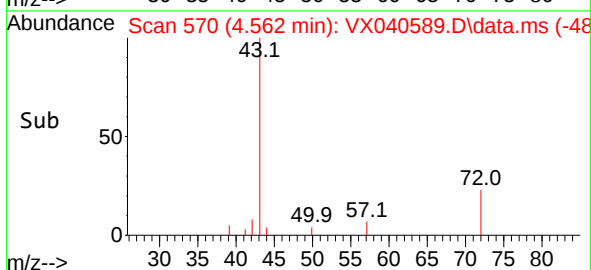
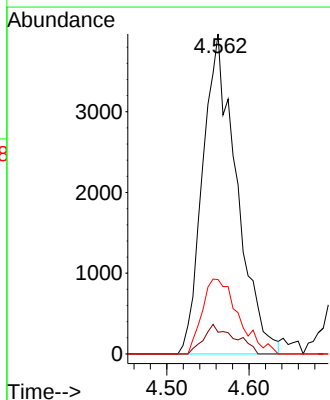
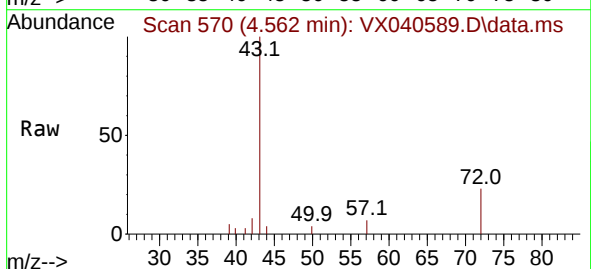
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

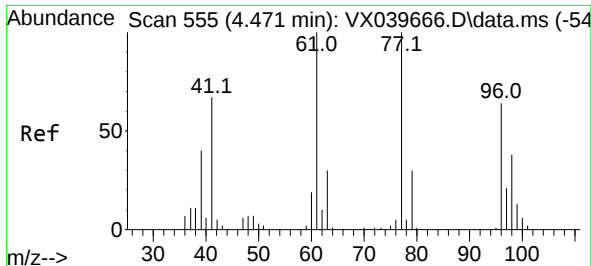


#30
2-Butanone
Concen: 12.426 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

Tgt Ion: 43 Resp: 11306

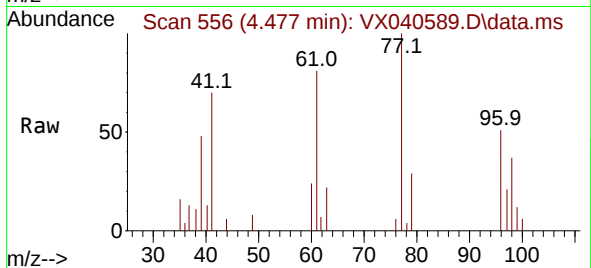
Ion	Ratio	Lower	Upper
43	100		
57	4.1	6.6	10.0#
72	22.8	20.6	31.0





#31
2,2-Dichloropropane
Concen: 2.491 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

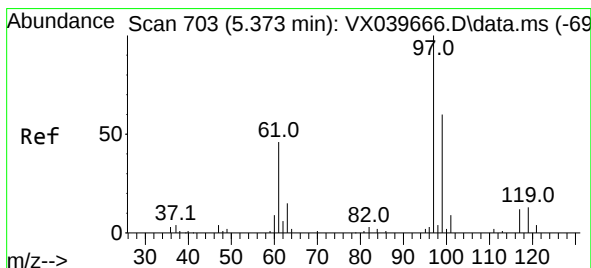
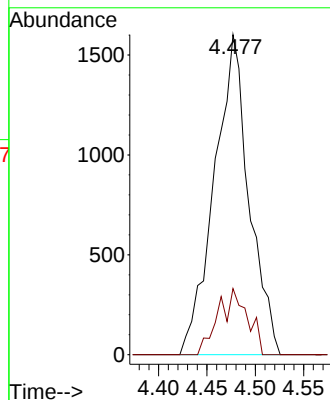
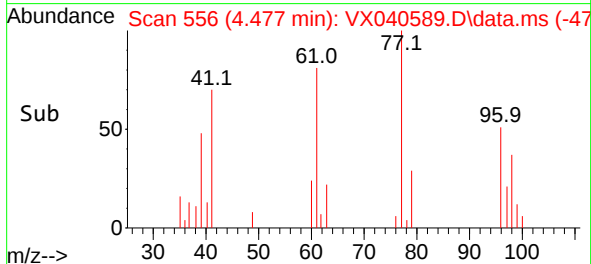
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



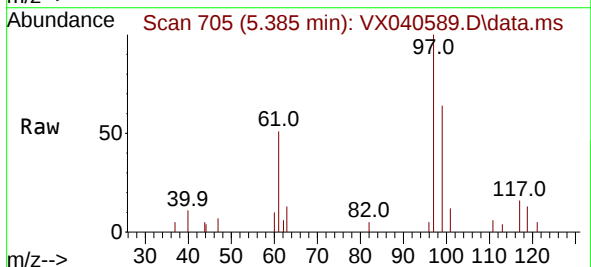
Tgt Ion: 77 Resp: 4009
Ion Ratio Lower Upper
77 100
97 10.2 18.2 27.4

Manual Integrations
APPROVED

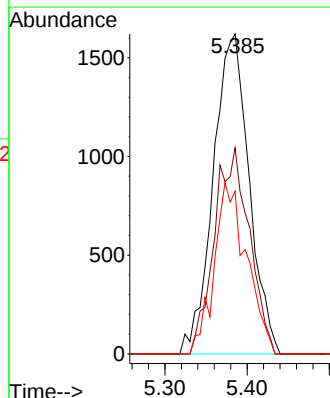
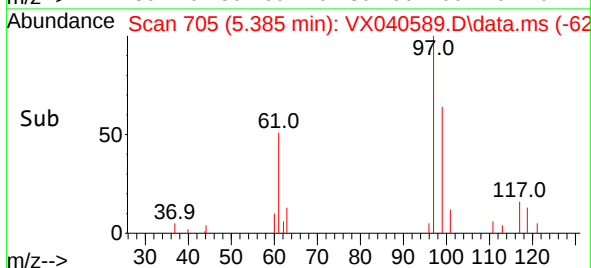
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

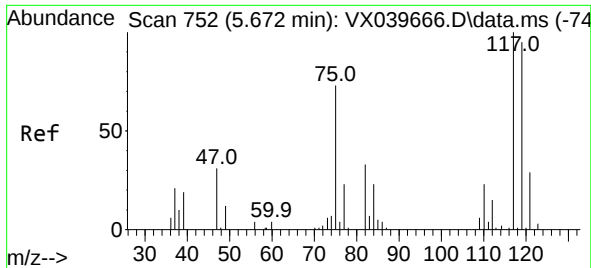


#32
1,1,1-Trichloroethane
Concen: 2.619 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27



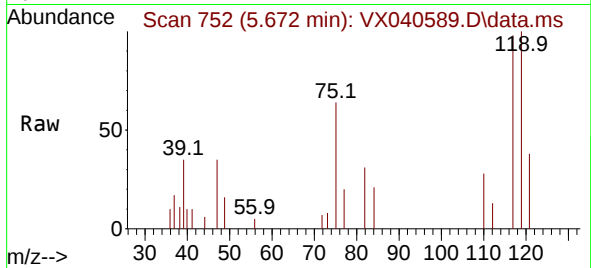
Tgt Ion: 97 Resp: 4921
Ion Ratio Lower Upper
97 100
99 37.7 52.6 79.0#
61 0.0 36.9 55.3#





#33
Carbon Tetrachloride
Concen: 2.260 ug/l m
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

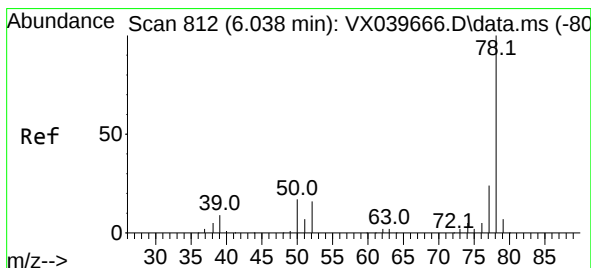
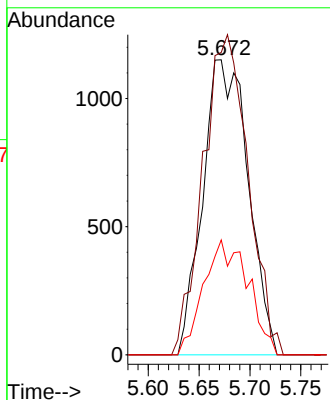
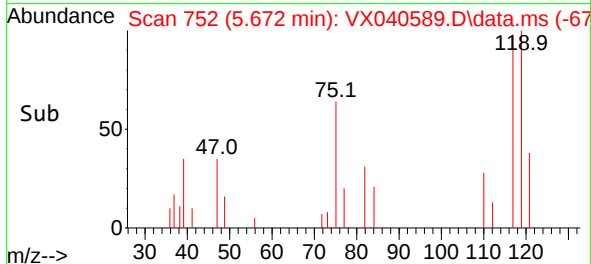
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 117 Resp: 357
Ion Ratio Lower Upper
117 100
119 102.5 78.2 117.4
121 38.9 24.7 37.1

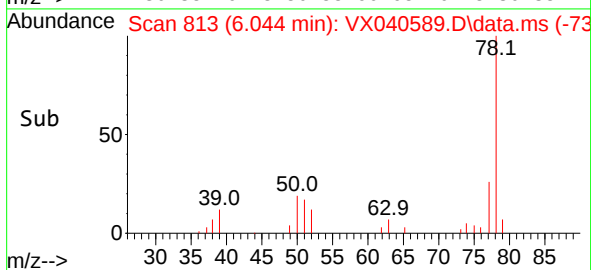
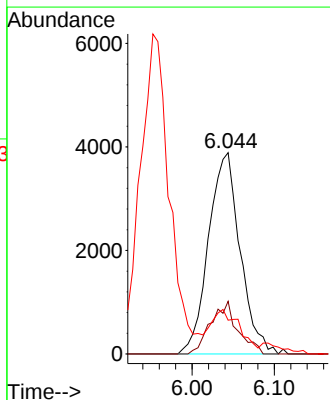
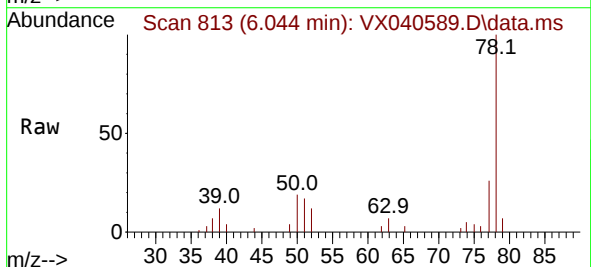
Manual Integrations
APPROVED

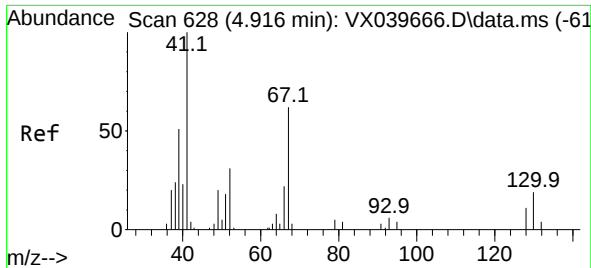
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#34
Benzene
Concen: 2.579 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

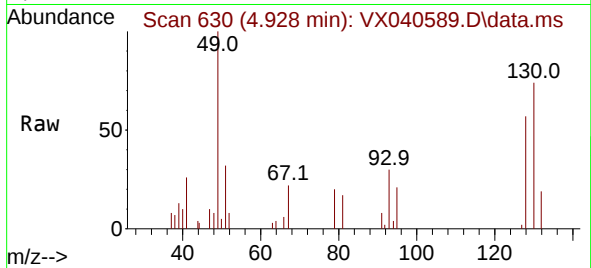
Tgt Ion: 78 Resp: 10383
Ion Ratio Lower Upper
78 100
77 26.2 19.3 28.9
51 13.4 14.4 21.6





#35
Methacrylonitrile
Concen: 2.243 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

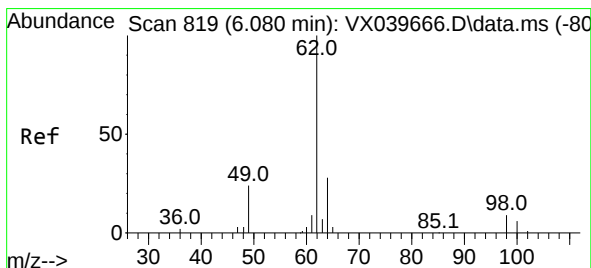
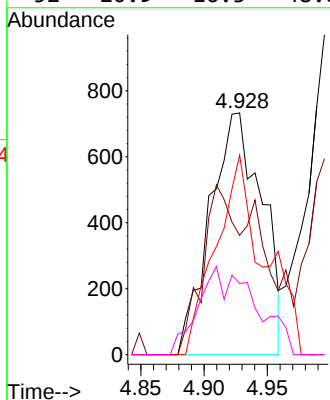
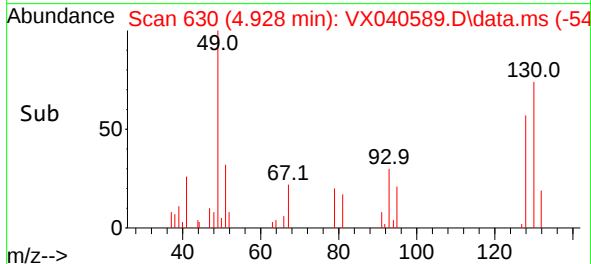
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 41 Resp: 209
Ion Ratio Lower Upper
41 100
39 49.4 28.2 84.7
67 82.5 34.5 103.5
52 20.9 16.3 48.8

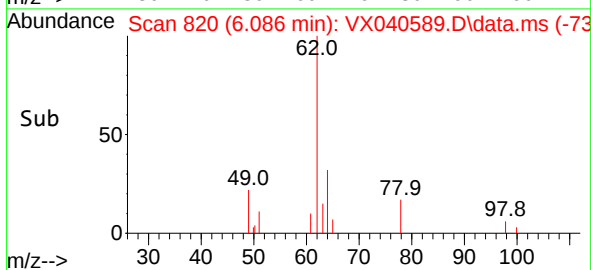
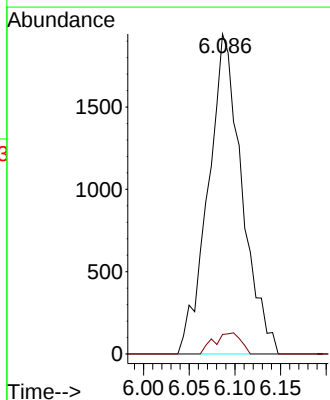
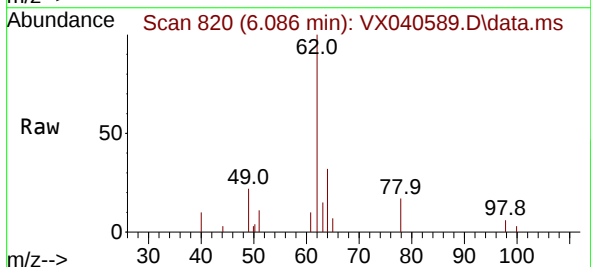
Manual Integrations
APPROVED

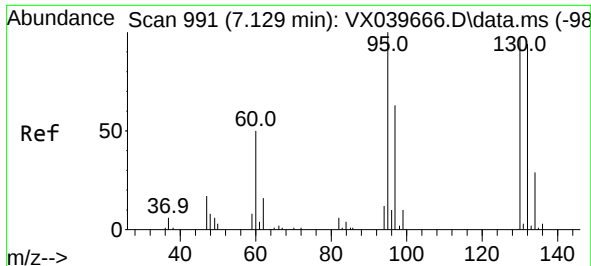
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#36
1,2-Dichloroethane
Concen: 2.679 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

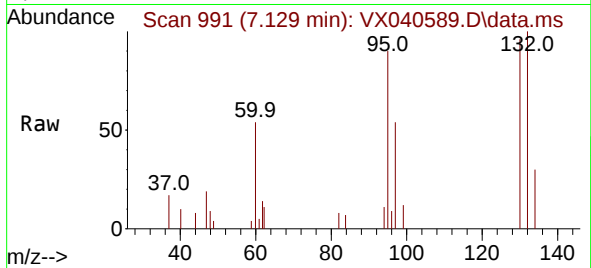
Tgt Ion: 62 Resp: 4986
Ion Ratio Lower Upper
62 100
98 3.8 7.0 10.4#





#37
Trichloroethene
Concen: 2.557 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

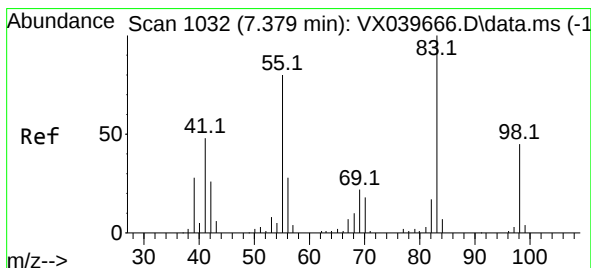
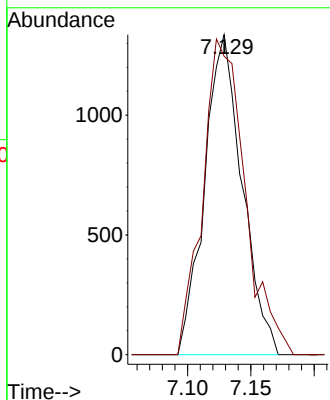
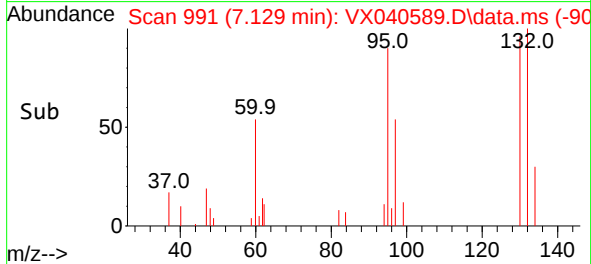
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion:130 Resp: 2760
Ion Ratio Lower Upper
130 100
95 93.3 85.8 128.8

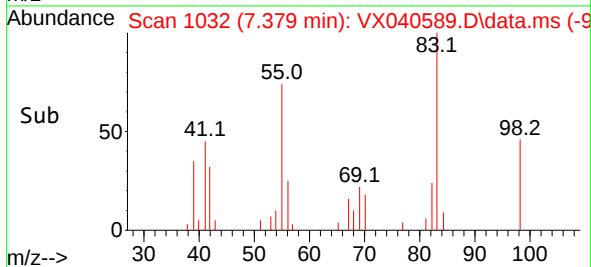
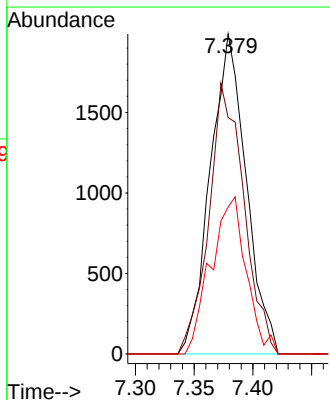
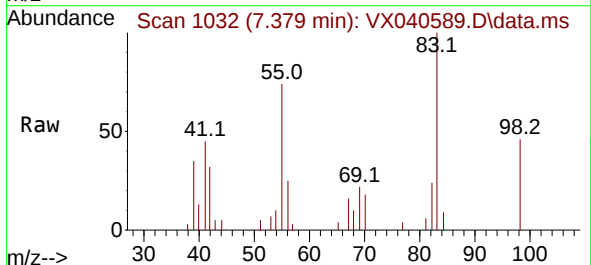
Manual Integrations
APPROVED

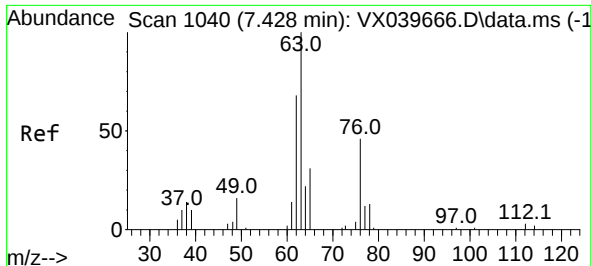
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#38
Methylcyclohexane
Concen: 2.630 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

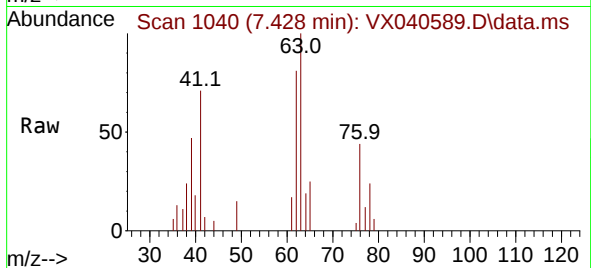
Tgt Ion: 83 Resp: 4222
Ion Ratio Lower Upper
83 100
55 82.7 38.6 116.0
98 48.6 22.3 66.8





#39
1,2-Dichloropropane
Concen: 2.772 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

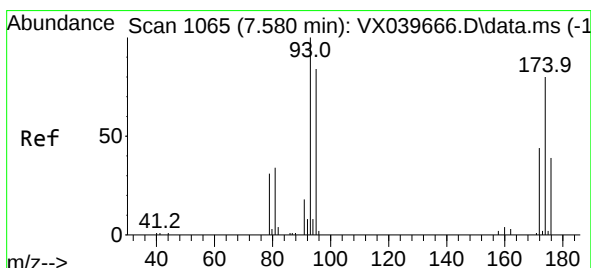
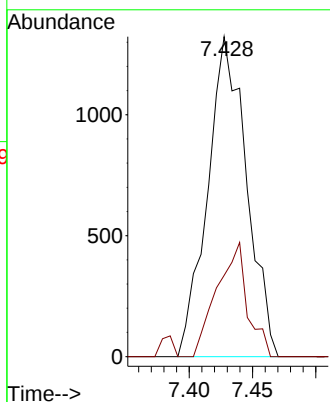
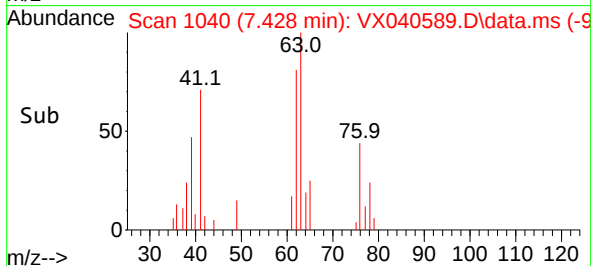
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 63 Resp: 284
Ion Ratio Lower Upper
63 100
65 25.4 24.6 37.0

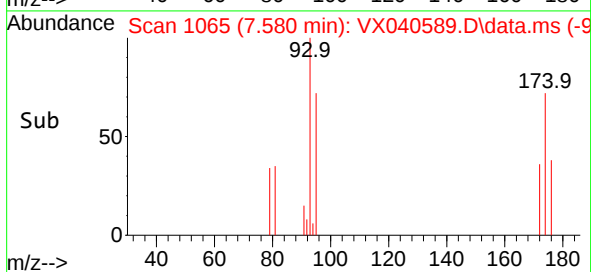
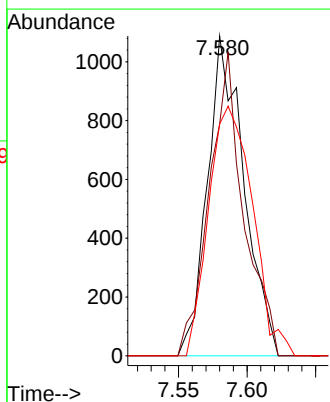
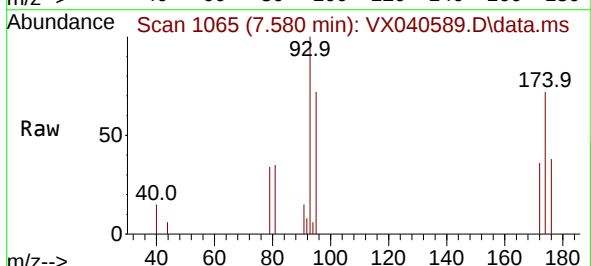
Manual Integrations
APPROVED

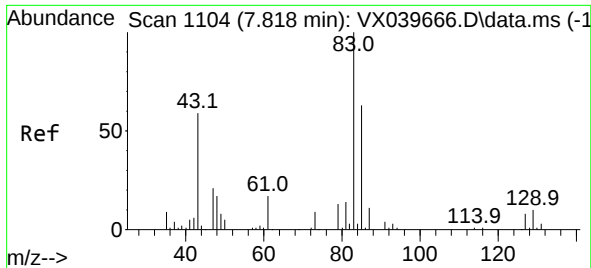
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#40
Dibromomethane
Concen: 2.499 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

Tgt Ion: 93 Resp: 2012
Ion Ratio Lower Upper
93 100
95 89.4 0.0 163.4
174 91.9 0.0 166.4





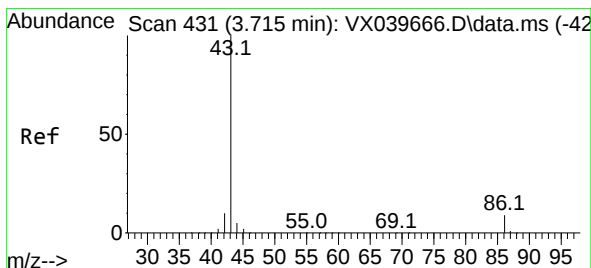
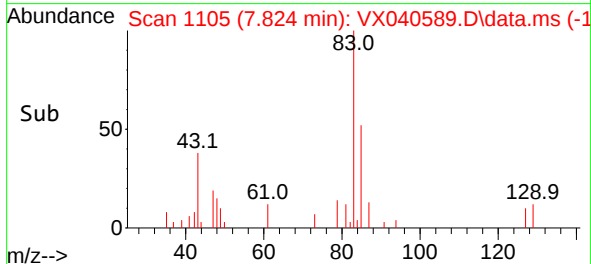
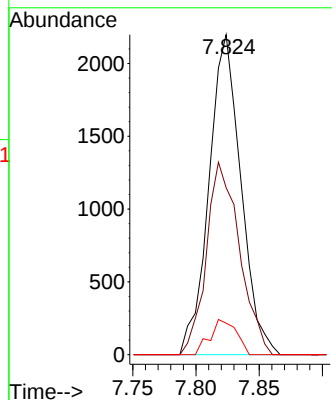
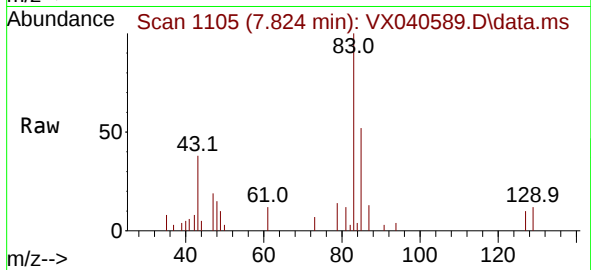
#41
Bromodichloromethane
Concen: 2.411 ug/l
RT: 7.824 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

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

Tgt Ion: 83 Resp: 3862
Ion Ratio Lower Upper
83 100
85 52.2 50.8 76.2
127 9.8 5.9 8.9

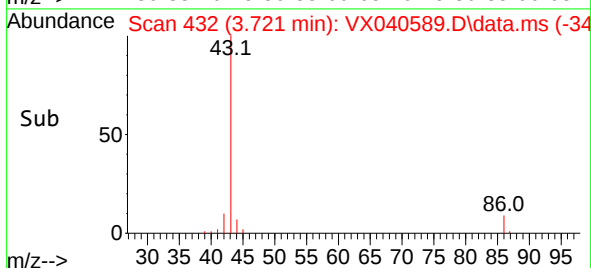
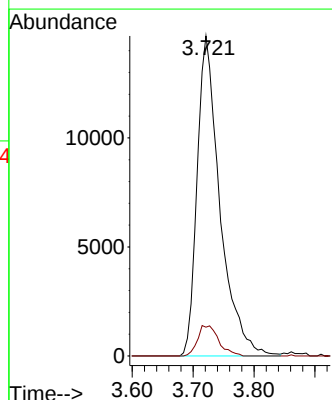
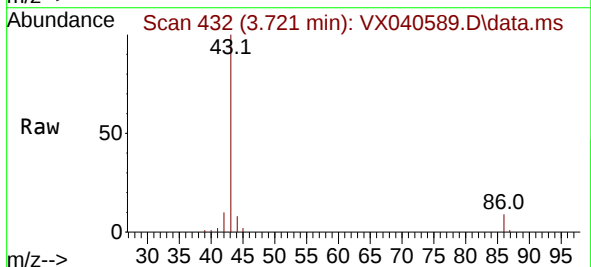
Manual Integrations
APPROVED

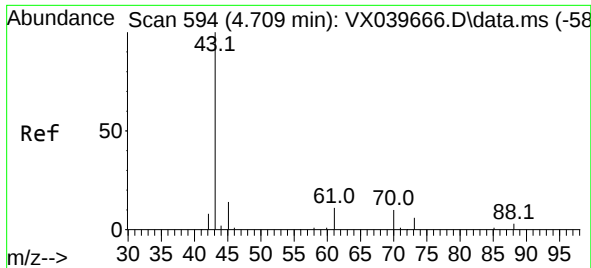
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#42
Vinyl Acetate
Concen: 12.181 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.006 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

Tgt Ion: 43 Resp: 38161
Ion Ratio Lower Upper
43 100
86 8.8 6.7 10.1





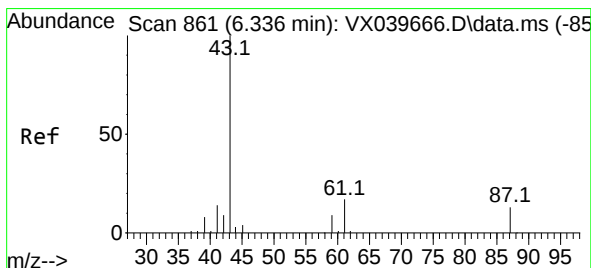
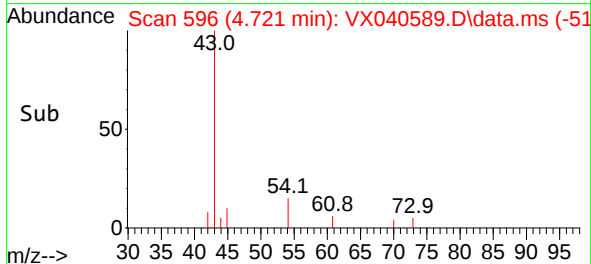
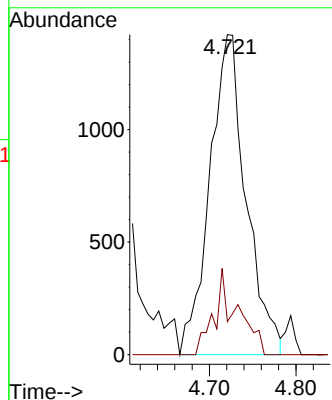
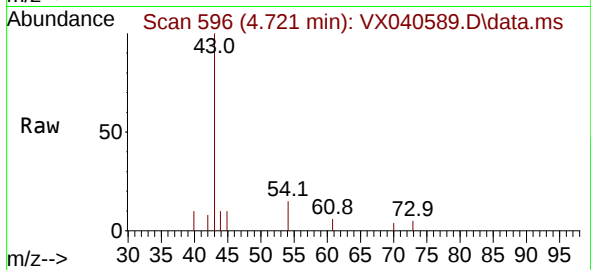
#43
Ethyl Acetate
Concen: 2.418 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.012 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

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

Tgt Ion: 43 Resp: 414
Ion Ratio Lower Upper
43 100
45 4.7 11.8 17.8

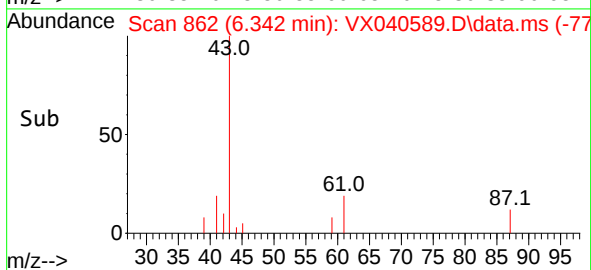
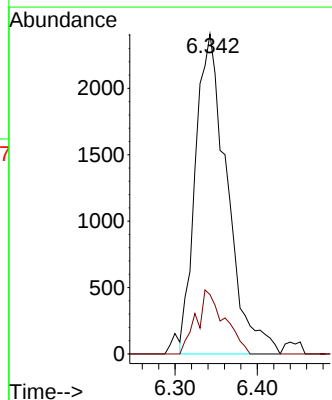
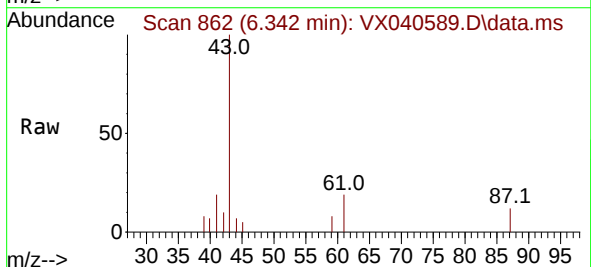
Manual Integrations
APPROVED

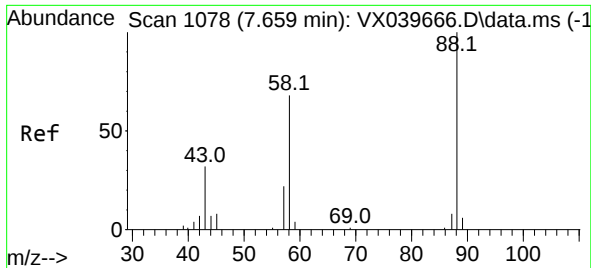
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#44
Isopropyl Acetate
Concen: 2.356 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

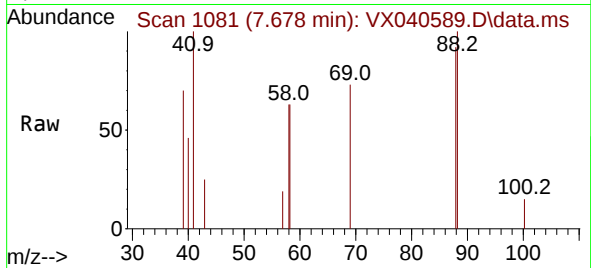
Tgt Ion: 43 Resp: 6445
Ion Ratio Lower Upper
43 100
61 5.2 15.6 23.4





#45
1,4-Dioxane
Concen: 52.814 ug/l m
RT: 7.678 min Scan# 1081
Delta R.T. 0.019 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

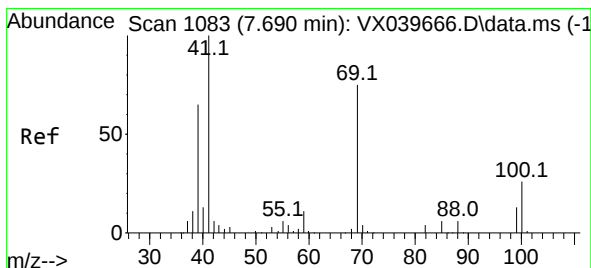
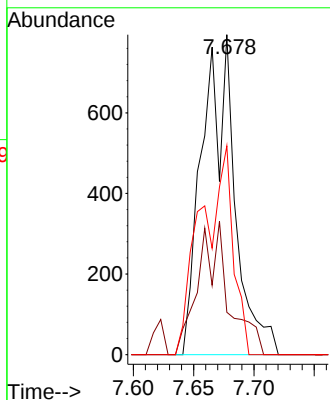
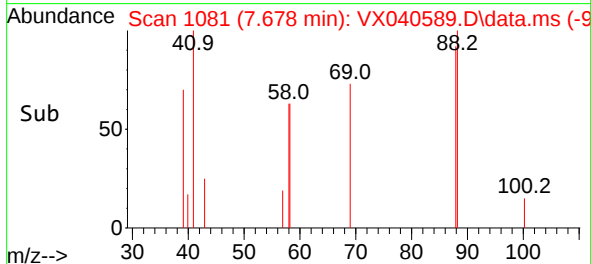
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 88 Resp: 148
Ion Ratio Lower Upper
88 100
43 20.0 28.1 42.1
58 32.4 57.7 86.5

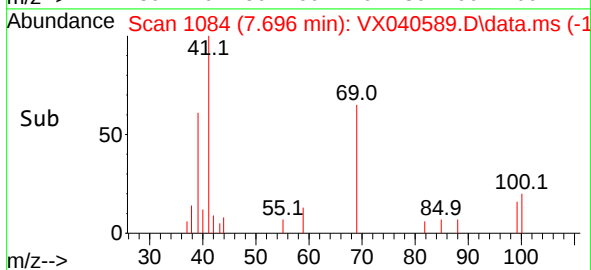
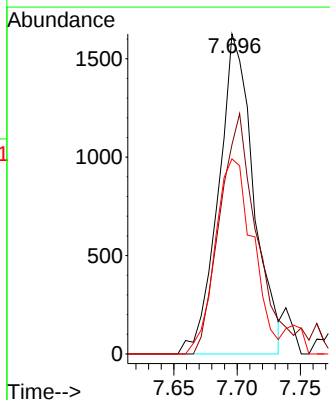
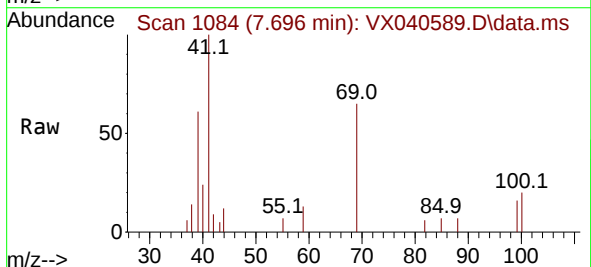
Manual Integrations
APPROVED

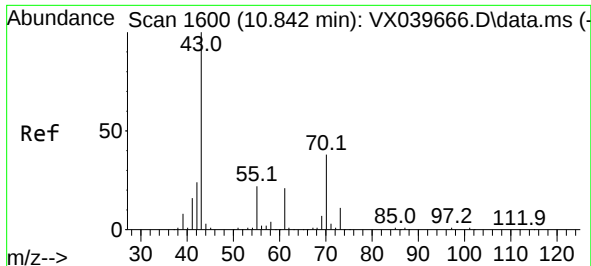
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#46
Methyl methacrylate
Concen: 2.310 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

Tgt Ion: 41 Resp: 3138
Ion Ratio Lower Upper
41 100
69 65.4 39.6 118.8
39 60.9 30.1 90.3





#47

n-amyl acetate

Concen: 2.061 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040589.D

Acq: 05 Mar 2024 15:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 43 Resp: 4859

Ion Ratio Lower Upper

43 100

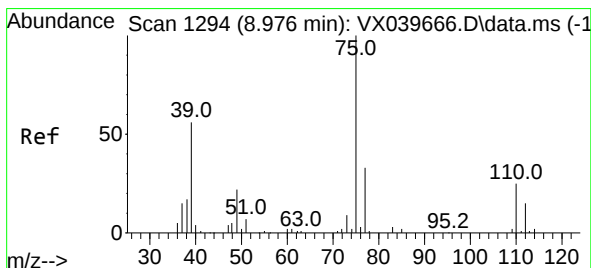
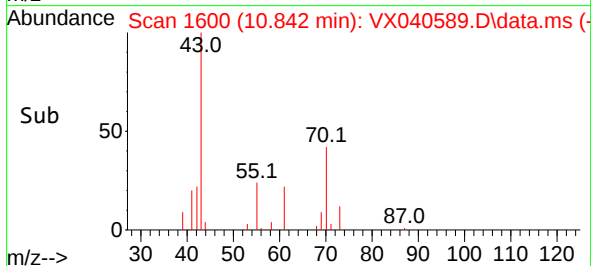
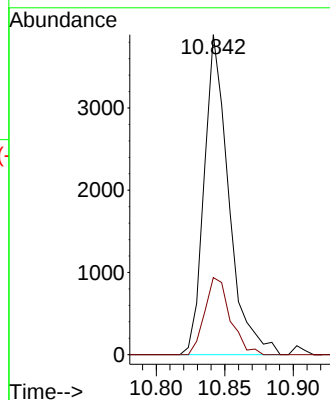
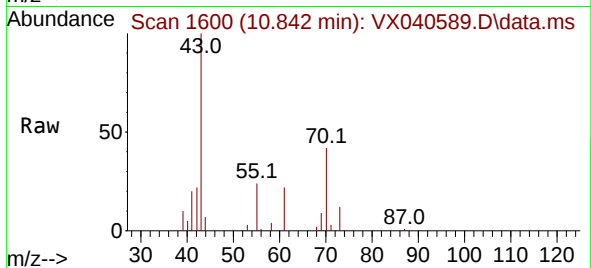
55 25.0 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#48

t-1,3-Dichloropropene

Concen: 2.352 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX040589.D

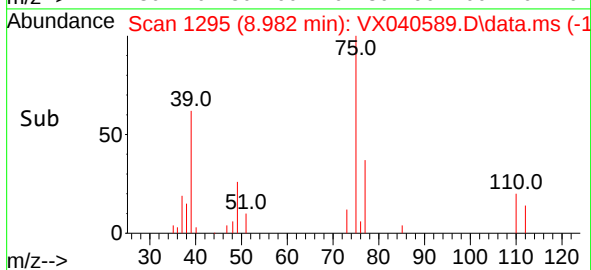
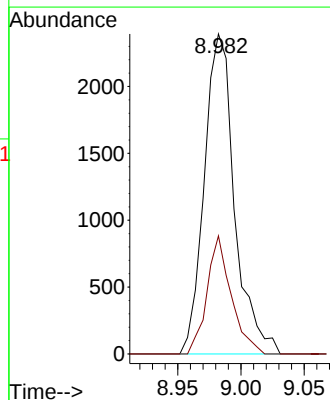
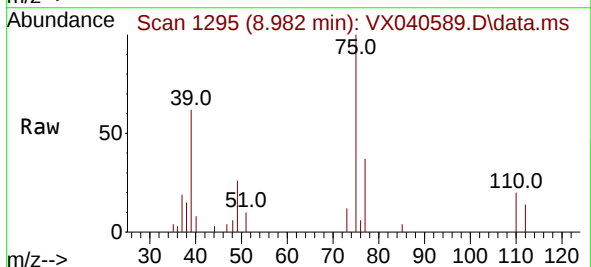
Acq: 05 Mar 2024 15:27

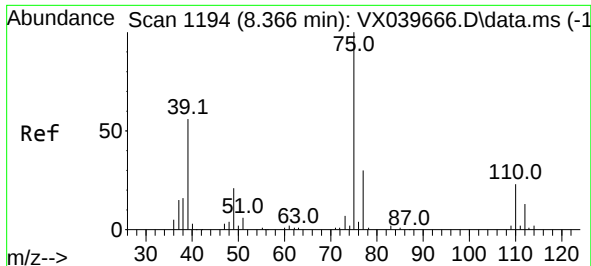
Tgt Ion: 75 Resp: 3982

Ion Ratio Lower Upper

75 100

77 36.9 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 2.300 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040589.D

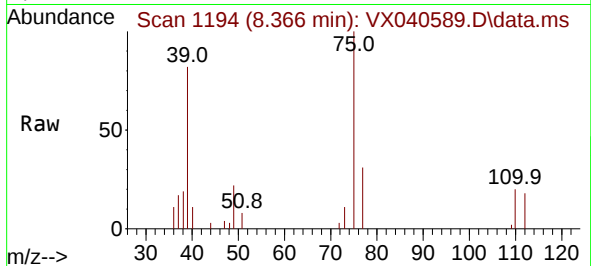
Acq: 05 Mar 2024 15:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



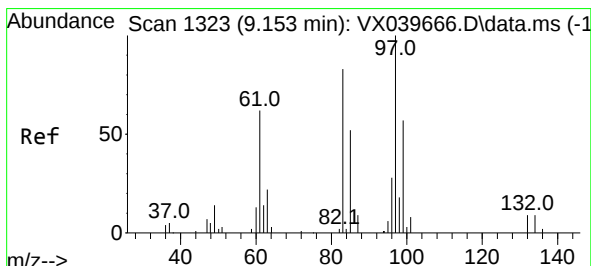
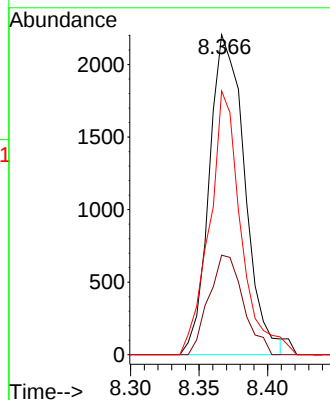
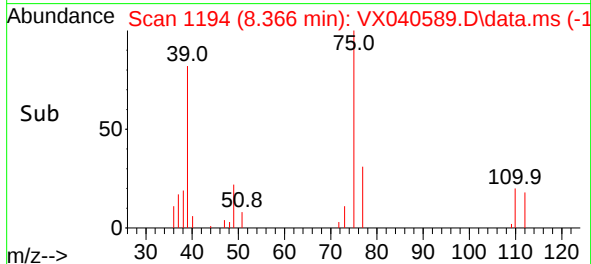
Tgt Ion: 75	Resp: 396
Ion Ratio	Lower Upper
75	100
77	31.1 24.4 36.6
39	82.4 40.6 60.8

Manual Integrations

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Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#50

1,1,2-Trichloroethane

Concen: 2.742 ug/l

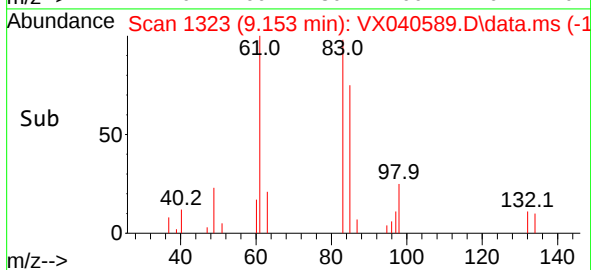
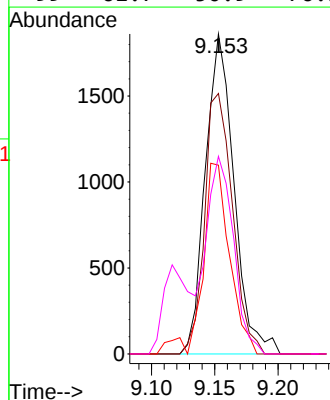
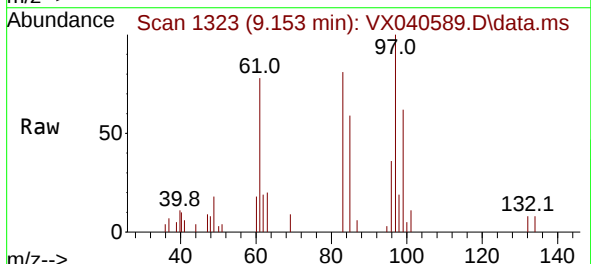
RT: 9.153 min Scan# 1323

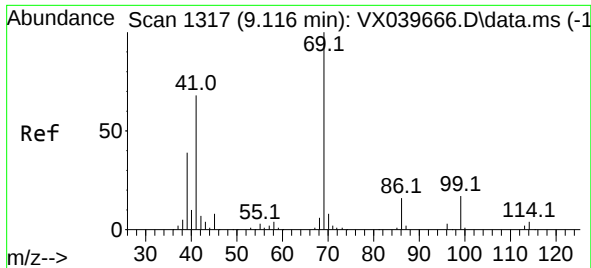
Delta R.T. -0.000 min

Lab File: VX040589.D

Acq: 05 Mar 2024 15:27

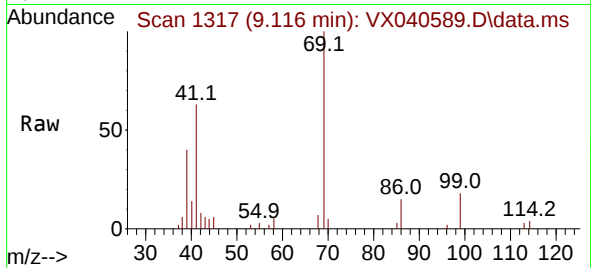
Tgt Ion: 97	Resp: 2932
Ion Ratio	Lower Upper
97	100
83	81.4 69.0 103.6
85	59.0 46.3 69.5
99	61.7 50.9 76.3





#51
Ethyl methacrylate
Concen: 2.190 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

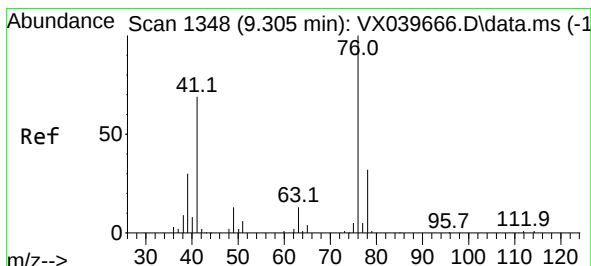
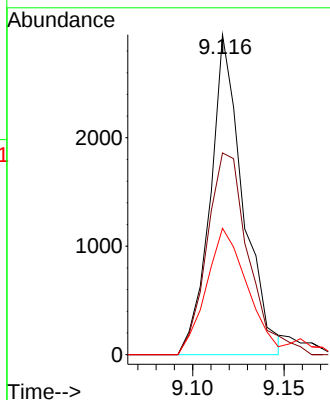
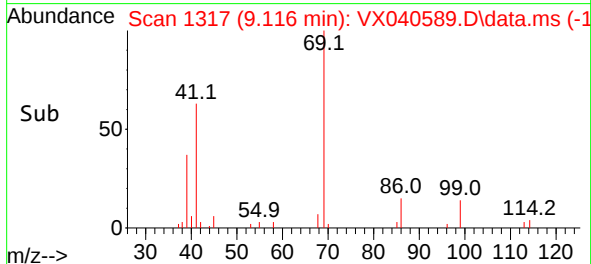
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



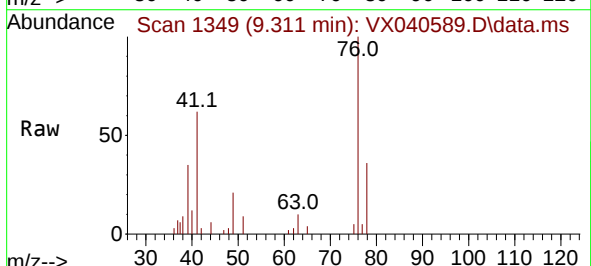
Tgt Ion: 69 Resp: 368
Ion Ratio Lower Upper
69 100
41 63.0 36.2 108.6
39 39.5 21.1 63.4

Manual Integrations
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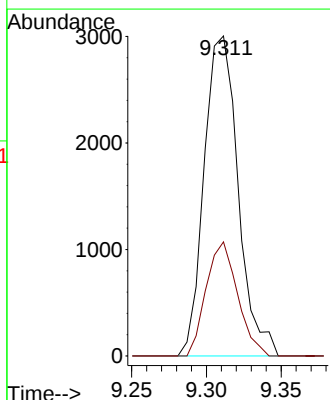
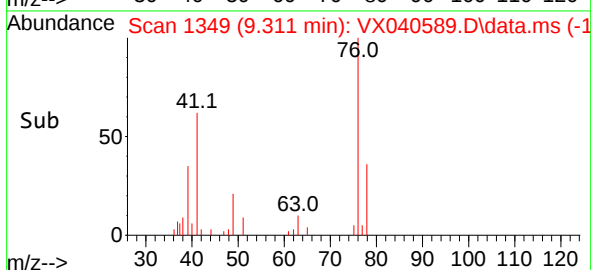
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

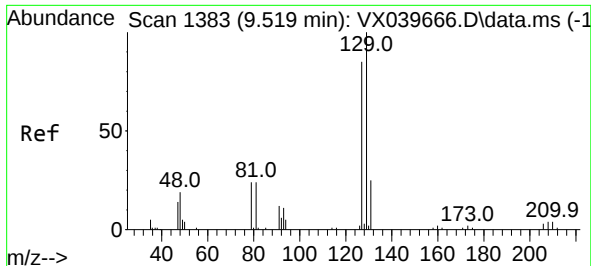


#52
1,3-Dichloropropane
Concen: 2.606 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27



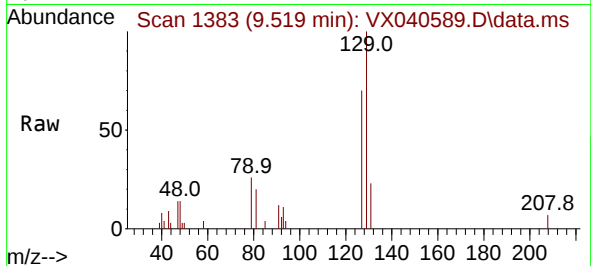
Tgt Ion: 76 Resp: 4755
Ion Ratio Lower Upper
76 100
78 32.9 0.0 65.0





#53
Dibromochloromethane
Concen: 2.342 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

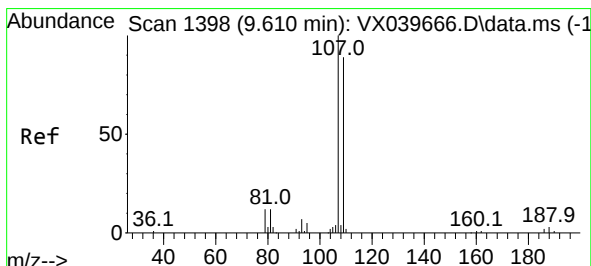
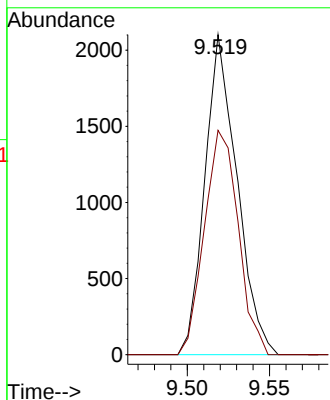
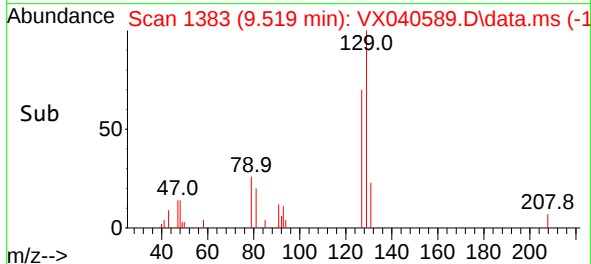
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion:129 Resp: 285
Ion Ratio Lower Upper
129 100
127 74.0 38.3 114.9

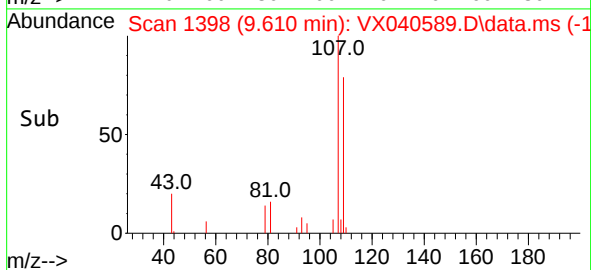
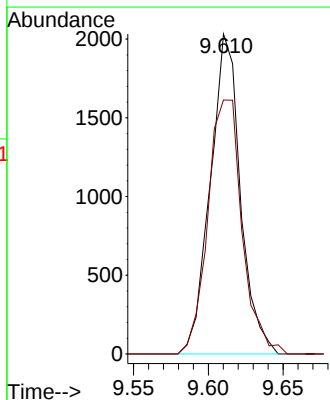
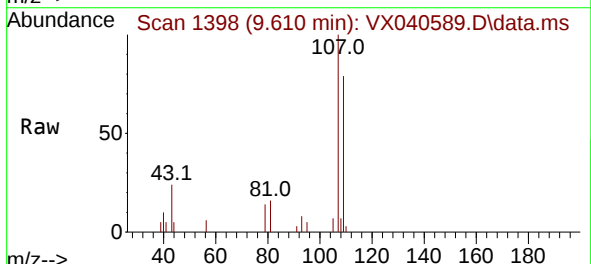
Manual Integrations
APPROVED

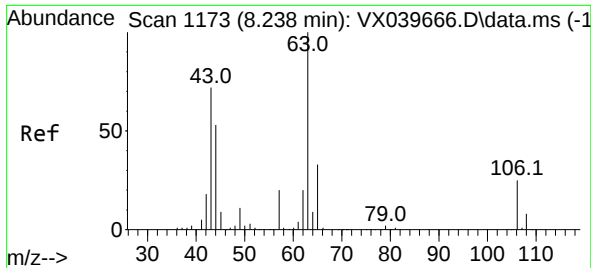
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#54
1,2-Dibromoethane
Concen: 2.404 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

Tgt Ion:107 Resp: 2845
Ion Ratio Lower Upper
107 100
109 90.3 75.1 112.7





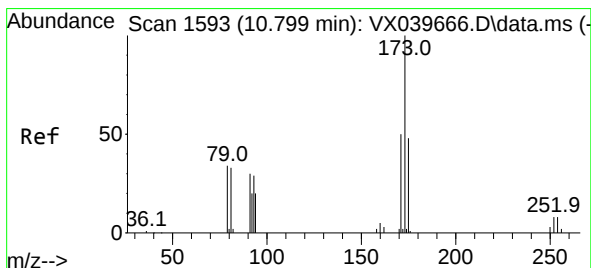
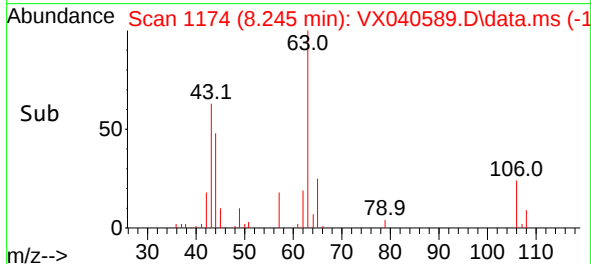
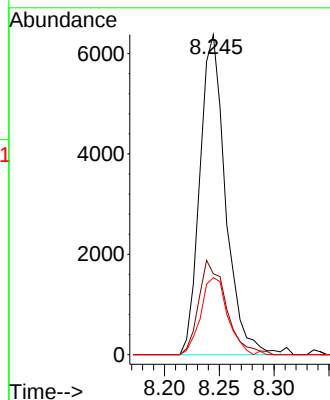
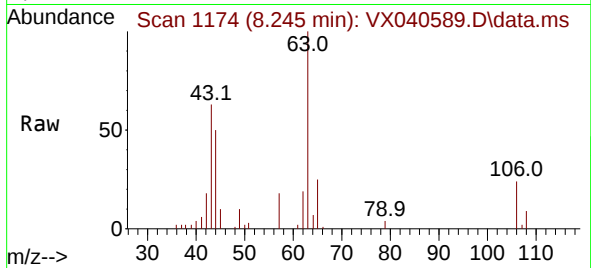
#55
2-Chloroethyl vinyl ether
Concen: 12.134 ug/l
RT: 8.245 min Scan# 1173
Delta R.T. 0.007 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

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

Tgt Ion: 63	Resp: 1040
Ion Ratio	Lower Upper
63 100	
65 31.4	25.8 38.6
106 25.2	20.6 31.0

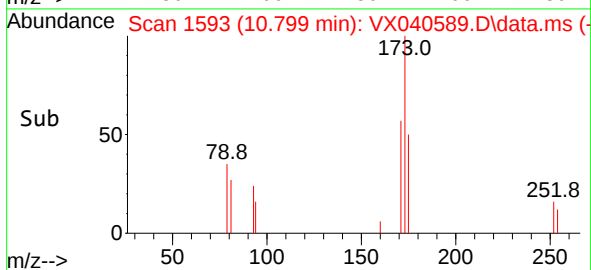
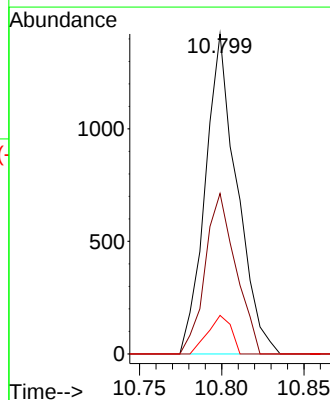
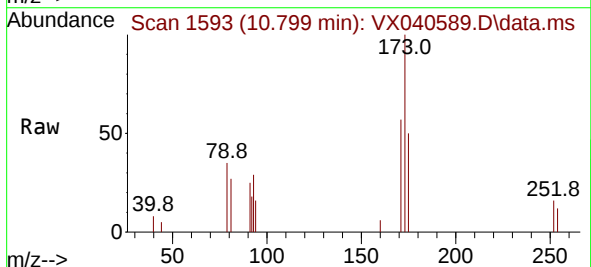
Manual Integrations
APPROVED

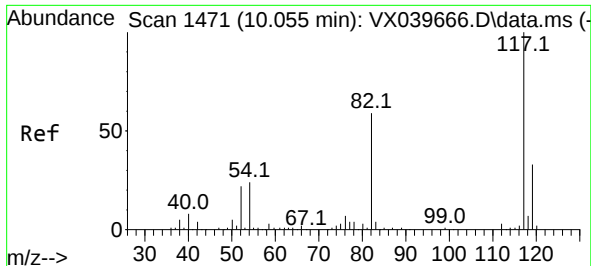
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#56
Bromoform
Concen: 2.198 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

Tgt Ion: 173	Resp: 1901
Ion Ratio	Lower Upper
173 100	
175 48.6	37.6 56.4
254 8.9	5.8 8.8#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX040589.D

Acq: 05 Mar 2024 15:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 117 Resp: 81870

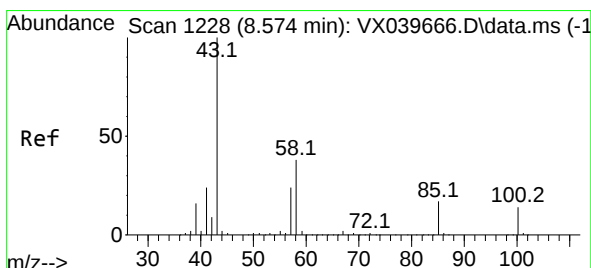
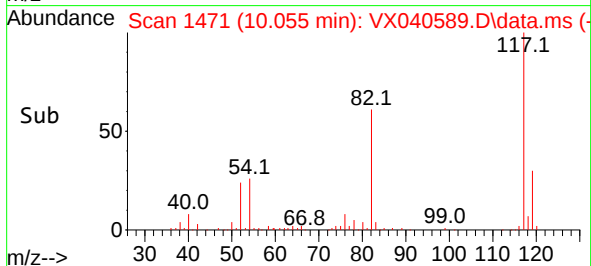
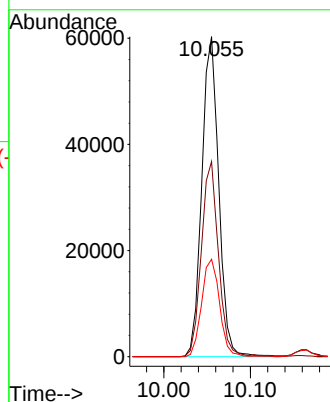
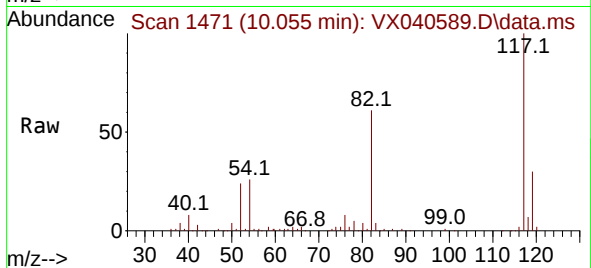
Ion	Ratio	Lower	Upper
117	100		
82	61.1	47.0	70.6
119	32.1	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#58

4-Methyl-2-Pentanone

Concen: 11.582 ug/l

RT: 8.574 min Scan# 1228

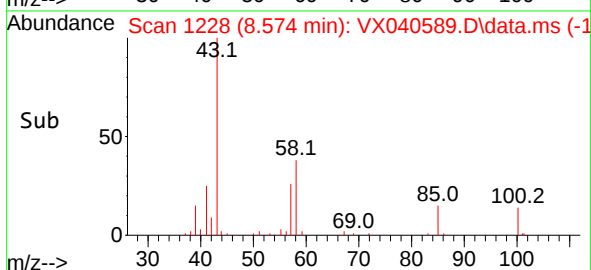
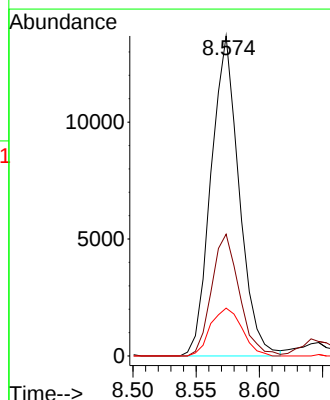
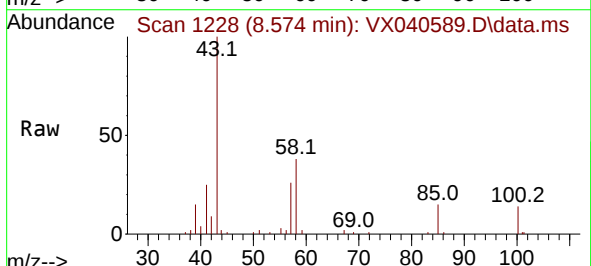
Delta R.T. -0.000 min

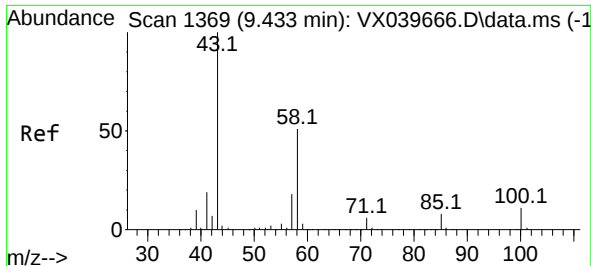
Lab File: VX040589.D

Acq: 05 Mar 2024 15:27

Tgt Ion: 43 Resp: 21114

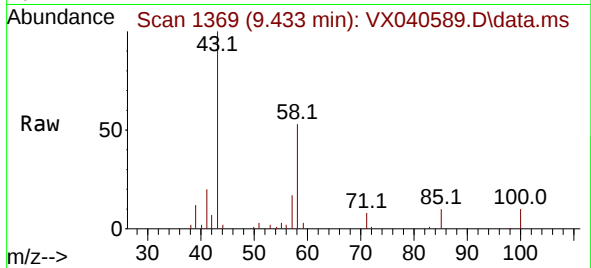
Ion	Ratio	Lower	Upper
43	100		
58	37.6	30.1	45.1
85	16.8	13.9	20.9





#59
2-Hexanone
Concen: 10.717 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

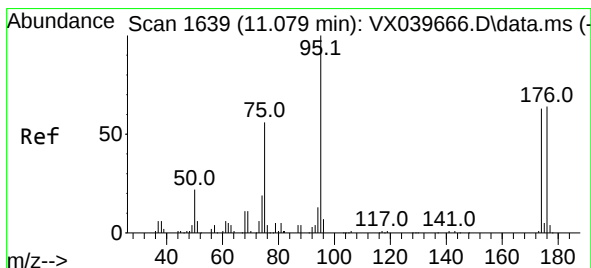
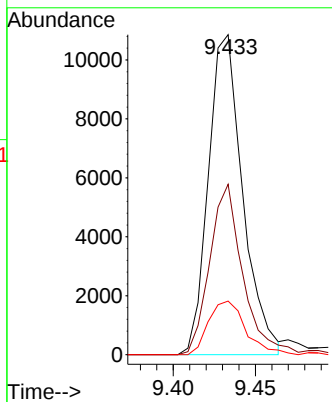
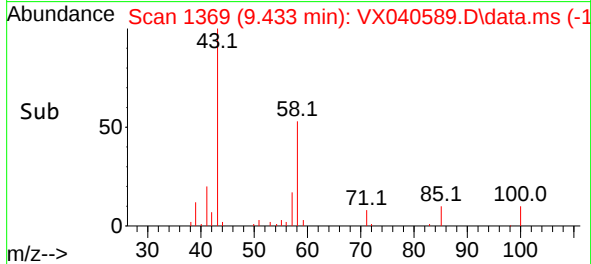
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 43 Resp: 1578
Ion Ratio Lower Upper
43 100
58 51.1 42.7 64.1
57 18.1 14.8 22.2

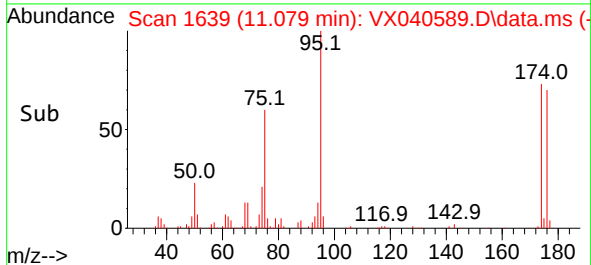
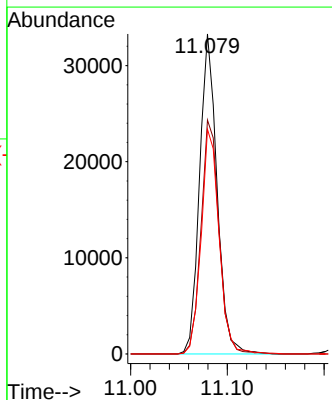
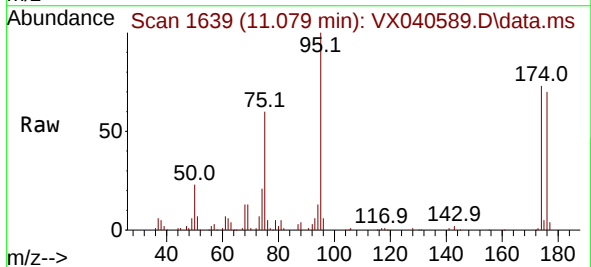
Manual Integrations
APPROVED

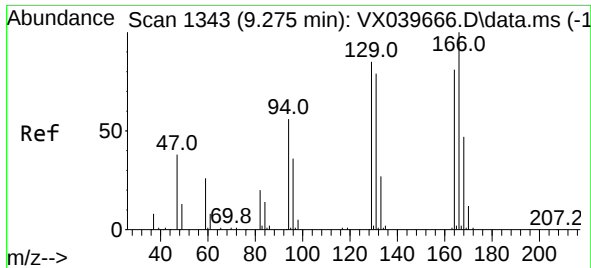
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#60
4-Bromofluorobenzene
Concen: 29.846 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

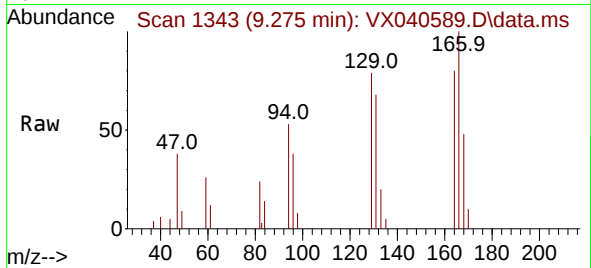
Tgt Ion: 95 Resp: 41913
Ion Ratio Lower Upper
95 100
174 74.8 55.4 83.2
176 71.5 52.6 78.8





#61
Tetrachloroethene
Concen: 2.819 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

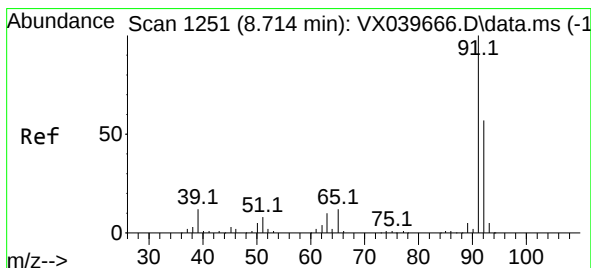
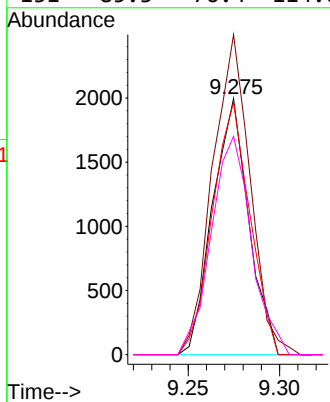
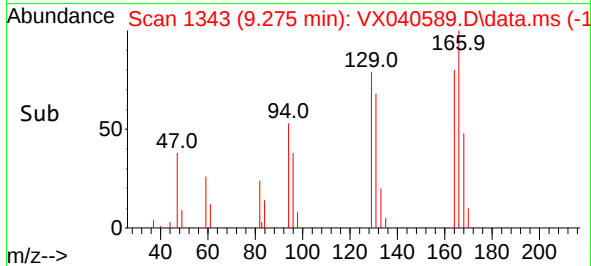
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion:164 Resp: 2739
Ion Ratio Lower Upper
164 100
166 124.9 104.0 156.0
129 98.6 82.0 123.0
131 85.3 76.4 114.6

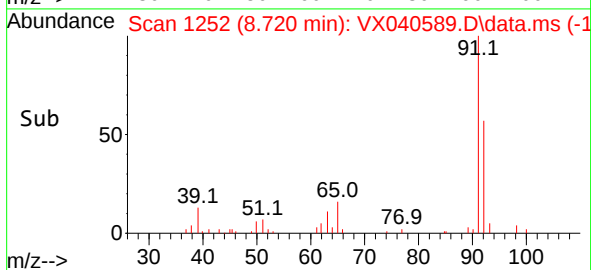
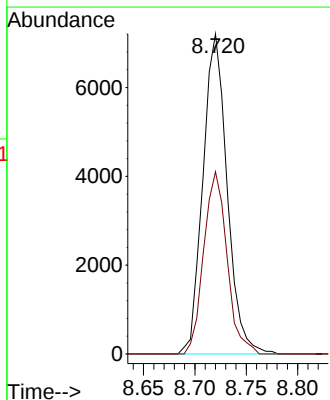
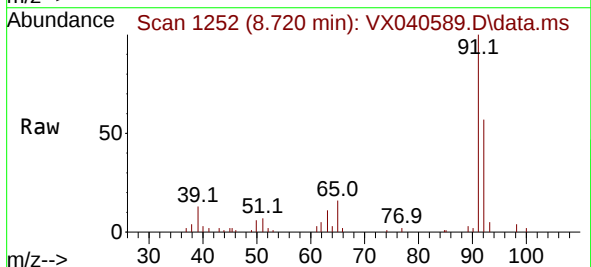
Manual Integrations
APPROVED

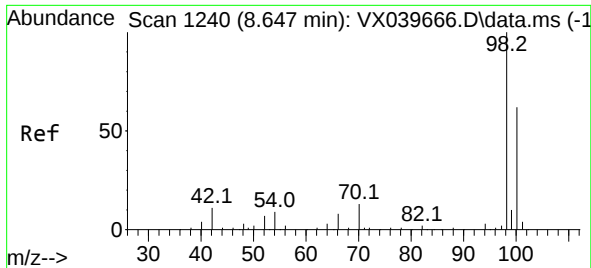
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#62
Toluene
Concen: 2.621 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

Tgt Ion: 91 Resp: 11819
Ion Ratio Lower Upper
91 100
92 54.7 45.9 68.9





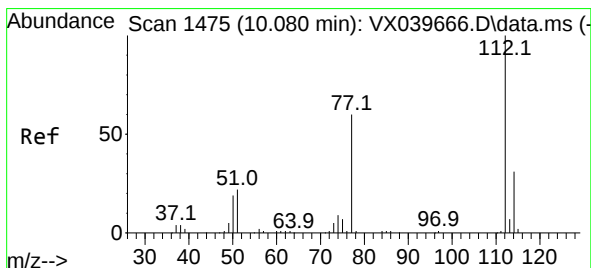
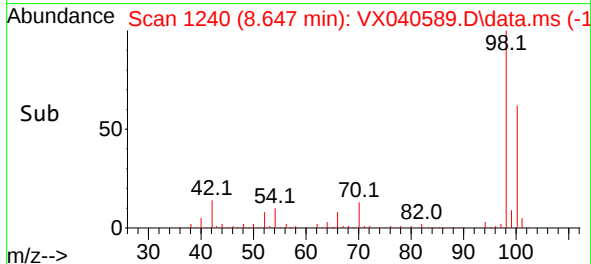
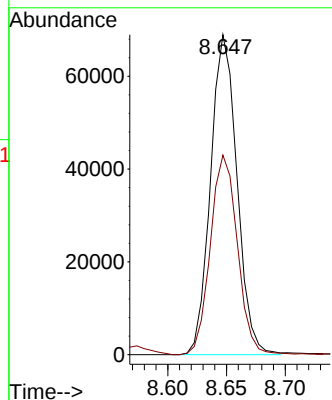
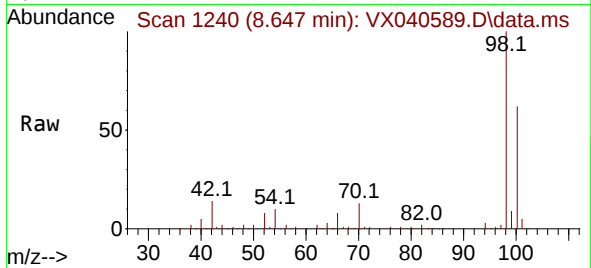
#63
Toluene-d8
Concen: 29.884 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

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

Tgt Ion: 98 Resp: 10812
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.4

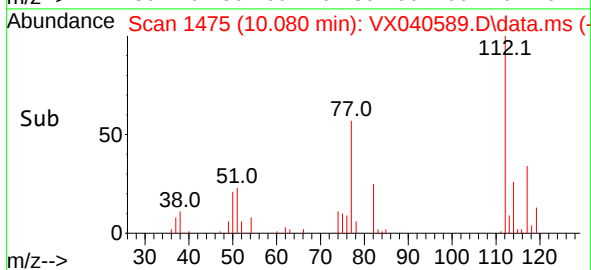
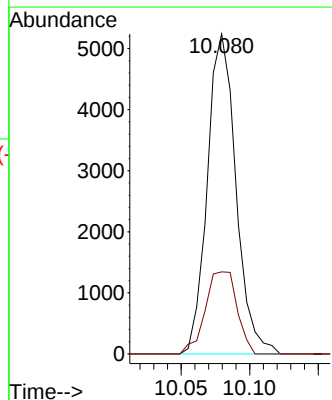
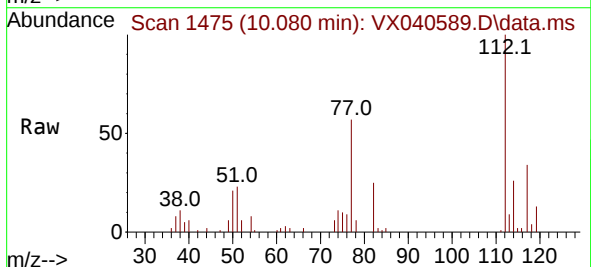
Manual Integrations
APPROVED

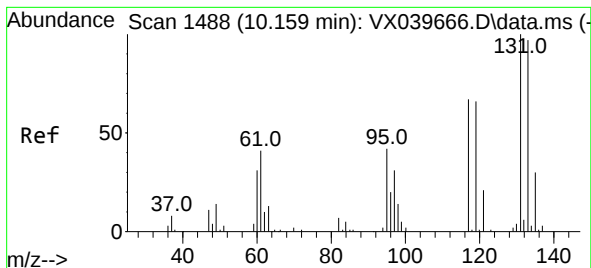
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#64
Chlorobenzene
Concen: 2.759 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

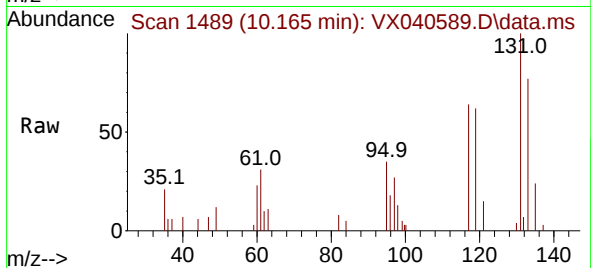
Tgt Ion:112 Resp: 7603
Ion Ratio Lower Upper
112 100
114 25.7 25.9 38.9#





#65
1,1,1,2-Tetrachloroethane
Concen: 2.486 ug/l
RT: 10.165 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

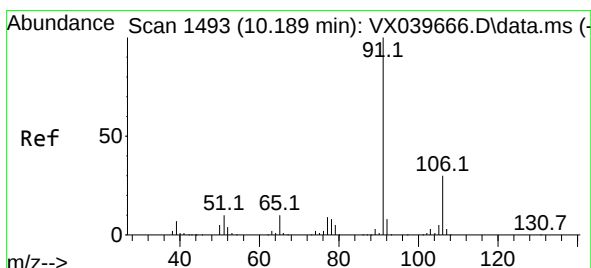
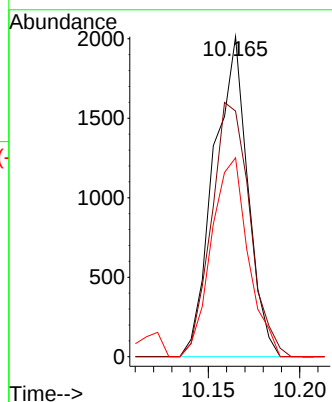
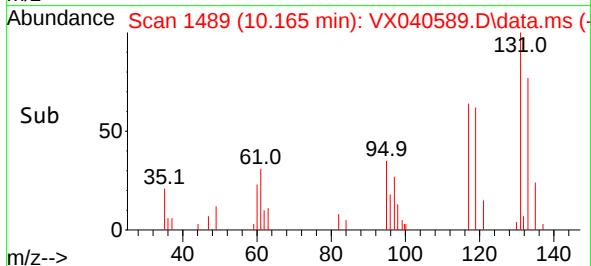
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:131 Resp: 261
Ion Ratio Lower Upper
131 100
133 89.3 0.0 191.8
119 67.2 0.0 135.4

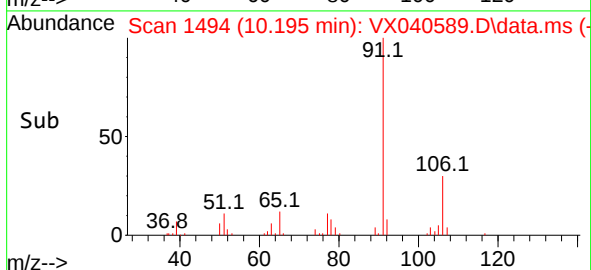
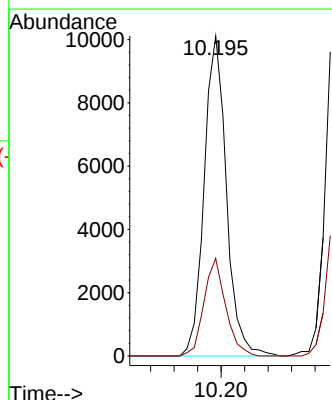
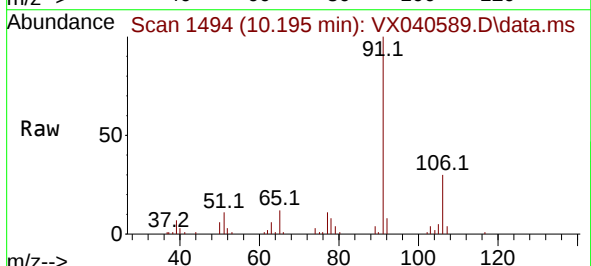
Manual Integrations
APPROVED

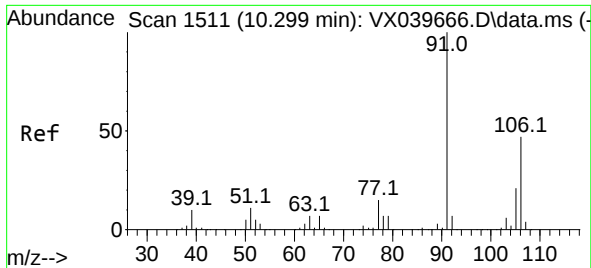
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#66
Ethyl Benzene
Concen: 2.555 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

Tgt Ion: 91 Resp: 13281
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6





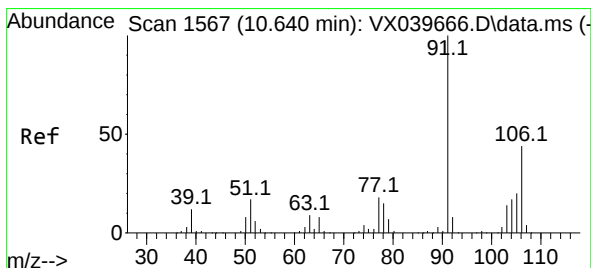
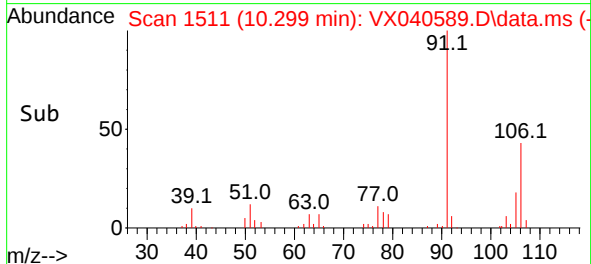
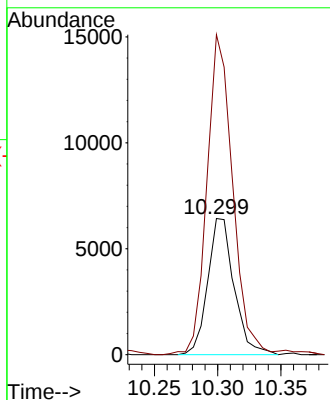
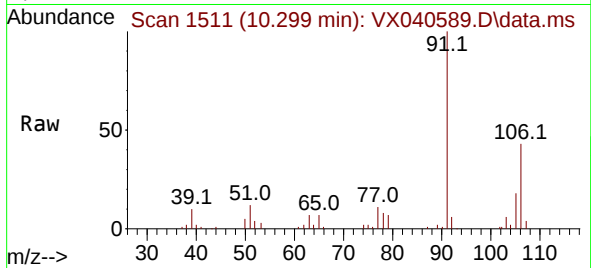
#67
m/p-Xylenes
Concen: 4.859 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

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

Tgt Ion:106 Resp: 9328
Ion Ratio Lower Upper
106 100
91 222.6 169.4 254.0

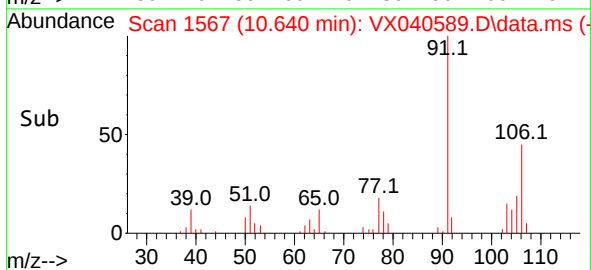
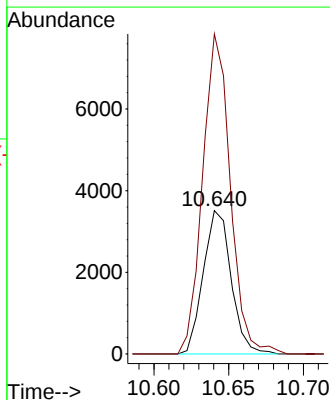
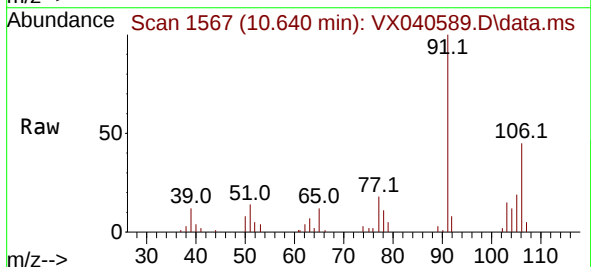
Manual Integrations
APPROVED

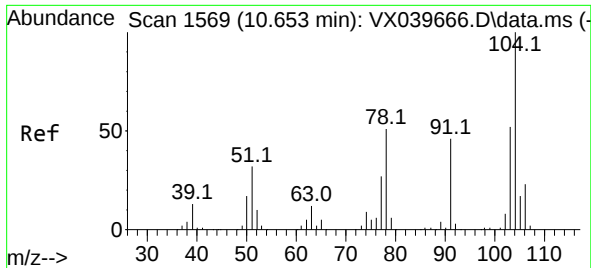
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#68
o-Xylene
Concen: 2.471 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

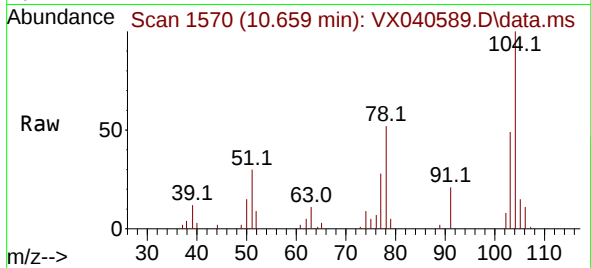
Tgt Ion:106 Resp: 4566
Ion Ratio Lower Upper
106 100
91 221.0 111.2 333.6





#69
Styrene
Concen: 2.344 ug/l
RT: 10.659 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

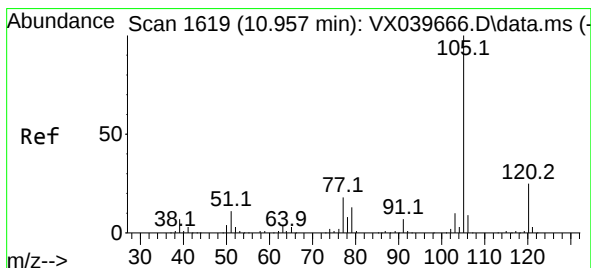
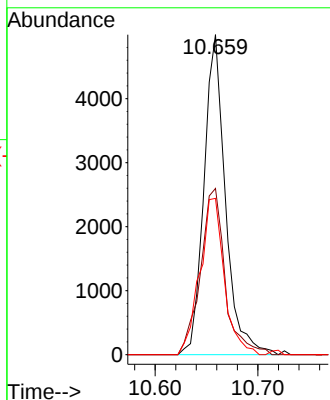
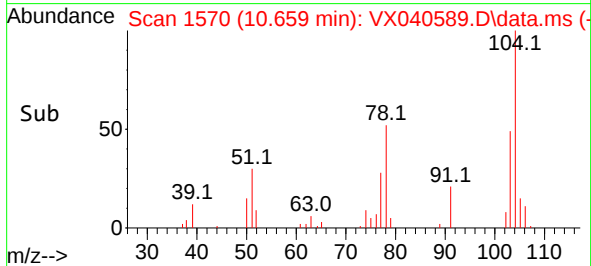
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



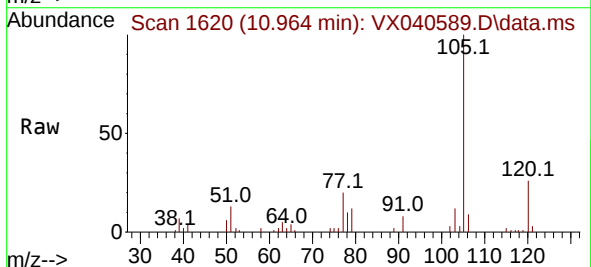
Tgt Ion:104 Resp: 7280
Ion Ratio Lower Upper
104 100
78 59.3 43.7 65.5
103 55.6 44.6 67.0

Manual Integrations
APPROVED

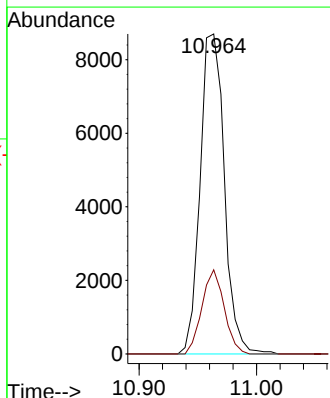
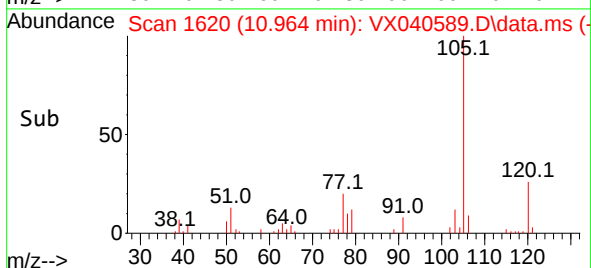
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

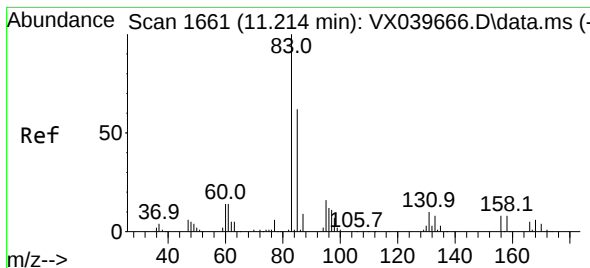


#70
Isopropylbenzene
Concen: 2.494 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.007 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27



Tgt Ion:105 Resp: 12455
Ion Ratio Lower Upper
105 100
120 24.2 18.5 34.3





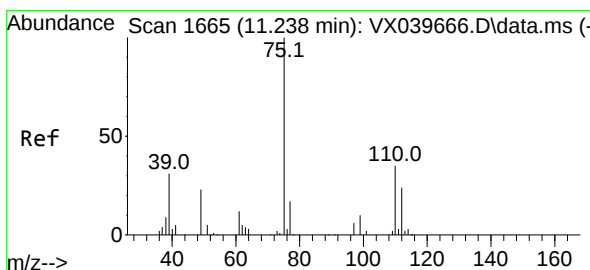
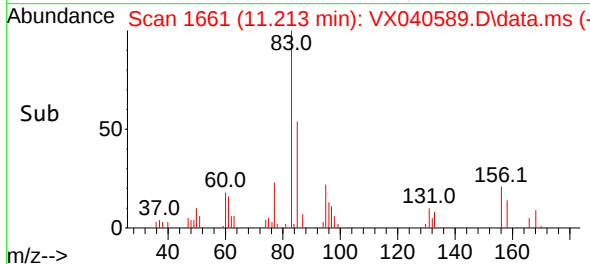
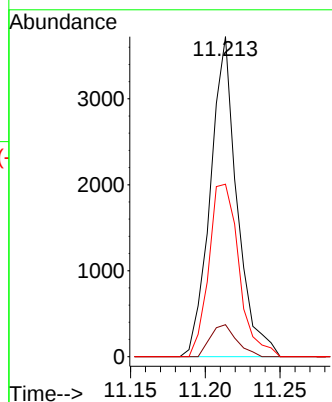
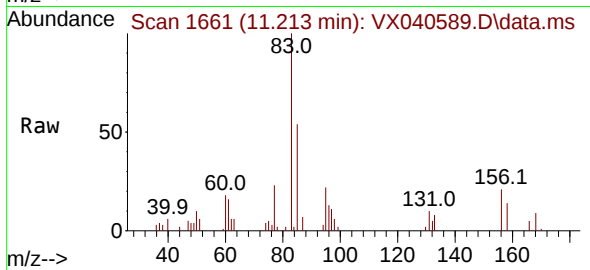
#71
1,1,2,2-Tetrachloroethane
Concen: 2.644 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

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

Tgt Ion: 83 Resp: 4629
Ion Ratio Lower Upper
83 100
131 9.9 4.6 13.8
85 60.7 32.5 97.4

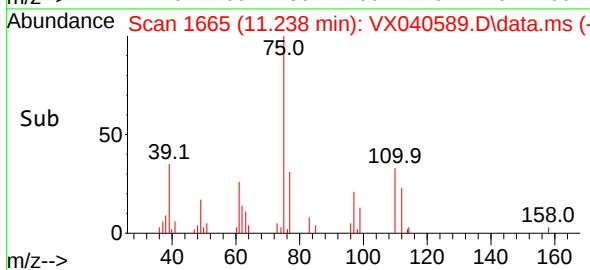
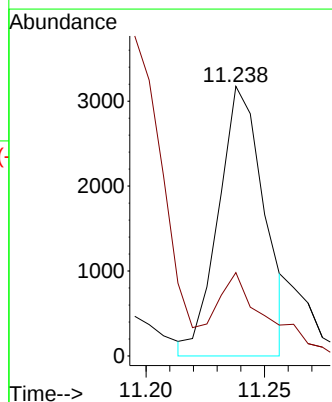
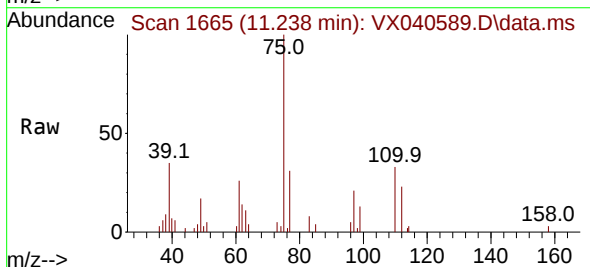
Manual Integrations
APPROVED

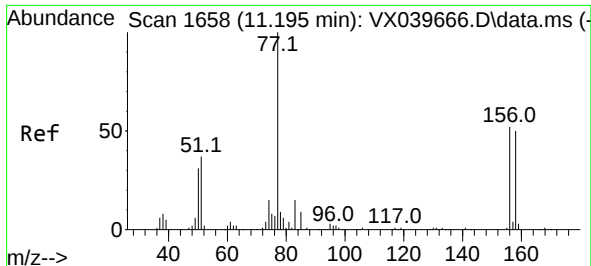
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#72
1,2,3-Trichloropropane
Concen: 2.695 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

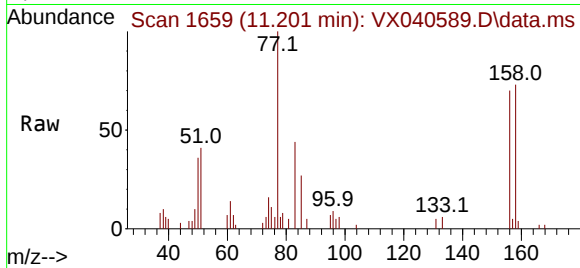
Tgt Ion: 75 Resp: 4245
Ion Ratio Lower Upper
75 100
77 35.4 0.0 76.4





#73
Bromobenzene
Concen: 2.730 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

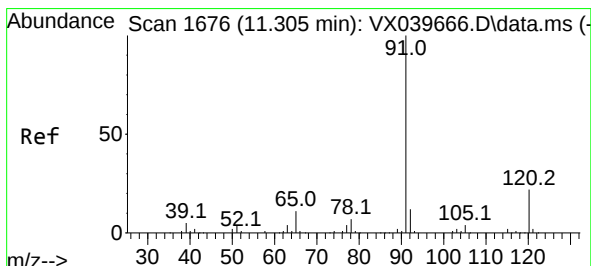
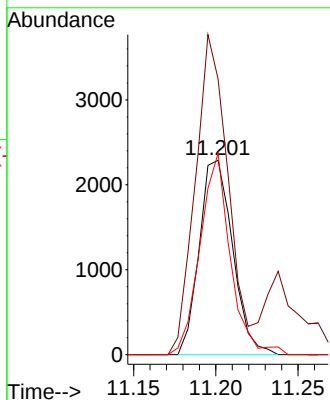
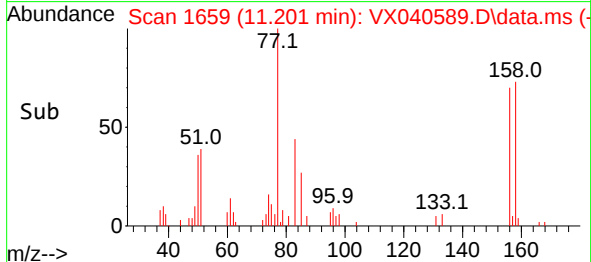
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



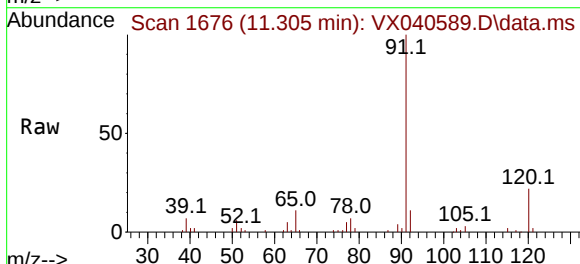
Tgt Ion	Ratio	Lower	Upper
156	100		
77	159.5	0.0	363.2
158	91.8	0.0	197.8

Manual Integrations
APPROVED

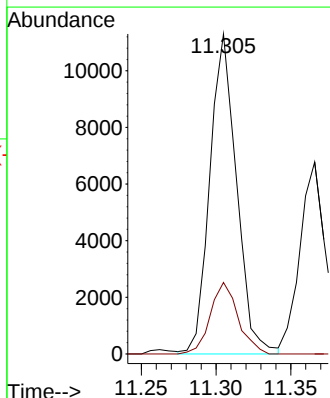
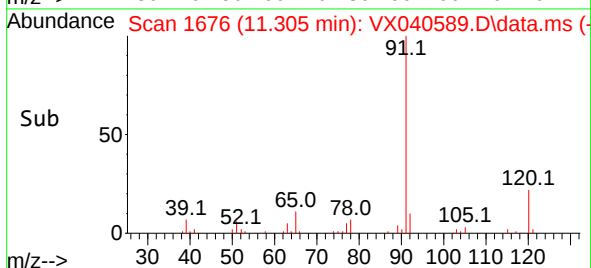
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

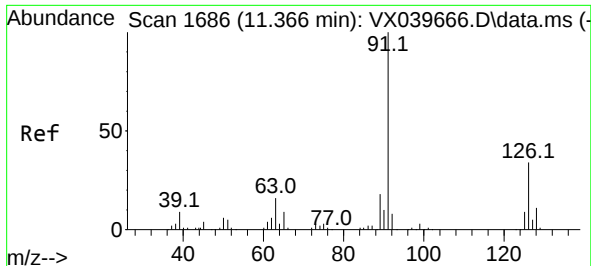


#74
n-propylbenzene
Concen: 2.279 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27



Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	0.0	43.4





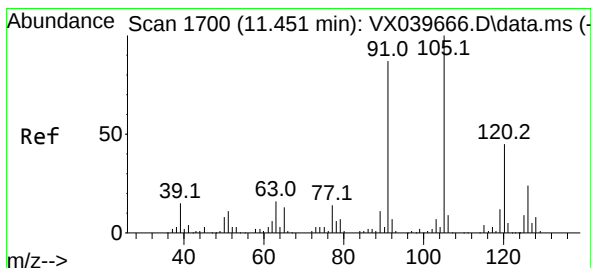
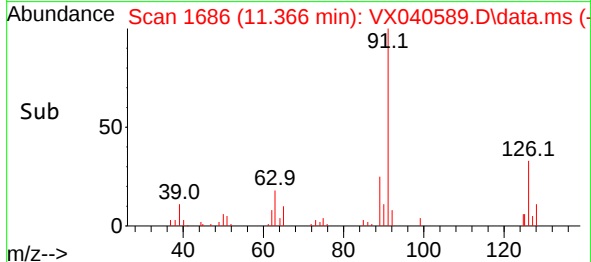
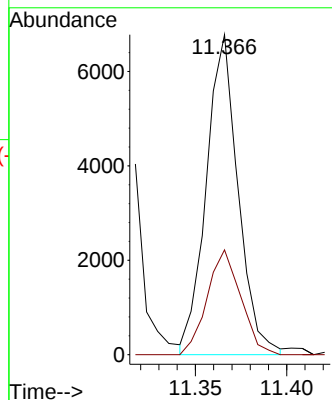
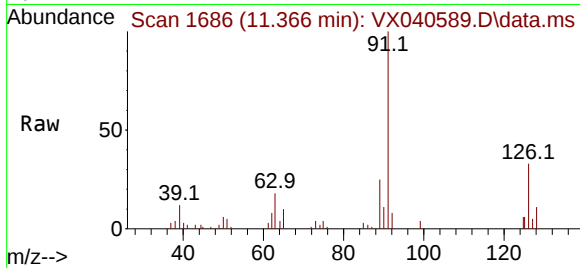
#75
2-Chlorotoluene
Concen: 2.245 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

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

Tgt Ion: 91 Resp: 8210
Ion Ratio Lower Upper
91 100
126 34.6 0.0 64.2

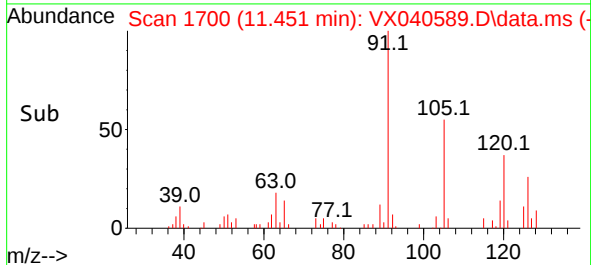
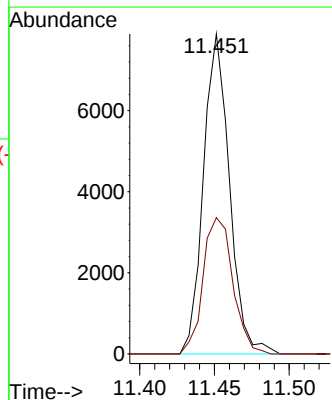
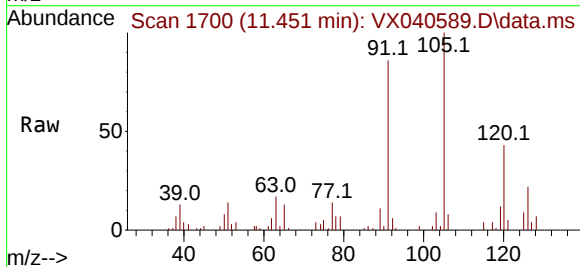
Manual Integrations
APPROVED

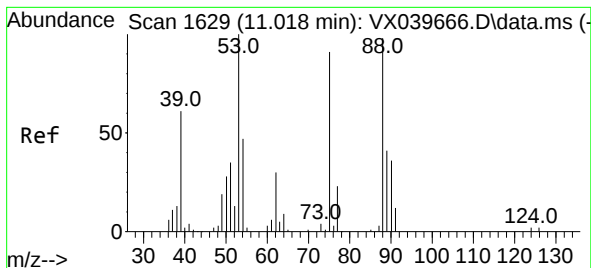
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#76
1,3,5-Trimethylbenzene
Concen: 2.173 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

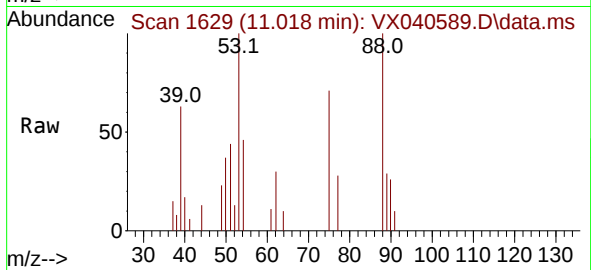
Tgt Ion:105 Resp: 9554
Ion Ratio Lower Upper
105 100
120 48.6 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 1.883 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

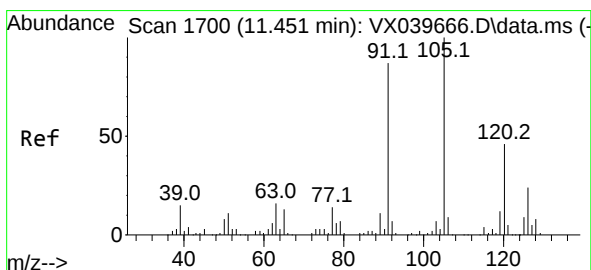
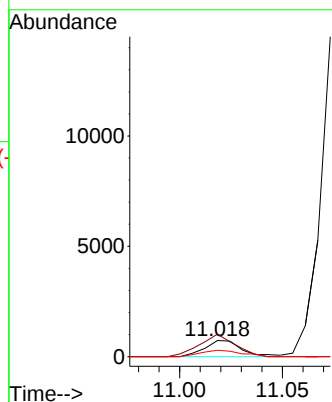
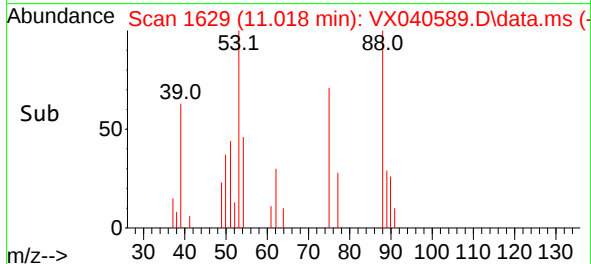
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 75 Resp: 92.0
Ion Ratio Lower Upper
75 100
53 139.8 46.9 140.8
89 40.1 21.3 63.7

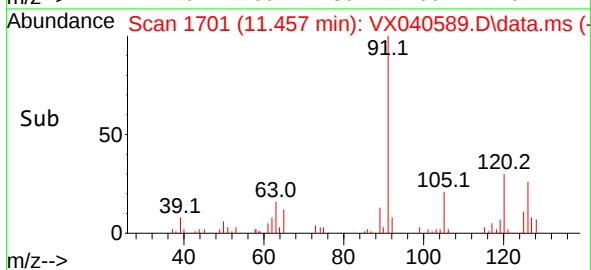
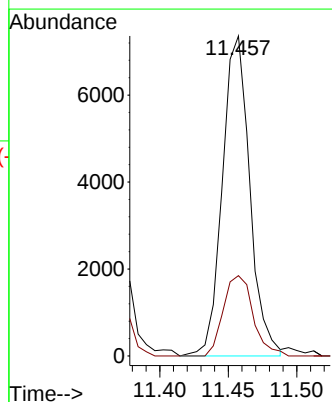
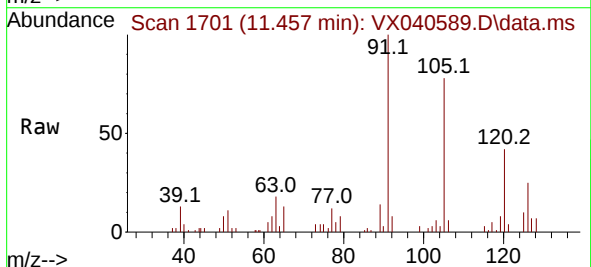
Manual Integrations
APPROVED

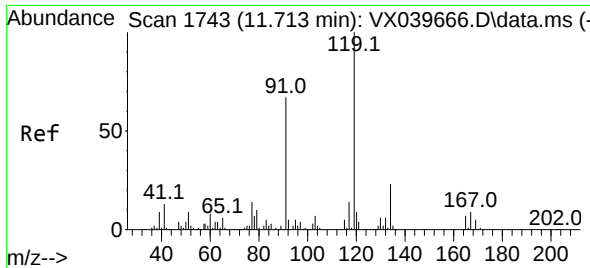
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#78
4-Chlorotoluene
Concen: 2.346 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

Tgt Ion: 91 Resp: 10242
Ion Ratio Lower Upper
91 100
126 27.2 0.0 57.4





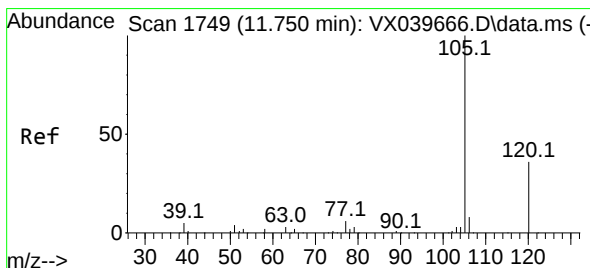
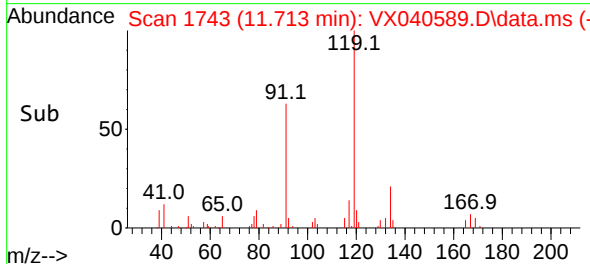
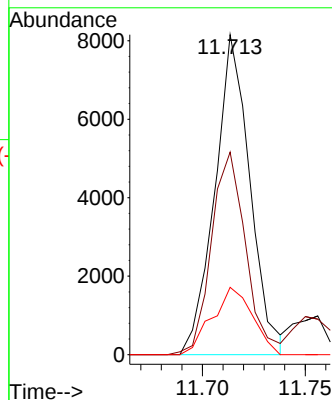
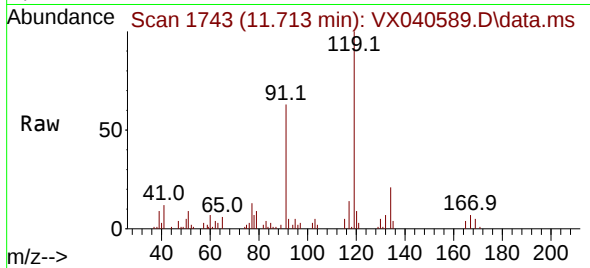
#79
tert-butylbenzene
Concen: 2.363 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

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

Tgt Ion:119 Resp: 969
Ion Ratio Lower Upper
119 100
91 61.9 0.0 125.6
134 24.2 0.0 43.8

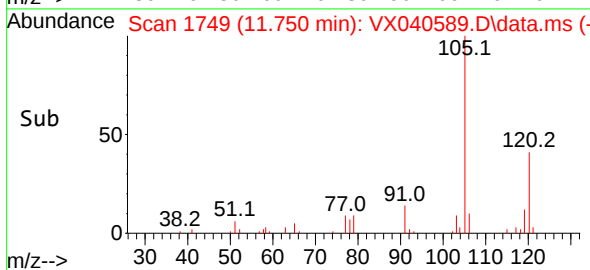
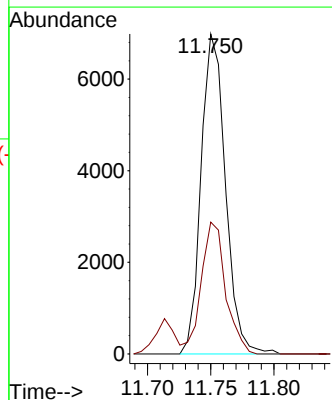
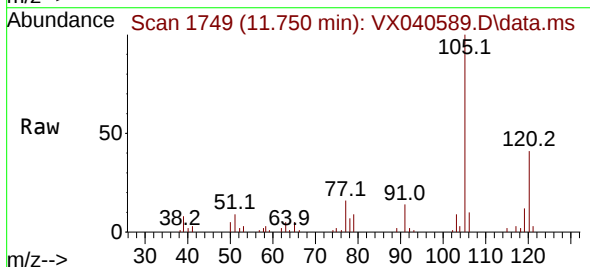
Manual Integrations
APPROVED

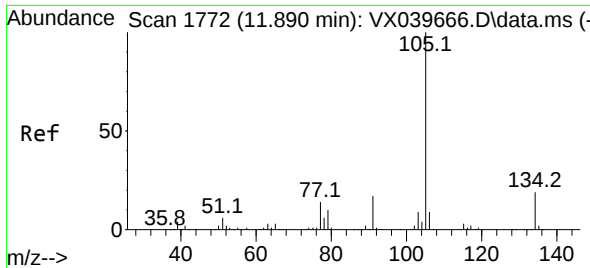
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#80
1,2,4-Trimethylbenzene
Concen: 2.165 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

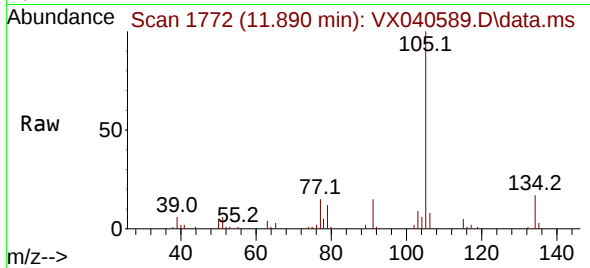
Tgt Ion:105 Resp: 9378
Ion Ratio Lower Upper
105 100
120 41.3 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 2.199 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040589.D
 Acq: 05 Mar 2024 15:27

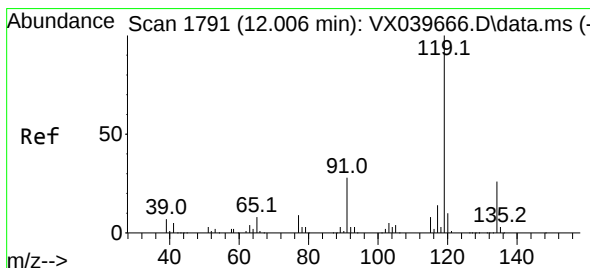
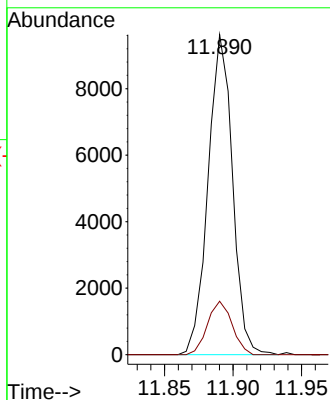
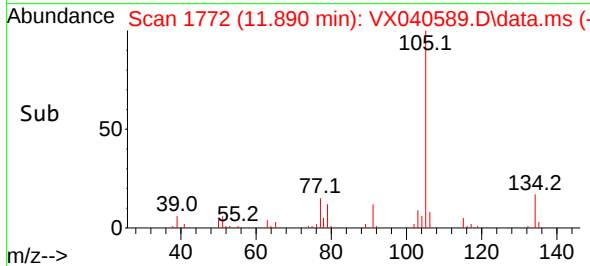
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024



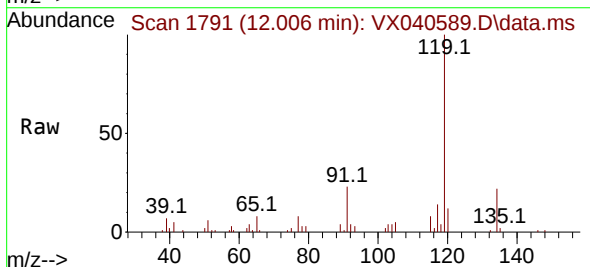
Tgt Ion:105 Resp: 11914
 Ion Ratio Lower Upper
 105 100
 134 16.8 0.0 38.4

Manual Integrations
 APPROVED

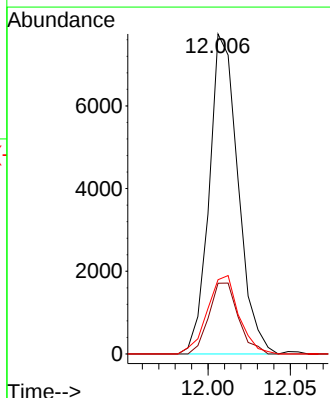
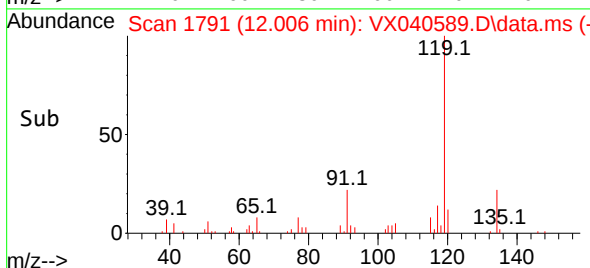
Reviewed By :John Carlone 03/06/2024
 Supervised By :Mahesh Dadoda 03/06/2024

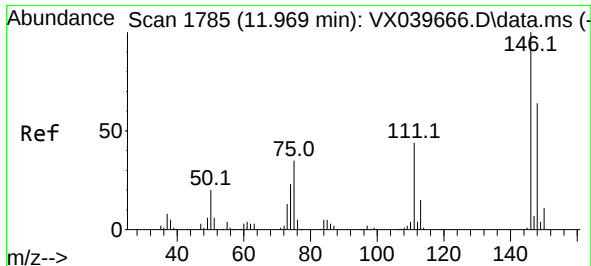


#82
 p-Isopropyltoluene
 Concen: 2.126 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040589.D
 Acq: 05 Mar 2024 15:27



Tgt Ion:119 Resp: 9426
 Ion Ratio Lower Upper
 119 100
 134 22.7 0.0 52.6
 91 26.8 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 2.194 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040589.D

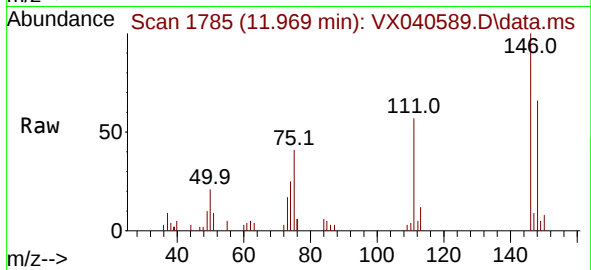
Acq: 05 Mar 2024 15:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



Tgt Ion:146 Resp: 5040

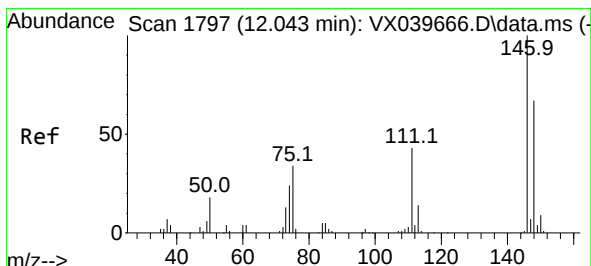
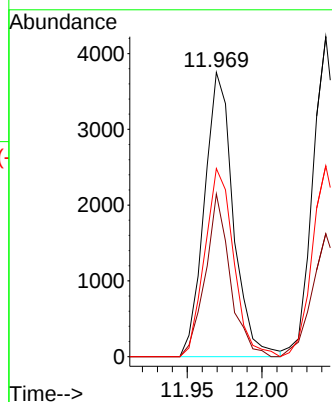
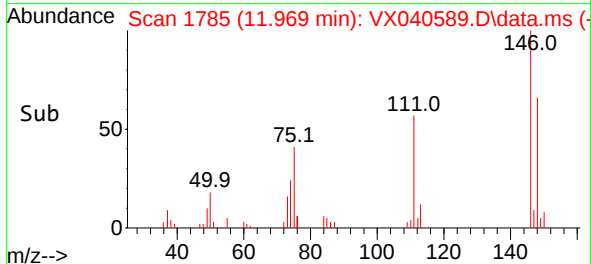
Ion	Ratio	Lower	Upper
146	100		
111	49.0	22.3	66.9
148	66.0	32.8	98.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#84

1,4-Dichlorobenzene

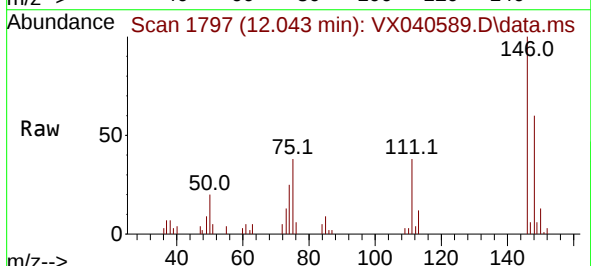
Concen: 2.242 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

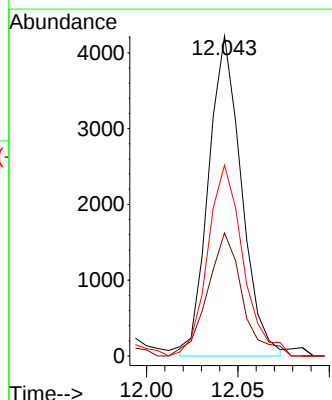
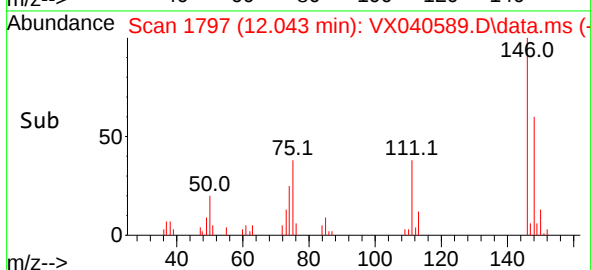
Lab File: VX040589.D

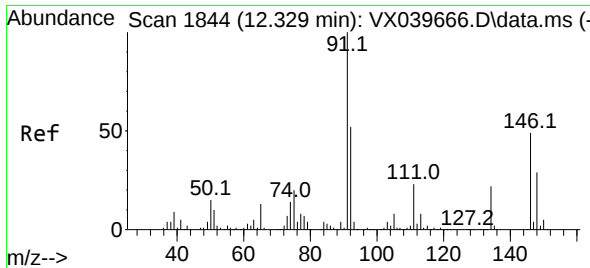
Acq: 05 Mar 2024 15:27



Tgt Ion:146 Resp: 5274

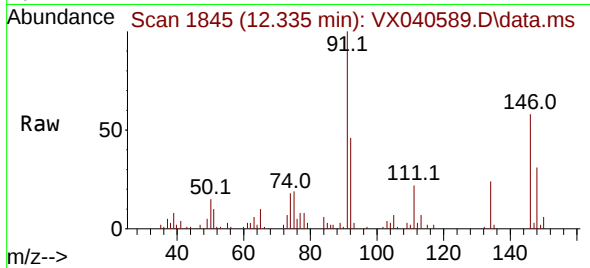
Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.4	64.2
148	64.2	31.8	95.4





#85
n-Butylbenzene
Concen: 2.209 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

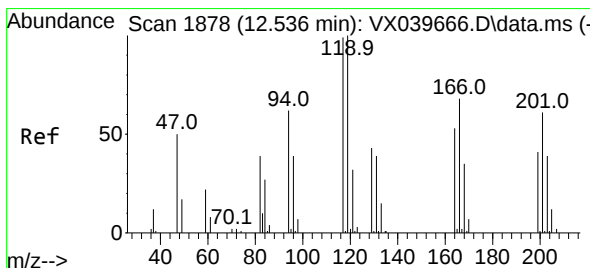
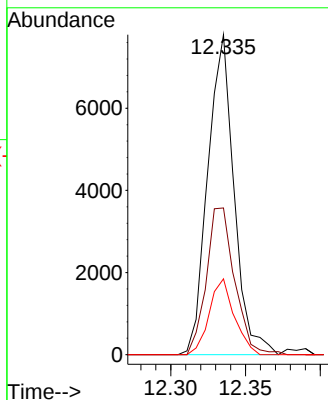
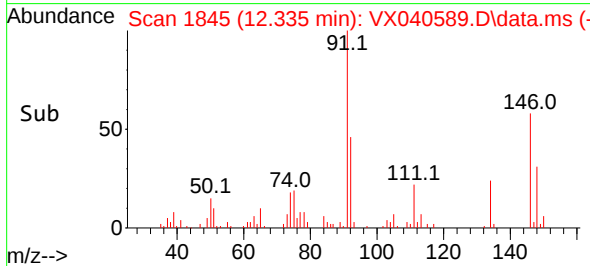
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 91 Resp: 953
Ion Ratio Lower Upper
91 100
92 49.4 0.0 106.2
134 22.6 0.0 48.8

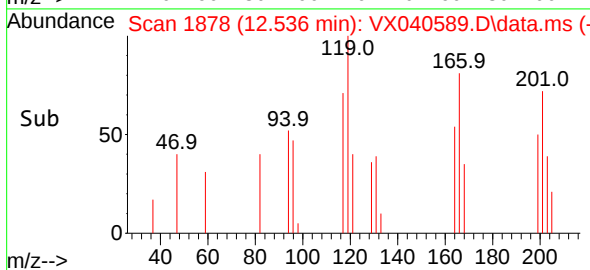
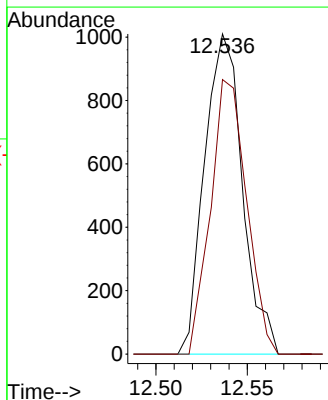
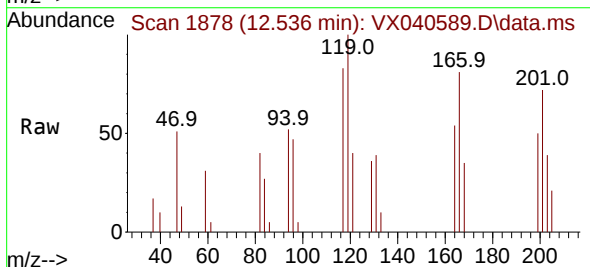
Manual Integrations
APPROVED

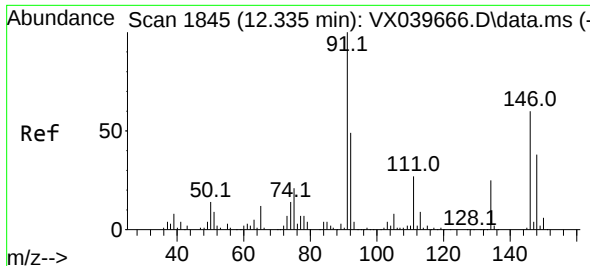
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024



#86
Hexachloroethane
Concen: 1.885 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

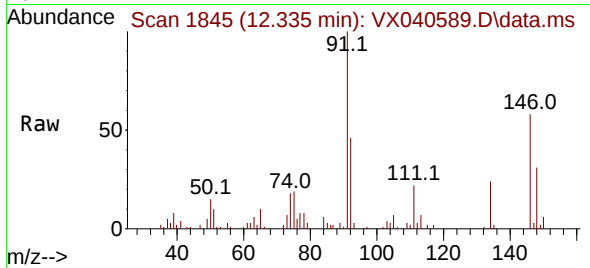
Tgt Ion:117 Resp: 1459
Ion Ratio Lower Upper
117 100
201 81.6 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 2.413 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

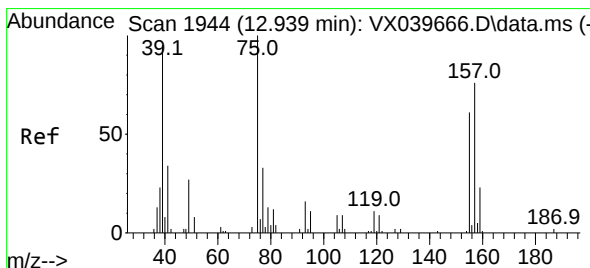
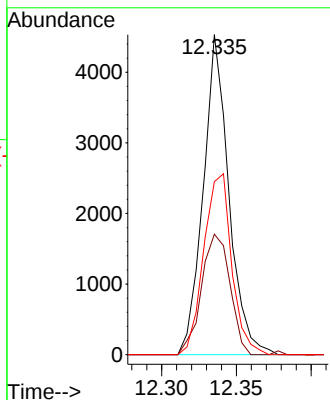
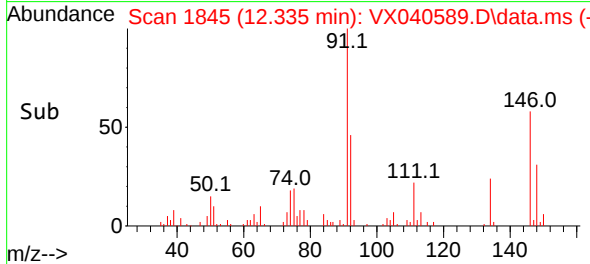
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



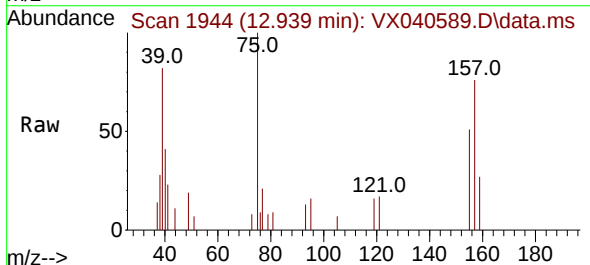
Tgt Ion:146 Resp: 5394
Ion Ratio Lower Upper
146 100
111 42.0 22.4 67.2
148 61.8 31.9 95.7

Manual Integrations
APPROVED

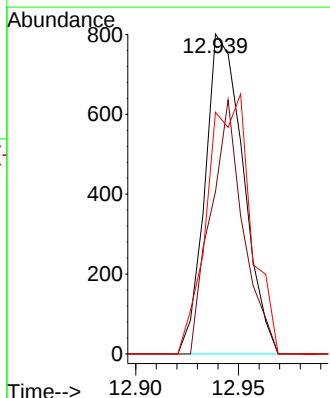
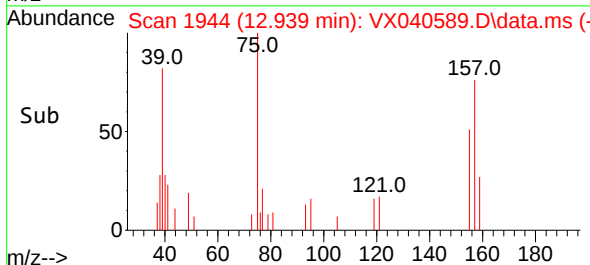
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

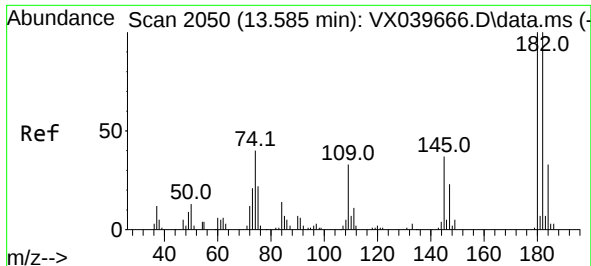


#88
1,2-Dibromo-3-Chloropropane
Concen: 2.213 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27



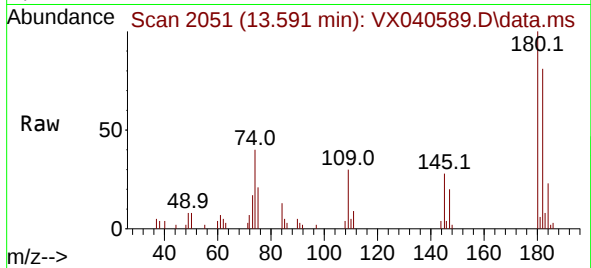
Tgt Ion: 75 Resp: 1036
Ion Ratio Lower Upper
75 100
155 67.6 58.2 87.4
157 91.8 76.5 114.7





#89
1,2,4-Trichlorobenzene
Concen: 2.542 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27

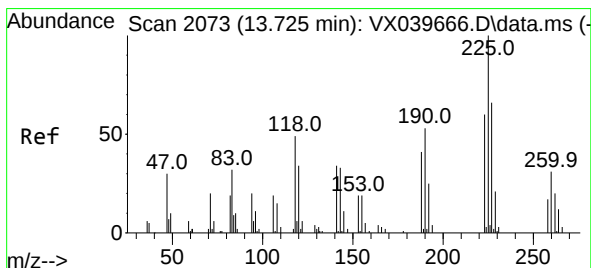
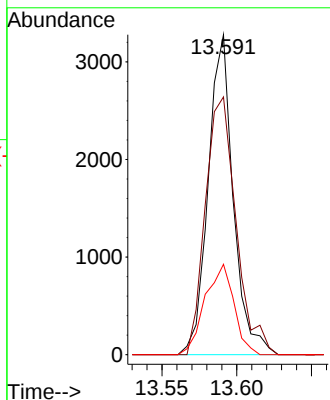
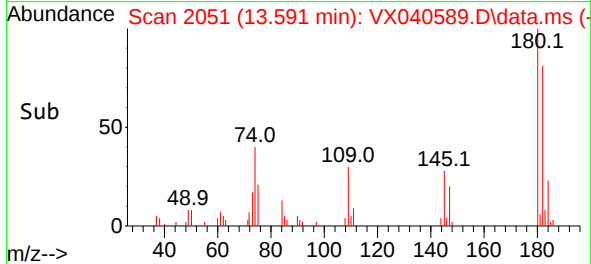
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



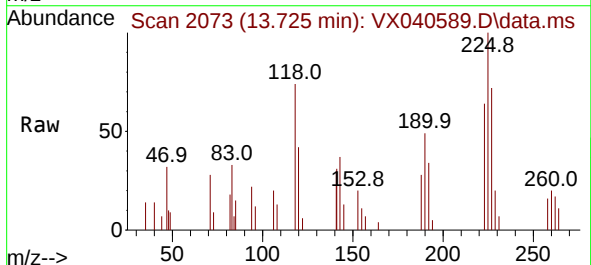
Tgt Ion:180 Resp: 3820
Ion Ratio Lower Upper
180 100
182 98.2 74.5 111.7
145 32.6 26.6 40.0

Manual Integrations
APPROVED

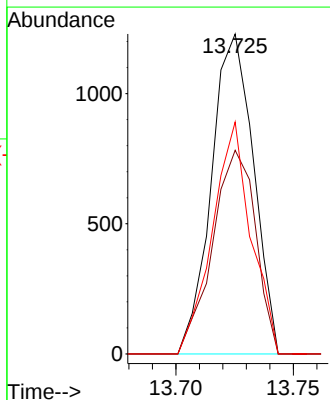
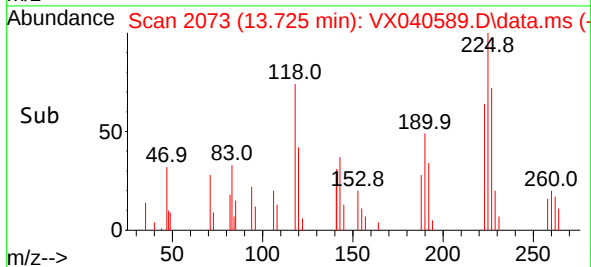
Reviewed By :John Carlone 03/06/2024
Supervised By :Mahesh Dadoda 03/06/2024

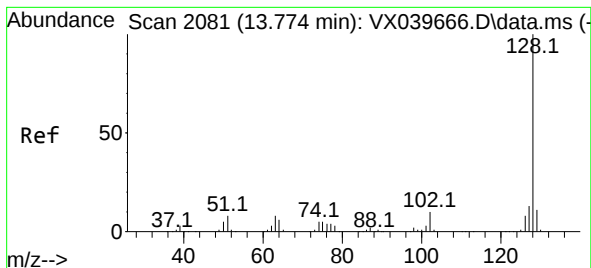


#90
Hexachlorobutadiene
Concen: 2.514 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040589.D
Acq: 05 Mar 2024 15:27



Tgt Ion:225 Resp: 1530
Ion Ratio Lower Upper
225 100
223 65.2 0.0 124.4
227 66.6 0.0 124.4





#91

Naphthalene

Concen: 2.236 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX040589.D

Acq: 05 Mar 2024 15:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

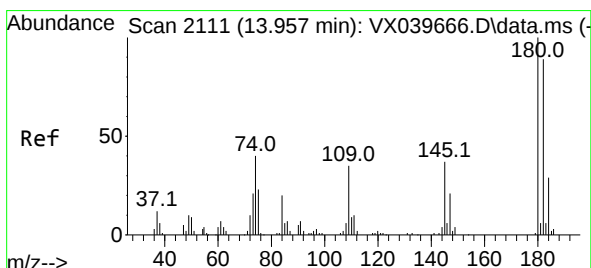
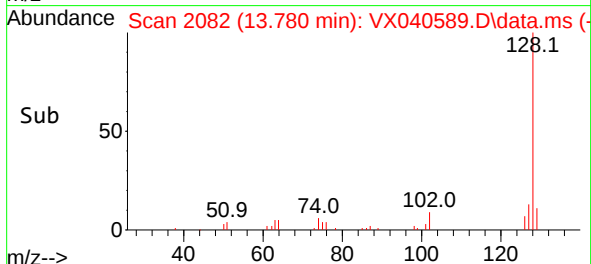
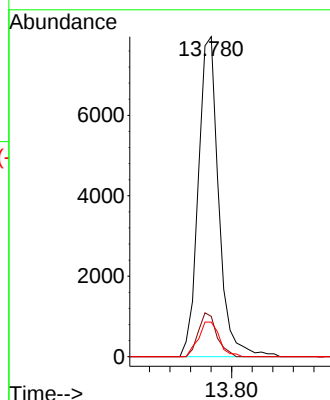
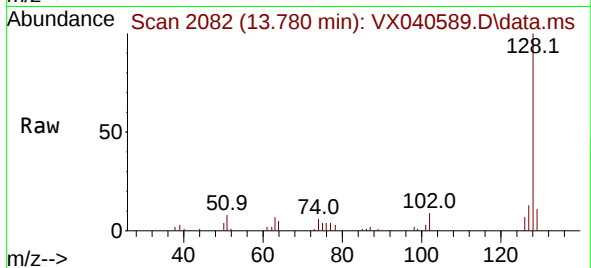
Tgt Ion:128	Resp:	10970
Ion Ratio	Lower	Upper
128	100	
127	12.4	10.2 15.2
129	11.1	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2024

Supervised By :Mahesh Dadoda 03/06/2024



#92

1,2,3-Trichlorobenzene

Concen: 2.596 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040589.D

Acq: 05 Mar 2024 15:27

Tgt Ion:180	Resp:	3853
Ion Ratio	Lower	Upper
180	100	
182	93.3	0.0 191.6
145	33.0	0.0 69.6

