

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040023.D
 Acq On : 30 Jan 2024 16:49
 Operator : JC/MD
 Sample : P1187-07 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jan 31 06:41:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 06:40:20 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	84447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	153610	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64173	47.218	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.440%		
35) Dibromofluoromethane	5.385	113	48536	46.416	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.840%		
50) Toluene-d8	8.647	98	177327	45.346	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.700%#		
62) 4-Bromofluorobenzene	11.079	95	61543	40.872	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	81.740%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	321	0.337	ug/l #	41
3) Chloromethane	1.295	50	450	0.499	ug/l #	43
4) Vinyl Chloride	1.374	62	399	0.478	ug/l	97
5) Bromomethane	1.618	94	325	0.401	ug/l	84
6) Chloroethane	1.691	64	251	0.456	ug/l #	72
7) Trichlorofluoromethane	1.892	101	629	0.474	ug/l #	60
8) Diethyl Ether	2.136	74	217	0.462	ug/l #	24
9) 1,1,2-Trichlorotrifluo...	2.325	101	532	0.537	ug/l #	77
10) Methyl Iodide	2.459	142	420	0.398	ug/l #	78
11) Tert butyl alcohol	2.953	59	690	2.798	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	429	0.452	ug/l #	74
13) Acrolein	2.239	56	574	2.429	ug/l	97
14) Allyl chloride	2.666	41	719	0.420	ug/l	88
15) Acrylonitrile	3.062	53	1273	2.061	ug/l	93
16) Acetone	2.380	43	1554	2.440	ug/l #	86
17) Carbon Disulfide	2.514	76	1631	0.587	ug/l	97
18) Methyl Acetate	2.703	43	642	0.426	ug/l #	86
19) Methyl tert-butyl Ether	3.123	73	1292	0.397	ug/l	95
20) Methylene Chloride	2.788	84	643	0.568	ug/l #	80
21) trans-1,2-Dichloroethene	3.099	96	529	0.506	ug/l #	69
22) Diisopropyl ether	3.757	45	1362	0.411	ug/l #	57
23) Vinyl Acetate	3.733	43	5361	1.806	ug/l	99
24) 1,1-Dichloroethane	3.611	63	795	0.419	ug/l #	83
25) 2-Butanone	4.580	43	1732m	1.957	ug/l	
26) 2,2-Dichloropropane	4.477	77	430	0.290	ug/l #	66
27) cis-1,2-Dichloroethene	4.507	96	498	0.427	ug/l	77
28) Bromochloromethane	4.898	49	328m	0.370	ug/l	
29) Tetrahydrofuran	5.038	42	1126m	2.001	ug/l	
30) Chloroform	5.105	83	786	0.385	ug/l	90
31) Cyclohexane	5.471	56	711m	0.418	ug/l	
32) 1,1,1-Trichloroethane	5.397	97	630m	0.360	ug/l	
36) 1,1-Dichloropropene	5.708	75	808	0.534	ug/l #	54
37) Ethyl Acetate	4.739	43	758m	0.459	ug/l	
38) Carbon Tetrachloride	5.678	117	602	0.416	ug/l #	59
39) Methylcyclohexane	7.385	83	680	0.370	ug/l #	74
40) Benzene	6.044	78	1711	0.388	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	304m	0.363	ug/l	
42) 1,2-Dichloroethane	6.092	62	746	0.440	ug/l #	77
43) Isopropyl Acetate	6.336	43	903m	0.347	ug/l	
44) Trichloroethene	7.135	130	482	0.416	ug/l	83
45) 1,2-Dichloropropane	7.446	63	422	0.363	ug/l #	81
46) Dibromomethane	7.598	93	352	0.403	ug/l	92
47) Bromodichloromethane	7.824	83	662	0.426	ug/l #	68
48) Methyl methacrylate	7.708	41	297	0.231	ug/l #	36
49) 1,4-Dioxane	7.684	88	227	8.142	ug/l #	50
51) 4-Methyl-2-Pentanone	8.574	43	3248	1.827	ug/l	97
52) Toluene	8.720	92	1252	0.456	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	615	0.381	ug/l #	43
54) cis-1,3-Dichloropropene	8.373	75	658	0.382	ug/l #	74
55) 1,1,2-Trichloroethane	9.153	97	390	0.343	ug/l #	83
56) Ethyl methacrylate	9.122	69	429	0.259	ug/l #	62
57) 1,3-Dichloropropane	9.311	76	659	0.352	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.251	63	1602	1.920	ug/l	98
59) 2-Hexanone	9.439	43	2371	1.673	ug/l	99
60) Dibromochloromethane	9.525	129	400	0.350	ug/l	84
61) 1,2-Dibromoethane	9.610	107	529	0.431	ug/l	81
64) Tetrachloroethene	9.269	164	417	0.467	ug/l #	75
65) Chlorobenzene	10.079	112	1496	0.527	ug/l #	80
66) 1,1,1,2-Tetrachloroethane	10.165	131	393	0.410	ug/l #	55
67) Ethyl Benzene	10.201	91	1987	0.390	ug/l #	83
68) m/p-Xylenes	10.305	106	1546	0.807	ug/l	93
69) o-Xylene	10.640	106	776	0.427	ug/l	96
70) Styrene	10.659	104	978	0.319	ug/l	88
71) Bromoform	10.799	173	311	0.424	ug/l #	71
73) Isopropylbenzene	10.963	105	1758	0.394	ug/l	100
74) N-amyl acetate	10.854	43	575	0.283	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	11.207	83	661	0.394	ug/l #	94
76) 1,2,3-Trichloropropane	11.238	75	615m	0.465	ug/l	
77) Bromobenzene	11.201	156	500	0.486	ug/l	89
78) n-propylbenzene	11.305	91	2381	0.434	ug/l	99
79) 2-Chlorotoluene	11.366	91	1552	0.469	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	1511	0.394	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	100m	0.235	ug/l	
82) 4-Chlorotoluene	11.457	91	1711	0.451	ug/l	90
83) tert-Butylbenzene	11.713	119	1371	0.373	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	1407	0.368	ug/l	93
85) sec-Butylbenzene	11.890	105	1858	0.382	ug/l	96
86) p-Isopropyltoluene	12.006	119	1557	0.392	ug/l #	77
87) 1,3-Dichlorobenzene	11.969	146	1051	0.506	ug/l	91
88) 1,4-Dichlorobenzene	12.043	146	1195m	0.562	ug/l	
89) n-Butylbenzene	12.335	91	1635	0.424	ug/l	95
90) Hexachloroethane	12.530	117	182	0.290	ug/l	73
91) 1,2-Dichlorobenzene	12.335	146	863	0.431	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	100	0.263	ug/l #	45
93) 1,2,4-Trichlorobenzene	13.591	180	673	0.538	ug/l	93
94) Hexachlorobutadiene	13.719	225	236	0.479	ug/l	73
95) Naphthalene	13.780	128	1726	0.406	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	556	0.449	ug/l	93

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QLast Update : Wed Jan 31 06:40:20 2024
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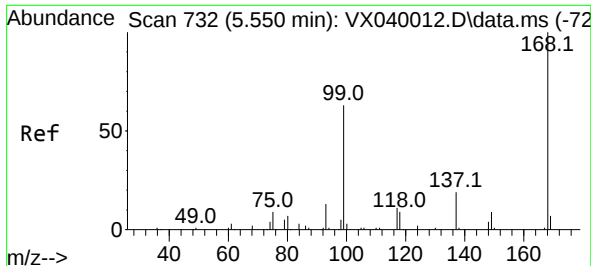
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

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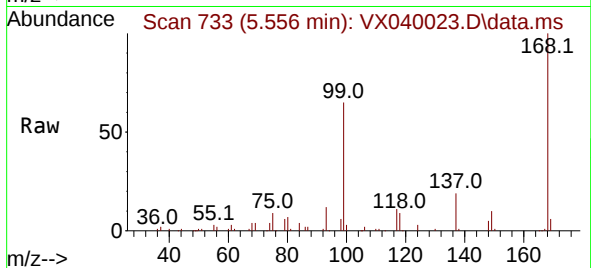
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040023.D
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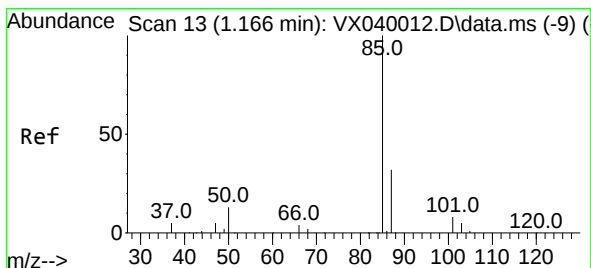
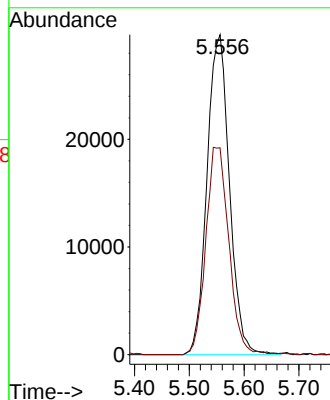
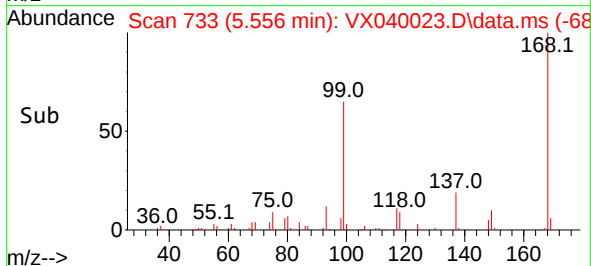
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:168 Resp: 8444
Ion Ratio Lower Upper
168 100
99 64.7 56.6 85.0

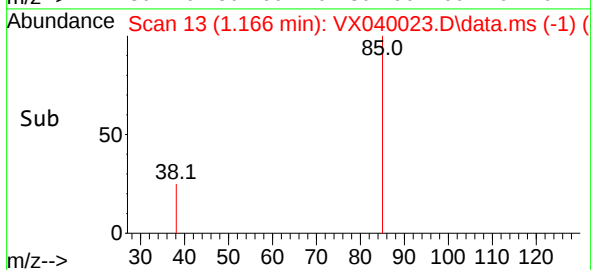
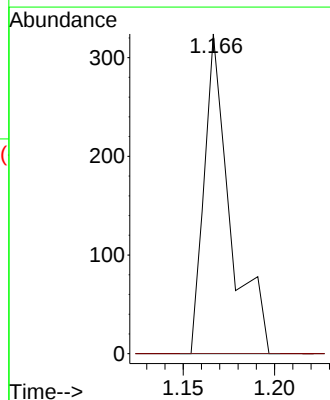
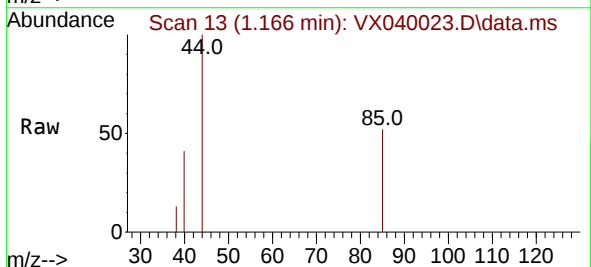
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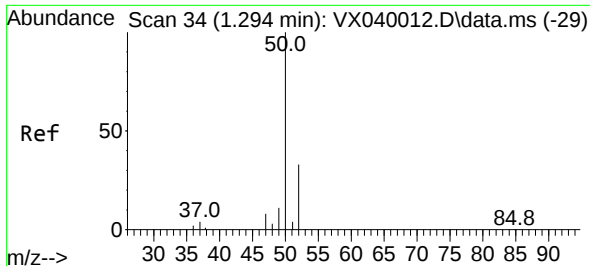
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#2
Dichlorodifluoromethane
Concen: 0.337 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

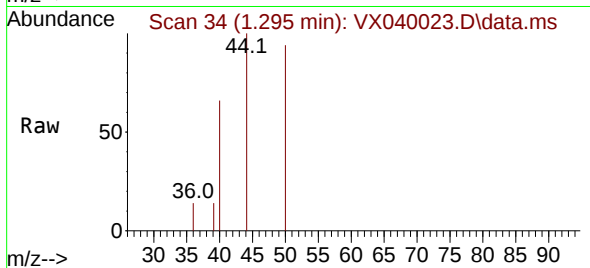
Tgt Ion: 85 Resp: 321
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#





#3
Chloromethane
Concen: 0.499 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

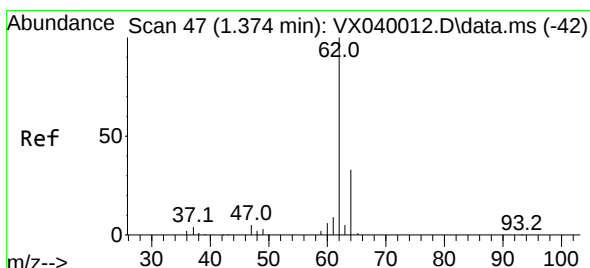
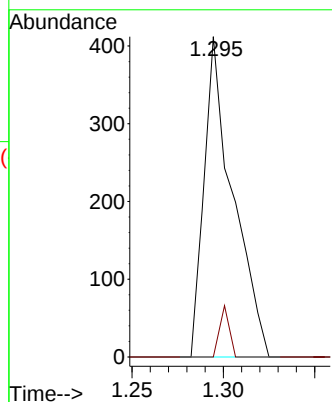
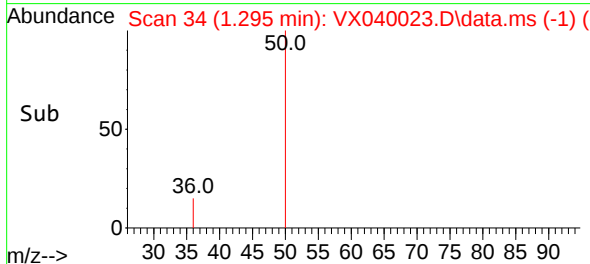
Instrument :
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LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 50 Resp: 450
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3

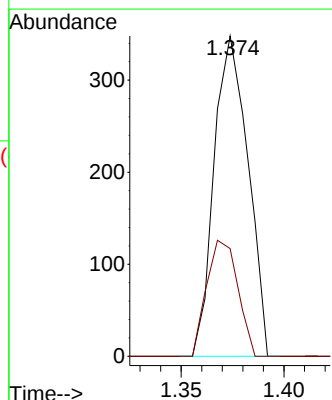
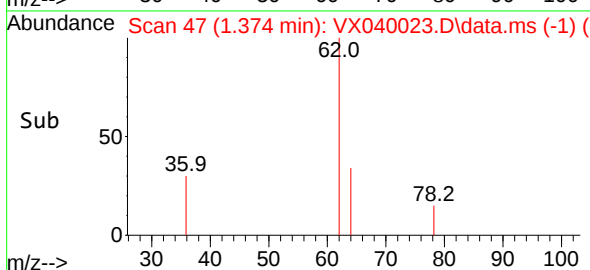
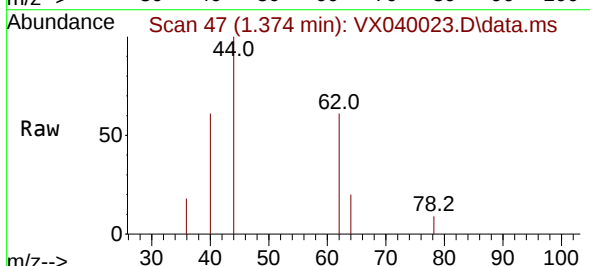
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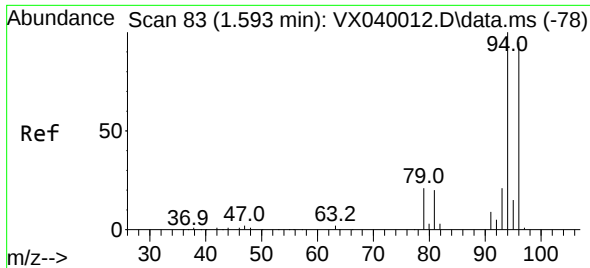
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#4
Vinyl Chloride
Concen: 0.478 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

Tgt Ion: 62 Resp: 399
Ion Ratio Lower Upper
62 100
64 33.6 25.4 38.0





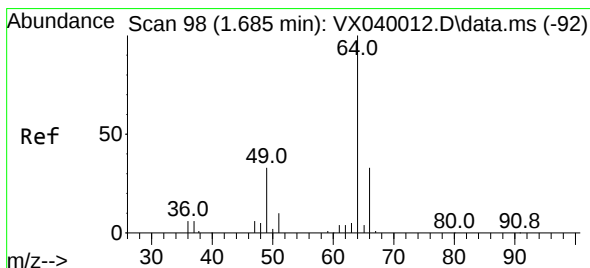
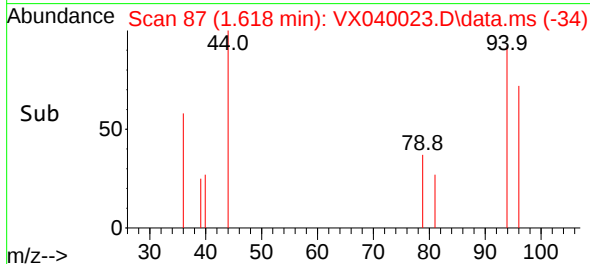
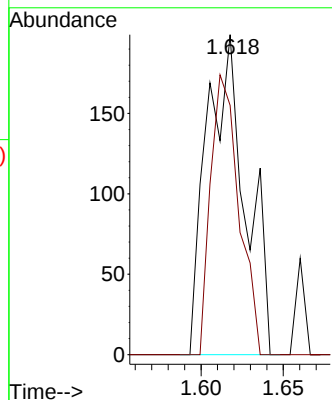
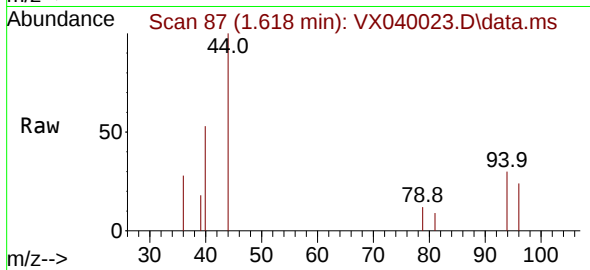
#5
Bromomethane
Concen: 0.401 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.024 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

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

Tgt Ion: 94 Resp: 325
Ion Ratio Lower Upper
94 100
96 77.9 74.6 111.8

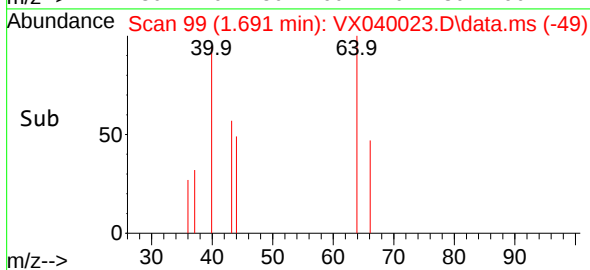
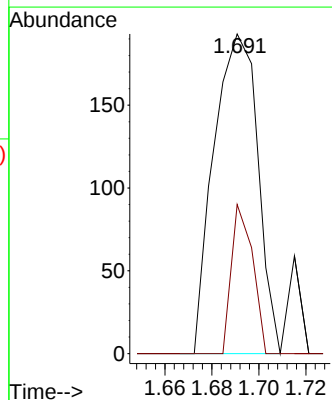
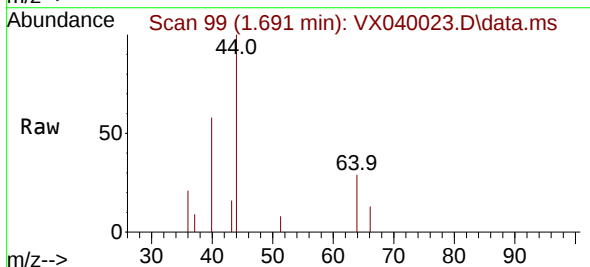
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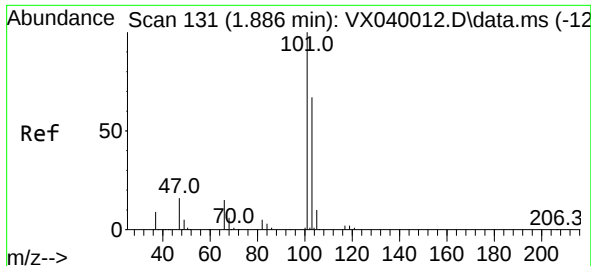
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#6
Chloroethane
Concen: 0.456 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX040023.D
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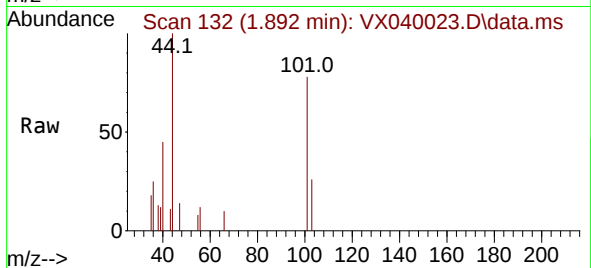
Tgt Ion: 64 Resp: 251
Ion Ratio Lower Upper
64 100
66 46.6 25.1 37.7





#7
Trichlorofluoromethane
Concen: 0.474 ug/l
RT: 1.892 min Scan# 131
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

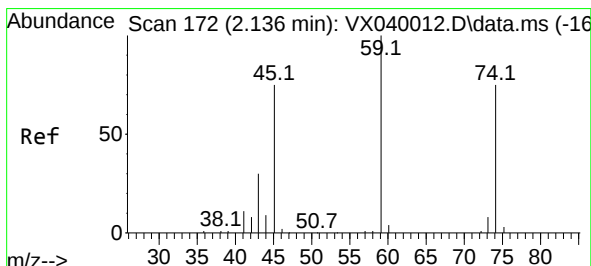
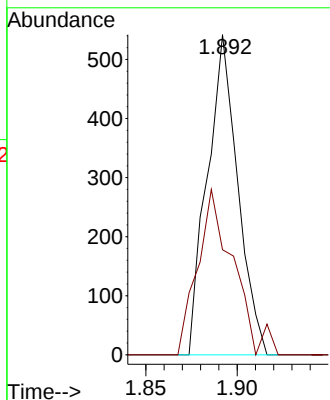
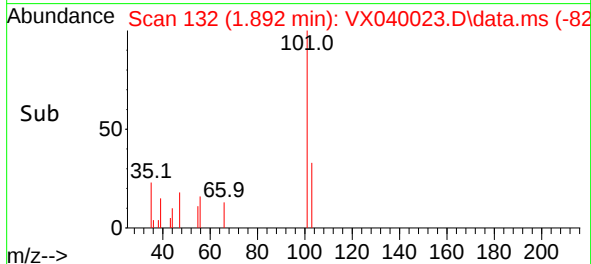
Instrument :
MSVOA_X
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LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 101 Resp: 629
Ion Ratio Lower Upper
101 100
103 32.8 51.4 77.2

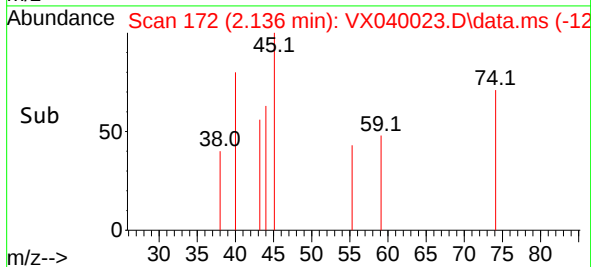
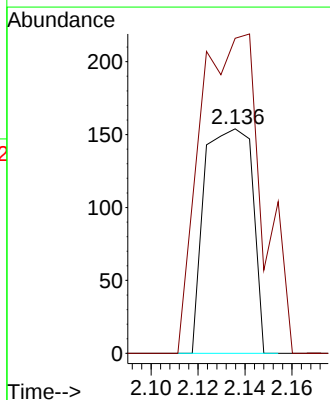
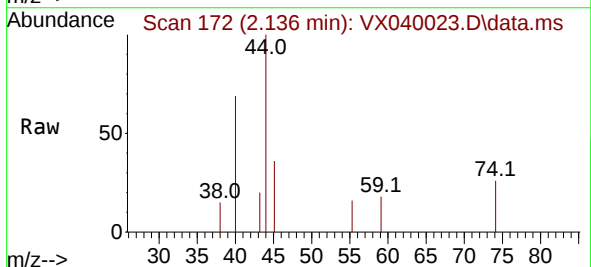
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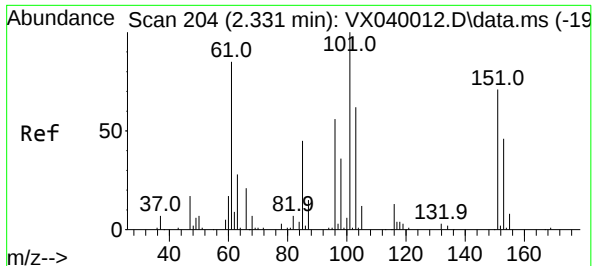
Reviewed By : John Carlone 01/31/2024
Supervised By : Semsettin Yesilyurt 01/31/2024



#8
Diethyl Ether
Concen: 0.462 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

Tgt Ion: 74 Resp: 217
Ion Ratio Lower Upper
74 100
45 184.8 53.3 159.8





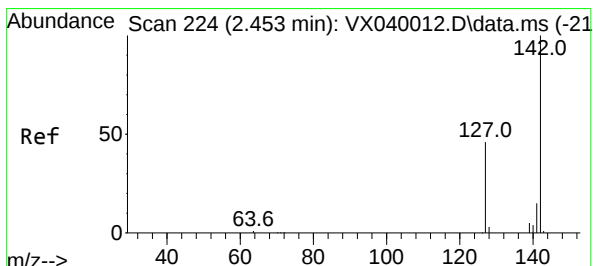
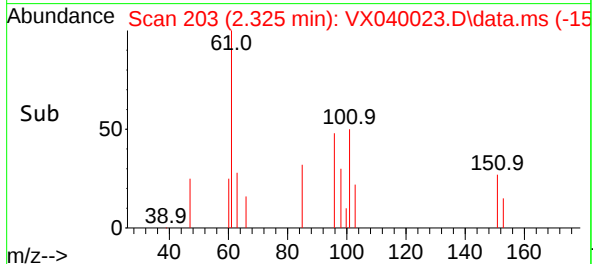
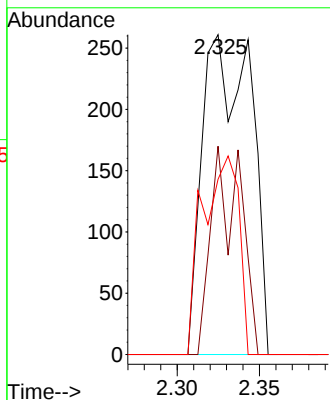
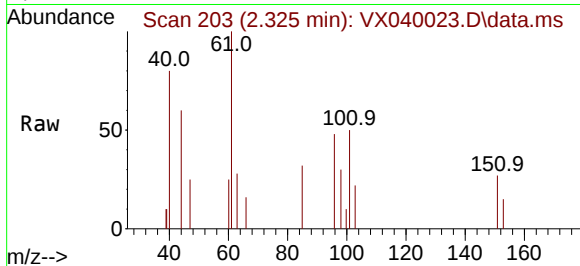
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.537 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

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

Tgt Ion:101 Resp: 532
Ion Ratio Lower Upper
101 100
85 39.7 37.0 55.6
151 46.8 58.6 87.8

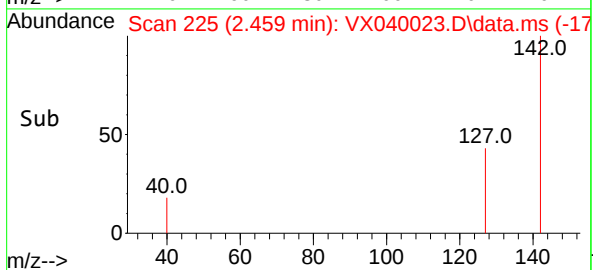
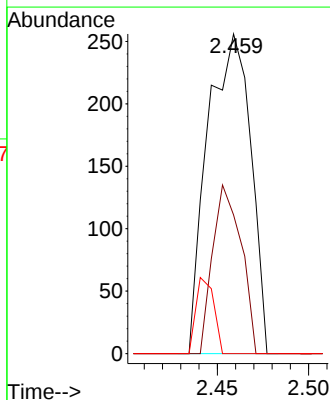
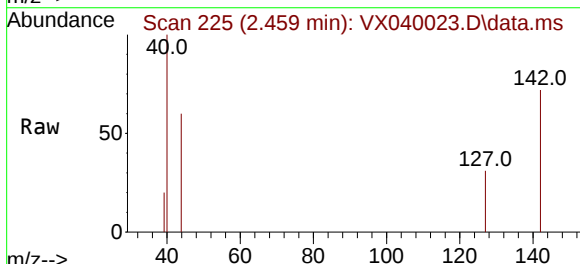
Manual Integrations
APPROVED

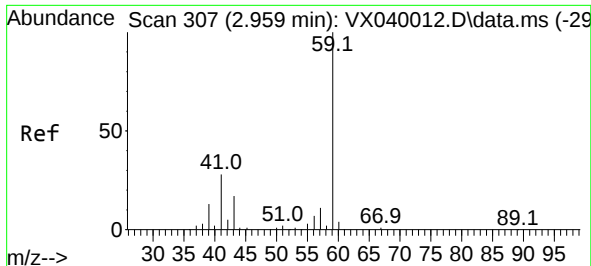
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#10
Methyl Iodide
Concen: 0.398 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

Tgt Ion:142 Resp: 420
Ion Ratio Lower Upper
142 100
127 34.8 41.6 62.4#
141 9.8 11.6 17.4#





#11

Tert butyl alcohol

Concen: 2.798 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX040023.D

Acq: 30 Jan 2024 16:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

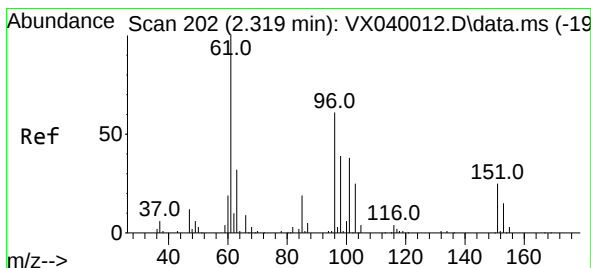
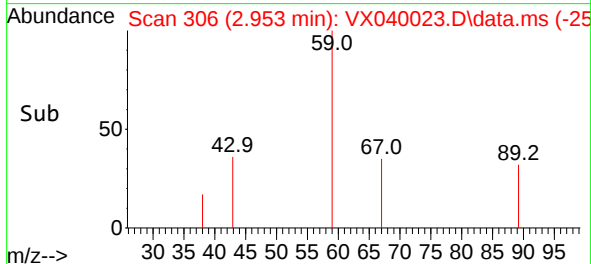
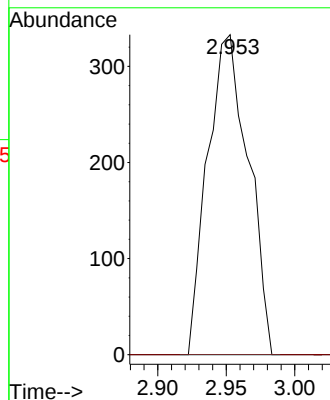
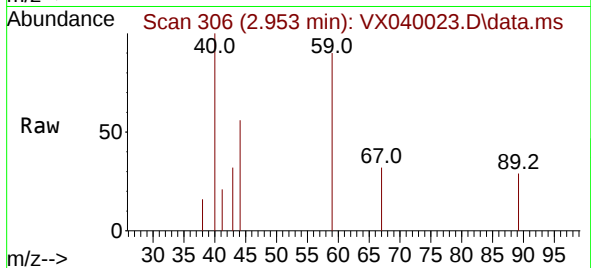
Tgt Ion: 59 Resp: 690
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#12

1,1-Dichloroethene

Concen: 0.452 ug/l

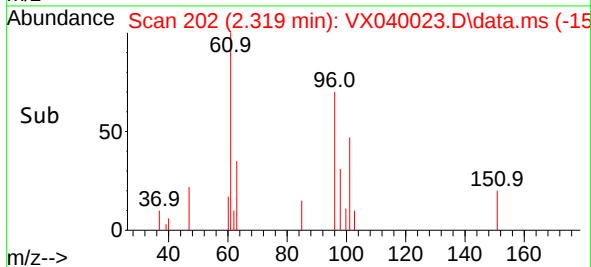
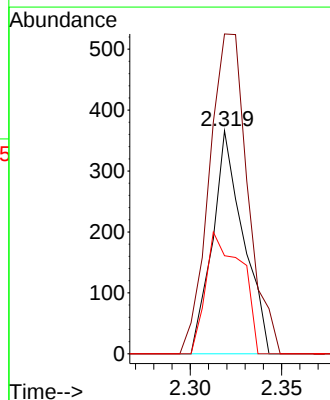
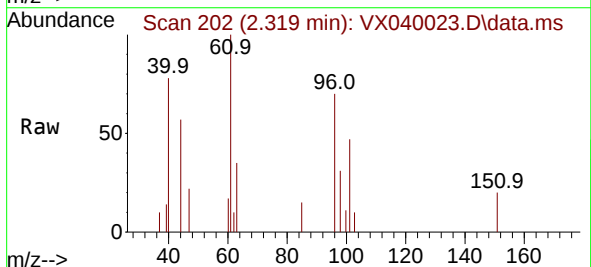
RT: 2.319 min Scan# 202

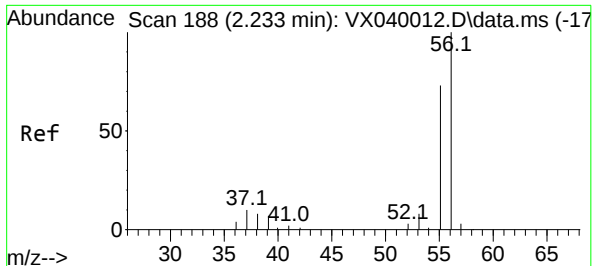
Delta R.T. 0.000 min

Lab File: VX040023.D

Acq: 30 Jan 2024 16:49

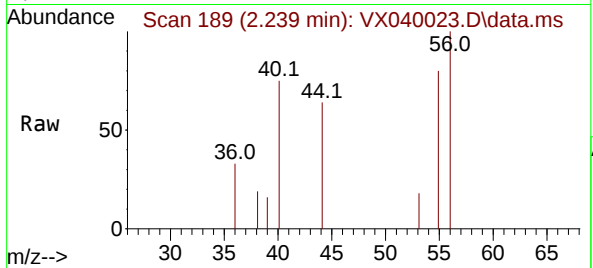
Tgt Ion: 96 Resp: 429
 Ion Ratio Lower Upper
 96 100
 61 143.4 144.6 216.8#
 98 44.0 50.4 75.6#





#13
Acrolein
Concen: 2.429 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

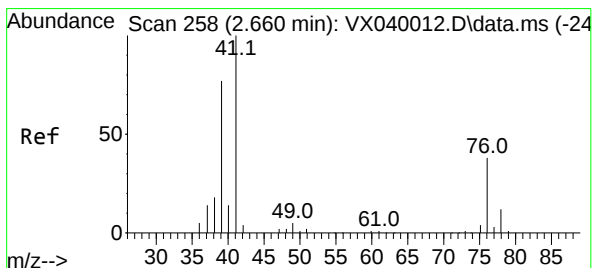
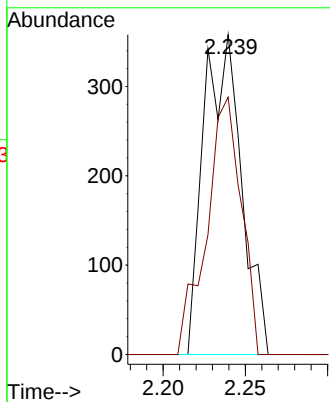
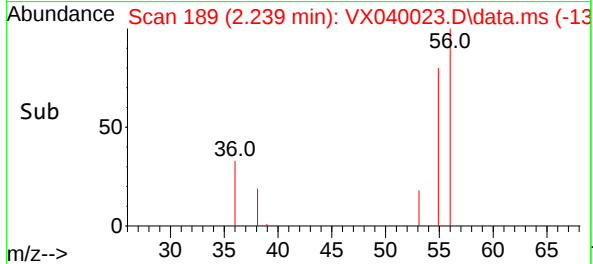
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 56 Resp: 574
Ion Ratio Lower Upper
56 100
55 73.9 57.1 85.7

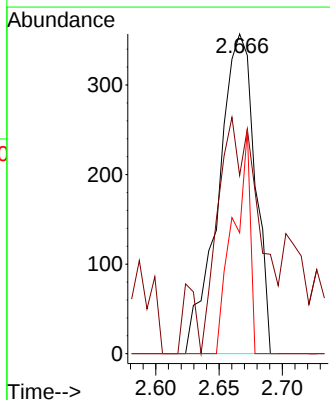
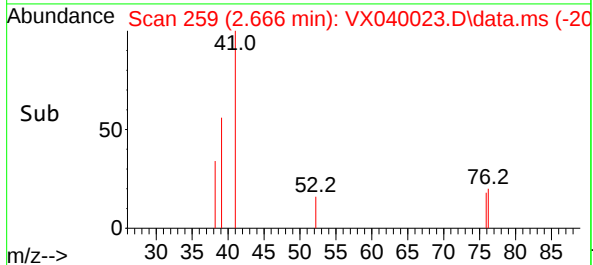
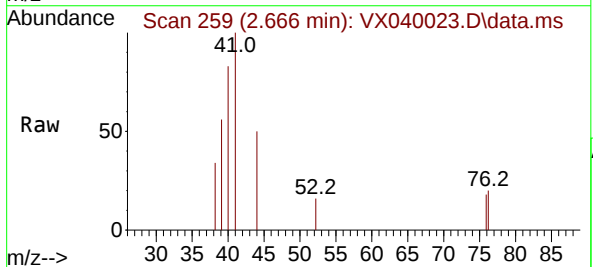
Manual Integrations
APPROVED

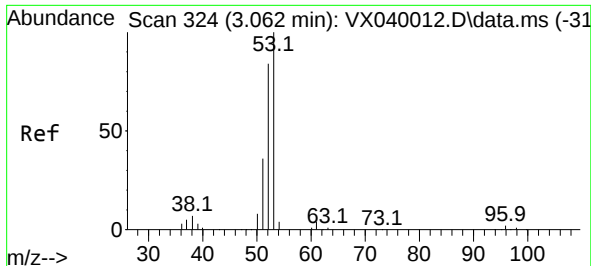
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#14
Allyl chloride
Concen: 0.420 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

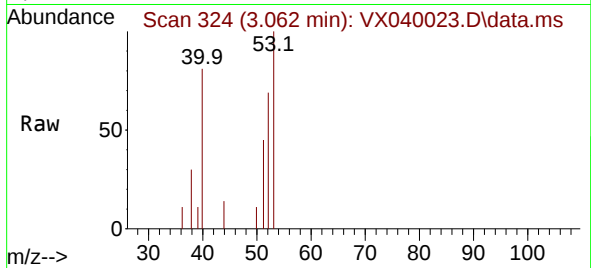
Tgt Ion: 41 Resp: 719
Ion Ratio Lower Upper
41 100
39 83.3 55.8 83.6
76 32.0 24.3 36.5





#15
Acrylonitrile
Concen: 2.061 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

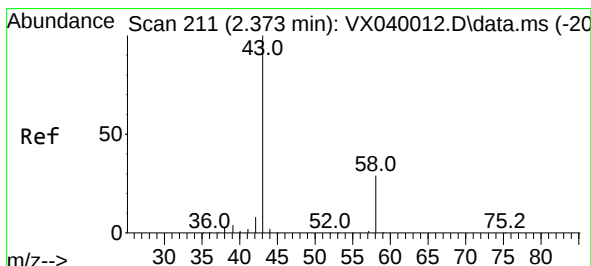
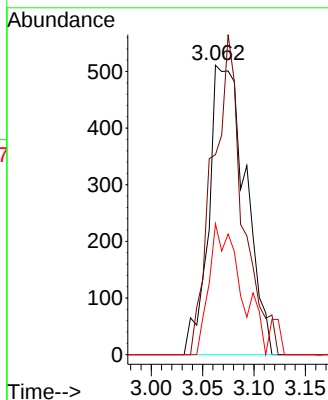
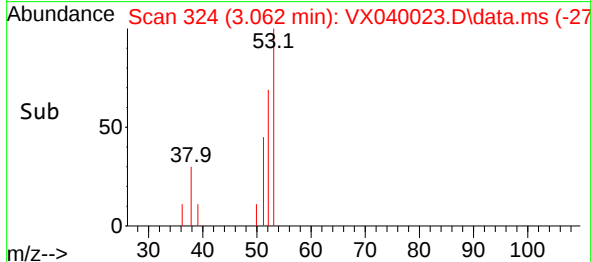
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



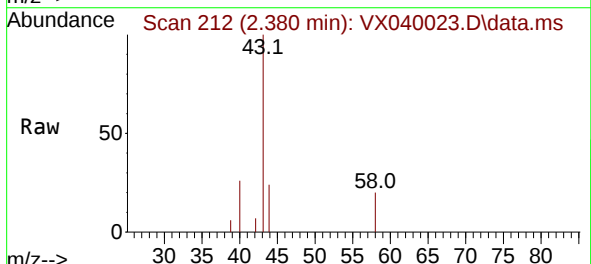
Tgt Ion: 53 Resp: 127
Ion Ratio Lower Upper
53 100
52 91.0 66.0 99.0
51 39.0 29.8 44.6

Manual Integrations
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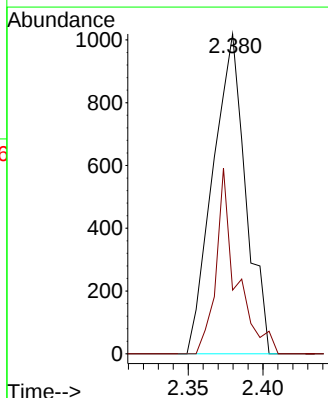
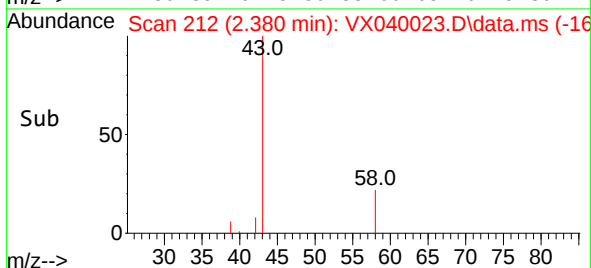
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

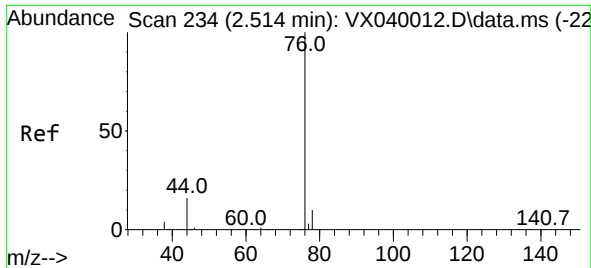


#16
Acetone
Concen: 2.440 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49



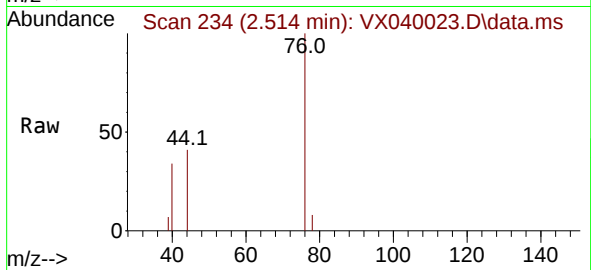
Tgt Ion: 43 Resp: 1554
Ion Ratio Lower Upper
43 100
58 19.9 21.9 32.9#





#17
Carbon Disulfide
Concen: 0.587 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

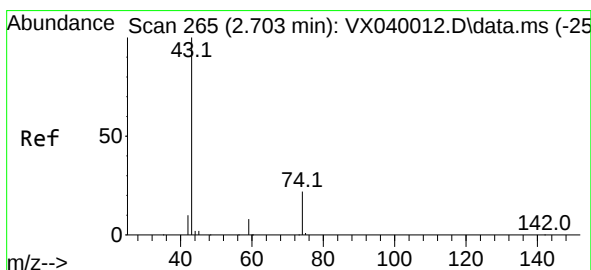
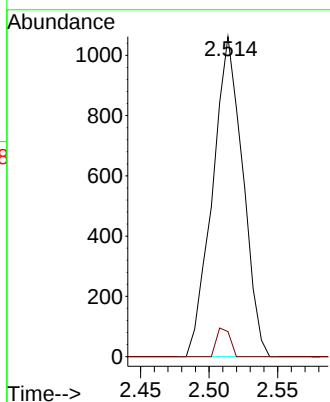
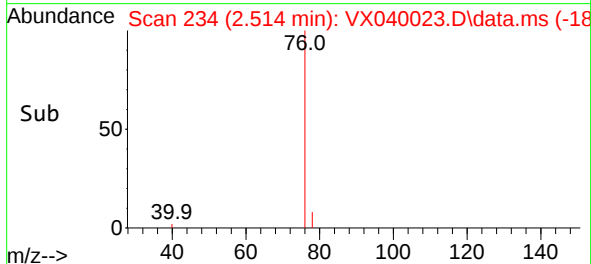
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 76 Resp: 163
Ion Ratio Lower Upper
76 100
78 7.8 7.0 10.6

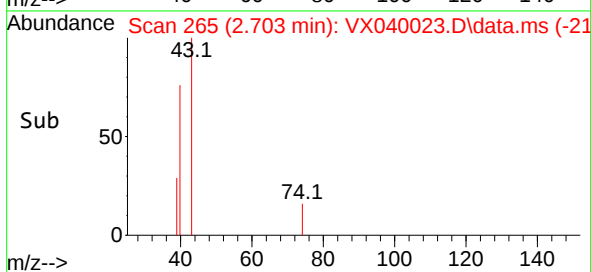
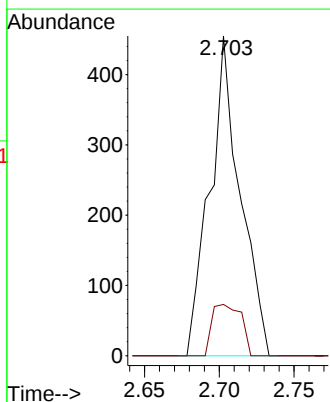
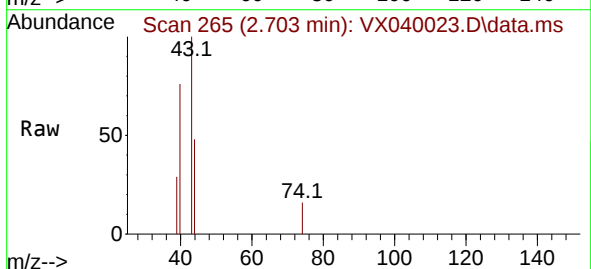
Manual Integrations
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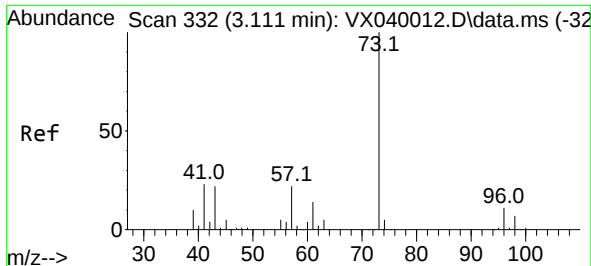
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#18
Methyl Acetate
Concen: 0.426 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
74 15.4 17.8 26.8#





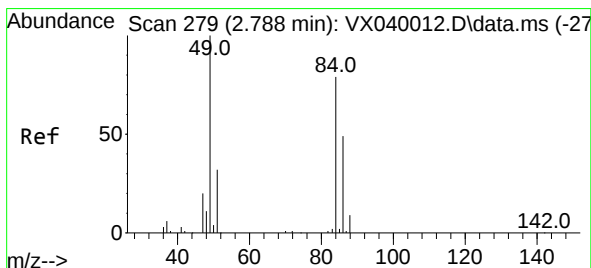
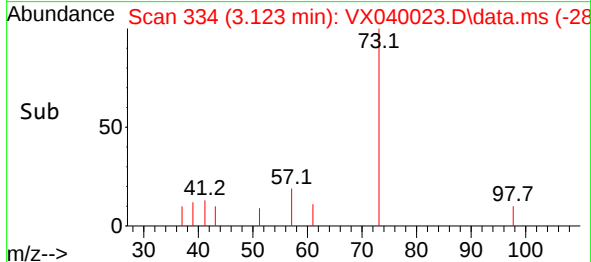
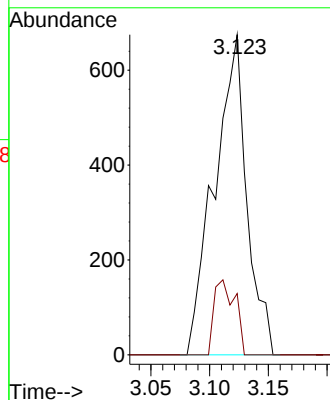
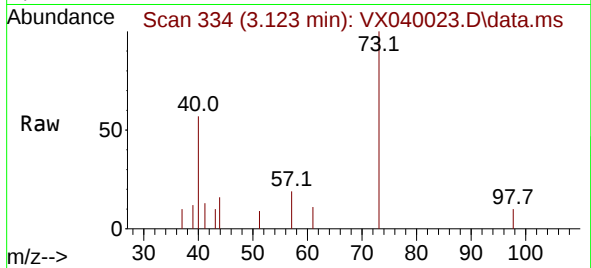
#19
Methyl tert-butyl Ether
Concen: 0.397 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

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

Tgt Ion: 73 Resp: 129
Ion Ratio Lower Upper
73 100
57 19.1 17.3 25.9

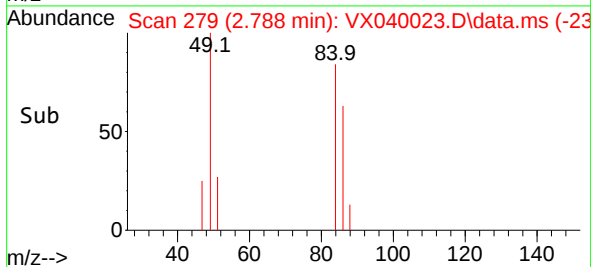
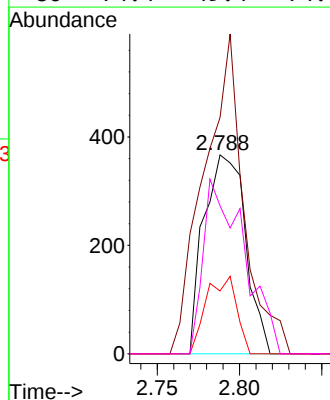
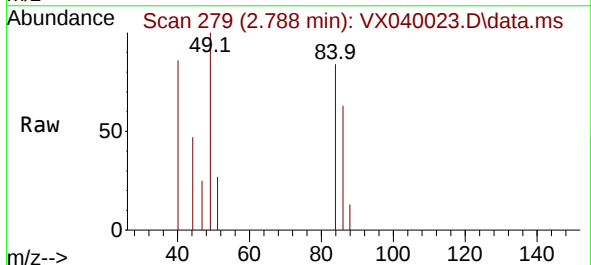
Manual Integrations
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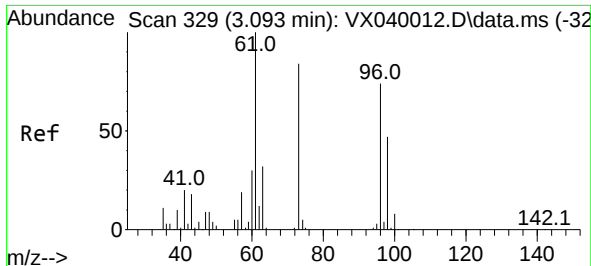
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#20
Methylene Chloride
Concen: 0.568 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

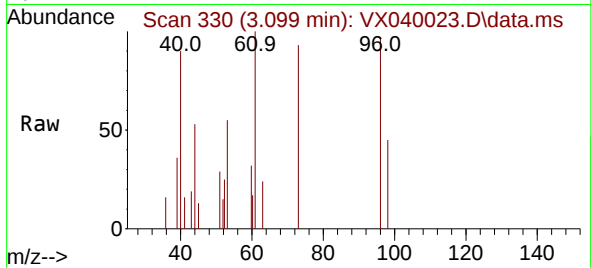
Tgt Ion: 84 Resp: 643
Ion Ratio Lower Upper
84 100
49 103.3 103.6 155.4#
51 31.6 33.8 50.6#
86 74.4 49.4 74.0#





#21
trans-1,2-Dichloroethene
Concen: 0.506 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

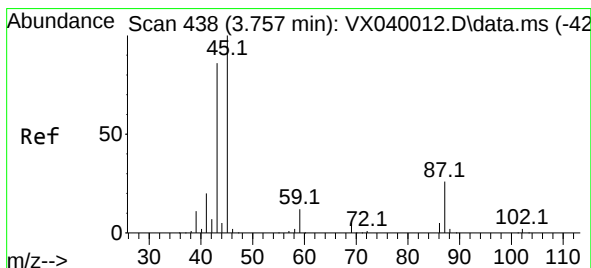
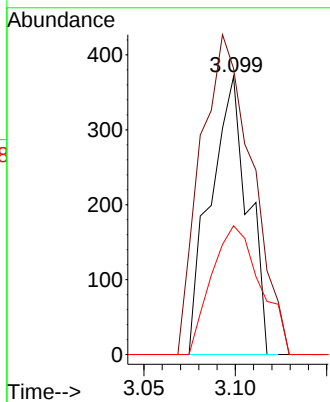
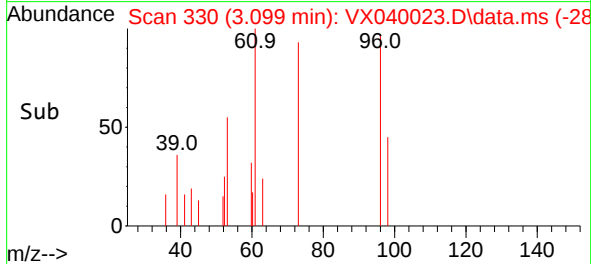
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 96 Resp: 529
Ion Ratio Lower Upper
96 100
61 103.0 119.2 178.8#
98 46.4 48.7 73.1#

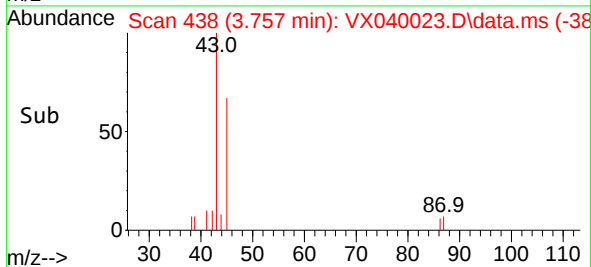
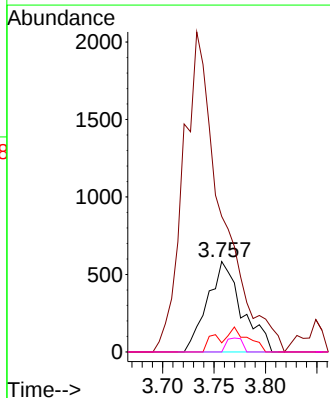
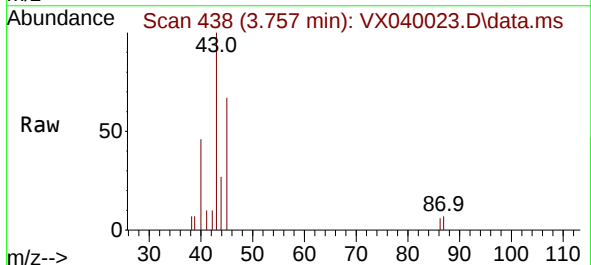
Manual Integrations
APPROVED

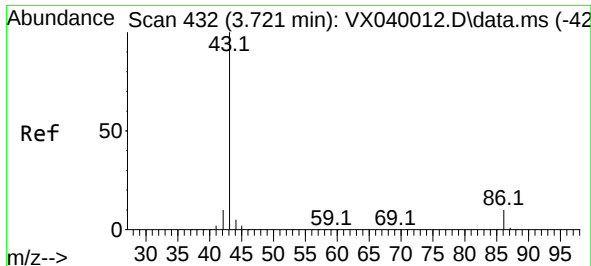
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#22
Diisopropyl ether
Concen: 0.411 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

Tgt Ion: 45 Resp: 1362
Ion Ratio Lower Upper
45 100
43 132.1 69.7 104.5#
87 10.1 20.8 31.2#
59 0.0 9.0 13.4#





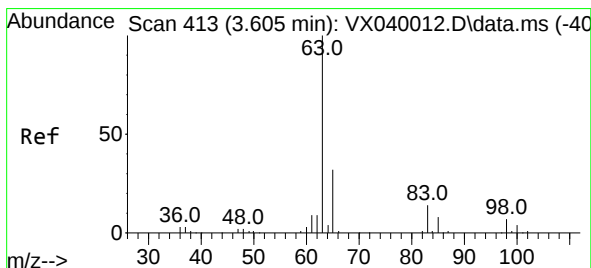
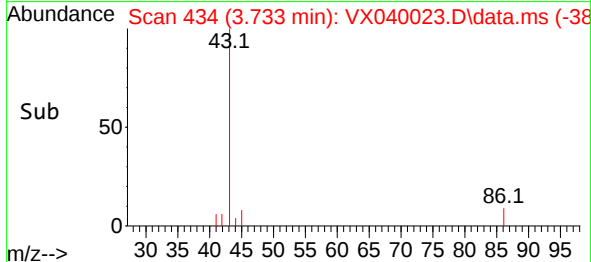
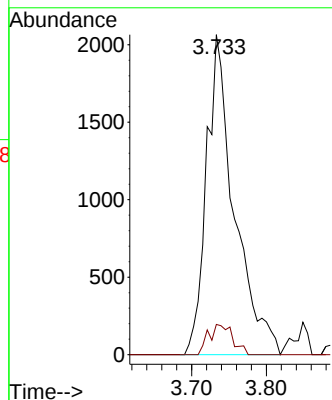
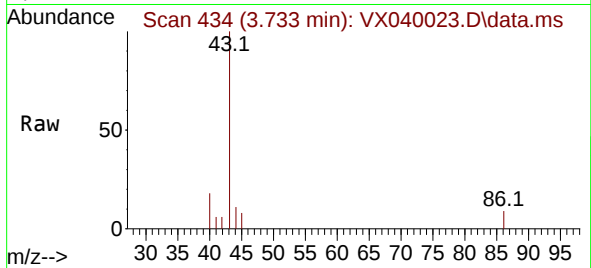
#23
 Vinyl Acetate
 Concen: 1.806 ug/l
 RT: 3.733 min Scan# 413
 Delta R.T. 0.012 min
 Lab File: VX040023.D
 Acq: 30 Jan 2024 16:49

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

Tgt Ion: 43 Resp: 536
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8

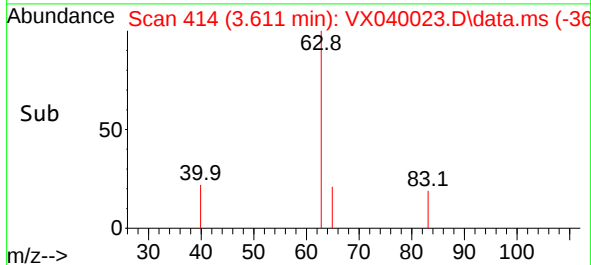
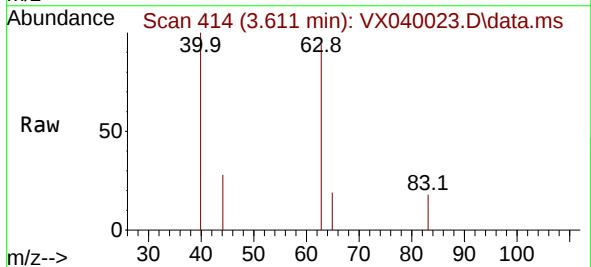
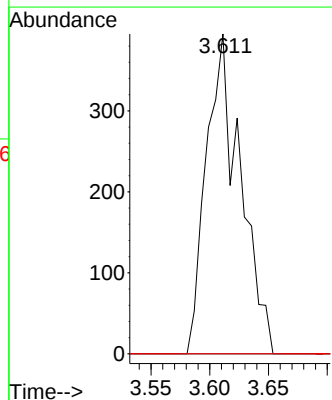
Manual Integrations
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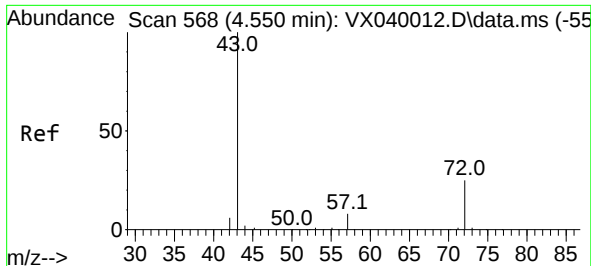
Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024



#24
 1,1-Dichloroethane
 Concen: 0.419 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040023.D
 Acq: 30 Jan 2024 16:49

Tgt Ion: 63 Resp: 795
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.1 6.5#





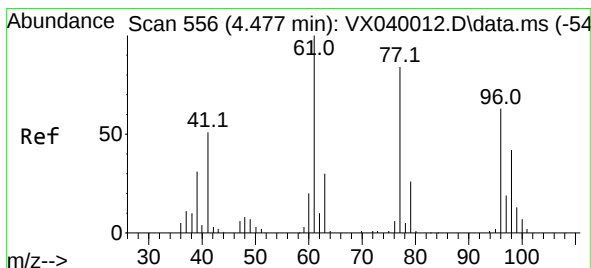
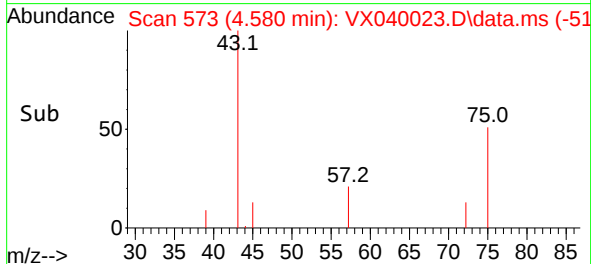
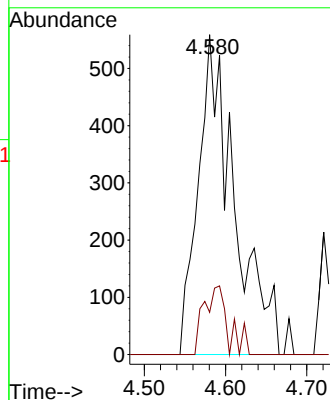
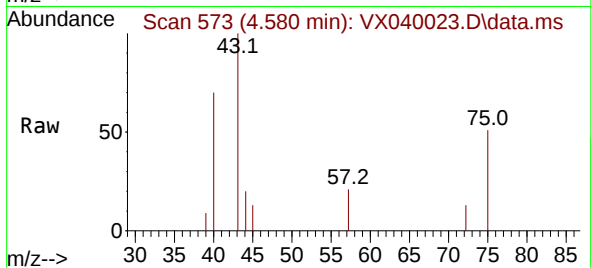
#25
2-Butanone
Concen: 1.957 ug/l m
RT: 4.580 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

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

Tgt Ion: 43 Resp: 173
Ion Ratio Lower Upper
43 100
72 13.2 19.4 29.2

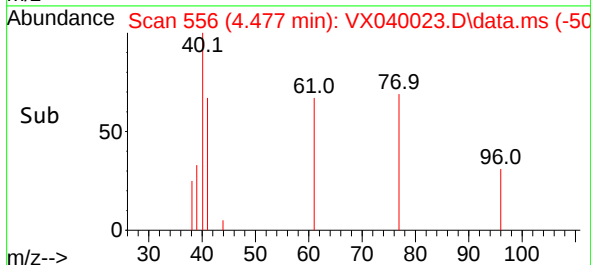
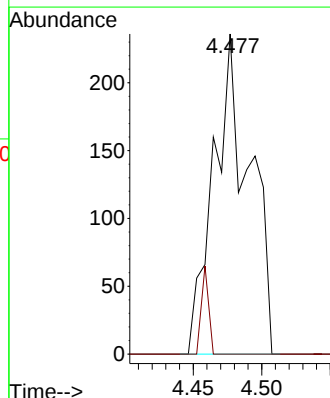
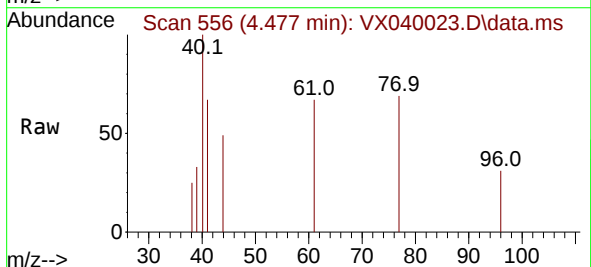
Manual Integrations
APPROVED

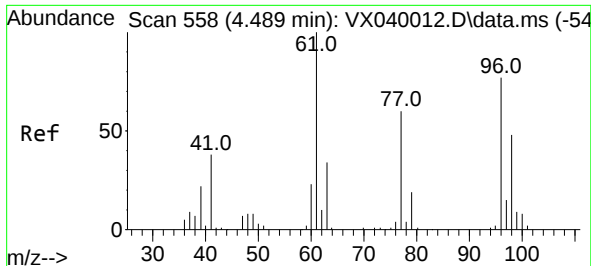
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#26
2,2-Dichloropropane
Concen: 0.290 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

Tgt Ion: 77 Resp: 430
Ion Ratio Lower Upper
77 100
97 5.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 0.427 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX040023.D

Acq: 30 Jan 2024 16:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

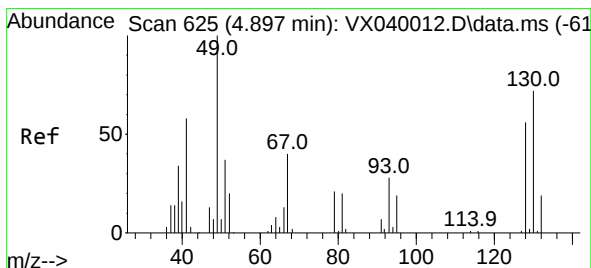
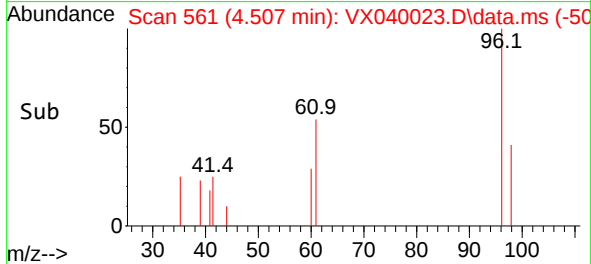
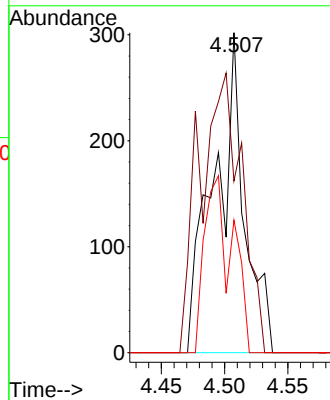
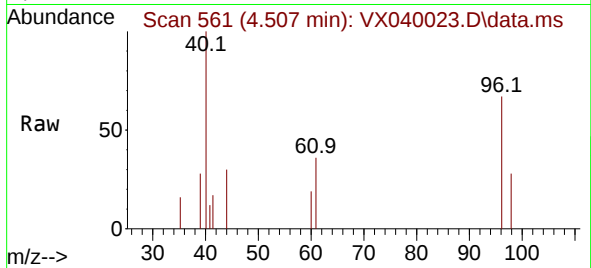
Tgt Ion: 96	Resp: 498
Ion Ratio	Lower Upper
96 100	
61 122.5	0.0 312.2
98 50.8	0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#28

Bromochloromethane

Concen: 0.370 ug/l m

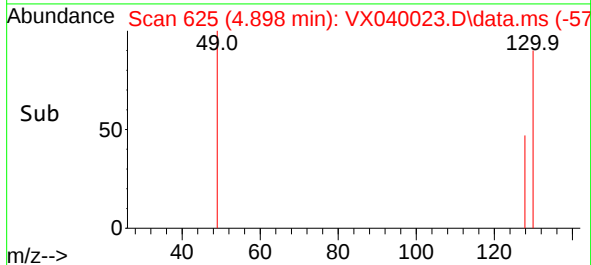
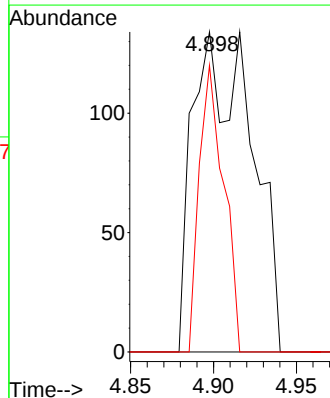
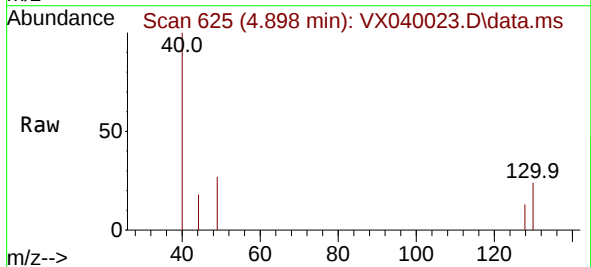
RT: 4.898 min Scan# 625

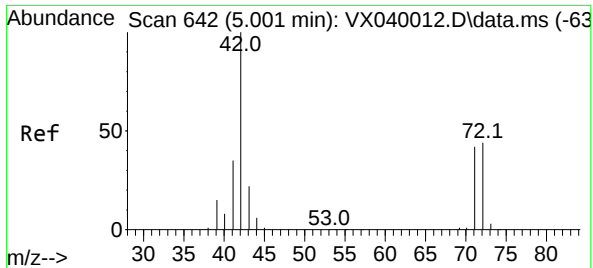
Delta R.T. 0.000 min

Lab File: VX040023.D

Acq: 30 Jan 2024 16:49

Tgt Ion: 49	Resp: 328
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.8
130 37.5	57.5 86.3





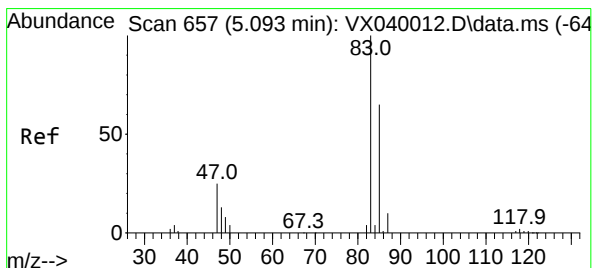
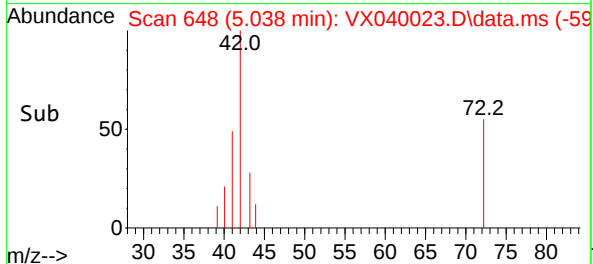
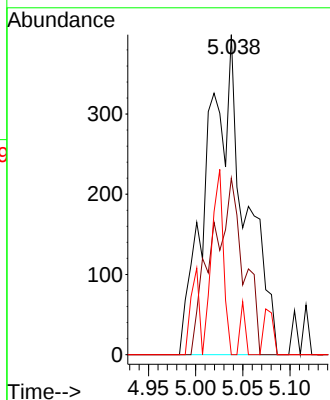
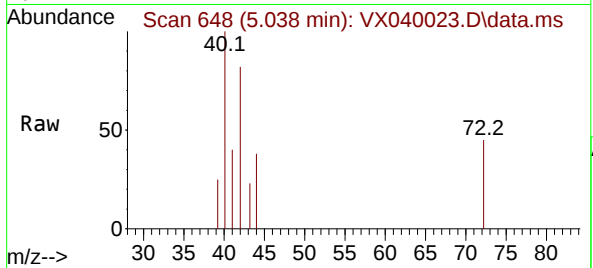
#29
Tetrahydrofuran
Concen: 2.001 ug/l m
RT: 5.038 min Scan# 642
Delta R.T. 0.037 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

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

Tgt Ion: 42 Resp: 1120
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4
71 17.9 32.2 48.2

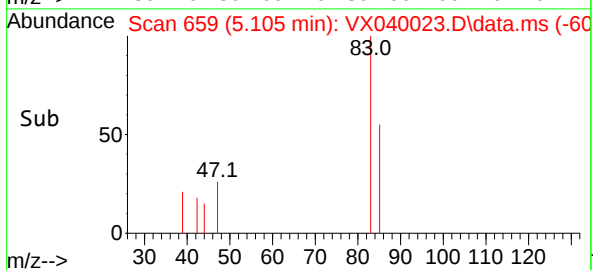
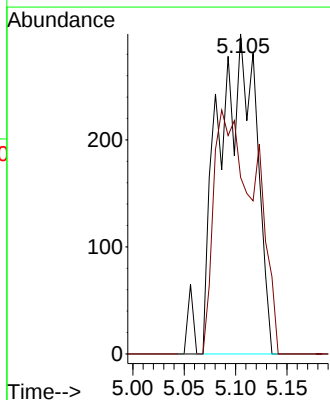
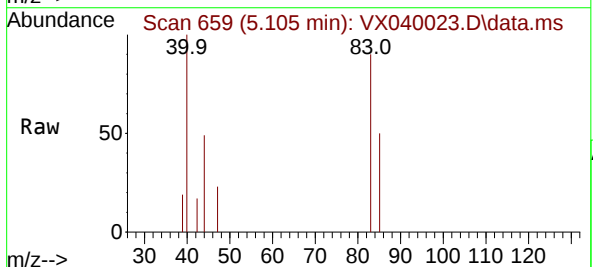
Manual Integrations
APPROVED

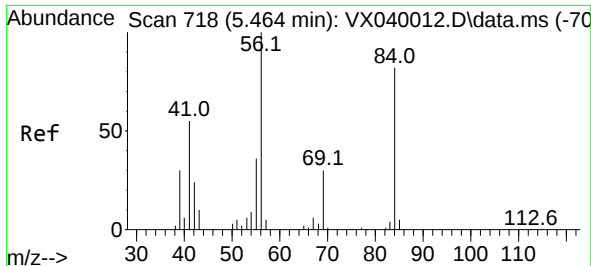
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#30
Chloroform
Concen: 0.385 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

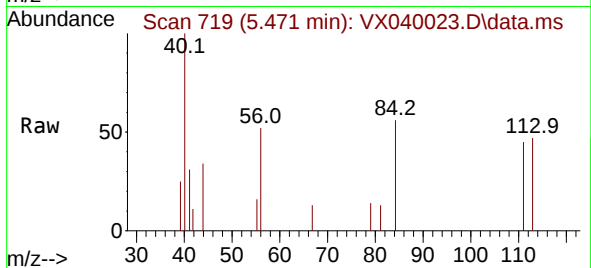
Tgt Ion: 83 Resp: 786
Ion Ratio Lower Upper
83 100
85 55.2 50.3 75.5





#31
Cyclohexane
Concen: 0.418 ug/l m
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

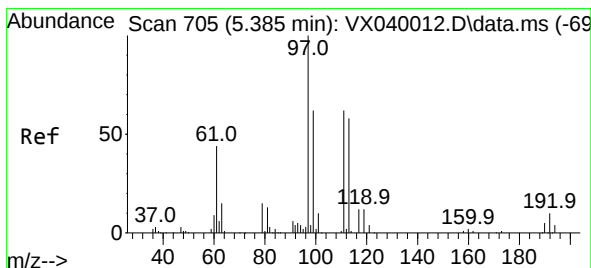
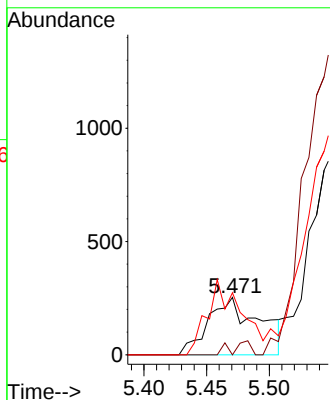
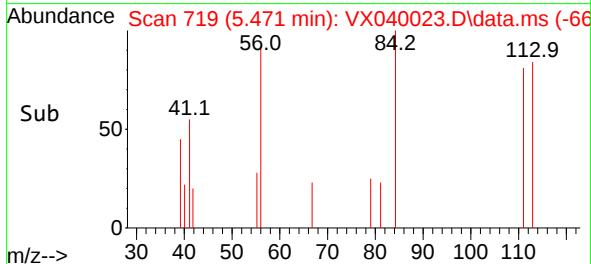
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 56 Resp: 718
Ion Ratio Lower Upper
56 100
69 0.0 23.4 35.2#
84 108.3 65.9 98.9#

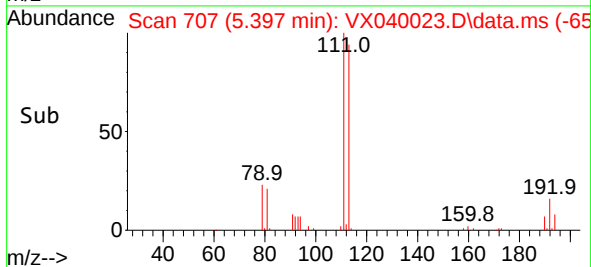
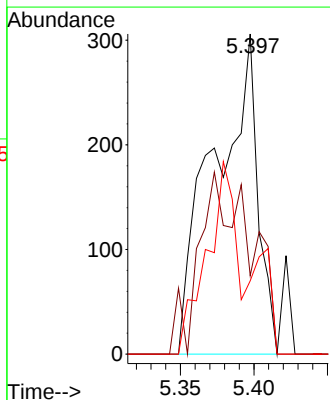
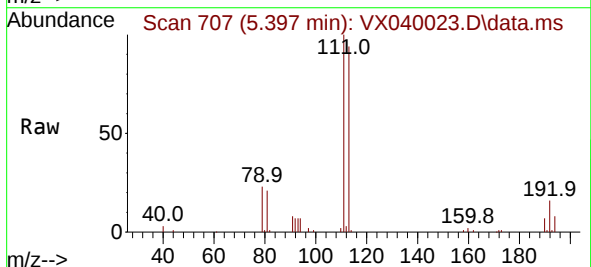
Manual Integrations
APPROVED

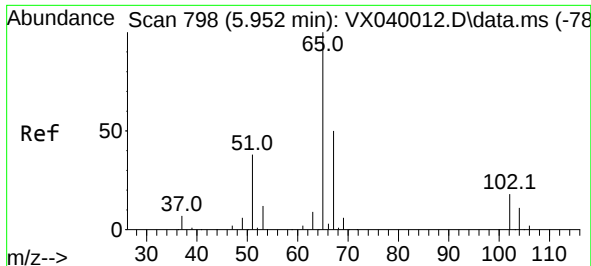
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#32
1,1,1-Trichloroethane
Concen: 0.360 ug/l m
RT: 5.397 min Scan# 707
Delta R.T. 0.012 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

Tgt Ion: 97 Resp: 630
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 0.0 36.4 54.6#





#33

1,2-Dichloroethane-d4

Concen: 47.218 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040023.D

Acq: 30 Jan 2024 16:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 65 Resp: 6417

Ion Ratio Lower Upper

65 100

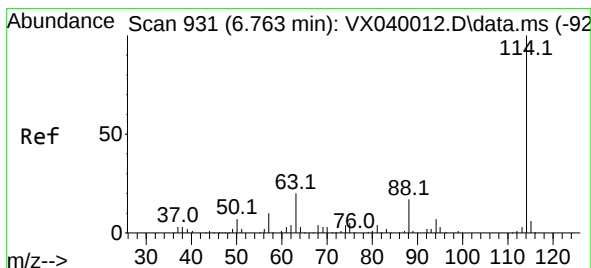
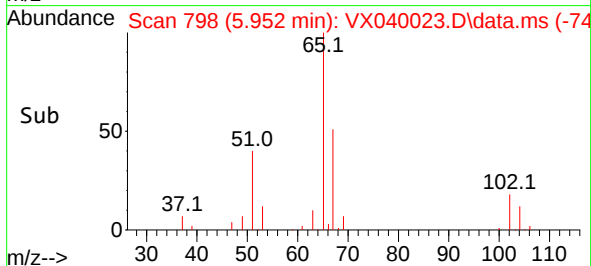
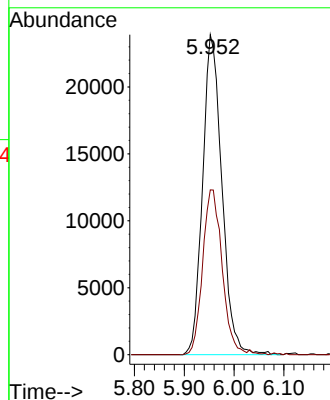
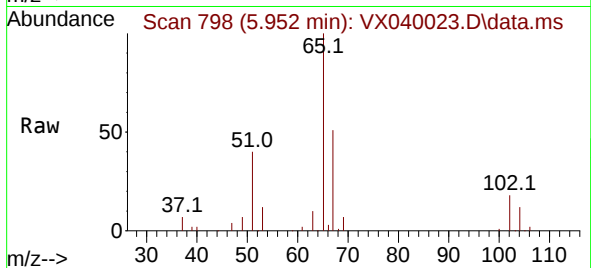
67 51.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040023.D

Acq: 30 Jan 2024 16:49

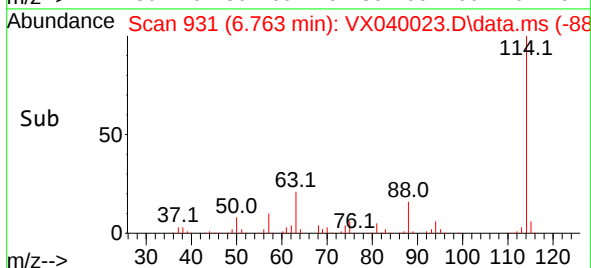
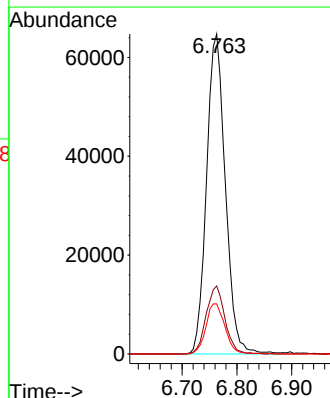
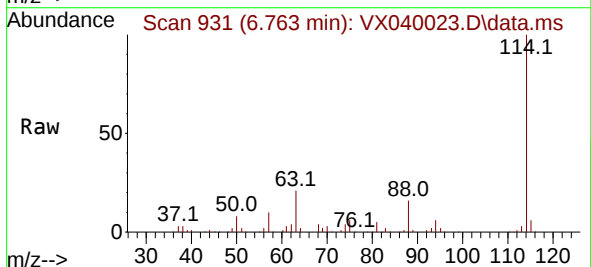
Tgt Ion:114 Resp: 153610

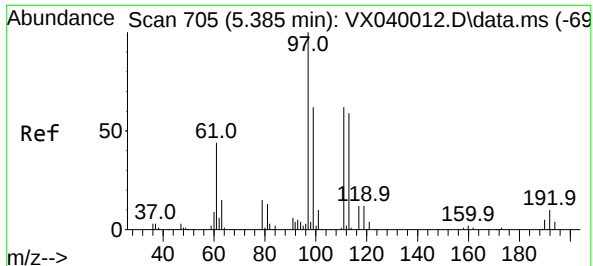
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

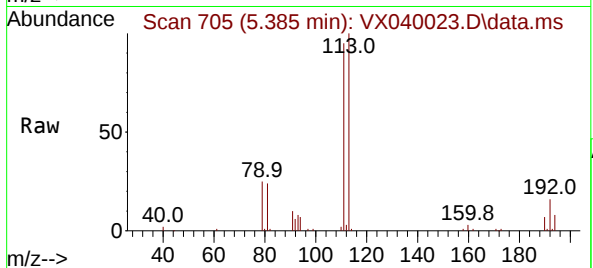
88 15.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 46.416 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

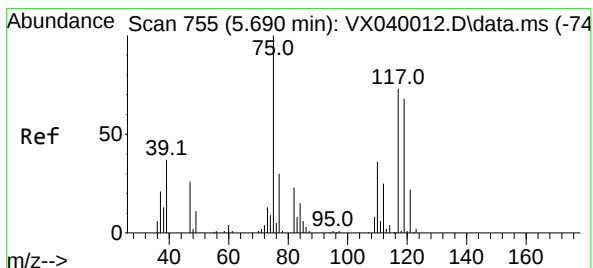
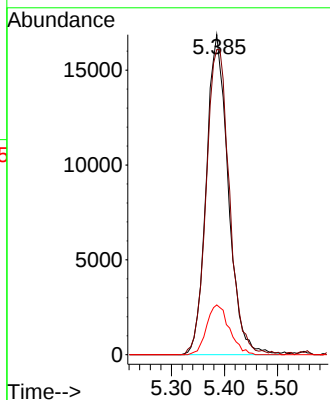
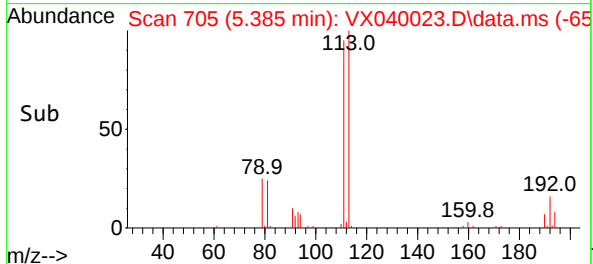
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:113 Resp: 48530
Ion Ratio Lower Upper
113 100
111 100.3 82.9 124.3
192 16.1 13.3 19.9

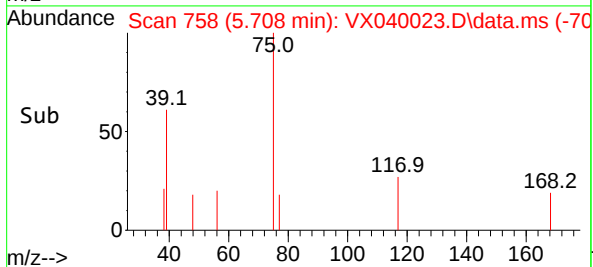
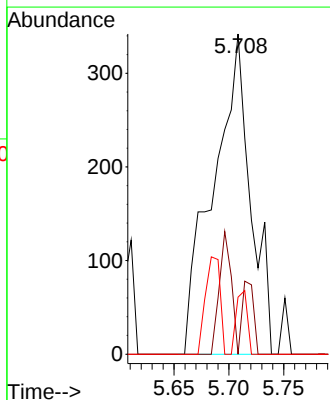
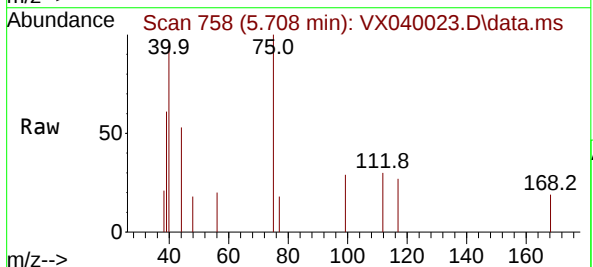
Manual Integrations
APPROVED

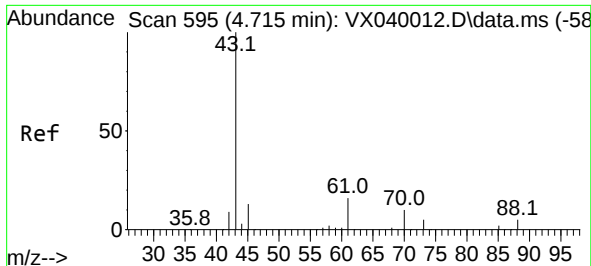
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#36
1,1-Dichloropropene
Concen: 0.534 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.018 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

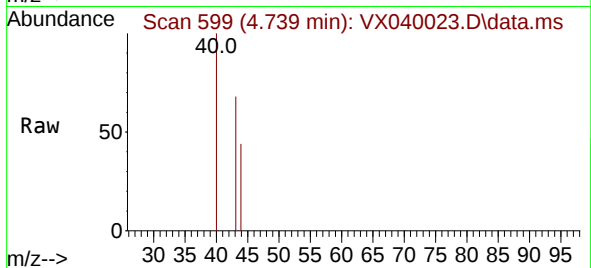
Tgt Ion: 75 Resp: 808
Ion Ratio Lower Upper
75 100
110 6.9 17.0 50.9#
77 5.8 24.7 37.1#





#37
Ethyl Acetate
Concen: 0.459 ug/l m
RT: 4.739 min Scan# 599
Delta R.T. 0.024 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

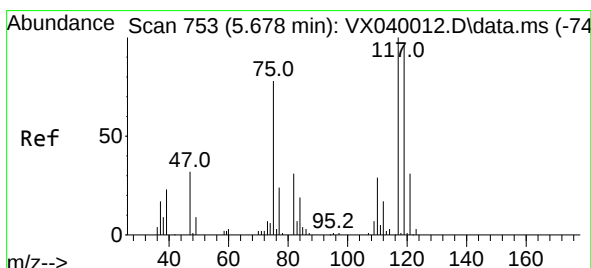
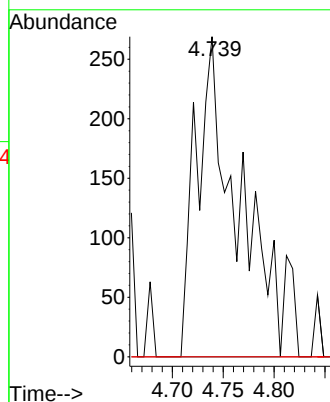
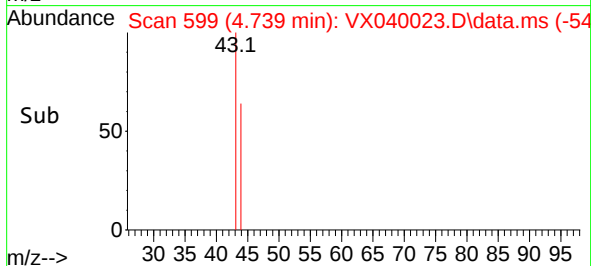
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#

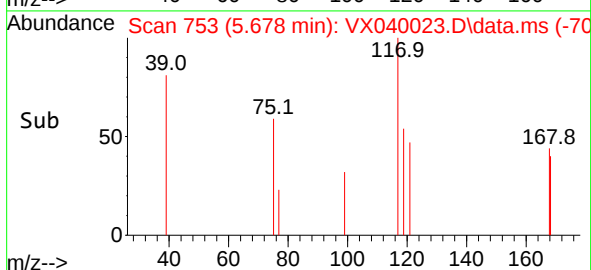
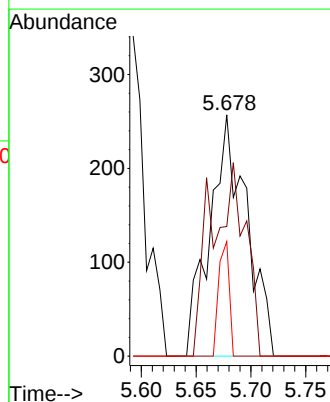
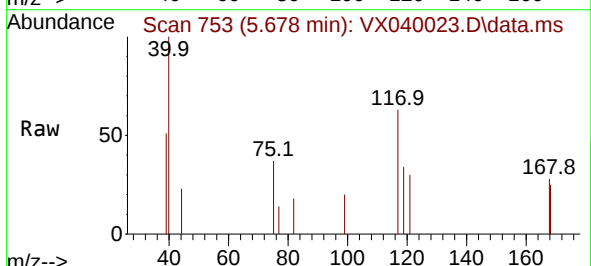
Manual Integrations
APPROVED

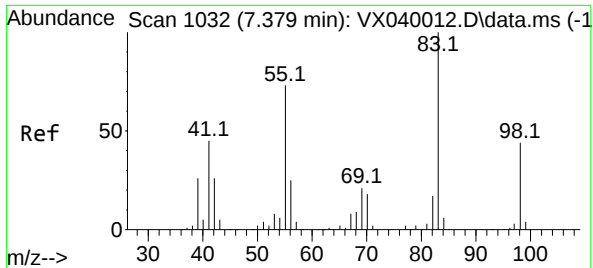
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#38
Carbon Tetrachloride
Concen: 0.416 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

Tgt Ion:117 Resp: 602
Ion Ratio Lower Upper
117 100
119 53.7 78.2 117.2#
121 47.5 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.370 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX040023.D

Acq: 30 Jan 2024 16:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 83 Resp: 680

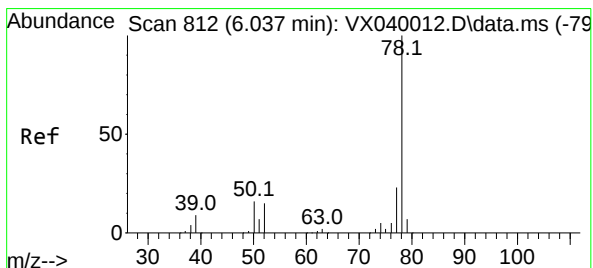
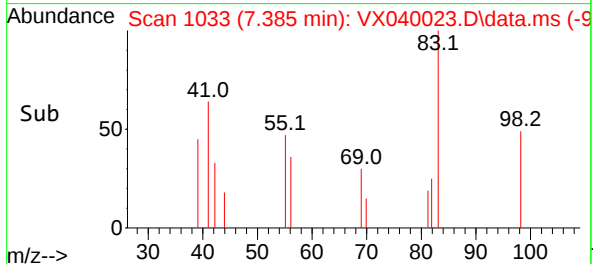
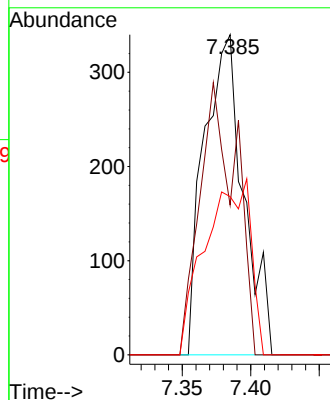
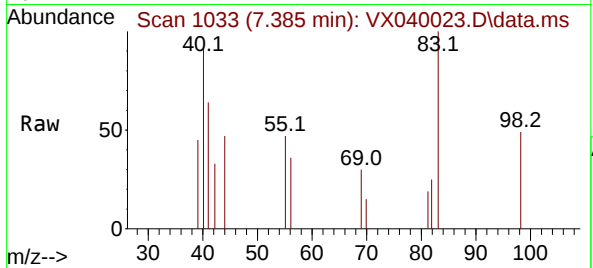
Ion	Ratio	Lower	Upper
83	100		
55	46.8	64.6	97.0
98	49.4	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#40

Benzene

Concen: 0.388 ug/l

RT: 6.044 min Scan# 813

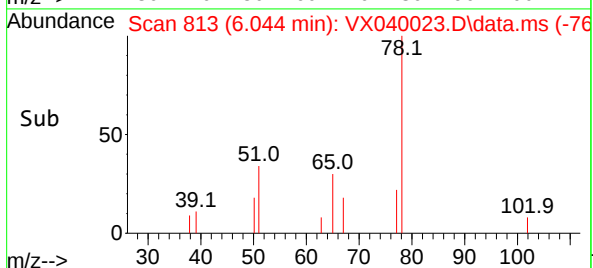
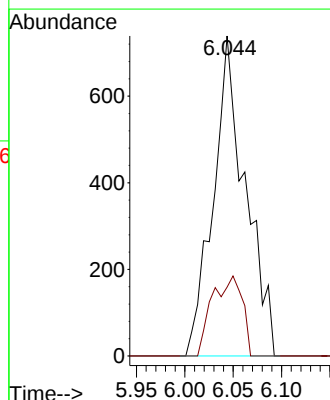
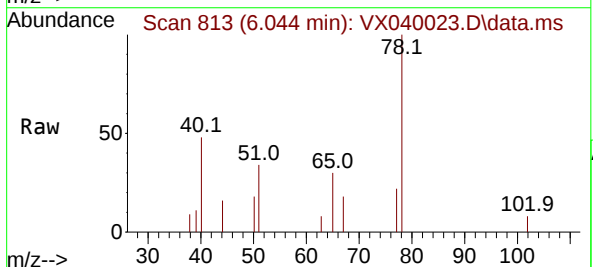
Delta R.T. 0.006 min

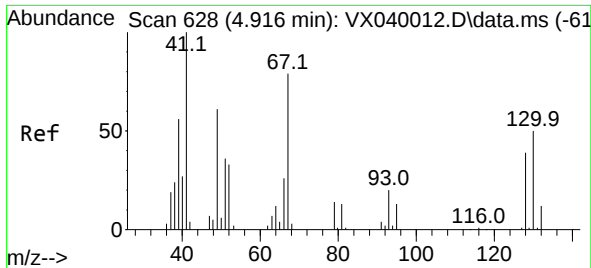
Lab File: VX040023.D

Acq: 30 Jan 2024 16:49

Tgt Ion: 78 Resp: 1711

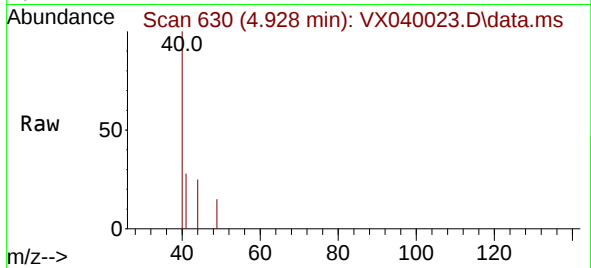
Ion	Ratio	Lower	Upper
78	100		
77	21.5	19.3	28.9





#41
Methacrylonitrile
Concen: 0.363 ug/l m
RT: 4.928 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

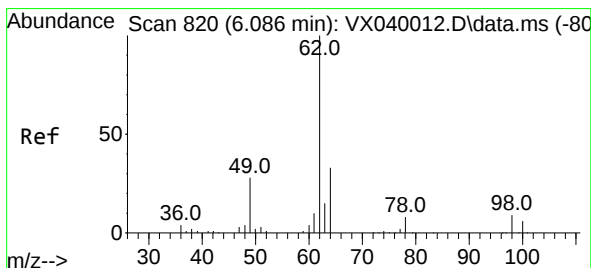
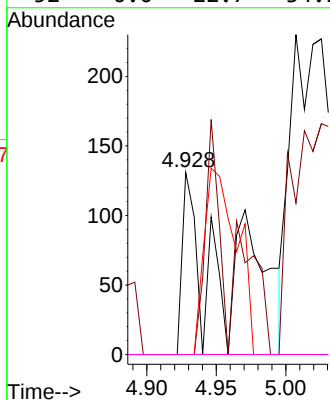
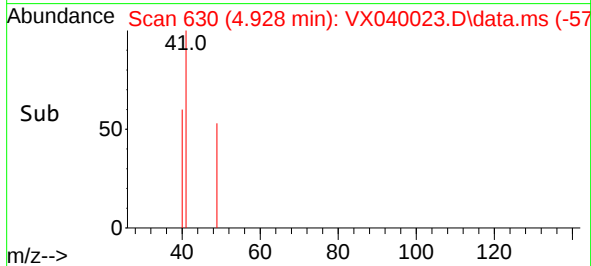
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 41 Resp: 304
Ion Ratio Lower Upper
41 100
39 0.0 45.2 67.8
67 0.0 52.6 78.8
52 0.0 22.7 34.1

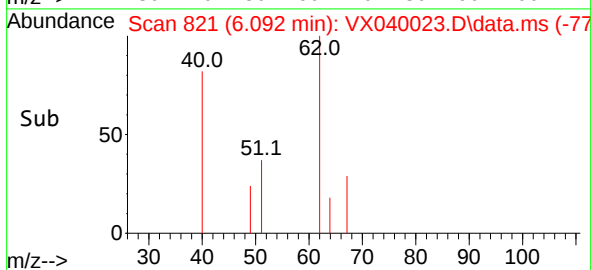
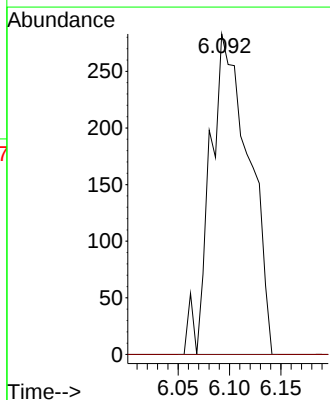
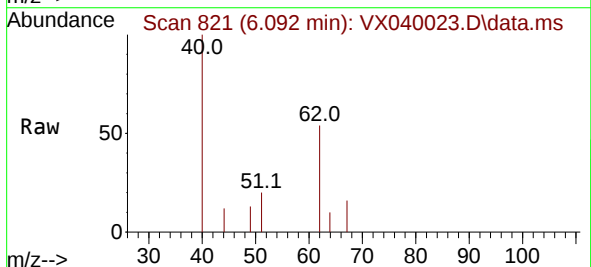
Manual Integrations
APPROVED

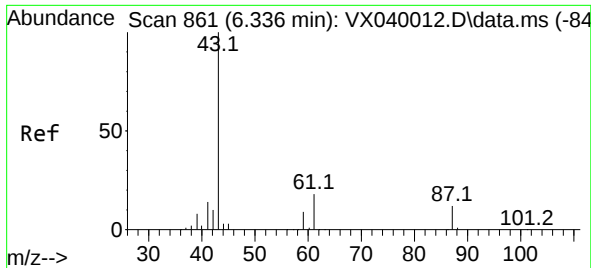
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#42
1,2-Dichloroethane
Concen: 0.440 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

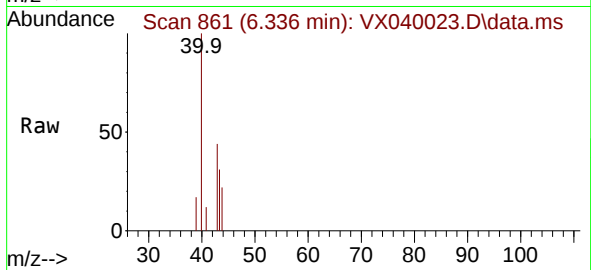
Tgt Ion: 62 Resp: 746
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0





#43
Isopropyl Acetate
Concen: 0.347 ug/l m
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

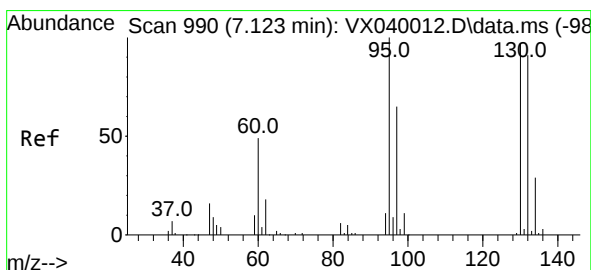
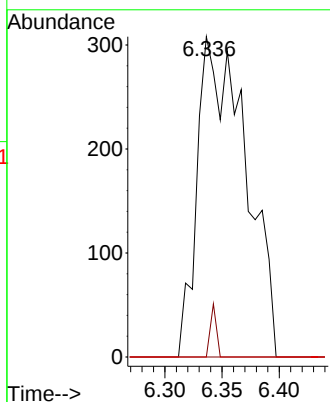
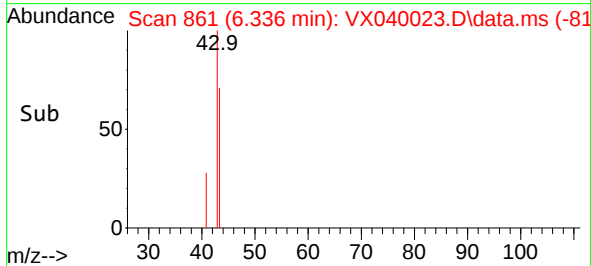
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
61 2.1 15.2 22.8
87 0.0 9.8 14.6

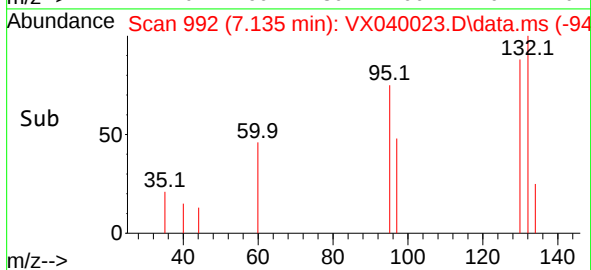
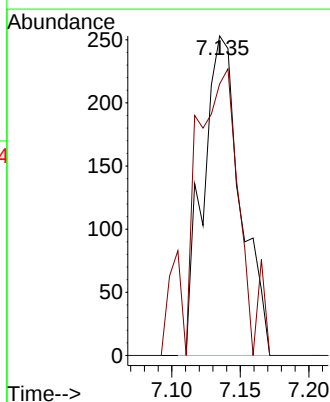
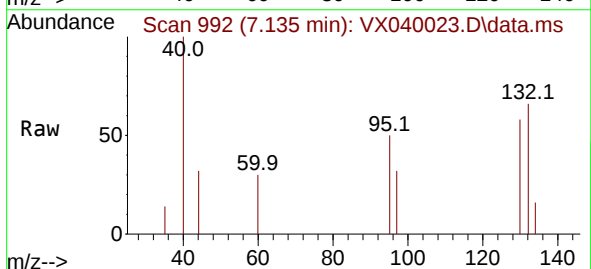
Manual Integrations
APPROVED

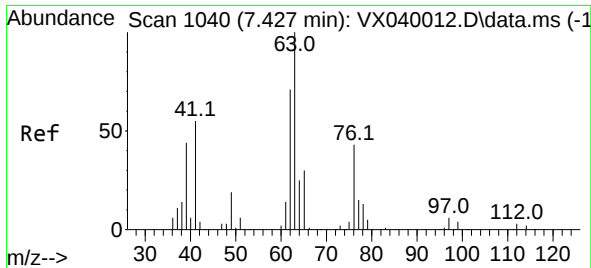
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#44
Trichloroethene
Concen: 0.416 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

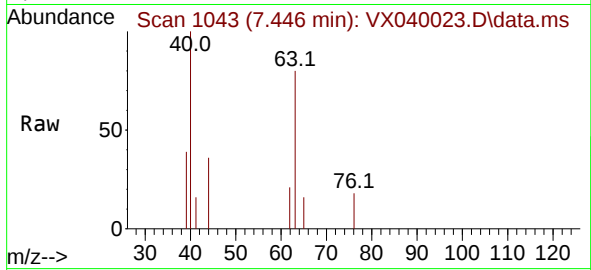
Tgt Ion:130 Resp: 482
Ion Ratio Lower Upper
130 100
95 85.0 0.0 204.4





#45
1,2-Dichloropropane
Concen: 0.363 ug/l
RT: 7.446 min Scan# 1043
Delta R.T. 0.018 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

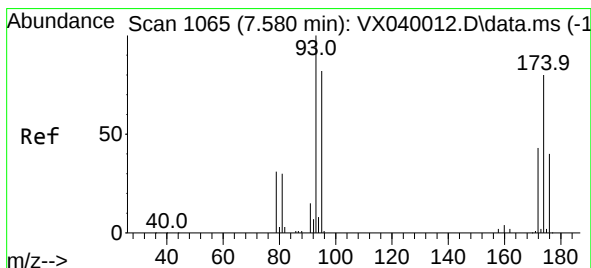
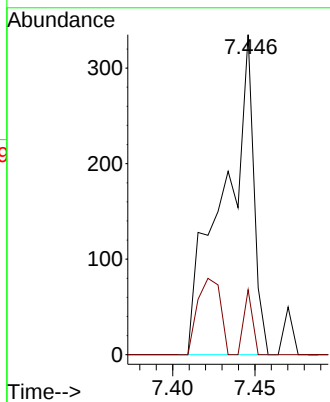
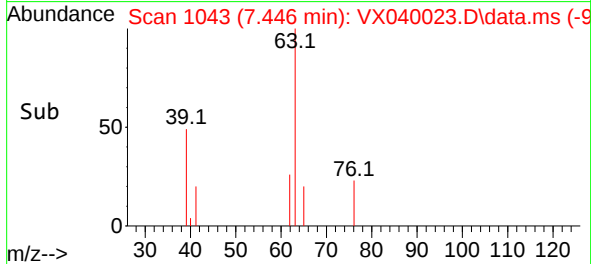
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 63 Resp: 422
Ion Ratio Lower Upper
63 100
65 20.3 24.3 36.5

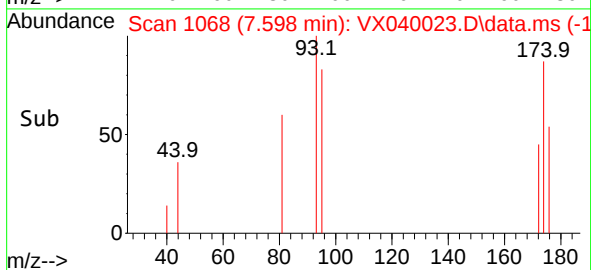
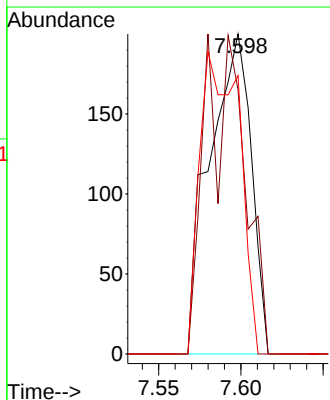
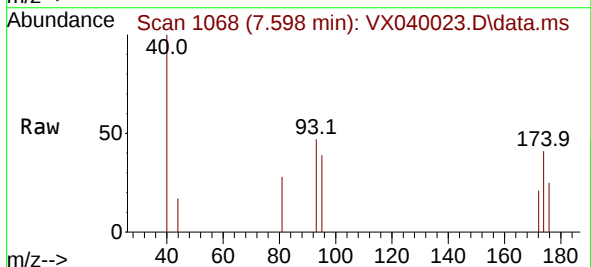
Manual Integrations
APPROVED

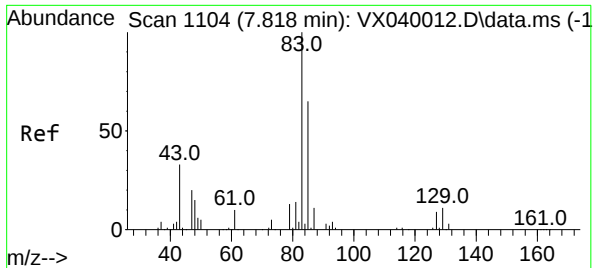
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#46
Dibromomethane
Concen: 0.403 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. 0.018 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

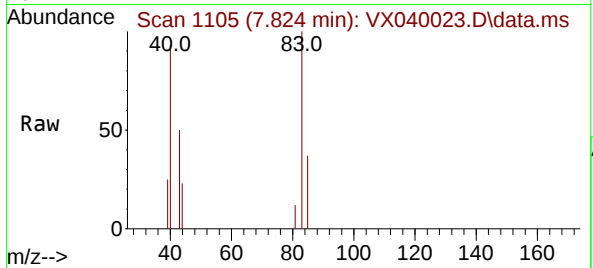
Tgt Ion: 93 Resp: 352
Ion Ratio Lower Upper
93 100
95 94.3 66.6 100.0
174 89.5 69.4 104.0





#47
Bromodichloromethane
Concen: 0.426 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

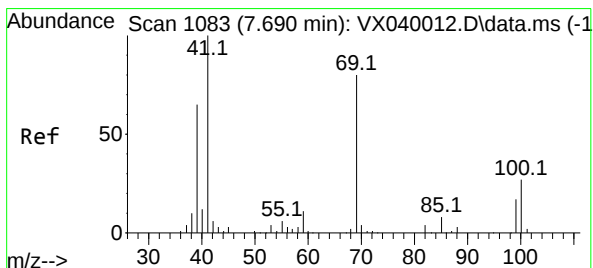
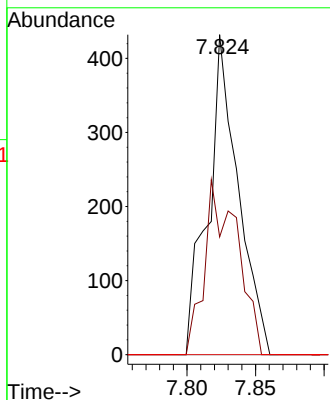
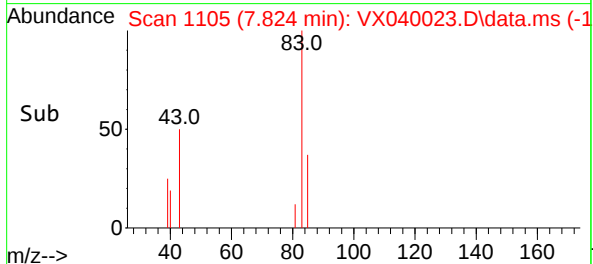
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



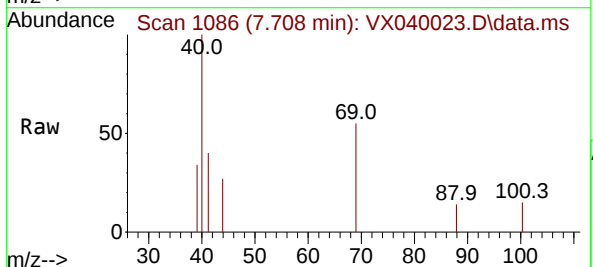
Tgt Ion: 83 Resp: 662
Ion Ratio Lower Upper
83 100
85 36.8 49.8 74.6
127 0.0 7.1 10.7

Manual Integrations
APPROVED

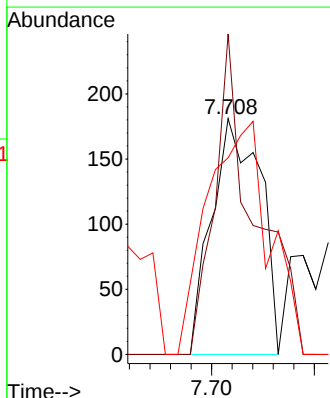
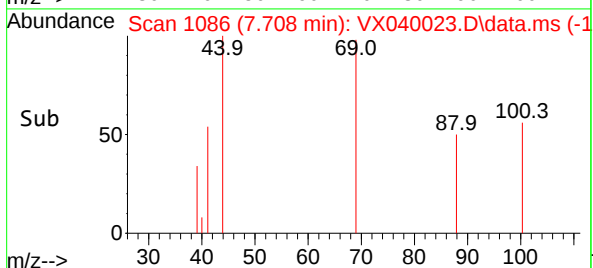
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

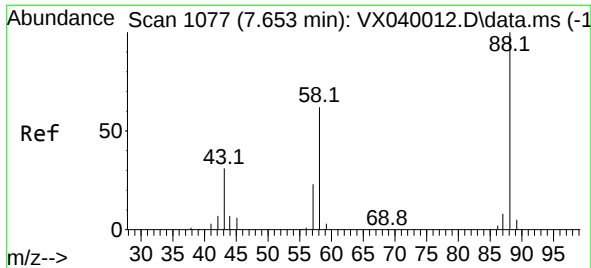


#48
Methyl methacrylate
Concen: 0.231 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49



Tgt Ion: 41 Resp: 297
Ion Ratio Lower Upper
41 100
69 110.8 59.2 88.8#
39 126.3 47.7 71.5#





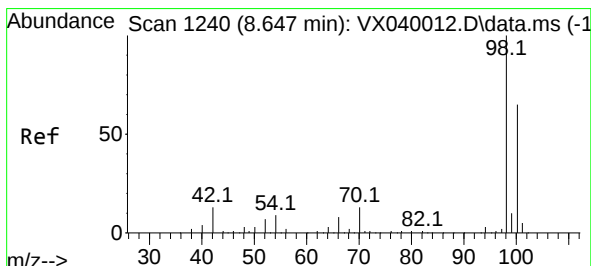
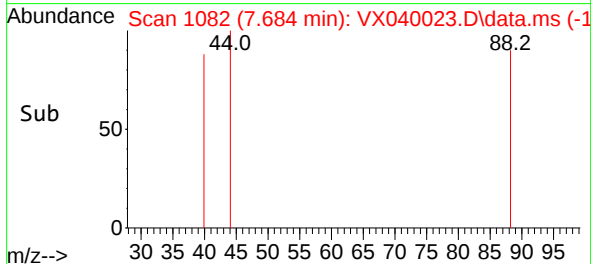
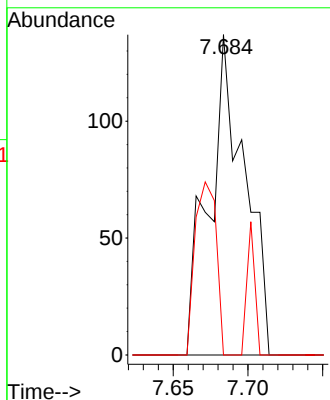
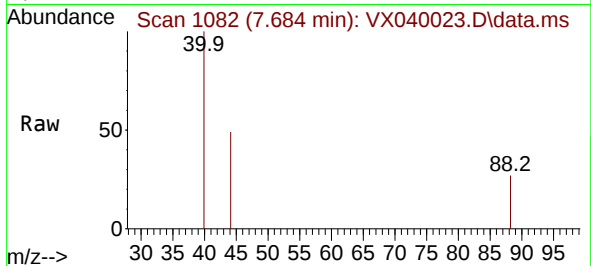
#49
1,4-Dioxane
Concen: 8.142 ug/l
RT: 7.684 min Scan# 1077
Delta R.T. 0.031 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

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

Tgt Ion: 88 Resp: 227
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 32.2 60.1 90.1

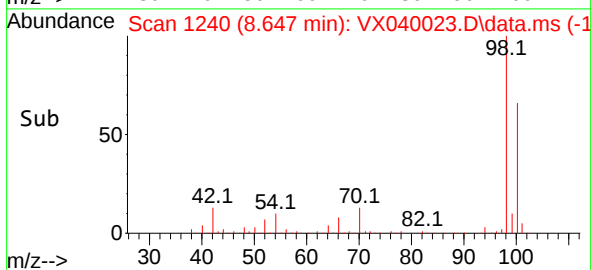
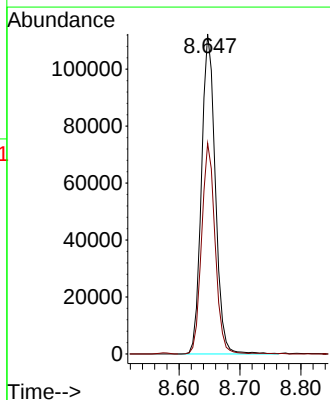
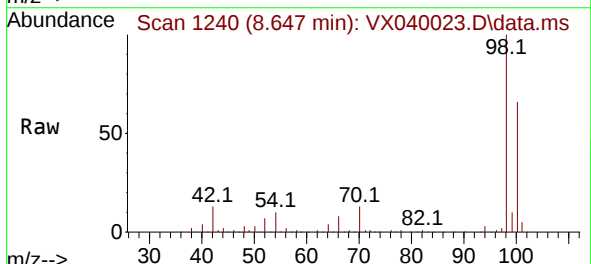
Manual Integrations
APPROVED

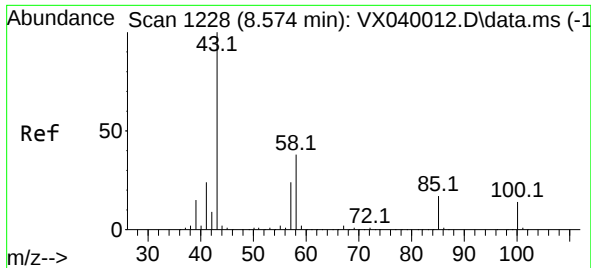
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#50
Toluene-d8
Concen: 45.346 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

Tgt Ion: 98 Resp: 177327
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7





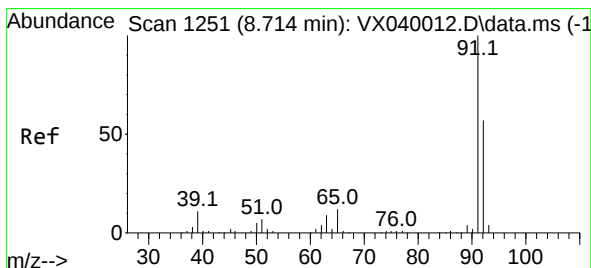
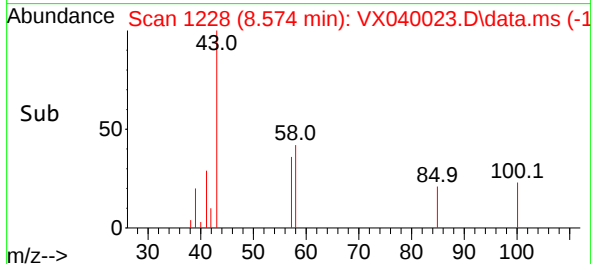
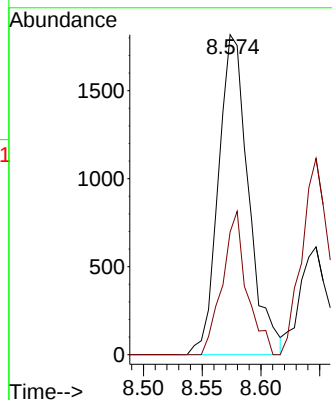
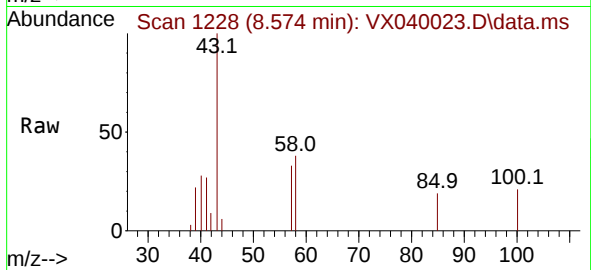
#51
4-Methyl-2-Pentanone
Concen: 1.827 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

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

Tgt Ion: 43 Resp: 3248
Ion Ratio Lower Upper
43 100
58 36.2 30.4 45.6

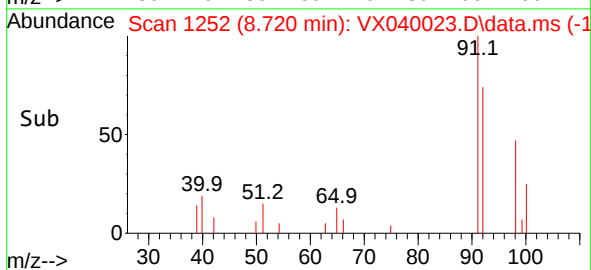
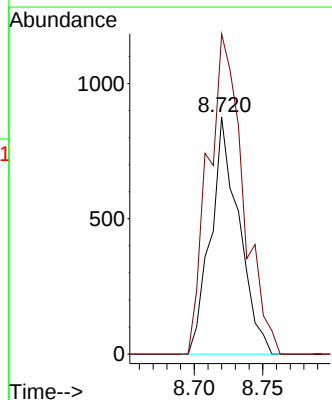
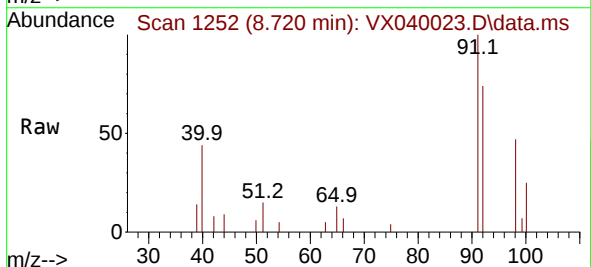
Manual Integrations
APPROVED

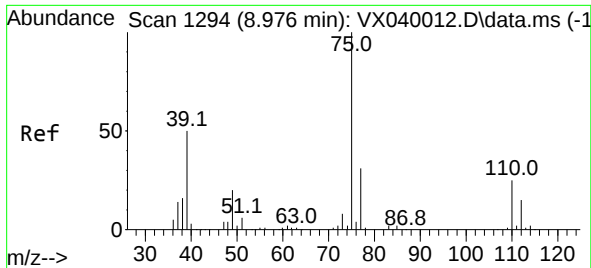
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#52
Toluene
Concen: 0.456 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

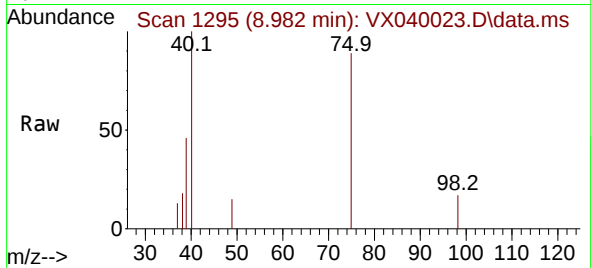
Tgt Ion: 92 Resp: 1252
Ion Ratio Lower Upper
92 100
91 167.7 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 0.381 ug/l
RT: 8.982 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

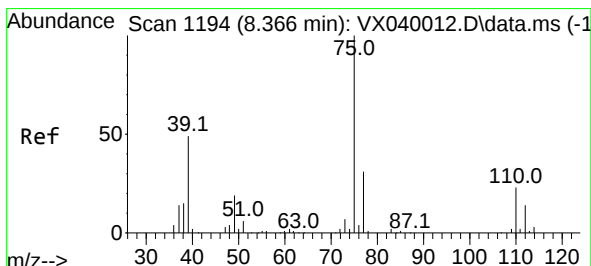
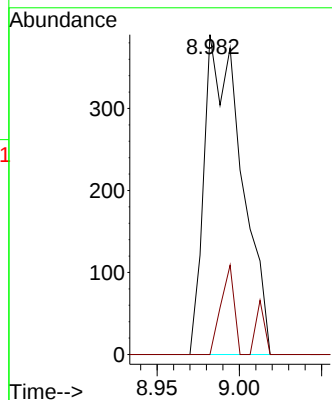
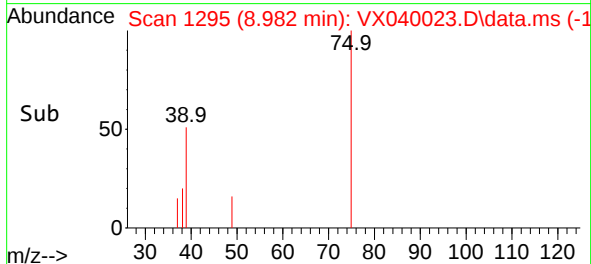
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



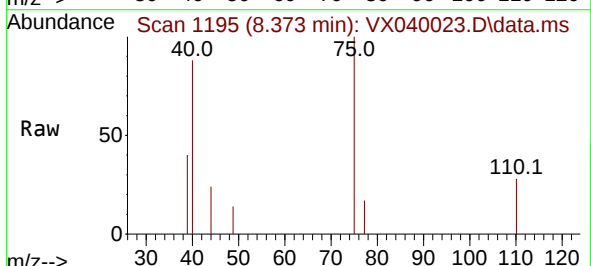
Tgt Ion: 75 Resp: 615
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5

Manual Integrations
APPROVED

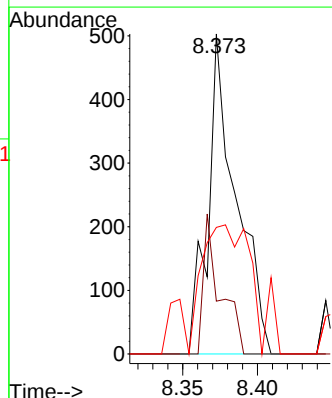
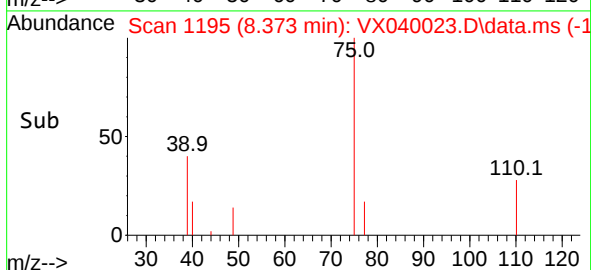
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

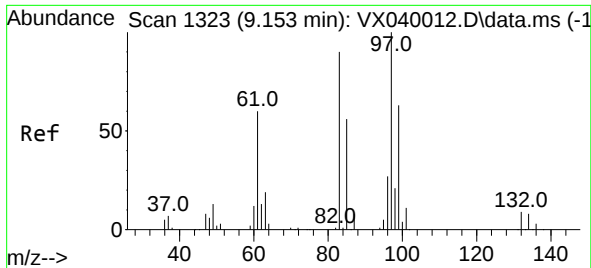


#54
cis-1,3-Dichloropropene
Concen: 0.382 ug/l
RT: 8.373 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49



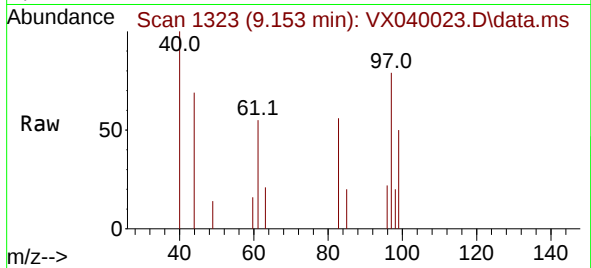
Tgt Ion: 75 Resp: 658
Ion Ratio Lower Upper
75 100
77 16.5 25.3 37.9#
39 39.6 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 0.343 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

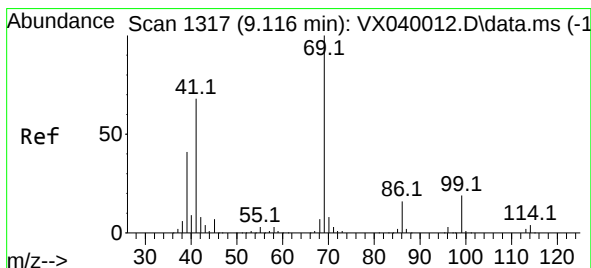
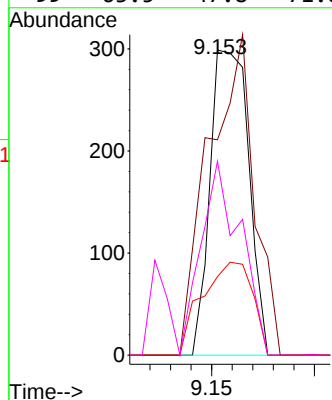
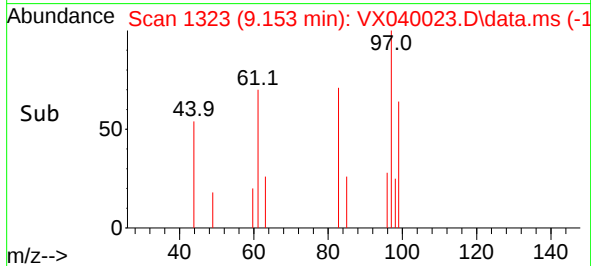
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion	Ratio	Lower	Upper
97	100		
83	70.6	65.8	98.8
85	25.8	41.6	62.4
99	63.5	47.8	71.8

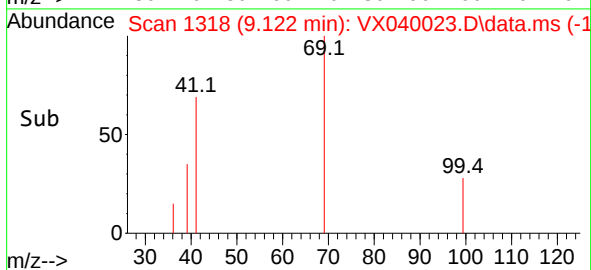
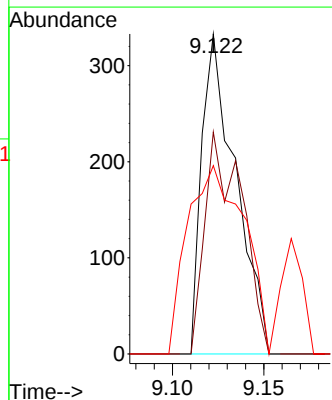
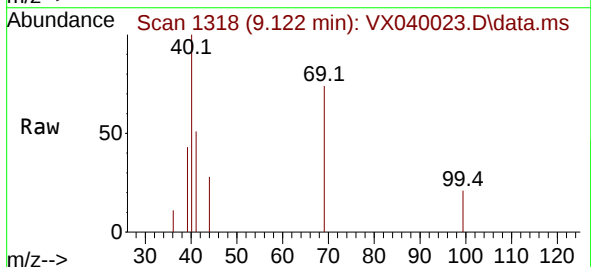
Manual Integrations
APPROVED

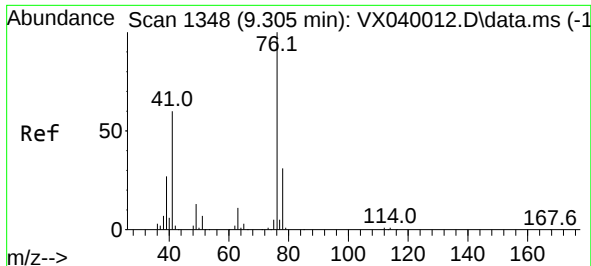
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#56
Ethyl methacrylate
Concen: 0.259 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

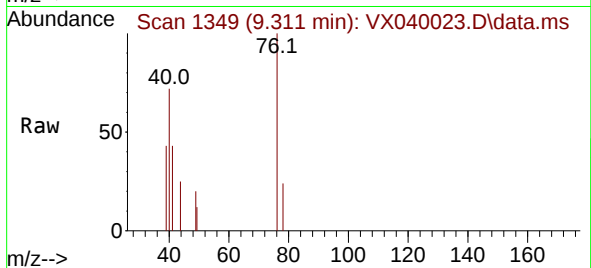
Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.2	56.8	85.2
39	98.6	32.0	48.0





#57
1,3-Dichloropropane
Concen: 0.352 ug/l
RT: 9.311 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

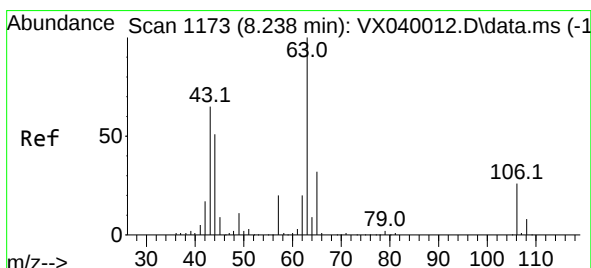
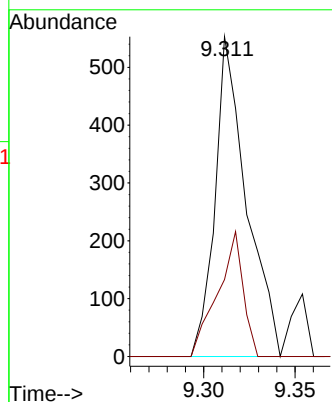
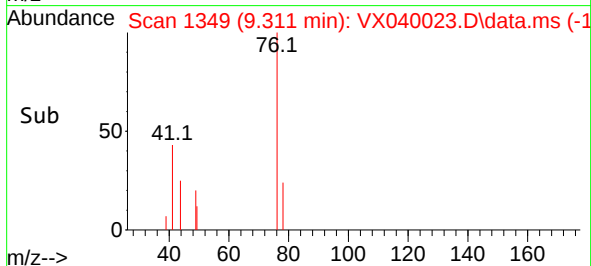
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



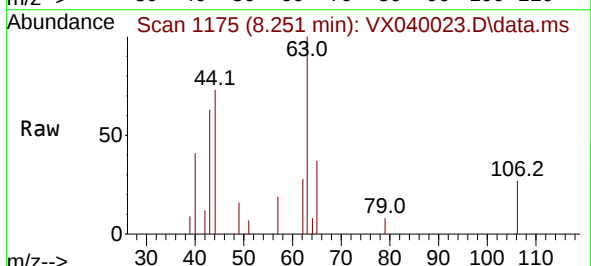
Tgt Ion: 76 Resp: 659
Ion Ratio Lower Upper
76 100
78 31.6 26.1 39.1

Manual Integrations
APPROVED

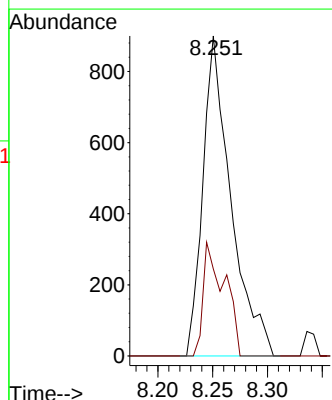
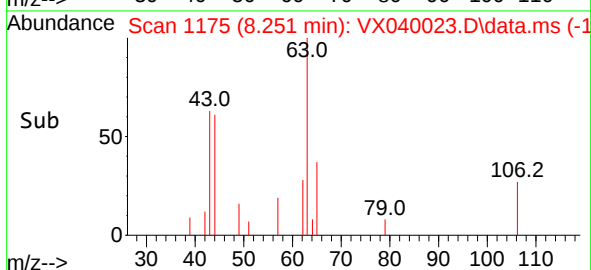
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

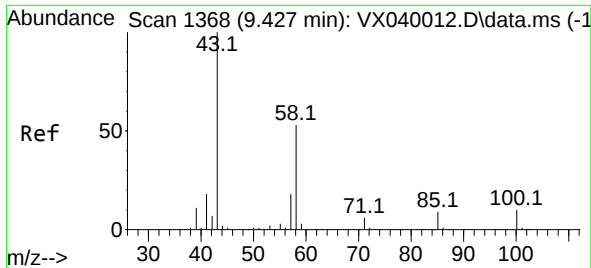


#58
2-Chloroethyl Vinyl ether
Concen: 1.920 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.012 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49



Tgt Ion: 63 Resp: 1602
Ion Ratio Lower Upper
63 100
106 27.0 22.5 33.7





#59

2-Hexanone

Concen: 1.673 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.012 min

Lab File: VX040023.D

Acq: 30 Jan 2024 16:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 43 Resp: 237

Ion Ratio Lower Upper

43 100

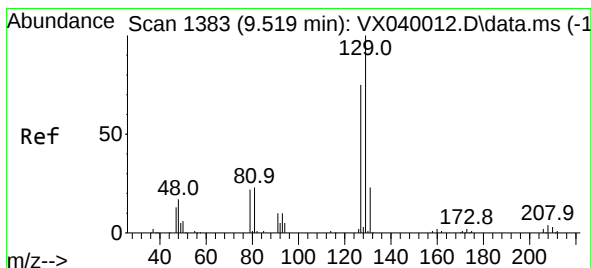
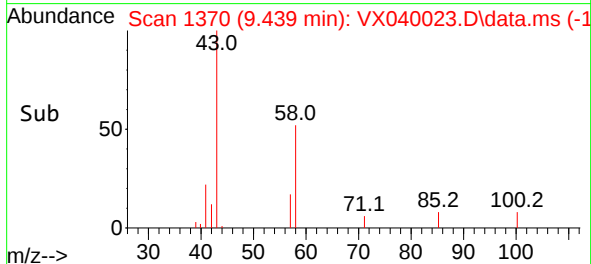
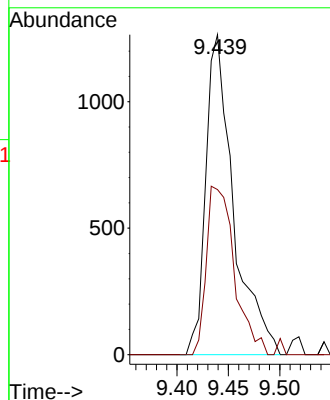
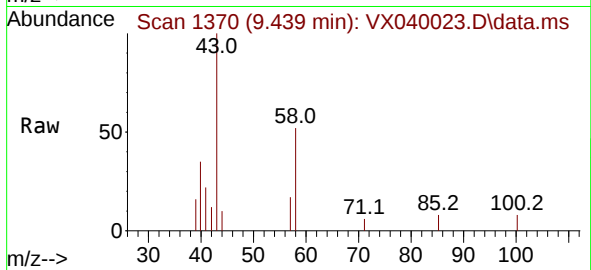
58 53.1 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#60

Dibromochloromethane

Concen: 0.350 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX040023.D

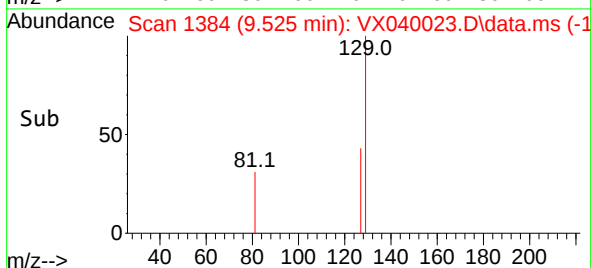
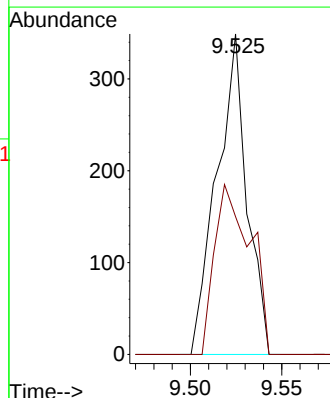
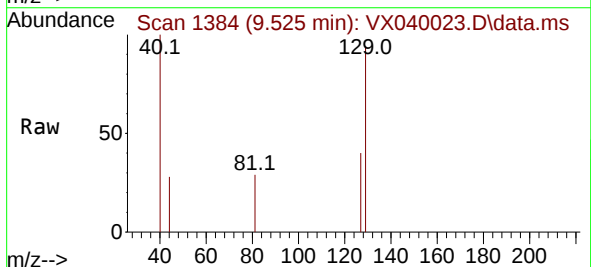
Acq: 30 Jan 2024 16:49

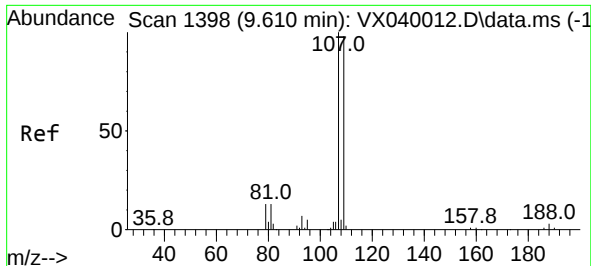
Tgt Ion:129 Resp: 400

Ion Ratio Lower Upper

129 100

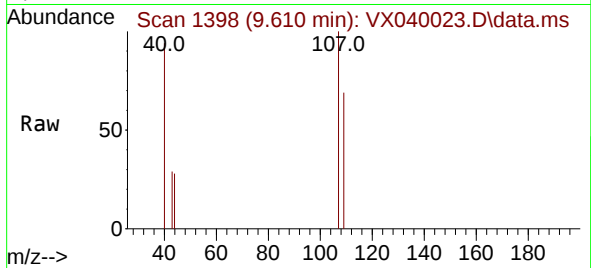
127 63.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 0.431 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

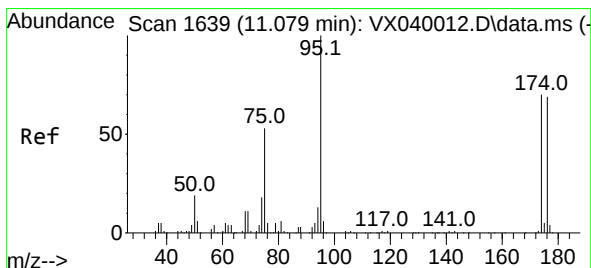
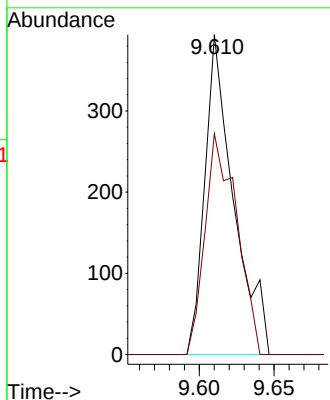
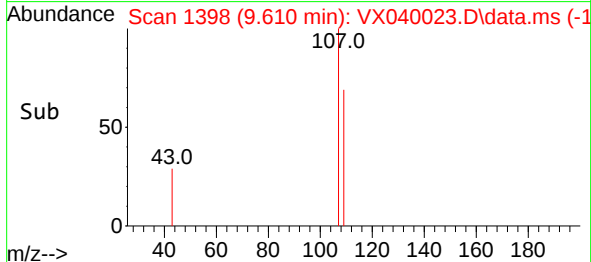
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



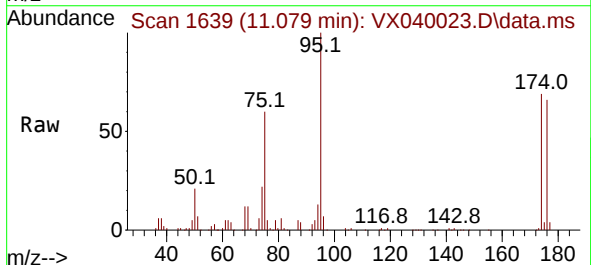
Tgt Ion:107 Resp: 529
Ion Ratio Lower Upper
107 100
109 75.8 75.2 112.8

Manual Integrations
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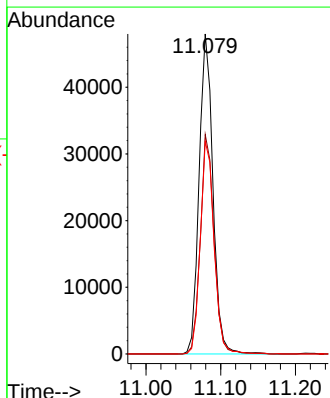
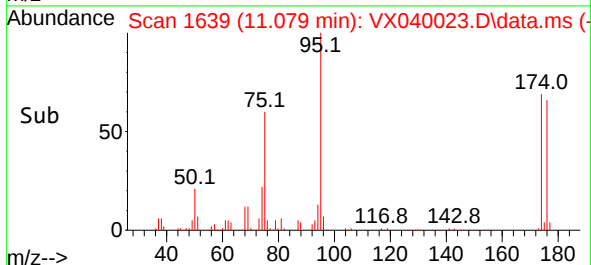
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

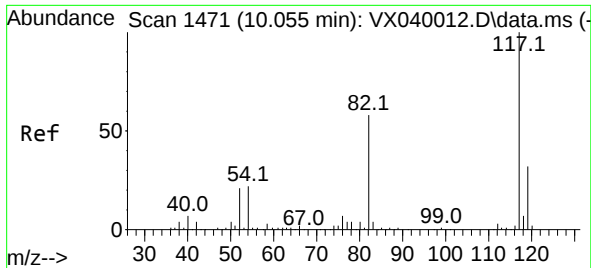


#62
4-Bromofluorobenzene
Concen: 40.872 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49



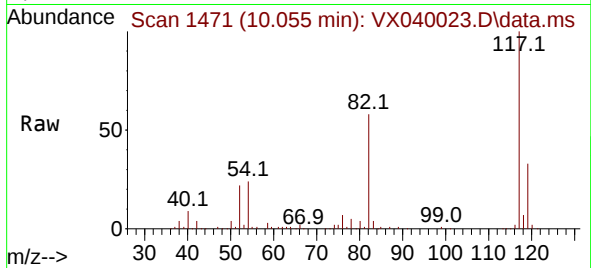
Tgt Ion: 95 Resp: 61543
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.6
176 66.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

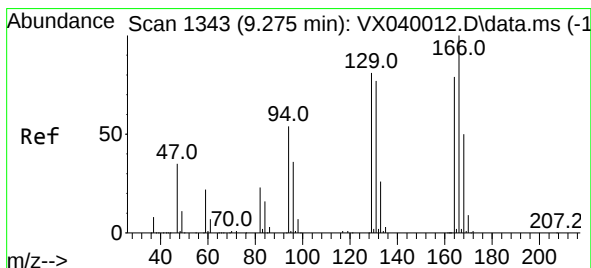
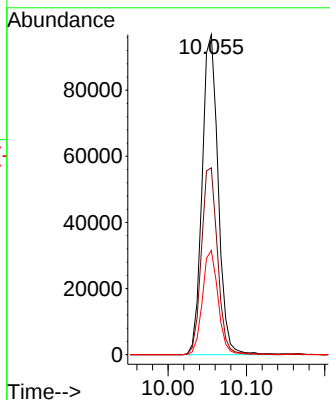
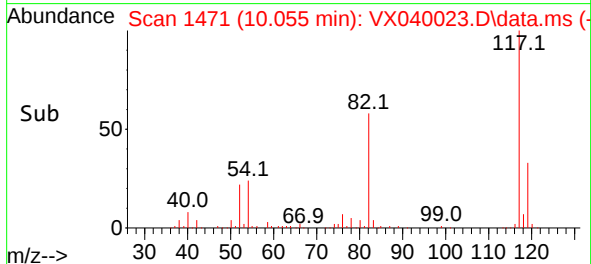
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion:117 Resp: 137329
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 32.6 25.5 38.3

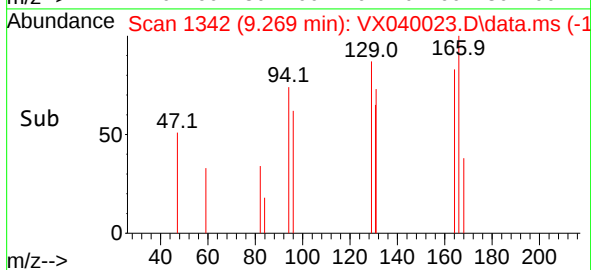
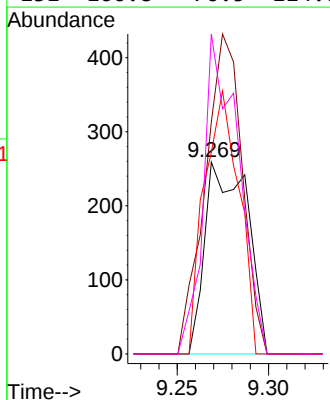
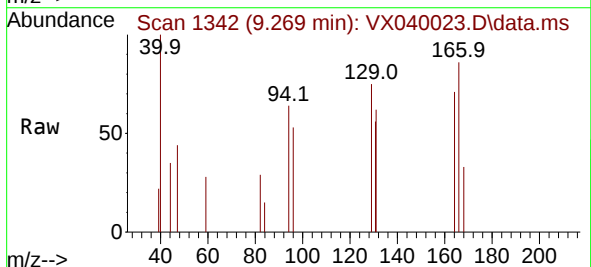
Manual Integrations
APPROVED

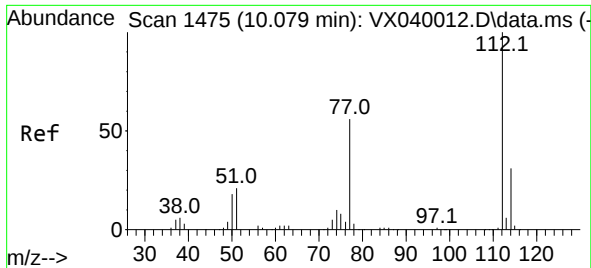
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#64
Tetrachloroethene
Concen: 0.467 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

Tgt Ion:164 Resp: 417
Ion Ratio Lower Upper
164 100
166 120.8 102.7 154.1
129 105.0 80.4 120.6
131 166.8 76.5 114.7#





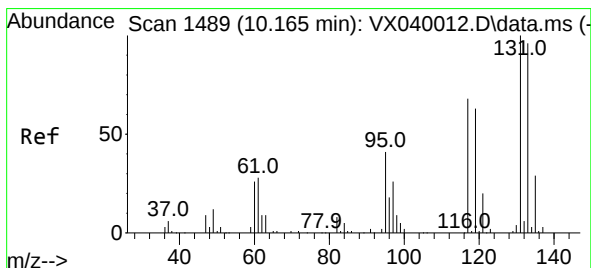
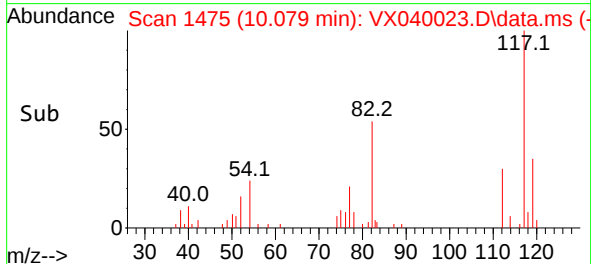
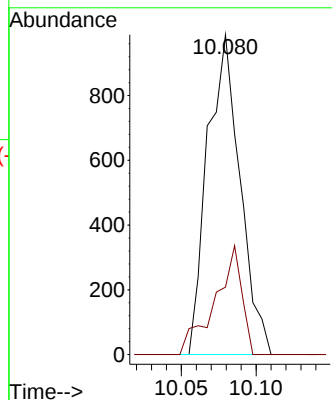
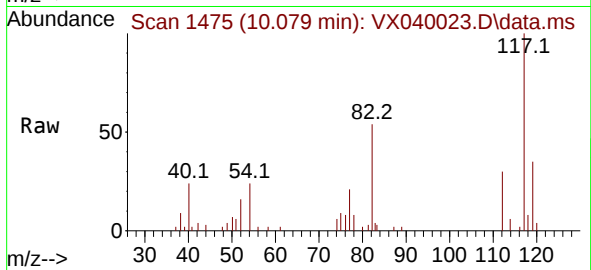
#65
Chlorobenzene
Concen: 0.527 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

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

Tgt Ion:112 Resp: 1490
Ion Ratio Lower Upper
112 100
114 21.1 25.7 38.5

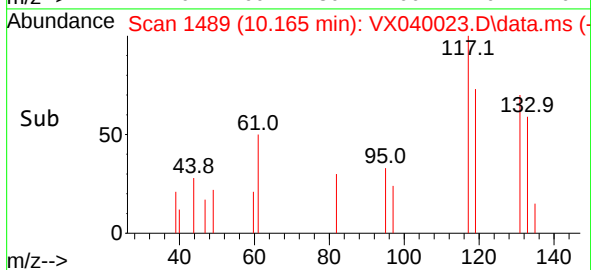
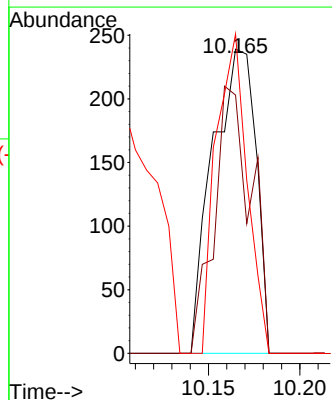
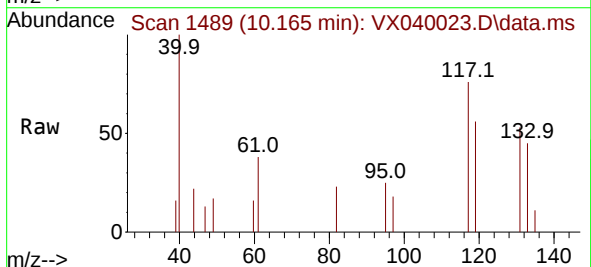
Manual Integrations
APPROVED

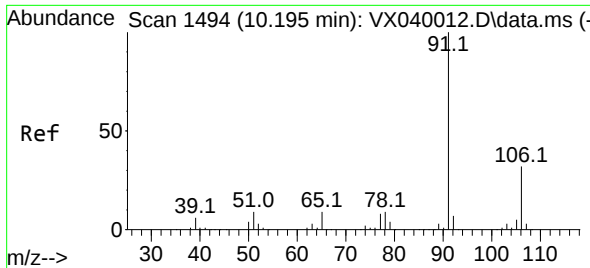
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 0.410 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

Tgt Ion:131 Resp: 393
Ion Ratio Lower Upper
131 100
133 75.6 47.1 141.4
119 0.0 32.2 96.6





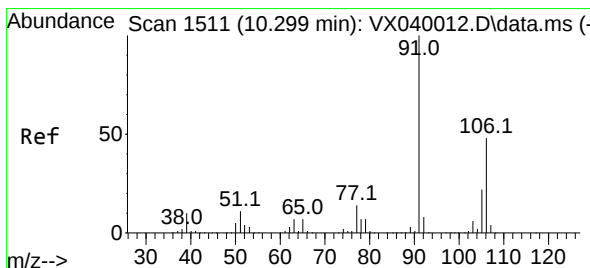
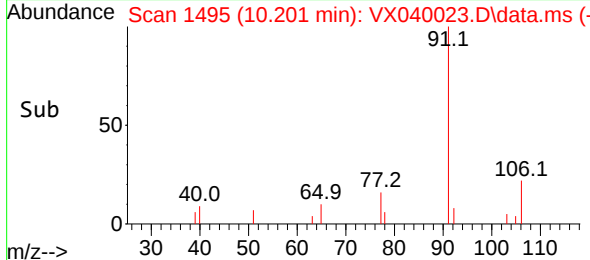
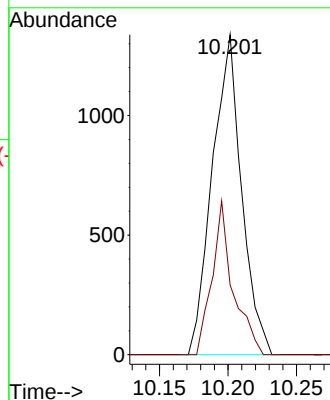
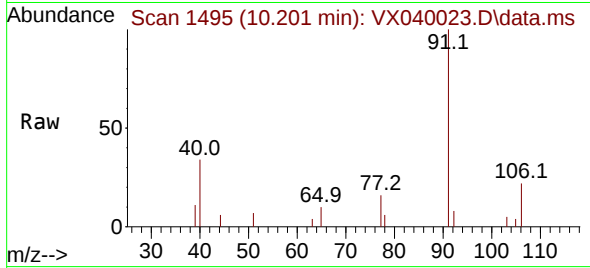
#67
Ethyl Benzene
Concen: 0.390 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

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

Tgt Ion: 91 Resp: 198
Ion Ratio Lower Upper
91 100
106 21.7 24.9 37.3

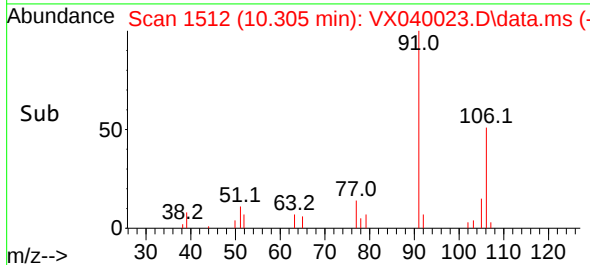
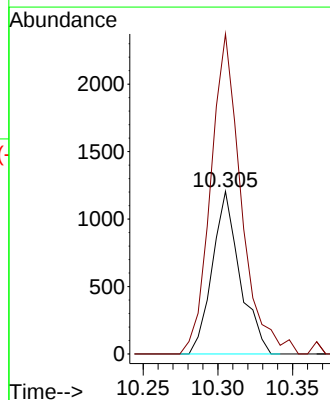
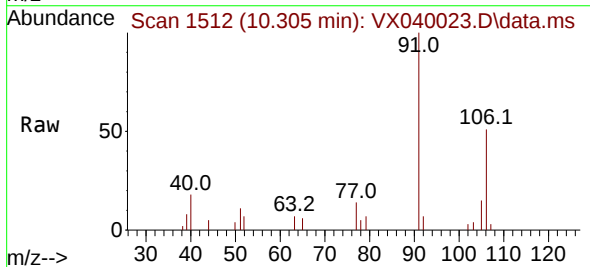
Manual Integrations
APPROVED

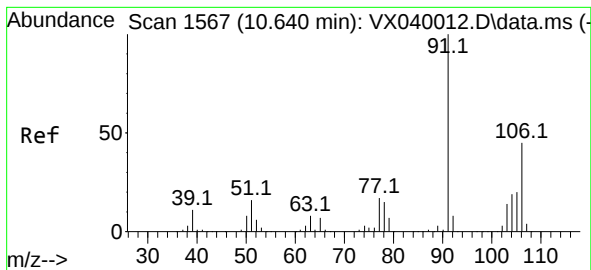
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#68
m/p-Xylenes
Concen: 0.807 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

Tgt Ion:106 Resp: 1546
Ion Ratio Lower Upper
106 100
91 217.2 165.5 248.3





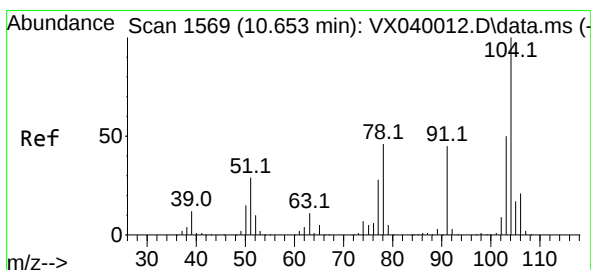
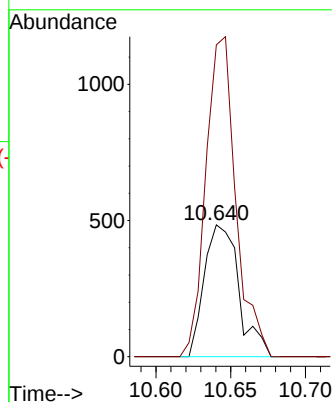
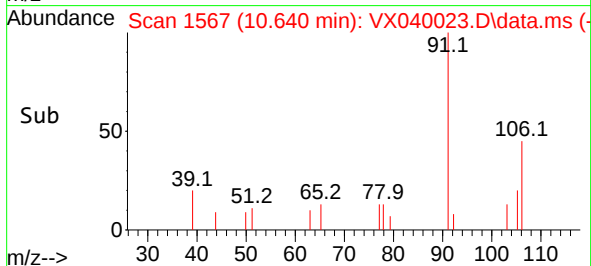
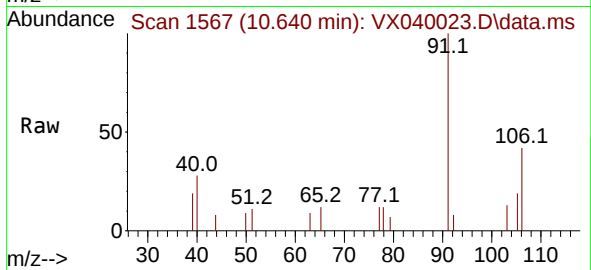
#69
o-Xylene
Concen: 0.427 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

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

Tgt Ion:106 Resp: 770
Ion Ratio Lower Upper
106 100
91 211.3 108.9 326.8

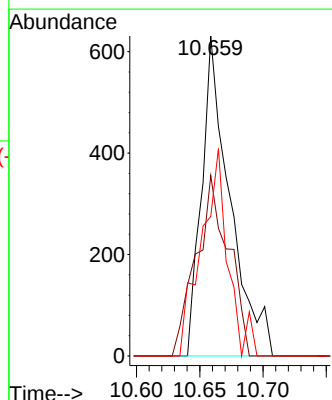
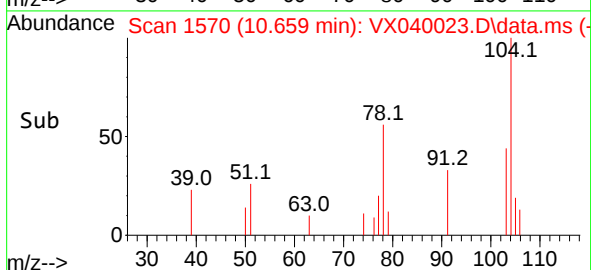
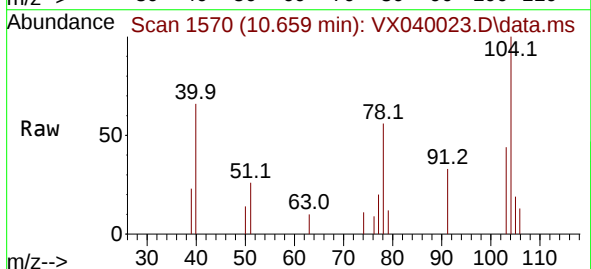
Manual Integrations
APPROVED

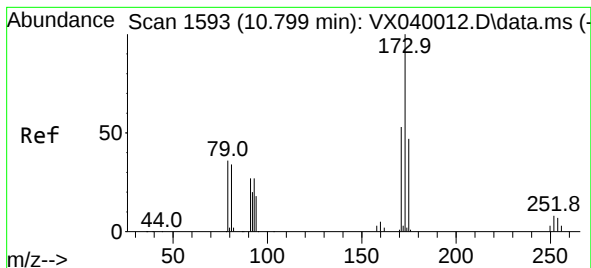
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#70
Styrene
Concen: 0.319 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

Tgt Ion:104 Resp: 978
Ion Ratio Lower Upper
104 100
78 64.7 43.6 65.4
103 61.0 43.6 65.4





#71

Bromoform

Concen: 0.424 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040023.D

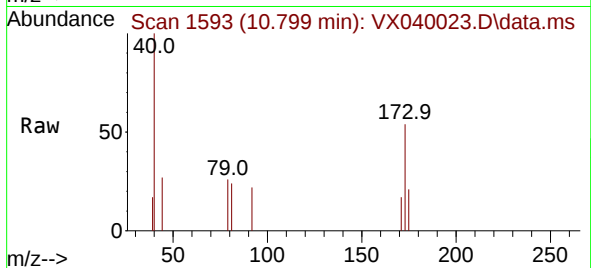
Acq: 30 Jan 2024 16:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



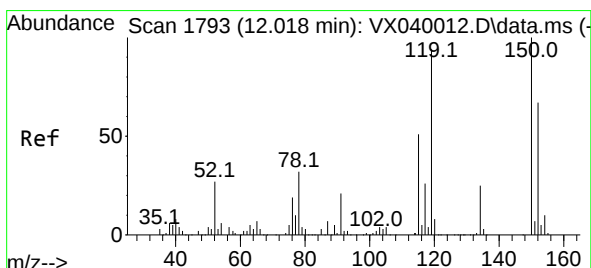
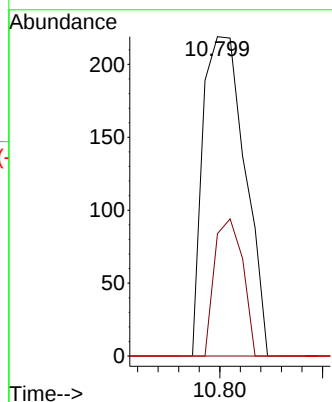
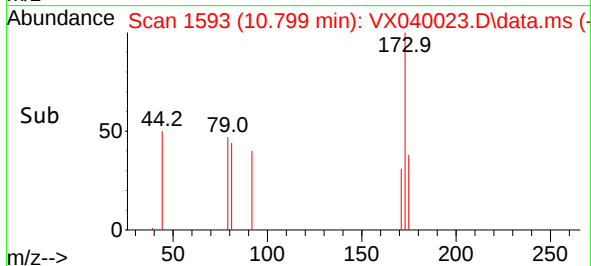
Tgt Ion:	173	Resp:	31
Ion Ratio	Lower	Upper	
173	100		
175	28.9	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

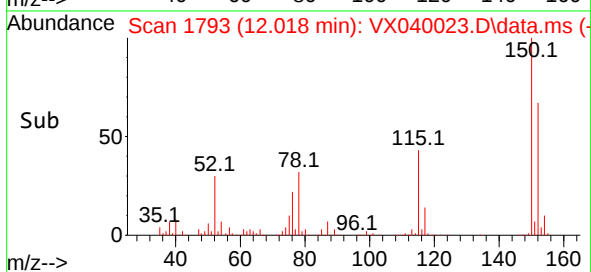
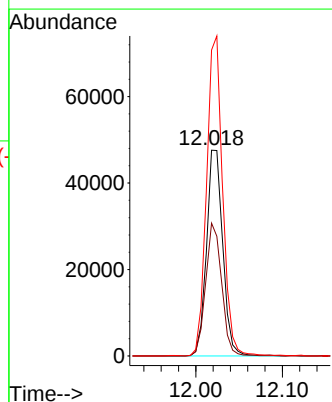
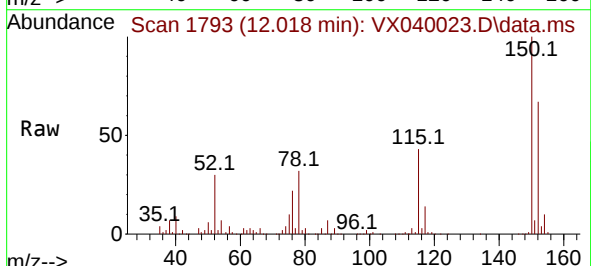
RT: 12.018 min Scan# 1793

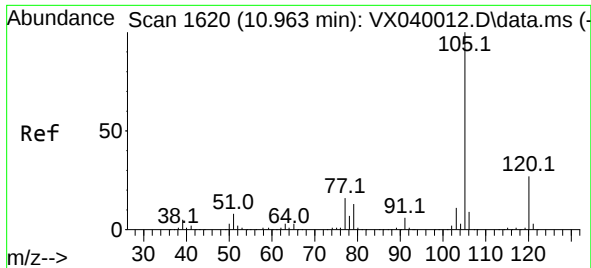
Delta R.T. 0.000 min

Lab File: VX040023.D

Acq: 30 Jan 2024 16:49

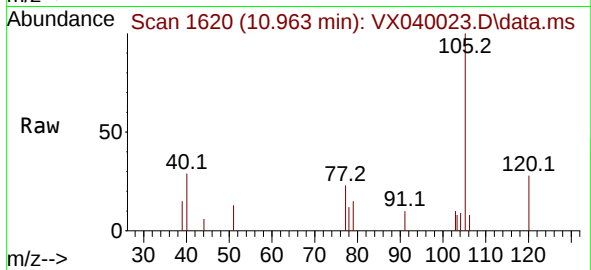
Tgt Ion:	152	Resp:	62149
Ion Ratio	Lower	Upper	
152	100		
115	63.5	43.3	129.9
150	153.7	0.0	345.0





#73
Isopropylbenzene
Concen: 0.394 ug/l
RT: 10.963 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

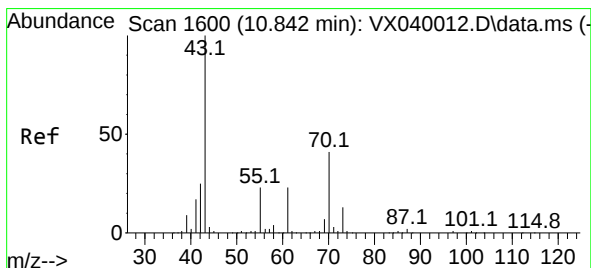
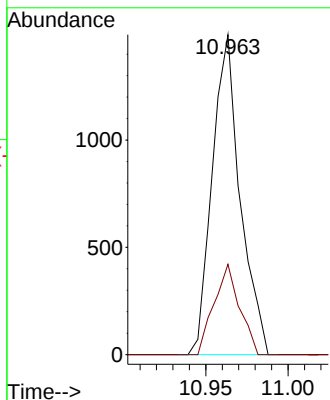
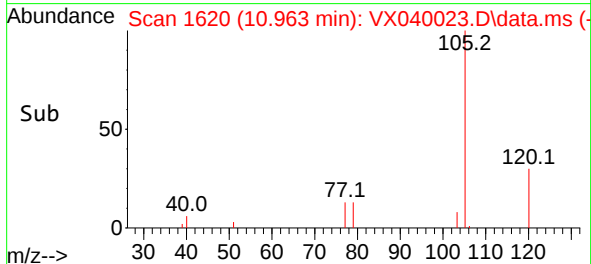
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:105 Resp: 1758
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6

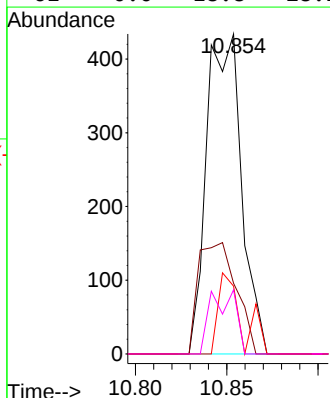
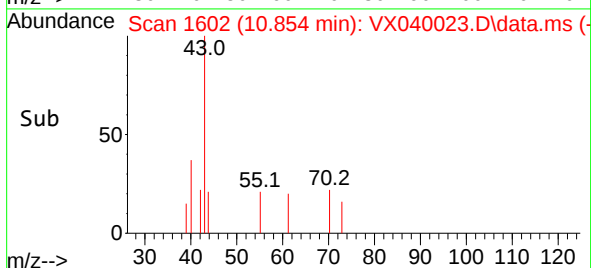
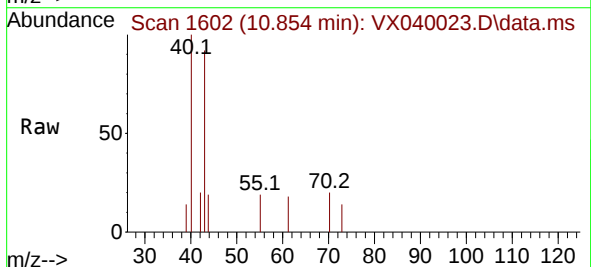
Manual Integrations
APPROVED

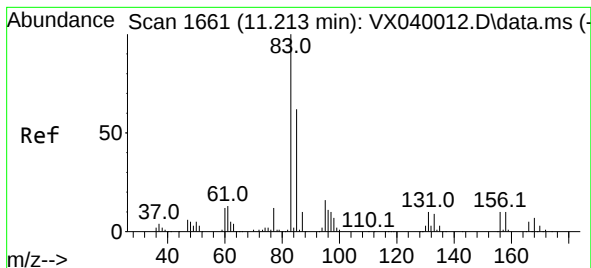
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#74
N-ethyl acetate
Concen: 0.283 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

Tgt Ion: 43 Resp: 575
Ion Ratio Lower Upper
43 100
70 37.9 32.9 49.3
55 17.2 19.3 28.9#
61 0.0 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.394 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX040023.D

Acq: 30 Jan 2024 16:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

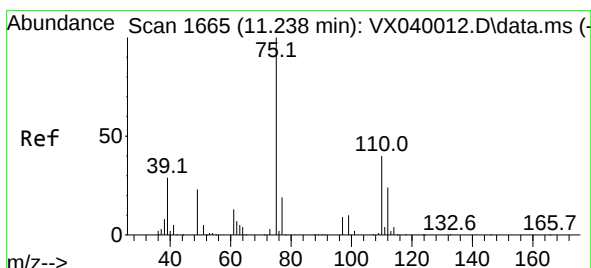
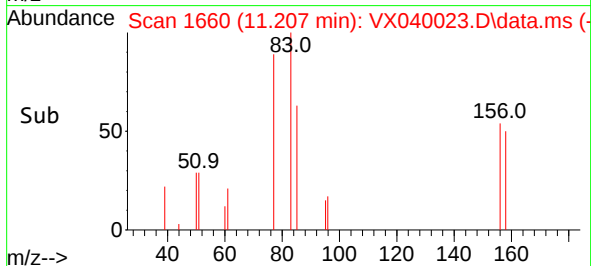
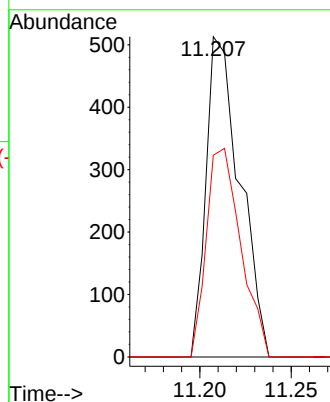
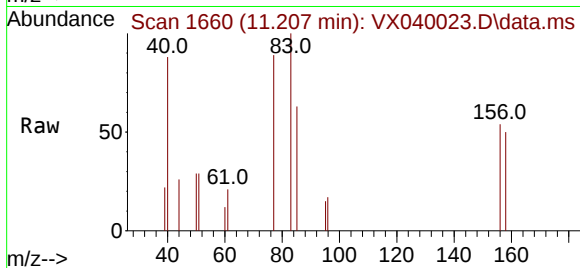
Tgt Ion:	83	Resp:	66
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	15.8
85	66.1	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#76

1,2,3-Trichloropropane

Concen: 0.465 ug/l m

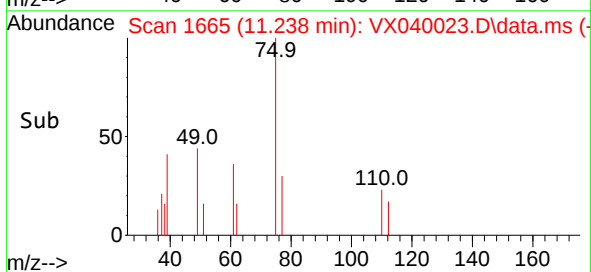
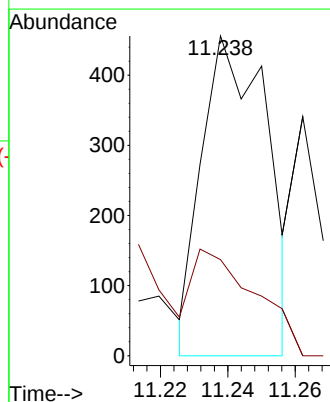
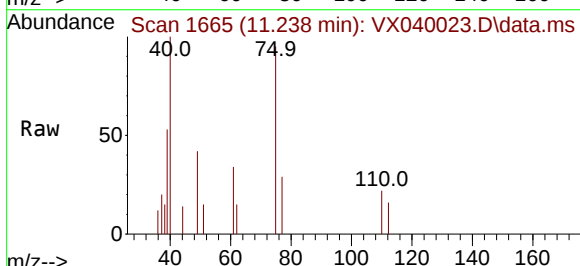
RT: 11.238 min Scan# 1665

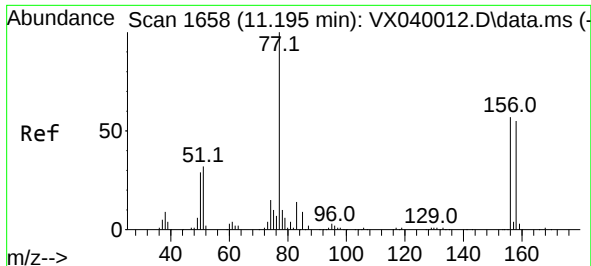
Delta R.T. 0.000 min

Lab File: VX040023.D

Acq: 30 Jan 2024 16:49

Tgt Ion:	75	Resp:	615
Ion	Ratio	Lower	Upper
75	100		
77	62.3	19.1	57.5





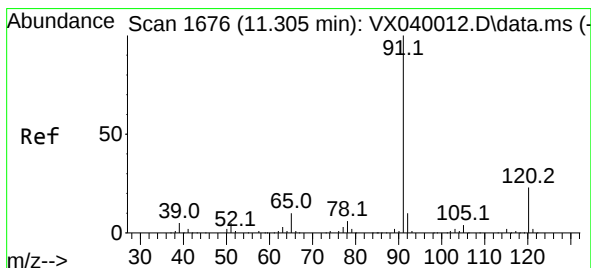
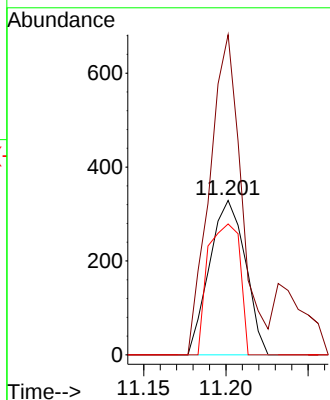
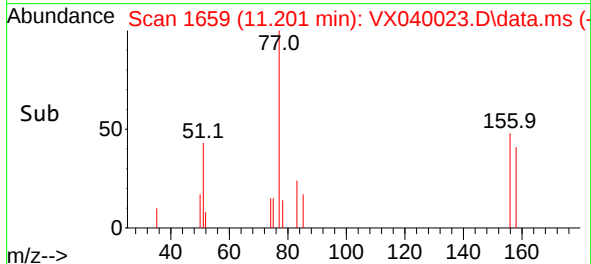
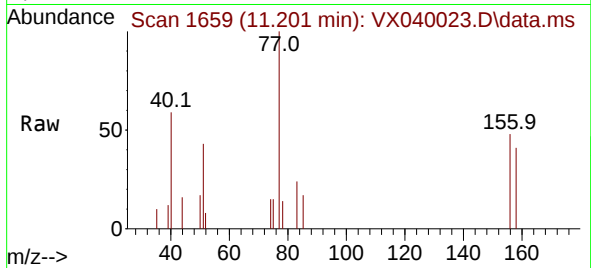
#77
Bromobenzene
Concen: 0.486 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

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

Tgt Ion:156 Resp: 500
Ion Ratio Lower Upper
156 100
77 184.6 88.4 265.3
158 75.2 48.0 144.0

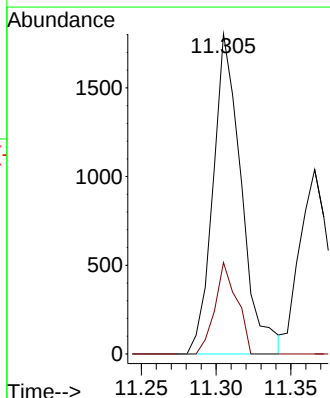
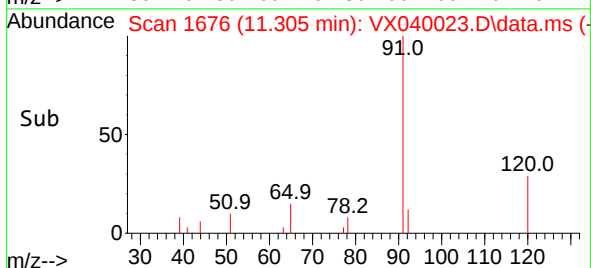
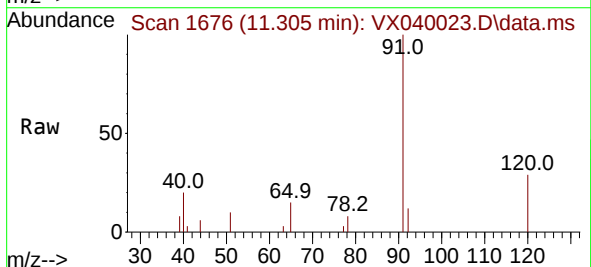
Manual Integrations
APPROVED

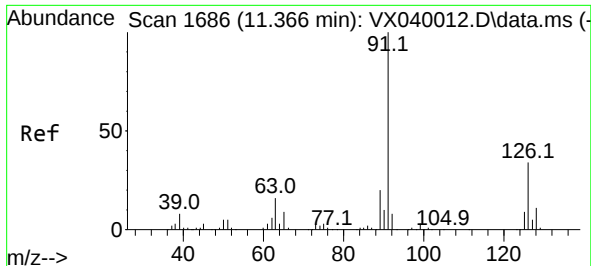
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#78
n-propylbenzene
Concen: 0.434 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

Tgt Ion: 91 Resp: 2381
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4





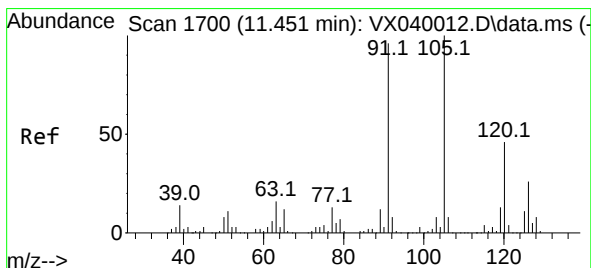
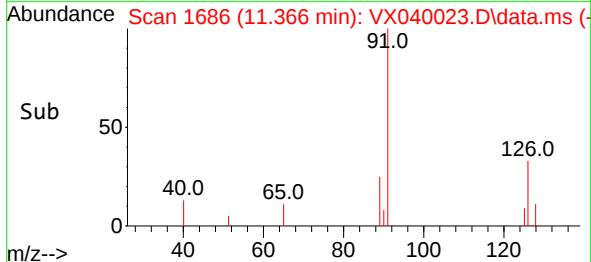
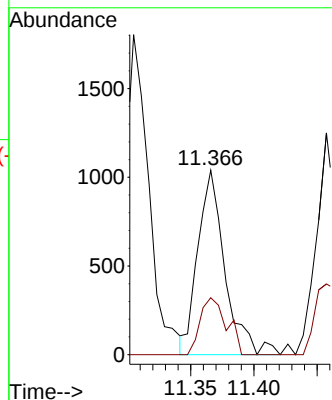
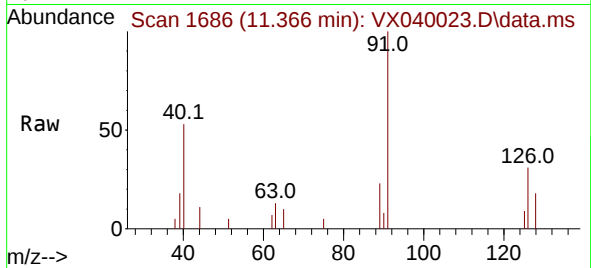
#79
2-Chlorotoluene
Concen: 0.469 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

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

Tgt Ion: 91 Resp: 1552
Ion Ratio Lower Upper
91 100
126 30.2 16.3 48.8

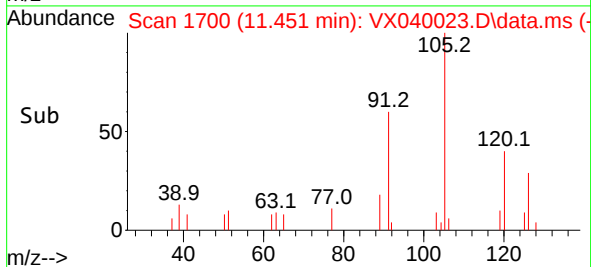
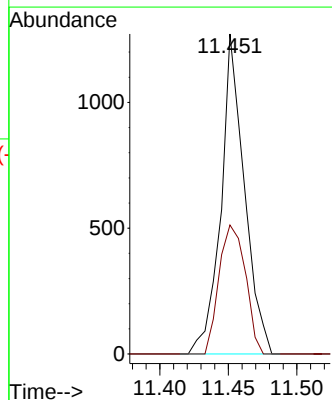
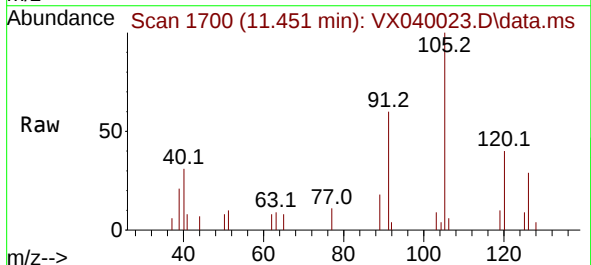
Manual Integrations
APPROVED

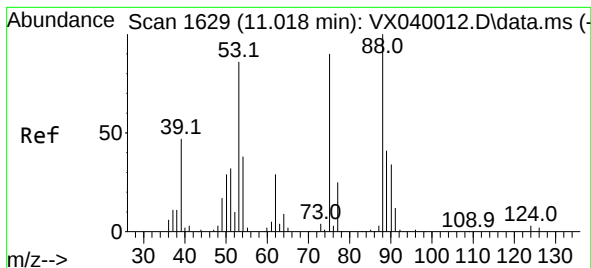
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#80
1,3,5-Trimethylbenzene
Concen: 0.394 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

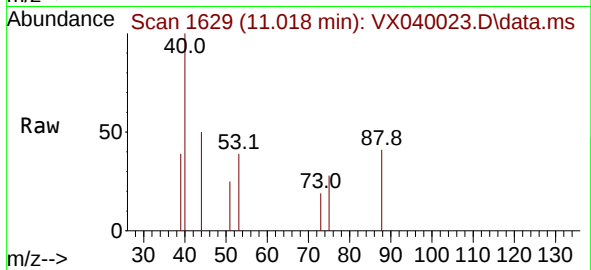
Tgt Ion:105 Resp: 1511
Ion Ratio Lower Upper
105 100
120 45.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 0.235 ug/l m
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

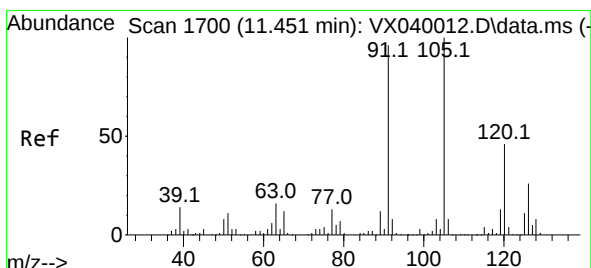
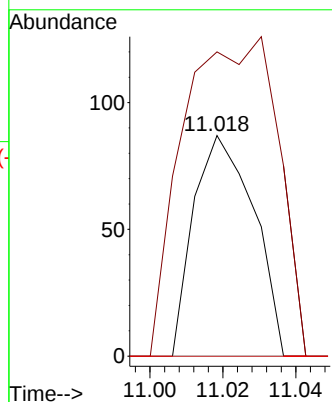
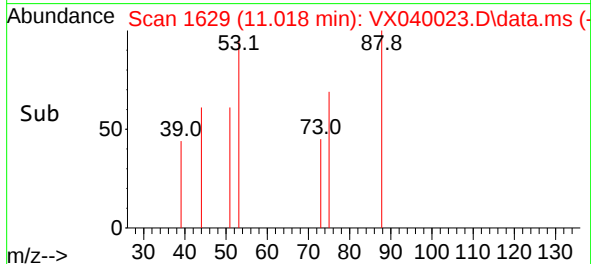
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



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

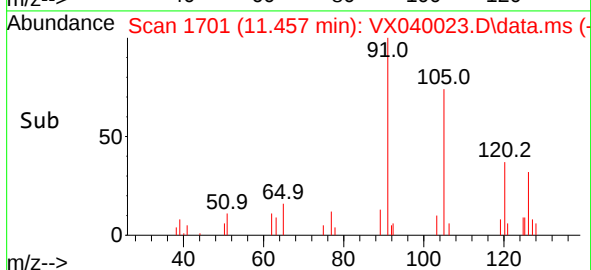
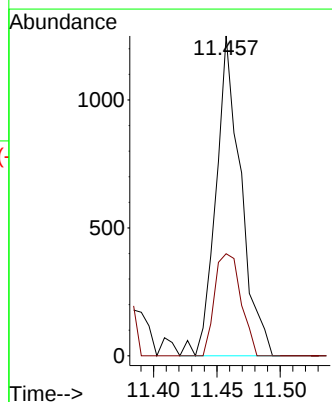
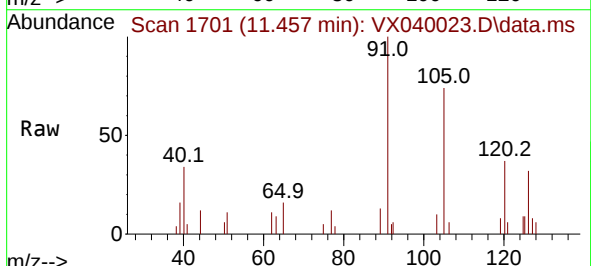
Manual Integrations
APPROVED

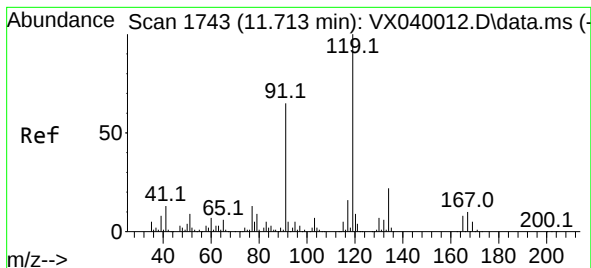
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#82
4-Chlorotoluene
Concen: 0.451 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

Tgt Ion: 91 Resp: 1711
Ion Ratio Lower Upper
91 100
126 33.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.373 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040023.D

Acq: 30 Jan 2024 16:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

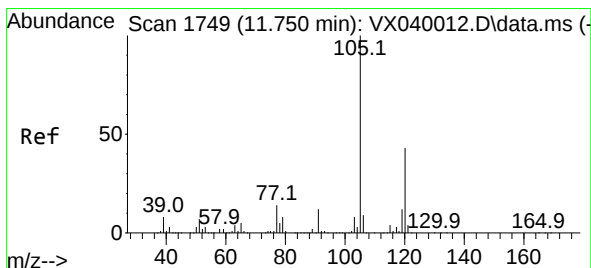
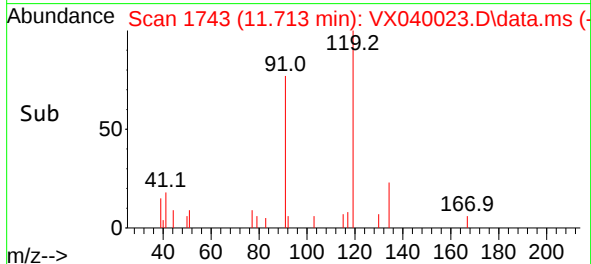
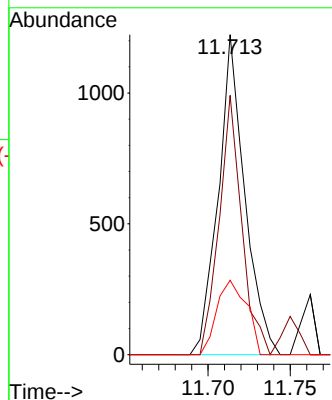
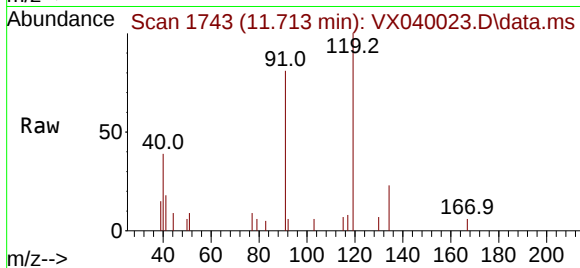
Tgt Ion:	119	Resp:	137
Ion Ratio	Lower	Upper	
119	100		
91	68.9	31.2	93.6
134	26.0	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#84

1,2,4-Trimethylbenzene

Concen: 0.368 ug/l

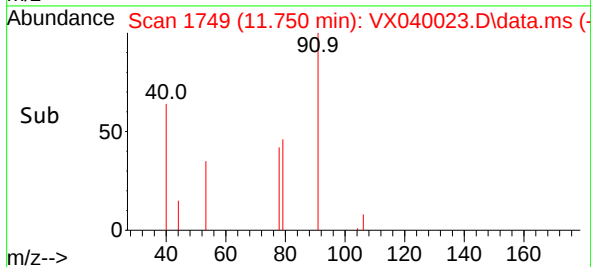
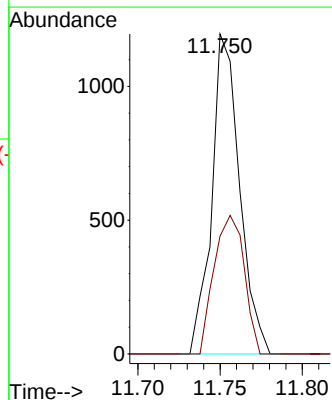
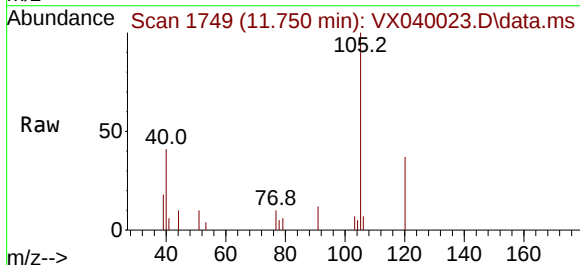
RT: 11.750 min Scan# 1749

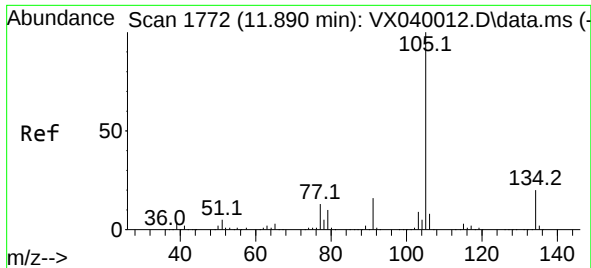
Delta R.T. 0.000 min

Lab File: VX040023.D

Acq: 30 Jan 2024 16:49

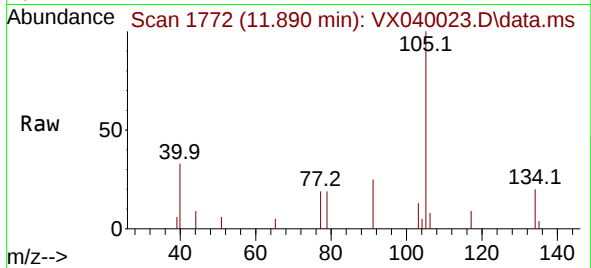
Tgt Ion:	105	Resp:	1407
Ion Ratio	Lower	Upper	
105	100		
120	46.8	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 0.382 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040023.D
 Acq: 30 Jan 2024 16:49

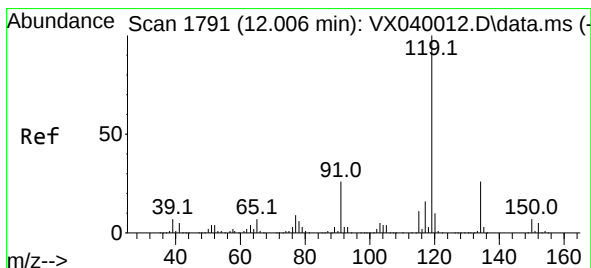
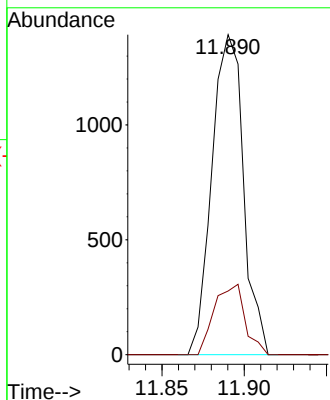
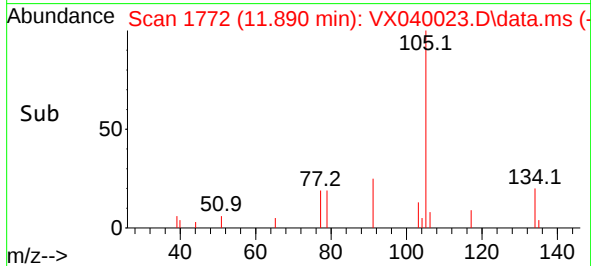
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024



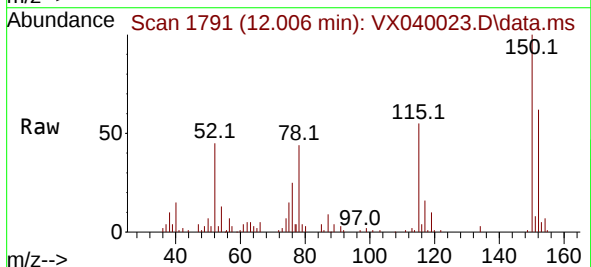
Tgt Ion:105 Resp: 185
 Ion Ratio Lower Upper
 105 100
 134 21.4 9.8 29.4

Manual Integrations
 APPROVED

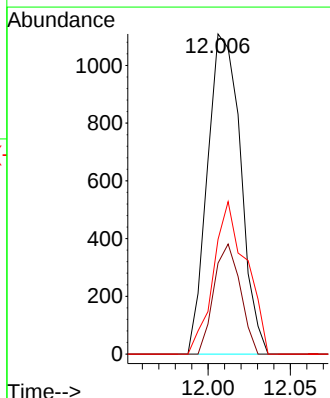
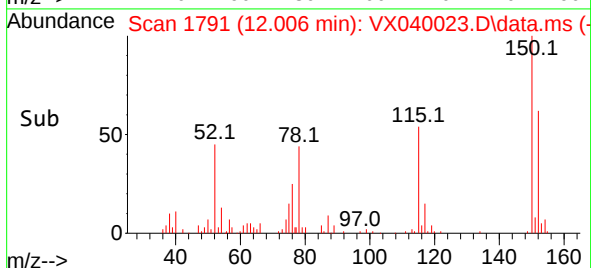
Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024

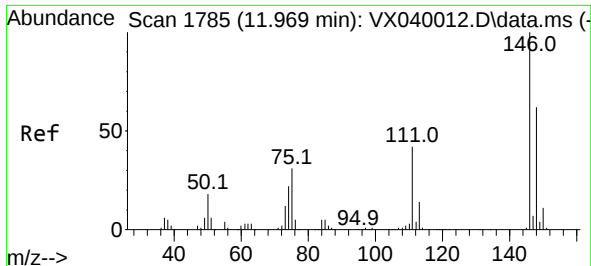


#86
 p-Isopropyltoluene
 Concen: 0.392 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040023.D
 Acq: 30 Jan 2024 16:49



Tgt Ion:119 Resp: 1557
 Ion Ratio Lower Upper
 119 100
 134 27.3 12.8 38.3
 91 47.3 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.506 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040023.D

Acq: 30 Jan 2024 16:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion:146 Resp: 105

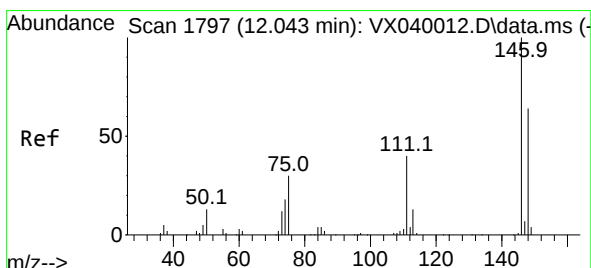
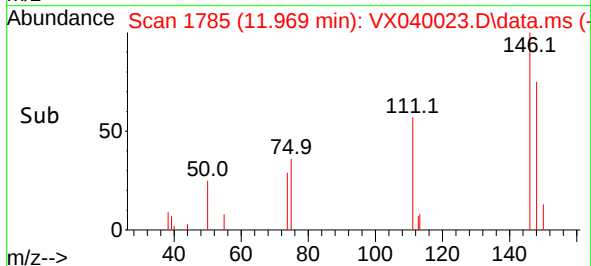
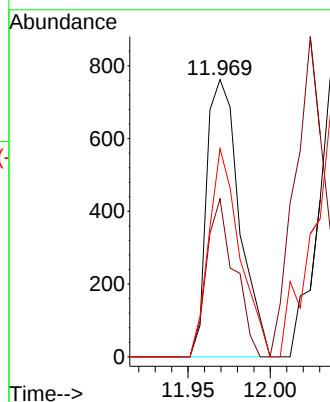
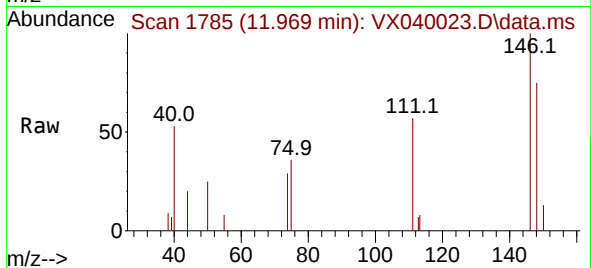
Ion	Ratio	Lower	Upper
146	100		
111	48.9	22.1	66.1
148	71.3	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#88

1,4-Dichlorobenzene

Concen: 0.562 ug/l m

RT: 12.043 min Scan# 1797

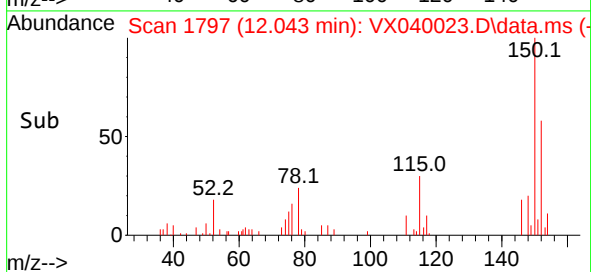
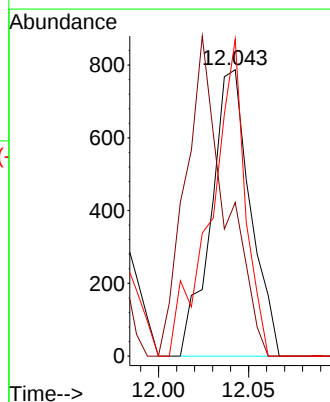
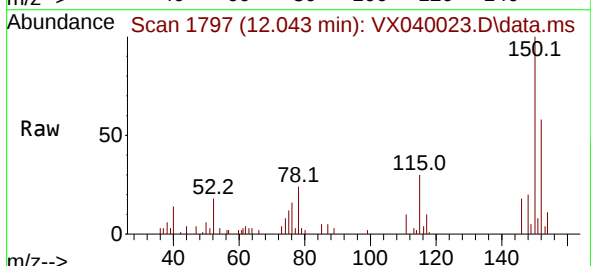
Delta R.T. 0.000 min

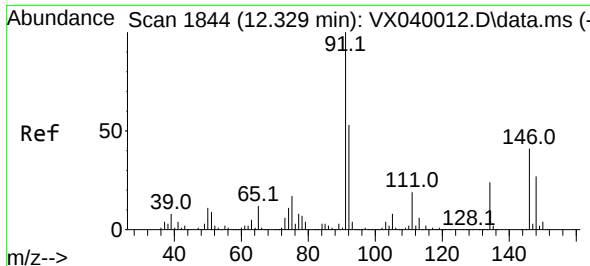
Lab File: VX040023.D

Acq: 30 Jan 2024 16:49

Tgt Ion:146 Resp: 1195

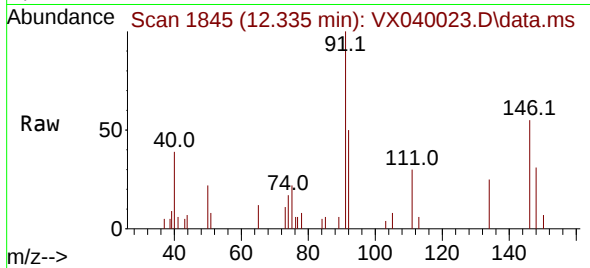
Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.3	63.7
148	62.7	31.8	95.4





#89
n-Butylbenzene
Concen: 0.424 ug/l
RT: 12.335 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

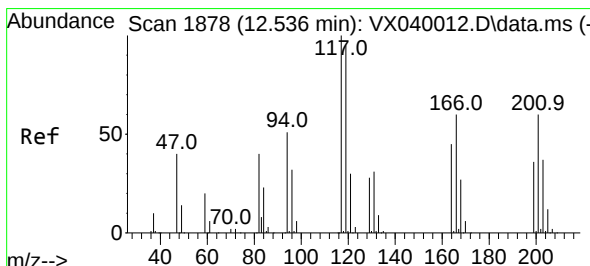
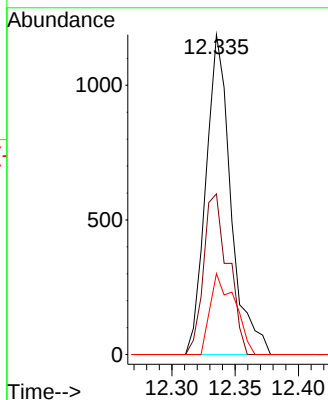
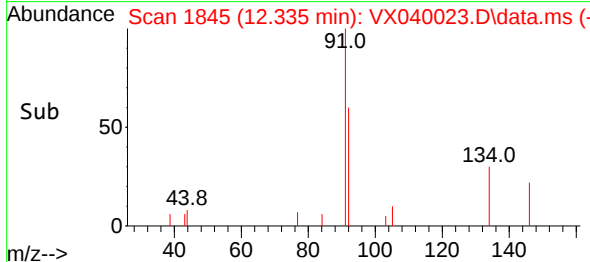
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 91 Resp: 163
Ion Ratio Lower Upper
91 100
92 49.4 27.4 82.0
134 24.8 12.6 37.8

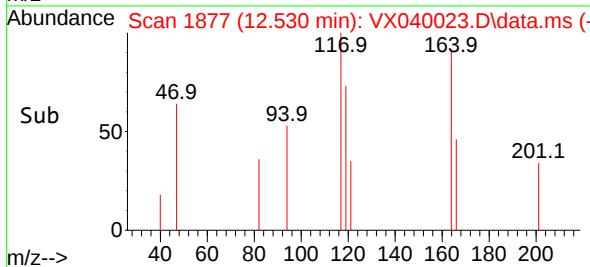
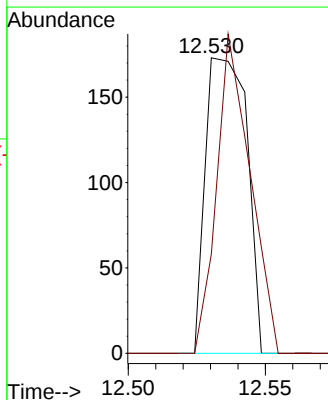
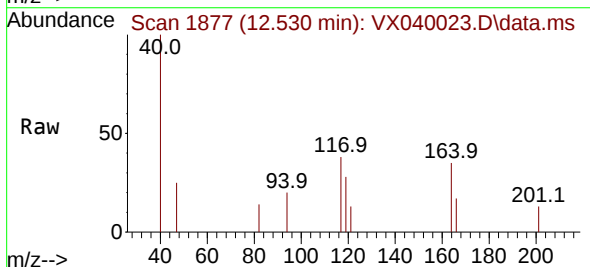
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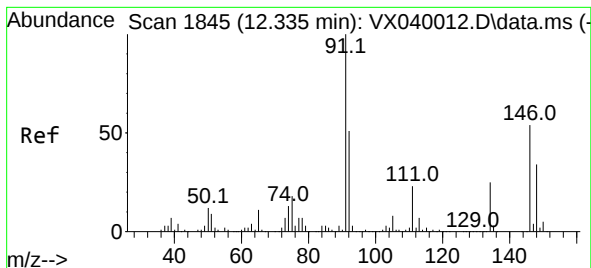
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#90
Hexachloroethane
Concen: 0.290 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

Tgt Ion:117 Resp: 182
Ion Ratio Lower Upper
117 100
201 87.4 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 0.431 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040023.D

Acq: 30 Jan 2024 16:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion:146 Resp: 86.0

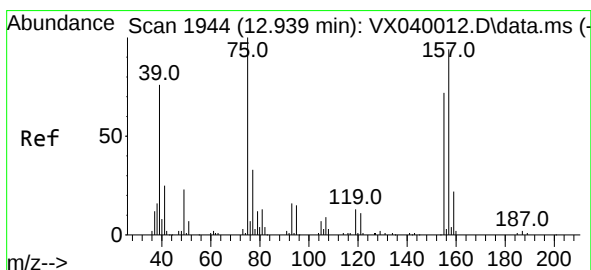
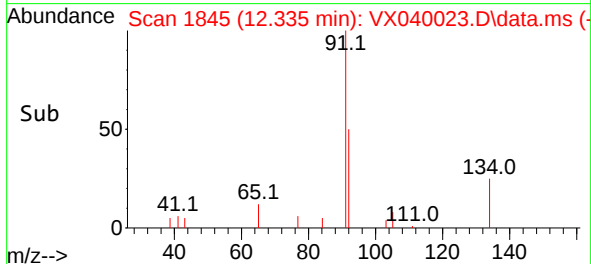
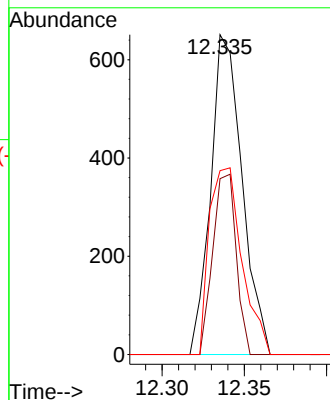
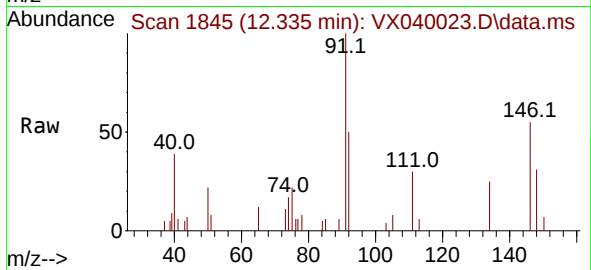
Ion	Ratio	Lower	Upper
146	100		
111	41.9	22.4	67.0
148	60.6	31.6	95.0

Manual Integrations

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Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.263 ug/l

RT: 12.945 min Scan# 1945

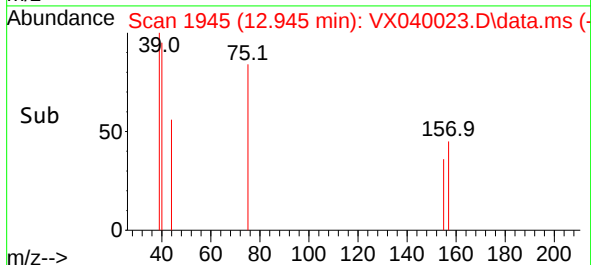
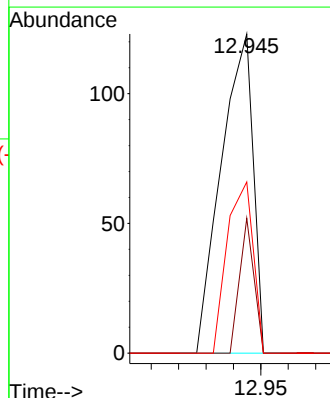
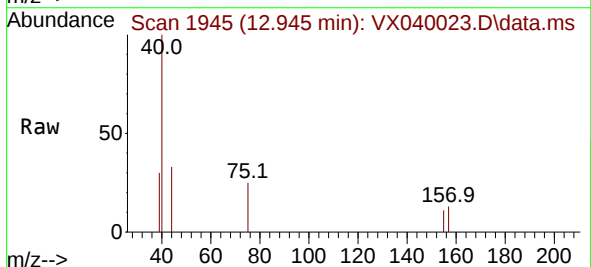
Delta R.T. 0.006 min

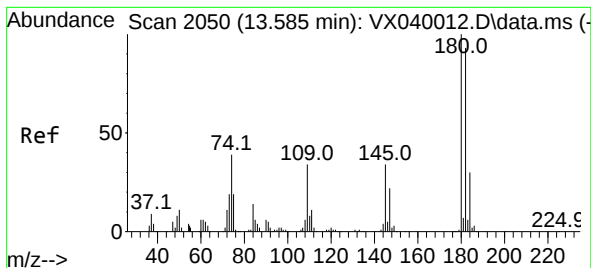
Lab File: VX040023.D

Acq: 30 Jan 2024 16:49

Tgt Ion: 75 Resp: 100

Ion	Ratio	Lower	Upper
75	100		
155	19.0	36.1	108.5#
157	44.0	44.9	134.7#





#93

1,2,4-Trichlorobenzene

Concen: 0.538 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040023.D

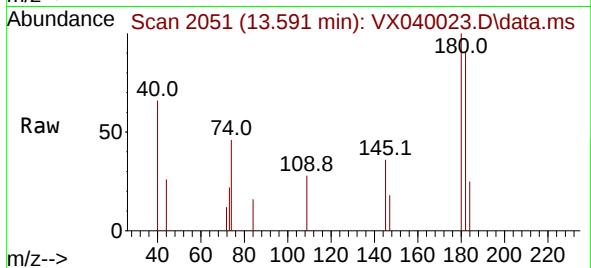
Acq: 30 Jan 2024 16:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



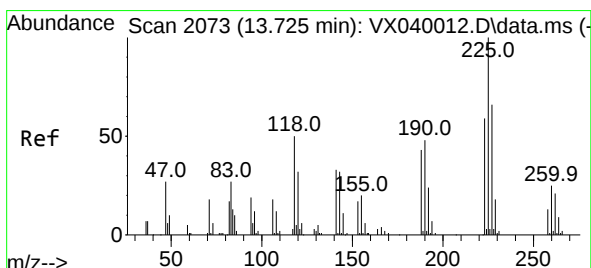
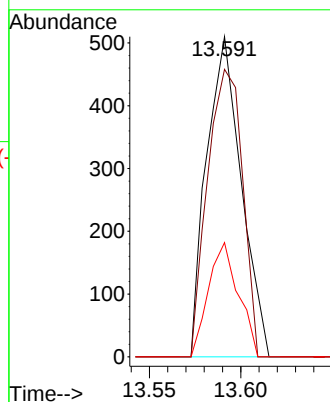
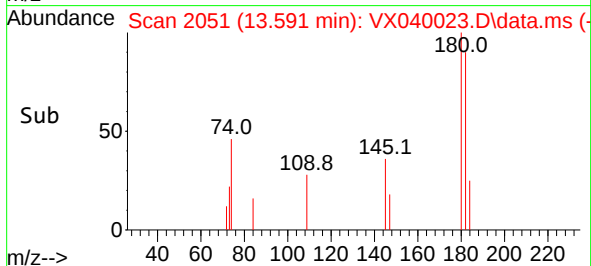
Tgt Ion:	180	Resp:	67
Ion Ratio	Lower	Upper	
180	100		
182	90.5	48.3	144.8
145	30.9	18.0	54.0

Manual Integrations

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Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#94

Hexachlorobutadiene

Concen: 0.479 ug/l

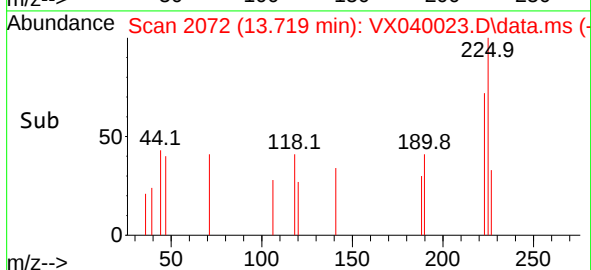
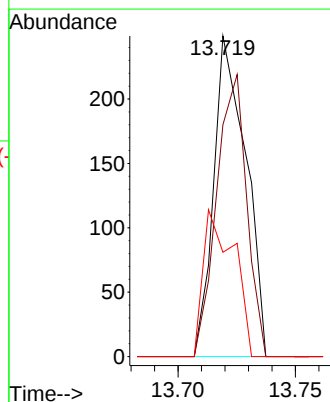
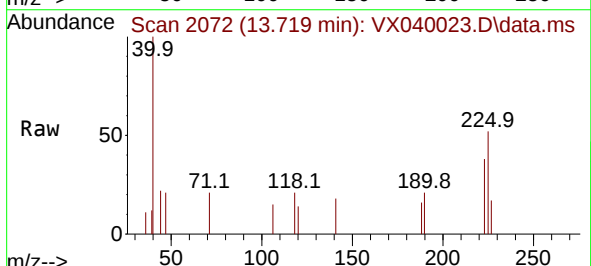
RT: 13.719 min Scan# 2072

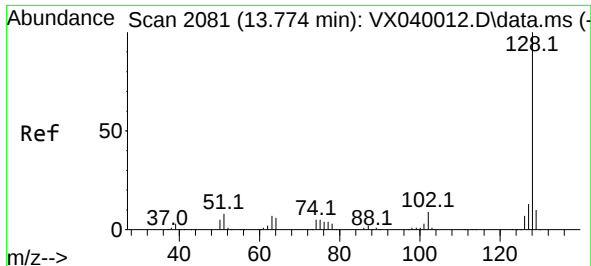
Delta R.T. -0.006 min

Lab File: VX040023.D

Acq: 30 Jan 2024 16:49

Tgt Ion:	225	Resp:	236
Ion Ratio	Lower	Upper	
225	100		
223	82.6	31.1	93.2
227	44.1	32.5	97.5





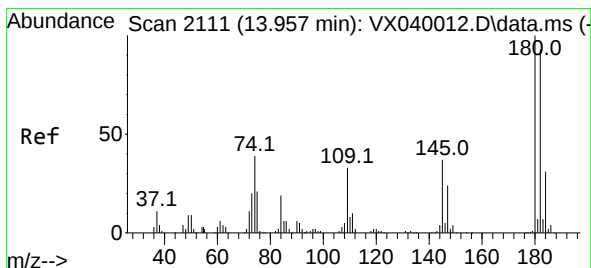
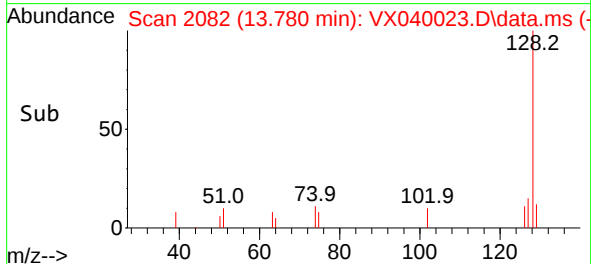
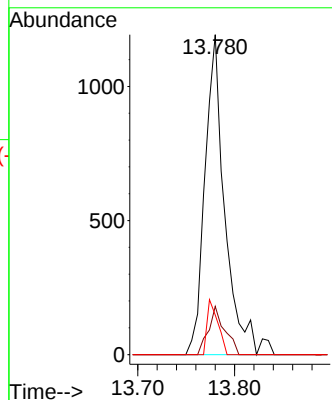
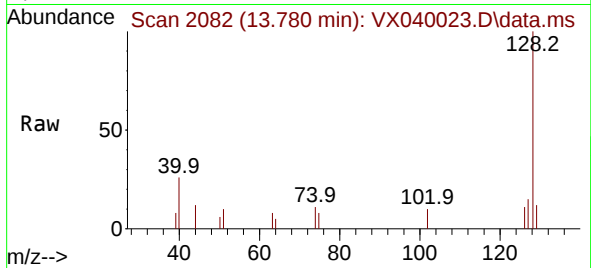
#95
Naphthalene
Concen: 0.406 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

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

Tgt Ion:128 Resp: 1720
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 9.2 8.8 13.2

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Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#96
1,2,3-Trichlorobenzene
Concen: 0.449 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040023.D
Acq: 30 Jan 2024 16:49

Tgt Ion:180 Resp: 556
Ion Ratio Lower Upper
180 100
182 101.6 46.9 140.6
145 33.5 17.8 53.5

