

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040022.D
 Acq On : 30 Jan 2024 16:26
 Operator : JC/MD
 Sample : P1187-07 0.2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jan 31 06:40:57 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	5.550	168	84555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155083	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74611	54.829	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.660%			
35) Dibromofluoromethane	5.385	113	55088	52.181	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.360%			
50) Toluene-d8	8.647	98	197374	49.993	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.980%			
62) 4-Bromofluorobenzene	11.079	95	73508	48.354	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	183	0.192	ug/l #	41
3) Chloromethane	1.295	50	276	0.306	ug/l	93
4) Vinyl Chloride	1.374	62	216	0.259	ug/l #	76
5) Bromomethane	1.612	94	71	0.087	ug/l #	60
6) Chloroethane	1.691	64	160	0.290	ug/l #	43
7) Trichlorofluoromethane	1.886	101	404	0.304	ug/l #	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	273	0.275	ug/l #	61
10) Methyl Iodide	2.459	142	217	0.206	ug/l #	45
11) Tert butyl alcohol	2.953	59	439	1.778	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	259	0.272	ug/l #	93
13) Acrolein	2.240	56	181	0.765	ug/l	99
14) Allyl chloride	2.666	41	447	0.261	ug/l #	74
15) Acrylonitrile	3.075	53	650	1.051	ug/l	95
16) Acetone	2.374	43	1048	1.644	ug/l	91
17) Carbon Disulfide	2.514	76	1273	0.458	ug/l #	93
18) Methyl Acetate	2.703	43	295	0.195	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	774	0.238	ug/l #	54
20) Methylene Chloride	2.788	84	358	0.316	ug/l #	86
21) trans-1,2-Dichloroethene	3.099	96	346	0.330	ug/l #	57
22) Diisopropyl ether	3.764	45	706	0.213	ug/l #	63
23) Vinyl Acetate	3.745	43	2556	0.860	ug/l #	73
24) 1,1-Dichloroethane	3.617	63	403	0.212	ug/l #	83
25) 2-Butanone	4.587	43	884m	0.997	ug/l	
26) 2,2-Dichloropropane	4.471	77	263	0.177	ug/l #	54
27) cis-1,2-Dichloroethene	4.501	96	93	0.080	ug/l	76
28) Bromochloromethane	4.904	49	24	0.027	ug/l #	1
29) Tetrahydrofuran	5.019	42	371m	0.658	ug/l	
30) Chloroform	5.099	83	425	0.208	ug/l #	68
31) Cyclohexane	5.471	56	384	0.225	ug/l #	70
32) 1,1,1-Trichloroethane	5.379	97	367	0.209	ug/l #	23
36) 1,1-Dichloropropene	5.696	75	443	0.290	ug/l #	48
37) Ethyl Acetate	4.715	43	81	0.049	ug/l #	69
38) Carbon Tetrachloride	5.666	117	311m	0.213	ug/l	
39) Methylcyclohexane	7.379	83	404	0.217	ug/l #	77
40) Benzene	6.038	78	1073	0.241	ug/l #	89
41) Methacrylonitrile	4.940	41	51	0.060	ug/l #	21

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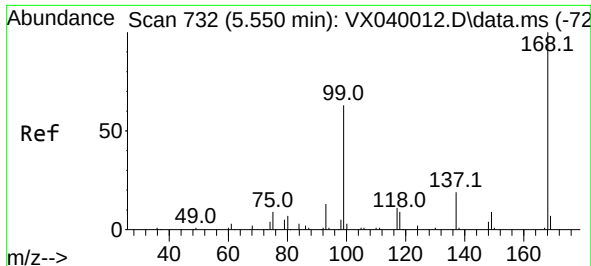
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.092	62	326	0.190	ug/l #	77
43) Isopropyl Acetate	6.342	43	563m	0.214	ug/l	
44) Trichloroethene	7.123	130	290	0.248	ug/l	43
45) 1,2-Dichloropropane	7.440	63	147	0.125	ug/l #	44
46) Dibromomethane	7.580	93	142	0.161	ug/l #	16
47) Bromodichloromethane	7.824	83	225	0.143	ug/l #	78
48) Methyl methacrylate	7.702	41	52	0.040	ug/l #	47
51) 4-Methyl-2-Pentanone	8.574	43	1504	0.838	ug/l	94
52) Toluene	8.720	92	587	0.212	ug/l	96
53) t-1,3-Dichloropropene	8.988	75	330	0.203	ug/l #	43
54) cis-1,3-Dichloropropene	8.373	75	317	0.182	ug/l #	38
55) 1,1,2-Trichloroethane	9.165	97	244	0.213	ug/l #	80
56) Ethyl methacrylate	9.135	69	245	0.146	ug/l #	58
57) 1,3-Dichloropropane	9.311	76	292	0.155	ug/l #	81
58) 2-Chloroethyl Vinyl ether	8.257	63	1596	1.894	ug/l	99
59) 2-Hexanone	9.439	43	1159	0.810	ug/l	82
60) Dibromochloromethane	9.525	129	166	0.144	ug/l	98
61) 1,2-Dibromoethane	9.610	107	210	0.169	ug/l #	71
64) Tetrachloroethene	9.269	164	209	0.235	ug/l #	68
65) Chlorobenzene	10.086	112	718	0.254	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	80	0.084	ug/l #	36
67) Ethyl Benzene	10.195	91	1139	0.224	ug/l	93
68) m/p-Xylenes	10.311	106	808	0.423	ug/l	94
69) o-Xylene	10.647	106	379	0.209	ug/l	99
70) Styrene	10.665	104	569	0.186	ug/l	94
71) Bromoform	10.799	173	129	0.176	ug/l #	29
73) Isopropylbenzene	10.957	105	1052	0.216	ug/l	98
74) N-amyl acetate	10.848	43	304	0.137	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	11.207	83	349	0.190	ug/l #	96
76) 1,2,3-Trichloropropane	11.244	75	278m	0.192	ug/l	
77) Bromobenzene	11.201	156	270	0.240	ug/l	88
78) n-propylbenzene	11.311	91	1332	0.222	ug/l	92
79) 2-Chlorotoluene	11.360	91	830	0.230	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	873	0.208	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	20m	0.043	ug/l	
82) 4-Chlorotoluene	11.451	91	1226	0.296	ug/l	88
83) tert-Butylbenzene	11.713	119	926	0.231	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	961	0.230	ug/l	91
85) sec-Butylbenzene	11.890	105	1347	0.254	ug/l	93
86) p-Isopropyltoluene	12.012	119	918	0.212	ug/l #	53
87) 1,3-Dichlorobenzene	11.976	146	714	0.315	ug/l	91
88) 1,4-Dichlorobenzene	12.043	146	920m	0.396	ug/l	
89) n-Butylbenzene	12.335	91	1141	0.271	ug/l	96
90) Hexachloroethane	12.536	117	53	0.077	ug/l #	17
91) 1,2-Dichlorobenzene	12.335	146	466	0.213	ug/l	83
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40	0.096	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.591	180	486	0.356	ug/l	92
94) Hexachlorobutadiene	13.725	225	165	0.306	ug/l #	62
95) Naphthalene	13.780	128	1267	0.273	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.969	180	430	0.318	ug/l #	87

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

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

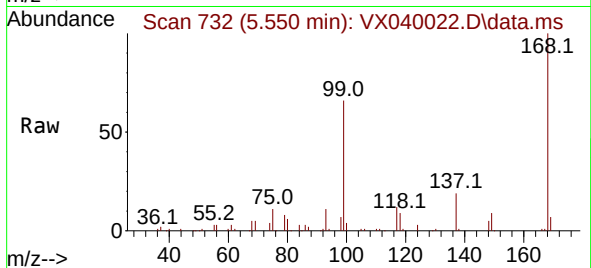
Manual Integrations
APPROVED

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

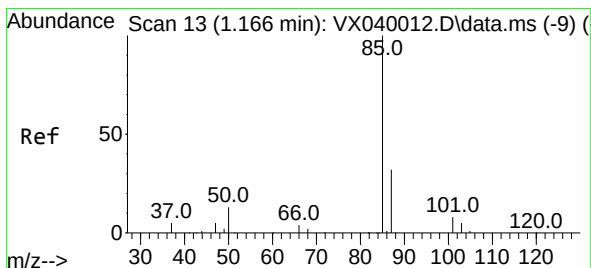
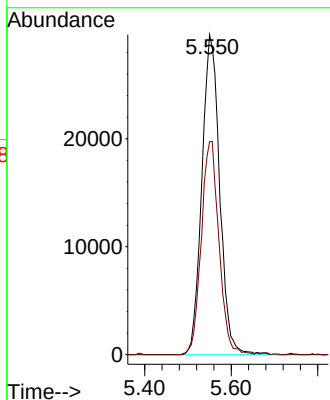
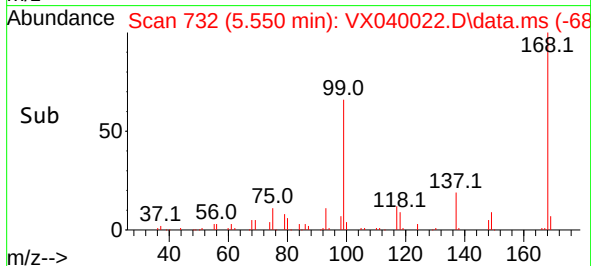
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:168 Resp: 8455
Ion Ratio Lower Upper
168 100
99 66.5 56.6 85.0

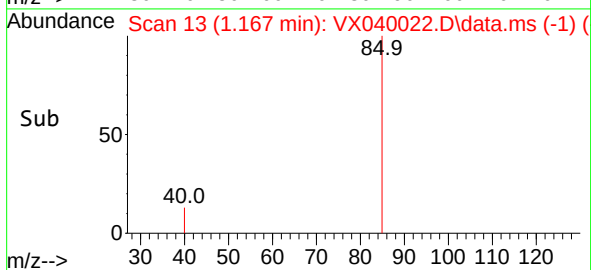
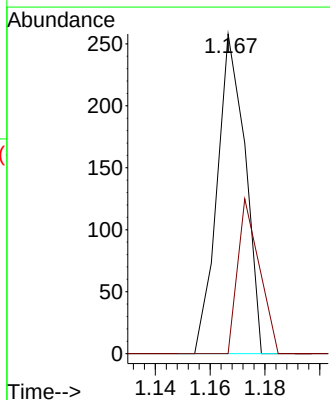
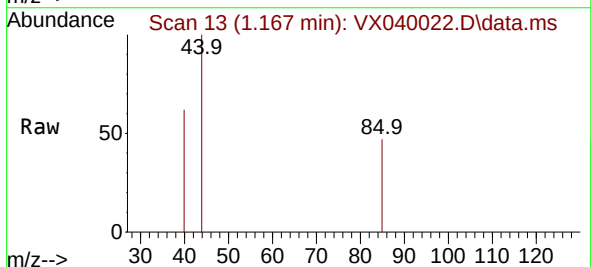
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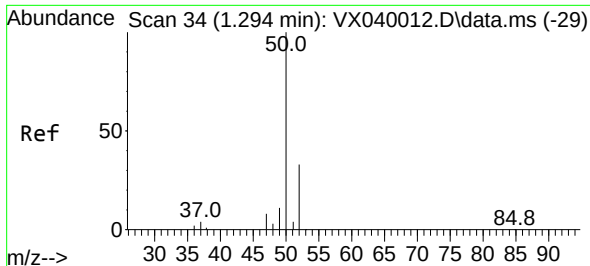
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#2
Dichlorodifluoromethane
Concen: 0.192 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

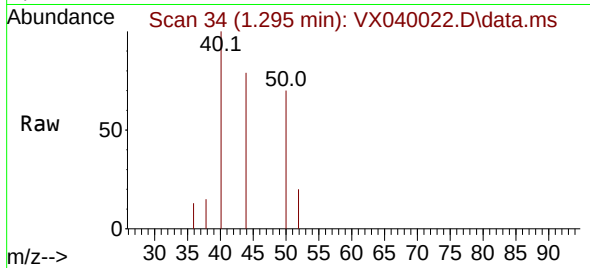
Tgt Ion: 85 Resp: 183
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#





#3
Chloromethane
Concen: 0.306 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

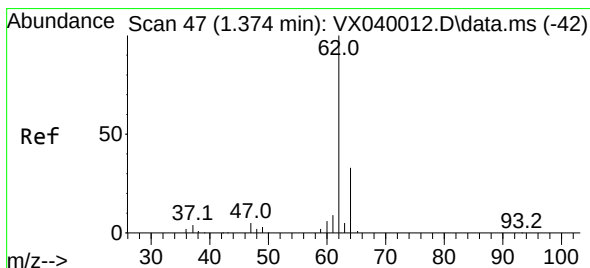
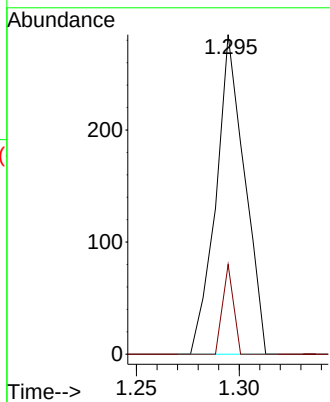
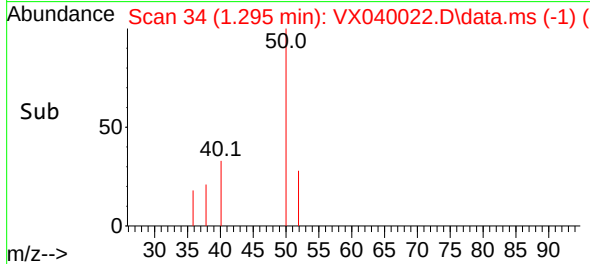
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 50 Resp: 270
Ion Ratio Lower Upper
50 100
52 28.1 25.5 38.3

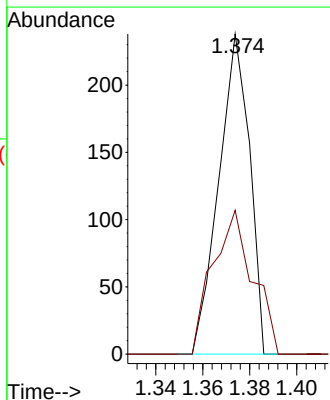
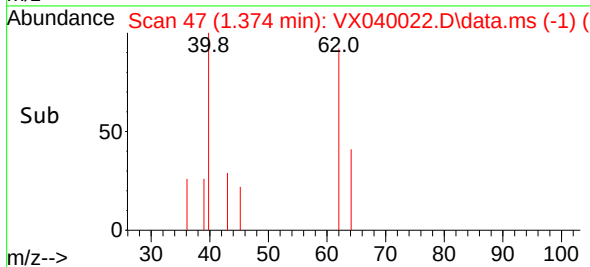
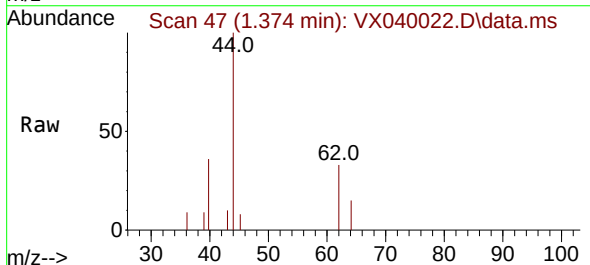
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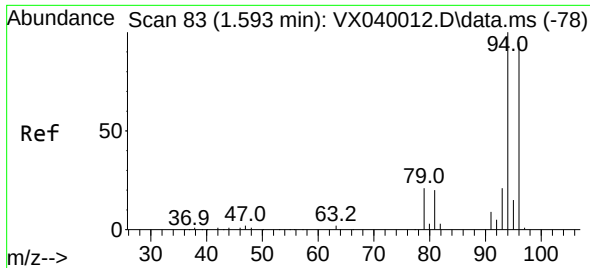
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#4
Vinyl Chloride
Concen: 0.259 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

Tgt Ion: 62 Resp: 216
Ion Ratio Lower Upper
62 100
64 45.0 25.4 38.0#





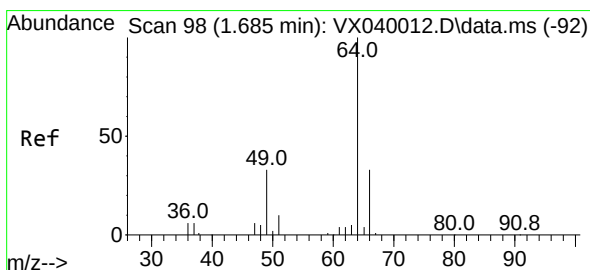
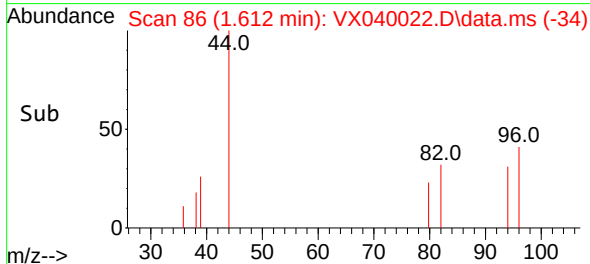
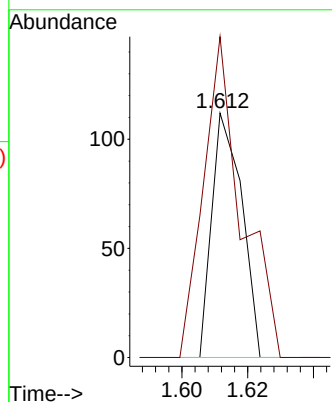
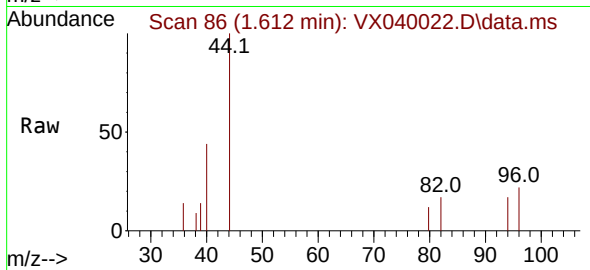
#5
Bromomethane
Concen: 0.087 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

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

Tgt Ion: 94 Resp: 7
Ion Ratio Lower Upper
94 100
96 131.3 74.6 111.8

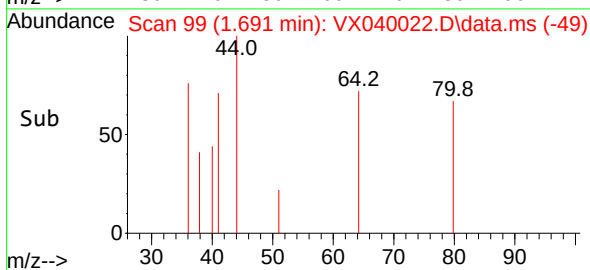
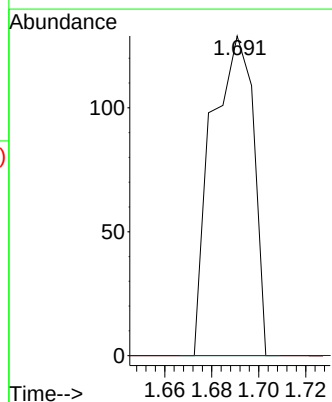
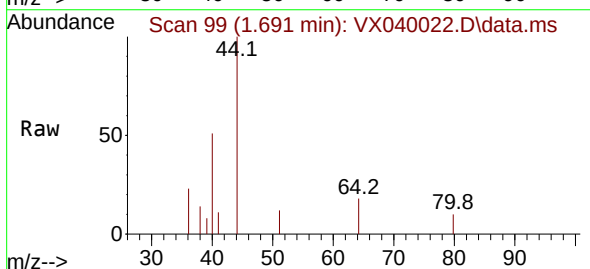
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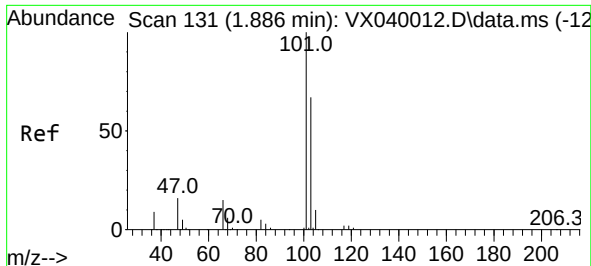
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#6
Chloroethane
Concen: 0.290 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

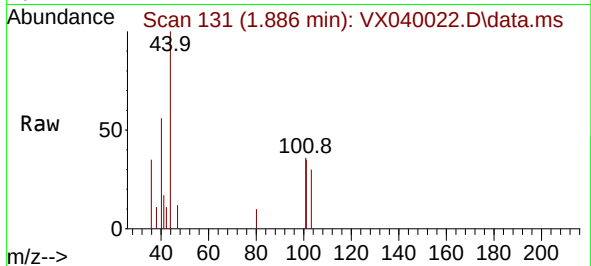
Tgt Ion: 64 Resp: 160
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 0.304 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040022.D
 Acq: 30 Jan 2024 16:26

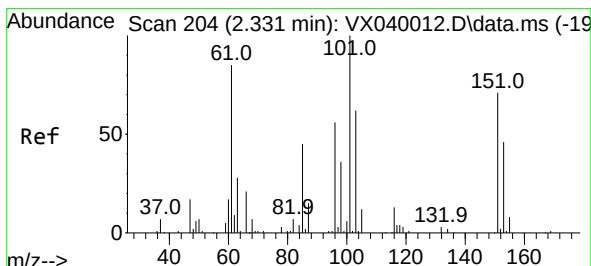
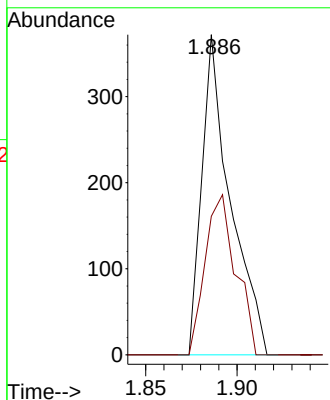
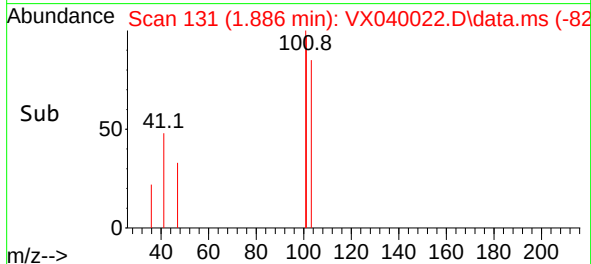
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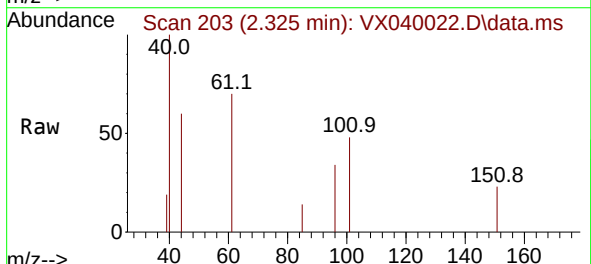
Tgt Ion:101 Resp: 404
 Ion Ratio Lower Upper
 101 100
 103 43.3 51.4 77.2

Manual Integrations
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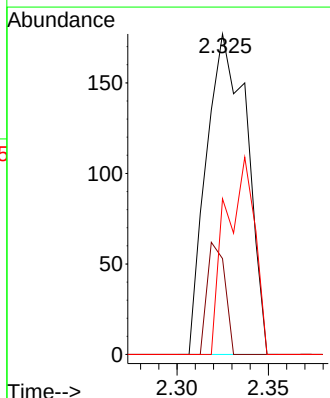
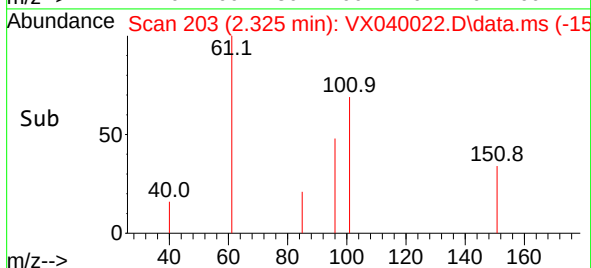
Reviewed By :John Carlone 01/31/2024
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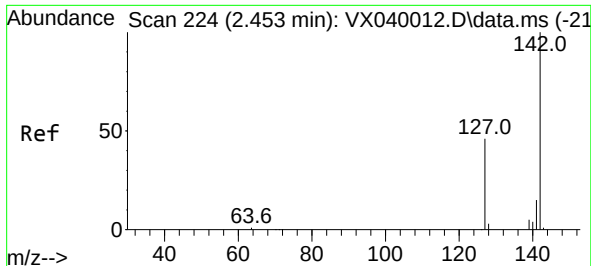


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.275 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. -0.006 min
 Lab File: VX040022.D
 Acq: 30 Jan 2024 16:26



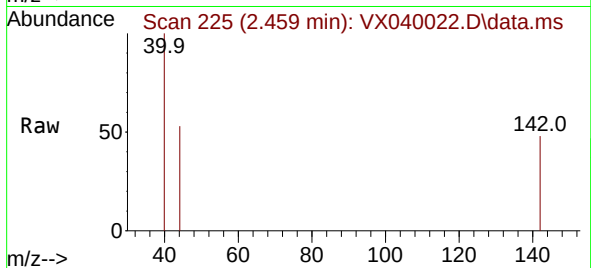
Tgt Ion:101 Resp: 273
 Ion Ratio Lower Upper
 101 100
 85 15.4 37.0 55.6#
 151 44.3 58.6 87.8#





#10
Methyl Iodide
Concen: 0.206 ug/l
RT: 2.459 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

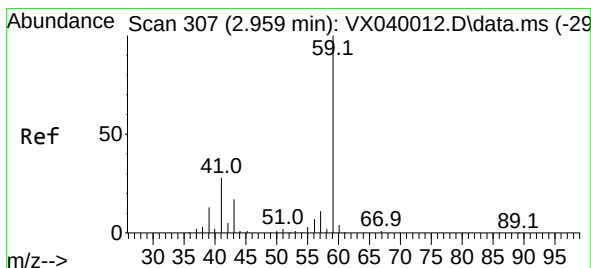
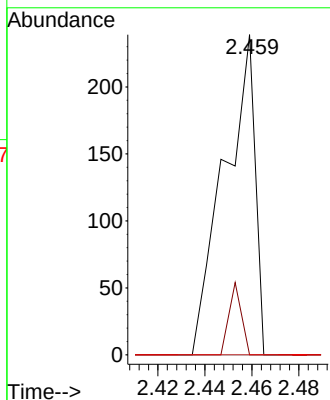
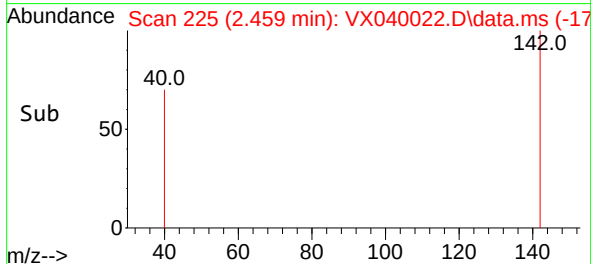
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:142 Resp: 217
Ion Ratio Lower Upper
142 100
127 9.2 41.6 62.4
141 0.0 11.6 17.4

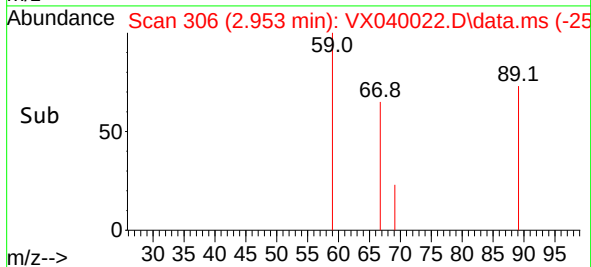
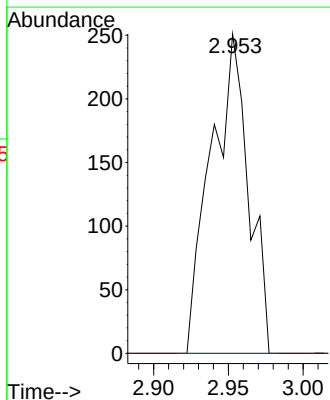
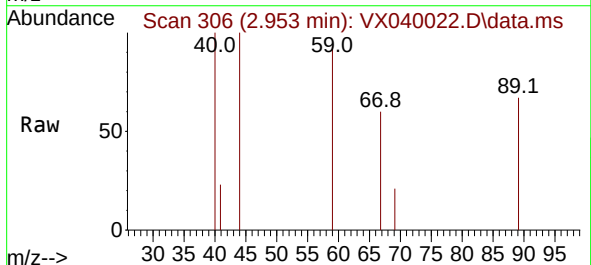
Manual Integrations
APPROVED

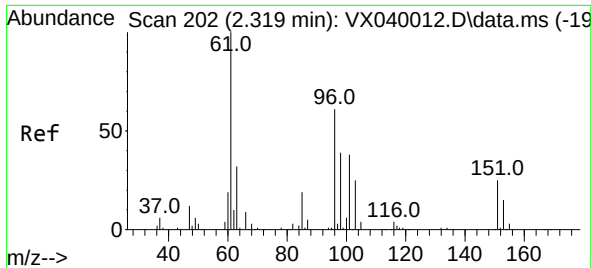
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#11
Tert butyl alcohol
Concen: 1.778 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

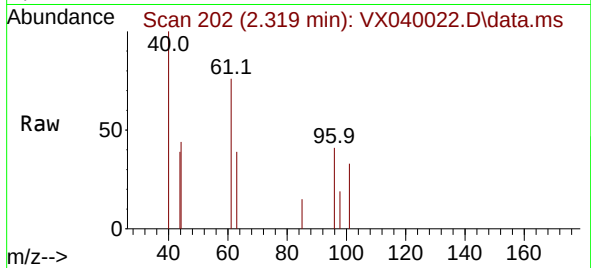
Tgt Ion: 59 Resp: 439
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#12
1,1-Dichloroethene
Concen: 0.272 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

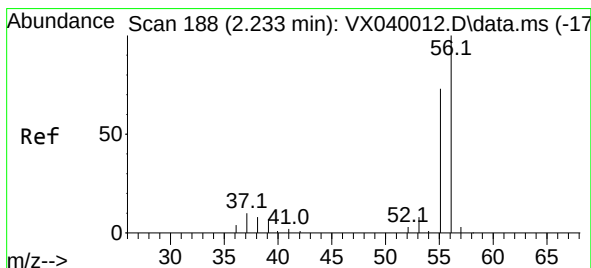
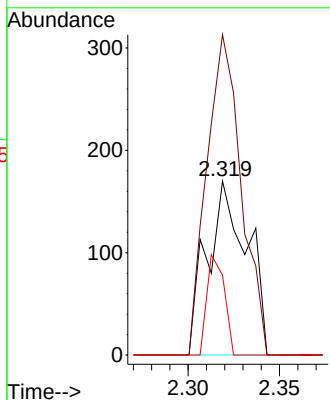
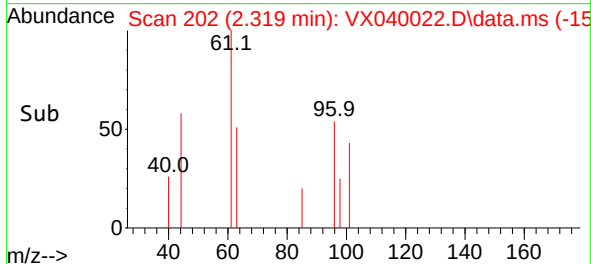
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



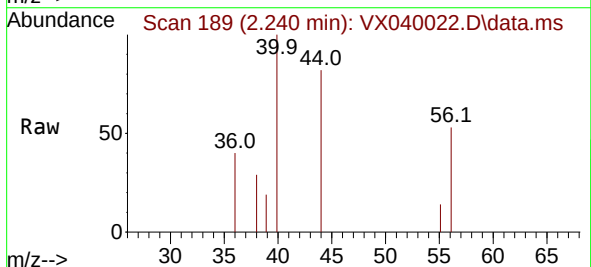
Tgt Ion: 96 Resp: 259
Ion Ratio Lower Upper
96 100
61 184.1 144.6 216.8
98 45.9 50.4 75.6

Manual Integrations
APPROVED

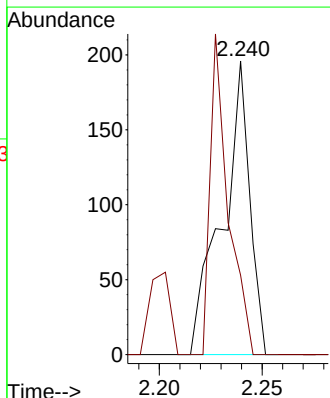
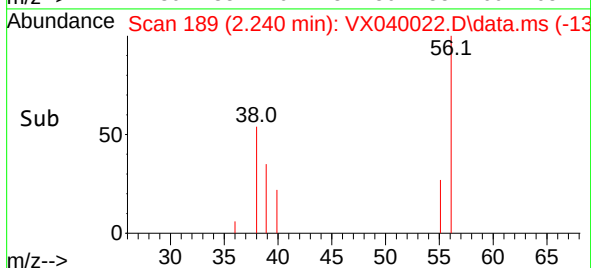
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

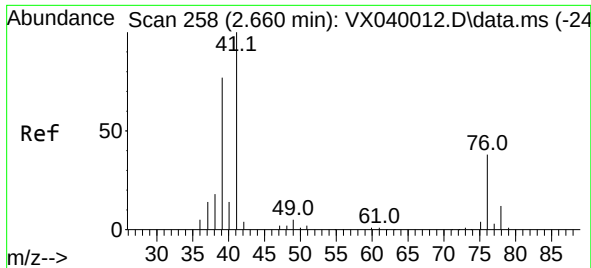


#13
Acrolein
Concen: 0.765 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26



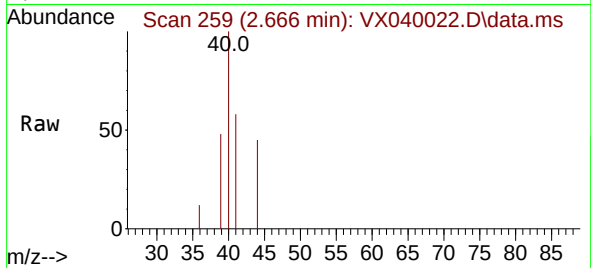
Tgt Ion: 56 Resp: 181
Ion Ratio Lower Upper
56 100
55 71.8 57.1 85.7





#14
 Allyl chloride
 Concen: 0.261 ug/l
 RT: 2.666 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX040022.D
 Acq: 30 Jan 2024 16:26

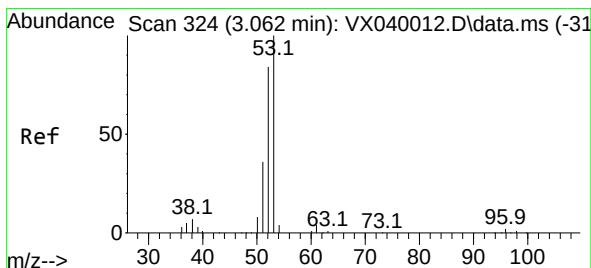
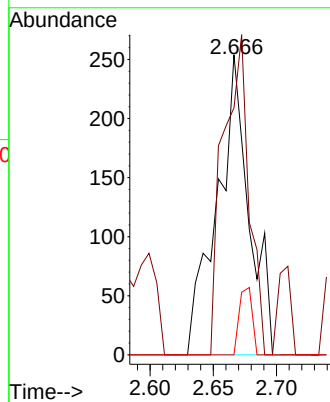
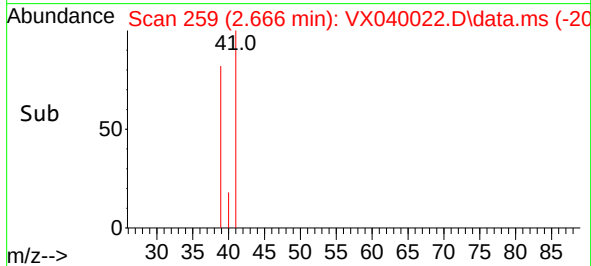
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024



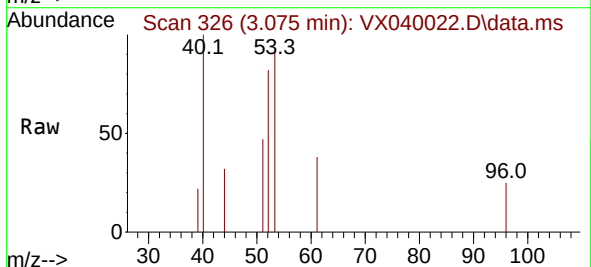
Tgt Ion: 41 Resp: 44
 Ion Ratio Lower Upper
 41 100
 39 86.1 55.8 83.6
 76 8.9 24.3 36.5

Manual Integrations
 APPROVED

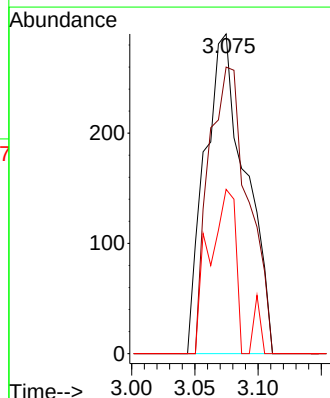
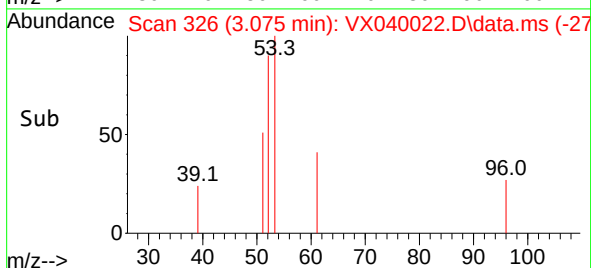
Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024

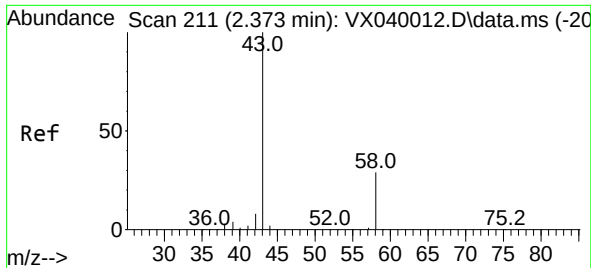


#15
 Acrylonitrile
 Concen: 1.051 ug/l
 RT: 3.075 min Scan# 326
 Delta R.T. 0.012 min
 Lab File: VX040022.D
 Acq: 30 Jan 2024 16:26



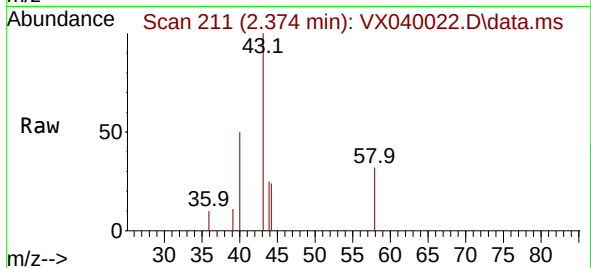
Tgt Ion: 53 Resp: 650
 Ion Ratio Lower Upper
 53 100
 52 86.9 66.0 99.0
 51 33.2 29.8 44.6





#16
Acetone
Concen: 1.644 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

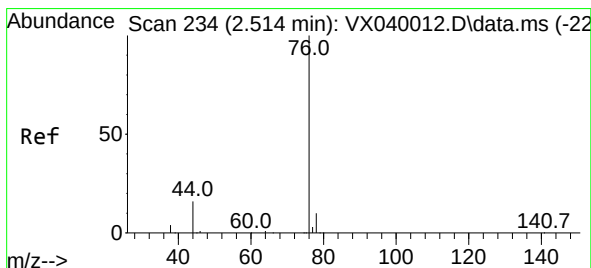
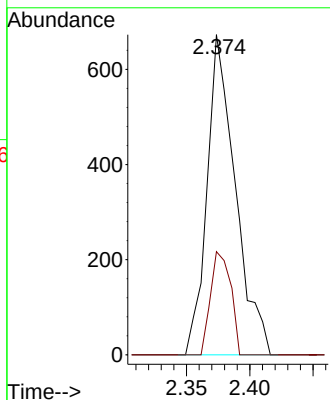
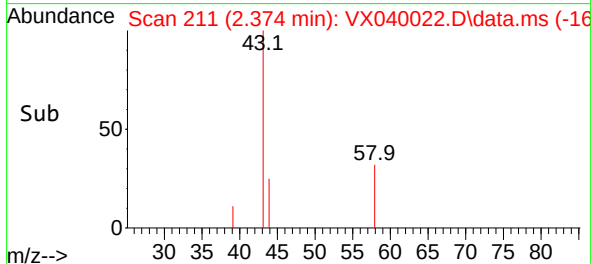
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



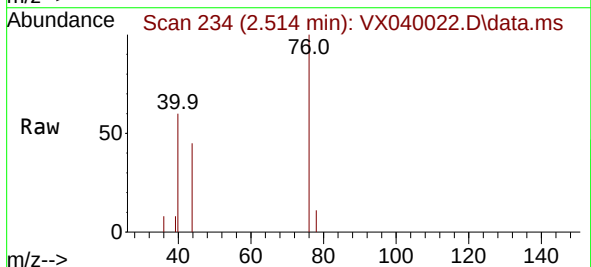
Tgt Ion: 43 Resp: 1048
Ion Ratio Lower Upper
43 100
58 32.2 21.9 32.9

Manual Integrations
APPROVED

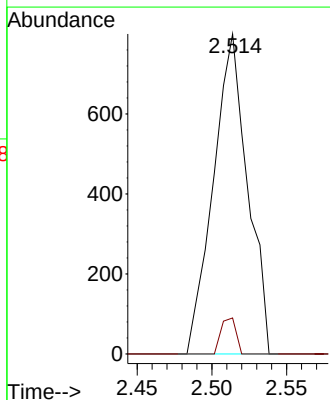
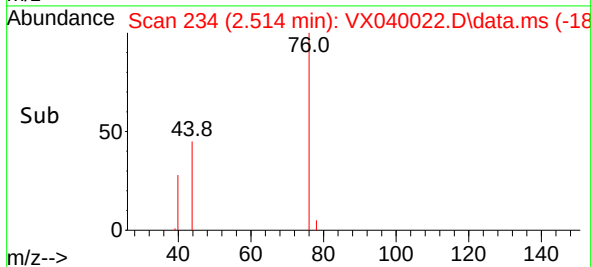
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

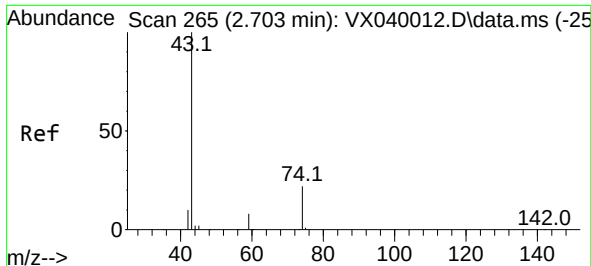


#17
Carbon Disulfide
Concen: 0.458 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26



Tgt Ion: 76 Resp: 1273
Ion Ratio Lower Upper
76 100
78 11.3 7.0 10.6#





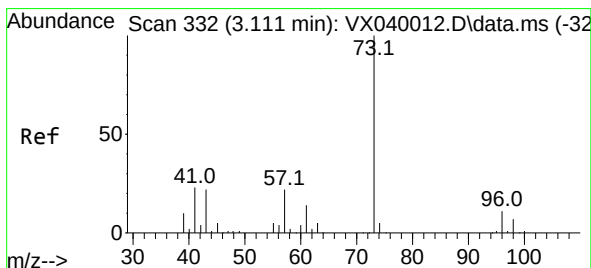
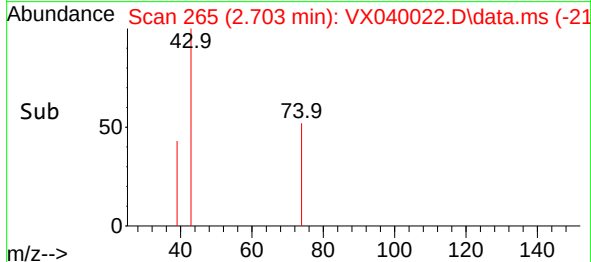
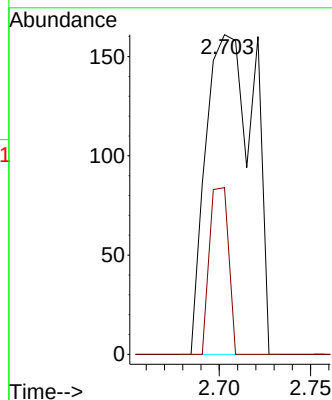
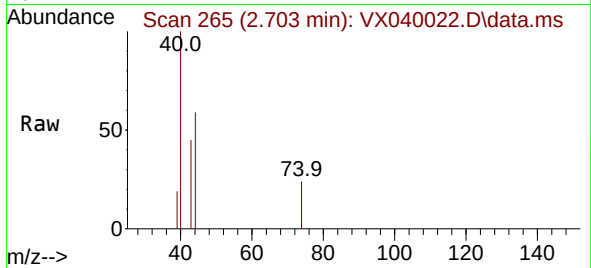
#18
Methyl Acetate
Concen: 0.195 ug/l
RT: 2.703 min Scan# 209
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

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

Tgt Ion: 43 Resp: 299
Ion Ratio Lower Upper
43 100
74 20.7 17.8 26.8

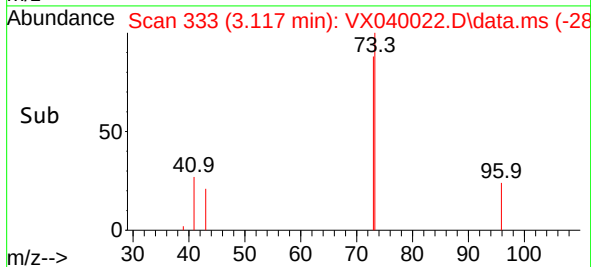
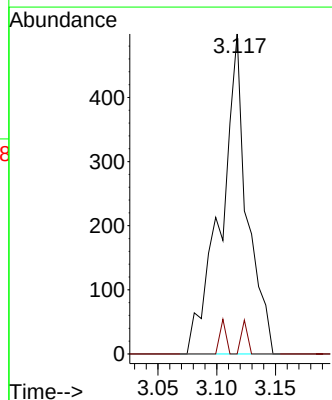
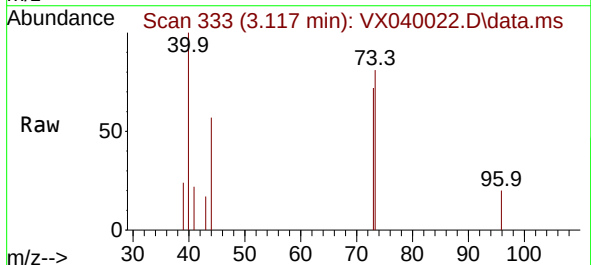
Manual Integrations
APPROVED

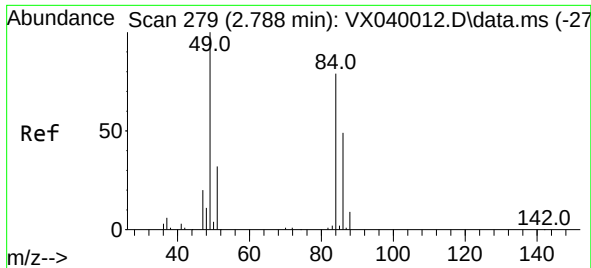
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#19
Methyl tert-butyl Ether
Concen: 0.238 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

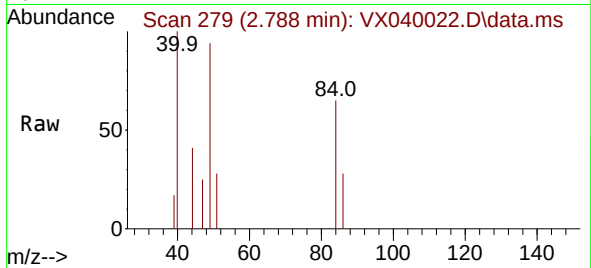
Tgt Ion: 73 Resp: 774
Ion Ratio Lower Upper
73 100
57 0.0 17.3 25.9#





#20
Methylene Chloride
Concen: 0.316 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

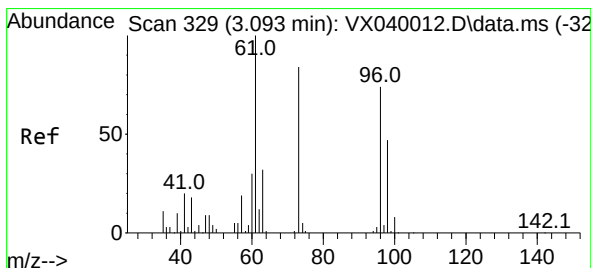
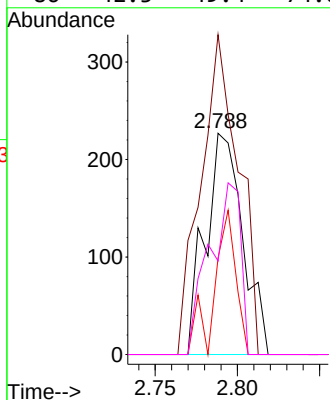
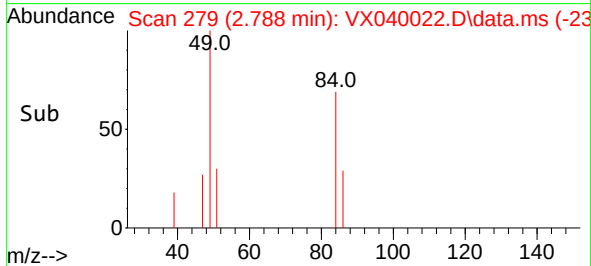
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 84 Resp: 358
Ion Ratio Lower Upper
84 100
49 144.5 103.6 155.4
51 43.6 33.8 50.6
86 42.3 49.4 74.0#

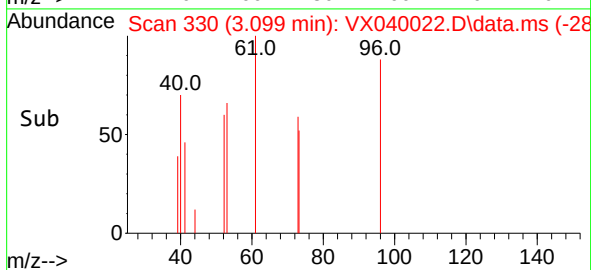
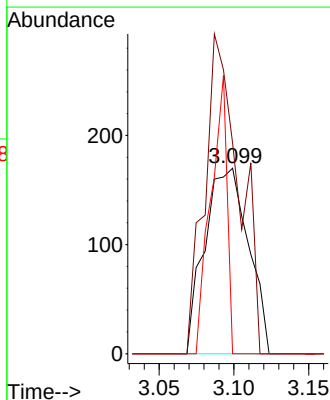
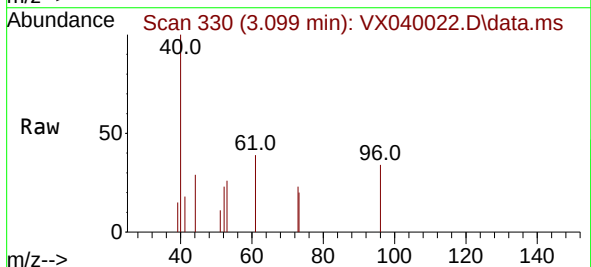
Manual Integrations
APPROVED

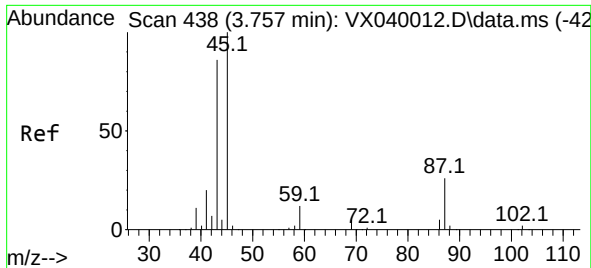
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#21
trans-1,2-Dichloroethene
Concen: 0.330 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

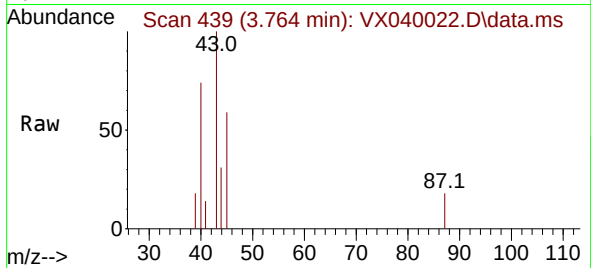
Tgt Ion: 96 Resp: 346
Ion Ratio Lower Upper
96 100
61 113.5 119.2 178.8#
98 0.0 48.7 73.1#





#22
Diisopropyl ether
Concen: 0.213 ug/l
RT: 3.764 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

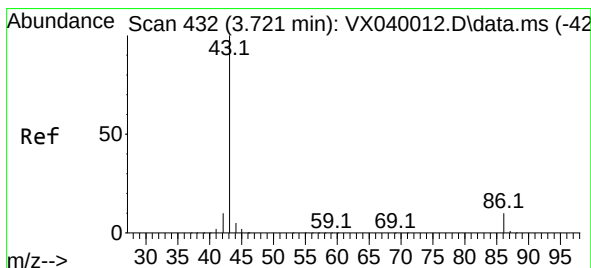
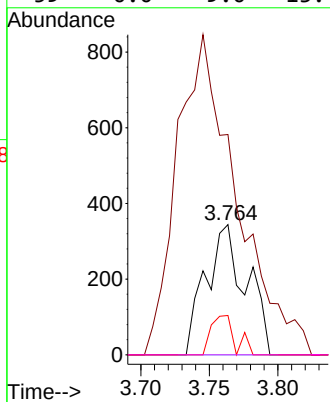
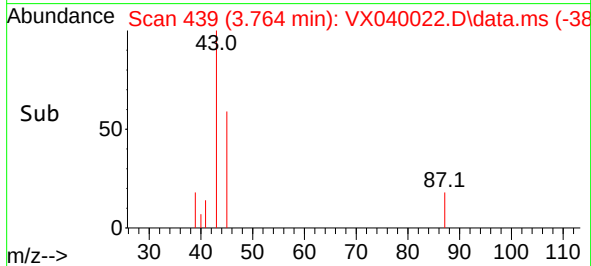
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 45 Resp: 700
Ion Ratio Lower Upper
45 100
43 129.9 69.7 104.5
87 30.2 20.8 31.2
59 0.0 9.0 13.4#

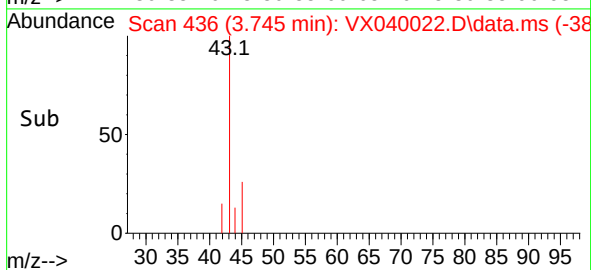
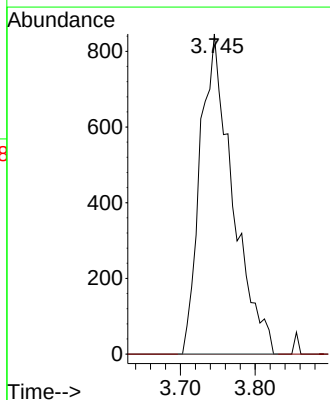
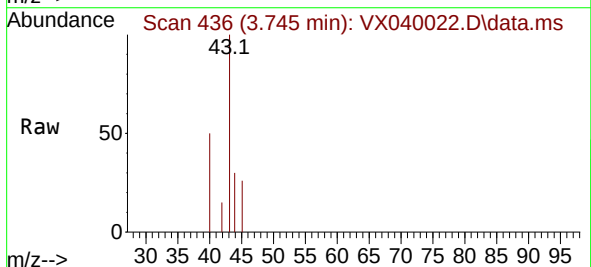
Manual Integrations
APPROVED

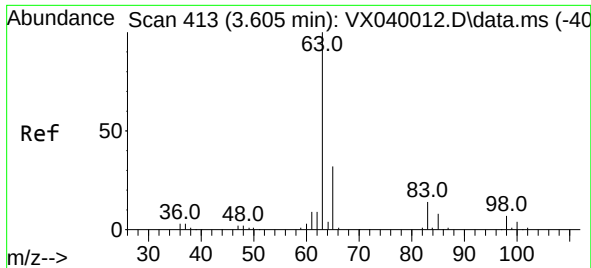
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#23
Vinyl Acetate
Concen: 0.860 ug/l
RT: 3.745 min Scan# 436
Delta R.T. 0.025 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

Tgt Ion: 43 Resp: 2556
Ion Ratio Lower Upper
43 100
86 0.0 7.8 11.8#





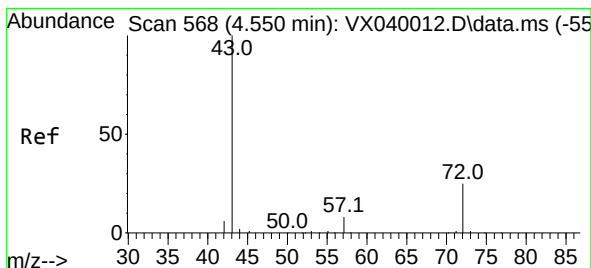
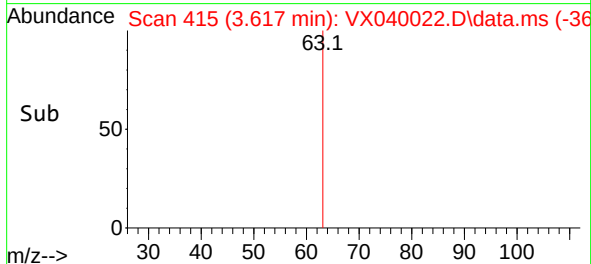
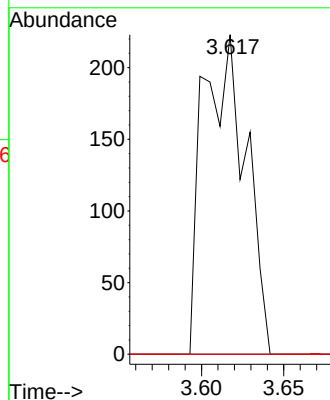
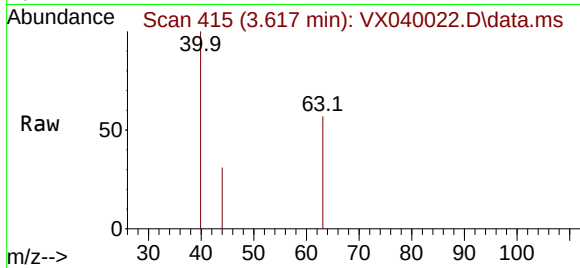
#24
1,1-Dichloroethane
Concen: 0.212 ug/l
RT: 3.617 min Scan# 413
Delta R.T. 0.012 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

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

Tgt Ion: 63 Resp: 400
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8
100 0.0 2.1 6.5

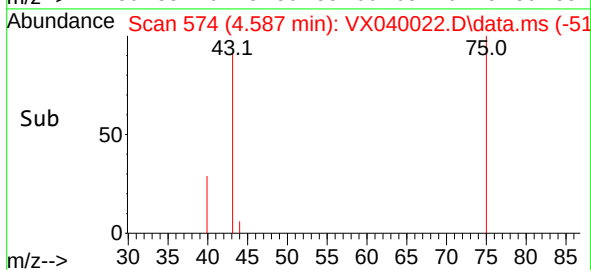
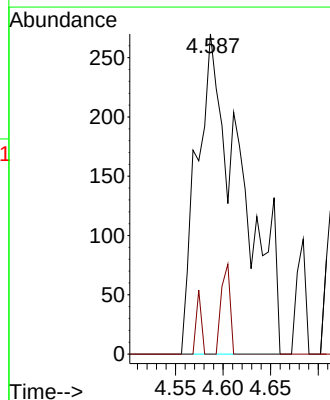
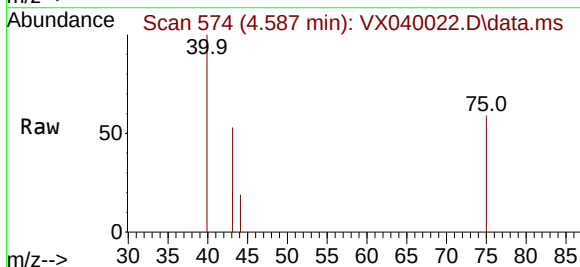
Manual Integrations
APPROVED

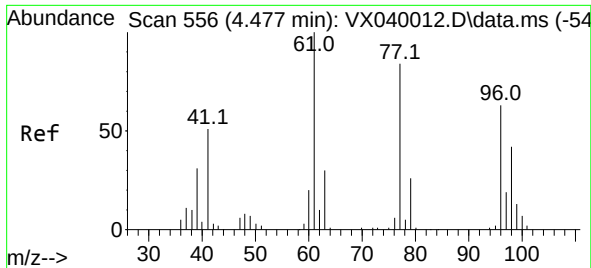
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#25
2-Butanone
Concen: 0.997 ug/l m
RT: 4.587 min Scan# 574
Delta R.T. 0.037 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

Tgt Ion: 43 Resp: 884
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#





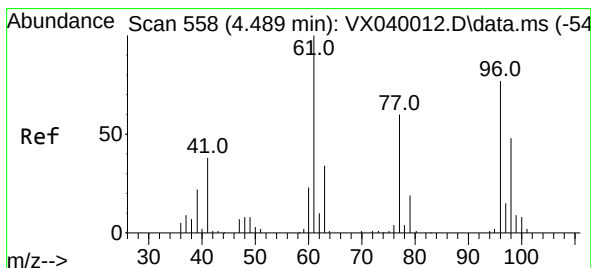
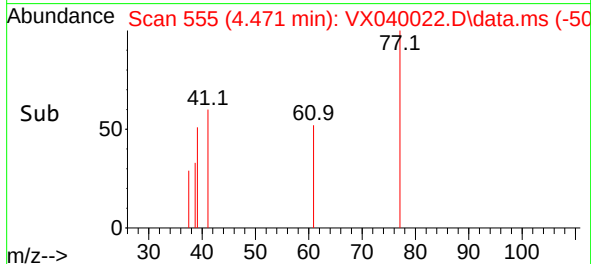
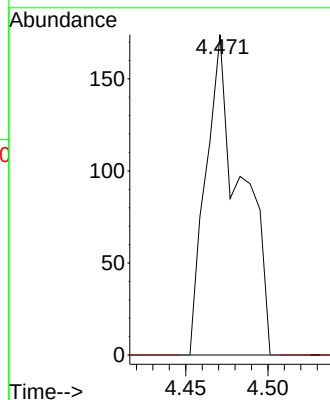
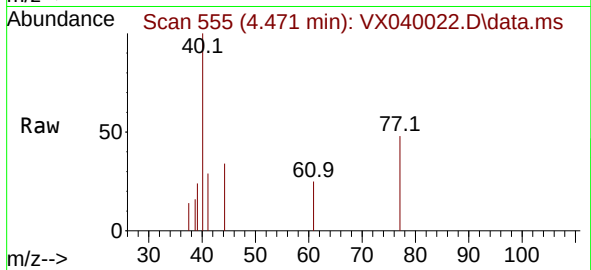
#26
2,2-Dichloropropane
Concen: 0.177 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

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

Tgt Ion: 77 Resp: 26
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3

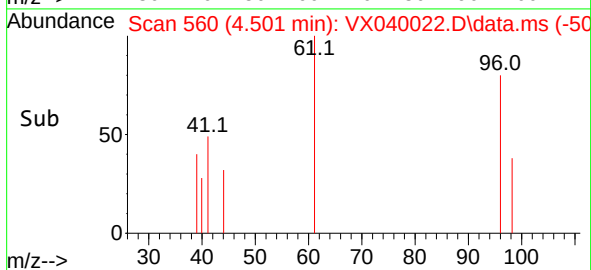
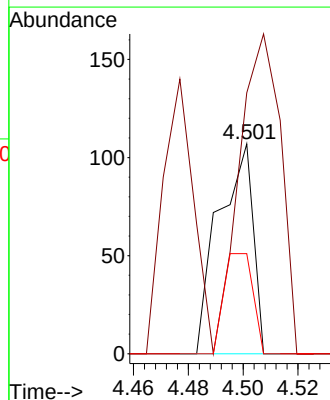
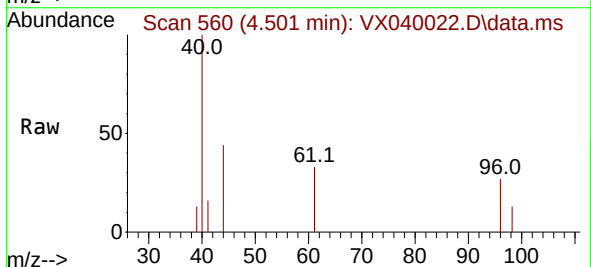
Manual Integrations
APPROVED

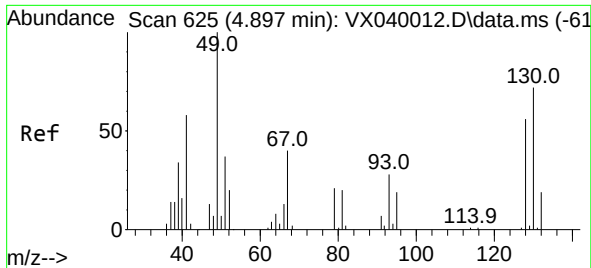
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#27
cis-1,2-Dichloroethene
Concen: 0.080 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

Tgt Ion: 96 Resp: 93
Ion Ratio Lower Upper
96 100
61 183.9 0.0 312.2
98 39.8 0.0 129.0





#28

Bromochloromethane

Concen: 0.027 ug/l

RT: 4.904 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX040022.D

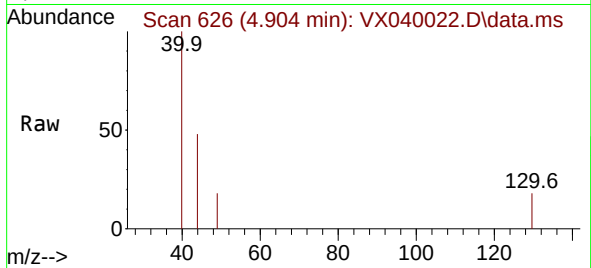
Acq: 30 Jan 2024 16:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



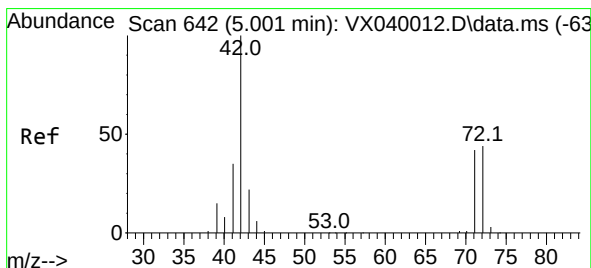
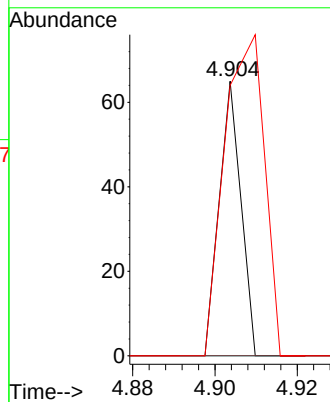
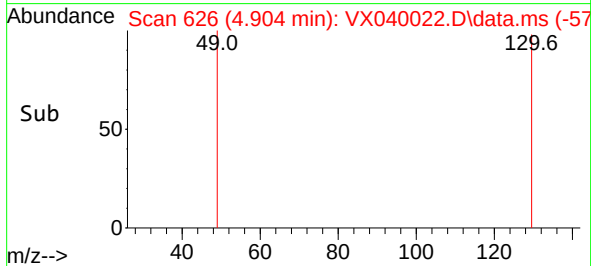
Tgt Ion: 49	Resp: 24
Ion Ratio	Lower Upper
49	100
129	0.0 0.0 3.8
130	212.5 57.5 86.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#29

Tetrahydrofuran

Concen: 0.658 ug/l m

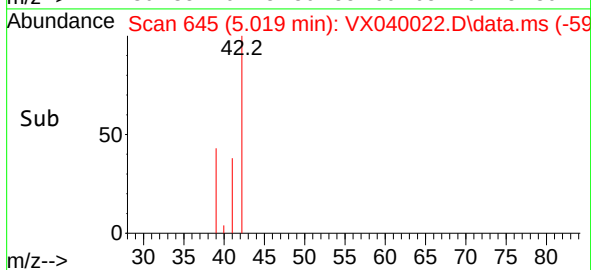
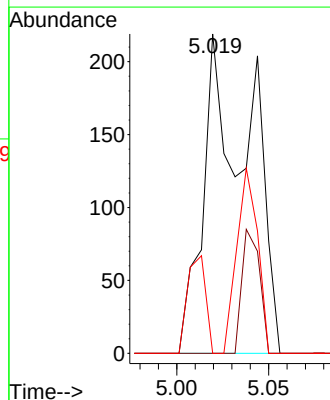
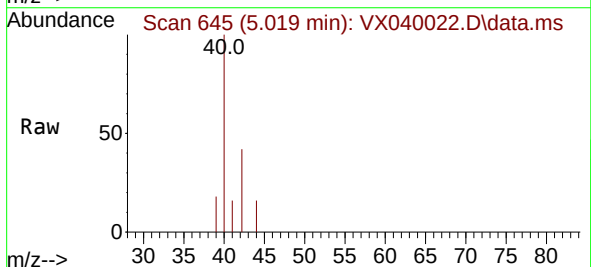
RT: 5.019 min Scan# 645

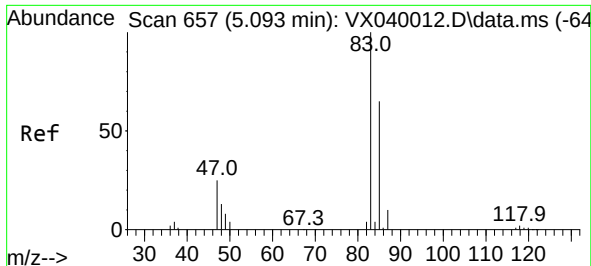
Delta R.T. 0.018 min

Lab File: VX040022.D

Acq: 30 Jan 2024 16:26

Tgt Ion: 42	Resp: 371
Ion Ratio	Lower Upper
42	100
72	0.0 34.2 51.4#
71	12.4 32.2 48.2#





#30

Chloroform

Concen: 0.208 ug/l

RT: 5.099 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX040022.D

Acq: 30 Jan 2024 16:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 83 Resp: 425

Ion Ratio Lower Upper

83 100

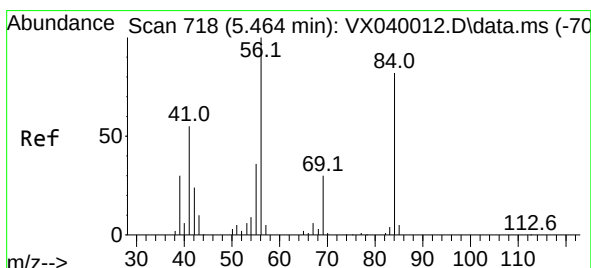
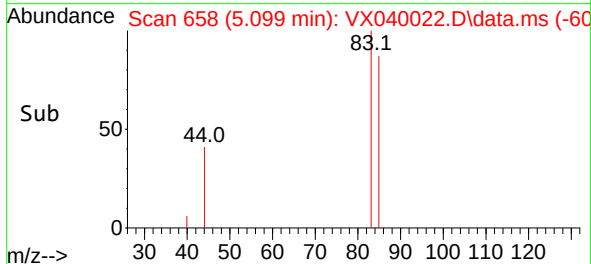
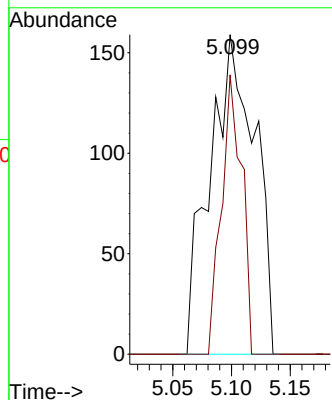
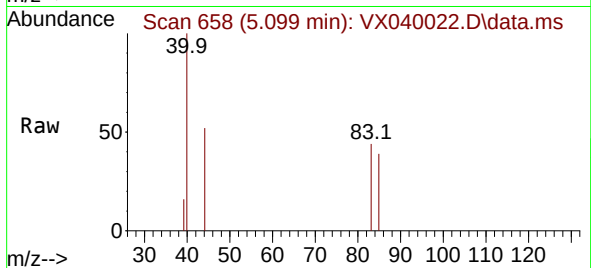
85 87.4 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#31

Cyclohexane

Concen: 0.225 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX040022.D

Acq: 30 Jan 2024 16:26

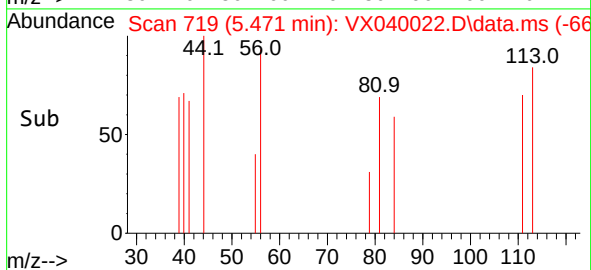
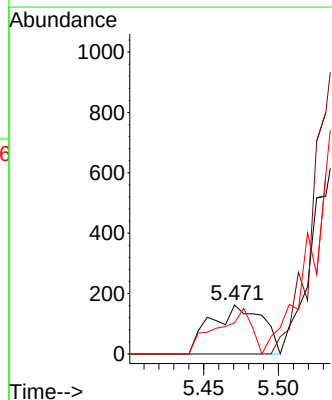
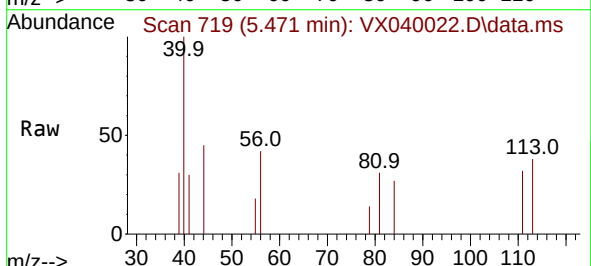
Tgt Ion: 56 Resp: 384

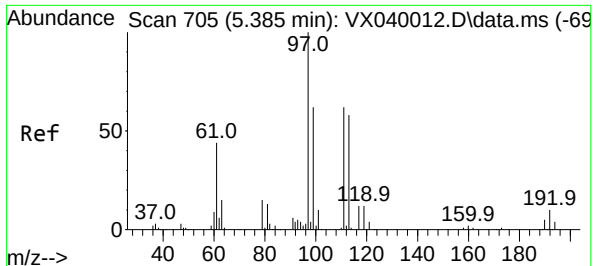
Ion Ratio Lower Upper

56 100

69 0.0 23.4 35.2#

84 63.6 65.9 98.9#





#32

1,1,1-Trichloroethane

Concen: 0.209 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX040022.D

Acq: 30 Jan 2024 16:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

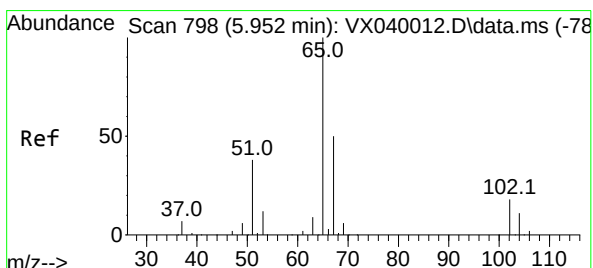
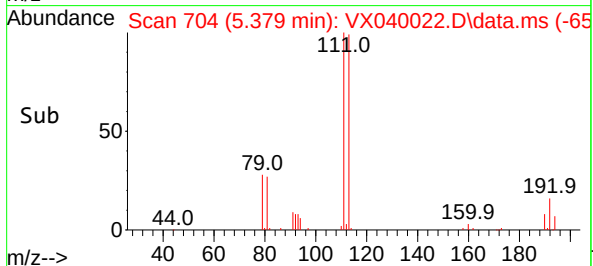
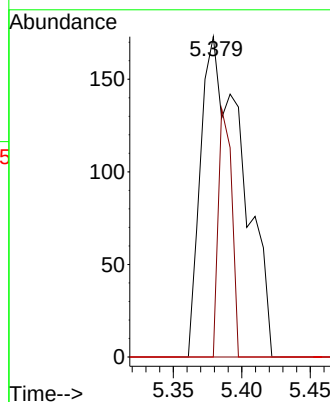
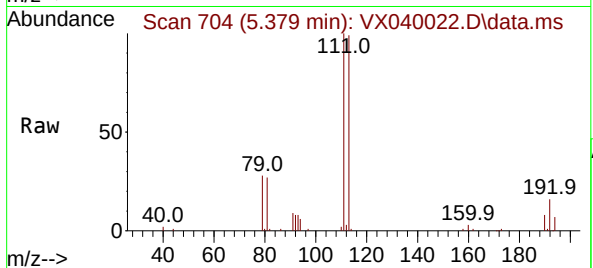
Tgt Ion: 97	Resp: 36
Ion Ratio	Lower Upper
97	100
99	0.0 51.1 76.7
61	0.0 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#33

1,2-Dichloroethane-d4

Concen: 54.829 ug/l

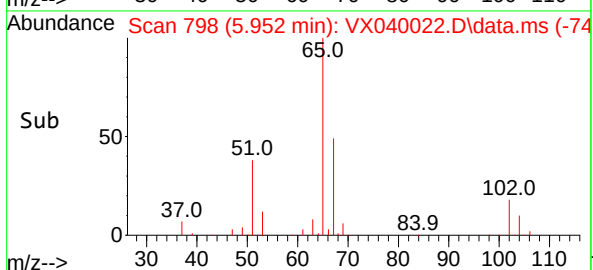
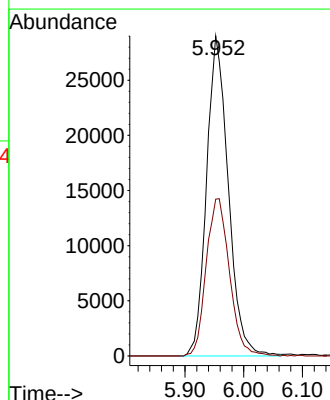
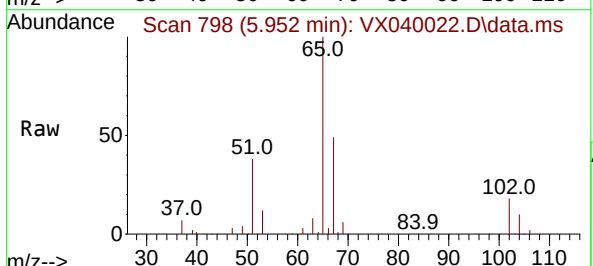
RT: 5.952 min Scan# 798

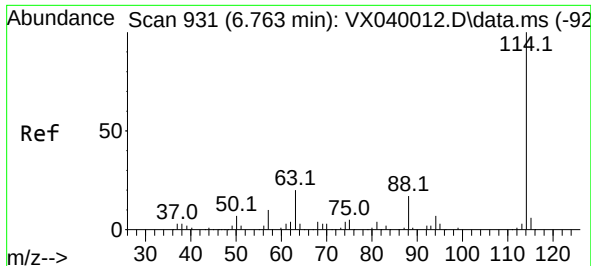
Delta R.T. 0.000 min

Lab File: VX040022.D

Acq: 30 Jan 2024 16:26

Tgt Ion: 65	Resp: 74611
Ion Ratio	Lower Upper
65	100
67	52.6 0.0 100.2





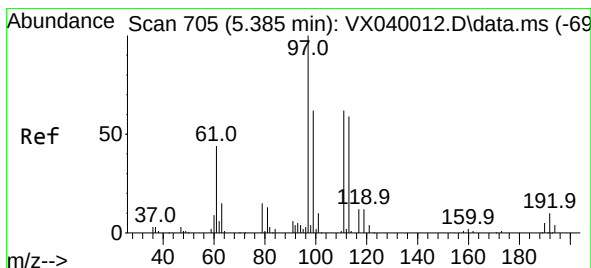
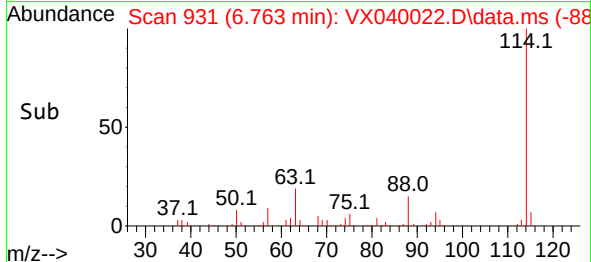
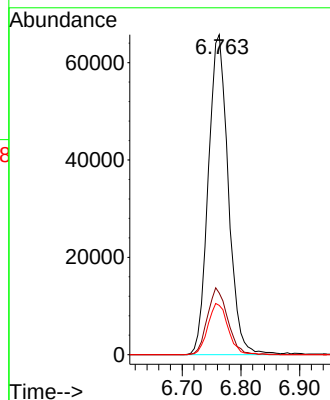
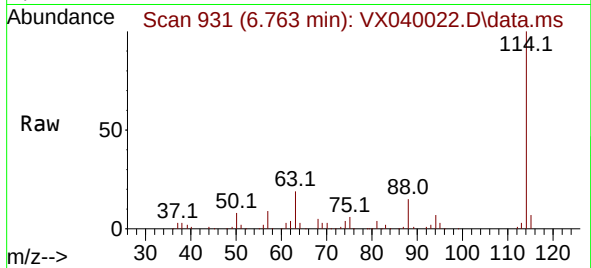
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

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

Tgt Ion:114 Resp: 15508
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 15.4 0.0 36.6

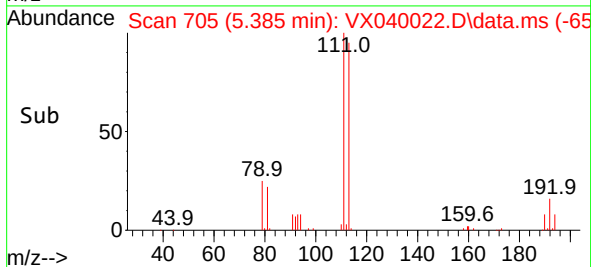
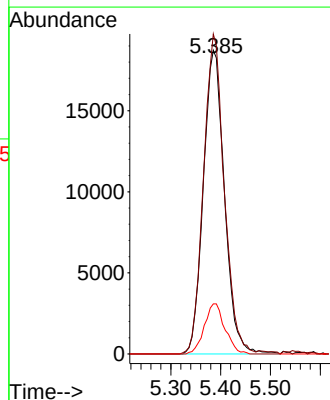
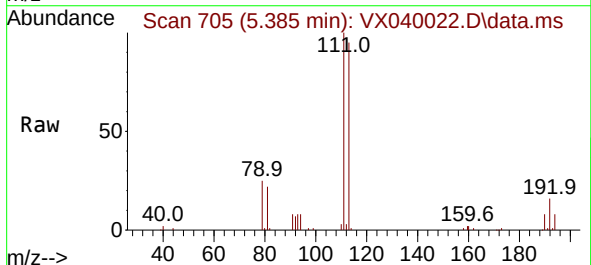
Manual Integrations
APPROVED

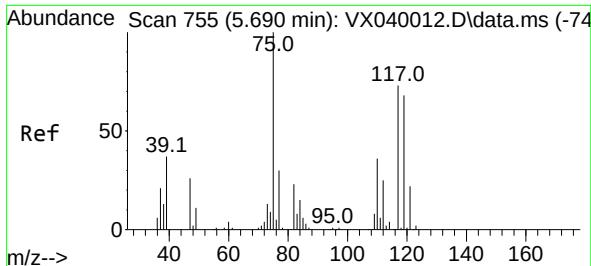
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#35
Dibromofluoromethane
Concen: 52.181 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

Tgt Ion:113 Resp: 55088
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 16.1 13.3 19.9





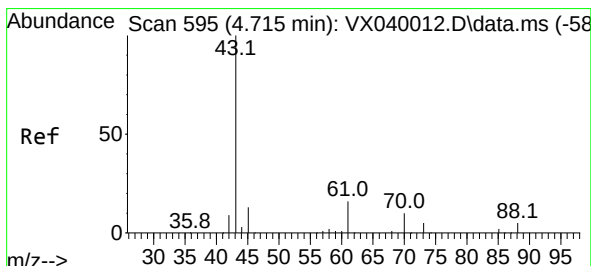
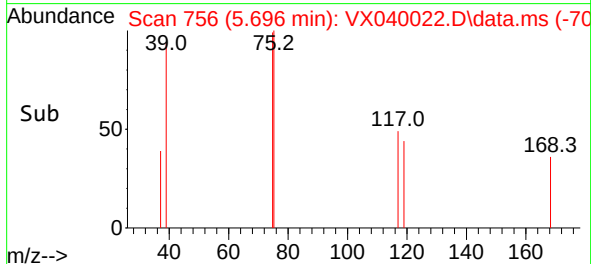
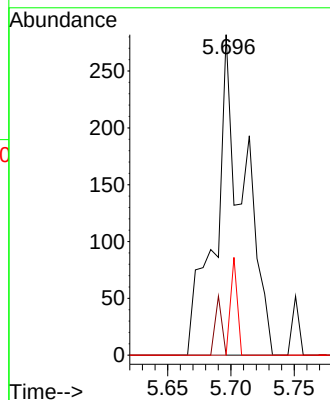
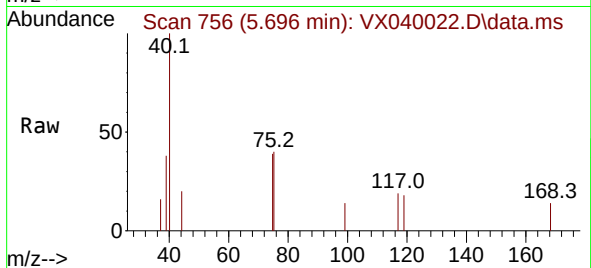
#36
1,1-Dichloropropene
Concen: 0.290 ug/l
RT: 5.696 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

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

Tgt Ion: 75 Resp: 44
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9
77 7.0 24.7 37.1

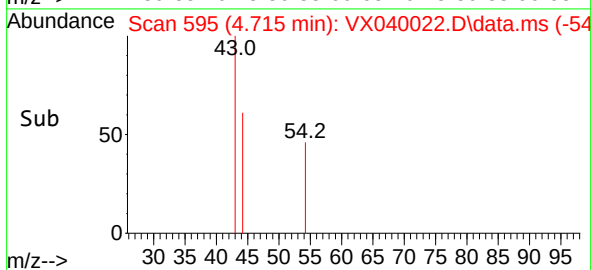
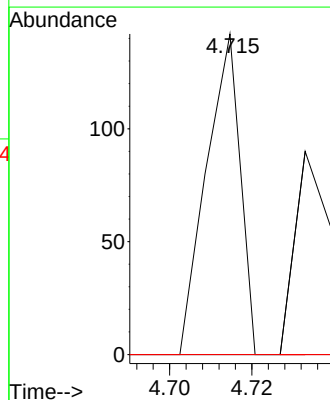
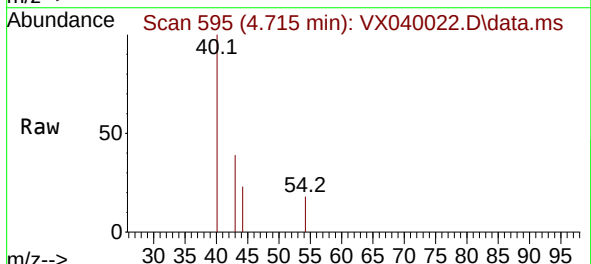
Manual Integrations
APPROVED

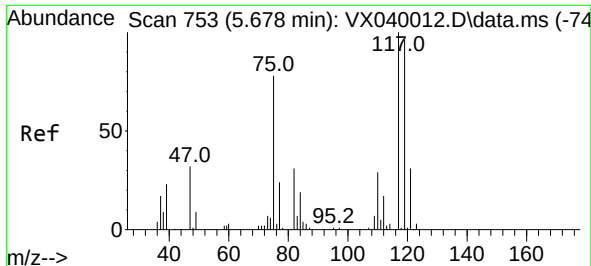
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#37
Ethyl Acetate
Concen: 0.049 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

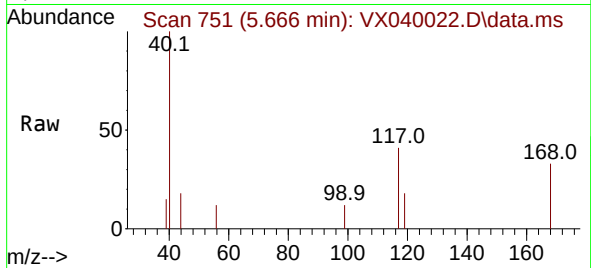
Tgt Ion: 43 Resp: 81
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#





#38
Carbon Tetrachloride
Concen: 0.213 ug/l m
RT: 5.666 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

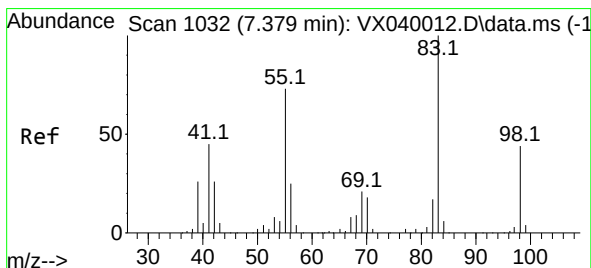
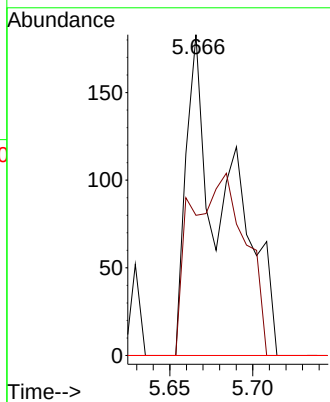
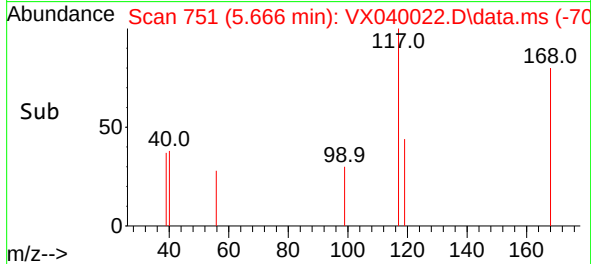
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 117 Resp: 31
Ion Ratio Lower Upper
117 100
119 43.7 78.2 117.2
121 0.0 24.4 36.6

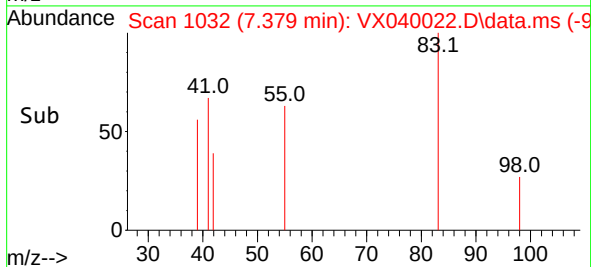
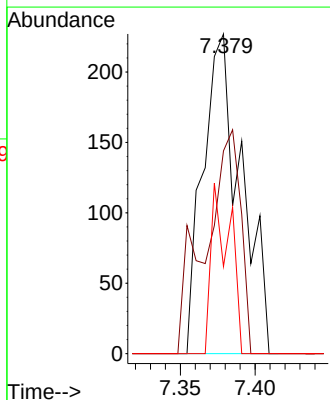
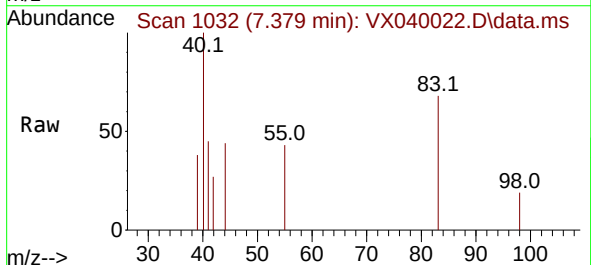
Manual Integrations
APPROVED

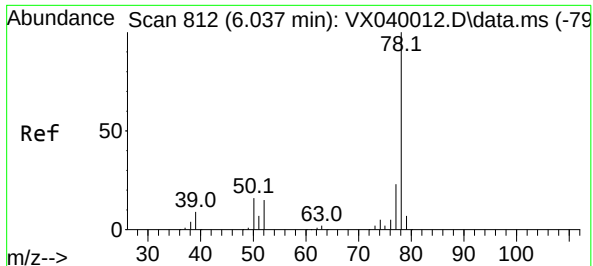
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#39
Methylcyclohexane
Concen: 0.217 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

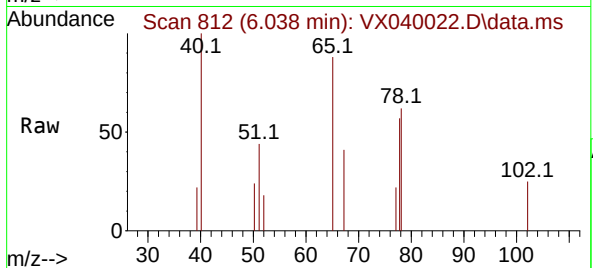
Tgt Ion: 83 Resp: 404
Ion Ratio Lower Upper
83 100
55 63.4 64.6 97.0#
98 27.3 36.7 55.1#





#40
Benzene
Concen: 0.241 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

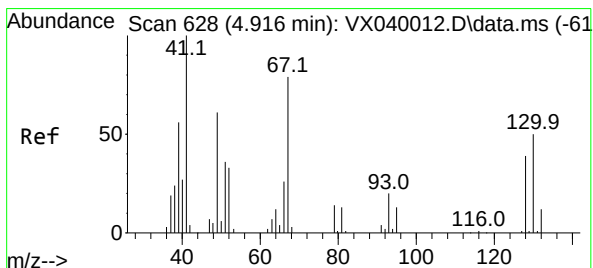
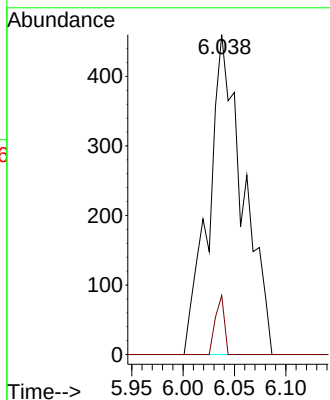
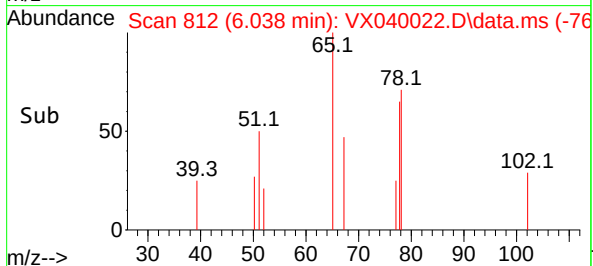
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 78 Resp: 1073
Ion Ratio Lower Upper
78 100
77 18.5 19.3 28.9

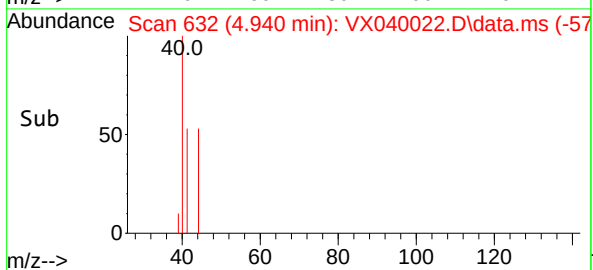
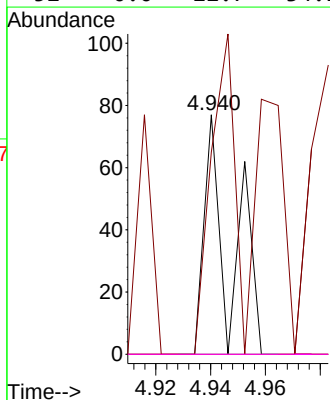
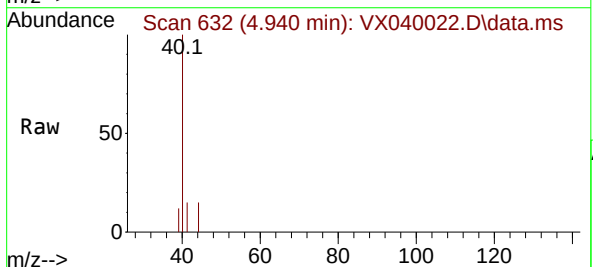
Manual Integrations
APPROVED

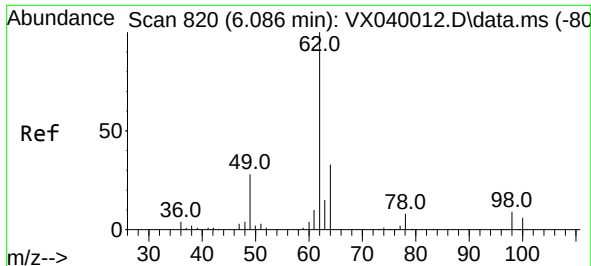
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#41
Methacrylonitrile
Concen: 0.060 ug/l
RT: 4.940 min Scan# 632
Delta R.T. 0.024 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

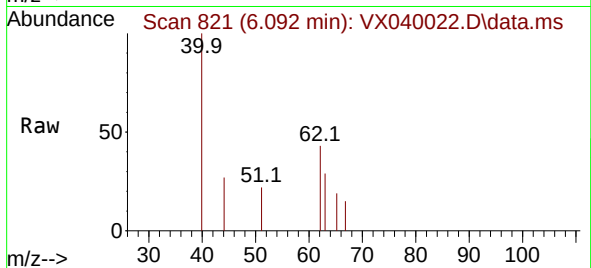
Tgt Ion: 41 Resp: 51
Ion Ratio Lower Upper
41 100
39 119.6 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#





#42
1,2-Dichloroethane
Concen: 0.190 ug/l
RT: 6.092 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

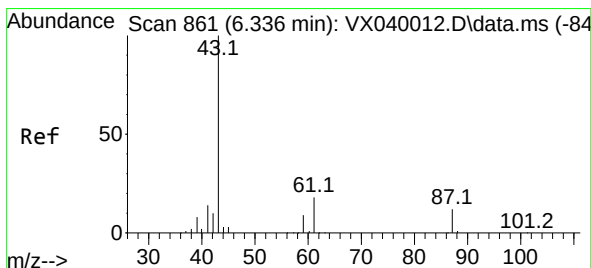
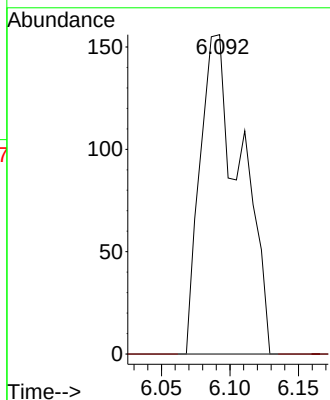
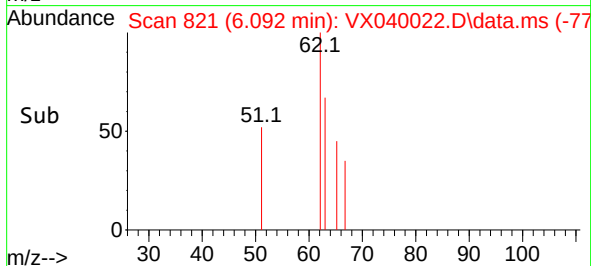
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



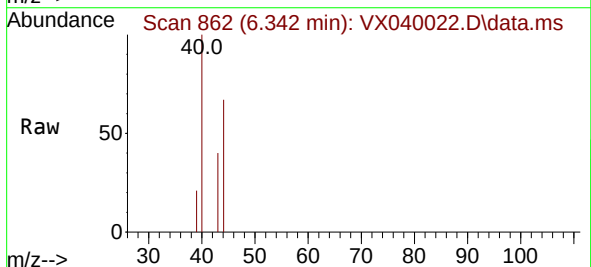
Tgt Ion: 62 Resp: 320
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0

Manual Integrations
APPROVED

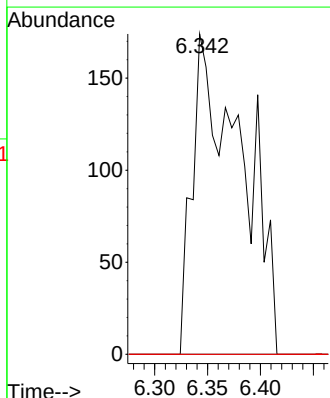
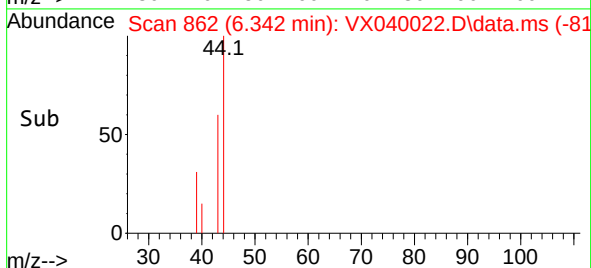
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

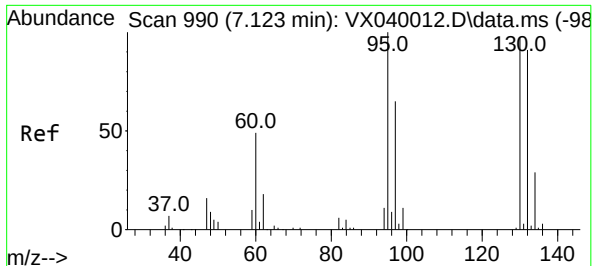


#43
Isopropyl Acetate
Concen: 0.214 ug/l m
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26



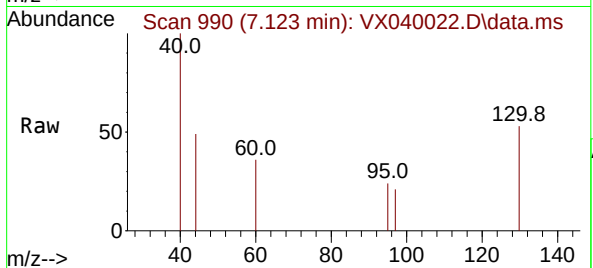
Tgt Ion: 43 Resp: 563
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.6#





#44
Trichloroethene
Concen: 0.248 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

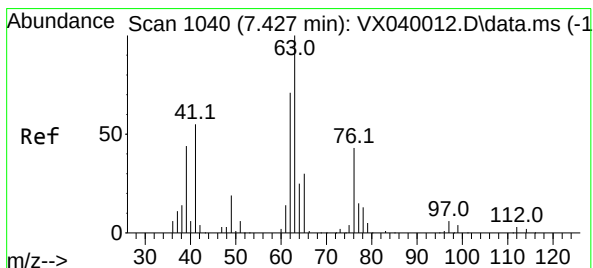
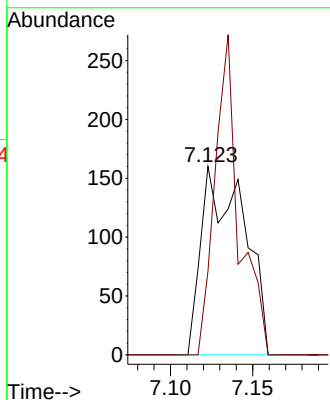
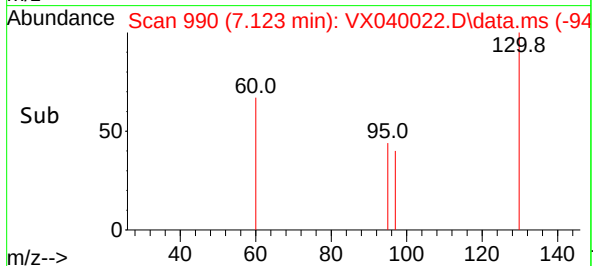
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



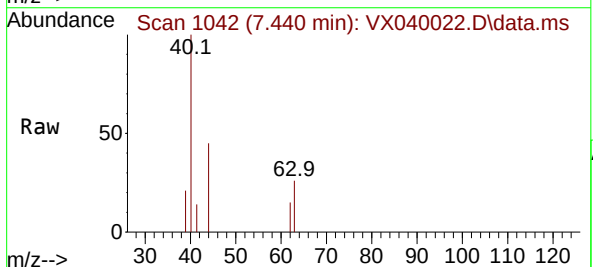
Tgt Ion:130 Resp: 290
Ion Ratio Lower Upper
130 100
95 44.4 0.0 204.4

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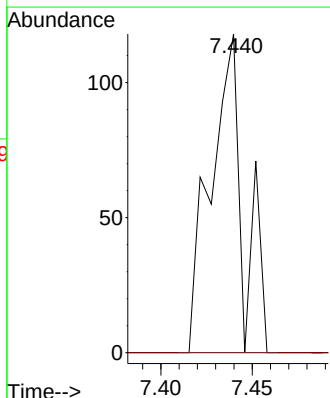
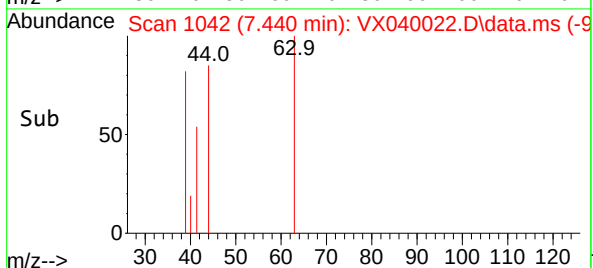
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

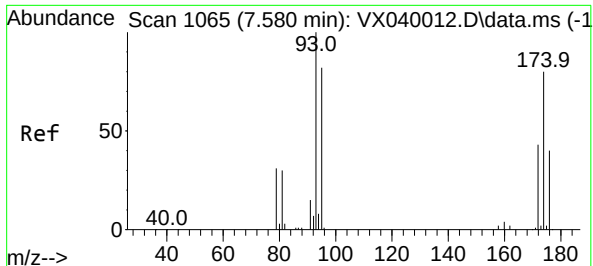


#45
1,2-Dichloropropane
Concen: 0.125 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26



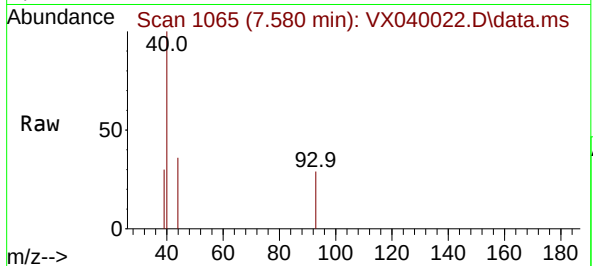
Tgt Ion: 63 Resp: 147
Ion Ratio Lower Upper
63 100
65 0.0 24.3 36.5#





#46
Dibromomethane
Concen: 0.161 ug/l
RT: 7.580 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

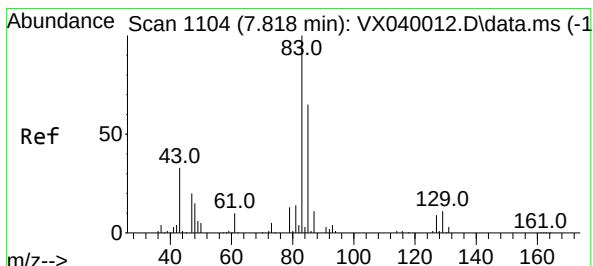
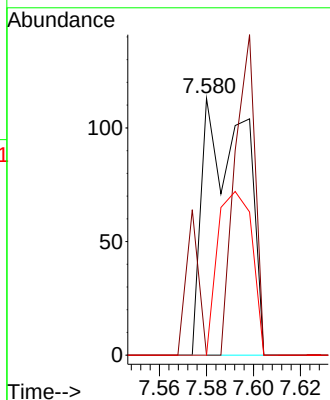
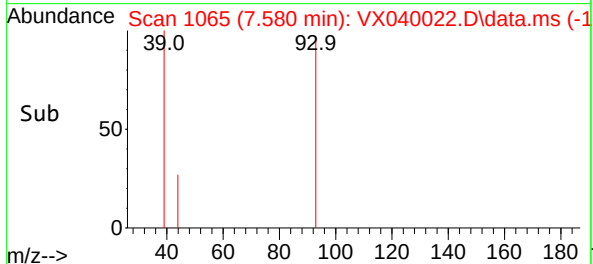
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 93 Resp: 142
Ion Ratio Lower Upper
93 100
95 16.2 66.6 100.0#
174 0.0 69.4 104.0#

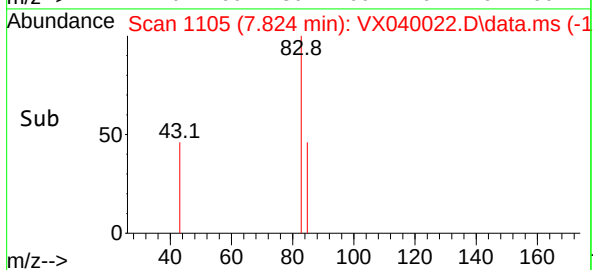
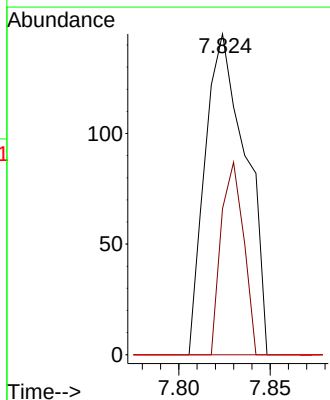
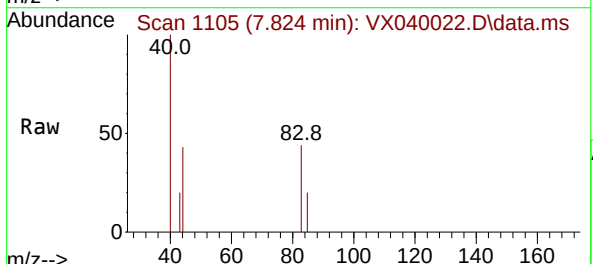
Manual Integrations
APPROVED

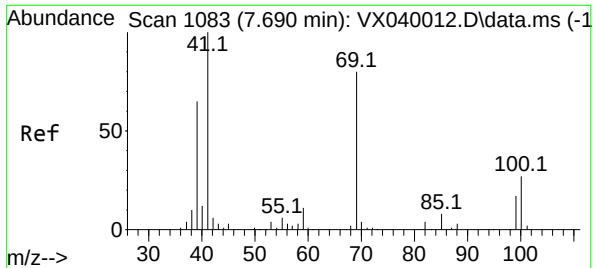
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#47
Bromodichloromethane
Concen: 0.143 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

Tgt Ion: 83 Resp: 225
Ion Ratio Lower Upper
83 100
85 45.5 49.8 74.6#
127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 0.040 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.012 min

Lab File: VX040022.D

Acq: 30 Jan 2024 16:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 41 Resp: 52

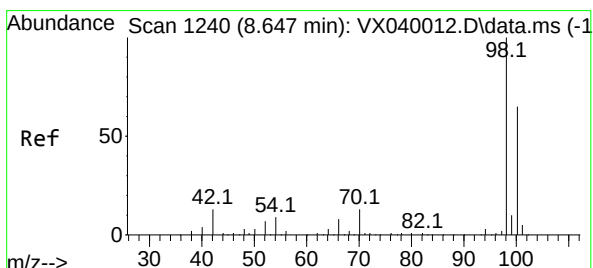
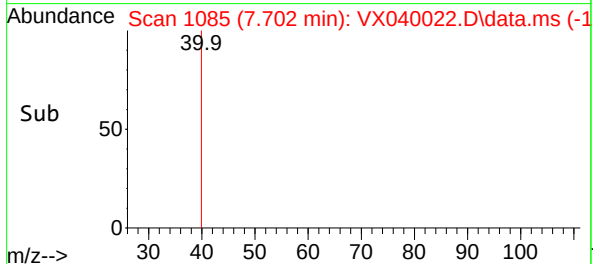
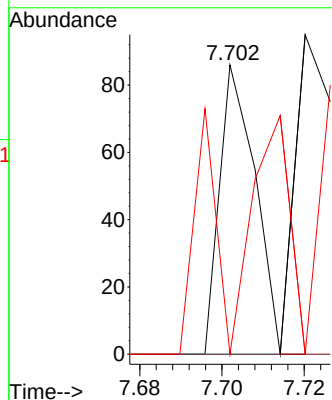
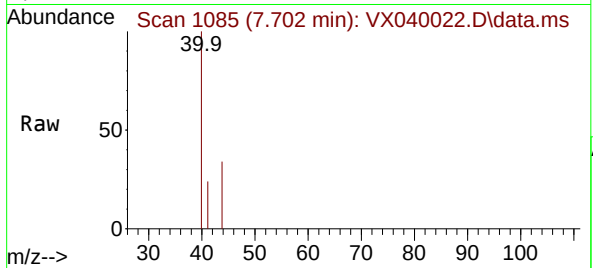
Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.2	88.8
39	51.9	47.7	71.5

Manual Integrations

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Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#50

Toluene-d8

Concen: 49.993 ug/l

RT: 8.647 min Scan# 1240

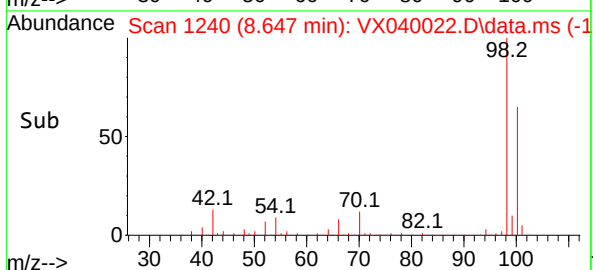
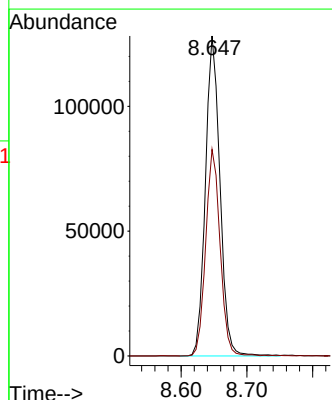
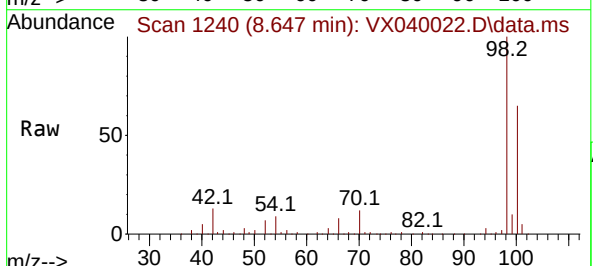
Delta R.T. 0.000 min

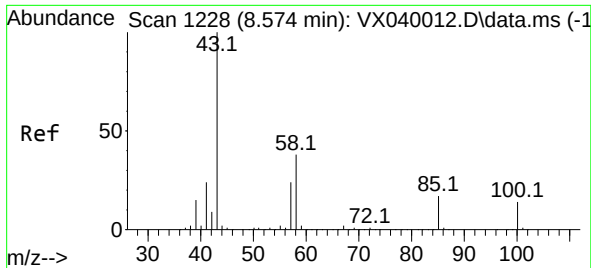
Lab File: VX040022.D

Acq: 30 Jan 2024 16:26

Tgt Ion: 98 Resp: 197374

Ion	Ratio	Lower	Upper
98	100		
100	64.2	53.1	79.7





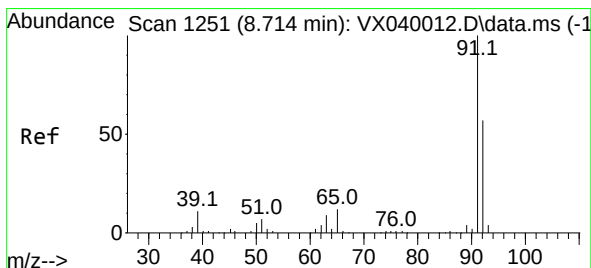
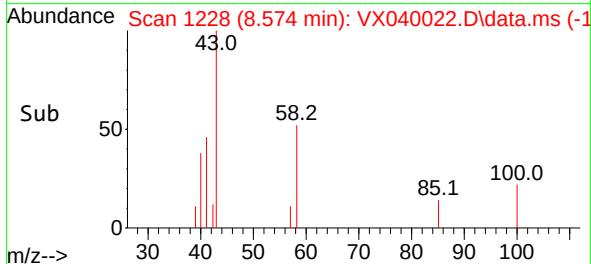
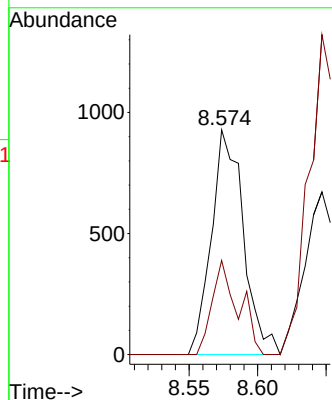
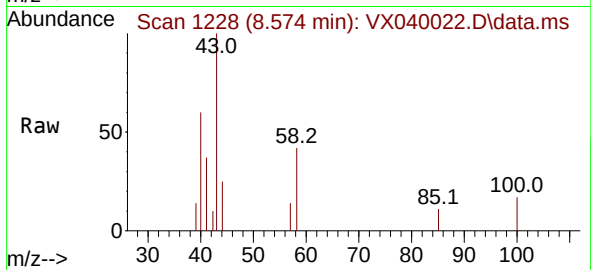
#51
4-Methyl-2-Pentanone
Concen: 0.838 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

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

Tgt Ion: 43 Resp: 1504
Ion Ratio Lower Upper
43 100
58 34.6 30.4 45.6

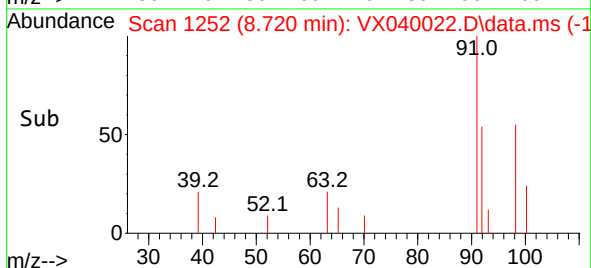
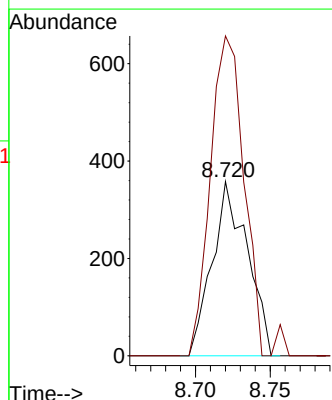
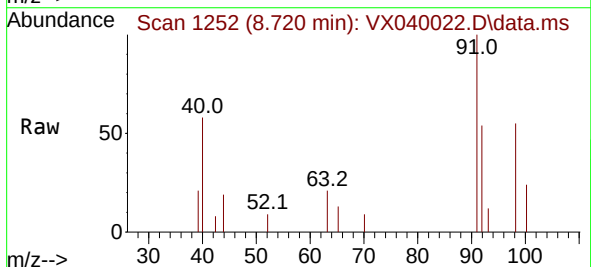
Manual Integrations
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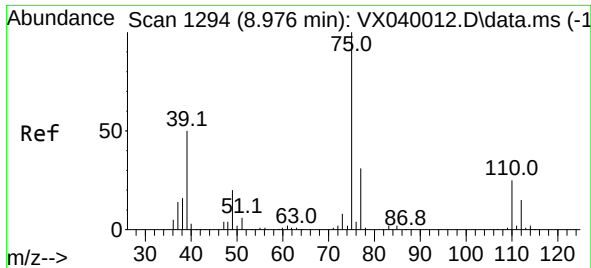
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#52
Toluene
Concen: 0.212 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

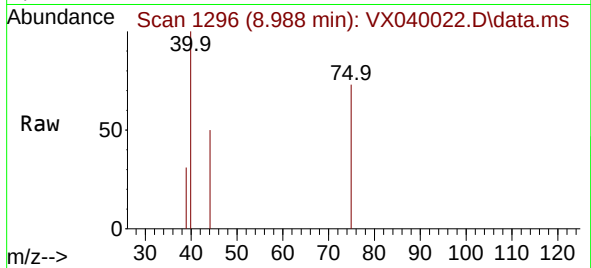
Tgt Ion: 92 Resp: 587
Ion Ratio Lower Upper
92 100
91 173.8 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 0.203 ug/l
RT: 8.988 min Scan# 1195
Delta R.T. 0.012 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

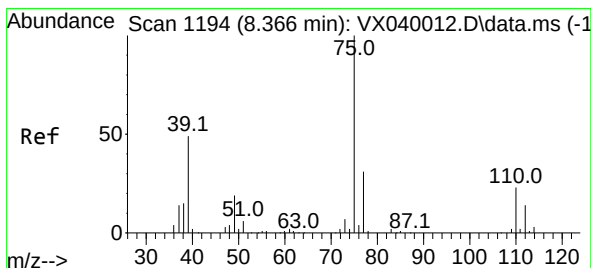
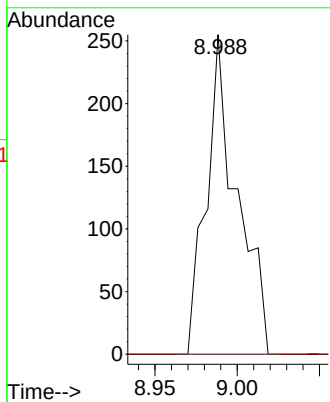
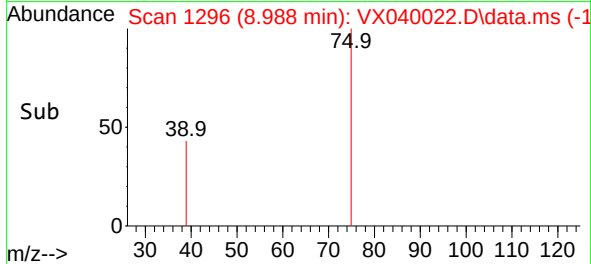
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 75 Resp: 330
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5

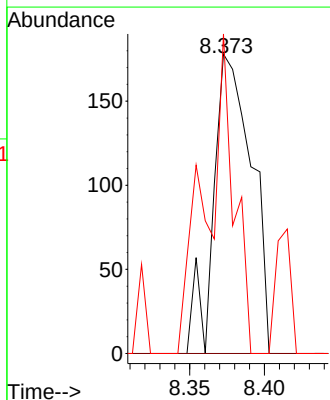
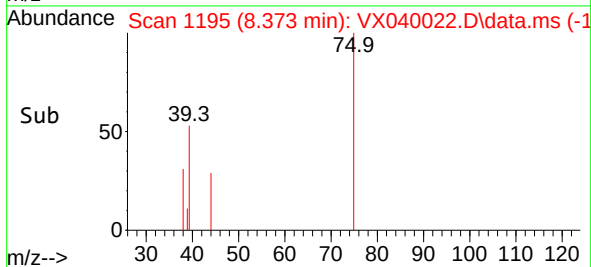
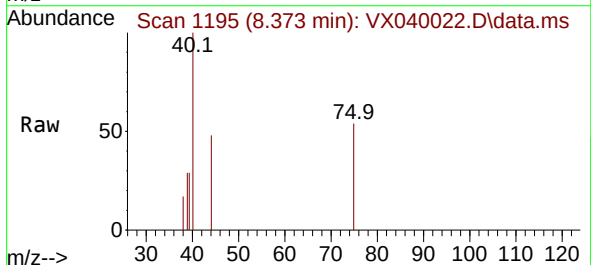
Manual Integrations
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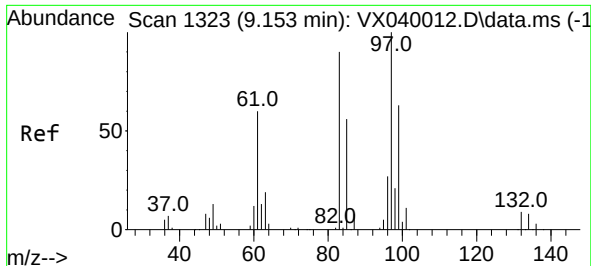
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#54
cis-1,3-Dichloropropene
Concen: 0.182 ug/l
RT: 8.373 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

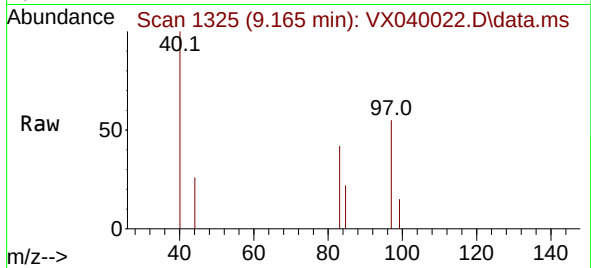
Tgt Ion: 75 Resp: 317
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 106.7 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 0.213 ug/l
RT: 9.165 min Scan# 1323
Delta R.T. 0.012 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

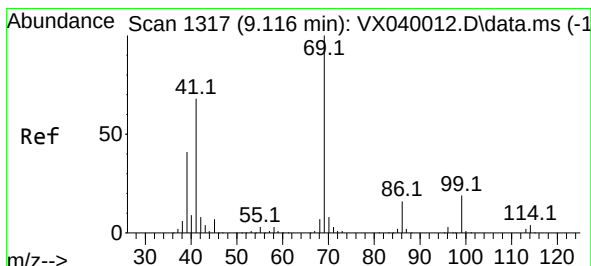
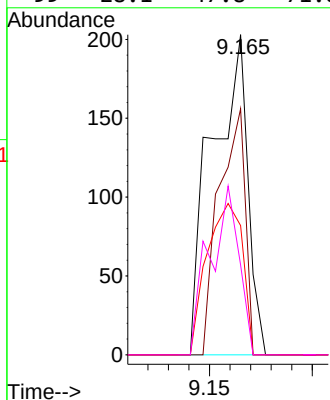
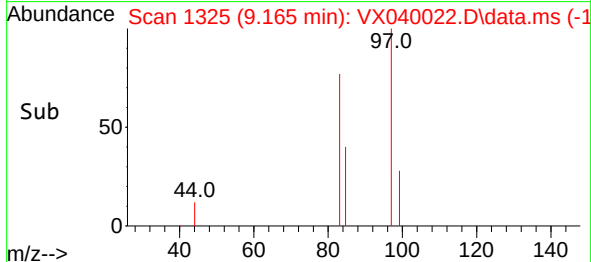
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



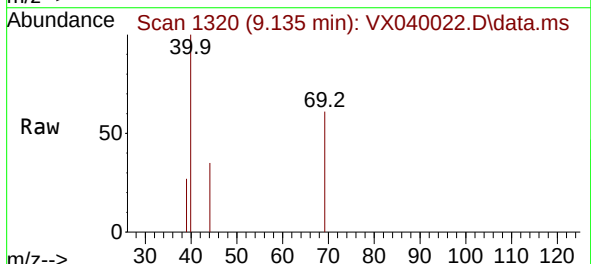
Tgt Ion	Ratio	Lower	Upper
97	100		
83	76.8	65.8	98.8
85	40.4	41.6	62.4
99	28.1	47.8	71.8

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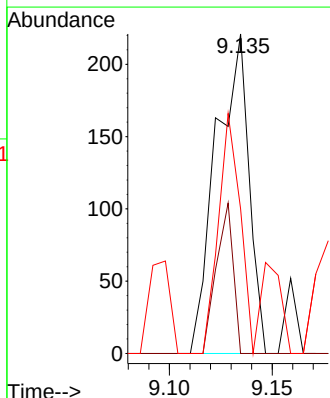
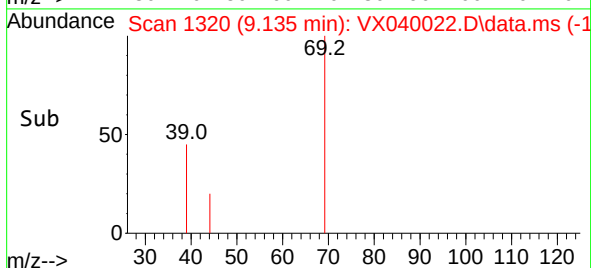
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

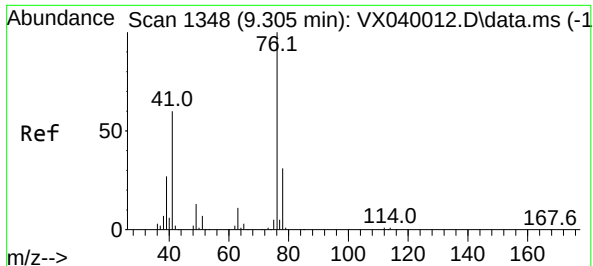


#56
Ethyl methacrylate
Concen: 0.146 ug/l
RT: 9.135 min Scan# 1320
Delta R.T. 0.018 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26



Tgt Ion	Ratio	Lower	Upper
69	100		
41	24.1	56.8	85.2
39	49.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 0.155 ug/l

RT: 9.311 min Scan# 1176

Delta R.T. 0.006 min

Lab File: VX040022.D

Acq: 30 Jan 2024 16:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 76 Resp: 292

Ion Ratio Lower Upper

76 100

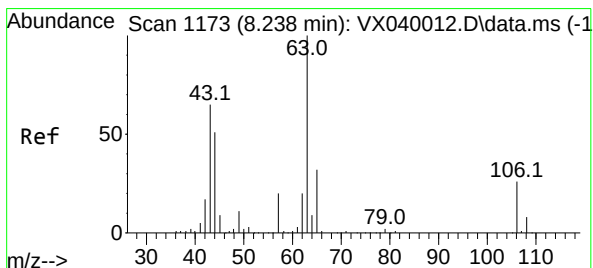
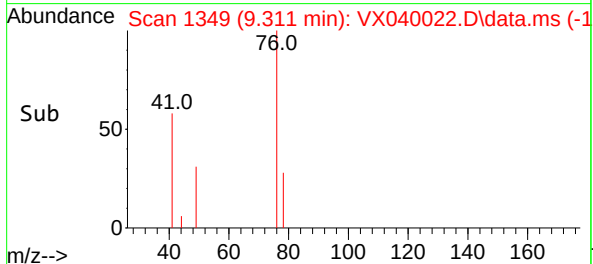
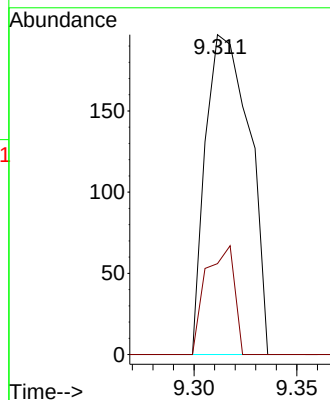
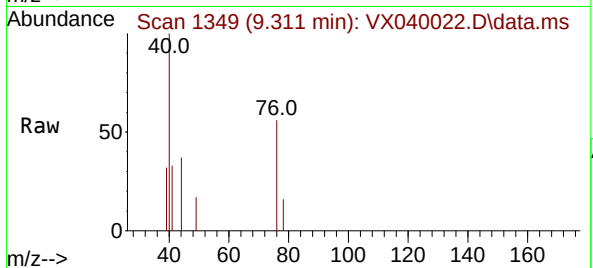
78 21.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#58

2-Chloroethyl Vinyl ether

Concen: 1.894 ug/l

RT: 8.257 min Scan# 1176

Delta R.T. 0.018 min

Lab File: VX040022.D

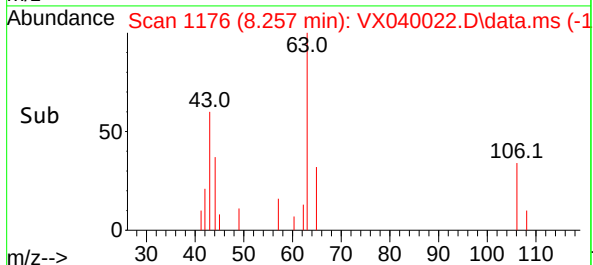
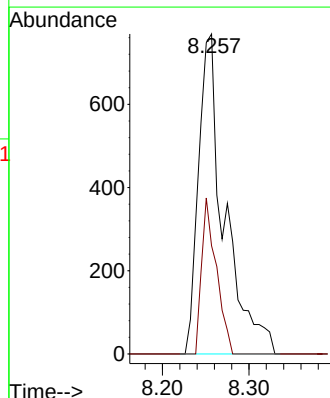
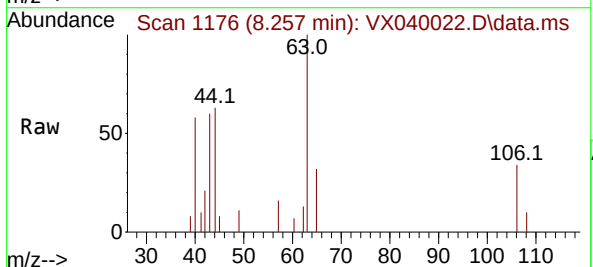
Acq: 30 Jan 2024 16:26

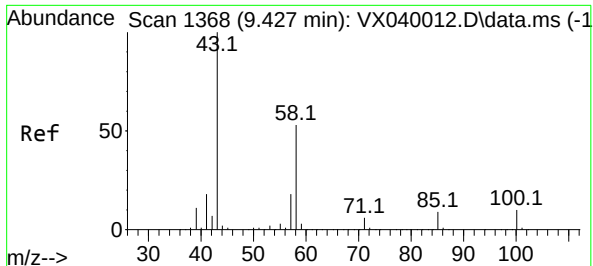
Tgt Ion: 63 Resp: 1596

Ion Ratio Lower Upper

63 100

106 27.6 22.5 33.7





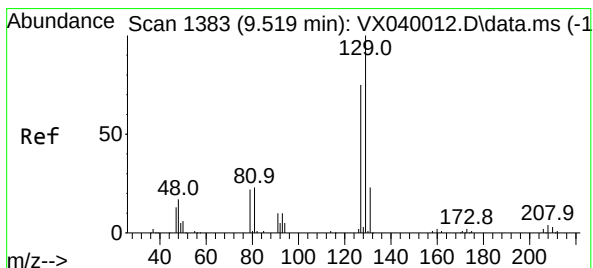
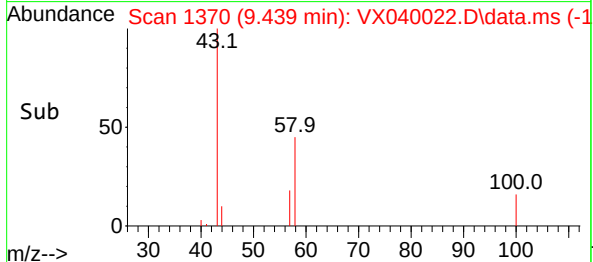
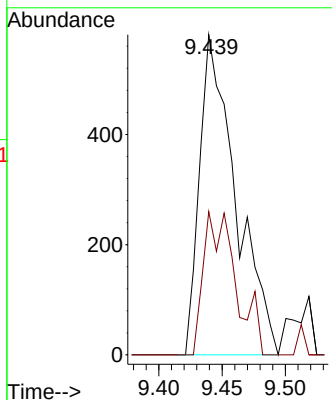
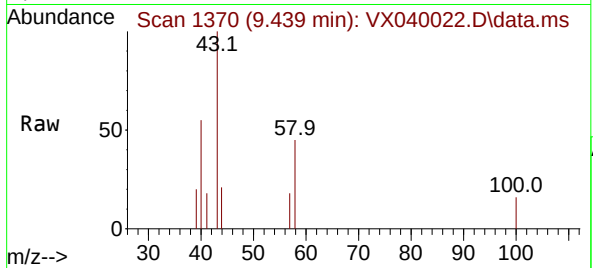
#59
2-Hexanone
Concen: 0.810 ug/l
RT: 9.439 min Scan# 1159
Delta R.T. 0.012 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

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

Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
58 39.5 26.2 78.5

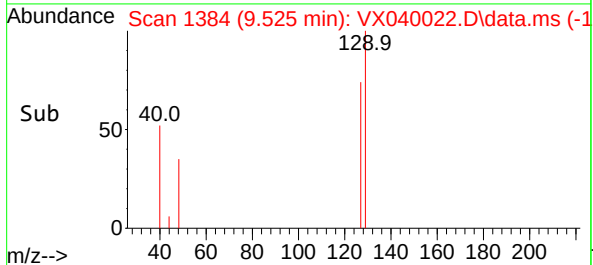
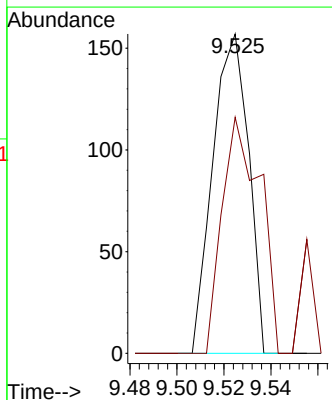
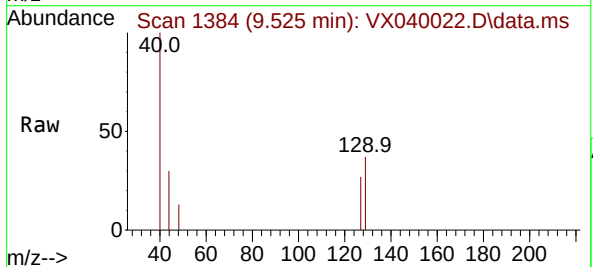
Manual Integrations
APPROVED

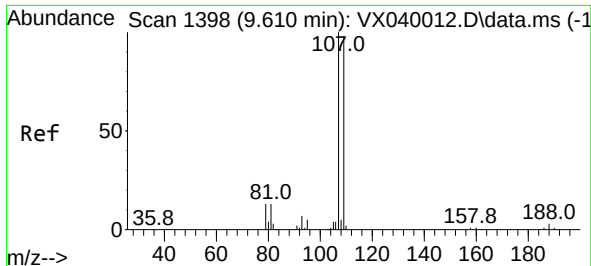
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#60
Dibromochloromethane
Concen: 0.144 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

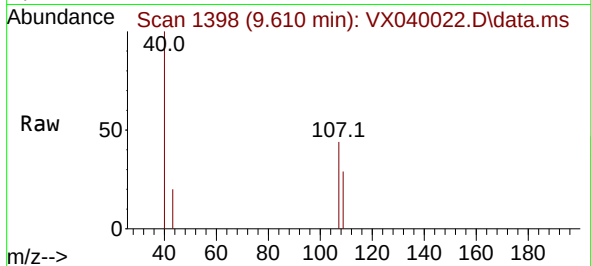
Tgt Ion:129 Resp: 166
Ion Ratio Lower Upper
129 100
127 78.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 0.169 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

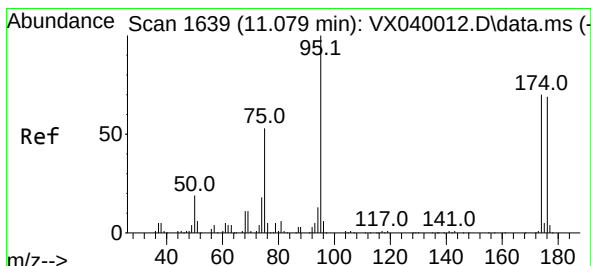
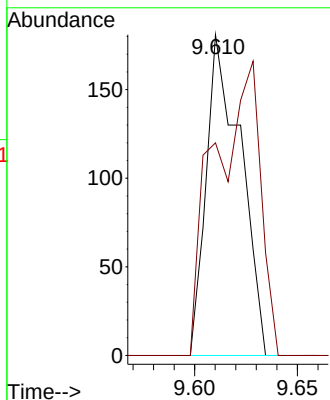
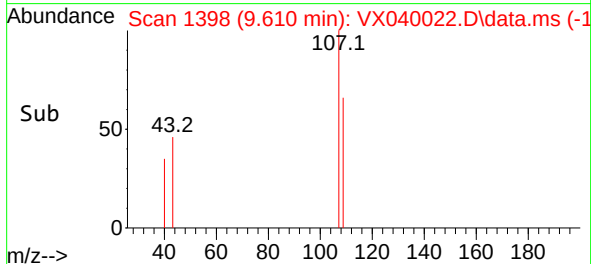
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



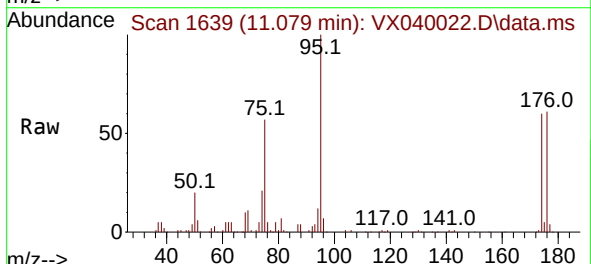
Tgt Ion:107 Resp: 210
Ion Ratio Lower Upper
107 100
109 121.9 75.2 112.8

Manual Integrations
APPROVED

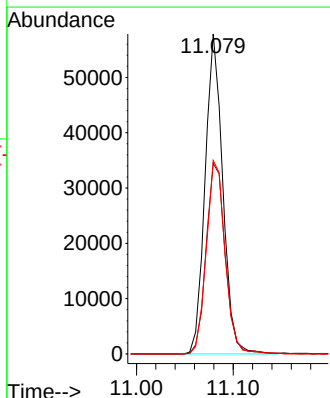
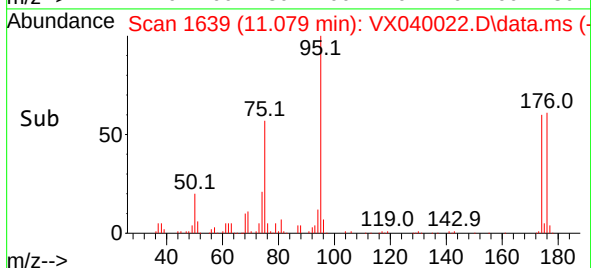
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

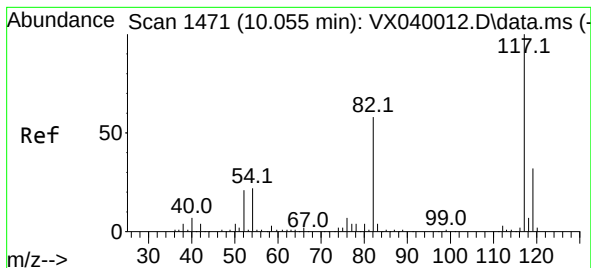


#62
4-Bromofluorobenzene
Concen: 48.354 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26



Tgt Ion: 95 Resp: 73508
Ion Ratio Lower Upper
95 100
174 64.5 0.0 135.6
176 64.0 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: VX040022.D

Acq: 30 Jan 2024 16:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion:117 Resp: 136960

Ion Ratio Lower Upper

117 100

82 55.3 46.2 69.4

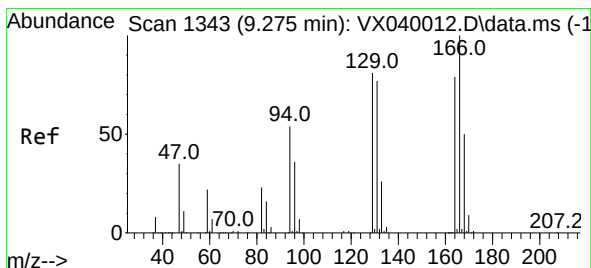
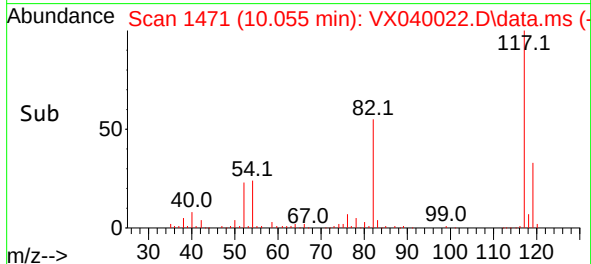
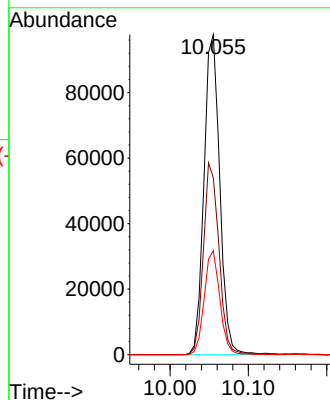
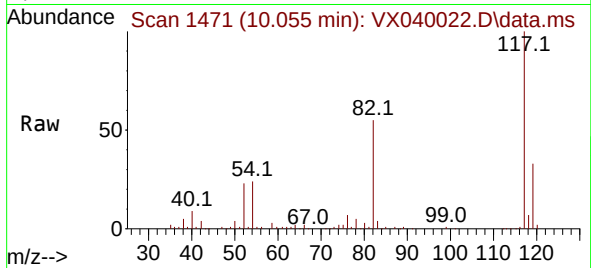
119 32.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#64

Tetrachloroethene

Concen: 0.235 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX040022.D

Acq: 30 Jan 2024 16:26

Tgt Ion:164 Resp: 209

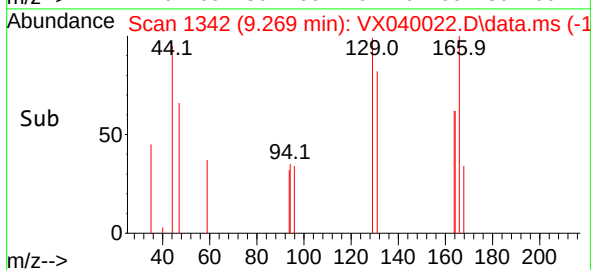
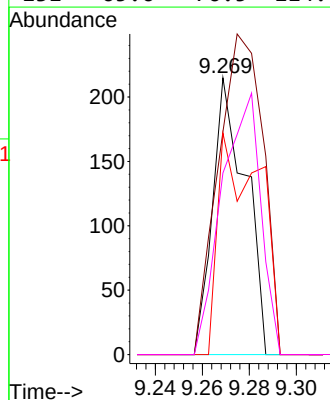
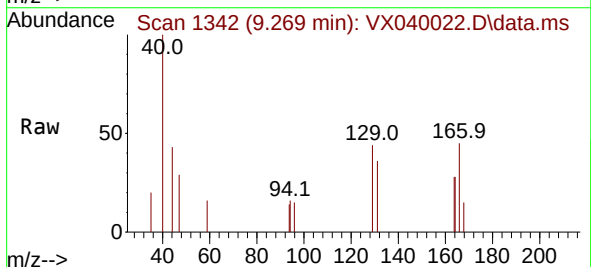
Ion Ratio Lower Upper

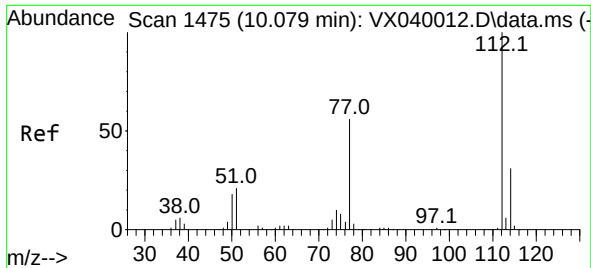
164 100

166 80.5 102.7 154.1#

129 80.0 80.4 120.6#

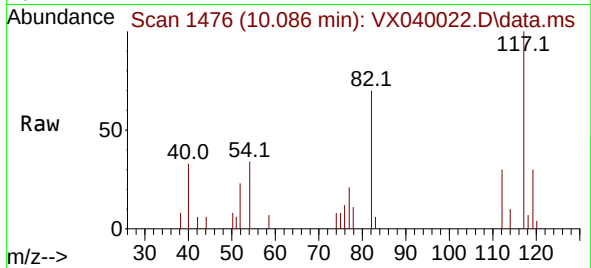
131 65.6 76.5 114.7#





#65
Chlorobenzene
Concen: 0.254 ug/l
RT: 10.086 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

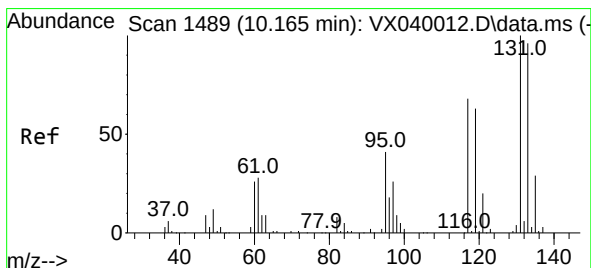
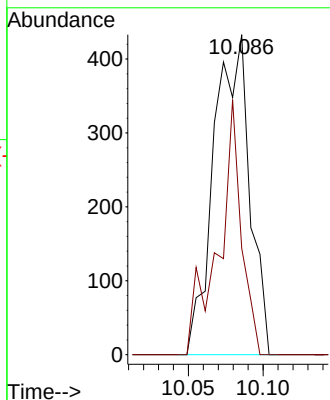
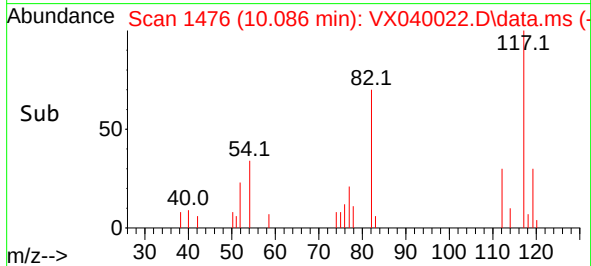
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:112 Resp: 718
Ion Ratio Lower Upper
112 100
114 33.3 25.7 38.5

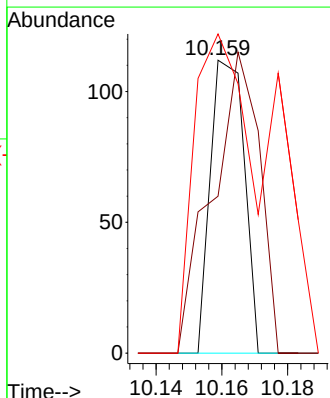
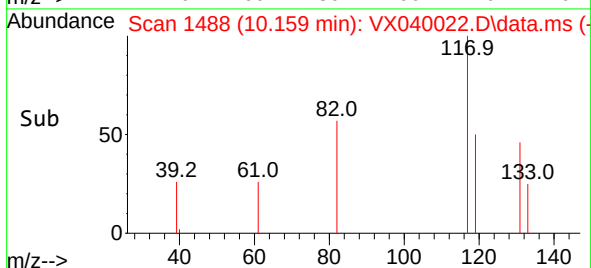
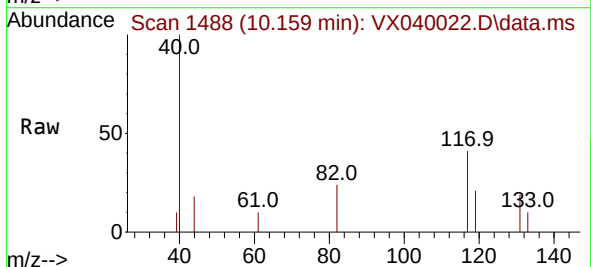
Manual Integrations
APPROVED

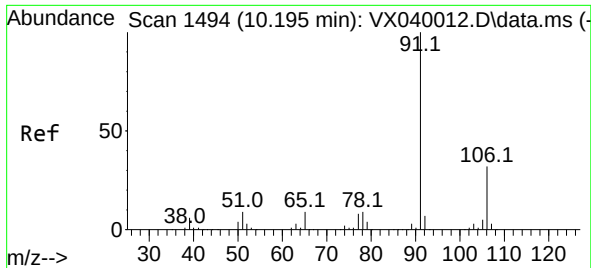
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 0.084 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

Tgt Ion:131 Resp: 80
Ion Ratio Lower Upper
131 100
133 143.8 47.1 141.4#
119 0.0 32.2 96.6#





#67

Ethyl Benzene

Concen: 0.224 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX040022.D

Acq: 30 Jan 2024 16:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 91 Resp: 1139

Ion Ratio Lower Upper

91 100

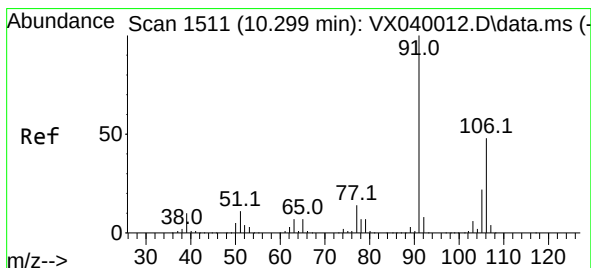
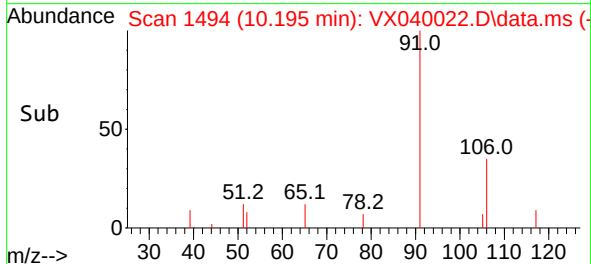
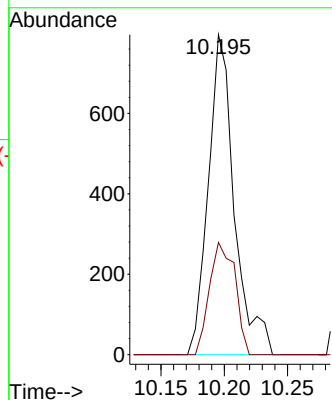
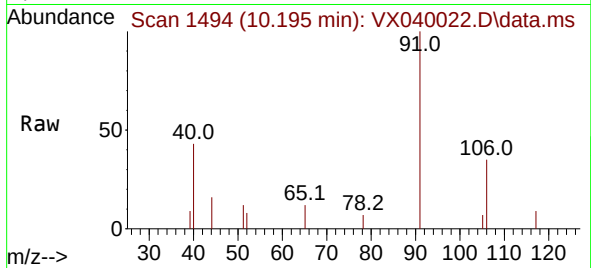
106 35.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#68

m/p-Xylenes

Concen: 0.423 ug/l

RT: 10.311 min Scan# 1513

Delta R.T. 0.012 min

Lab File: VX040022.D

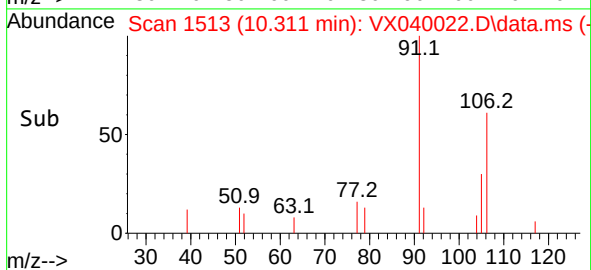
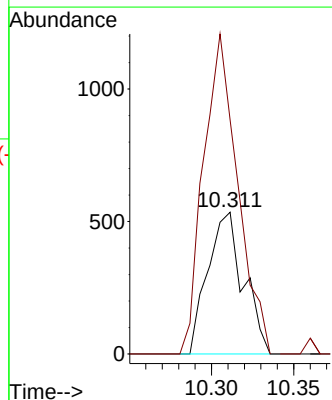
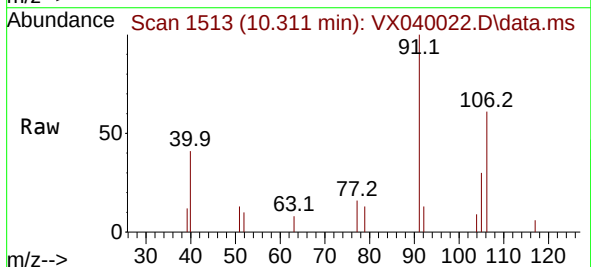
Acq: 30 Jan 2024 16:26

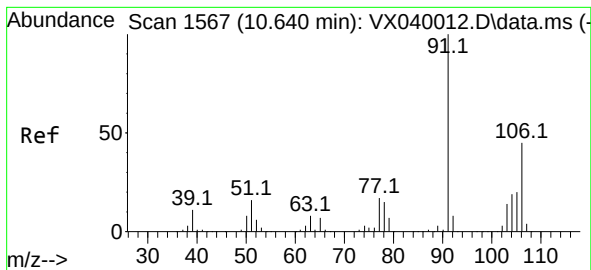
Tgt Ion:106 Resp: 808

Ion Ratio Lower Upper

106 100

91 216.8 165.5 248.3





#69

o-Xylene

Concen: 0.209 ug/l

RT: 10.647 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX040022.D

Acq: 30 Jan 2024 16:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion:106 Resp: 379

Ion Ratio Lower Upper

106 100

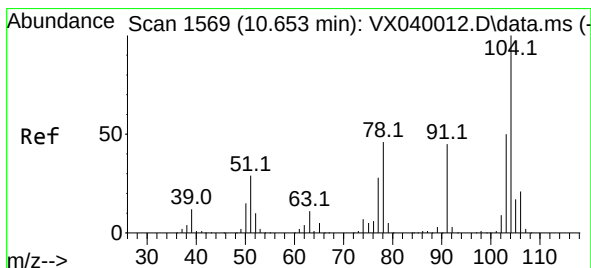
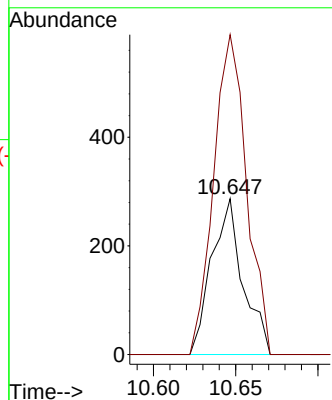
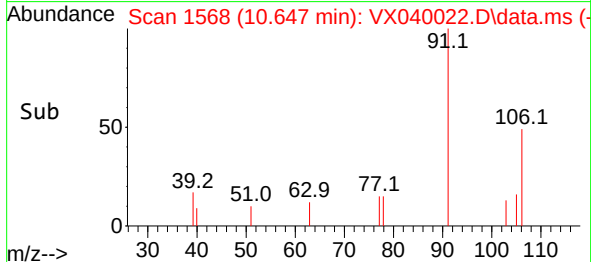
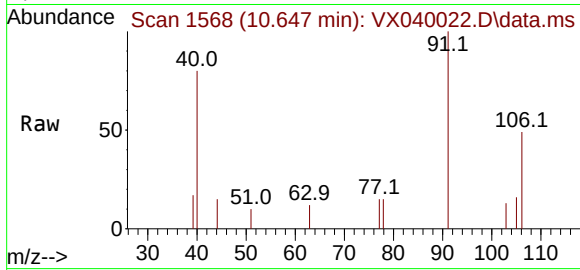
91 216.6 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2024

Supervised By :Semsettin Yesilyurt 01/31/2024



#70

Styrene

Concen: 0.186 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.012 min

Lab File: VX040022.D

Acq: 30 Jan 2024 16:26

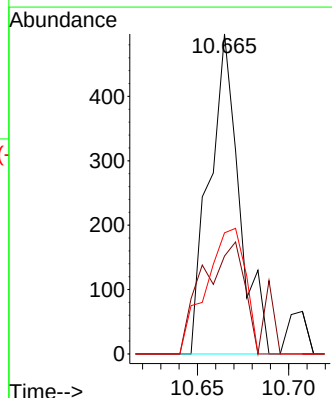
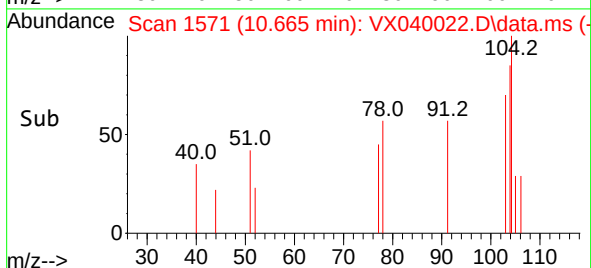
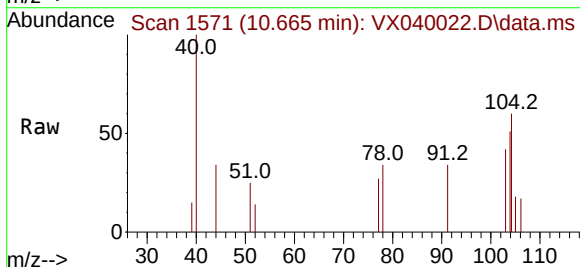
Tgt Ion:104 Resp: 569

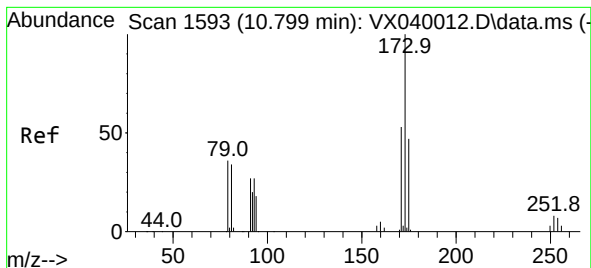
Ion Ratio Lower Upper

104 100

78 48.5 43.6 65.4

103 51.3 43.6 65.4





#71

Bromoform

Concen: 0.176 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040022.D

Acq: 30 Jan 2024 16:26

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

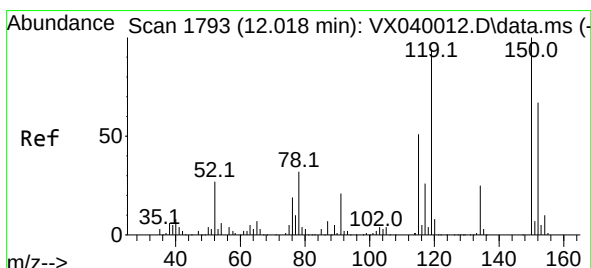
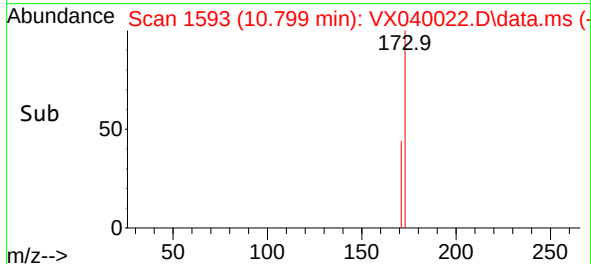
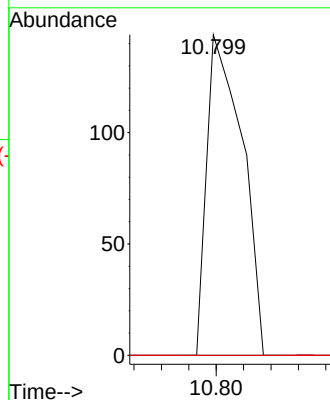
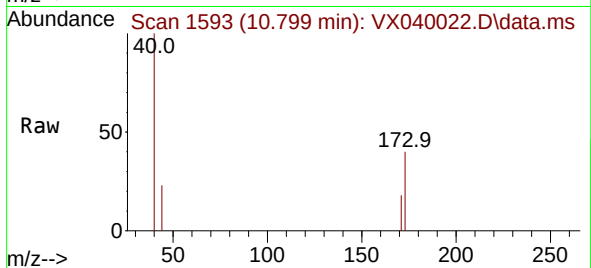
Tgt Ion:173	Resp:	129
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.1
254	0.0	0.0

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

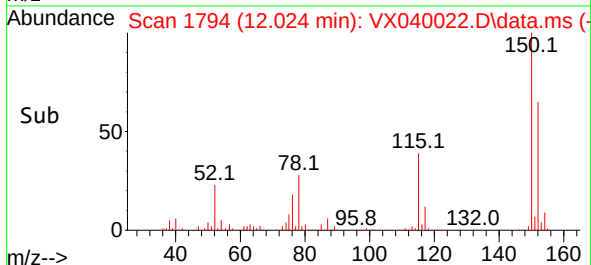
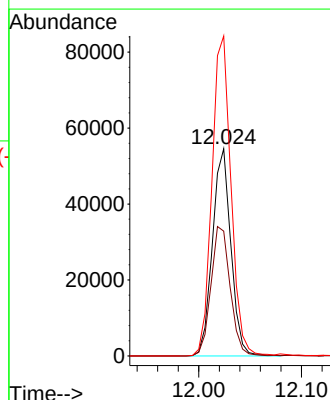
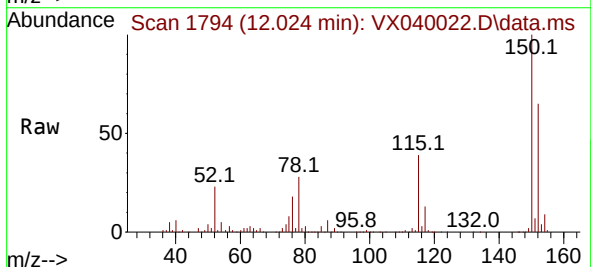
RT: 12.024 min Scan# 1794

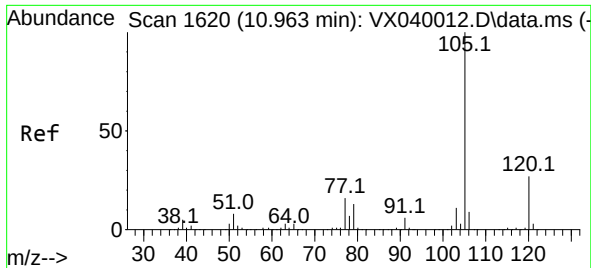
Delta R.T. 0.006 min

Lab File: VX040022.D

Acq: 30 Jan 2024 16:26

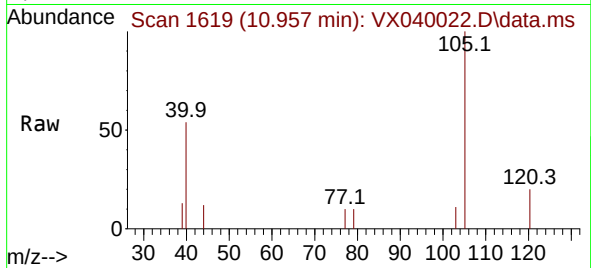
Tgt Ion:152	Resp:	67865
Ion Ratio	Lower	Upper
152	100	
115	65.2	43.3
150	159.3	0.0





#73
Isopropylbenzene
Concen: 0.216 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

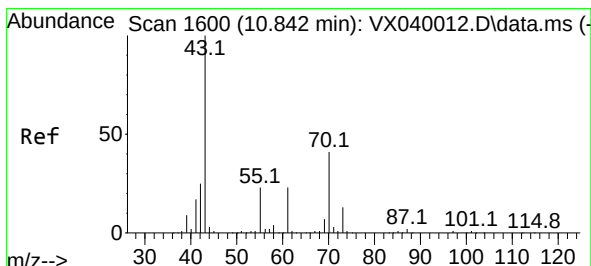
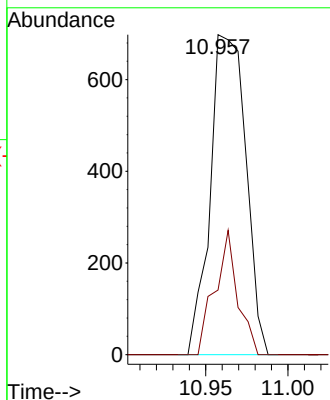
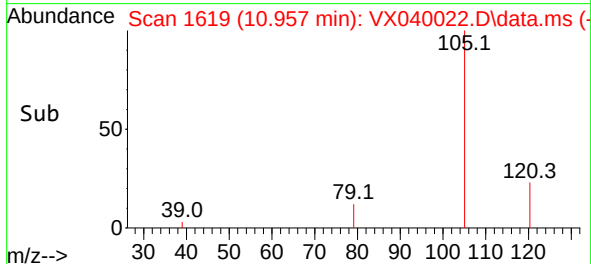
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



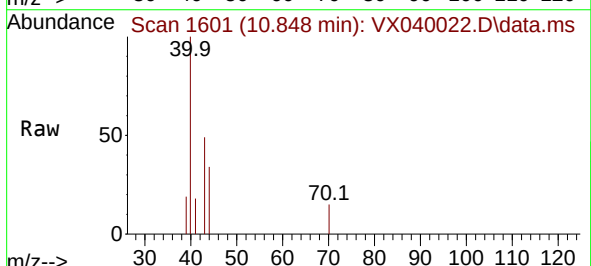
Tgt Ion:105 Resp: 1052
Ion Ratio Lower Upper
105 100
120 24.8 12.9 38.6

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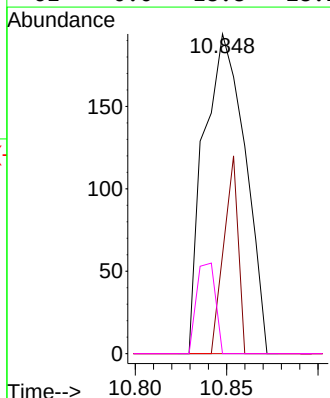
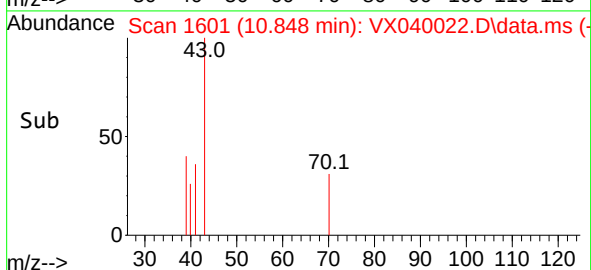
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

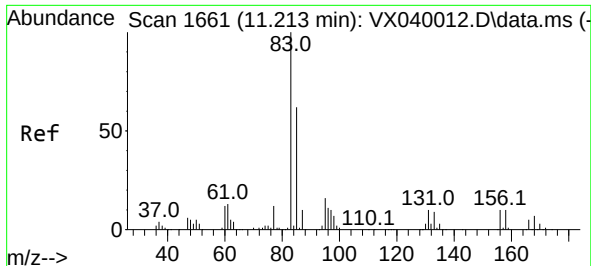


#74
N-ethyl acetate
Concen: 0.137 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26



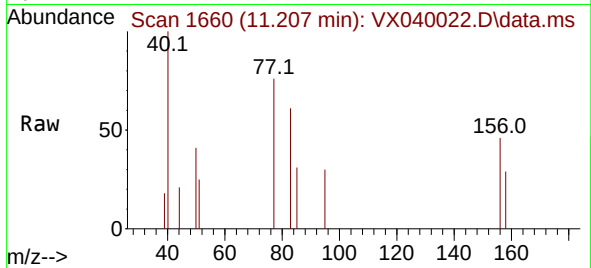
Tgt Ion: 43 Resp: 304
Ion Ratio Lower Upper
43 100
70 21.7 32.9 49.3#
55 0.0 19.3 28.9#
61 0.0 18.8 28.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.190 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

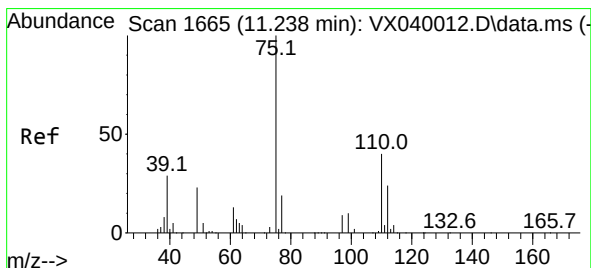
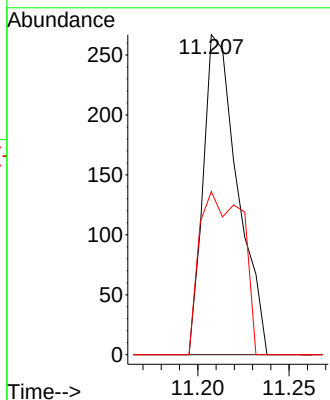
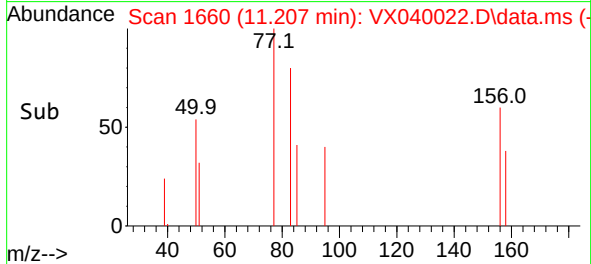
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



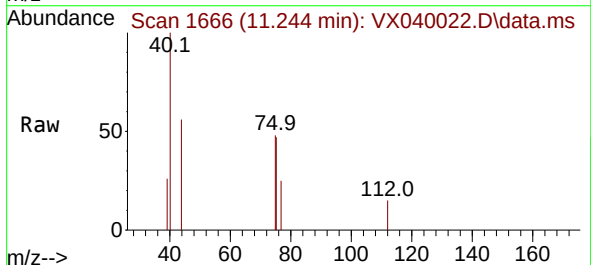
Tgt Ion: 83 Resp: 349
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.8
85 63.6 32.0 96.2

Manual Integrations
APPROVED

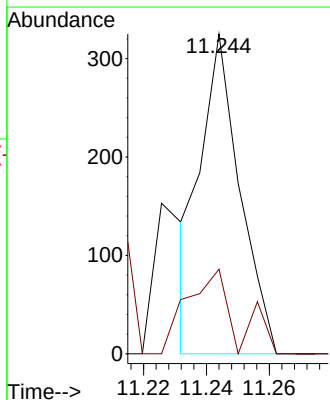
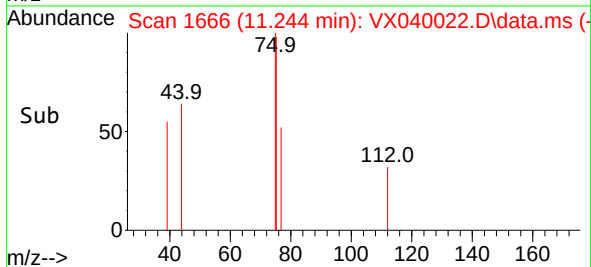
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

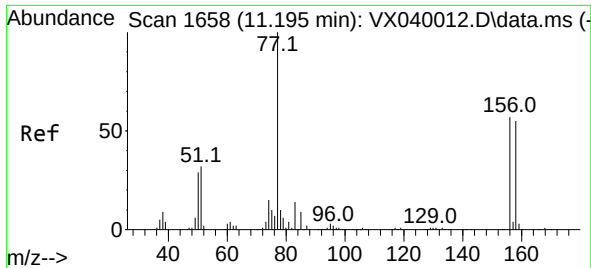


#76
1,2,3-Trichloropropane
Concen: 0.192 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26



Tgt Ion: 75 Resp: 278
Ion Ratio Lower Upper
75 100
77 158.6 19.1 57.5#





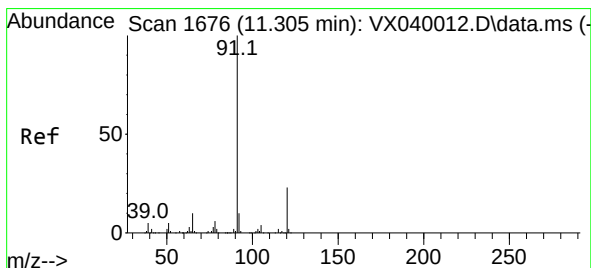
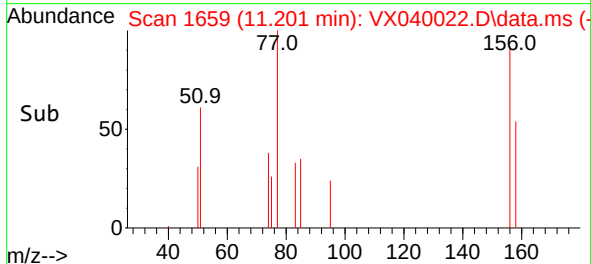
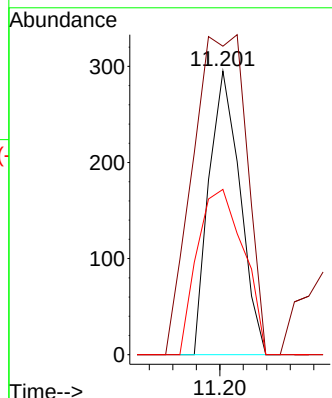
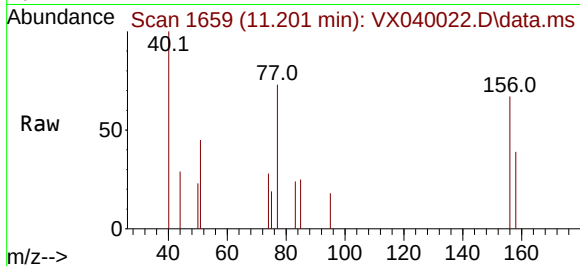
#77
Bromobenzene
Concen: 0.240 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

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

Tgt Ion:156 Resp: 270
Ion Ratio Lower Upper
156 100
77 196.3 88.4 265.3
158 87.4 48.0 144.0

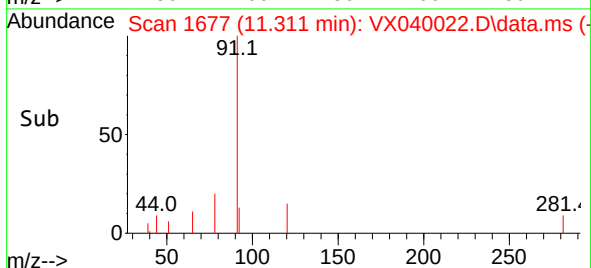
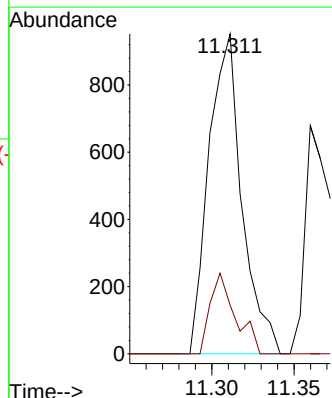
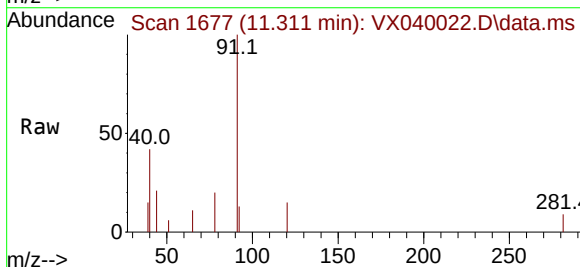
Manual Integrations
APPROVED

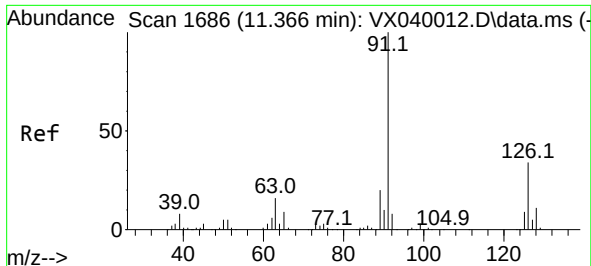
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#78
n-propylbenzene
Concen: 0.222 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

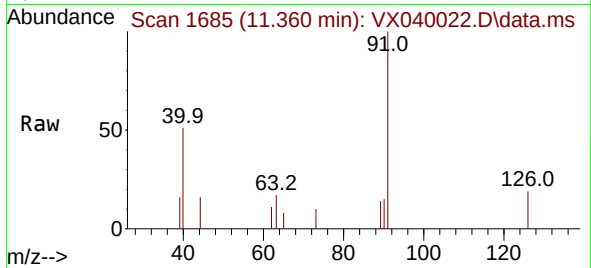
Tgt Ion: 91 Resp: 1332
Ion Ratio Lower Upper
91 100
120 19.2 11.5 34.4





#79
2-Chlorotoluene
Concen: 0.230 ug/l
RT: 11.360 min Scan# 110
Delta R.T. -0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

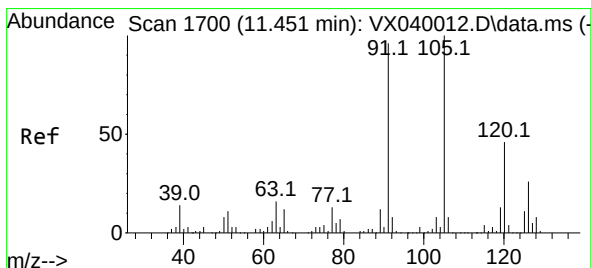
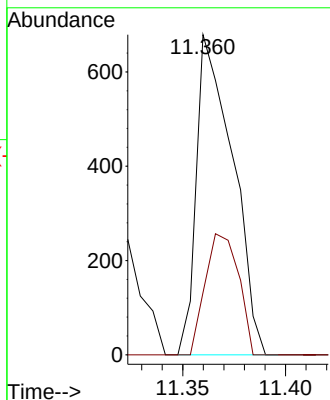
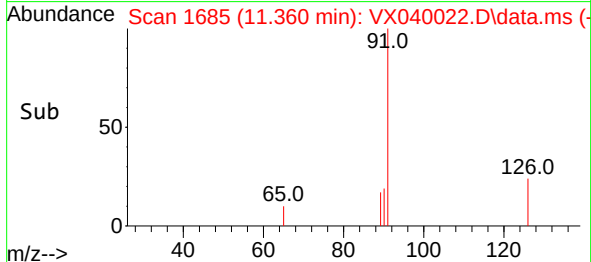
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



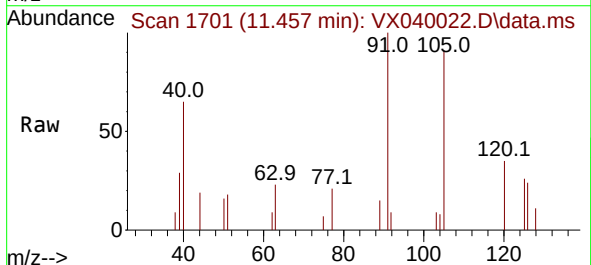
Tgt Ion: 91 Resp: 830
Ion Ratio Lower Upper
91 100
126 34.8 16.3 48.8

Manual Integrations
APPROVED

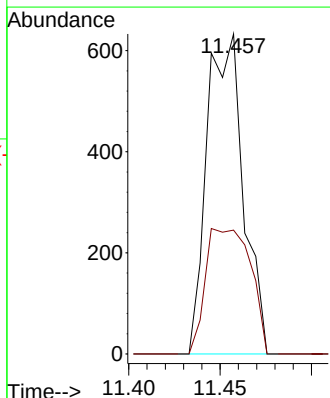
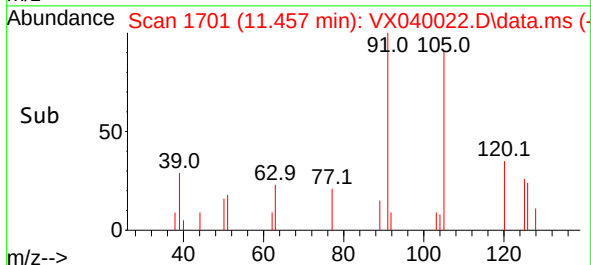
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

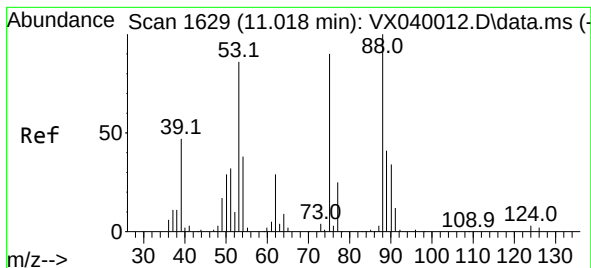


#80
1,3,5-Trimethylbenzene
Concen: 0.208 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26



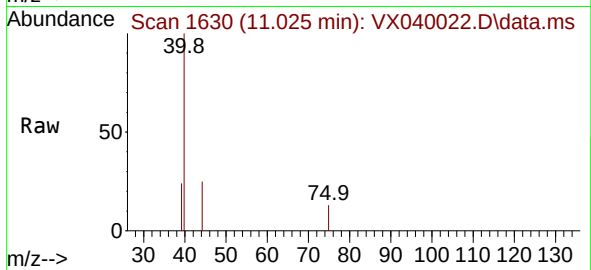
Tgt Ion:105 Resp: 873
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 0.043 ug/l m
RT: 11.025 min Scan# 1
Delta R.T. 0.007 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

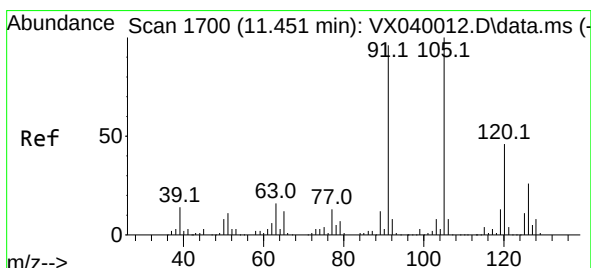
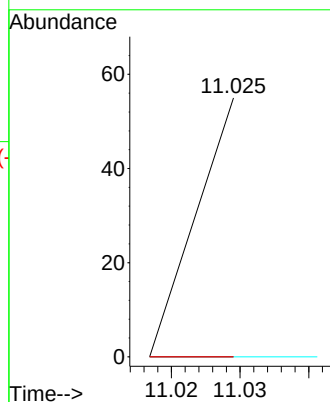
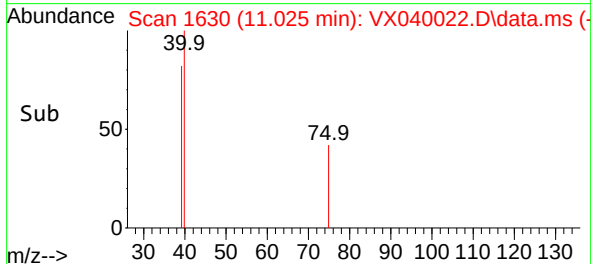
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



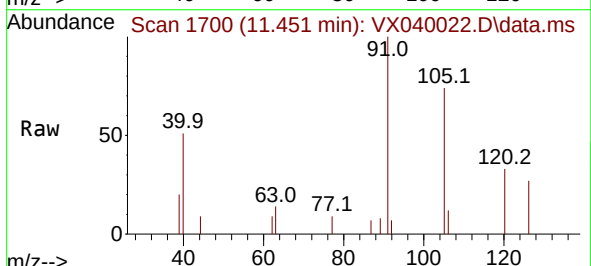
Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 0.0 36.9 55.3

Manual Integrations
APPROVED

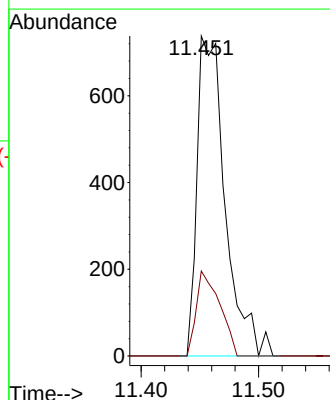
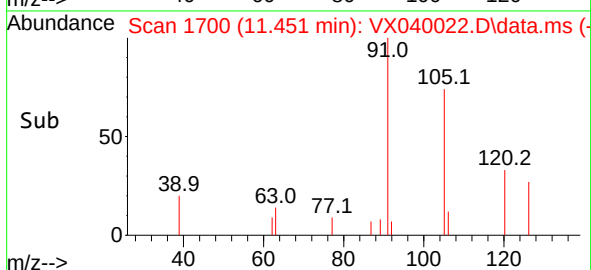
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

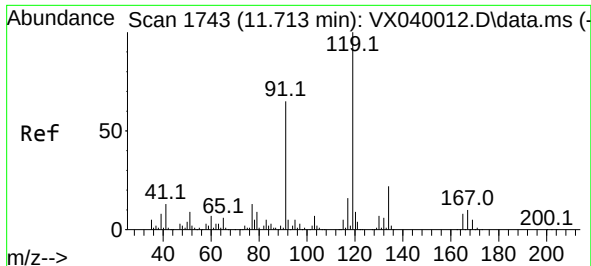


#82
4-Chlorotoluene
Concen: 0.296 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26



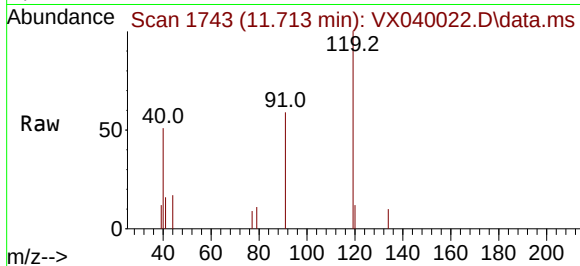
Tgt Ion: 91 Resp: 1226
Ion Ratio Lower Upper
91 100
126 22.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 0.231 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

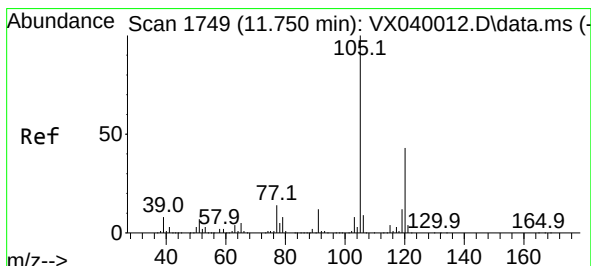
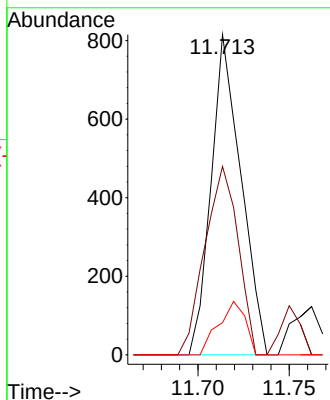
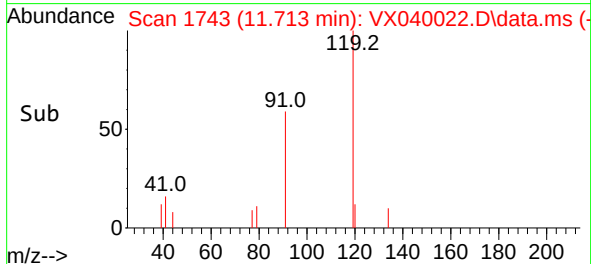
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



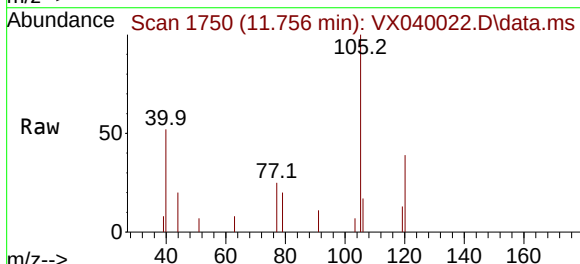
Tgt Ion:119 Resp: 920
Ion Ratio Lower Upper
119 100
91 65.6 31.2 93.6
134 15.0 11.7 35.0

Manual Integrations
APPROVED

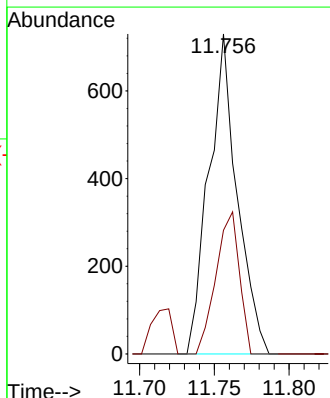
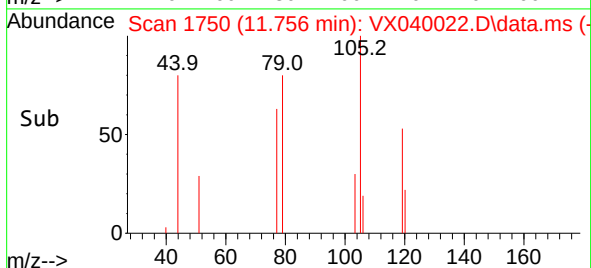
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

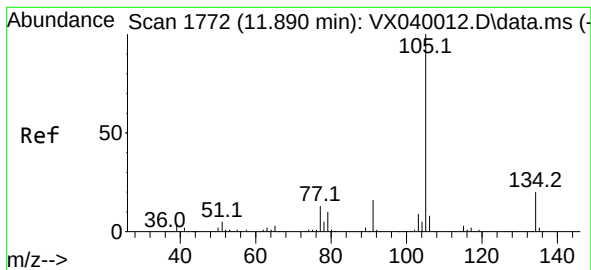


#84
1,2,4-Trimethylbenzene
Concen: 0.230 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26



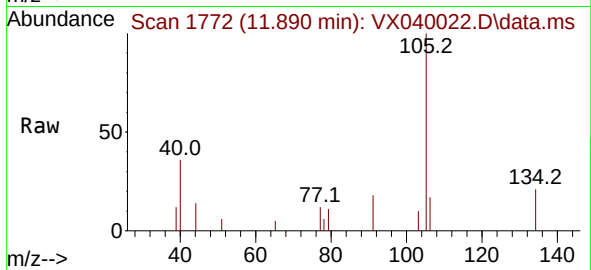
Tgt Ion:105 Resp: 961
Ion Ratio Lower Upper
105 100
120 36.7 21.2 63.6





#85
sec-Butylbenzene
Concen: 0.254 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

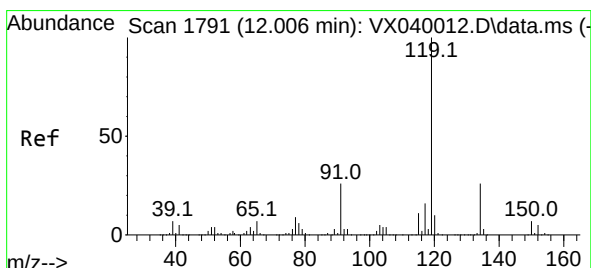
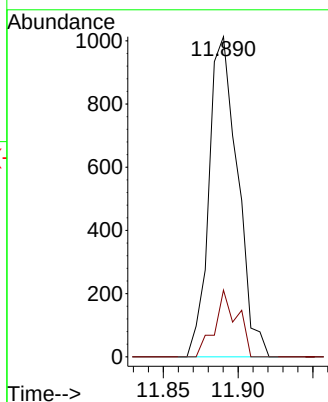
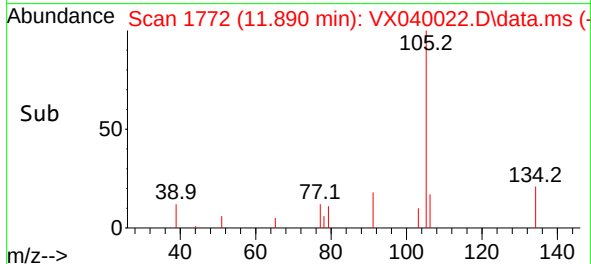
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



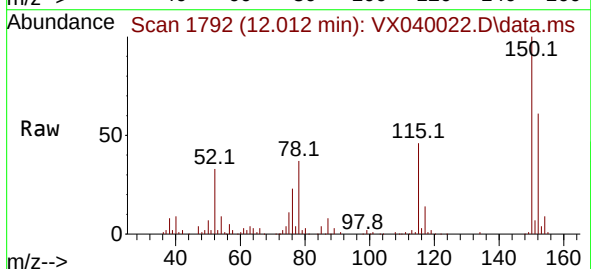
Tgt Ion:105 Resp: 134
Ion Ratio Lower Upper
105 100
134 16.4 9.8 29.4

Manual Integrations
APPROVED

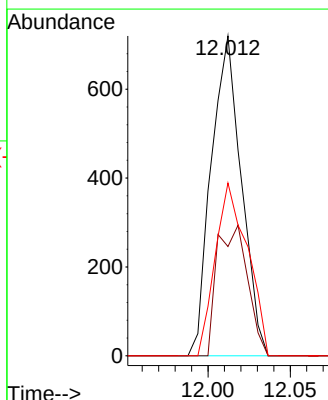
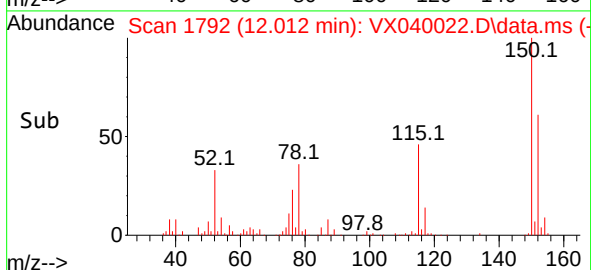
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

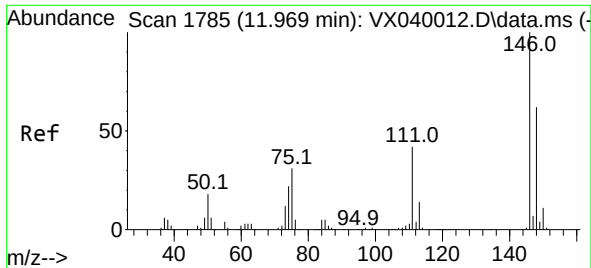


#86
p-Isopropyltoluene
Concen: 0.212 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26



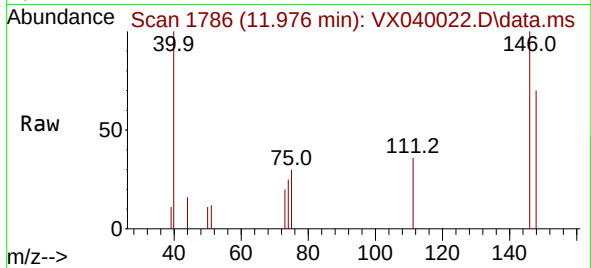
Tgt Ion:119 Resp: 918
Ion Ratio Lower Upper
119 100
134 41.2 12.8 38.3#
91 57.7 13.1 39.3#





#87
1,3-Dichlorobenzene
Concen: 0.315 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

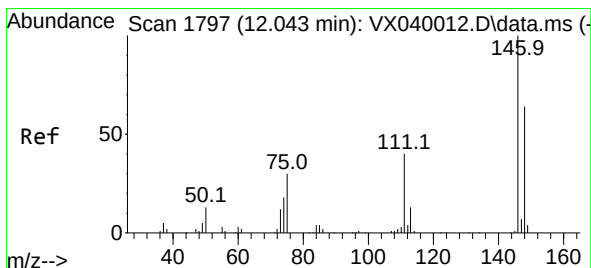
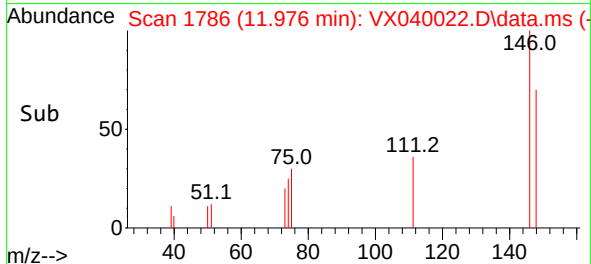
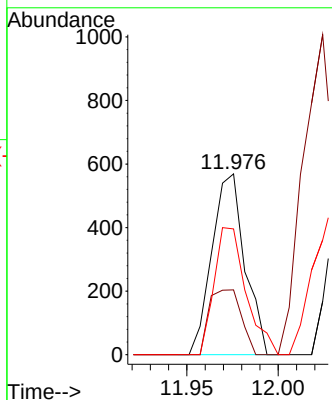
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:146 Resp: 714
Ion Ratio Lower Upper
146 100
111 34.9 22.1 66.1
148 68.2 31.8 95.3

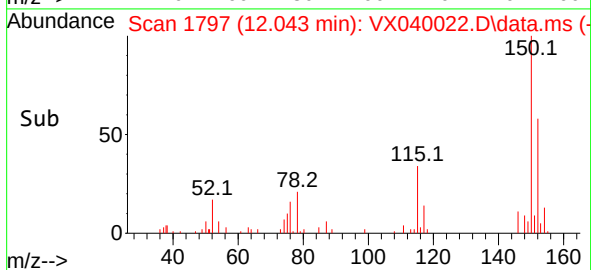
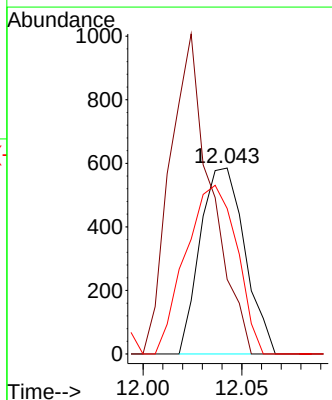
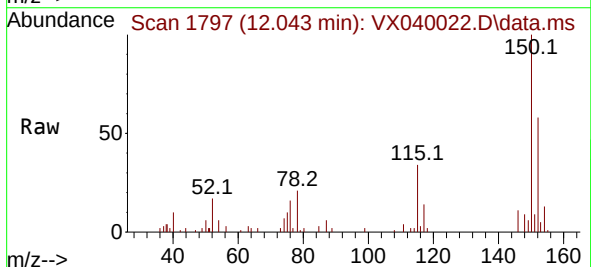
Manual Integrations
APPROVED

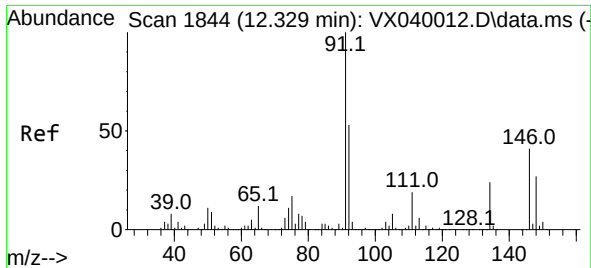
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#88
1,4-Dichlorobenzene
Concen: 0.396 ug/l m
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

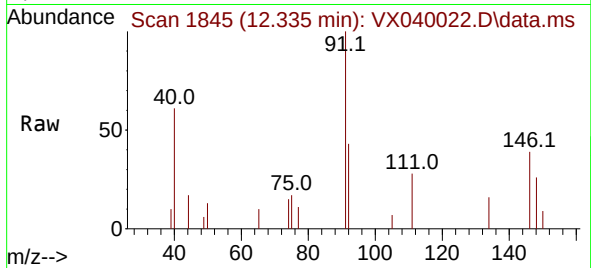
Tgt Ion:146 Resp: 920
Ion Ratio Lower Upper
146 100
111 27.1 21.3 63.7
148 52.9 31.8 95.4





#89
n-Butylbenzene
Concen: 0.271 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

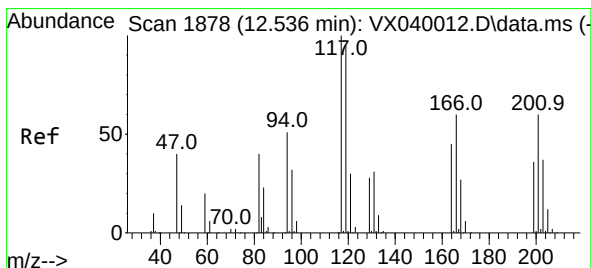
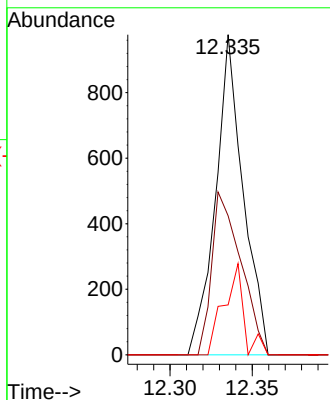
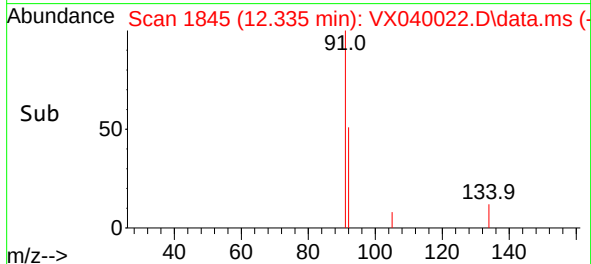
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 91 Resp: 114
Ion Ratio Lower Upper
91 100
92 53.4 27.4 82.0
134 20.6 12.6 37.8

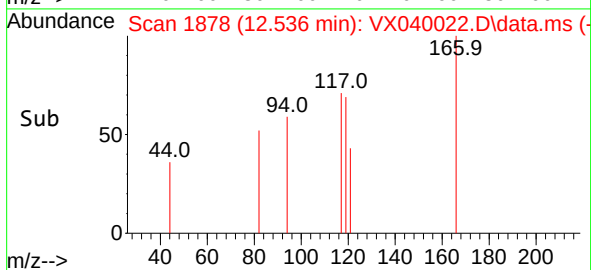
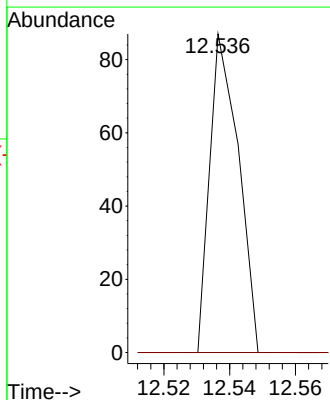
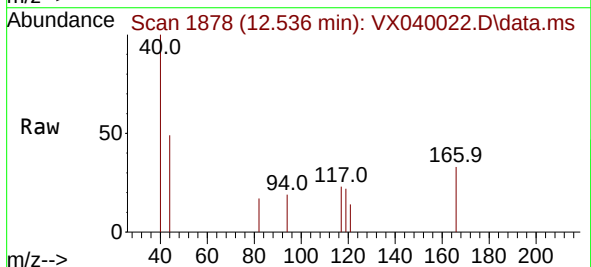
Manual Integrations
APPROVED

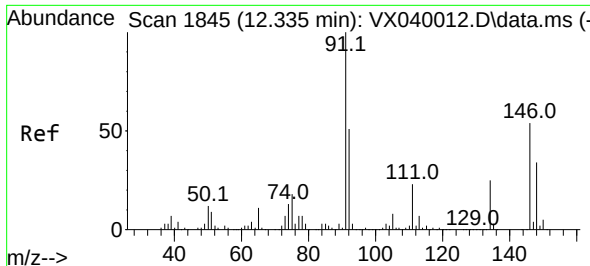
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#90
Hexachloroethane
Concen: 0.077 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

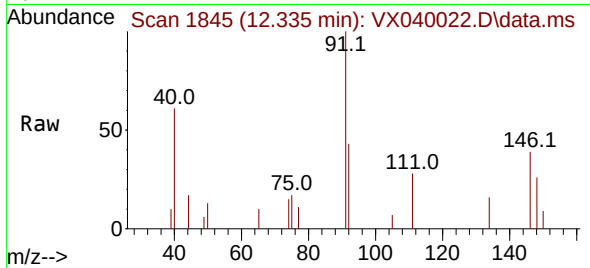
Tgt Ion:117 Resp: 53
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#





#91
1,2-Dichlorobenzene
Concen: 0.213 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

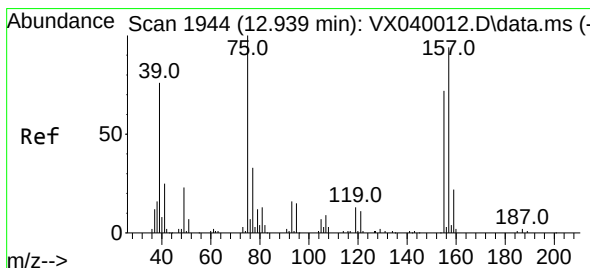
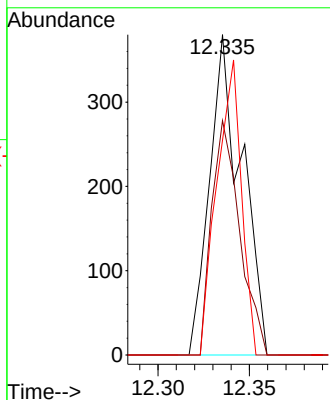
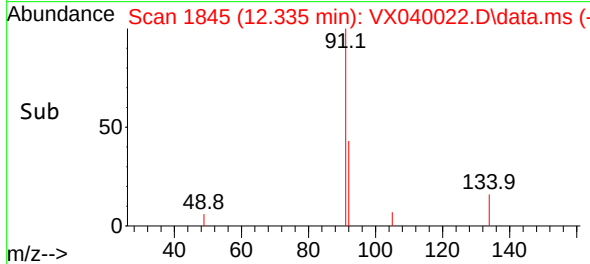
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



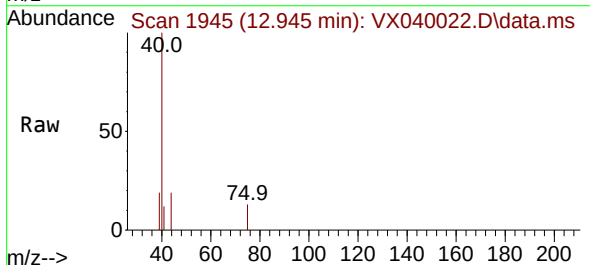
Tgt Ion:146 Resp: 460
Ion Ratio Lower Upper
146 100
111 63.7 22.4 67.0
148 70.2 31.6 95.0

Manual Integrations
APPROVED

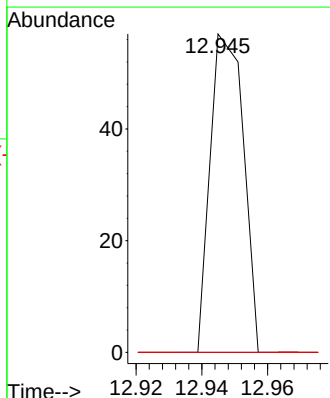
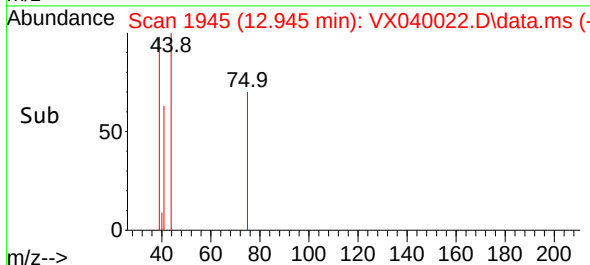
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

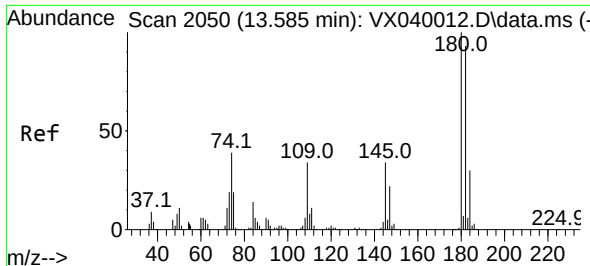


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.096 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26



Tgt Ion: 75 Resp: 40
Ion Ratio Lower Upper
75 100
155 0.0 36.1 108.5#
157 0.0 44.9 134.7#





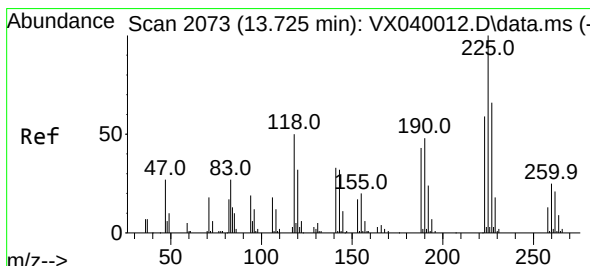
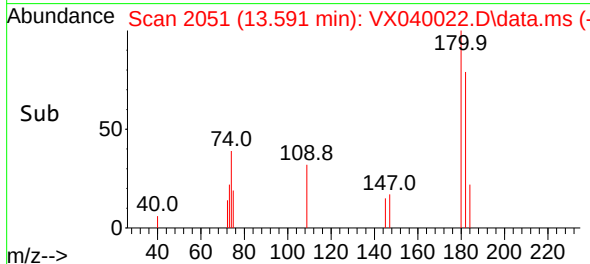
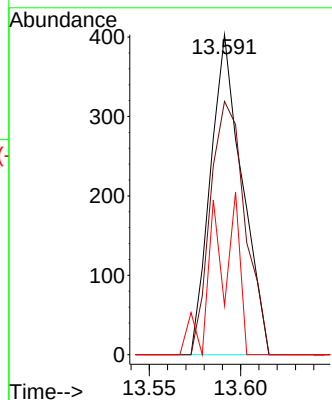
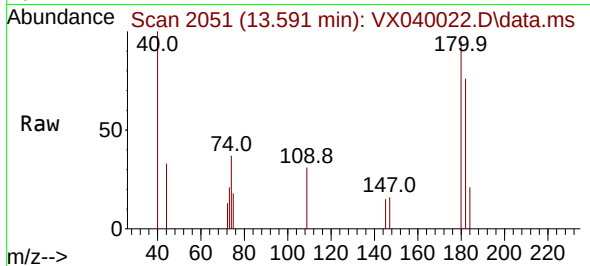
#93
1,2,4-Trichlorobenzene
Concen: 0.356 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

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

Tgt Ion:180 Resp: 480
Ion Ratio Lower Upper
180 100
182 86.8 48.3 144.8
145 38.7 18.0 54.0

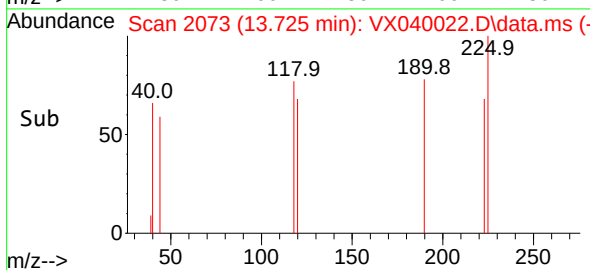
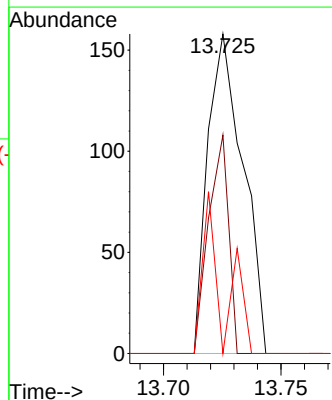
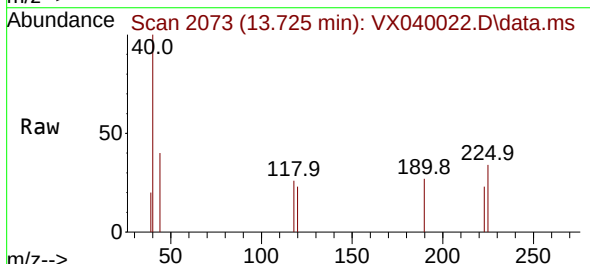
Manual Integrations
APPROVED

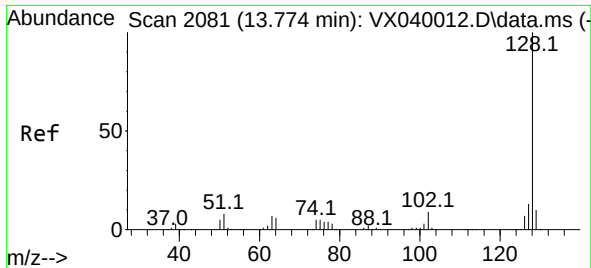
Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024



#94
Hexachlorobutadiene
Concen: 0.306 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

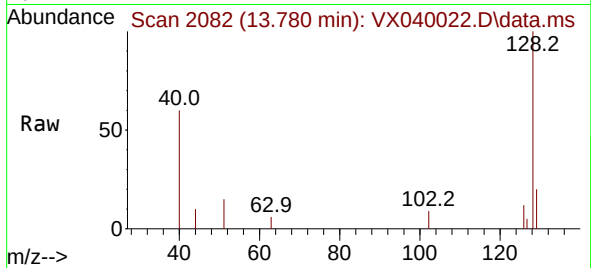
Tgt Ion:225 Resp: 165
Ion Ratio Lower Upper
225 100
223 38.8 31.1 93.2
227 29.1 32.5 97.5#





#95
Naphthalene
Concen: 0.273 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

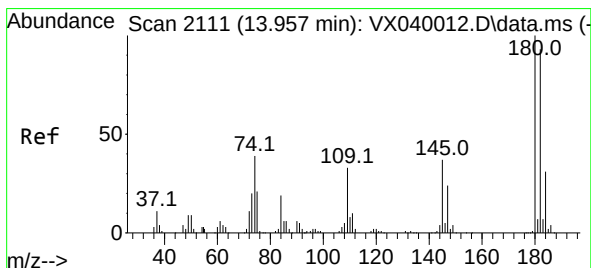
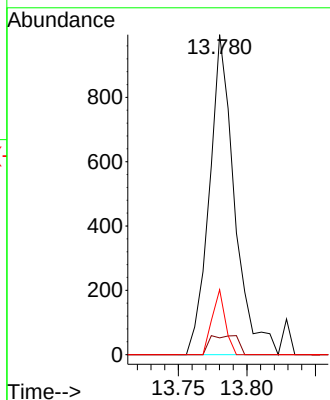
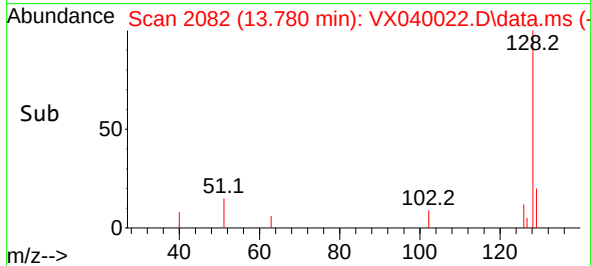
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:128 Resp: 126
Ion Ratio Lower Upper
128 100
127 6.6 10.3 15.5
129 10.6 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 0.318 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.012 min
Lab File: VX040022.D
Acq: 30 Jan 2024 16:26

Tgt Ion:180 Resp: 430
Ion Ratio Lower Upper
180 100
182 93.5 46.9 140.6
145 9.3 17.8 53.5#

