

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
 Data File : VX038320.D
 Acq On : 17 Oct 2023 11:27
 Operator : JC/MD
 Sample : 04699-09 0.2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Quant Time: Oct 18 07:37:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 07:37:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 10/18/2023

Supervised By :Semsetun
 Yesilyurt
 10/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	121972	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	212537	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106136	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	99622	50.780	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.560%	
35) Dibromofluoromethane	5.391	113	76866	50.191	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.380%	
50) Toluene-d8	8.647	98	283658	48.471	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.940%	
62) 4-Bromofluorobenzene	11.079	95	103432	46.621	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.240%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	306	0.260	ug/l #	70
3) Chloromethane	1.301	50	348	0.290	ug/l	96
4) Vinyl Chloride	1.374	62	447	0.336	ug/l	98
5) Bromomethane	1.611	94	457	0.252	ug/l	94
6) Chloroethane	1.697	64	546	0.463	ug/l	95
7) Trichlorofluoromethane	1.892	101	792	0.301	ug/l #	83
8) Diethyl Ether	2.130	74	312	0.318	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.337	101	319	0.278	ug/l #	84
10) Methyl Iodide	2.459	142	463	0.280	ug/l #	76
11) Tert butyl alcohol	2.940	59	1659	3.473	ug/l #	82
12) 1,1-Dichloroethene	2.325	96	322	0.289	ug/l #	46
13) Acrolein	2.233	56	260	0.932	ug/l #	65
14) Allyl chloride	2.666	41	442	0.221	ug/l #	78
15) Acrylonitrile	3.075	53	1064	1.192	ug/l #	88
16) Acetone	2.380	43	1564	1.910	ug/l	99
17) Carbon Disulfide	2.514	76	961	0.299	ug/l #	76
18) Methyl Acetate	2.703	43	899	0.256	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	1013	0.228	ug/l #	90
20) Methylene Chloride	2.788	84	755	0.490	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	330	0.239	ug/l #	91
23) Vinyl Acetate	3.739	43	2817	0.918	ug/l #	73
24) 1,1-Dichloroethane	3.599	63	534	0.210	ug/l #	83
25) 2-Butanone	4.593	43	1727m	1.307	ug/l	
27) cis-1,2-Dichloroethene	4.501	96	398	0.242	ug/l	48
29) Tetrahydrofuran	5.019	42	926	1.077	ug/l #	69
30) Chloroform	5.105	83	652m	0.235	ug/l	
31) Cyclohexane	5.483	56	432	0.203	ug/l #	70
32) 1,1,1-Trichloroethane	5.397	97	515m	0.217	ug/l	
36) 1,1-Dichloropropene	5.714	75	624m	0.295	ug/l	
37) Ethyl Acetate	4.739	43	564	0.225	ug/l #	69
38) Carbon Tetrachloride	5.690	117	496m	0.239	ug/l	
39) Methylcyclohexane	7.385	83	702	0.284	ug/l #	67
41) Methacrylonitrile	4.946	41	254m	0.204	ug/l	
42) 1,2-Dichloroethane	6.098	62	736	0.312	ug/l #	77
44) Trichloroethene	7.141	130	473	0.306	ug/l	78
45) 1,2-Dichloropropane	7.446	63	324	0.212	ug/l #	44

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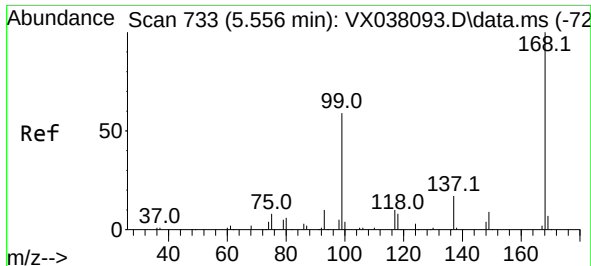
Manual Integrations APPROVED

Reviewed By :John
 Carlone
 10/18/2023

Supervised By :Semsettin
 Yesilyurt
 10/20/2023

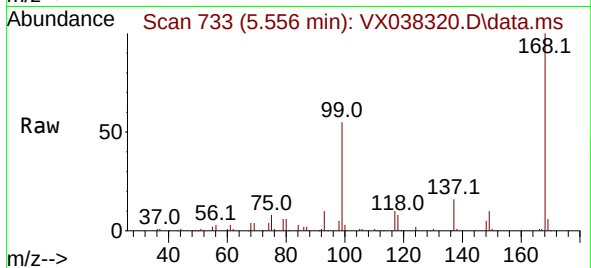
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) Dibromomethane	7.598	93	260	0.219	ug/l	#	82
47) Bromodichloromethane	7.824	83	446	0.211	ug/l	#	85
49) 1,4-Dioxane	7.677	88	117	2.656	ug/l	#	32
51) 4-Methyl-2-Pentanone	8.580	43	2442	0.946	ug/l		95
52) Toluene	8.720	92	1000	0.260	ug/l		96
54) cis-1,3-Dichloropropene	8.372	75	503	0.211	ug/l		92
55) 1,1,2-Trichloroethane	9.165	97	425	0.258	ug/l		92
57) 1,3-Dichloropropane	9.317	76	537	0.202	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.257	63	823	0.664	ug/l	#	88
59) 2-Hexanone	9.439	43	1735	0.836	ug/l		96
64) Tetrachloroethene	9.275	164	360	0.268	ug/l	#	86
65) Chlorobenzene	10.086	112	1163	0.267	ug/l		97
67) Ethyl Benzene	10.195	91	1792	0.231	ug/l		99
68) m/p-Xylenes	10.305	106	1156	0.385	ug/l	#	70
71) Bromoform	10.799	173	243	0.201	ug/l	#	29
73) Isopropylbenzene	10.963	105	1508	0.212	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.219	83	668	0.256	ug/l	#	90
76) 1,2,3-Trichloropropane	11.238	75	767m	0.318	ug/l		
77) Bromobenzene	11.201	156	572	0.329	ug/l		91
78) n-propylbenzene	11.305	91	2023	0.232	ug/l		97
79) 2-Chlorotoluene	11.366	91	1317	0.255	ug/l		88
80) 1,3,5-Trimethylbenzene	11.451	105	1366	0.222	ug/l		100
82) 4-Chlorotoluene	11.457	91	1607	0.263	ug/l		96
83) tert-Butylbenzene	11.713	119	1522	0.254	ug/l		89
84) 1,2,4-Trimethylbenzene	11.756	105	1247	0.204	ug/l		82
85) sec-Butylbenzene	11.890	105	1882	0.242	ug/l		97
86) p-Isopropyltoluene	12.012	119	1543	0.241	ug/l	#	76
87) 1,3-Dichlorobenzene	11.969	146	942	0.270	ug/l		92
88) 1,4-Dichlorobenzene	12.036	146	1185m	0.333	ug/l		
89) n-Butylbenzene	12.335	91	1482	0.232	ug/l		89
91) 1,2-Dichlorobenzene	12.341	146	791	0.236	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	722	0.321	ug/l		91
94) Hexachlorobutadiene	13.725	225	254	0.280	ug/l		87
95) Naphthalene	13.780	128	1786	0.228	ug/l	#	92
96) 1,2,3-Trichlorobenzene	13.963	180	598	0.274	ug/l		90

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

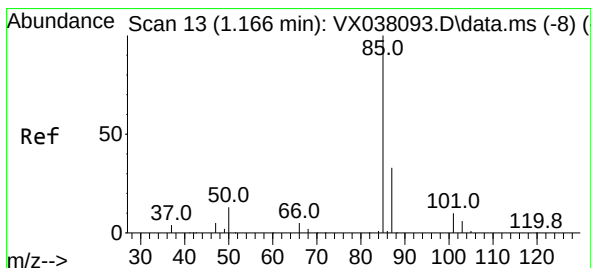
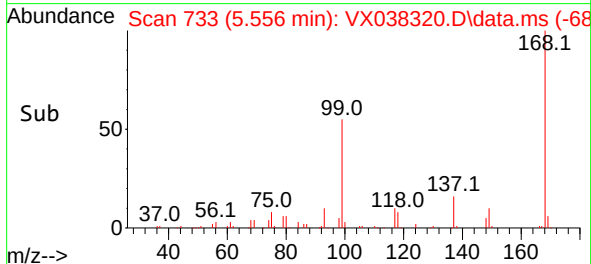
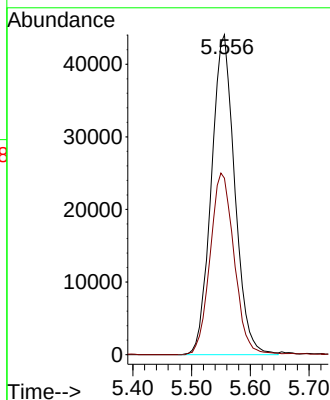


Tgt Ion:168 Resp: 121972
Ion Ratio Lower Upper
168 100
99 55.2 56.6 85.0

Manual Integrations
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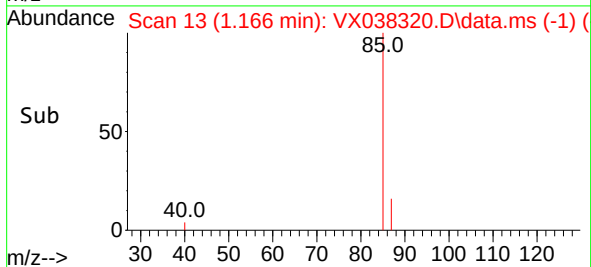
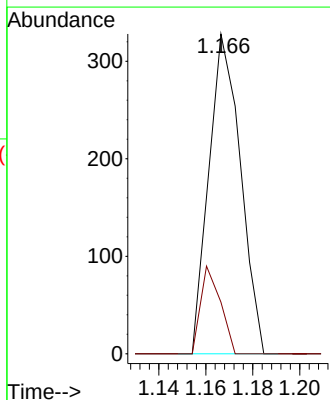
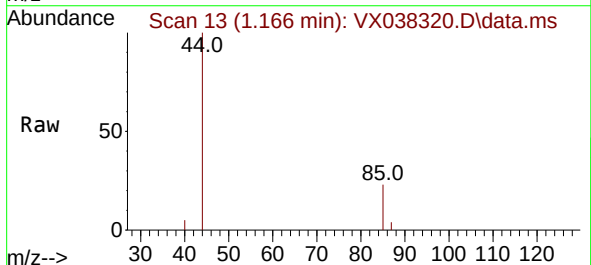
Reviewed By :John
Carlone
10/18/2023

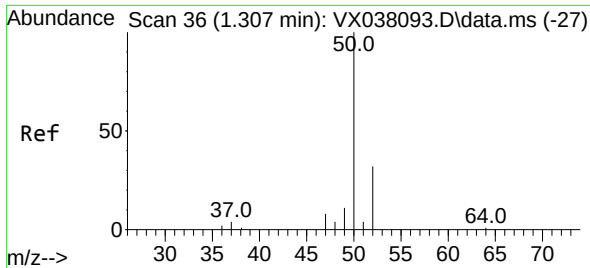
Supervised By :Semsetin
Yesilyurt
10/20/2023



#2
Dichlorodifluoromethane
Concen: 0.260 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Tgt Ion: 85 Resp: 306
Ion Ratio Lower Upper
85 100
87 16.2 16.7 50.1





#3
Chloromethane
Concen: 0.290 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

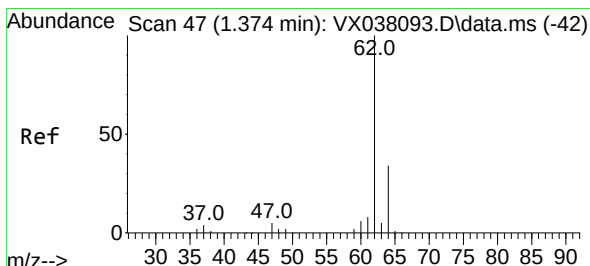
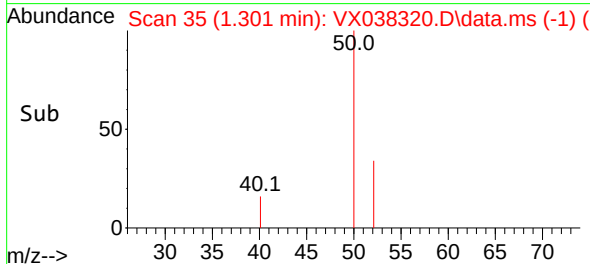
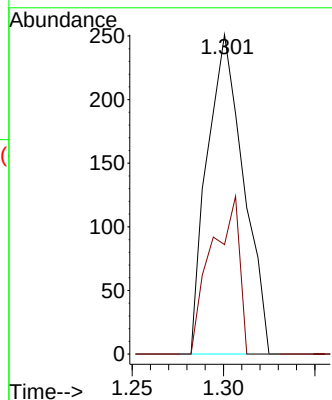
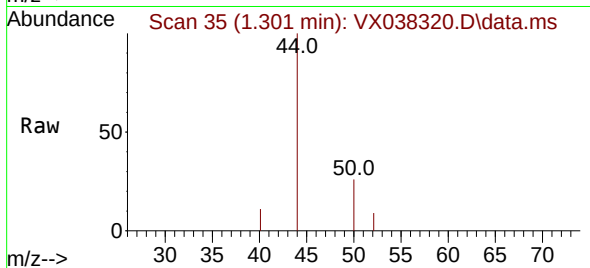
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023

Tgt Ion: 50 Resp: 348
Ion Ratio Lower Upper
50 100
52 34.3 25.5 38.3

Manual Integrations
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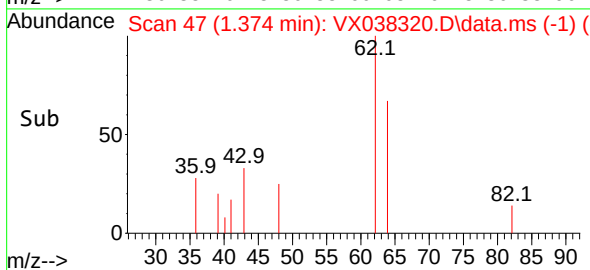
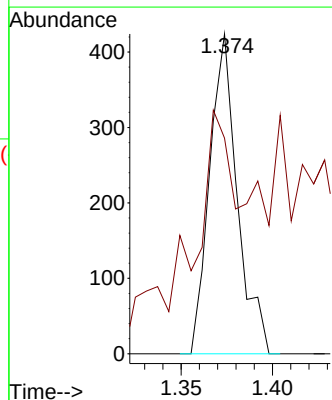
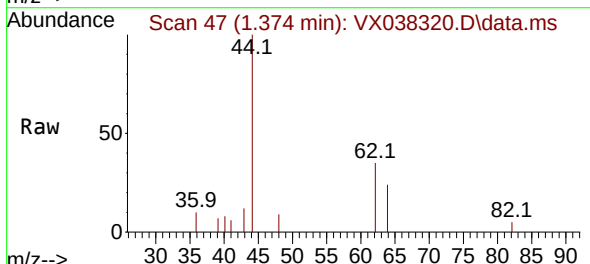
Reviewed By :John
Carlone
10/18/2023

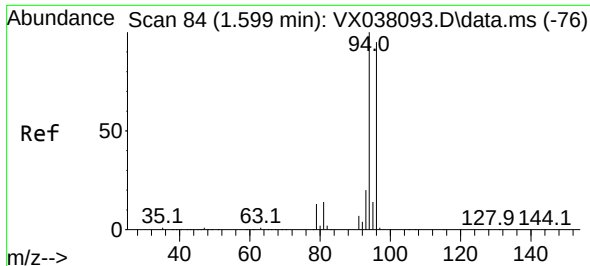
Supervised By :Semsetin
Yesilyurt
10/20/2023



#4
Vinyl Chloride
Concen: 0.336 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

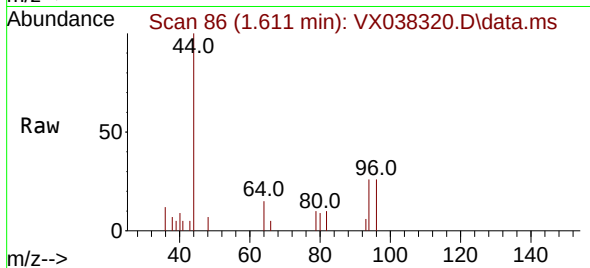
Tgt Ion: 62 Resp: 447
Ion Ratio Lower Upper
62 100
64 30.4 25.4 38.0





#5
Bromomethane
Concen: 0.252 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

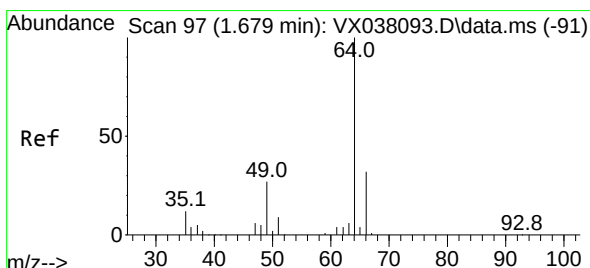
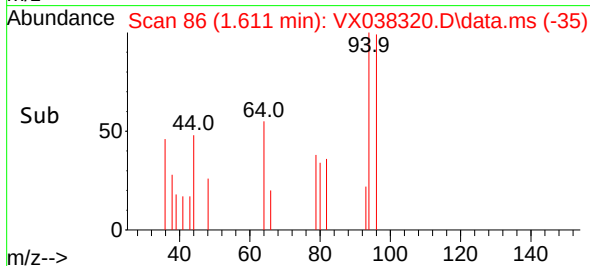
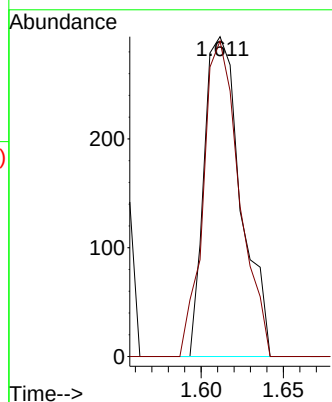


Tgt Ion: 94 Resp: 45
Ion Ratio Lower Upper
94 100
96 98.6 74.6 111.8

Manual Integrations
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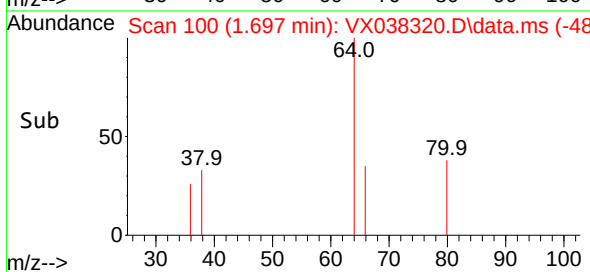
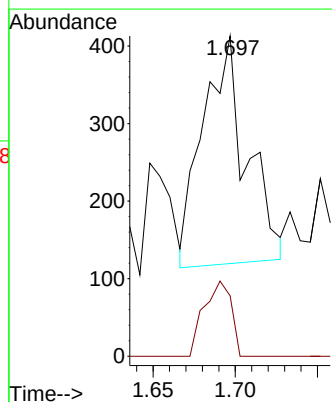
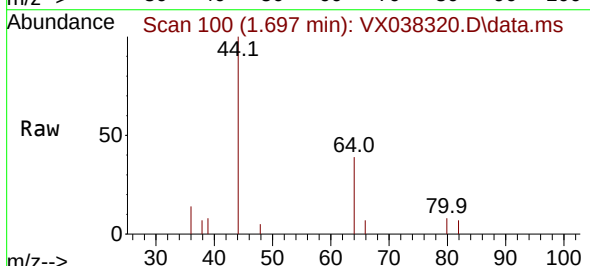
Reviewed By :John
Carlone
10/18/2023

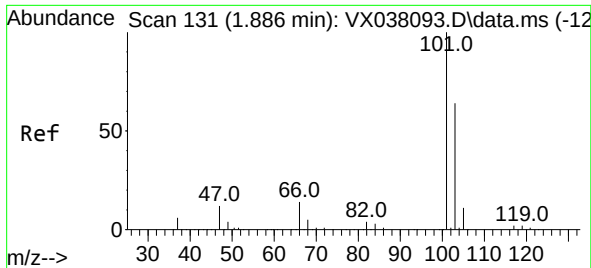
Supervised By :Semsetin
Yesilyurt
10/20/2023



#6
Chloroethane
Concen: 0.463 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

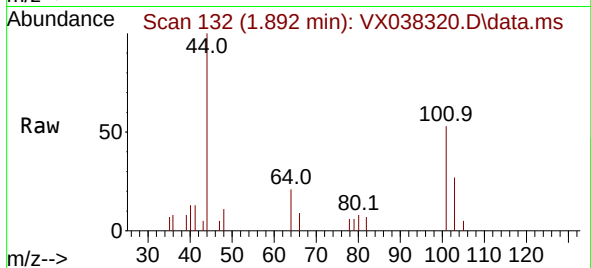
Tgt Ion: 64 Resp: 546
Ion Ratio Lower Upper
64 100
66 28.4 25.1 37.7





#7
Trichlorofluoromethane
Concen: 0.301 ug/l
RT: 1.892 min Scan# 111
Delta R.T. 0.006 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

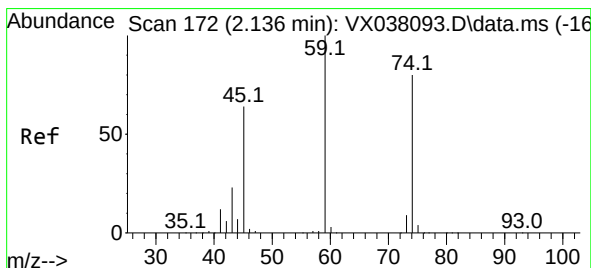
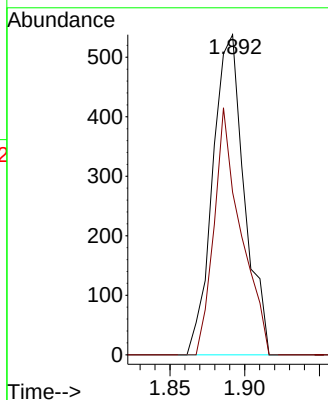
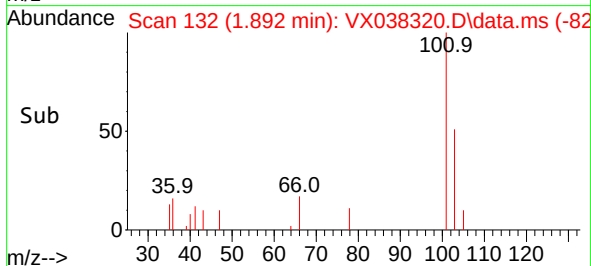


Tgt Ion:101 Resp: 792
Ion Ratio Lower Upper
101 100
103 50.7 51.4 77.23

Manual Integrations
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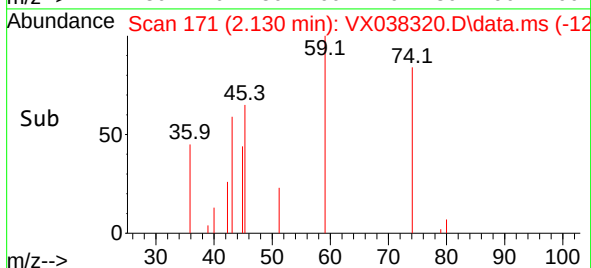
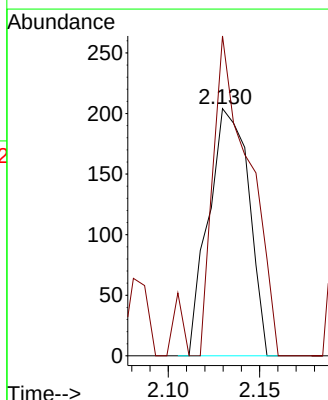
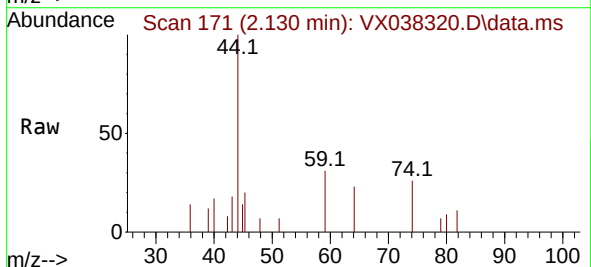
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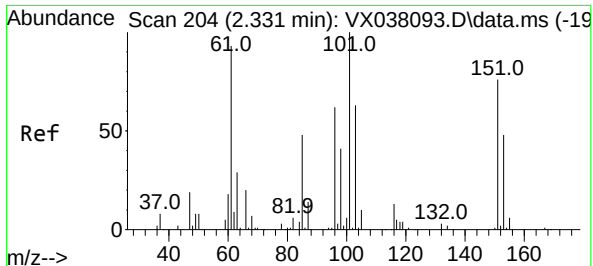
Supervised By :Semsetin
Yesilyurt
10/20/2023



#8
Diethyl Ether
Concen: 0.318 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

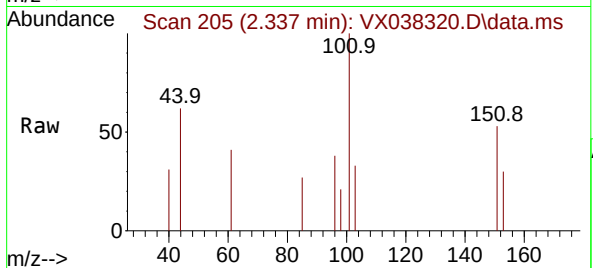
Tgt Ion: 74 Resp: 312
Ion Ratio Lower Upper
74 100
45 122.1 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.278 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.012 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

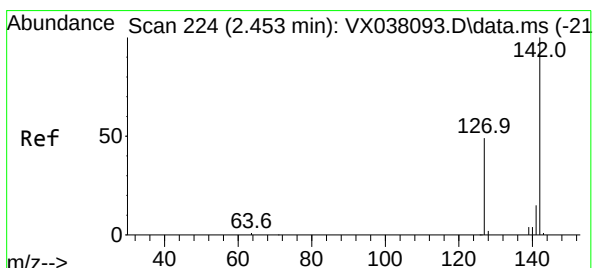
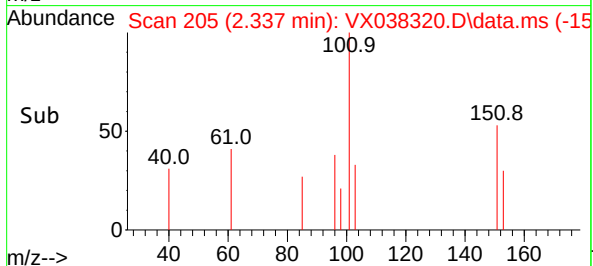
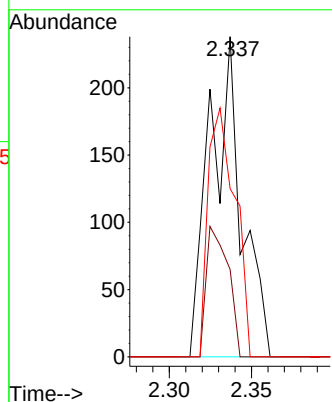


Tgt Ion:101 Resp: 319
Ion Ratio Lower Upper
101 100
85 28.2 37.0 55.6
151 66.1 58.6 87.8

Manual Integrations
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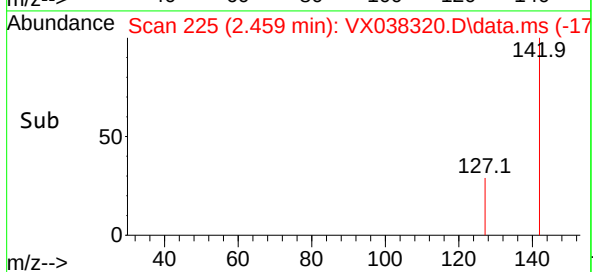
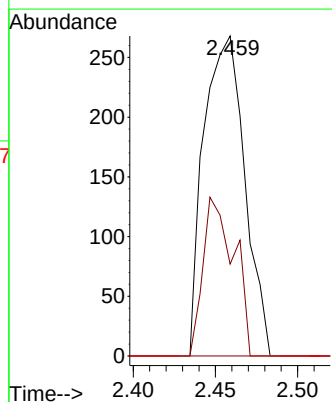
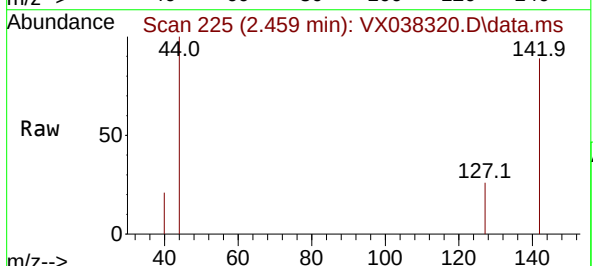
Reviewed By :John
Carlone
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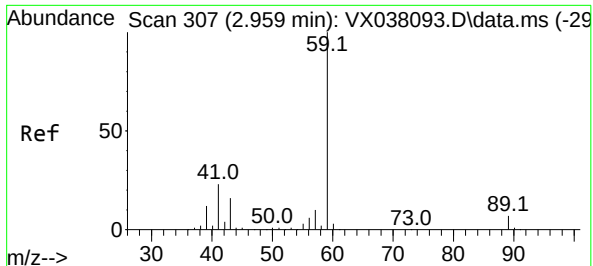
Supervised By :Semsetin
Yesilyurt
10/20/2023



#10
Methyl Iodide
Concen: 0.280 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Tgt Ion:142 Resp: 463
Ion Ratio Lower Upper
142 100
127 37.6 41.6 62.4#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 3.473 ug/l

RT: 2.940 min Scan# 307

Delta R.T. -0.019 min

Lab File: VX038320.D

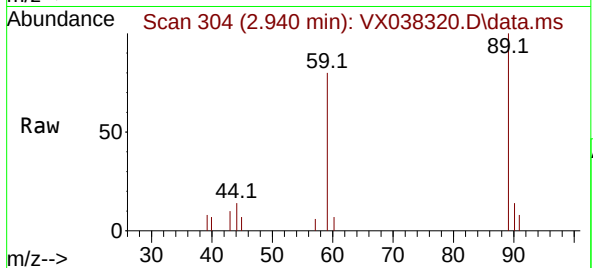
Acq: 17 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023



Tgt Ion: 59 Resp: 1659

Ion Ratio Lower Upper

59 100

57 1.1 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John

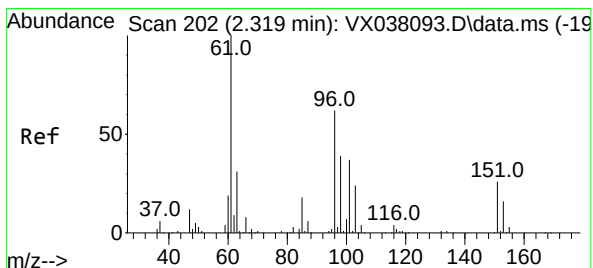
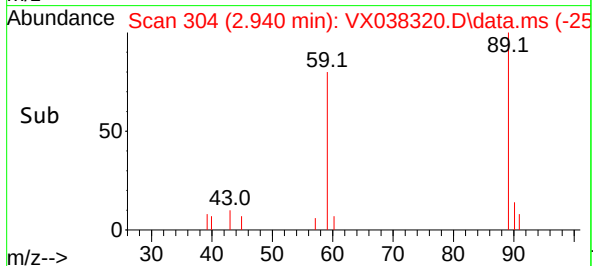
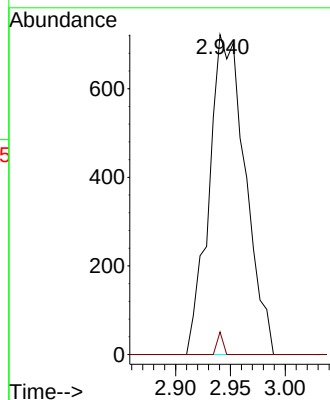
Carlone

10/18/2023

Supervised By :Semsetin

Yesilyurt

10/20/2023



#12

1,1-Dichloroethene

Concen: 0.289 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX038320.D

Acq: 17 Oct 2023 11:27

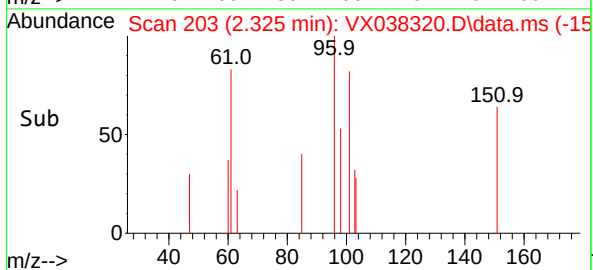
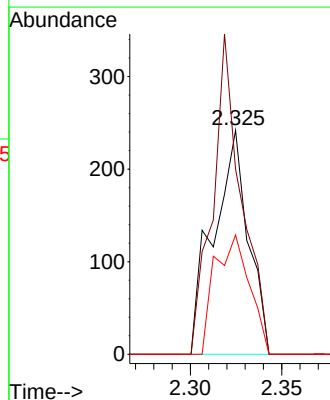
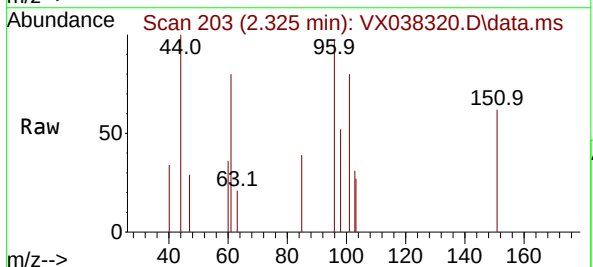
Tgt Ion: 96 Resp: 322

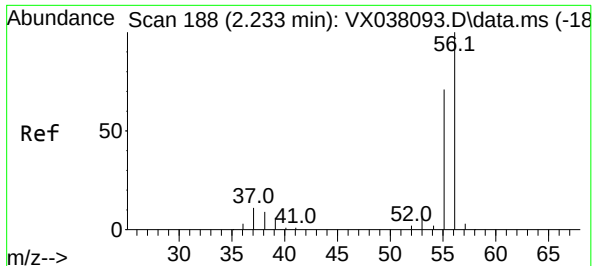
Ion Ratio Lower Upper

96 100

61 82.6 144.6 216.8

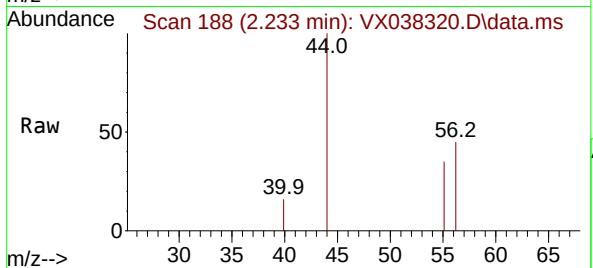
98 53.3 50.4 75.6





#13
Acrolein
Concen: 0.932 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023

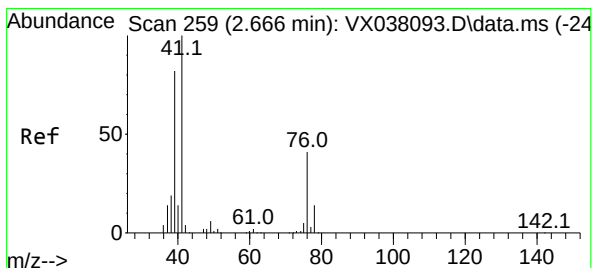
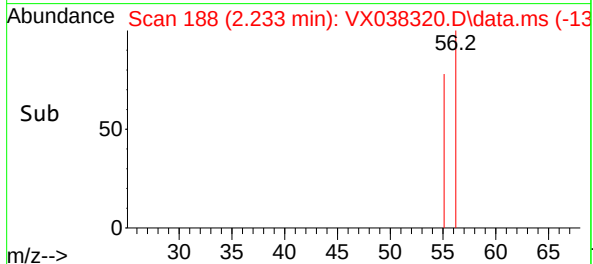
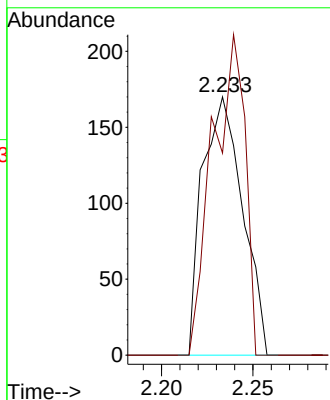


Tgt Ion: 56 Resp: 260
Ion Ratio Lower Upper
56 100
55 100.4 57.1 85.7

Manual Integrations
APPROVED

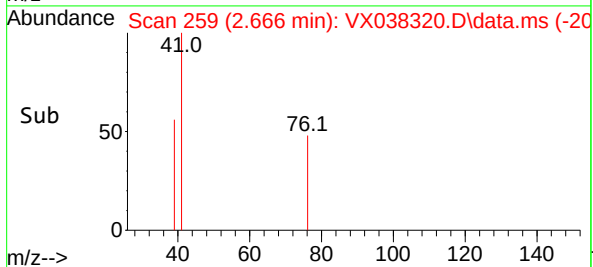
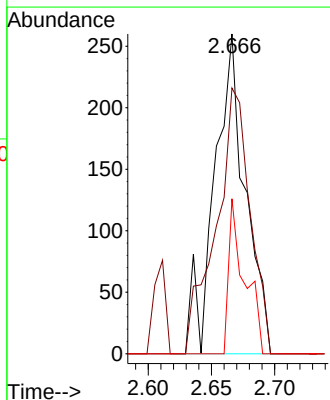
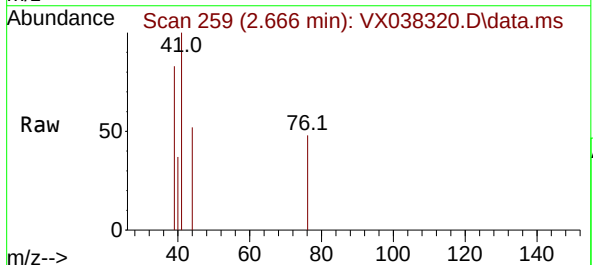
Reviewed By :John
Carlone
10/18/2023

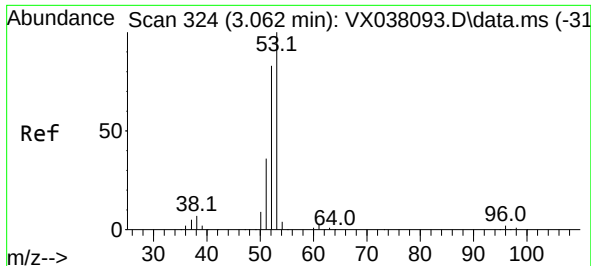
Supervised By :Semsettin
Yesilyurt
10/20/2023



#14
Allyl chloride
Concen: 0.221 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Tgt Ion: 41 Resp: 442
Ion Ratio Lower Upper
41 100
39 91.6 55.8 83.6
76 24.9 24.3 36.5





#15

Acrylonitrile

Concen: 1.192 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.013 min

Lab File: VX038320.D

Acq: 17 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 53	Resp: 1064
Ion Ratio	Lower Upper
53 100	
52 85.0	66.0 99.0
51 17.6	29.8 44.6

Manual Integrations
APPROVED

Reviewed By :John

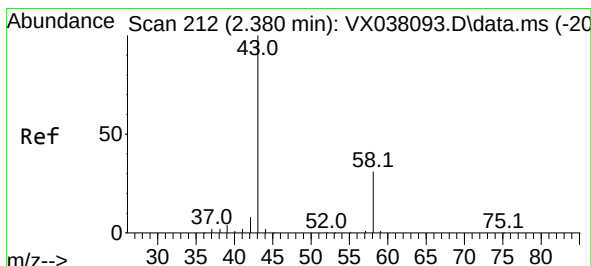
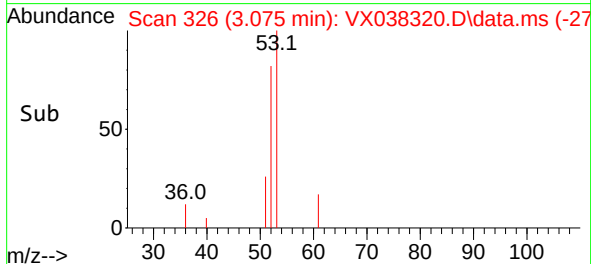
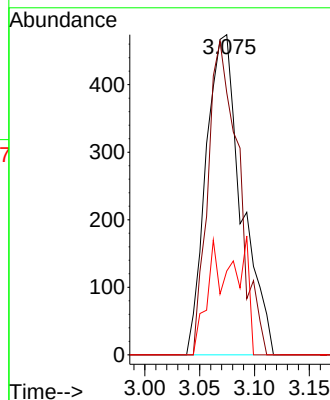
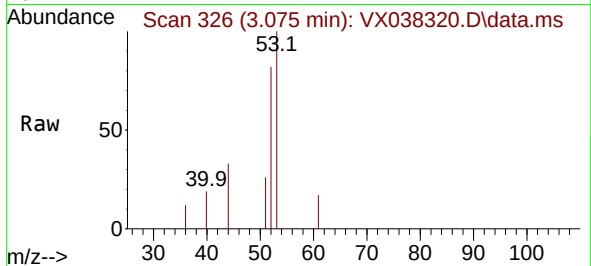
Carlone

10/18/2023

Supervised By :Semsetin

Yesilyurt

10/20/2023



#16

Acetone

Concen: 1.910 ug/l

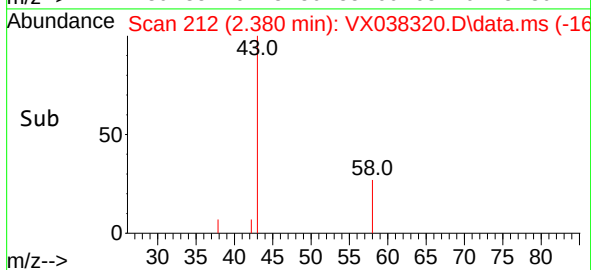
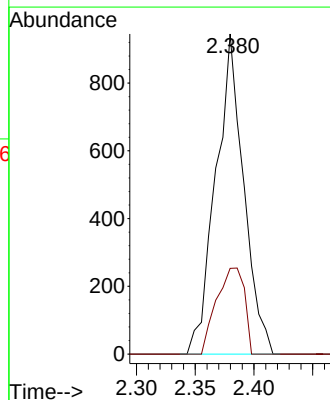
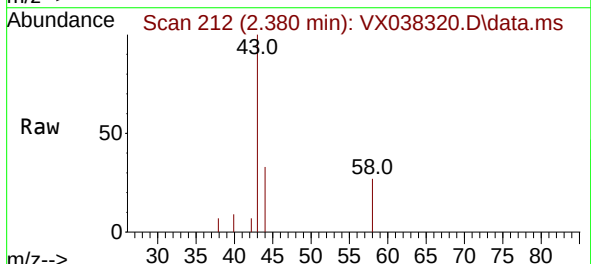
RT: 2.380 min Scan# 212

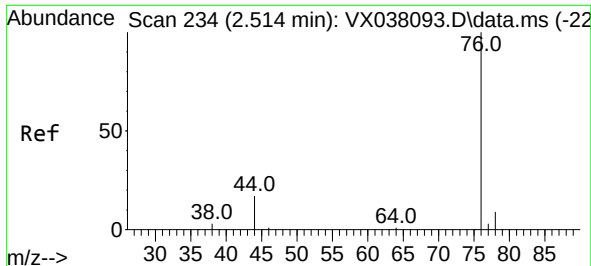
Delta R.T. -0.000 min

Lab File: VX038320.D

Acq: 17 Oct 2023 11:27

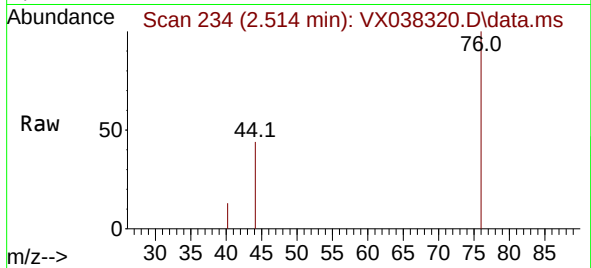
Tgt Ion: 43	Resp: 1564
Ion Ratio	Lower Upper
43 100	
58 26.8	21.9 32.9





#17
Carbon Disulfide
Concen: 0.299 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

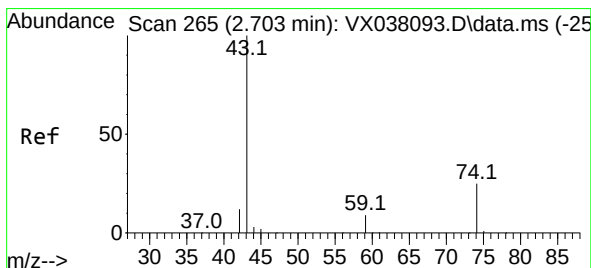
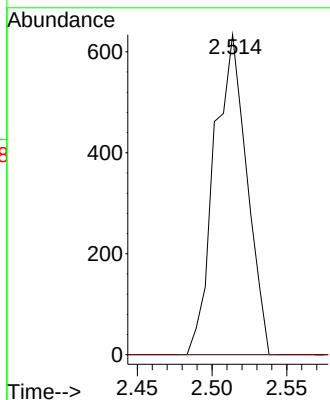


Tgt Ion: 76 Resp: 96
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6

Manual Integrations
APPROVED

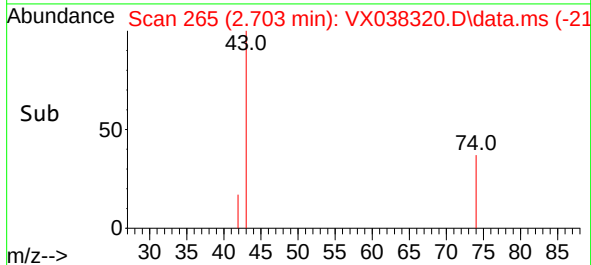
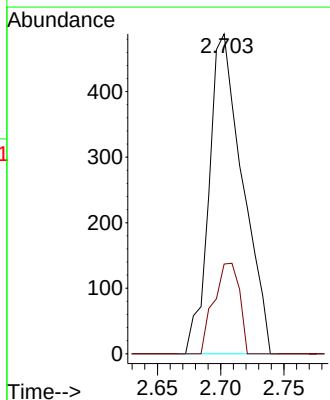
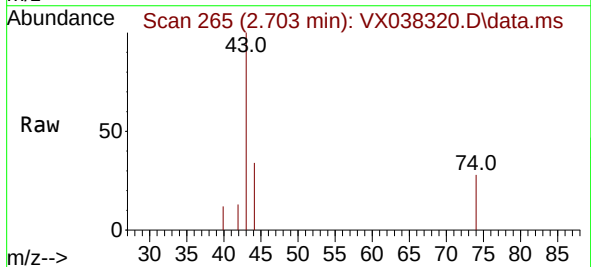
Reviewed By :John
Carlone
10/18/2023

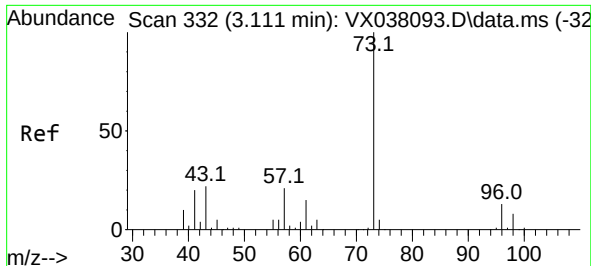
Supervised By :Semsetin
Yesilyurt
10/20/2023



#18
Methyl Acetate
Concen: 0.256 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 0.228 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

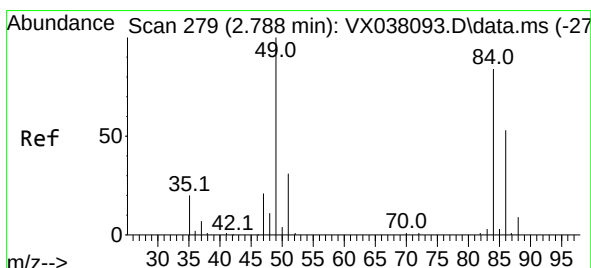
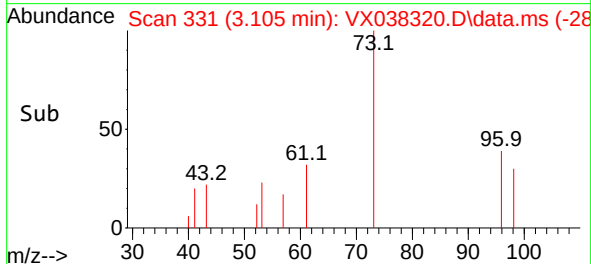
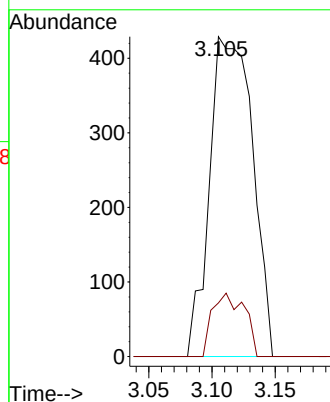
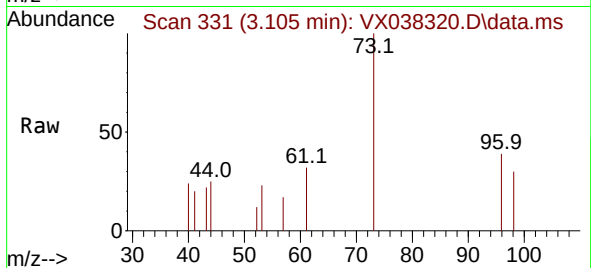
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 73 Resp: 101
Ion Ratio Lower Upper
73 100
57 16.8 17.3 25.9

Manual Integrations
APPROVED

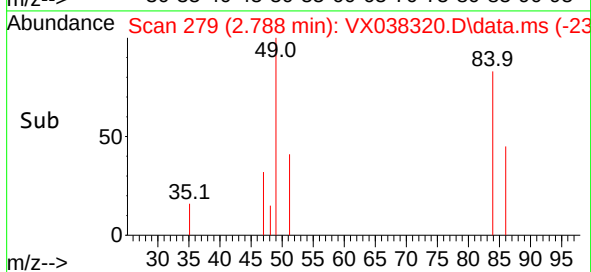
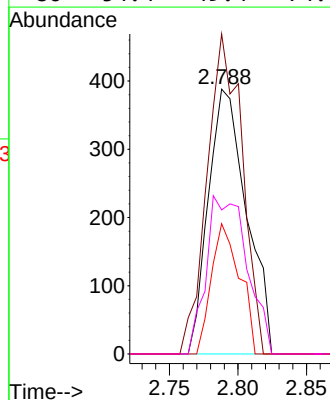
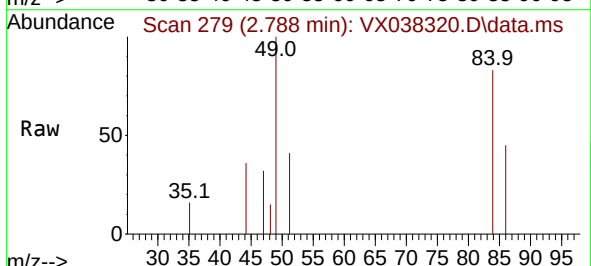
Reviewed By :John
Carlone
10/18/2023

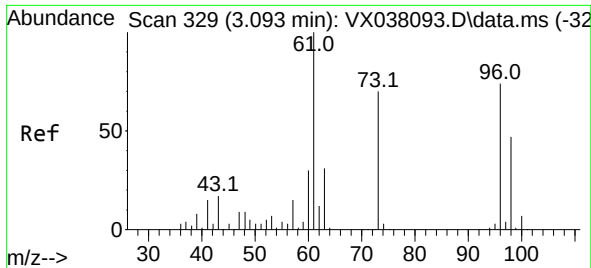
Supervised By :Semsetin
Yesilyurt
10/20/2023



#20
Methylene Chloride
Concen: 0.490 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

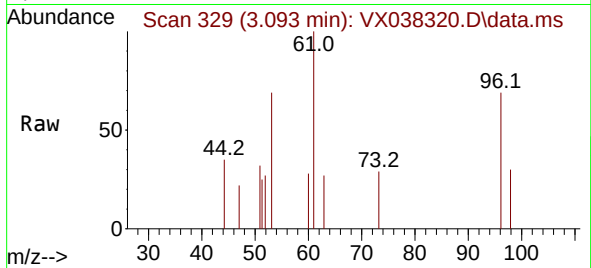
Tgt Ion: 84 Resp: 755
Ion Ratio Lower Upper
84 100
49 120.9 103.6 155.4
51 49.2 33.8 50.6
86 54.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 0.239 ug/l
RT: 3.093 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

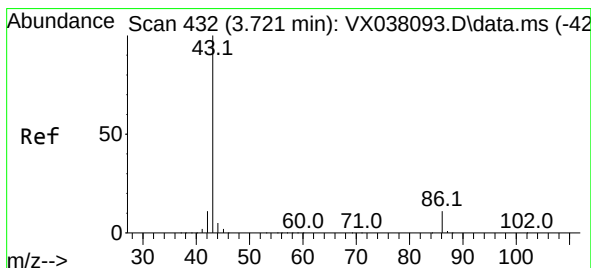
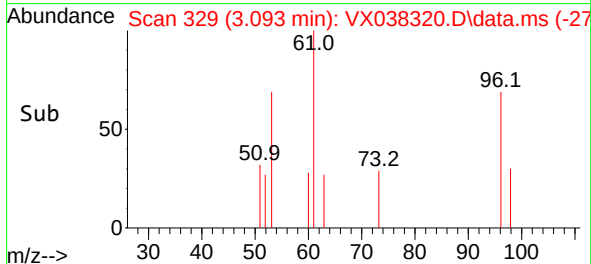
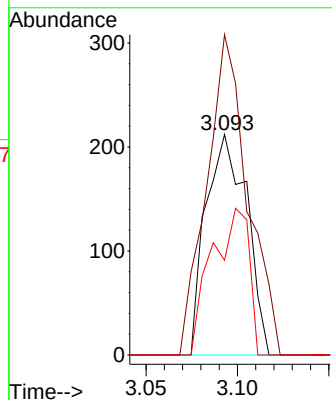


Tgt Ion: 96 Resp: 330
Ion Ratio Lower Upper
96 100
61 145.3 119.2 178.8
98 42.9 48.7 73.1

Manual Integrations
APPROVED

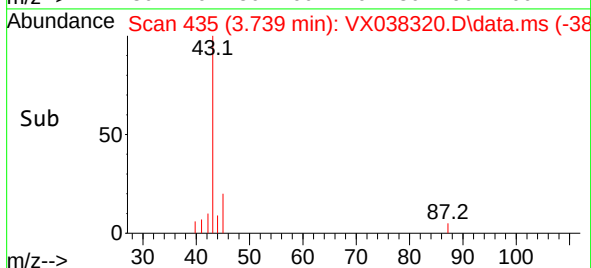
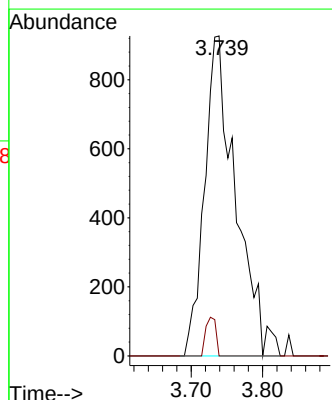
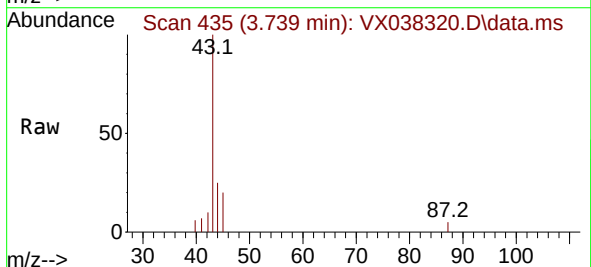
Reviewed By :John
Carlone
10/18/2023

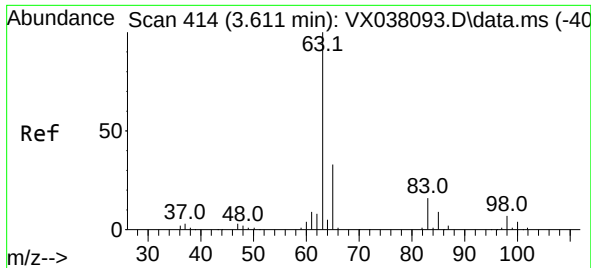
Supervised By :Semsetin
Yesilyurt
10/20/2023



#23
Vinyl Acetate
Concen: 0.918 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.018 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Tgt Ion: 43 Resp: 2817
Ion Ratio Lower Upper
43 100
86 0.0 7.8 11.8





#24
1,1-Dichloroethane
Concen: 0.210 ug/l
RT: 3.599 min Scan# 414
Delta R.T. -0.012 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

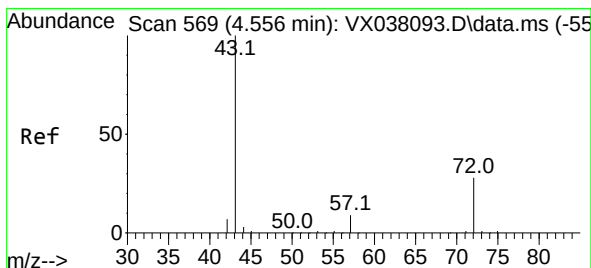
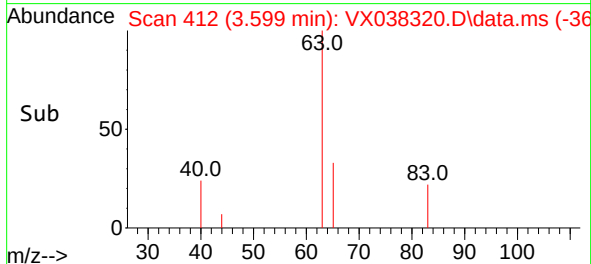
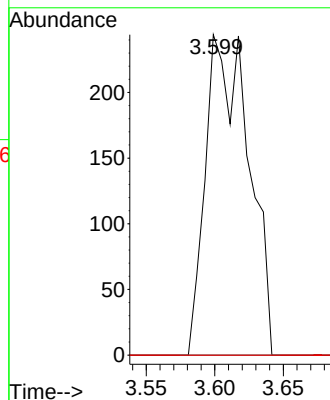
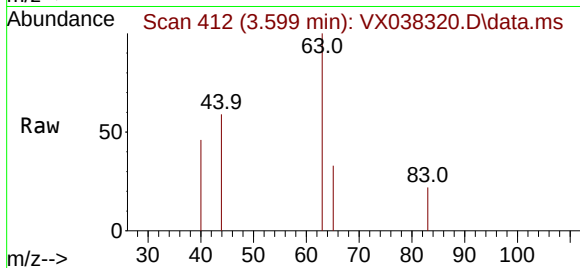
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 63 Resp: 534
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8
100 0.0 2.1 6.5

Manual Integrations
APPROVED

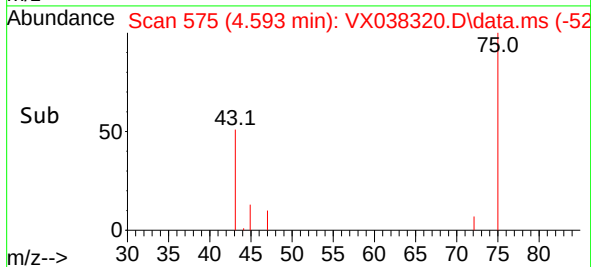
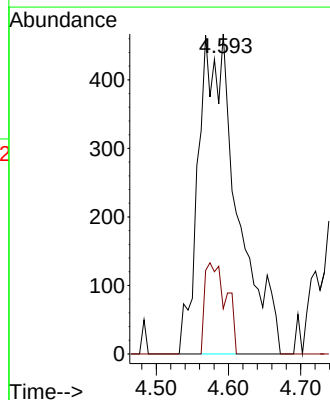
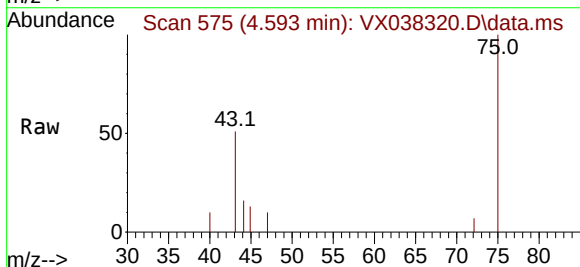
Reviewed By :John
Carlone
10/18/2023

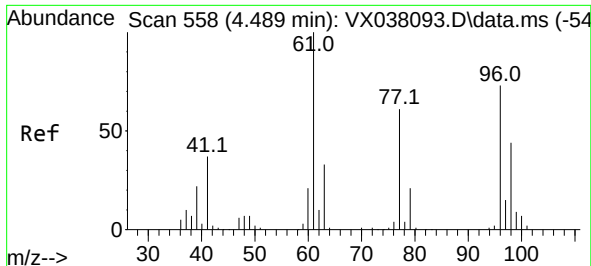
Supervised By :Semsetin
Yesilyurt
10/20/2023



#25
2-Butanone
Concen: 1.307 ug/l m
RT: 4.593 min Scan# 575
Delta R.T. 0.037 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Tgt Ion: 43 Resp: 1727
Ion Ratio Lower Upper
43 100
72 14.1 19.4 29.2#





#27

cis-1,2-Dichloroethene

Concen: 0.242 ug/l

RT: 4.501 min Scan# 50

Delta R.T. 0.012 min

Lab File: VX038320.D

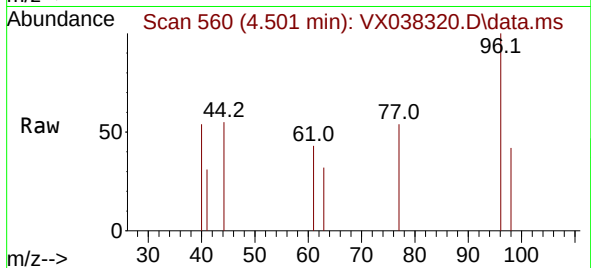
Acq: 17 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023



Tgt Ion: 96 Resp: 398

Ion	Ratio	Lower	Upper
96	100		
61	82.7	0.0	312.2
98	32.9	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John

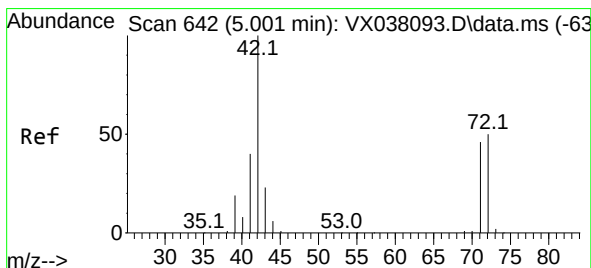
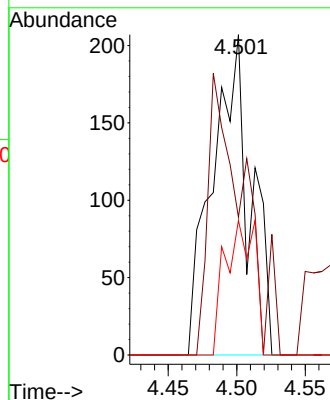
Carlone

10/18/2023

Supervised By :Semsetin

Yesilyurt

10/20/2023



#29

Tetrahydrofuran

Concen: 1.077 ug/l

RT: 5.019 min Scan# 645

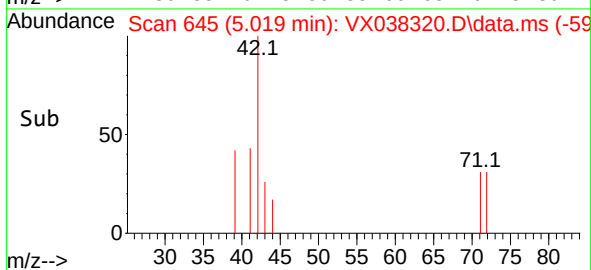
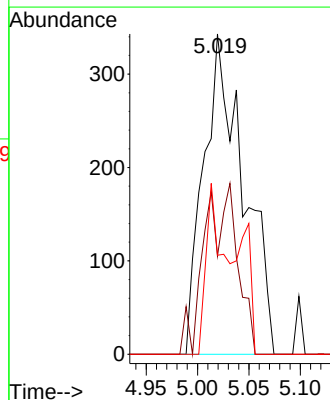
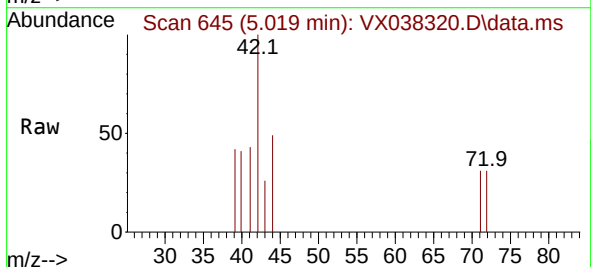
Delta R.T. 0.018 min

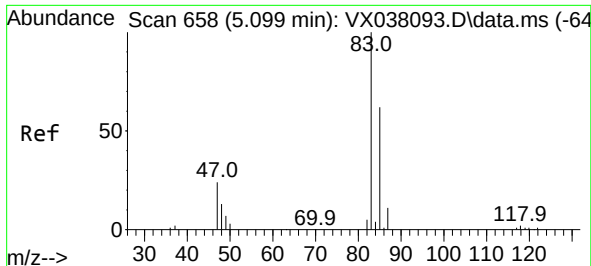
Lab File: VX038320.D

Acq: 17 Oct 2023 11:27

Tgt Ion: 42 Resp: 926

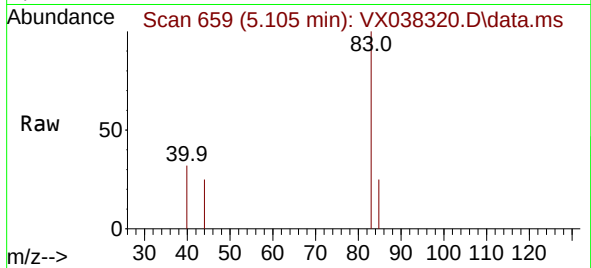
Ion	Ratio	Lower	Upper
42	100		
72	21.5	34.2	51.4#
71	23.0	32.2	48.2#





#30
Chloroform
Concen: 0.235 ug/l m
RT: 5.105 min Scan# 658
Delta R.T. 0.012 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

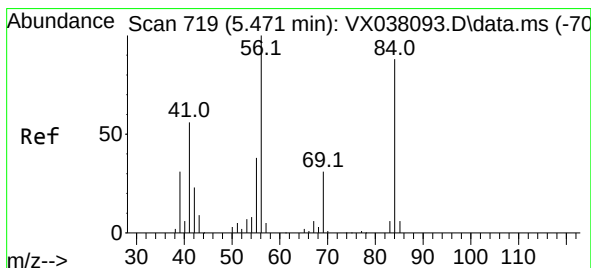
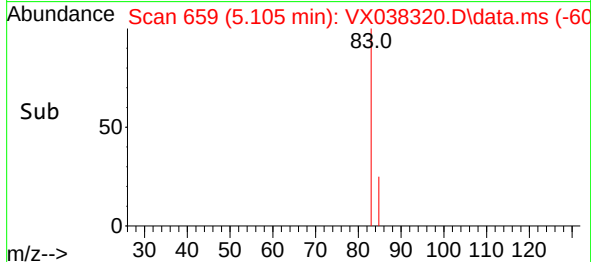
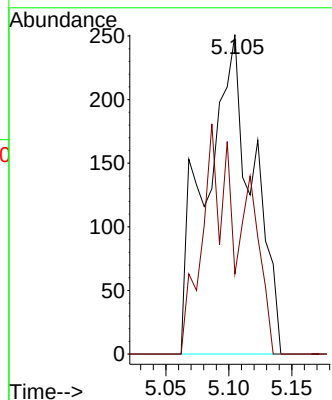


Tgt Ion: 83 Resp: 652
Ion Ratio Lower Upper
83 100
85 25.1 50.3 75.5

Manual Integrations
APPROVED

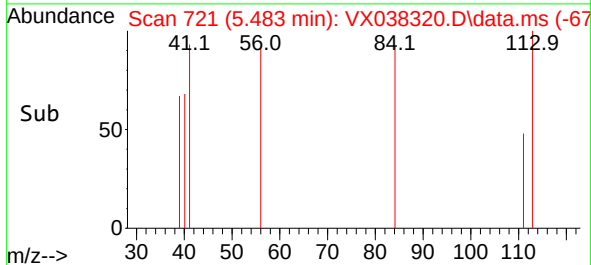
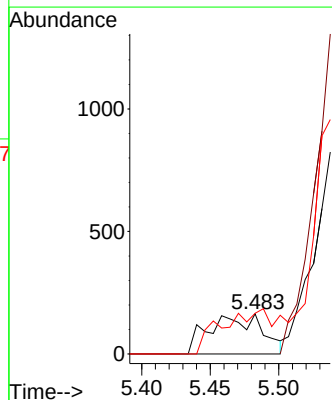
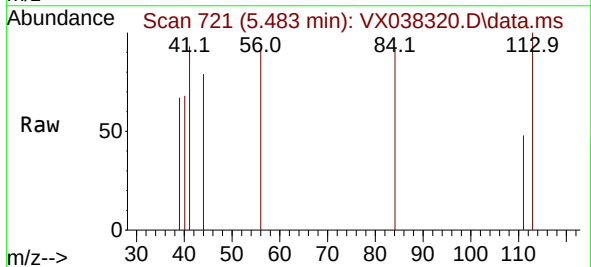
Reviewed By :John
Carlone
10/18/2023

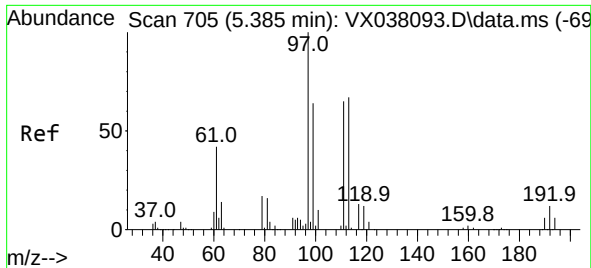
Supervised By :Semsetin
Yesilyurt
10/20/2023



#31
Cyclohexane
Concen: 0.203 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.012 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

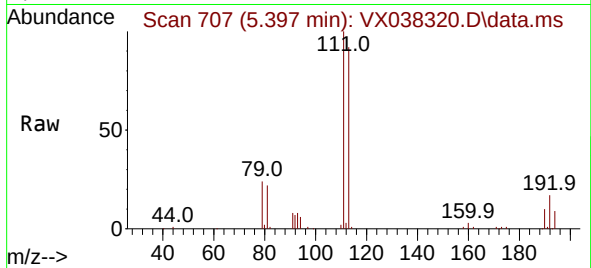
Tgt Ion: 56 Resp: 432
Ion Ratio Lower Upper
56 100
69 0.0 23.4 35.2#
84 101.2 65.9 98.9#





#32
1,1,1-Trichloroethane
Concen: 0.217 ug/l m
RT: 5.397 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

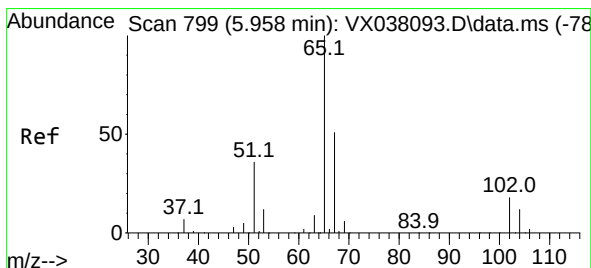
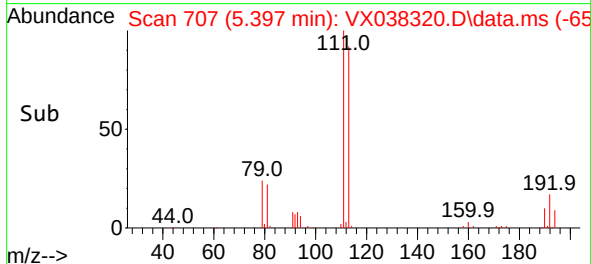
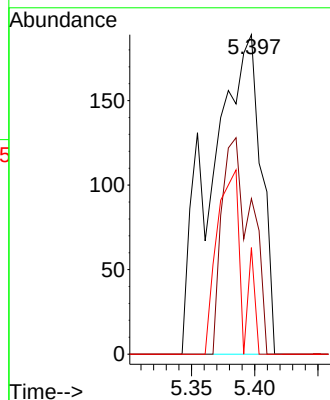


Tgt Ion: 97 Resp: 519
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7
61 29.5 36.4 54.6

Manual Integrations
APPROVED

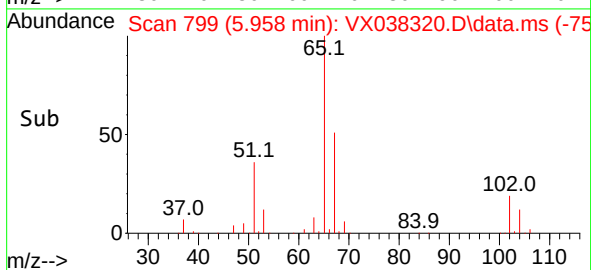
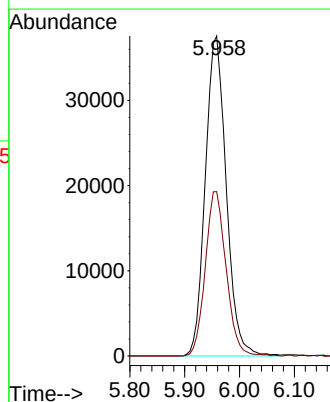
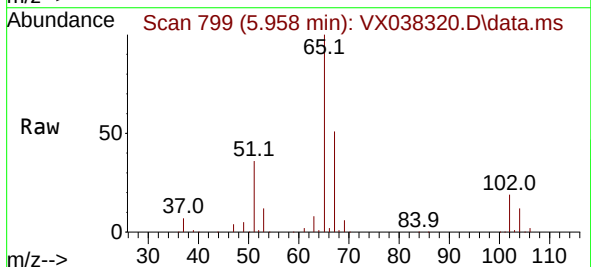
Reviewed By :John
Carlone
10/18/2023

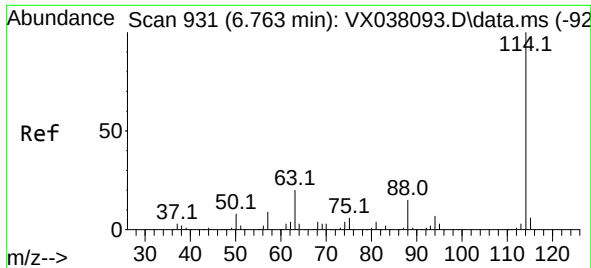
Supervised By :Semsetin
Yesilyurt
10/20/2023



#33
1,2-Dichloroethane-d4
Concen: 50.780 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Tgt Ion: 65 Resp: 99622
Ion Ratio Lower Upper
65 100
67 51.2 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: VX038320.D
Acq: 17 Oct 2023 11:27

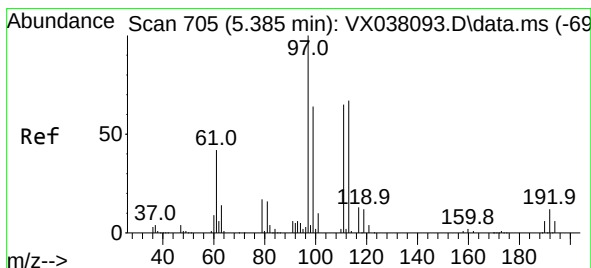
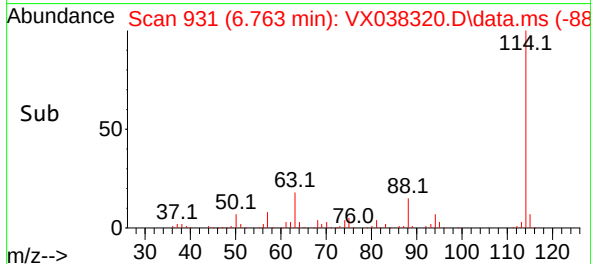
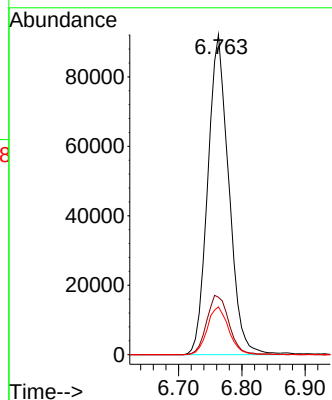
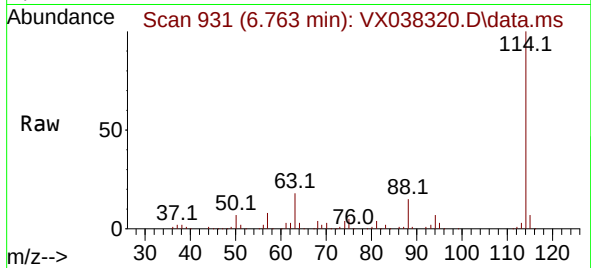
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:114 Resp: 21253
Ion Ratio Lower Upper
114 100
63 17.9 0.0 45.0
88 15.0 0.0 36.6

Manual Integrations
APPROVED

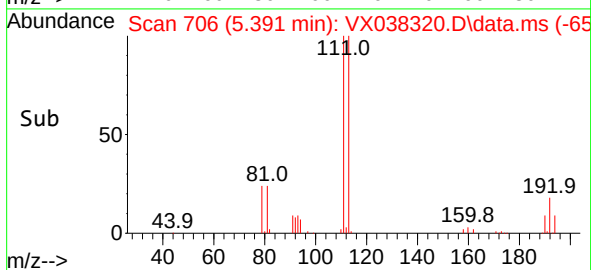
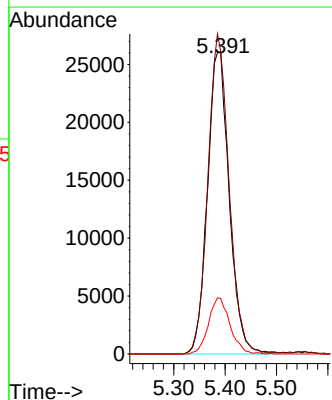
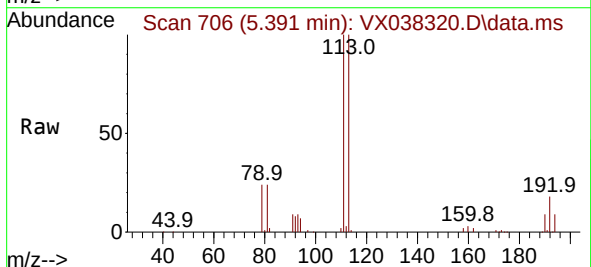
Reviewed By :John
Carlone
10/18/2023

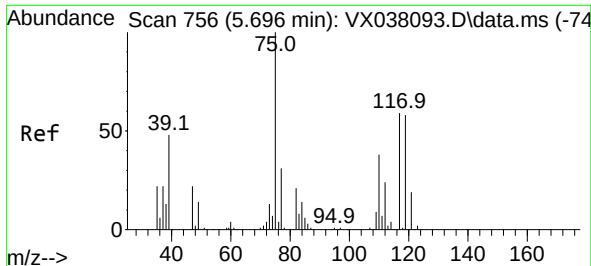
Supervised By :Semsetin
Yesilyurt
10/20/2023



#35
Dibromofluoromethane
Concen: 50.191 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Tgt Ion:113 Resp: 76866
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.3 13.3 19.9





#36

1,1-Dichloropropene

Concen: 0.295 ug/l m

RT: 5.714 min Scan# 756

Delta R.T. 0.024 min

Lab File: VX038320.D

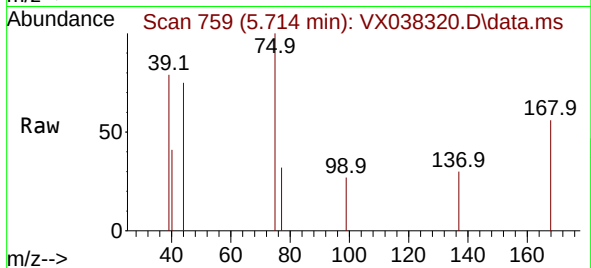
Acq: 17 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023



Tgt Ion: 75	Resp: 624
Ion Ratio	Lower Upper
75	100
110	0.0 17.0 50.9
77	3.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John

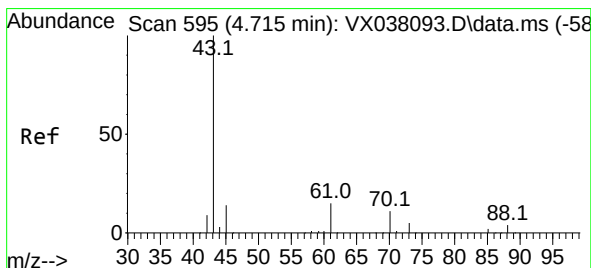
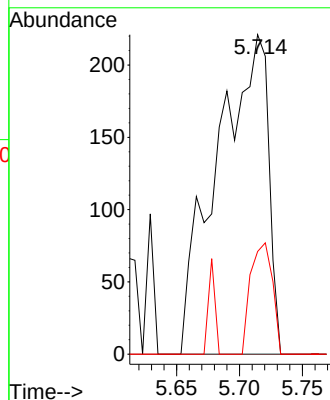
Carlone

10/18/2023

Supervised By :Semsetin

Yesilyurt

10/20/2023



#37

Ethyl Acetate

Concen: 0.225 ug/l

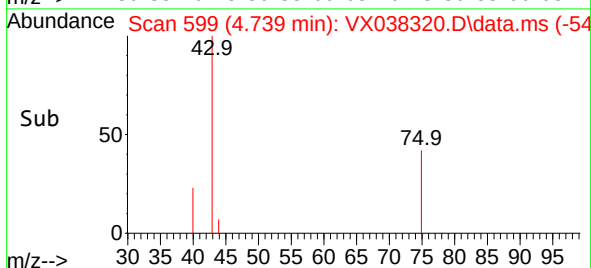
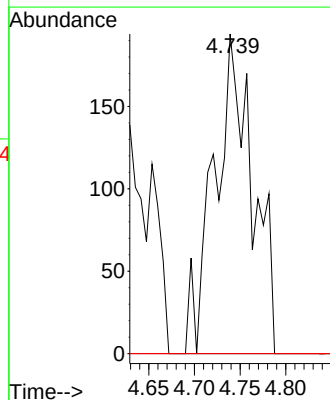
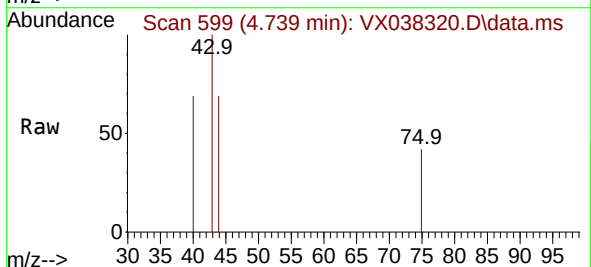
RT: 4.739 min Scan# 599

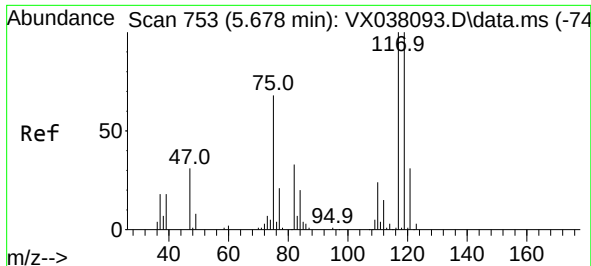
Delta R.T. 0.024 min

Lab File: VX038320.D

Acq: 17 Oct 2023 11:27

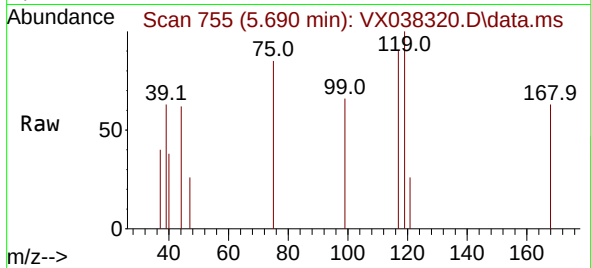
Tgt Ion: 43	Resp: 564
Ion Ratio	Lower Upper
43	100
61	0.0 10.6 16.0#
70	0.0 8.3 12.5#





#38
Carbon Tetrachloride
Concen: 0.239 ug/l m
RT: 5.690 min Scan# 753
Delta R.T. 0.012 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

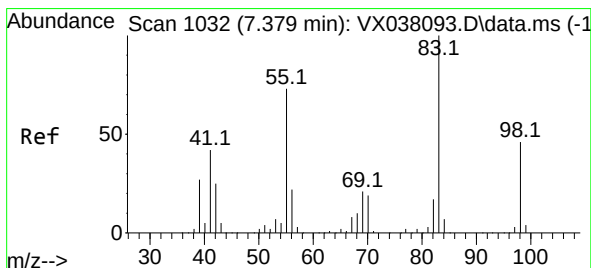
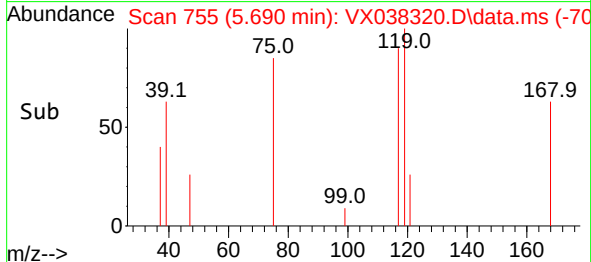
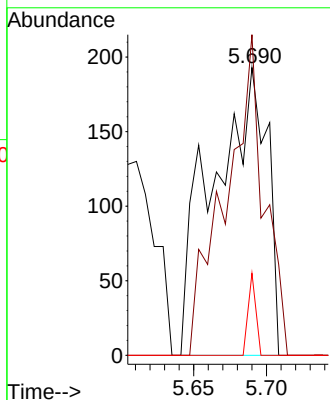


Tgt Ion: 117 Resp: 490
Ion Ratio Lower Upper
117 100
119 111.4 78.2 117.2
121 28.5 24.4 36.6

Manual Integrations
APPROVED

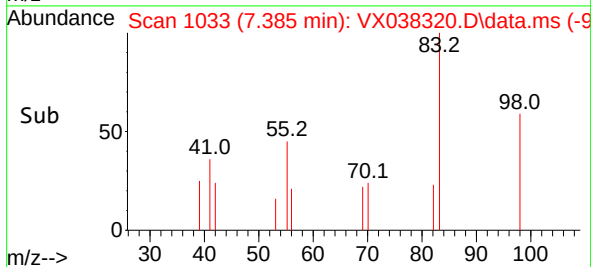
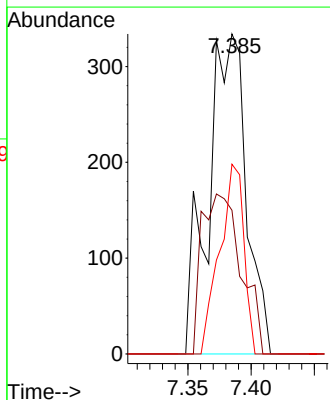
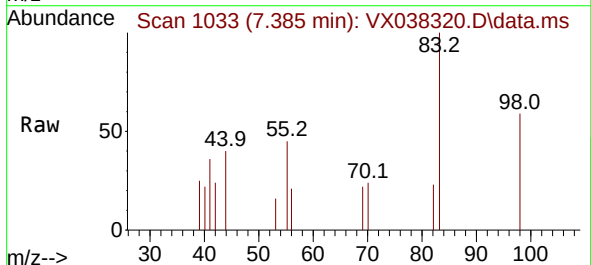
Reviewed By :John
Carlone
10/18/2023

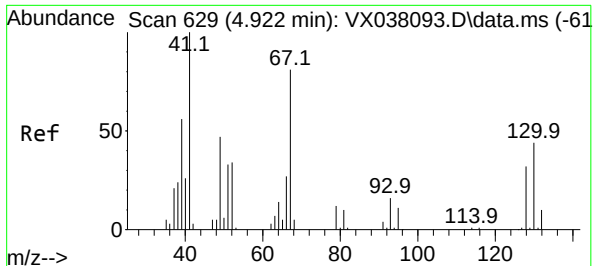
Supervised By :Semsetin
Yesilyurt
10/20/2023



#39
Methylcyclohexane
Concen: 0.284 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

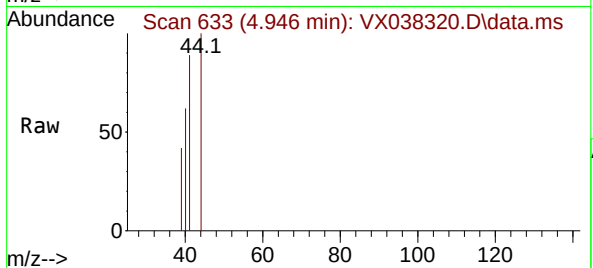
Tgt Ion: 83 Resp: 702
Ion Ratio Lower Upper
83 100
55 44.9 64.6 97.0#
98 59.3 36.7 55.1#





#41
Methacrylonitrile
Concen: 0.204 ug/l m
RT: 4.946 min Scan# 61
Delta R.T. 0.024 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

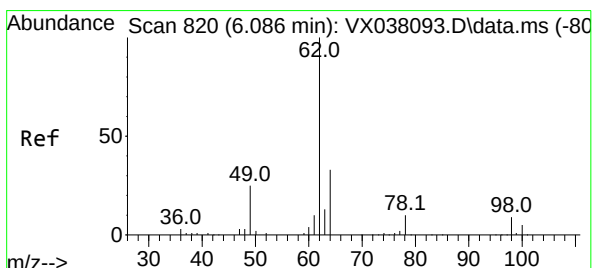
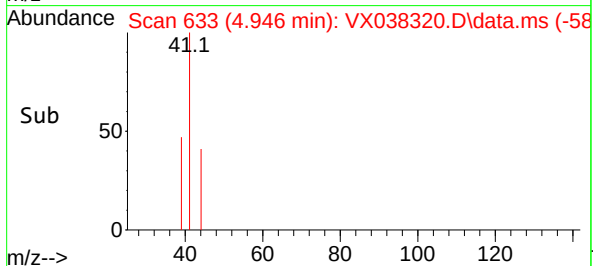
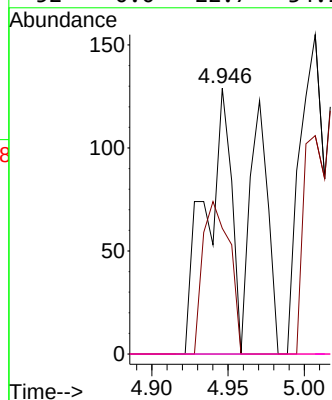


Tgt Ion:	41	Resp:	254
Ion	Ratio	Lower	Upper
41	100		
39	35.4	45.2	67.8
67	0.0	52.6	78.8
52	0.0	22.7	34.1

Manual Integrations
APPROVED

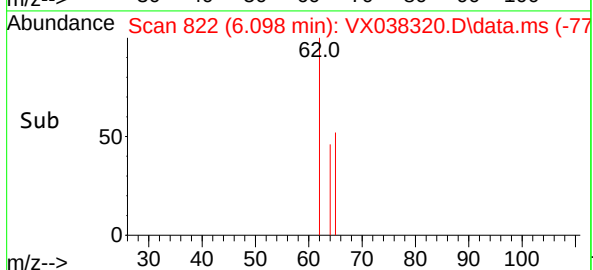
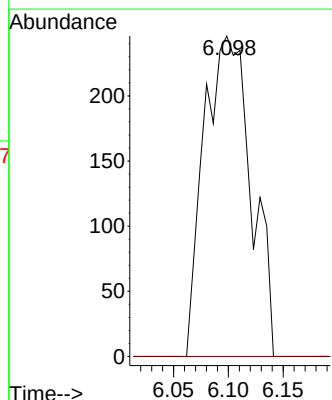
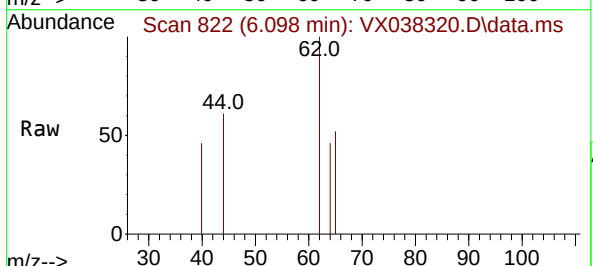
Reviewed By :John
Carlone
10/18/2023

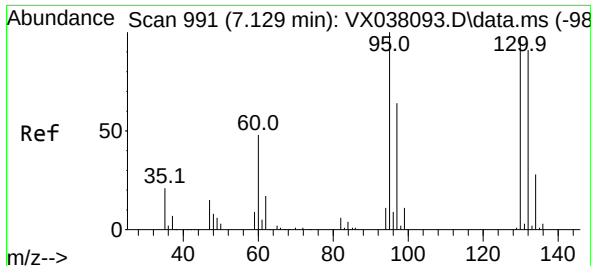
Supervised By :Semsetin
Yesilyurt
10/20/2023



#42
1,2-Dichloroethane
Concen: 0.312 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

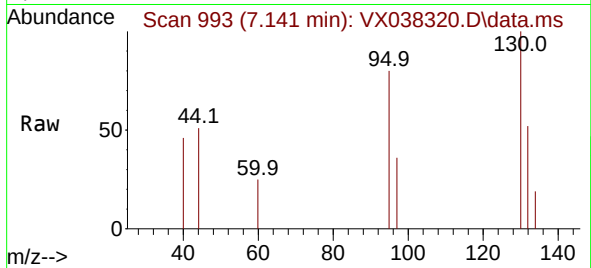
Tgt Ion:	62	Resp:	736
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.0





#44
Trichloroethene
Concen: 0.306 ug/l
RT: 7.141 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

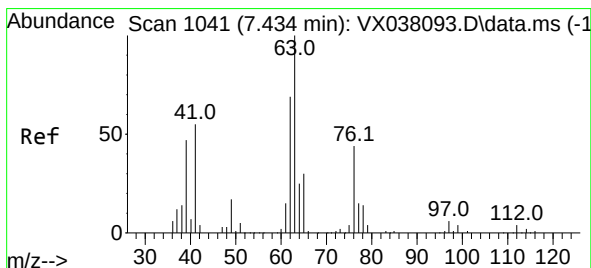
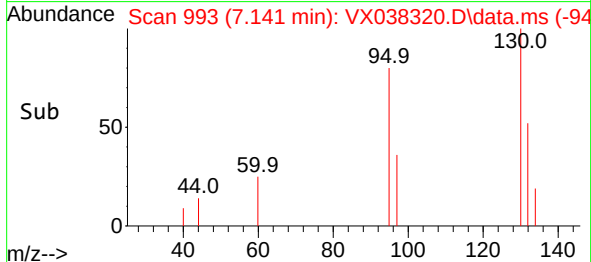
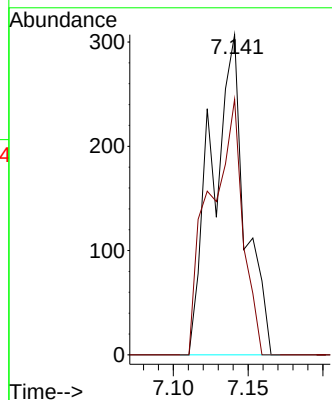


Tgt Ion:130 Resp: 473
Ion Ratio Lower Upper
130 100
95 79.8 0.0 204.4

Manual Integrations
APPROVED

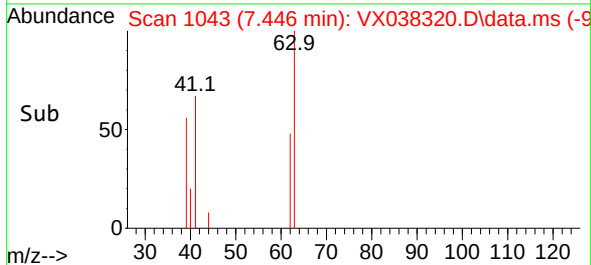
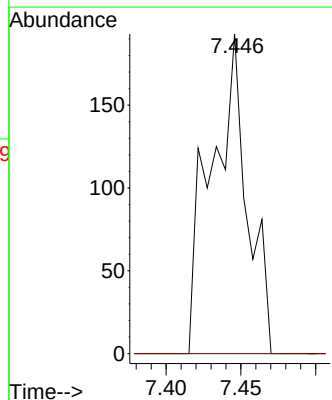
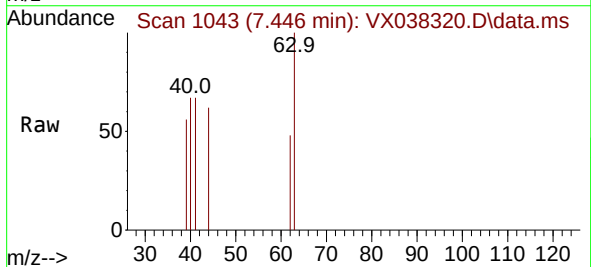
Reviewed By :John
Carlone
10/18/2023

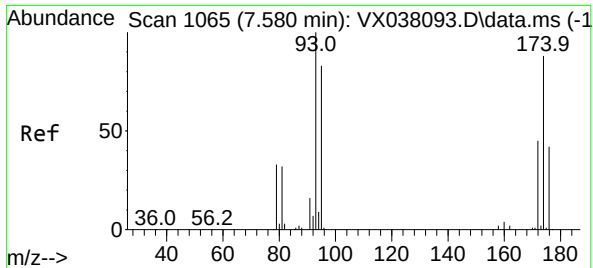
Supervised By :Semsetin
Yesilyurt
10/20/2023



#45
1,2-Dichloropropane
Concen: 0.212 ug/l
RT: 7.446 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

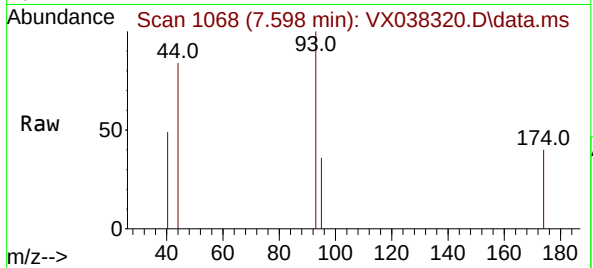
Tgt Ion: 63 Resp: 324
Ion Ratio Lower Upper
63 100
65 0.0 24.3 36.5#





#46
Dibromomethane
Concen: 0.219 ug/l
RT: 7.598 min Scan# 1065
Delta R.T. 0.018 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

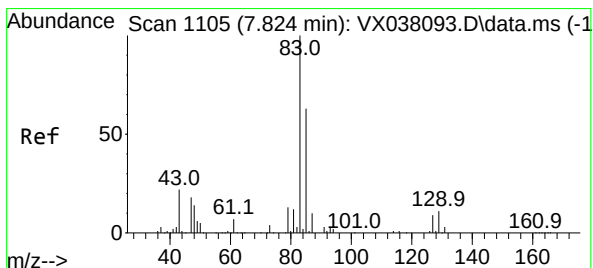
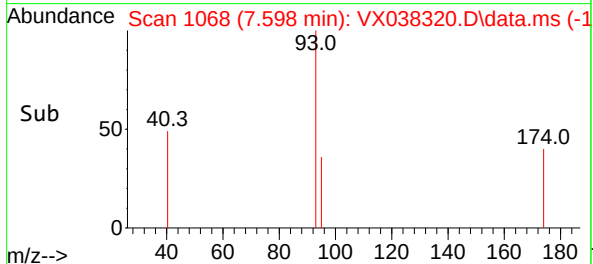
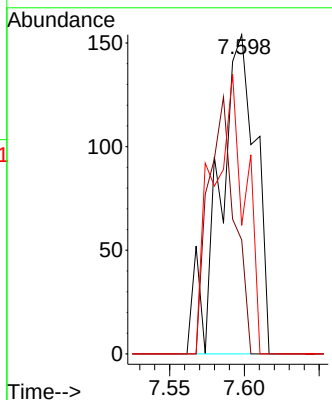


Tgt Ion: 93 Resp: 260
Ion Ratio Lower Upper
93 100
95 58.5 66.6 100.0
174 78.1 69.4 104.0

Manual Integrations
APPROVED

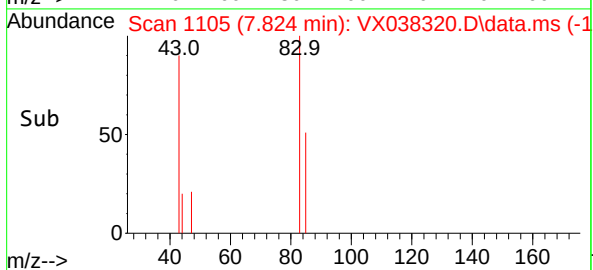
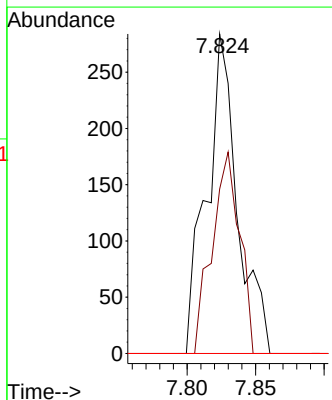
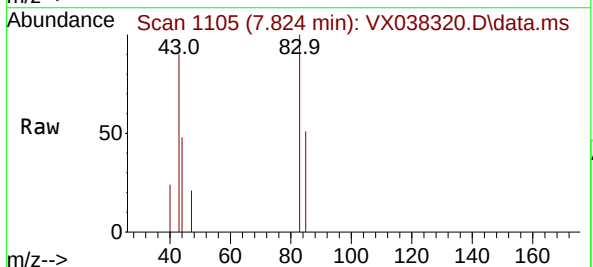
Reviewed By :John
Carlone
10/18/2023

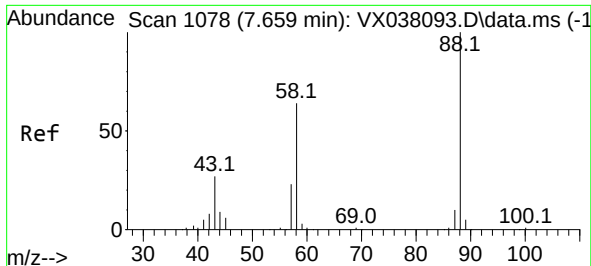
Supervised By :Semsetin
Yesilyurt
10/20/2023



#47
Bromodichloromethane
Concen: 0.211 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Tgt Ion: 83 Resp: 446
Ion Ratio Lower Upper
83 100
85 51.4 49.8 74.6
127 0.0 7.1 10.7#





#49

1,4-Dioxane

Concen: 2.656 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.018 min

Lab File: VX038320.D

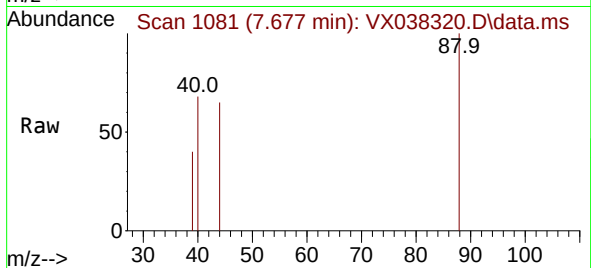
Acq: 17 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023



Tgt Ion:	88	Resp:	11
Ion Ratio	100	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	17.1	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John

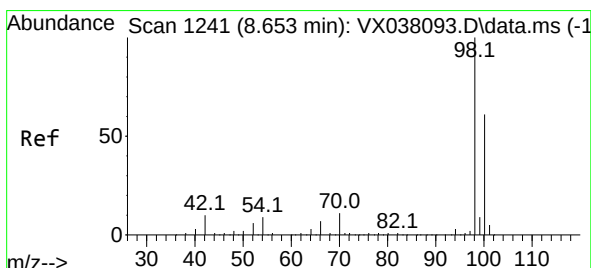
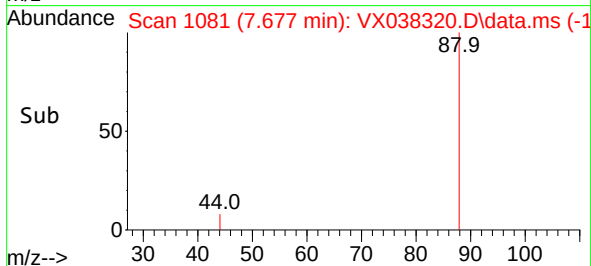
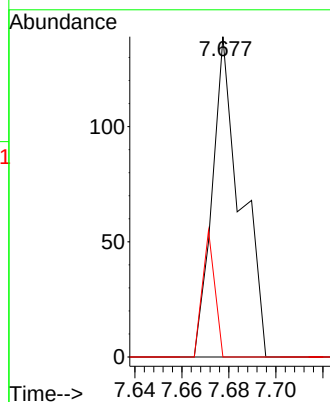
Carlone

10/18/2023

Supervised By :Semsetin

Yesilyurt

10/20/2023



#50

Toluene-d8

Concen: 48.471 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038320.D

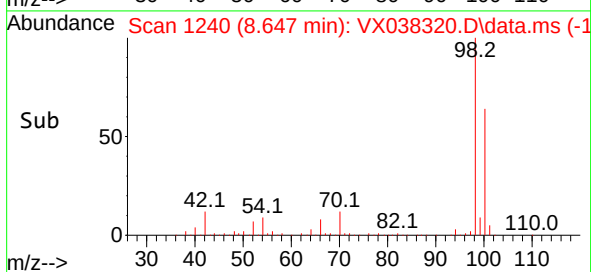
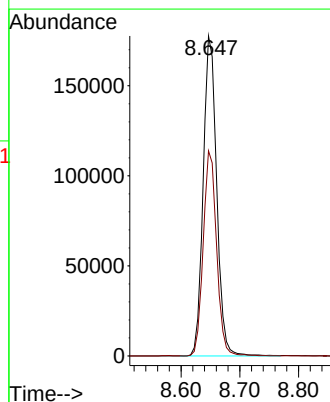
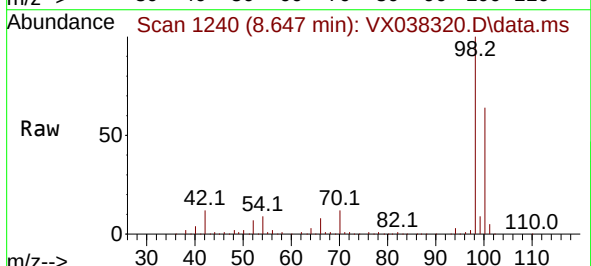
Acq: 17 Oct 2023 11:27

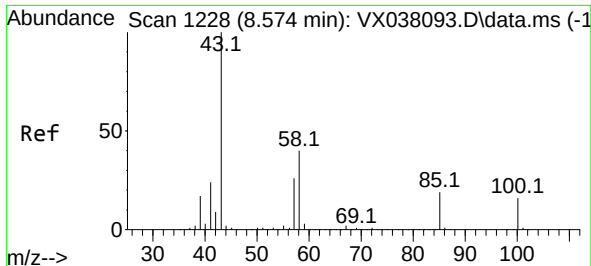
Tgt Ion: 98 Resp: 283658

Ion Ratio Lower Upper

98 100

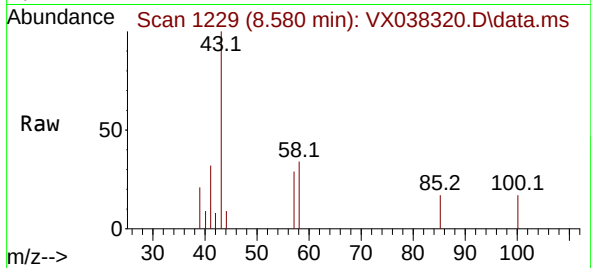
100 63.7 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 0.946 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

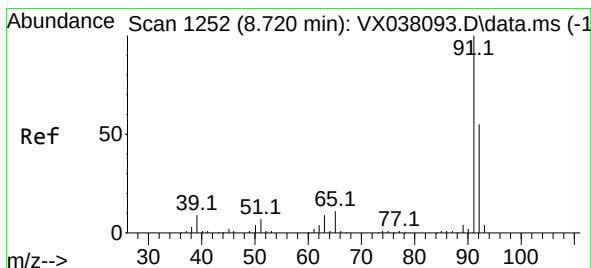
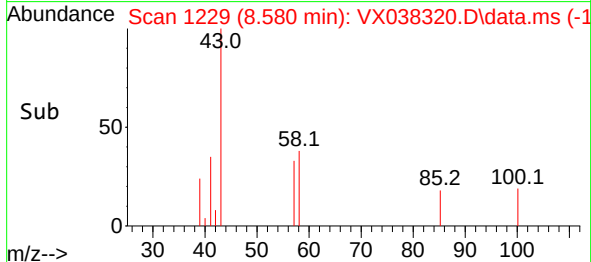
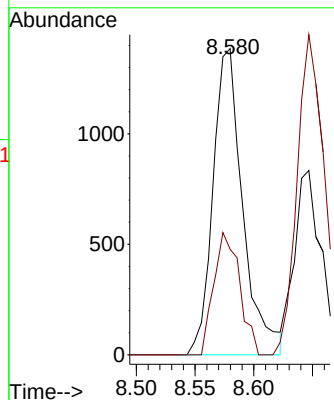


Tgt Ion: 43 Resp: 244
Ion Ratio Lower Upper
43 100
58 34.7 30.4 45.6

Manual Integrations
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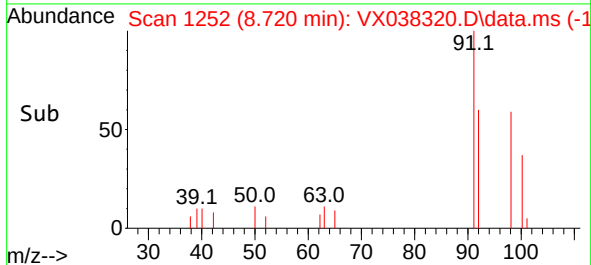
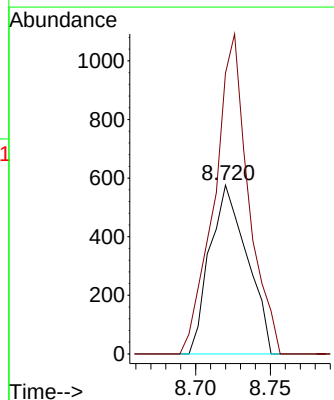
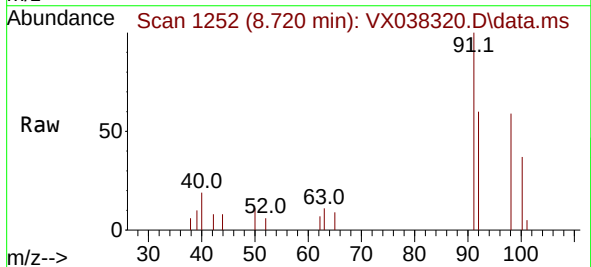
Reviewed By :John
Carlone
10/18/2023

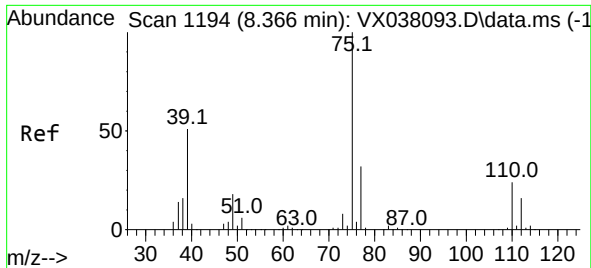
Supervised By :Semsetin
Yesilyurt
10/20/2023



#52
Toluene
Concen: 0.260 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

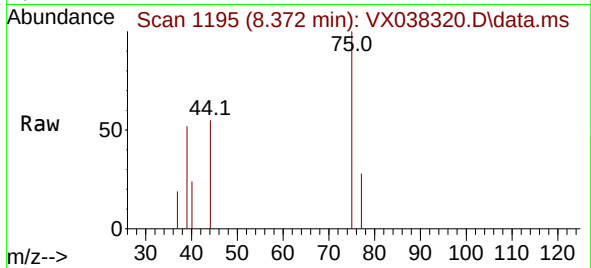
Tgt Ion: 92 Resp: 1000
Ion Ratio Lower Upper
92 100
91 173.7 134.2 201.2





#54
cis-1,3-Dichloropropene
Concen: 0.211 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023

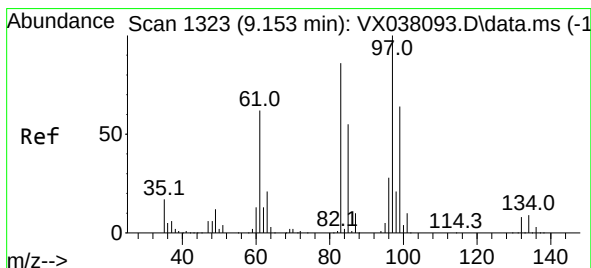
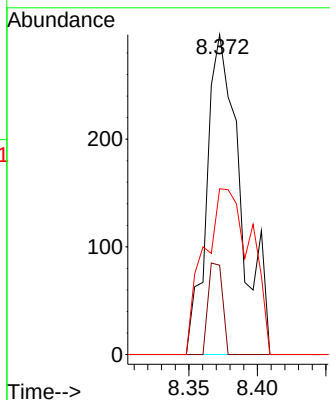
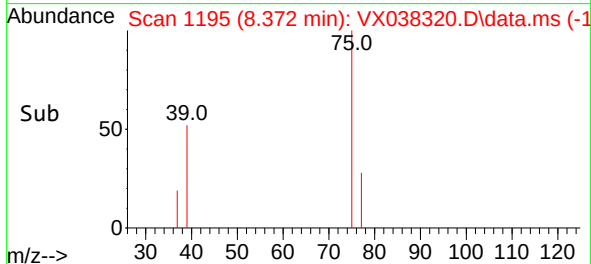


Tgt Ion: 75 Resp: 50
Ion Ratio Lower Upper
75 100
77 27.9 25.3 37.9
39 51.9 46.7 70.1

Manual Integrations
APPROVED

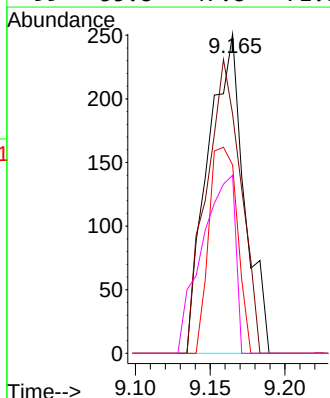
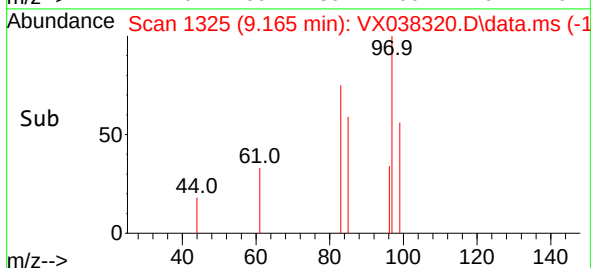
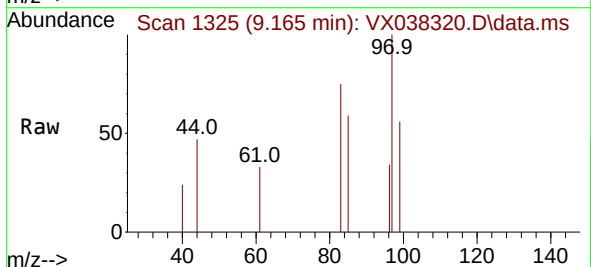
Reviewed By :John
Carlone
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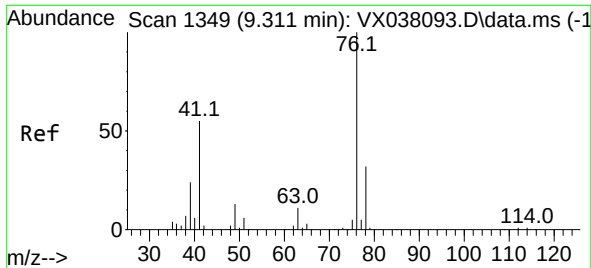
Supervised By :Semsetin
Yesilyurt
10/20/2023



#55
1,1,2-Trichloroethane
Concen: 0.258 ug/l
RT: 9.165 min Scan# 1325
Delta R.T. 0.012 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

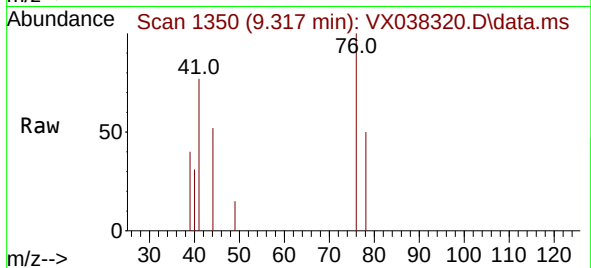
Tgt Ion: 97 Resp: 425
Ion Ratio Lower Upper
97 100
83 74.9 65.8 98.8
85 59.0 41.6 62.4
99 55.8 47.8 71.8





#57
1,3-Dichloropropane
Concen: 0.202 ug/l
RT: 9.317 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

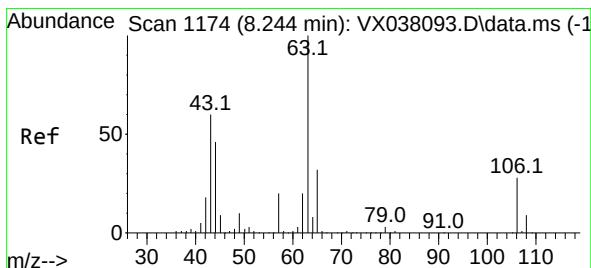
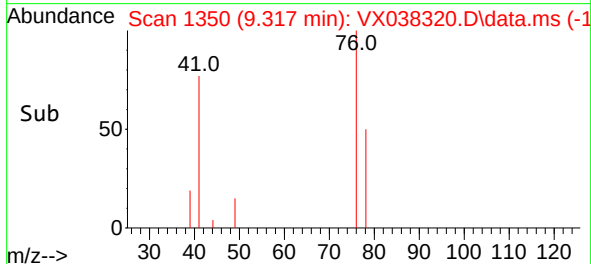
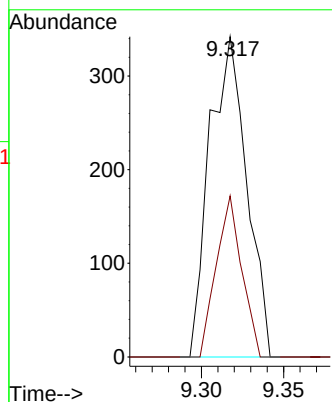


Tgt Ion: 76 Resp: 53
Ion Ratio Lower Upper
76 100
78 34.5 26.1 39.1

Manual Integrations
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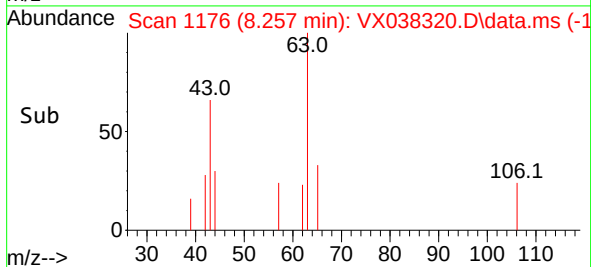
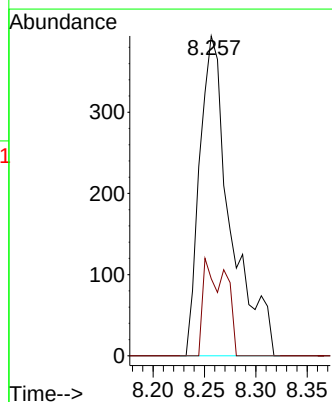
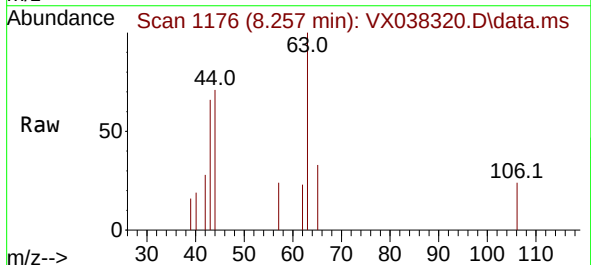
Reviewed By :John
Carlone
10/18/2023

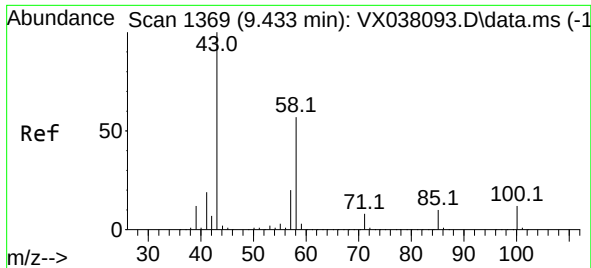
Supervised By :Semsetin
Yesilyurt
10/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 0.664 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.013 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Tgt Ion: 63 Resp: 823
Ion Ratio Lower Upper
63 100
106 21.7 22.5 33.7#





#59

2-Hexanone

Concen: 0.836 ug/l

RT: 9.439 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX038320.D

Acq: 17 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 43 Resp: 1735
 Ion Ratio Lower Upper
 43 100
 58 55.0 26.2 78.5

Manual Integrations
 APPROVED

Reviewed By :John

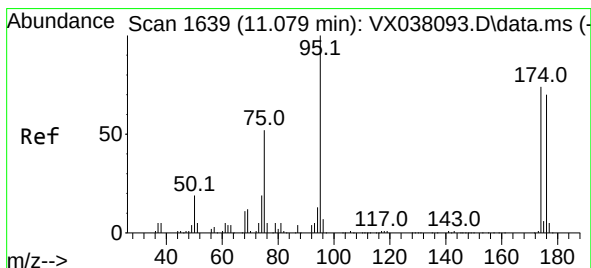
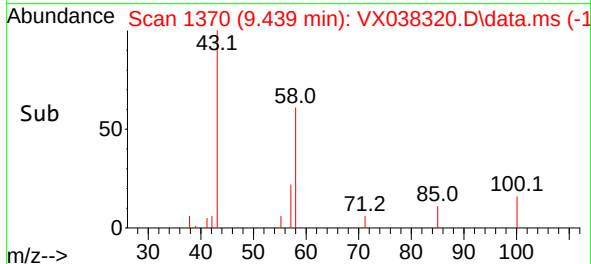
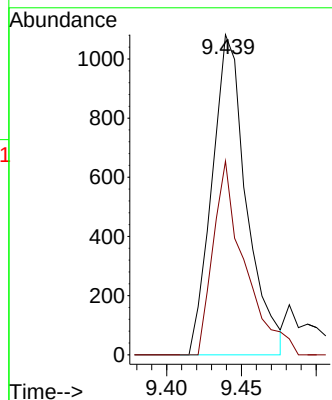
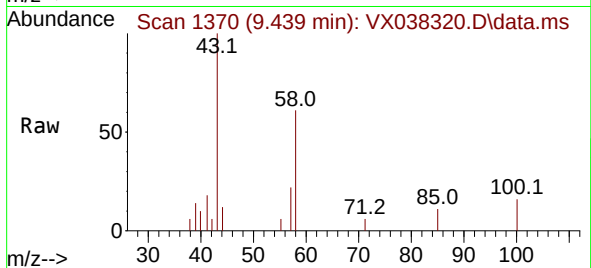
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#62

4-Bromofluorobenzene

Concen: 46.621 ug/l

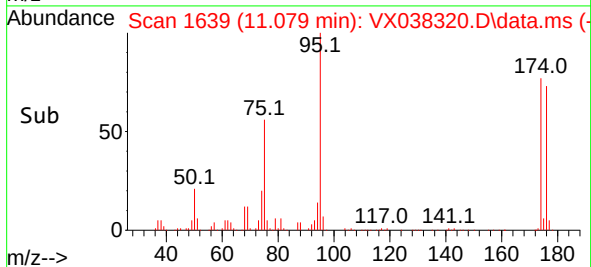
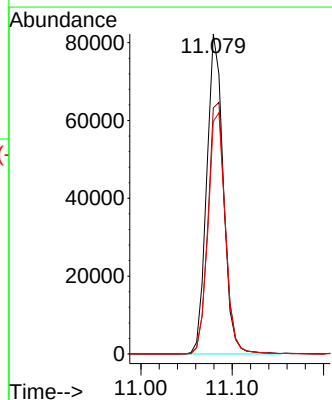
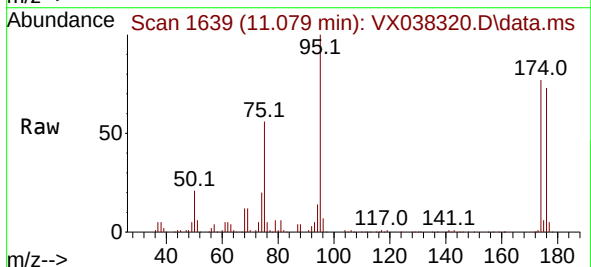
RT: 11.079 min Scan# 1639

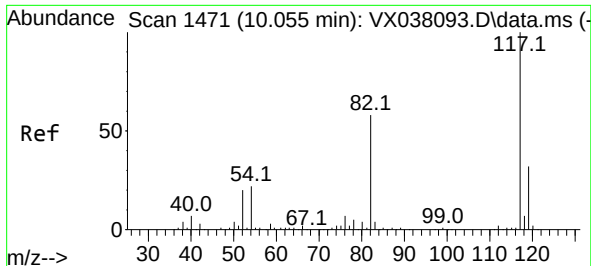
Delta R.T. 0.000 min

Lab File: VX038320.D

Acq: 17 Oct 2023 11:27

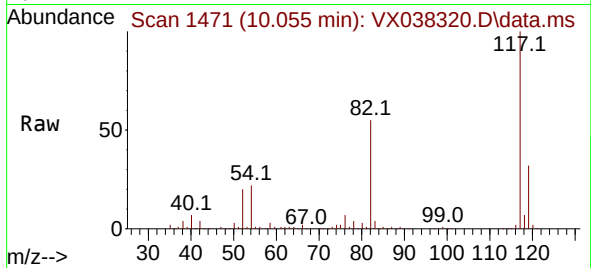
Tgt Ion: 95 Resp: 103432
 Ion Ratio Lower Upper
 95 100
 174 81.8 0.0 135.6
 176 78.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

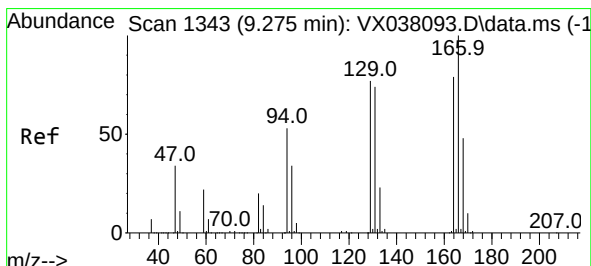
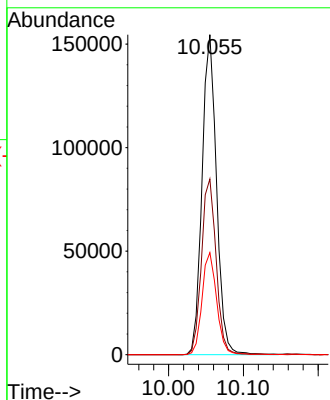
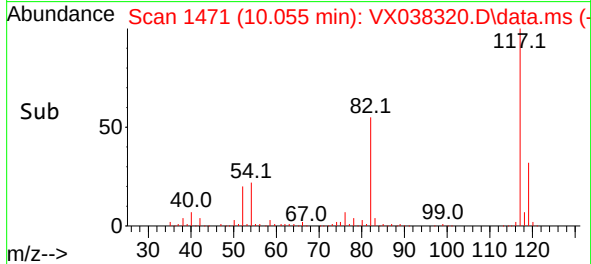


Tgt Ion:117 Resp: 20781
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 31.9 25.5 38.3

Manual Integrations
APPROVED

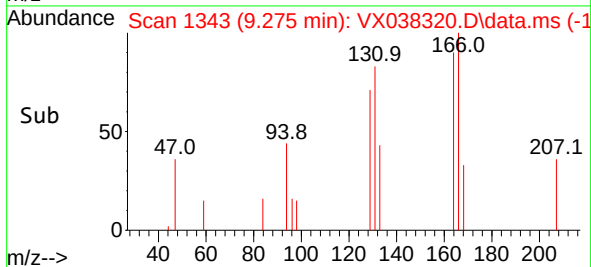
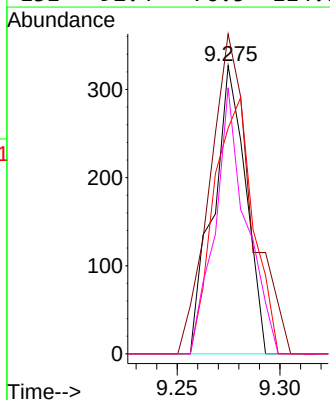
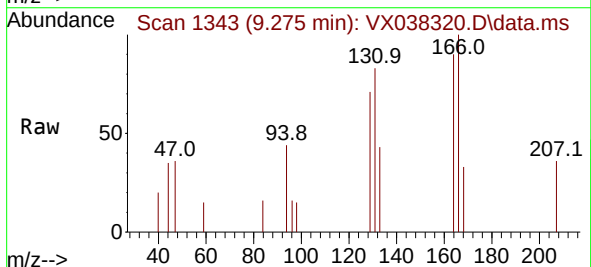
Reviewed By :John
Carlone
10/18/2023

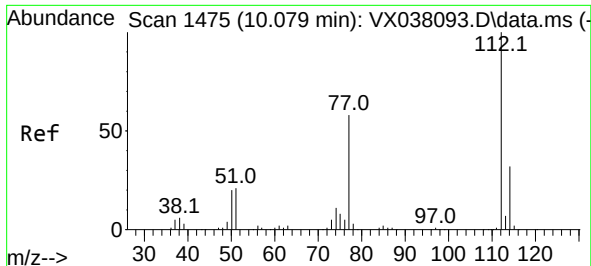
Supervised By :Semsetin
Yesilyurt
10/20/2023



#64
Tetrachloroethene
Concen: 0.268 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Tgt Ion:164 Resp: 360
Ion Ratio Lower Upper
164 100
166 111.0 102.7 154.1
129 78.3 80.4 120.6#
131 92.4 76.5 114.7





#65

Chlorobenzene

Concen: 0.267 ug/l

RT: 10.086 min Scan# 1475

Delta R.T. 0.007 min

Lab File: VX038320.D

Acq: 17 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion:112 Resp: 116

Ion Ratio Lower Upper

112 100

114 30.3 25.7 38.5

Manual Integrations

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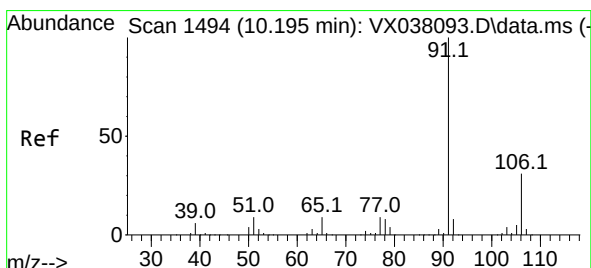
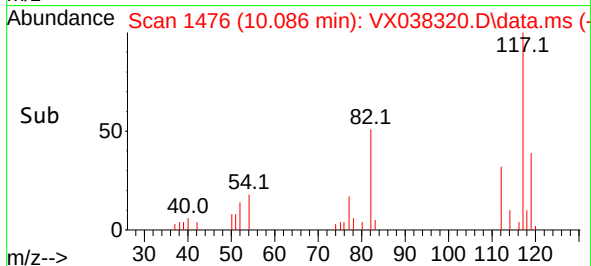
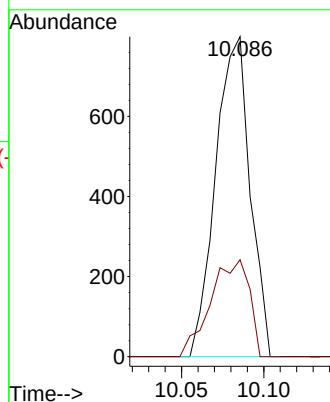
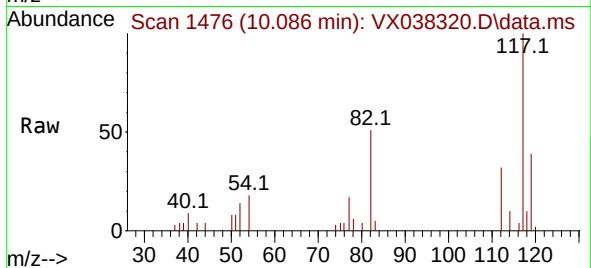
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#67

Ethyl Benzene

Concen: 0.231 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038320.D

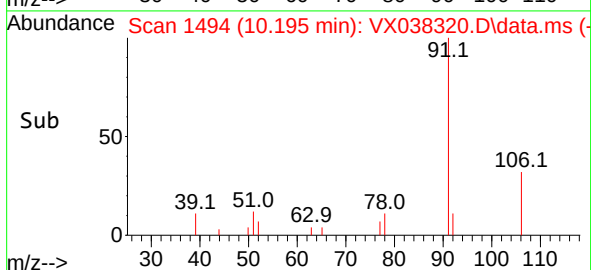
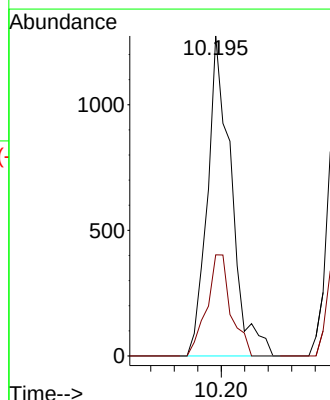
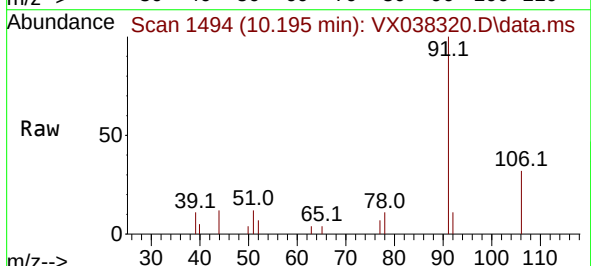
Acq: 17 Oct 2023 11:27

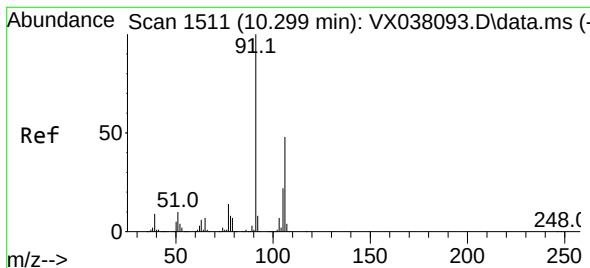
Tgt Ion: 91 Resp: 1792

Ion Ratio Lower Upper

91 100

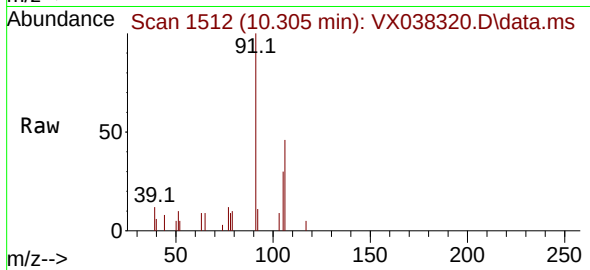
106 31.6 24.9 37.3





#68
m/p-Xylenes
Concen: 0.385 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

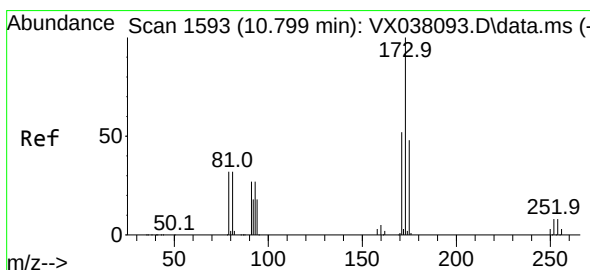
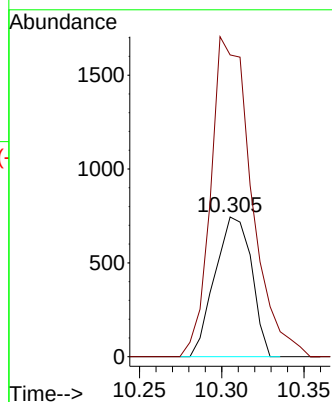


Tgt Ion:106 Resp: 1150
Ion Ratio Lower Upper
106 100
91 253.8 165.5 248.3

Manual Integrations
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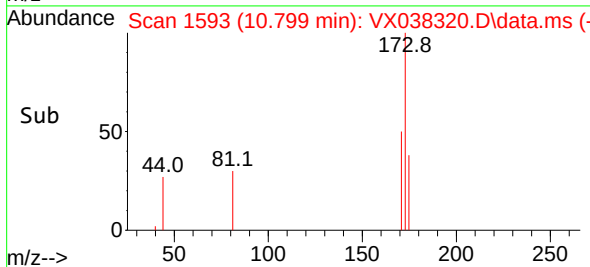
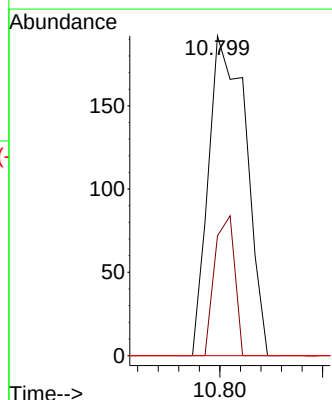
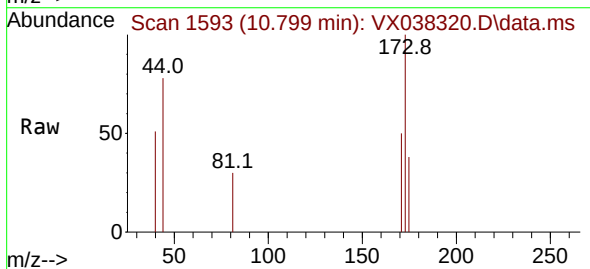
Reviewed By :John
Carlone
10/18/2023

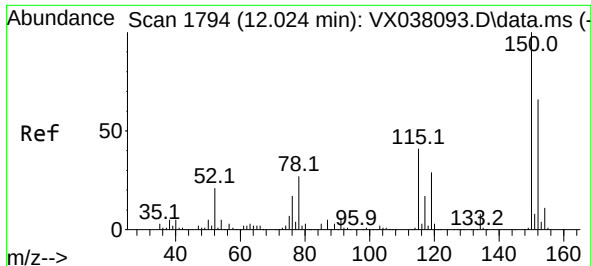
Supervised By :Semsetin
Yesilyurt
10/20/2023



#71
Bromoform
Concen: 0.201 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

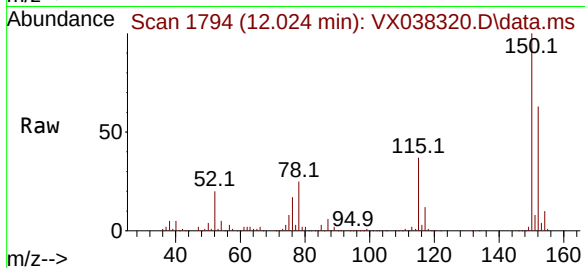
Tgt Ion:173 Resp: 243
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

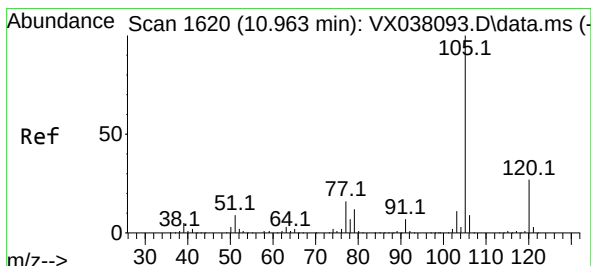
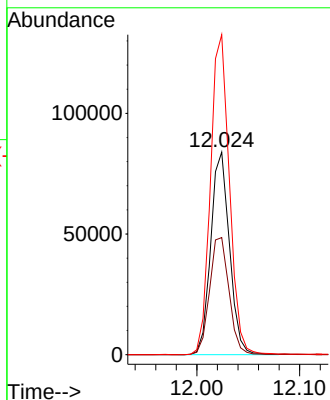
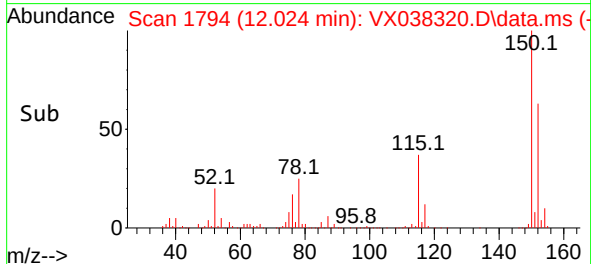


Tgt Ion:152 Resp: 106130
Ion Ratio Lower Upper
152 100
115 60.4 43.3 129.9
150 160.4 0.0 345.0

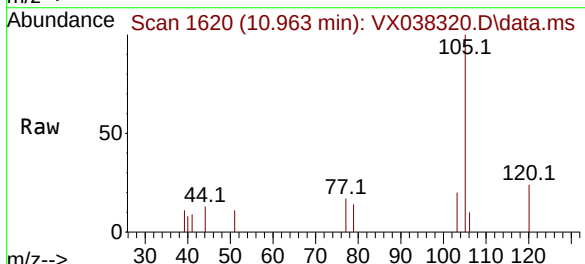
Manual Integrations
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Reviewed By :John
Carlone
10/18/2023

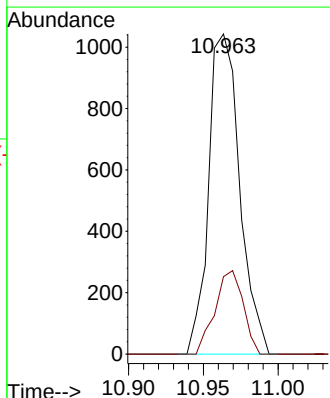
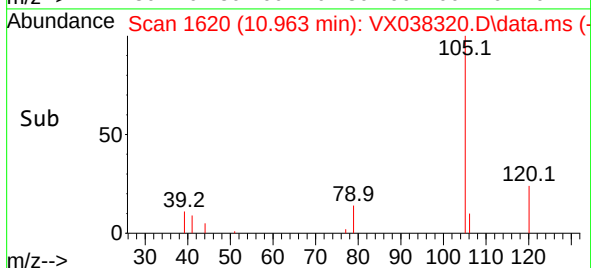
Supervised By :Semsetin
Yesilyurt
10/20/2023

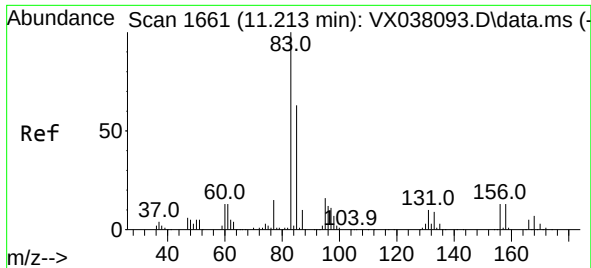


#73
Isopropylbenzene
Concen: 0.212 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27



Tgt Ion:105 Resp: 1508
Ion Ratio Lower Upper
105 100
120 23.6 12.9 38.6





#75
1,1,2,2-Tetrachloroethane
Concen: 0.256 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

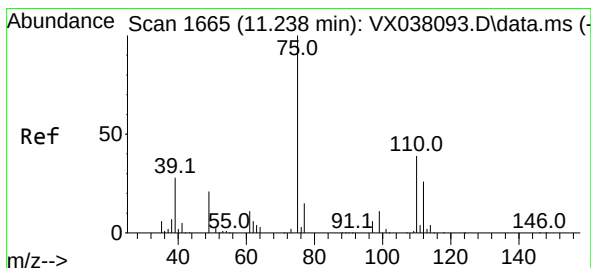
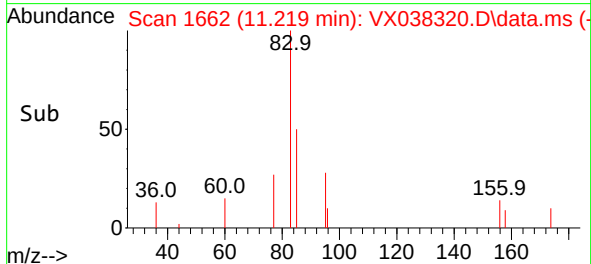
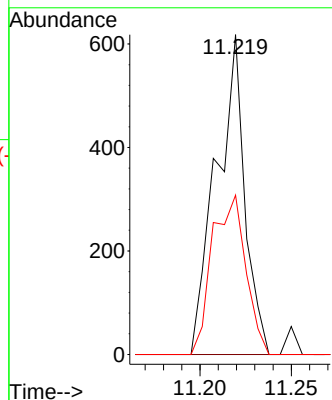
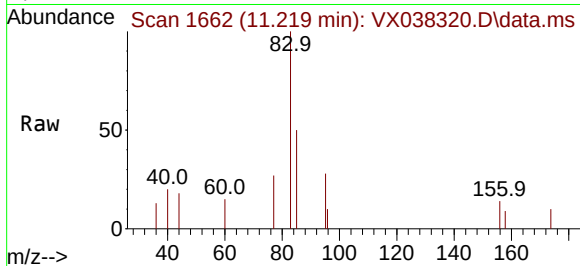
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 83 Resp: 668
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.8
85 58.7 32.0 96.2

Manual Integrations
APPROVED

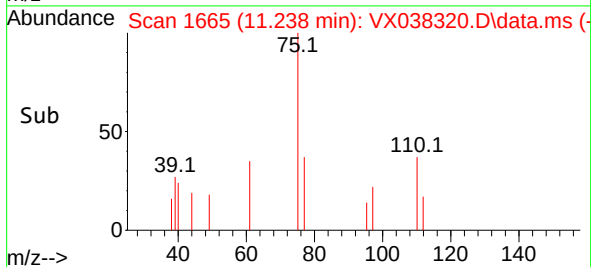
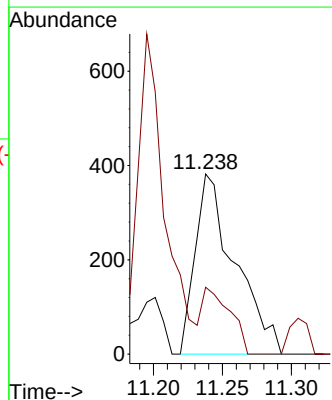
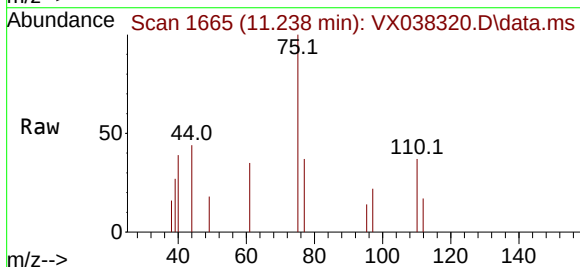
Reviewed By :John
Carlone
10/18/2023

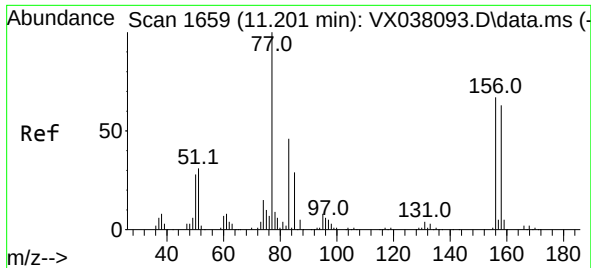
Supervised By :Semsetin
Yesilyurt
10/20/2023



#76
1,2,3-Trichloropropane
Concen: 0.318 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

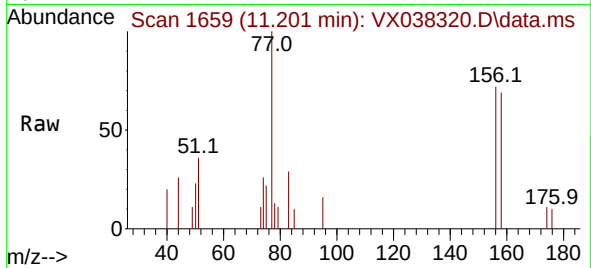
Tgt Ion: 75 Resp: 767
Ion Ratio Lower Upper
75 100
77 83.6 19.1 57.5#





#77
Bromobenzene
Concen: 0.329 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

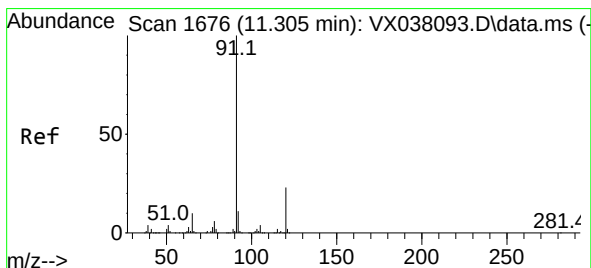
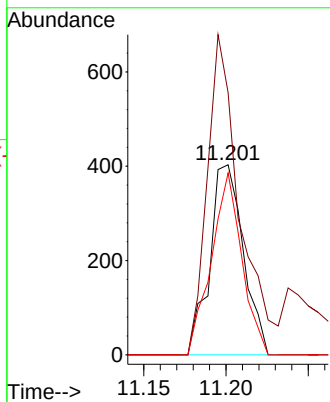
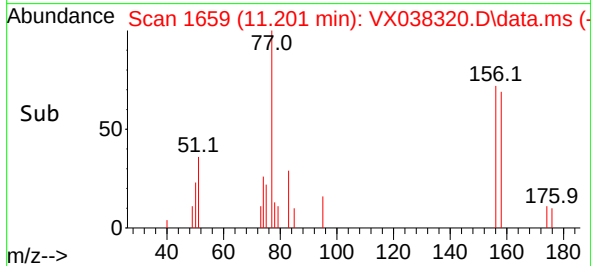


Tgt Ion: 156 Resp: 572
Ion Ratio Lower Upper
156 100
77 163.6 88.4 265.3
158 86.7 48.0 144.0

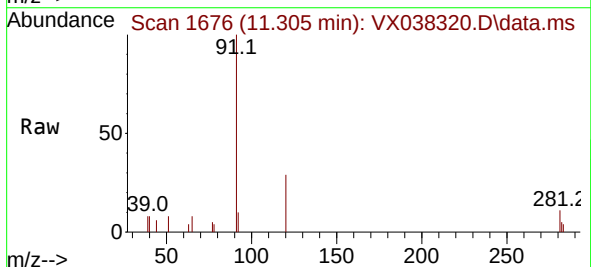
Manual Integrations
APPROVED

Reviewed By :John
Carlone
10/18/2023

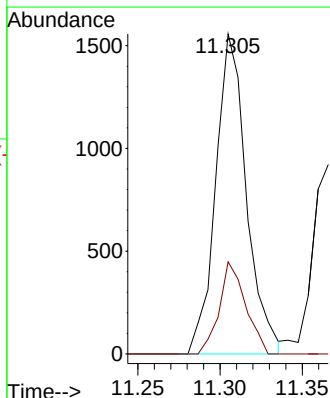
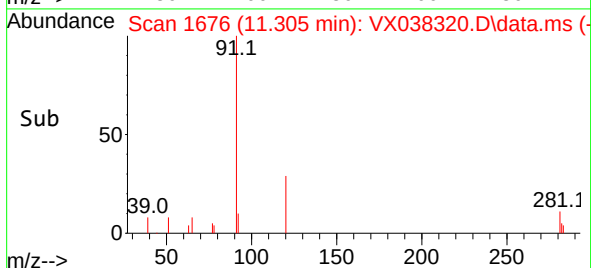
Supervised By :Semsetin
Yesilyurt
10/20/2023

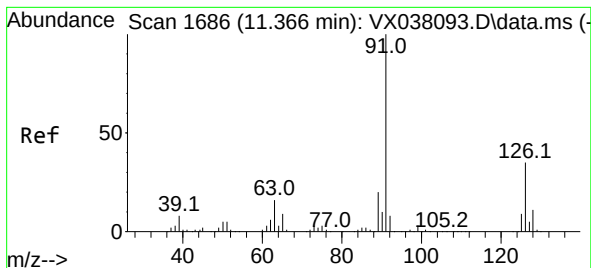


#78
n-propylbenzene
Concen: 0.232 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27



Tgt Ion: 91 Resp: 2023
Ion Ratio Lower Upper
91 100
120 24.5 11.5 34.4





#79
2-Chlorotoluene
Concen: 0.255 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

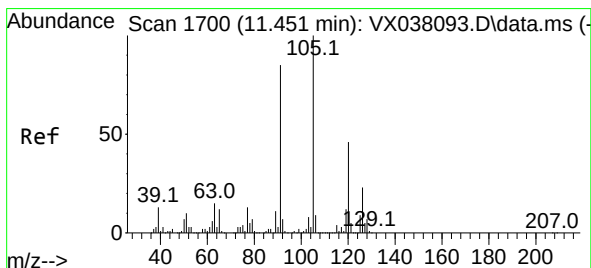
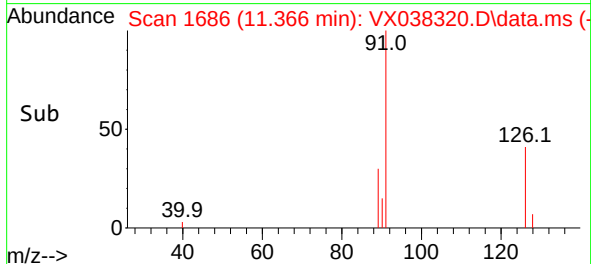
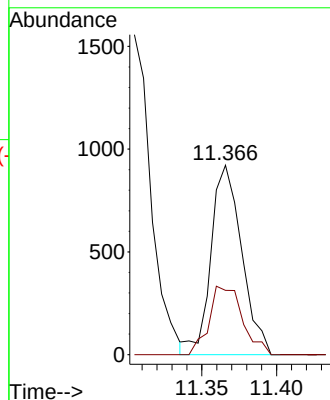
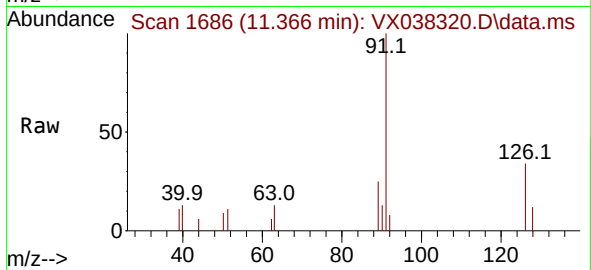
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 91 Resp: 131
Ion Ratio Lower Upper
91 100
126 39.1 16.3 48.8

Manual Integrations
APPROVED

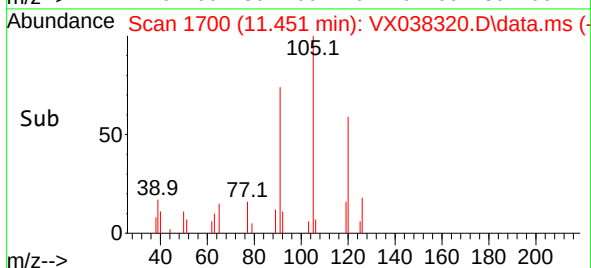
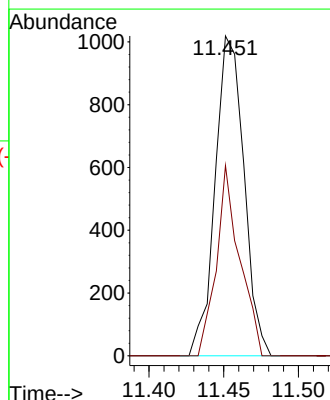
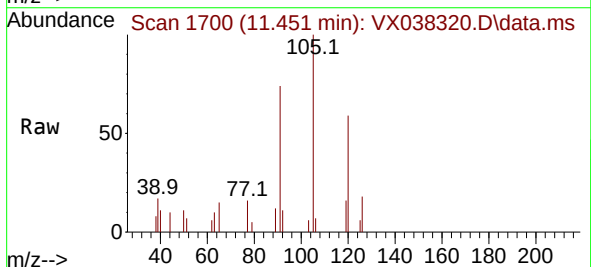
Reviewed By :John
Carlone
10/18/2023

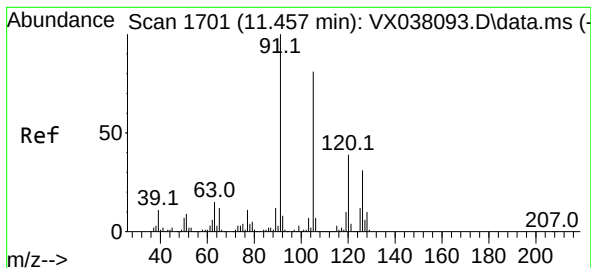
Supervised By :Semsetin
Yesilyurt
10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.222 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

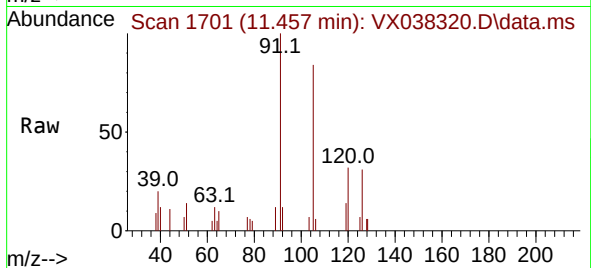
Tgt Ion:105 Resp: 1366
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





#82
4-Chlorotoluene
Concen: 0.263 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

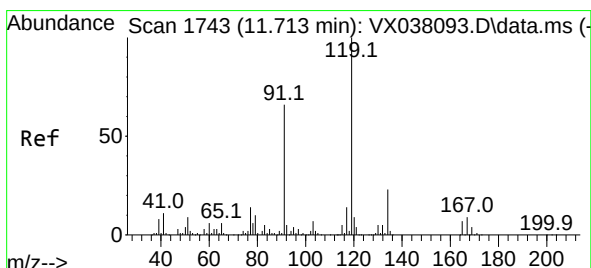
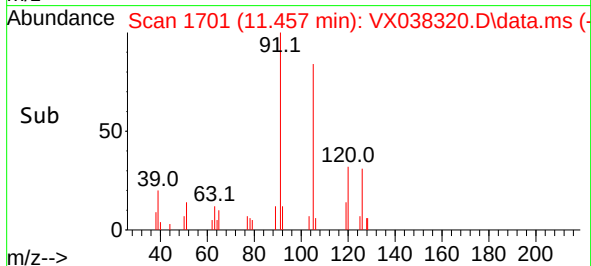
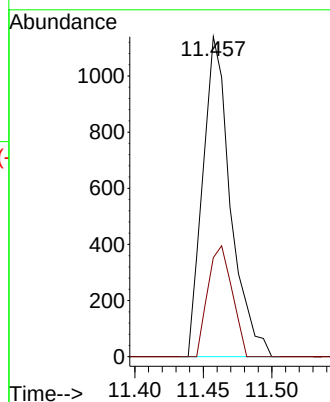


Tgt Ion: 91 Resp: 160
Ion Ratio Lower Upper
91 100
126 30.3 14.2 42.6

Manual Integrations
APPROVED

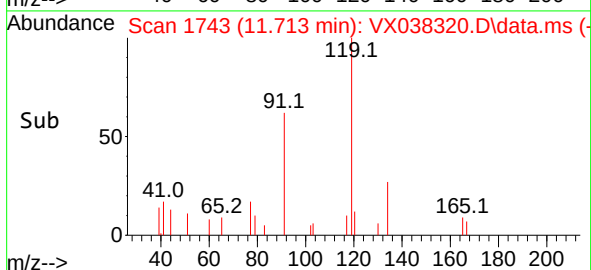
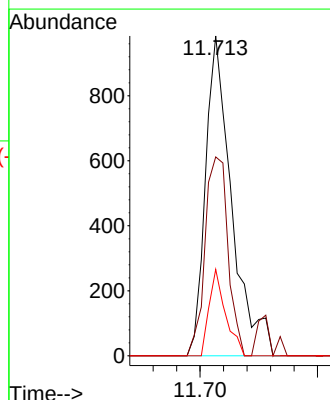
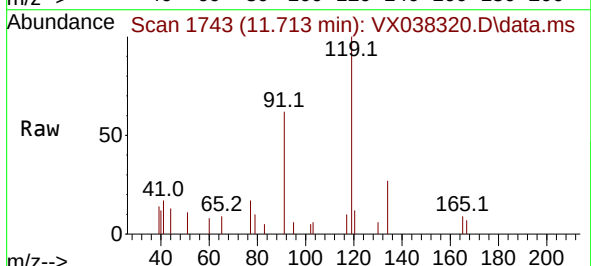
Reviewed By :John
Carlone
10/18/2023

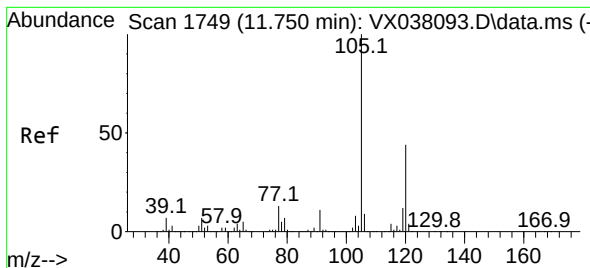
Supervised By :Semsetin
Yesilyurt
10/20/2023



#83
tert-Butylbenzene
Concen: 0.254 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Tgt Ion:119 Resp: 1522
Ion Ratio Lower Upper
119 100
91 54.5 31.2 93.6
134 16.9 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 0.204 ug/l

RT: 11.756 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VX038320.D

Acq: 17 Oct 2023 11:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion:105 Resp: 124
 Ion Ratio Lower Upper
 105 100
 120 53.7 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John

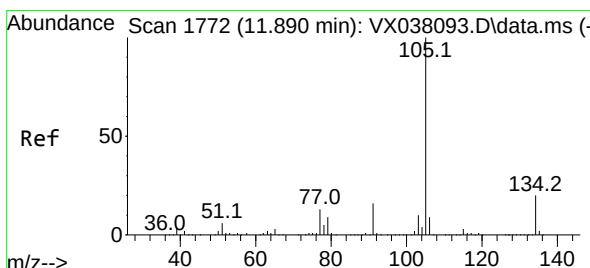
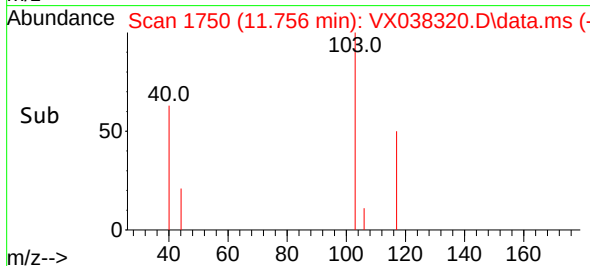
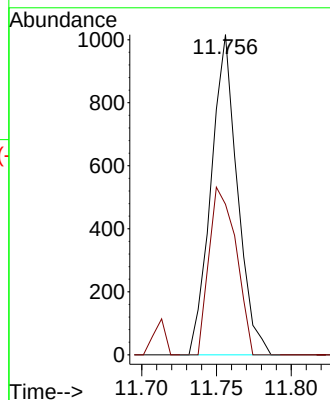
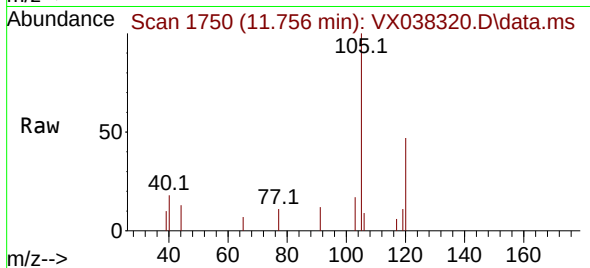
Carlone

10/18/2023

Supervised By :Semsetin

Yesilyurt

10/20/2023



#85

sec-Butylbenzene

Concen: 0.242 ug/l

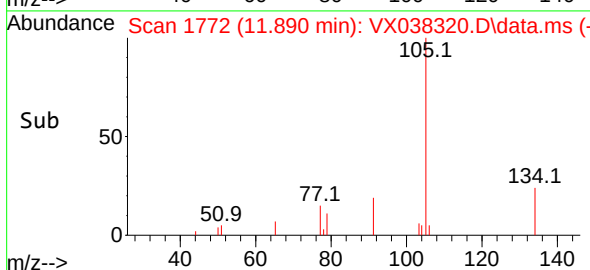
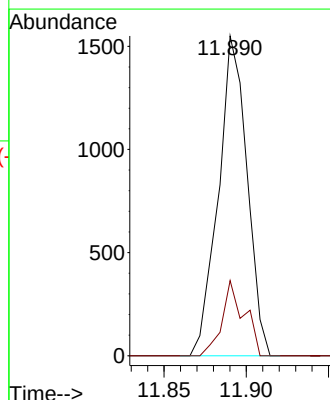
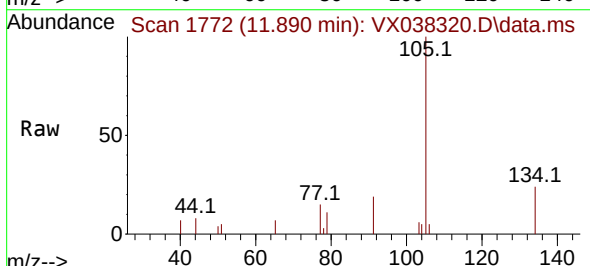
RT: 11.890 min Scan# 1772

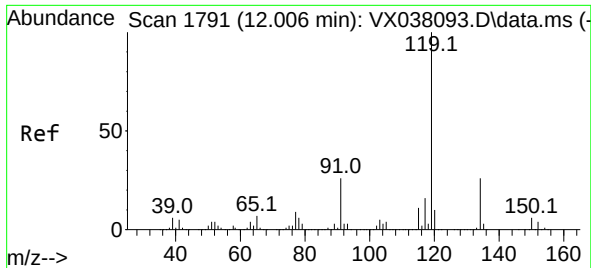
Delta R.T. 0.000 min

Lab File: VX038320.D

Acq: 17 Oct 2023 11:27

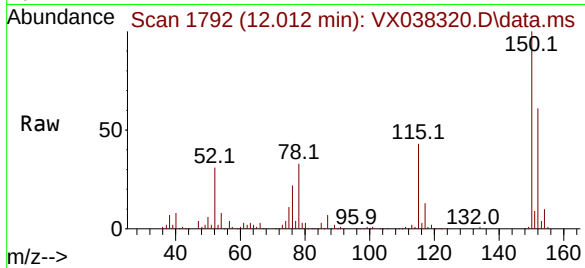
Tgt Ion:105 Resp: 1882
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.8 29.4





#86
p-Isopropyltoluene
Concen: 0.241 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

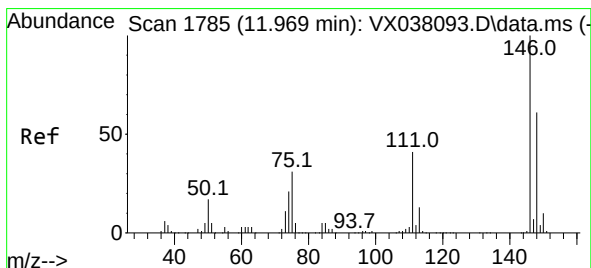
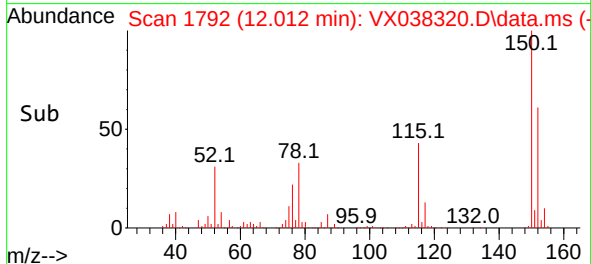
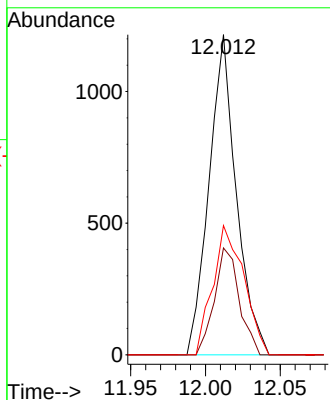


Tgt Ion:119 Resp: 154
Ion Ratio Lower Upper
119 100
134 30.3 12.8 38.3
91 46.0 13.1 39.3

Manual Integrations
APPROVED

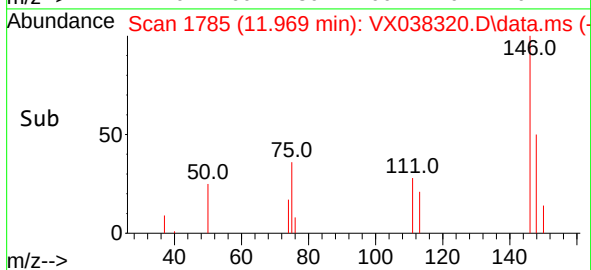
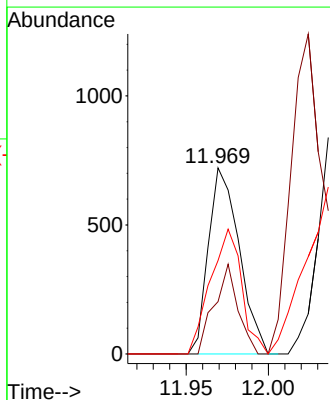
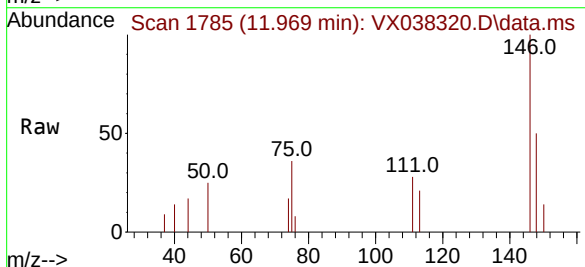
Reviewed By :John
Carlone
10/18/2023

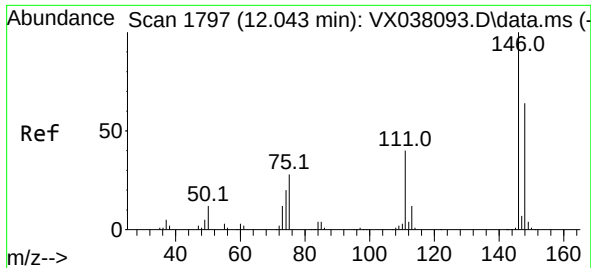
Supervised By :Semsetin
Yesilyurt
10/20/2023



#87
1,3-Dichlorobenzene
Concen: 0.270 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

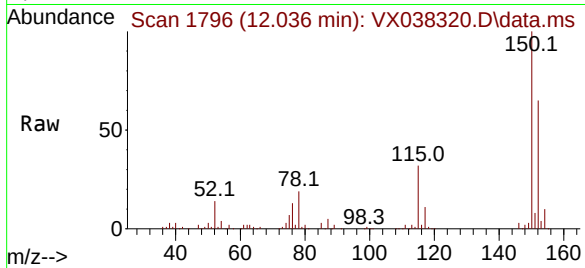
Tgt Ion:146 Resp: 942
Ion Ratio Lower Upper
146 100
111 36.9 22.1 66.1
148 68.0 31.8 95.3





#88
1,4-Dichlorobenzene
Concen: 0.333 ug/l m
RT: 12.036 min Scan# 1797
Delta R.T. -0.007 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023

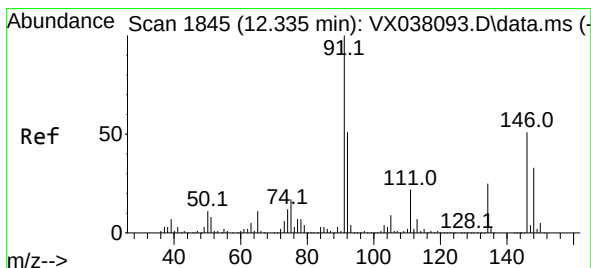
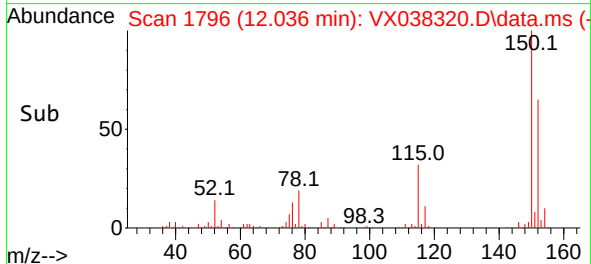
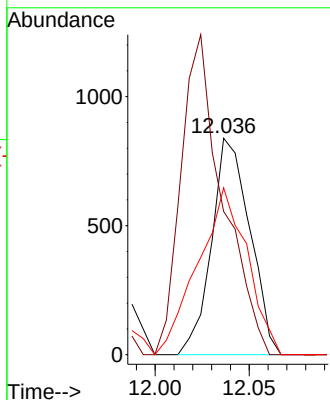


Tgt Ion:146 Resp: 118
Ion Ratio Lower Upper
146 100
111 29.4 21.3 63.7
148 54.1 31.8 95.4

Manual Integrations
APPROVED

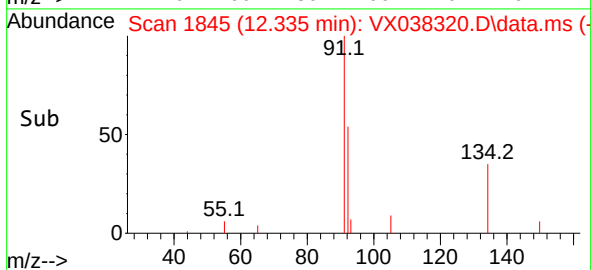
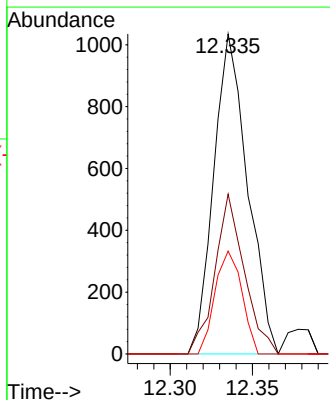
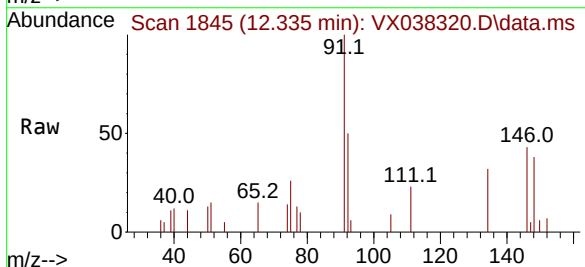
Reviewed By :John
Carlone
10/18/2023

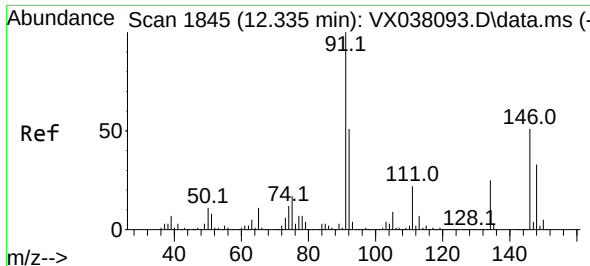
Supervised By :Semsetin
Yesilyurt
10/20/2023



#89
n-Butylbenzene
Concen: 0.232 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

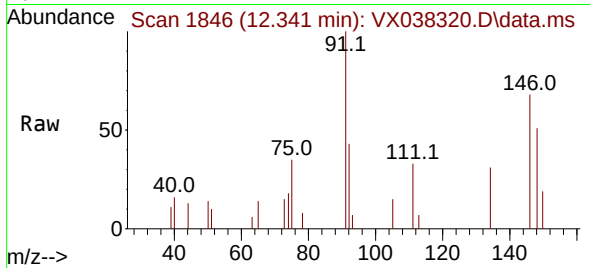
Tgt Ion: 91 Resp: 1482
Ion Ratio Lower Upper
91 100
92 43.3 27.4 82.0
134 25.5 12.6 37.8





#91
1,2-Dichlorobenzene
Concen: 0.236 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023

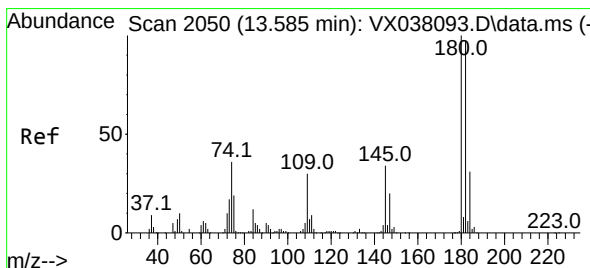
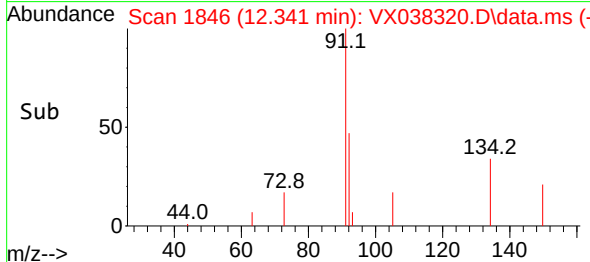
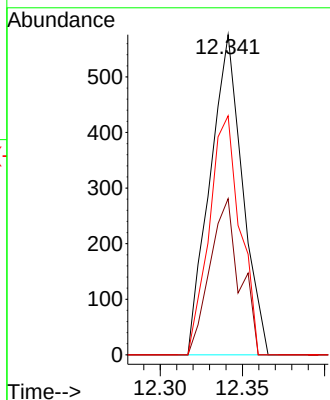


Tgt Ion:146 Resp: 79
Ion Ratio Lower Upper
146 100
111 45.0 22.4 67.0
148 71.2 31.6 95.0

Manual Integrations
APPROVED

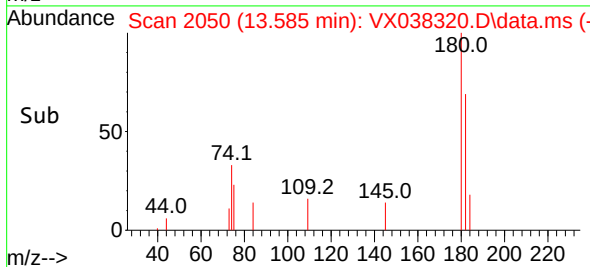
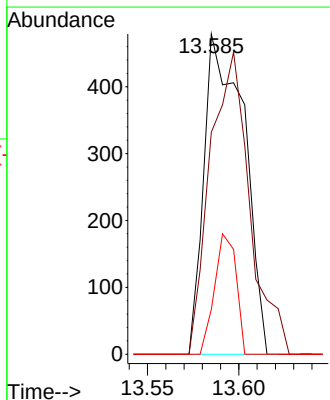
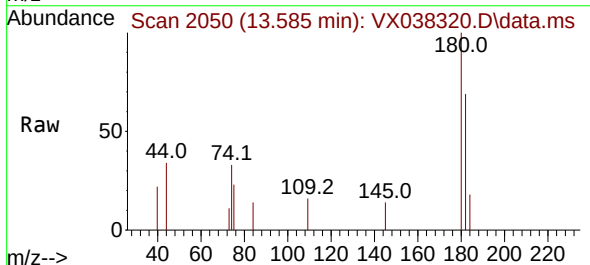
Reviewed By :John
Carlone
10/18/2023

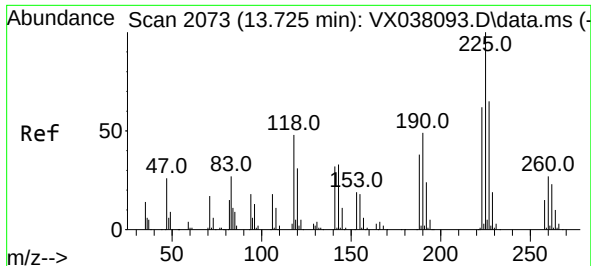
Supervised By :Semsetin
Yesilyurt
10/20/2023



#93
1,2,4-Trichlorobenzene
Concen: 0.321 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

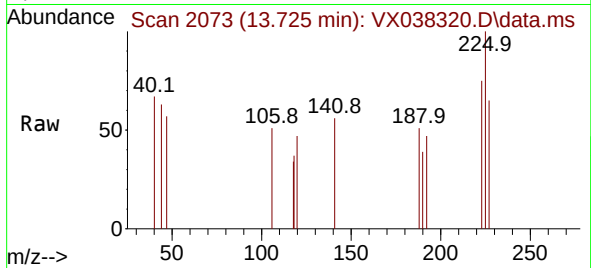
Tgt Ion:180 Resp: 722
Ion Ratio Lower Upper
180 100
182 94.0 48.3 144.8
145 20.5 18.0 54.0





#94
Hexachlorobutadiene
Concen: 0.280 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

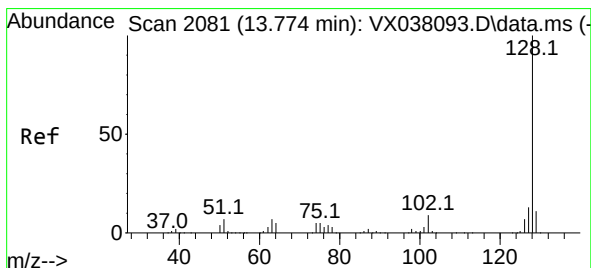
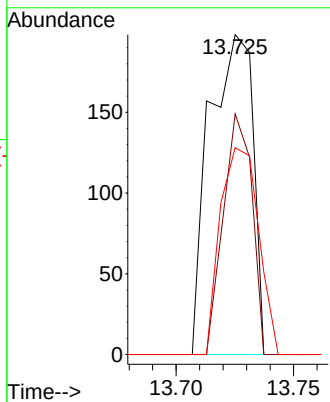
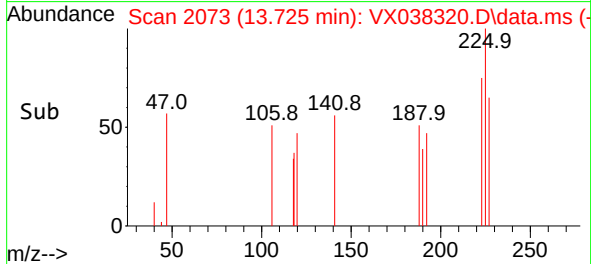


Tgt Ion:225 Resp: 254
Ion Ratio Lower Upper
225 100
223 49.6 31.1 93.2
227 57.1 32.5 97.5

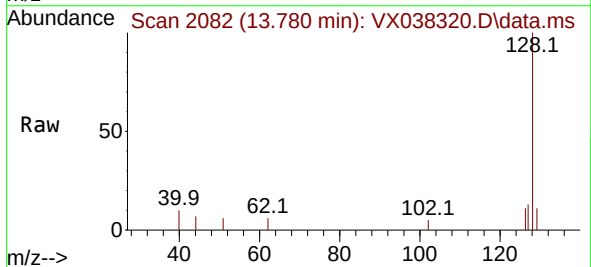
Manual Integrations
APPROVED

Reviewed By :John
Carlone
10/18/2023

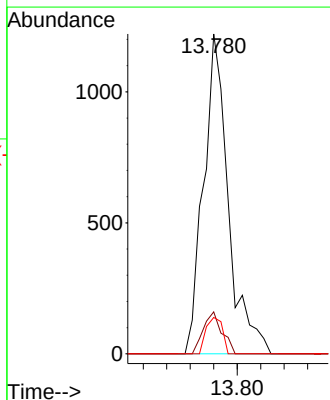
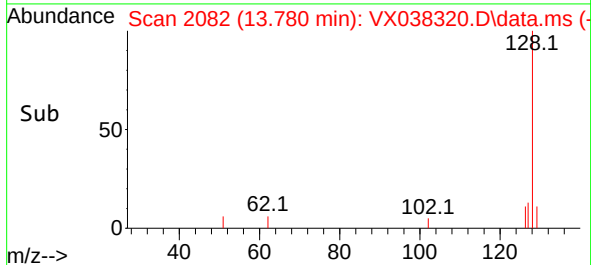
Supervised By :Semsetin
Yesilyurt
10/20/2023

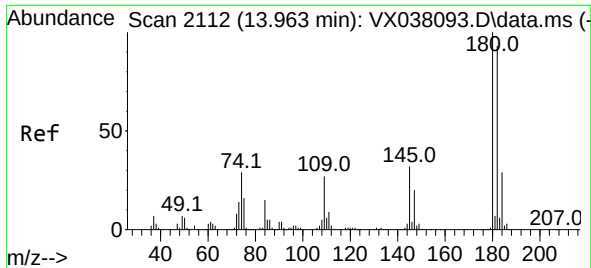


#95
Naphthalene
Concen: 0.228 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX038320.D
Acq: 17 Oct 2023 11:27



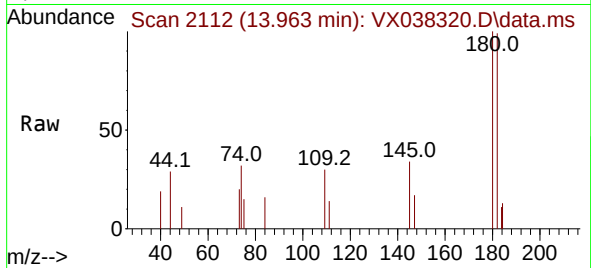
Tgt Ion:128 Resp: 1786
Ion Ratio Lower Upper
128 100
127 9.9 10.3 15.5#
129 7.5 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.274 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX038320.D
 Acq: 17 Oct 2023 11:27

Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion:180 Resp: 598
 Ion Ratio Lower Upper
 180 100
 182 105.2 46.9 140.6
 145 31.8 17.8 53.5

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 10/18/2023

Supervised By :Semsettin
 Yesilyurt
 10/20/2023

