

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
 Data File : VX036536.D
 Acq On : 13 Jul 2023 19:28
 Operator : JC/MD
 Sample : 03572-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

Quant Time: Jul 14 04:38:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/14/2023
 Supervised By : Semsettin Yesilyurt 07/14/2023

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

Internal Standards						
1) Bromochloromethane	4.904	128	30987	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	163129	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	149729	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	75863	29.498	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.333%		
60) 4-Bromofluorobenzene	11.079	95	71496	29.437	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.133%		
63) Toluene-d8	8.647	98	206601	29.986	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.967%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6244	3.607	ug/l	93
3) Chloromethane	1.294	50	10305	4.351	ug/l	97
4) Vinyl Chloride	1.374	62	10111	4.140	ug/l	93
5) Bromomethane	1.611	94	11444	4.575	ug/l	99
6) Chloroethane	1.685	64	8441	5.077	ug/l	100
7) Trichlorofluoromethane	1.886	101	16310	4.116	ug/l	98
8) Diethyl Ether	2.130	74	7980	4.847	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	6904	3.848	ug/l	97
10) 1,1-Dichloroethene	2.319	96	7850	4.329	ug/l	92
11) Methyl Iodide	2.453	142	8655	4.189	ug/l	95
12) Methyl Acetate	2.709	43	20068	4.708	ug/l	99
13) Acrolein	2.239	56	8874	25.379	ug/l	95
14) Acrylonitrile	3.069	53	28591	23.931	ug/l	96
15) Acetone	2.386	58	8067	23.849	ug/l	93
16) Carbon Disulfide	2.508	76	17704	4.024	ug/l	96
17) Allyl chloride	2.660	41	14167	4.404	ug/l	93
18) Methylene Chloride	2.794	84	11320	5.184	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	8975	4.528	ug/l	94
20) Diisopropyl ether	3.757	45	30840	4.704	ug/l #	81
21) 1,1-Dichloroethane	3.605	63	17566	4.596	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	11194	4.693	ug/l	96
23) tert-Butyl Alcohol	2.989	59	13636m	24.578	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	31407	4.763	ug/l	99
25) Chloroform	5.093	83	18622	4.712	ug/l	96
26) Cyclohexane	5.477	56	11521	3.929	ug/l #	98
29) 1,1-Dichloropropene	5.702	75	10617	4.316	ug/l	87
30) 2-Butanone	4.568	43	40430	26.103	ug/l	99
31) 2,2-Dichloropropane	4.483	77	11209	4.155	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	13850	4.738	ug/l	99
33) Carbon Tetrachloride	5.684	117	10689	4.286	ug/l #	88
34) Benzene	6.037	78	38767	5.113	ug/l	99
35) Methacrylonitrile	4.922	41	8166m	5.081	ug/l	
36) 1,2-Dichloroethane	6.092	62	15589	5.354	ug/l #	92
37) Trichloroethene	7.129	130	9942	4.982	ug/l	94
38) Methylcyclohexane	7.385	83	11521	4.026	ug/l	97
39) 1,2-Dichloropropane	7.434	63	10825	5.267	ug/l	96
40) Dibromomethane	7.586	93	7978	5.359	ug/l	93
41) Bromodichloromethane	7.824	83	13295	4.921	ug/l	97
42) Vinyl Acetate	3.721	43	117047	25.019	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	15704	5.209	ug/l #	79
44) Isopropyl Acetate	6.342	43	24446m	5.084	ug/l	
45) 1,4-Dioxane	7.690	88	5565	101.966	ug/l #	1
46) Methyl methacrylate	7.696	41	11811	5.140	ug/l	93
47) n-amyl Acetate	10.842	43	18867	4.626	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	12857	4.338	ug/l	95
49) cis-1,3-Dichloropropene	8.366	75	14844	4.637	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	10755	5.322	ug/l	97
51) Ethyl methacrylate	9.116	69	15843	4.993	ug/l	96
52) 1,3-Dichloropropane	9.311	76	18458	5.412	ug/l	100
53) Dibromochloromethane	9.525	129	8961	4.393	ug/l	91
54) 1,2-Dibromoethane	9.610	107	11079	5.218	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	38992	22.850	ug/l	99
56) Bromoform	10.799	173	5976	4.211	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	78912	25.487	ug/l	98
59) 2-Hexanone	9.433	43	59453	25.240	ug/l	98
61) Tetrachloroethene	9.275	164	9017	5.028	ug/l	95
62) Toluene	8.720	91	41620	4.954	ug/l	99
64) Chlorobenzene	10.079	112	26124	4.995	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	8884	4.703	ug/l	93
66) Ethyl Benzene	10.195	91	43900	4.808	ug/l	99
67) m/p-Xylenes	10.305	106	33168	9.318	ug/l	98
68) o-Xylene	10.640	106	17376	4.919	ug/l	99
69) Styrene	10.659	104	26349	4.600	ug/l	99
70) Isopropylbenzene	10.963	105	39922	4.537	ug/l	96
71) 1,1,2,2-Tetrachloroethane	11.213	83	16248	5.060	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	14442m	4.853	ug/l	
73) Bromobenzene	11.201	156	10756	4.945	ug/l	99
74) n-propylbenzene	11.305	91	44905	4.336	ug/l	100
75) 2-Chlorotoluene	11.366	91	29772	4.728	ug/l	95
76) 1,3,5-Trimethylbenzene	11.451	105	34153	4.517	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	3528	3.610	ug/l	90
78) 4-Chlorotoluene	11.457	91	33458	4.666	ug/l	99
79) tert-butylbenzene	11.713	119	31124	4.337	ug/l	99
80) 1,2,4-Trimethylbenzene	11.756	105	33899	4.525	ug/l	99
81) sec-Butylbenzene	11.890	105	37264	4.126	ug/l	98
82) p-Isopropyltoluene	12.012	119	30233	4.023	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	19150	4.734	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	18539	4.599	ug/l	95
85) n-Butylbenzene	12.335	91	24998	3.654	ug/l	99
86) Hexachloroethane	12.542	117	4902	3.940	ug/l	93
87) 1,2-Dichlorobenzene	12.335	146	18906	4.659	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	3093	4.283	ug/l	94
89) 1,2,4-Trichlorobenzene	13.591	180	10569	4.130	ug/l	98
90) Hexachlorobutadiene	13.725	225	3734	4.017	ug/l	97
91) Naphthalene	13.774	128	40122	4.469	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	11357	4.397	ug/l	99

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

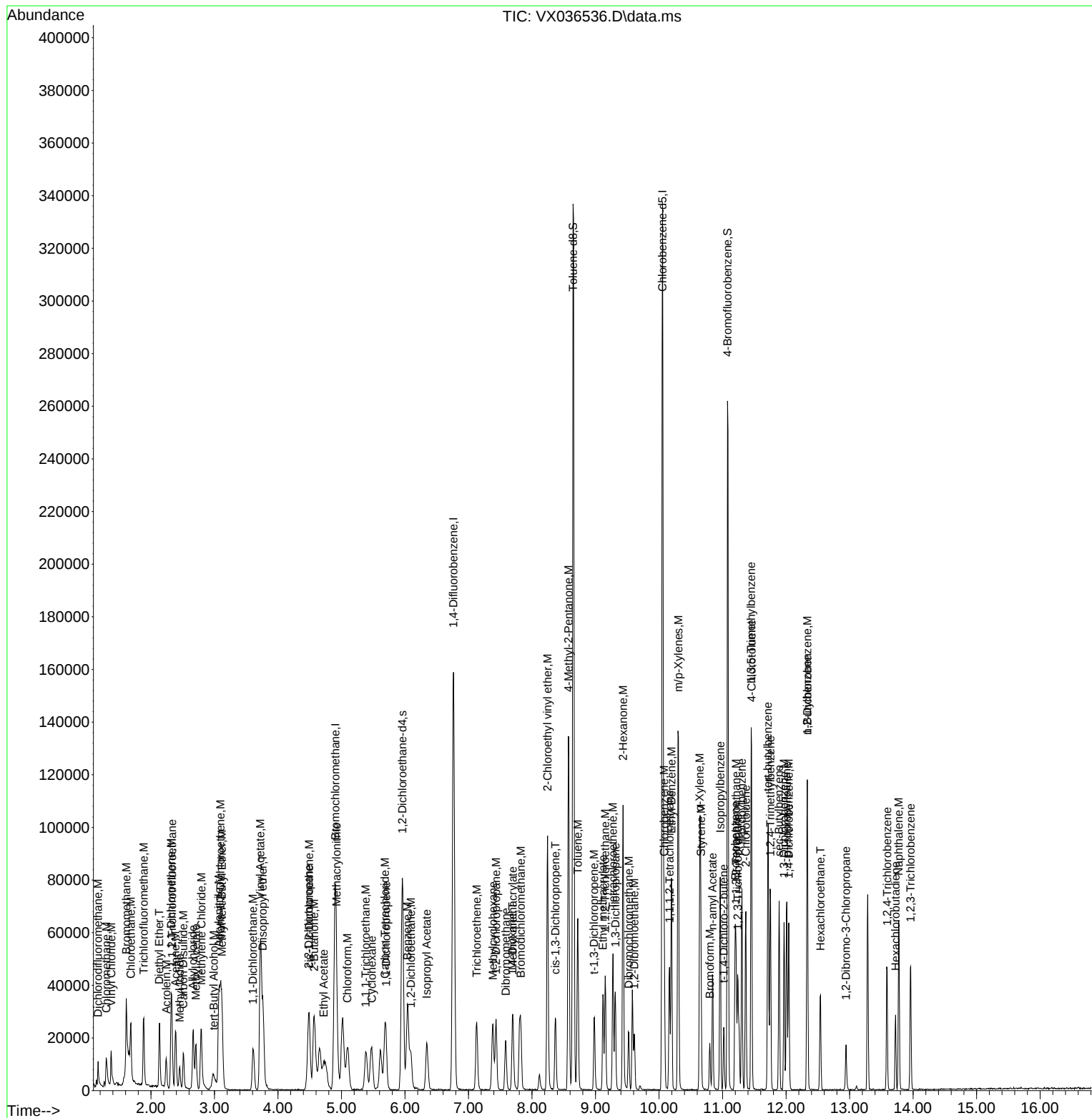
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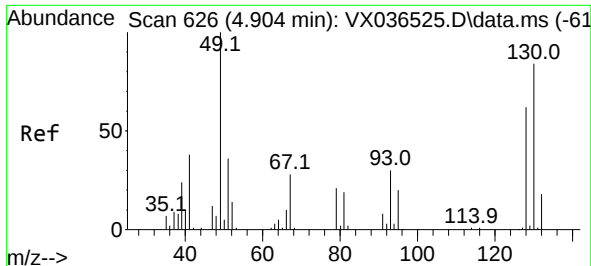
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MSVOA_X
ClientSampleId :
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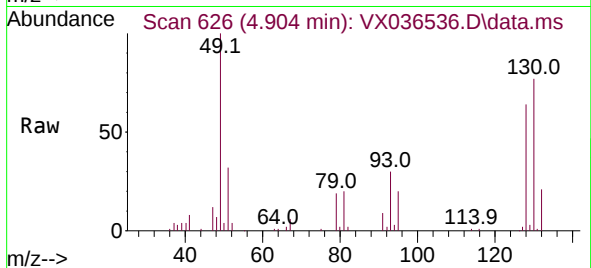
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

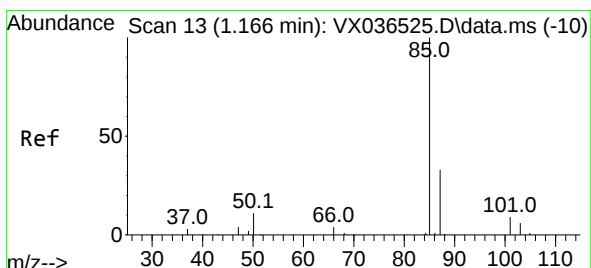
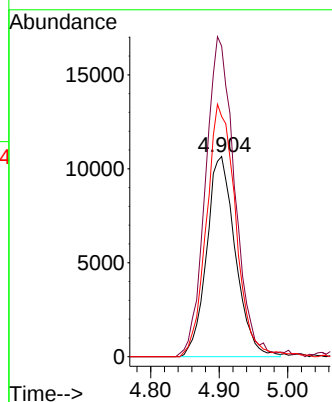
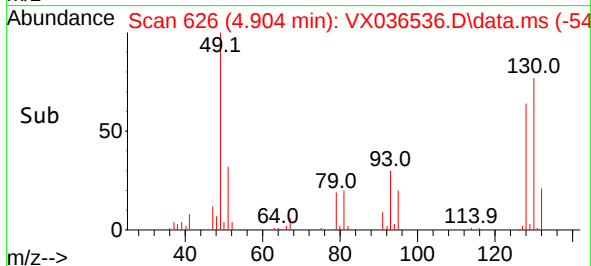
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:128 Resp: 3098
Ion Ratio Lower Upper
128 100
49 160.5 0.0 406.3
130 127.5 0.0 328.0

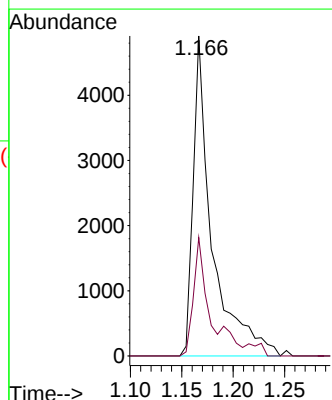
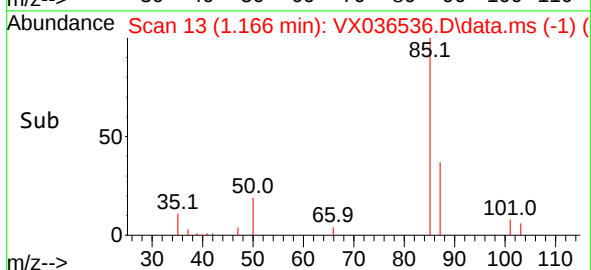
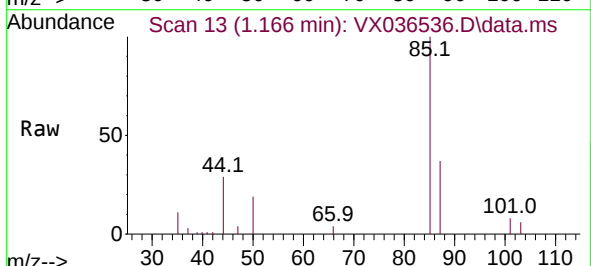
Manual Integrations
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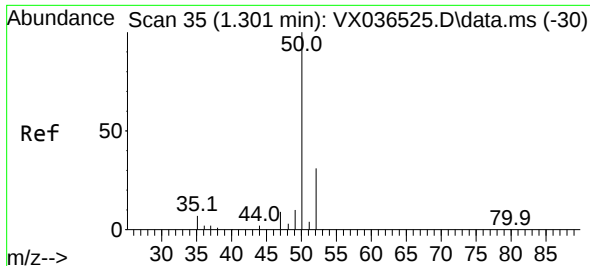
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#2
Dichlorodifluoromethane
Concen: 3.607 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

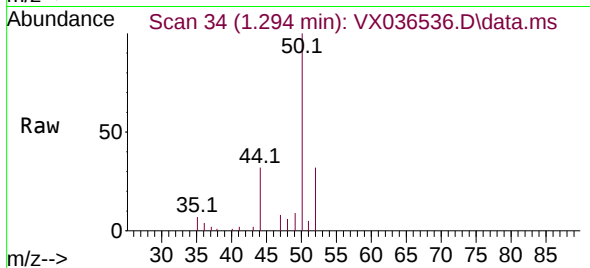
Tgt Ion: 85 Resp: 6244
Ion Ratio Lower Upper
85 100
87 37.0 16.4 49.4





#3
Chloromethane
Concen: 4.351 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

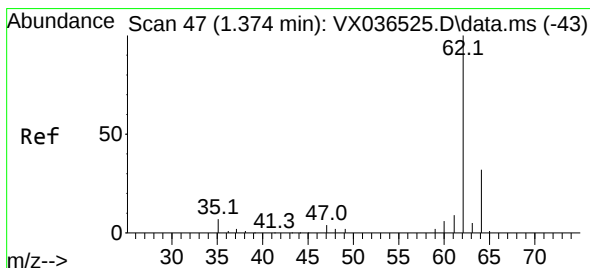
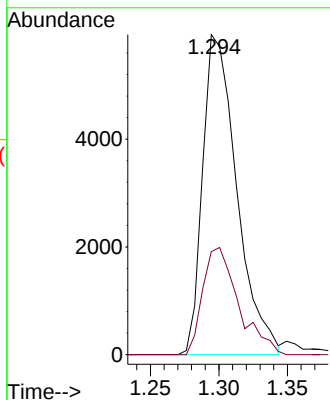
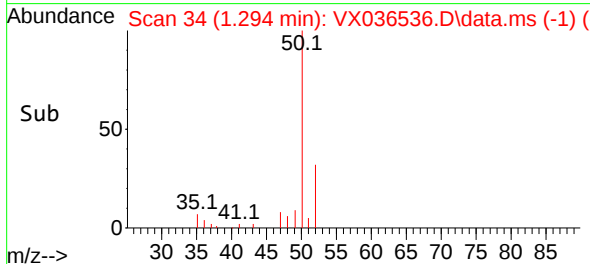
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 50 Resp: 1030
Ion Ratio Lower Upper
50 100
52 32.2 24.5 36.7

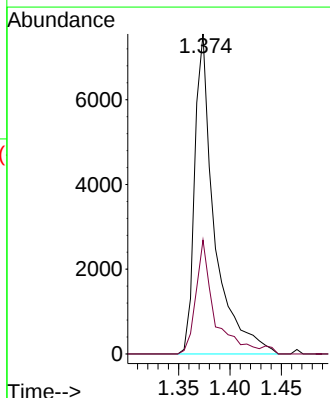
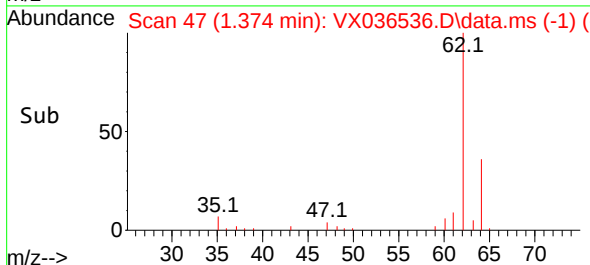
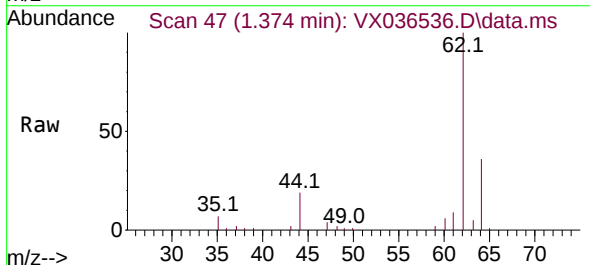
Manual Integrations
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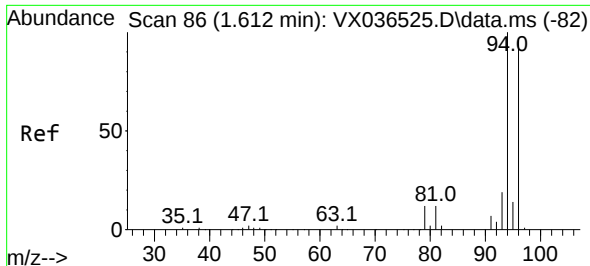
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#4
Vinyl Chloride
Concen: 4.140 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

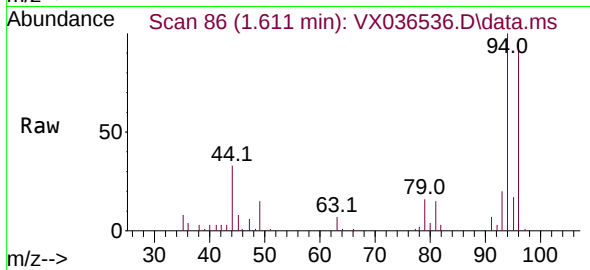
Tgt Ion: 62 Resp: 10111
Ion Ratio Lower Upper
62 100
64 35.6 25.3 37.9





#5
Bromomethane
Concen: 4.575 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

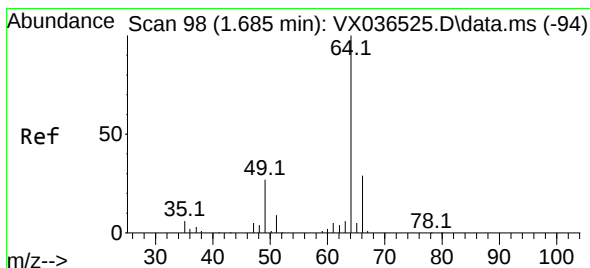
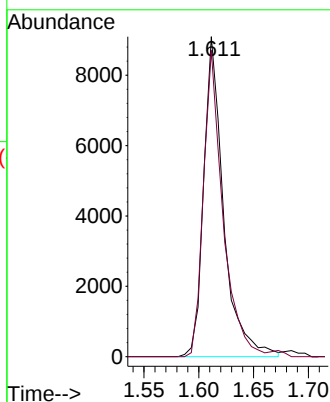
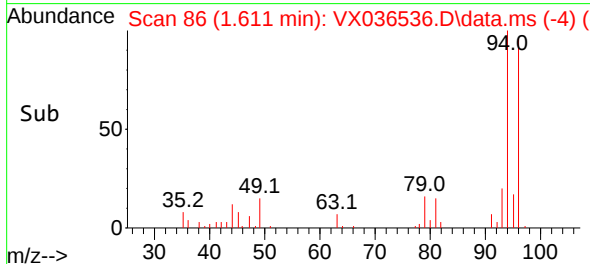
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 1144
Ion Ratio Lower Upper
94 100
96 95.7 77.4 116.2

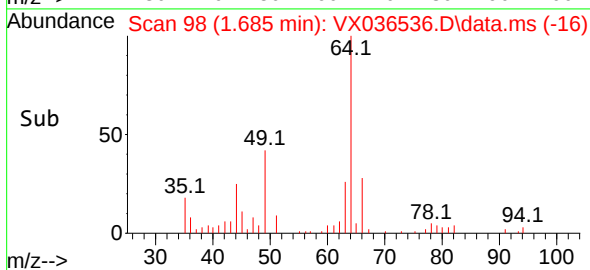
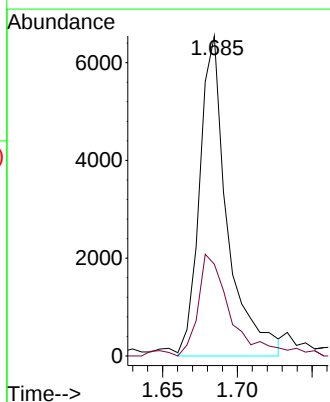
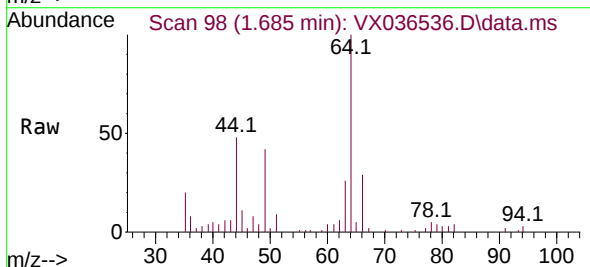
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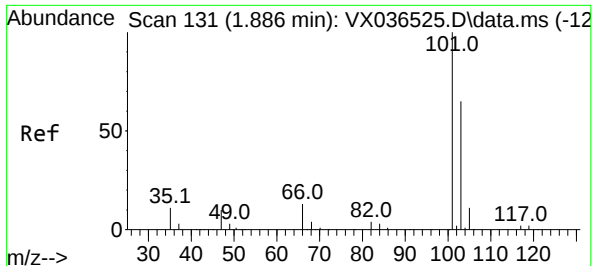
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#6
Chloroethane
Concen: 5.077 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

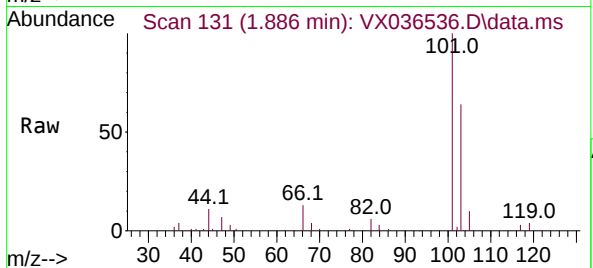
Tgt Ion: 64 Resp: 8441
Ion Ratio Lower Upper
64 100
66 28.9 23.1 34.7





#7
 Trichlorofluoromethane
 Concen: 4.116 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036536.D
 Acq: 13 Jul 2023 19:28

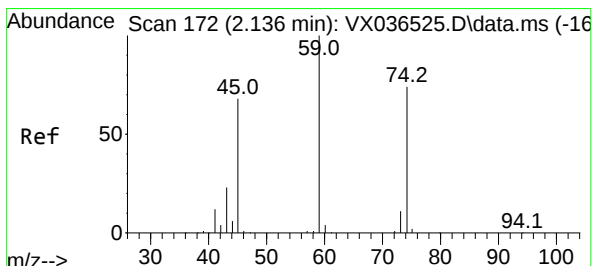
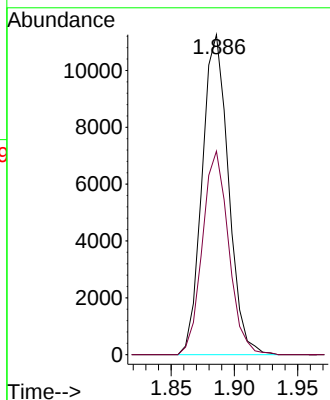
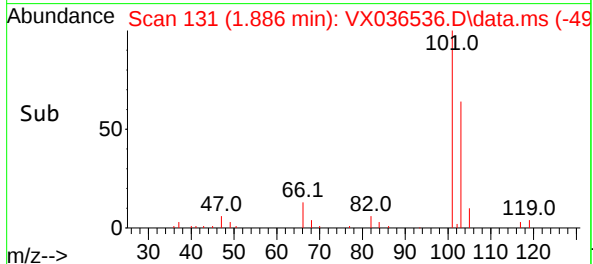
Instrument : MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2023



Tgt Ion:101 Resp: 16310
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.2 78.2

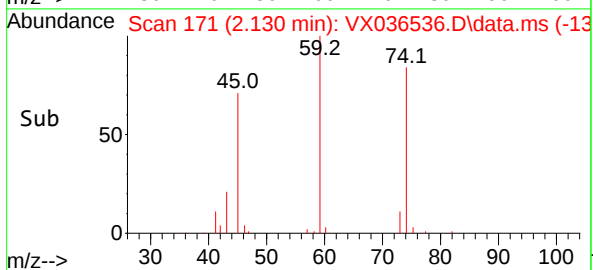
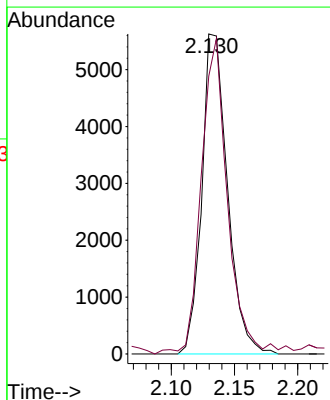
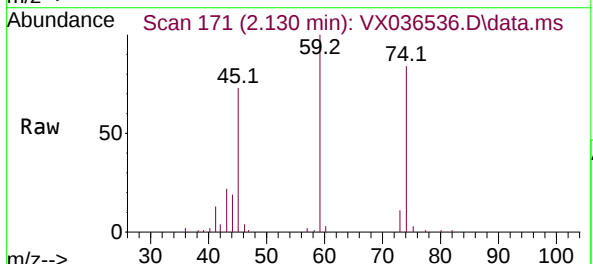
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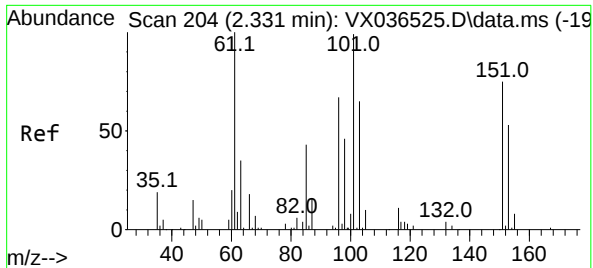
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023



#8
 Diethyl Ether
 Concen: 4.847 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX036536.D
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Tgt Ion: 74 Resp: 7980
 Ion Ratio Lower Upper
 74 100
 45 98.3 19.9 178.9





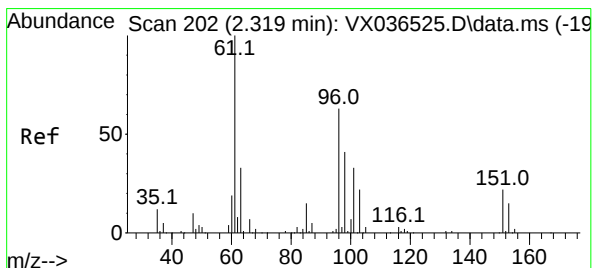
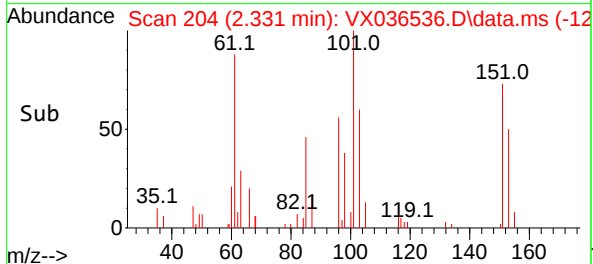
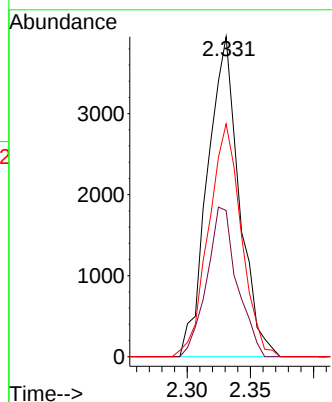
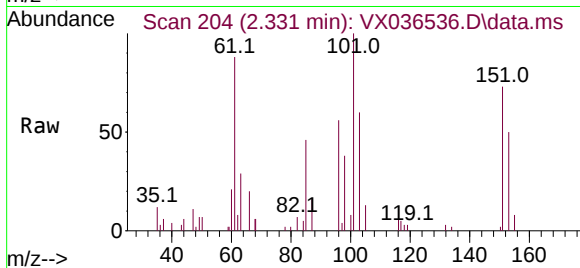
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.848 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

Tgt Ion:101 Resp: 6904
Ion Ratio Lower Upper
101 100
85 44.6 0.0 91.0
151 74.7 0.0 155.4

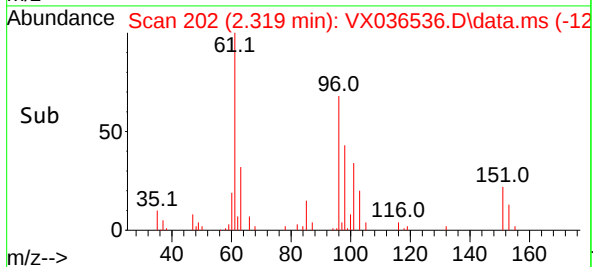
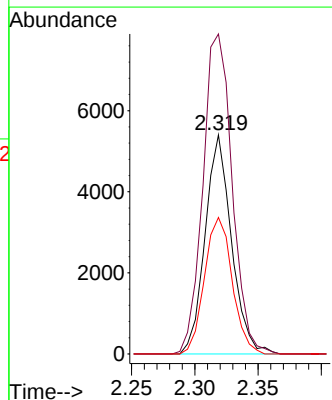
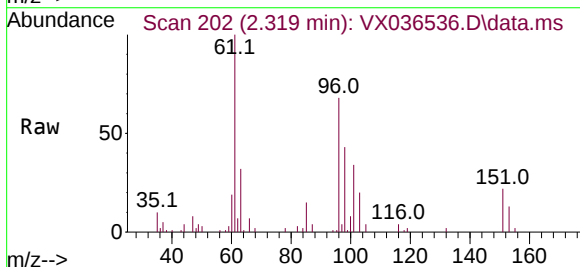
Manual Integrations
APPROVED

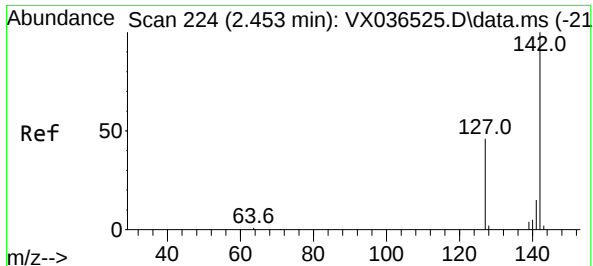
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#10
1,1-Dichloroethene
Concen: 4.329 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

Tgt Ion: 96 Resp: 7850
Ion Ratio Lower Upper
96 100
61 146.1 127.2 190.8
98 62.3 52.7 79.1





#11

Methyl Iodide

Concen: 4.189 ug/l

RT: 2.453 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

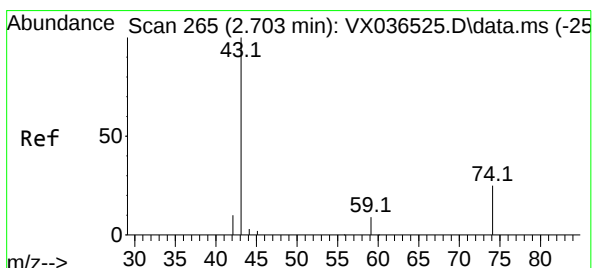
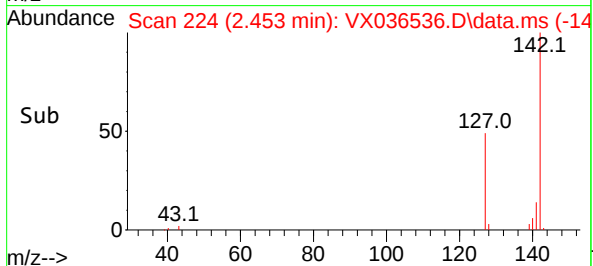
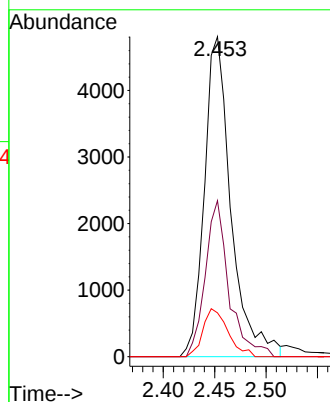
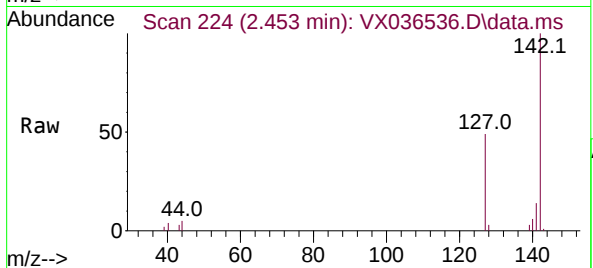
Tgt Ion:	142	Resp:	865
Ion	Ratio	Lower	Upper
142	100		
127	49.6	22.9	68.8
141	13.9	7.5	22.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#12

Methyl Acetate

Concen: 4.708 ug/l

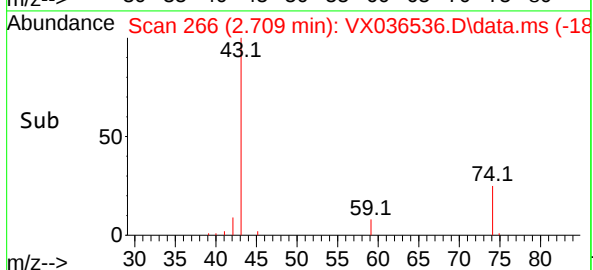
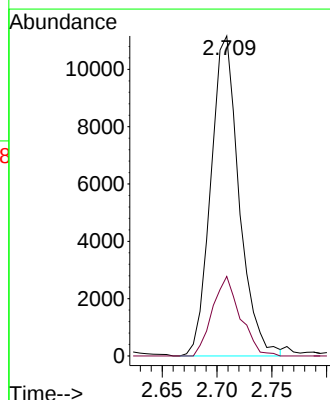
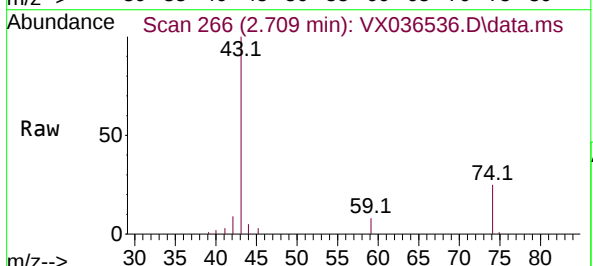
RT: 2.709 min Scan# 266

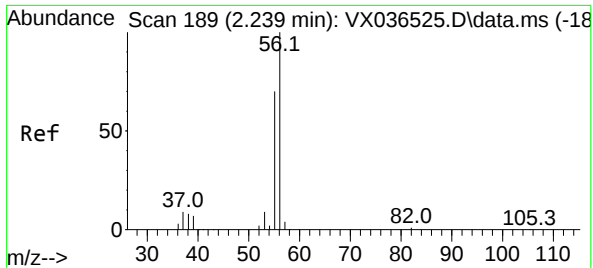
Delta R.T. 0.006 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

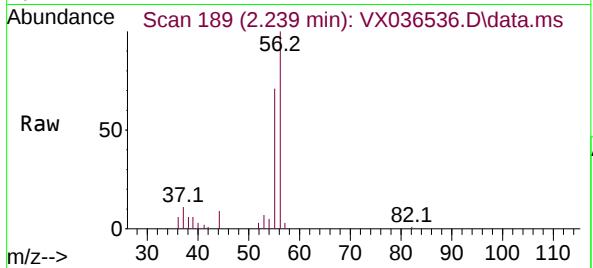
Tgt Ion:	43	Resp:	20068
Ion	Ratio	Lower	Upper
43	100		
74	25.1	20.3	30.5





#13
Acrolein
Concen: 25.379 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

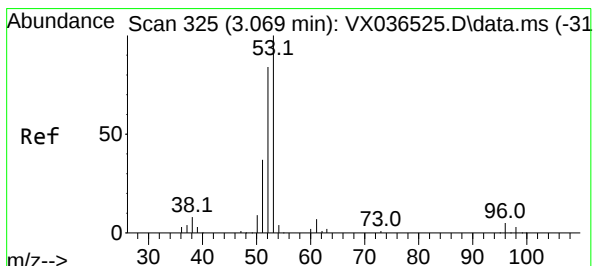
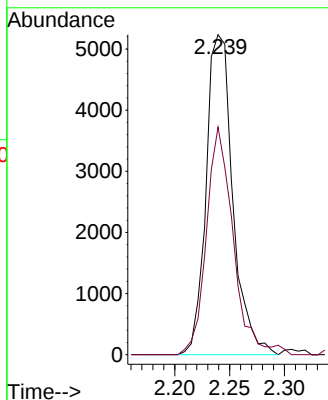
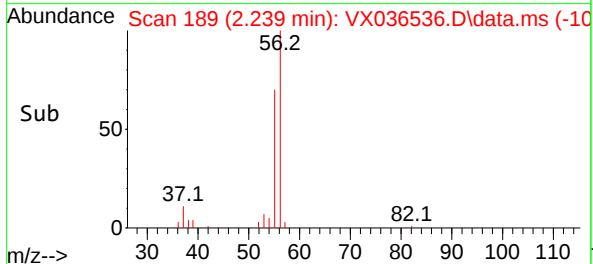
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 56 Resp: 8874
Ion Ratio Lower Upper
56 100
55 70.4 59.7 89.5

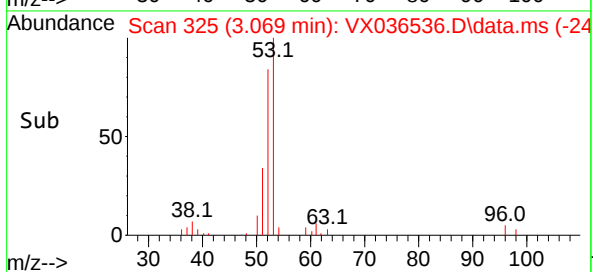
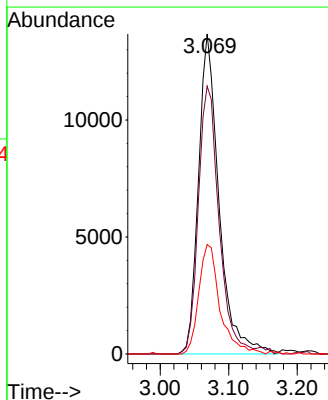
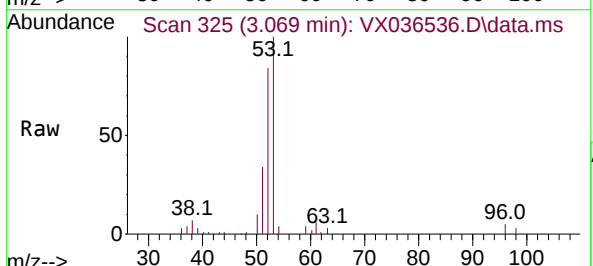
Manual Integrations
APPROVED

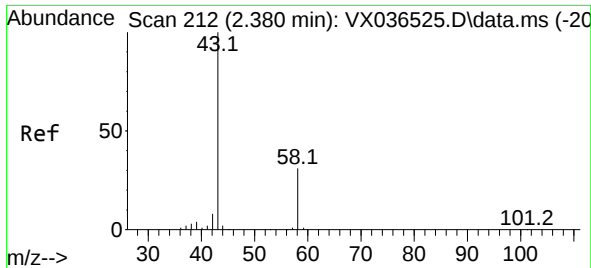
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#14
Acrylonitrile
Concen: 23.931 ug/l
RT: 3.069 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

Tgt Ion: 53 Resp: 28591
Ion Ratio Lower Upper
53 100
52 84.0 40.0 119.9
51 34.7 18.2 54.6





#15

Acetone

Concen: 23.849 ug/l

RT: 2.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion: 58 Resp: 806

Ion Ratio Lower Upper

58 100

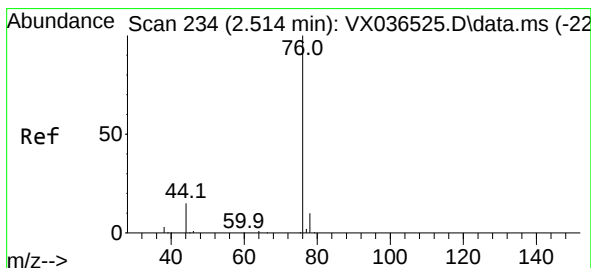
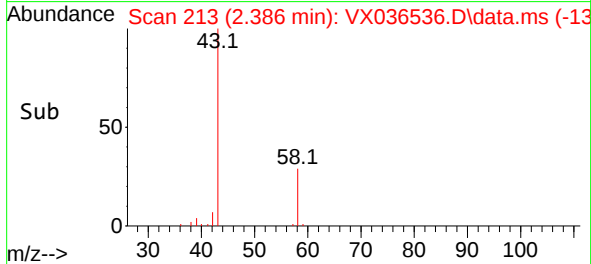
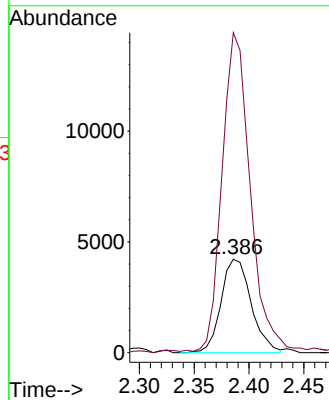
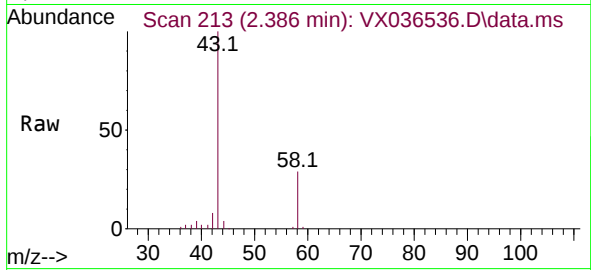
43 341.4 261.0 391.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#16

Carbon Disulfide

Concen: 4.024 ug/l

RT: 2.508 min Scan# 233

Delta R.T. -0.006 min

Lab File: VX036536.D

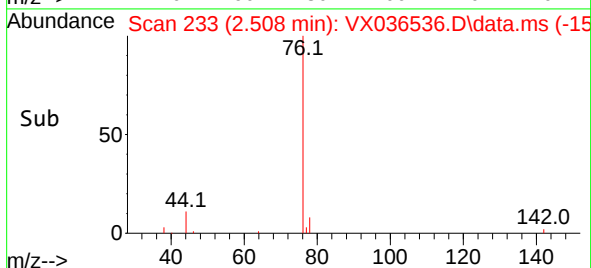
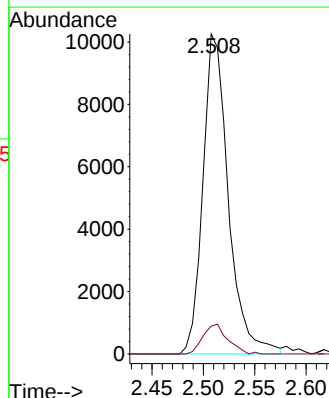
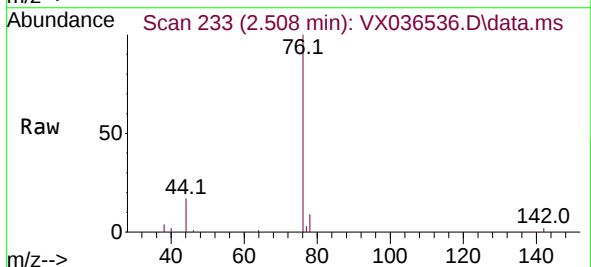
Acq: 13 Jul 2023 19:28

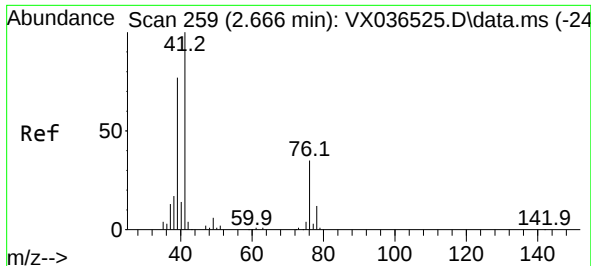
Tgt Ion: 76 Resp: 17704

Ion Ratio Lower Upper

76 100

78 8.7 8.0 12.0





#17

Allyl chloride

Concen: 4.404 ug/l

RT: 2.660 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

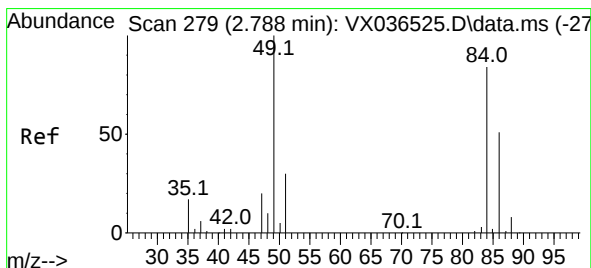
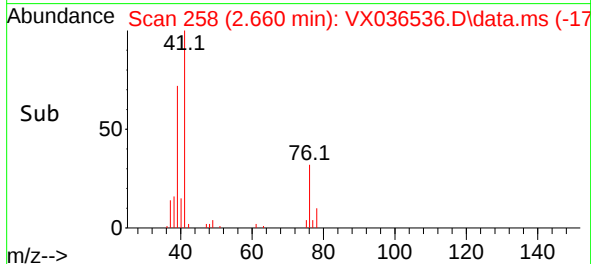
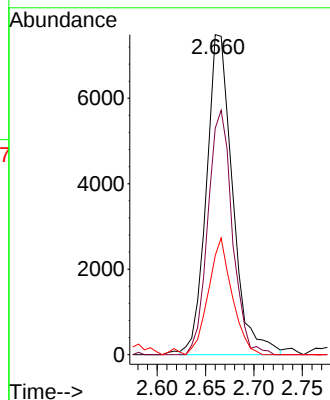
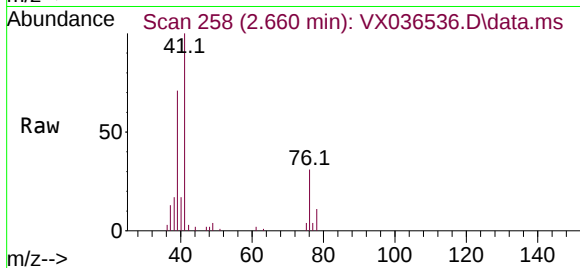
Tgt Ion: 41	Resp: 1416
Ion Ratio	Lower Upper
41 100	
39 71.5	38.5 115.3
76 31.3	18.6 55.8

Manual Integrations

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Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#18

Methylene Chloride

Concen: 5.184 ug/l

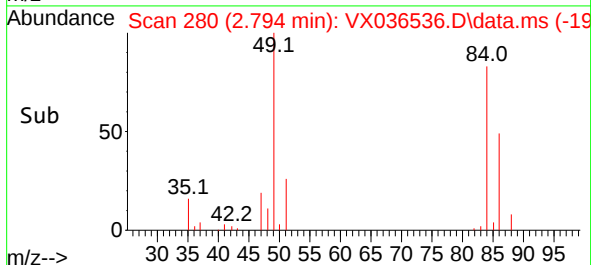
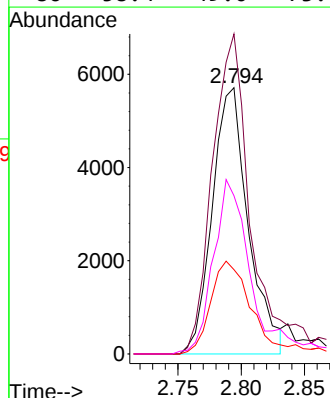
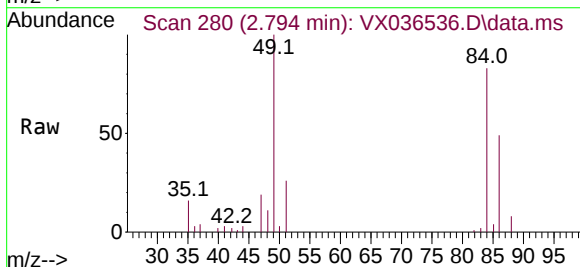
RT: 2.794 min Scan# 280

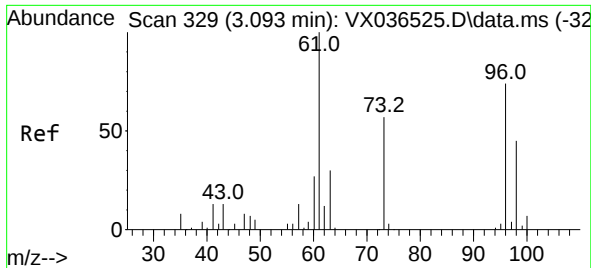
Delta R.T. 0.006 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

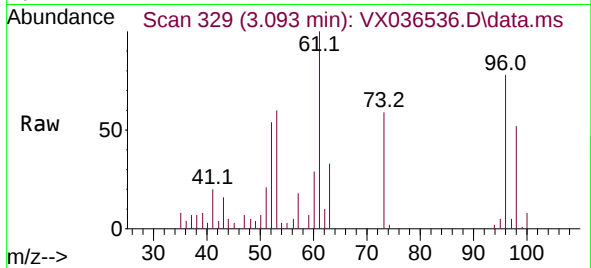
Tgt Ion: 84	Resp: 11320
Ion Ratio	Lower Upper
84 100	
49 120.2	95.4 143.0
51 31.7	28.3 42.5
86 58.4	49.0 73.6





#19
trans-1,2-Dichloroethene
Concen: 4.528 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

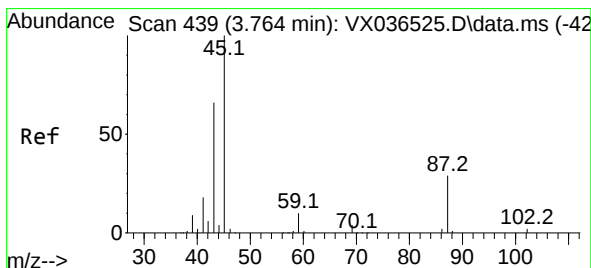
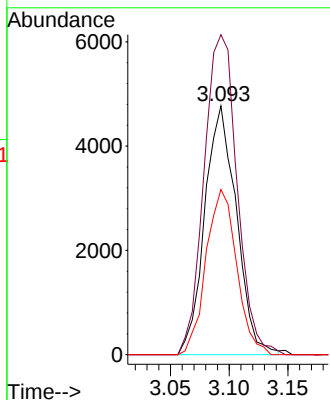
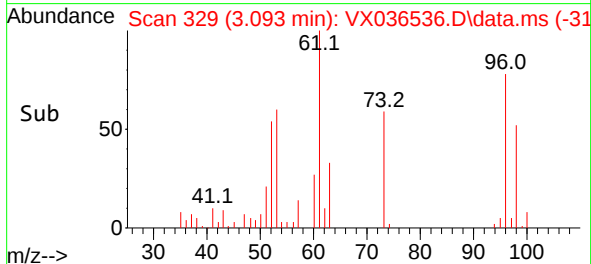
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023



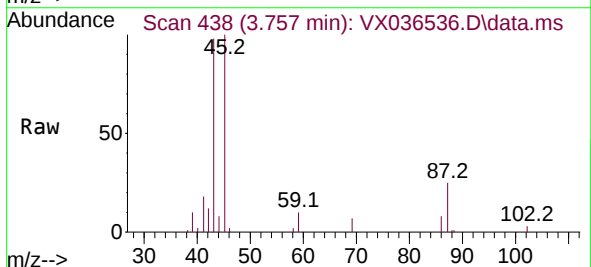
Tgt Ion: 96 Resp: 897
Ion Ratio Lower Upper
96 100
61 128.6 108.7 163.1
98 66.4 49.1 73.7

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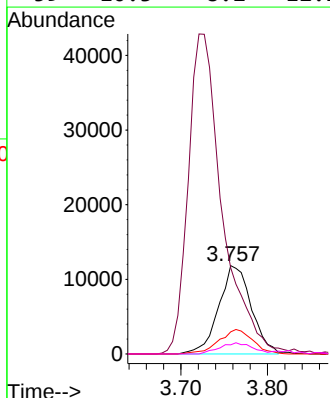
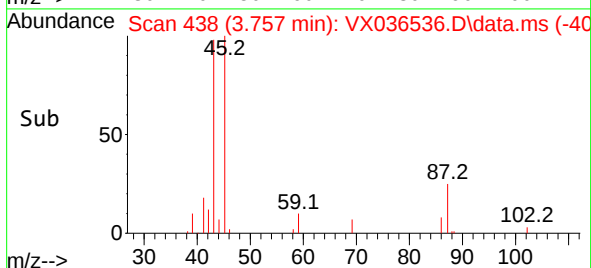
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

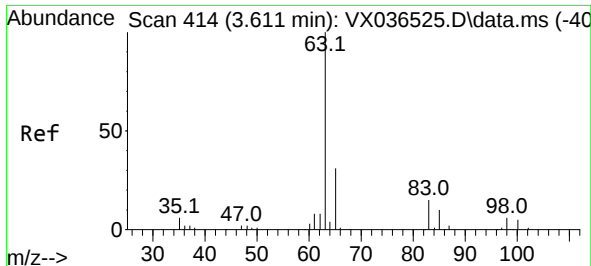


#20
Diisopropyl ether
Concen: 4.704 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28



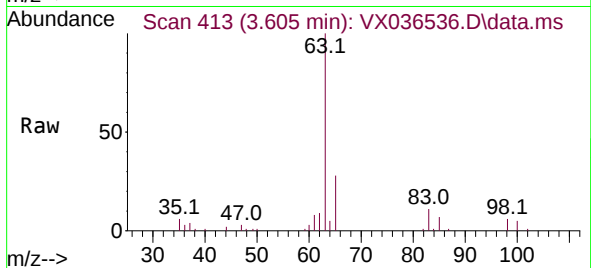
Tgt Ion: 45 Resp: 30840
Ion Ratio Lower Upper
45 100
43 91.0 55.8 83.6#
87 24.9 23.0 34.4
59 10.3 8.2 12.2





#21
1,1-Dichloroethane
Concen: 4.596 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

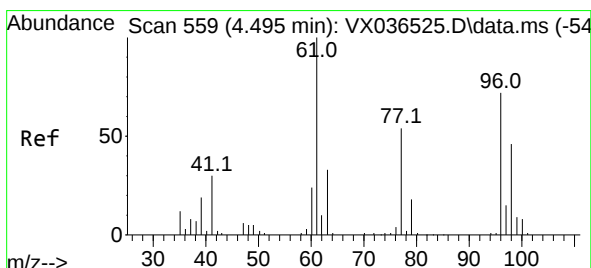
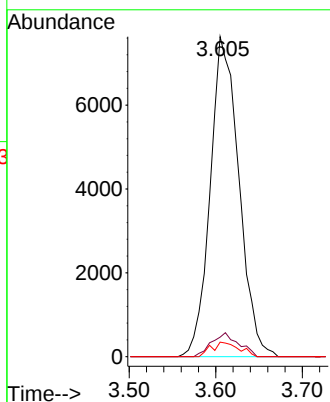
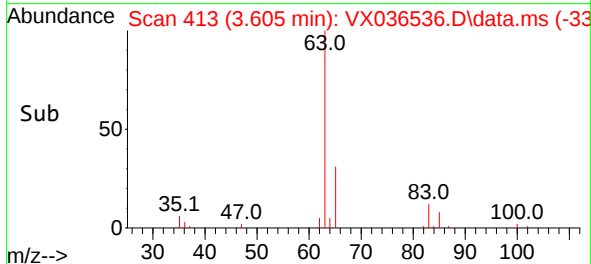
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2023



Tgt Ion: 63 Resp: 1756
Ion Ratio Lower Upper
63 100
98 6.1 3.2 9.6
100 4.6 2.3 6.8

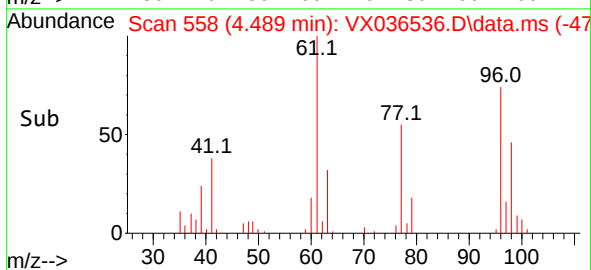
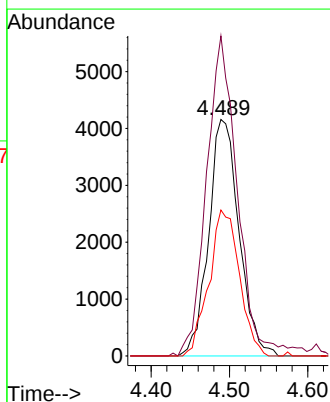
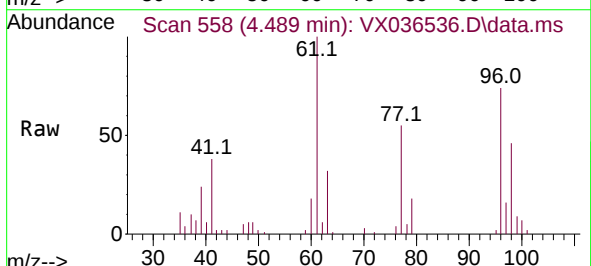
Manual Integrations
APPROVED

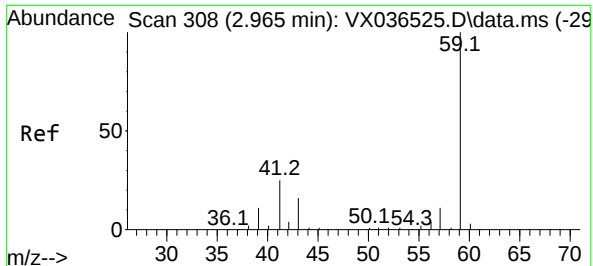
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#22
cis-1,2-Dichloroethene
Concen: 4.693 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

Tgt Ion: 96 Resp: 11194
Ion Ratio Lower Upper
96 100
61 136.6 114.0 171.0
98 61.9 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 24.578 ug/l m

RT: 2.989 min Scan# 312

Delta R.T. 0.024 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion: 59 Resp: 1363

Ion Ratio Lower Upper

59 100

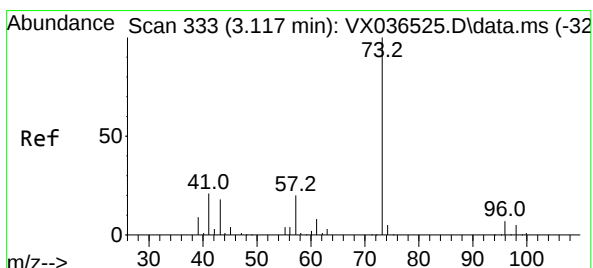
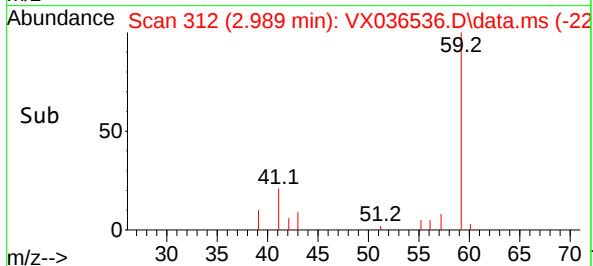
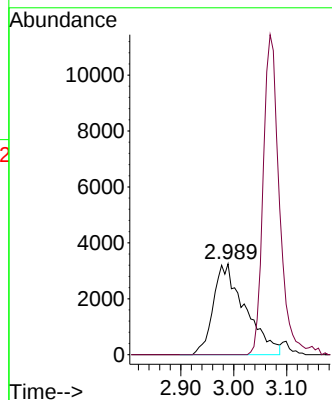
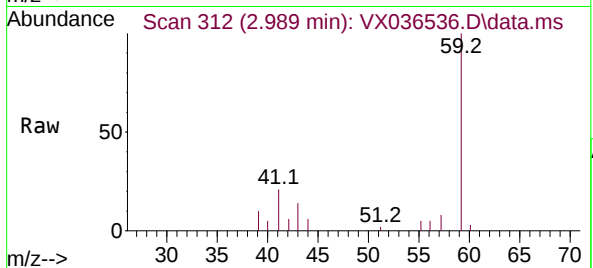
52 0.0 142.6 213.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#24

Methyl tert-Butyl Ether

Concen: 4.763 ug/l

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX036536.D

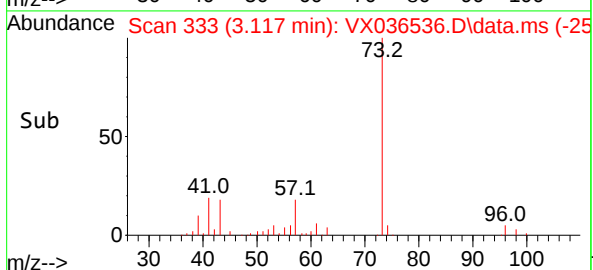
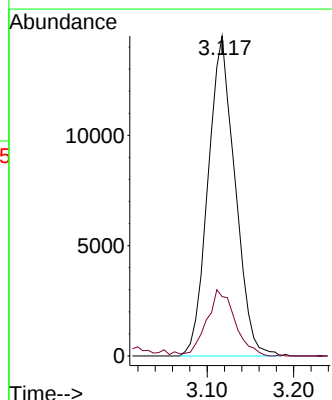
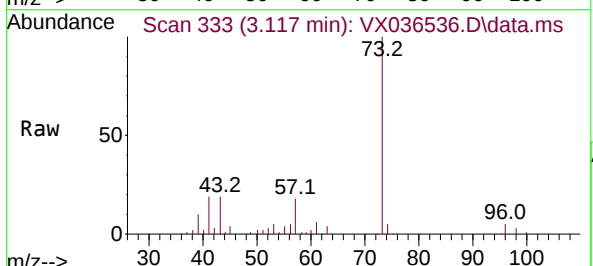
Acq: 13 Jul 2023 19:28

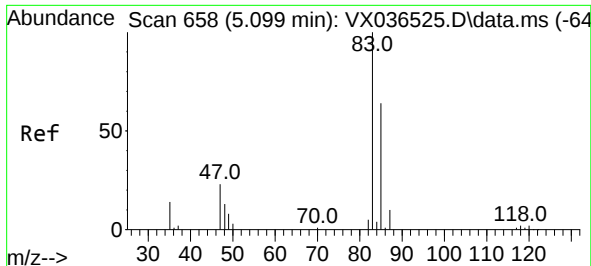
Tgt Ion: 73 Resp: 31407

Ion Ratio Lower Upper

73 100

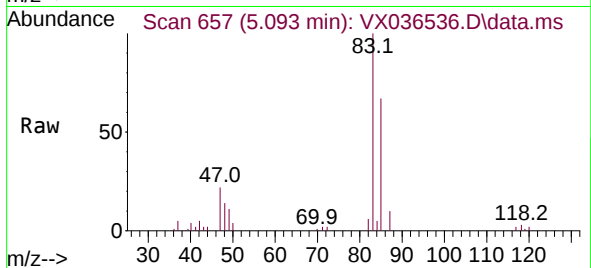
43 21.7 16.8 25.2





#25
Chloroform
Concen: 4.712 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

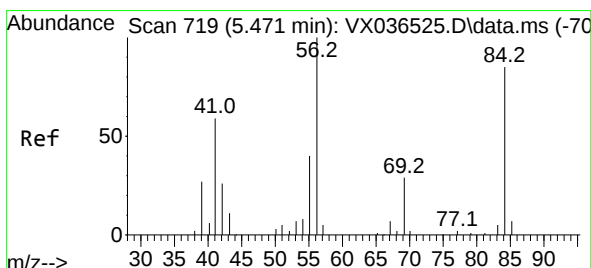
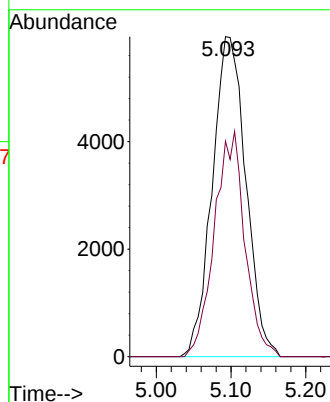
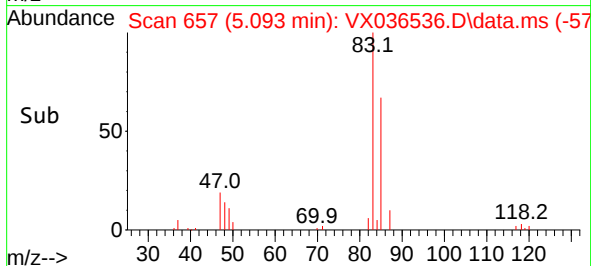
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 83 Resp: 1862
Ion Ratio Lower Upper
83 100
85 67.3 51.5 77.3

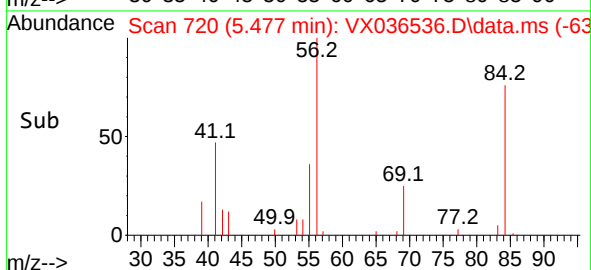
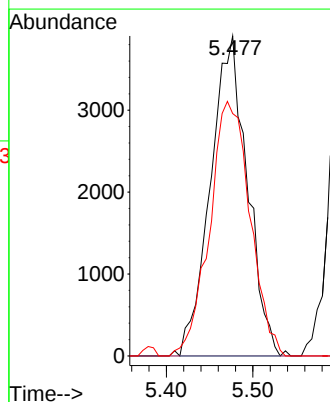
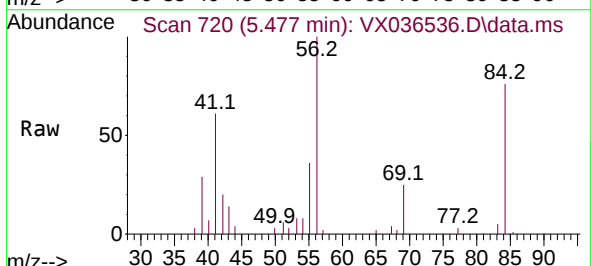
Manual Integrations
APPROVED

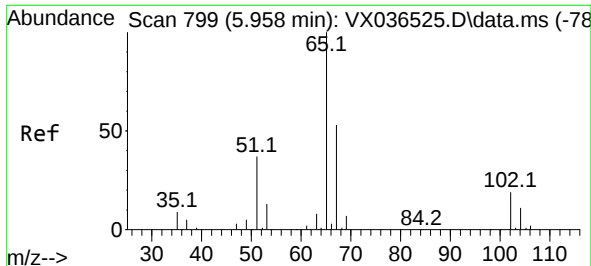
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#26
Cyclohexane
Concen: 3.929 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

Tgt Ion: 56 Resp: 11521
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.4 71.4 107.2





#27

1,2-Dichloroethane-d4

Concen: 29.498 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion: 65 Resp: 7586

Ion Ratio Lower Upper

65 100

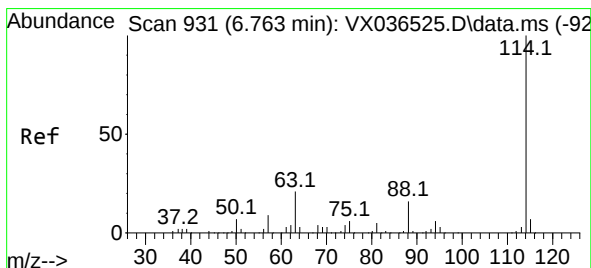
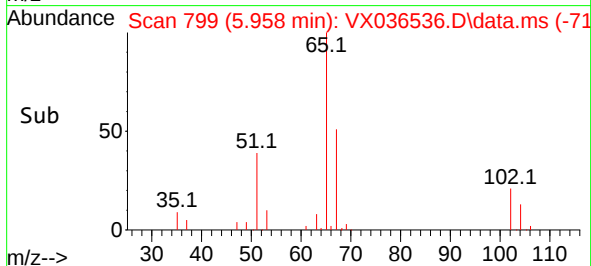
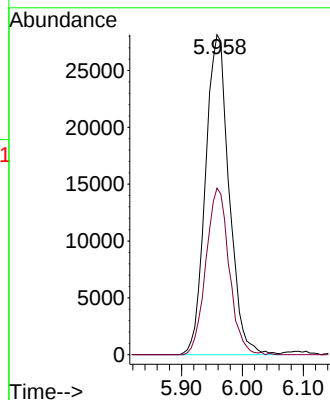
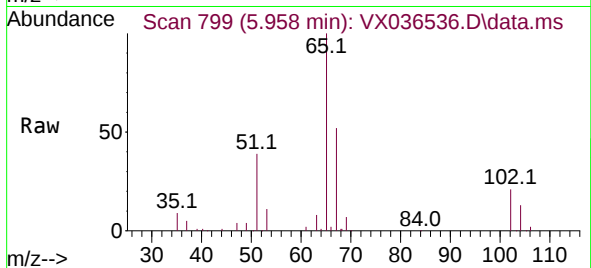
67 50.9 42.1 63.1

Manual Integrations

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Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

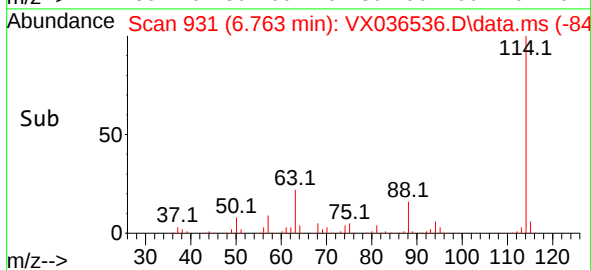
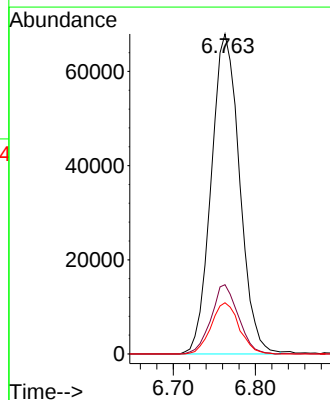
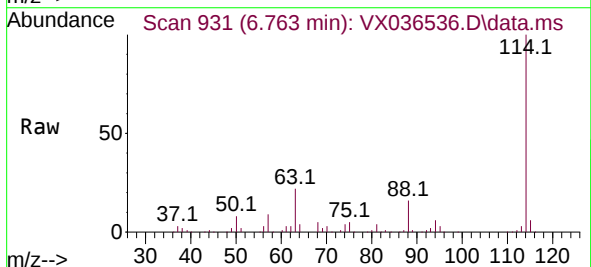
Tgt Ion:114 Resp: 163129

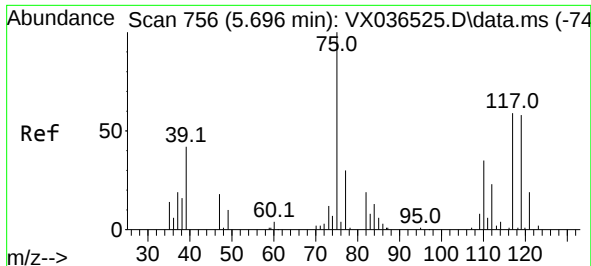
Ion Ratio Lower Upper

114 100

63 20.8 16.6 24.8

88 15.8 12.9 19.3





#29

1,1-Dichloropropene

Concen: 4.316 ug/l

RT: 5.702 min Scan# 756

Delta R.T. 0.006 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

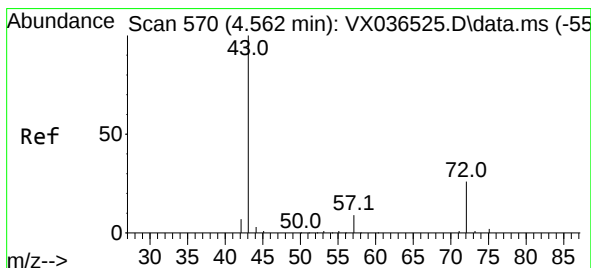
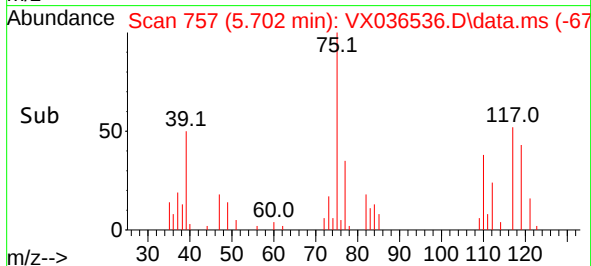
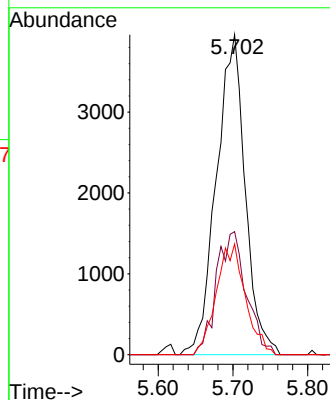
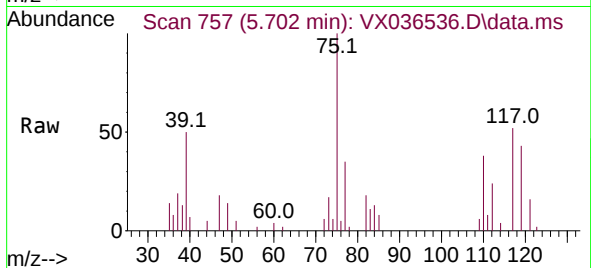
LOQ-WATER-02-QT3-2023

Tgt Ion: 75	Resp: 1061
Ion Ratio	Lower Upper
75 100	
110 23.9	0.0 70.4
77 34.9	0.0 62.8

Manual Integrations
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Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#30

2-Butanone

Concen: 26.103 ug/l

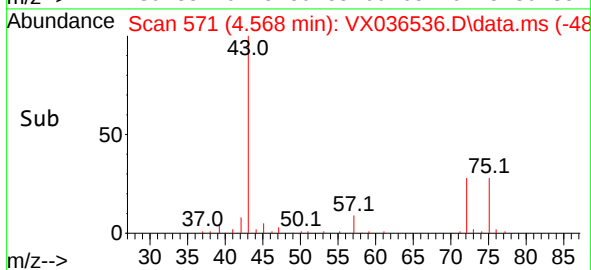
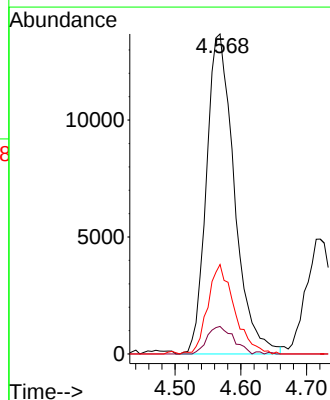
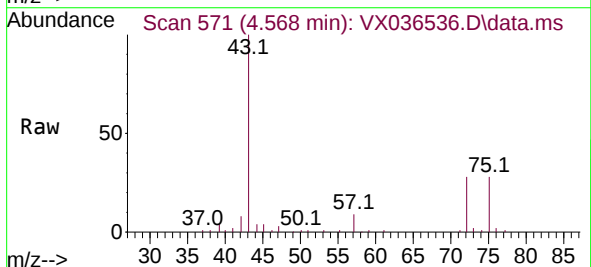
RT: 4.568 min Scan# 571

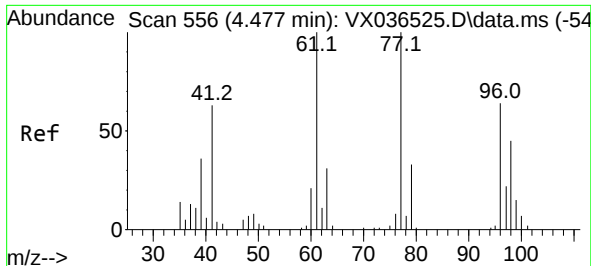
Delta R.T. 0.006 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

Tgt Ion: 43	Resp: 40430
Ion Ratio	Lower Upper
43 100	
57 8.1	6.4 9.6
72 26.5	21.6 32.4





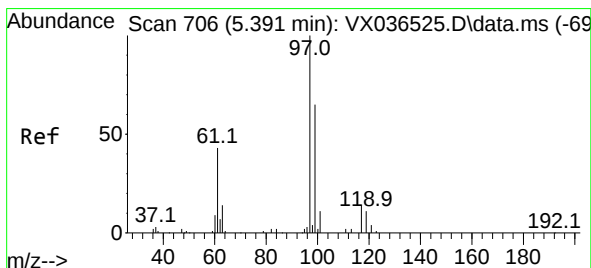
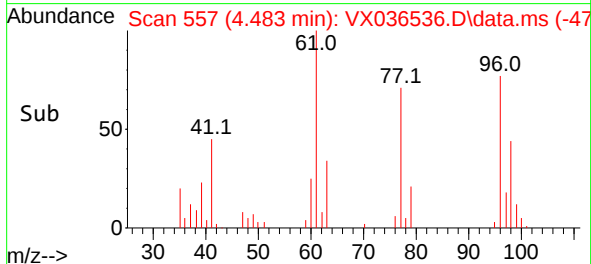
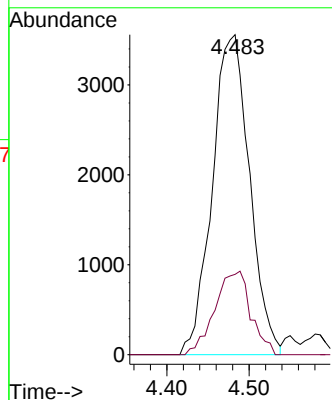
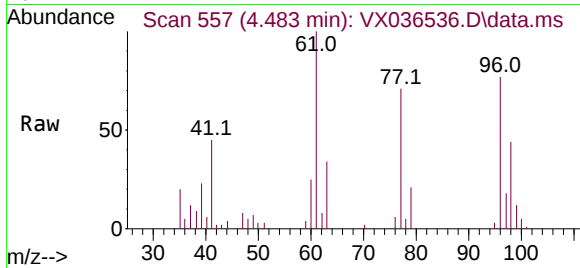
#31
2,2-Dichloropropane
Concen: 4.155 ug/l
RT: 4.483 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

Tgt Ion: 77 Resp: 11209
Ion Ratio Lower Upper
77 100
97 25.2 18.6 27.8

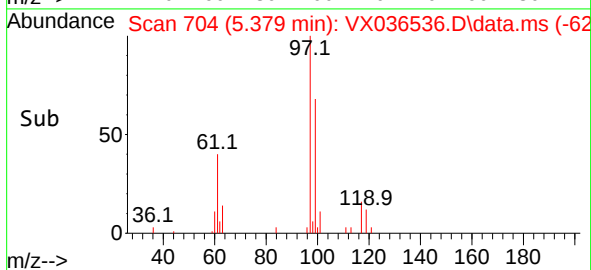
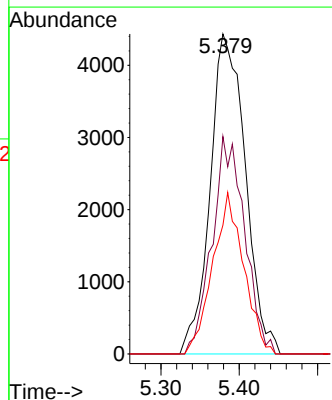
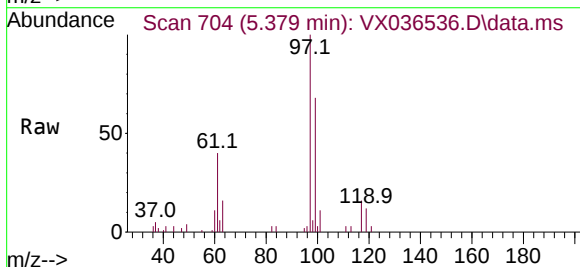
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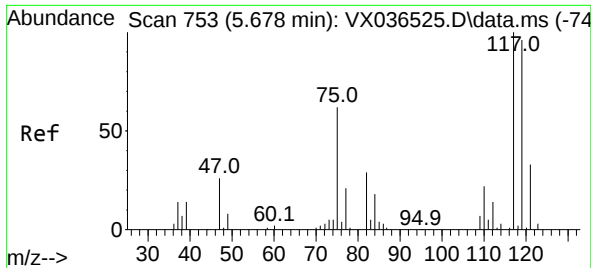
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#32
1,1,1-Trichloroethane
Concen: 4.738 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

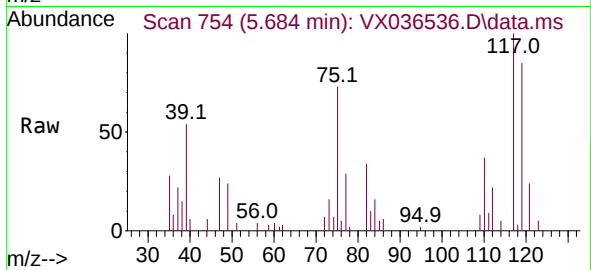
Tgt Ion: 97 Resp: 13850
Ion Ratio Lower Upper
97 100
99 62.9 51.5 77.3
61 44.3 35.8 53.8





#33
Carbon Tetrachloride
Concen: 4.286 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

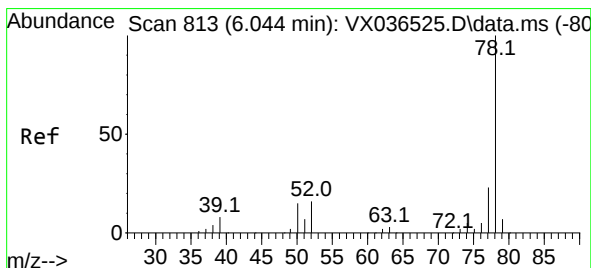
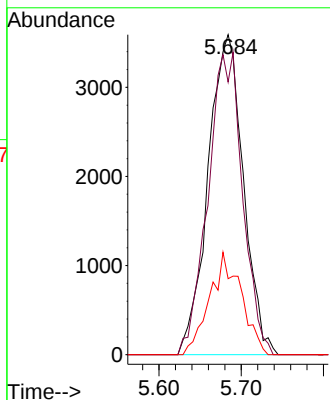
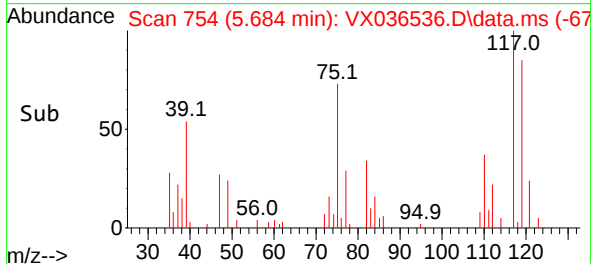
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2023



Tgt Ion:117 Resp: 10689
Ion Ratio Lower Upper
117 100
119 85.2 76.6 115.0
121 23.7 26.5 39.7

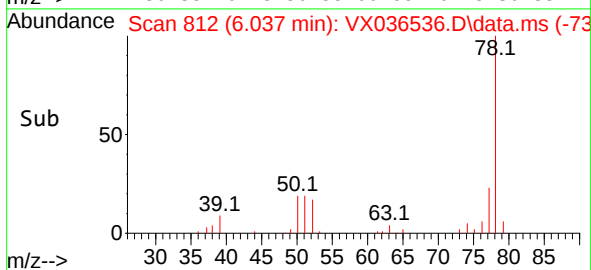
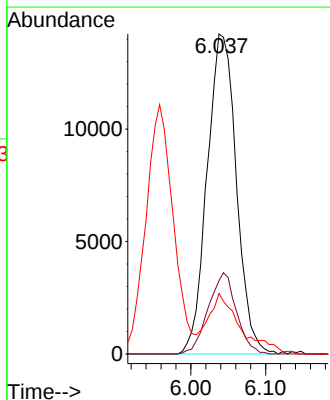
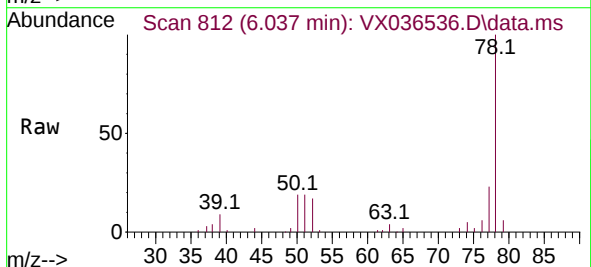
Manual Integrations
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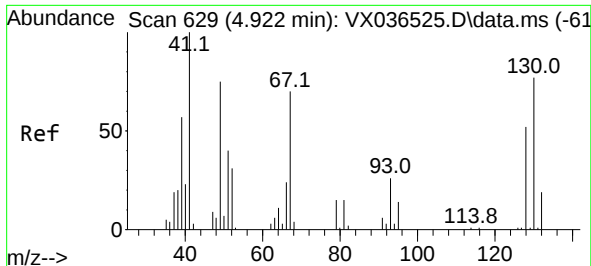
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#34
Benzene
Concen: 5.113 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

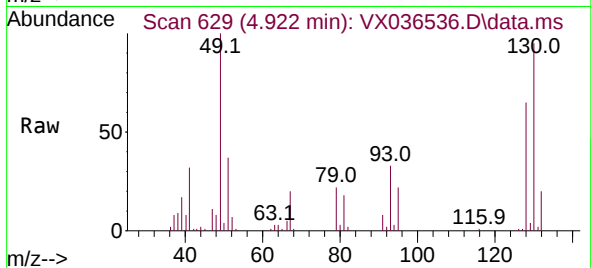
Tgt Ion: 78 Resp: 38767
Ion Ratio Lower Upper
78 100
77 22.9 18.7 28.1
51 17.0 14.2 21.4





#35
Methacrylonitrile
Concen: 5.081 ug/l m
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

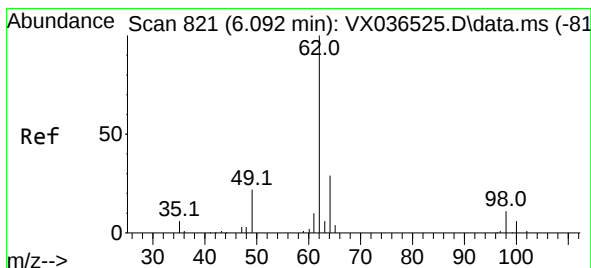
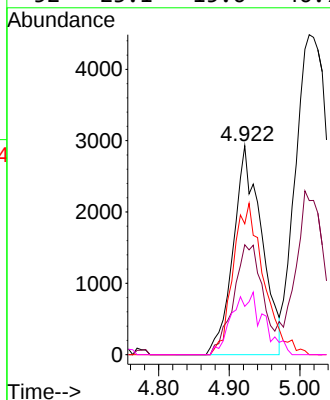
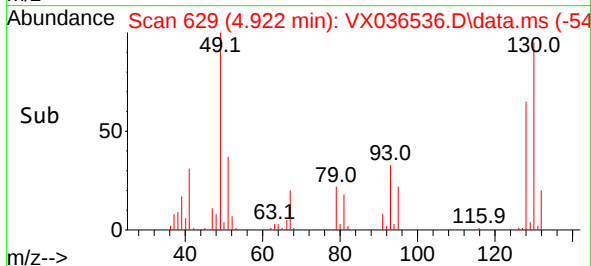
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 41 Resp: 816
Ion Ratio Lower Upper
41 100
39 52.6 28.2 84.7
67 62.6 35.0 105.1
52 23.1 15.6 46.7

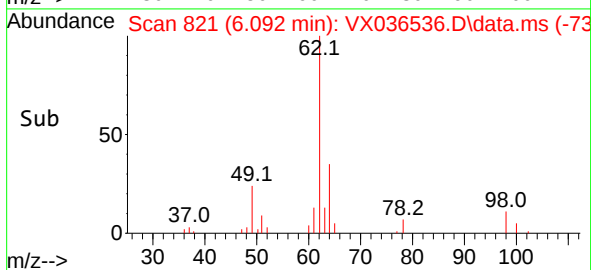
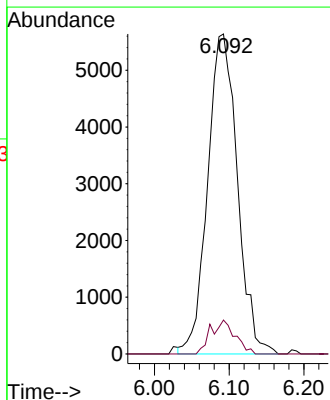
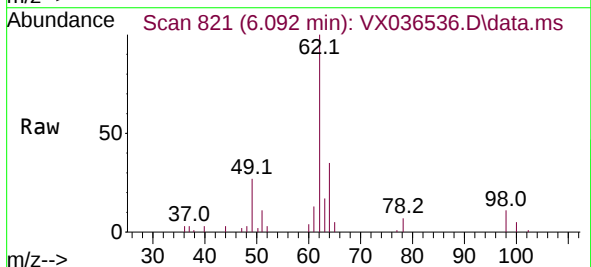
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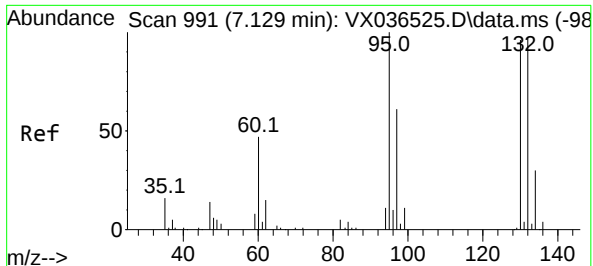
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#36
1,2-Dichloroethane
Concen: 5.354 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

Tgt Ion: 62 Resp: 15589
Ion Ratio Lower Upper
62 100
98 6.0 7.0 10.6#





#37

Trichloroethene

Concen: 4.982 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion:130 Resp: 994

Ion Ratio Lower Upper

130 100

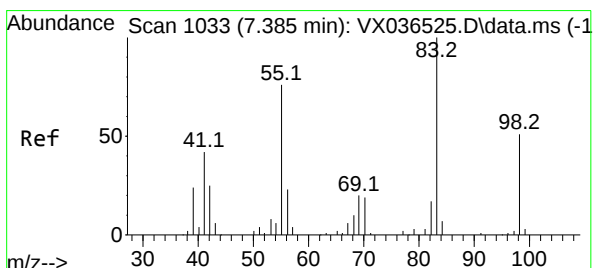
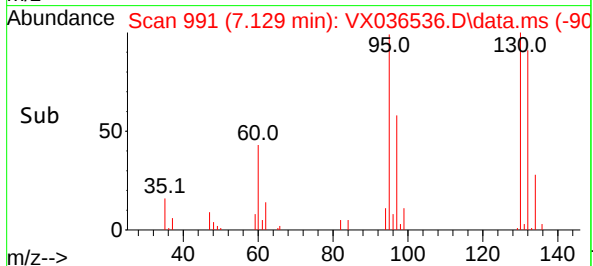
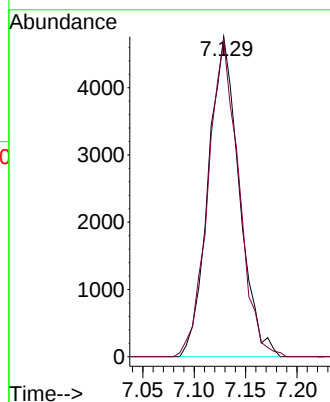
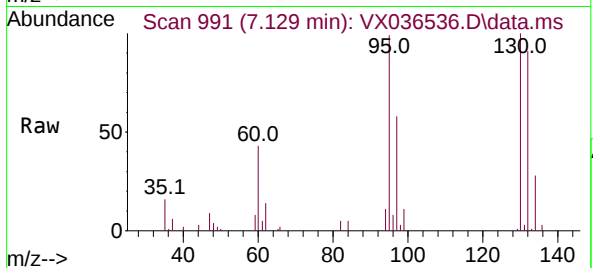
95 97.9 83.2 124.8

Manual Integrations

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Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#38

Methylcyclohexane

Concen: 4.026 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

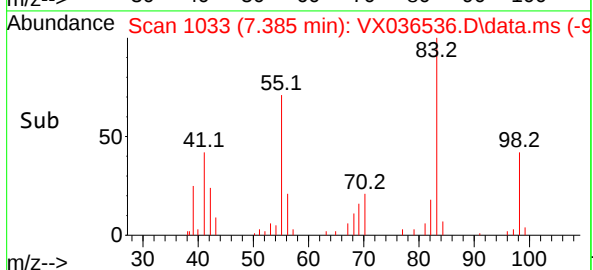
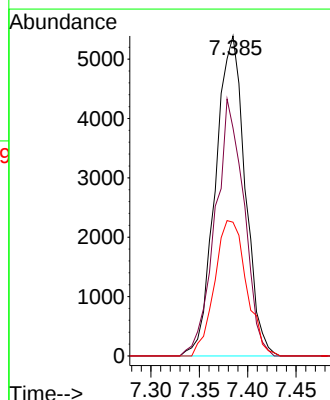
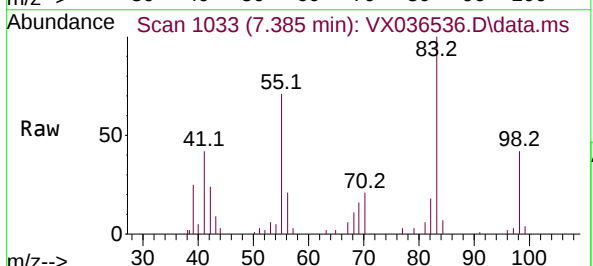
Tgt Ion: 83 Resp: 11521

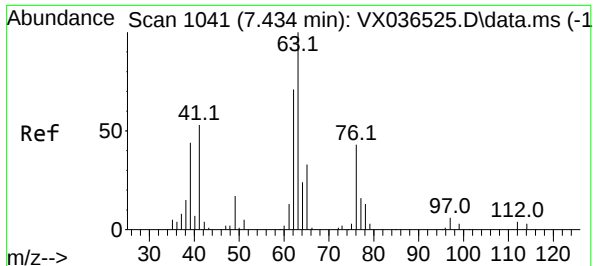
Ion Ratio Lower Upper

83 100

55 77.6 38.1 114.5

98 45.3 24.4 73.4





#39

1,2-Dichloropropane

Concen: 5.267 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion: 63 Resp: 1082

Ion Ratio Lower Upper

63 100

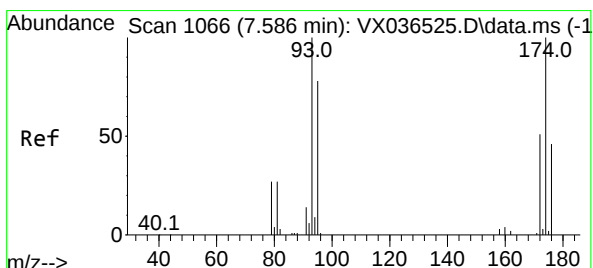
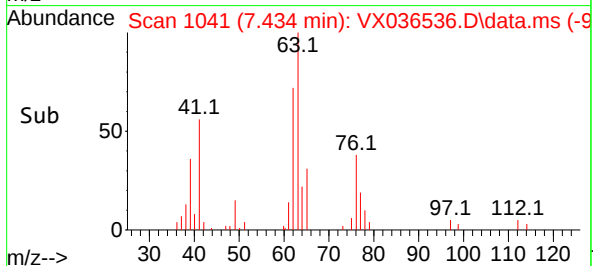
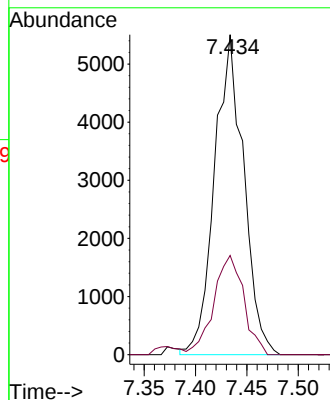
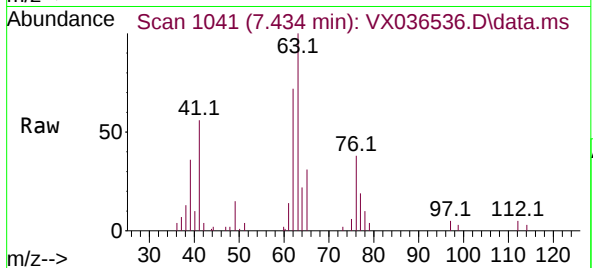
65 31.0 26.4 39.6

Manual Integrations

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Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#40

Dibromomethane

Concen: 5.359 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

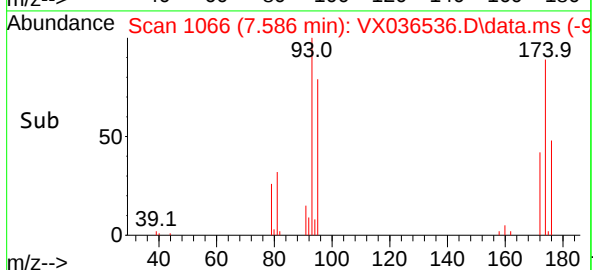
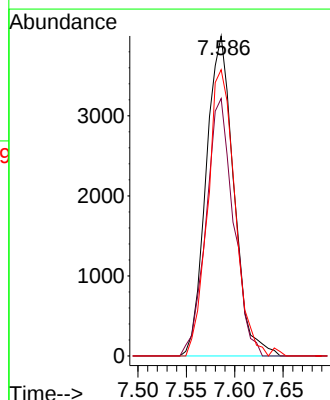
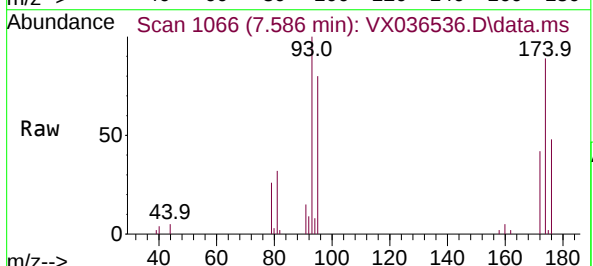
Tgt Ion: 93 Resp: 7978

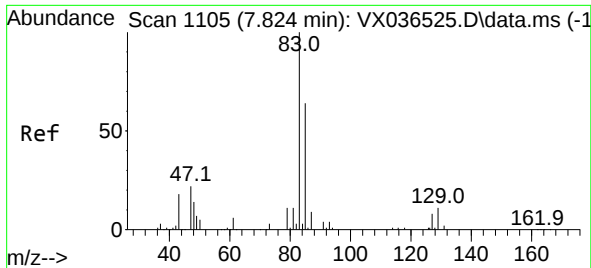
Ion Ratio Lower Upper

93 100

95 79.6 0.0 166.8

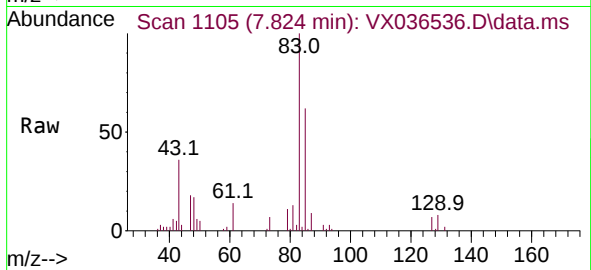
174 87.5 0.0 191.6





#41
Bromodichloromethane
Concen: 4.921 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

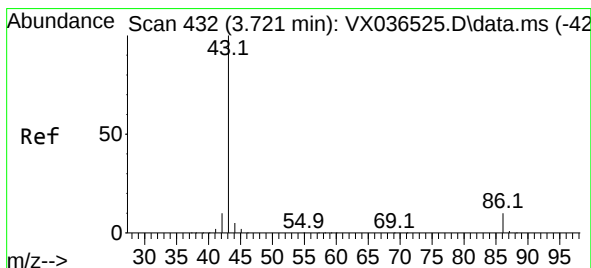
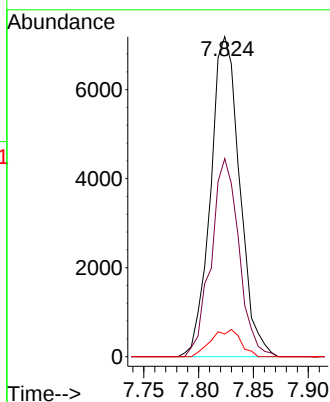
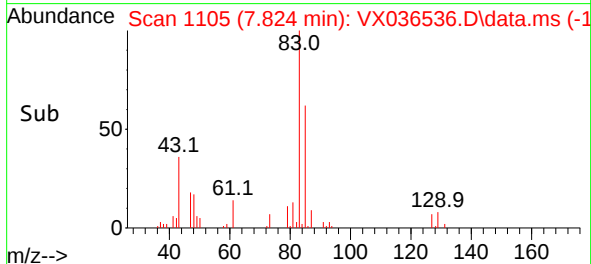
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2023



Tgt Ion: 83 Resp: 1329
Ion Ratio Lower Upper
83 100
85 61.9 51.5 77.3
127 7.1 6.4 9.6

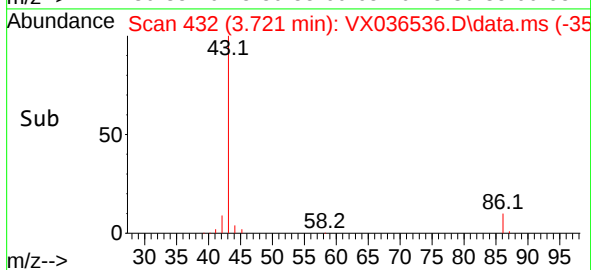
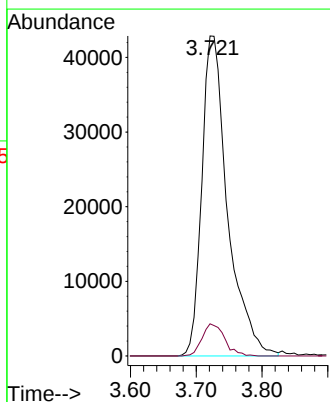
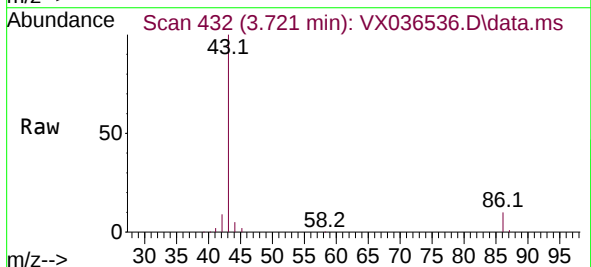
Manual Integrations
APPROVED

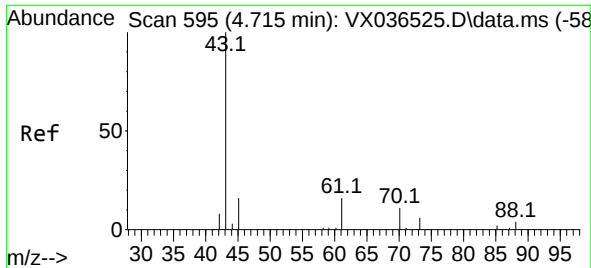
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#42
Vinyl Acetate
Concen: 25.019 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

Tgt Ion: 43 Resp: 117047
Ion Ratio Lower Upper
43 100
86 8.8 7.4 11.0





#43

Ethyl Acetate

Concen: 5.209 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

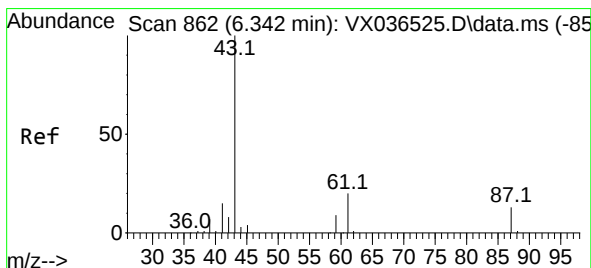
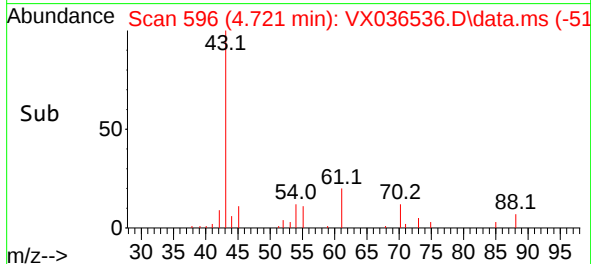
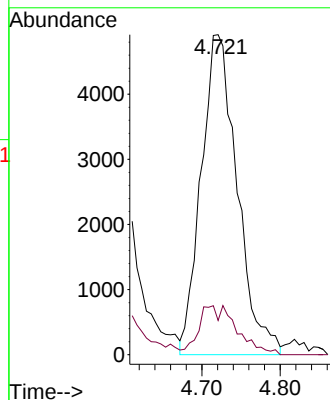
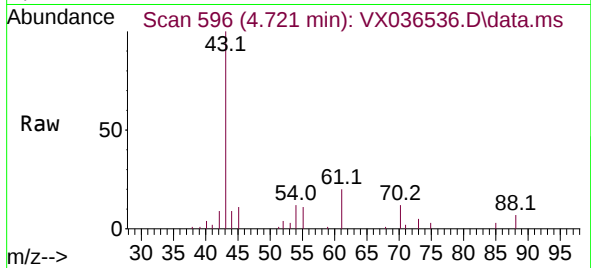
Tgt Ion: 43 Resp: 15704
 Ion Ratio Lower Upper
 43 100
 45 7.0 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#44

Isopropyl Acetate

Concen: 5.084 ug/l m

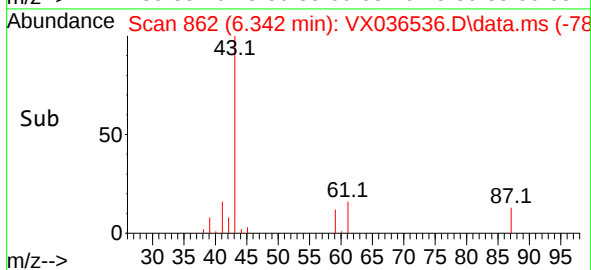
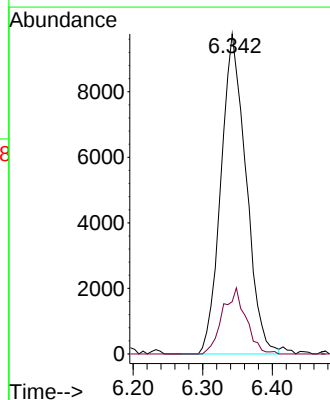
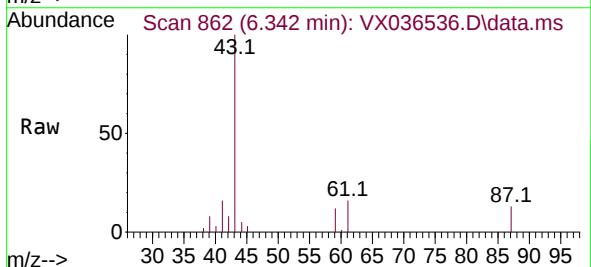
RT: 6.342 min Scan# 862

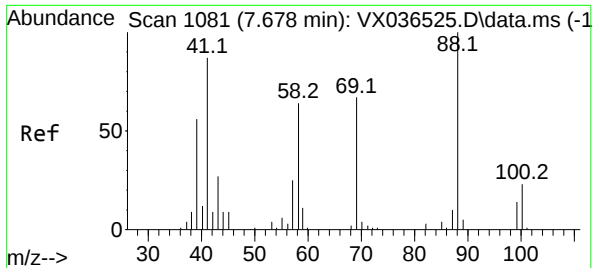
Delta R.T. -0.000 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

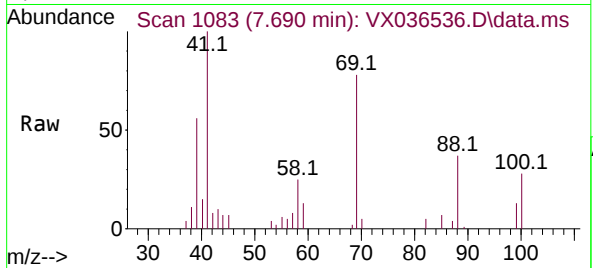
Tgt Ion: 43 Resp: 24446
 Ion Ratio Lower Upper
 43 100
 61 0.1 15.4 23.0





#45
1,4-Dioxane
Concen: 101.966 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.012 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

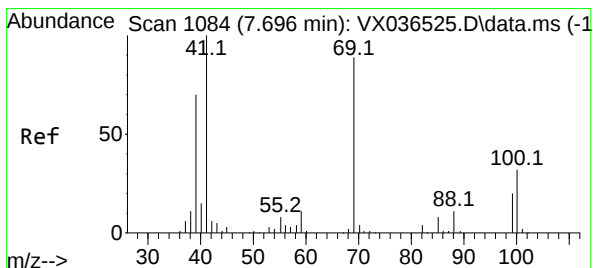
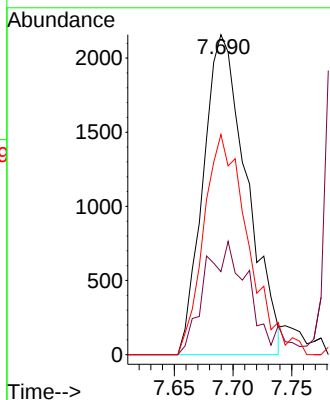
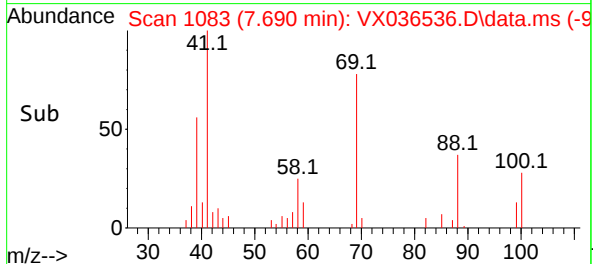
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023



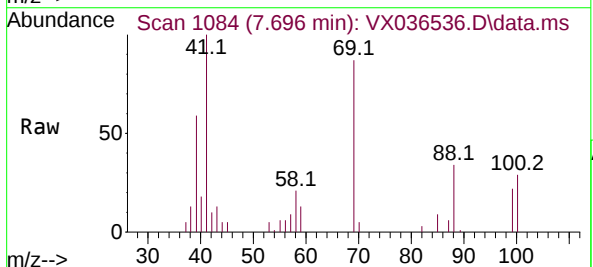
Tgt Ion: 88 Resp: 556
Ion Ratio Lower Upper
88 100
43 11.7 297.5 446.3
58 68.8 1.0 1.4

Manual Integrations
APPROVED

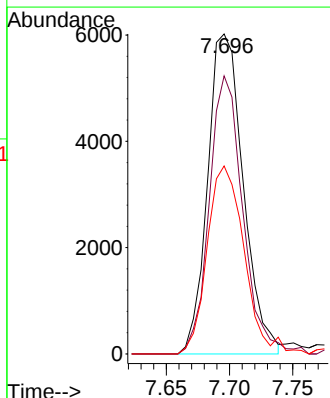
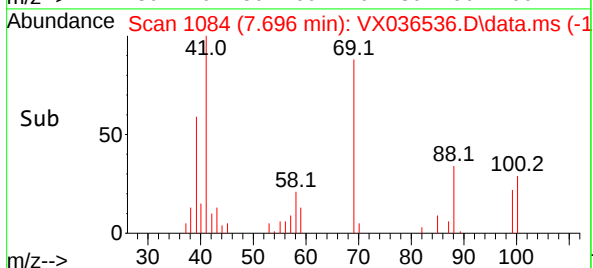
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

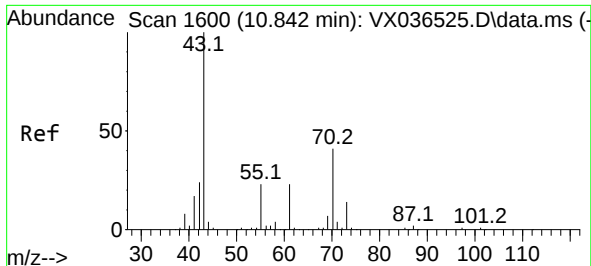


#46
Methyl methacrylate
Concen: 5.140 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28



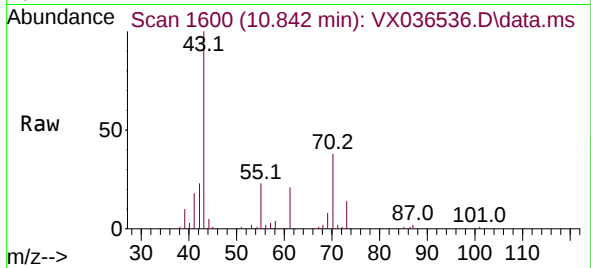
Tgt Ion: 41 Resp: 11811
Ion Ratio Lower Upper
41 100
69 86.9 44.4 133.1
39 58.8 34.9 104.7





#47
n-amyl acetate
Concen: 4.626 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

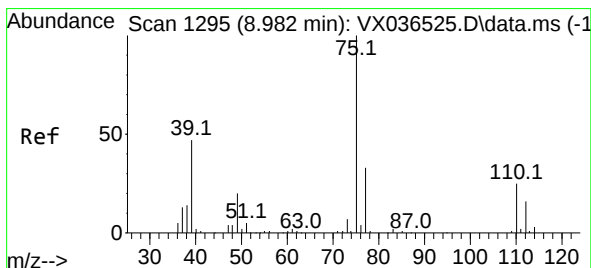
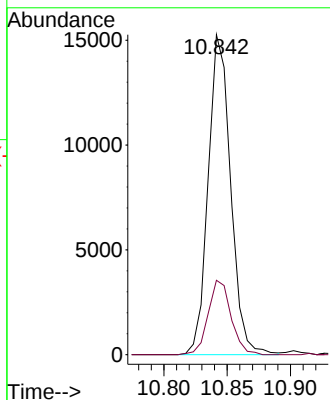
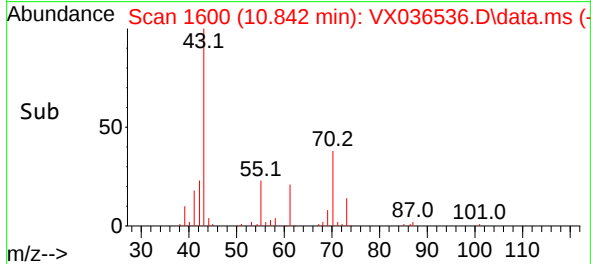
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2023



Tgt Ion: 43 Resp: 1886
Ion Ratio Lower Upper
43 100
55 23.7 18.6 28.0

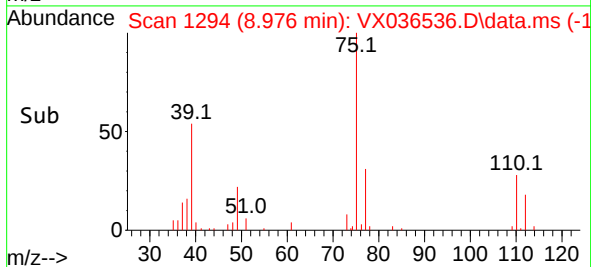
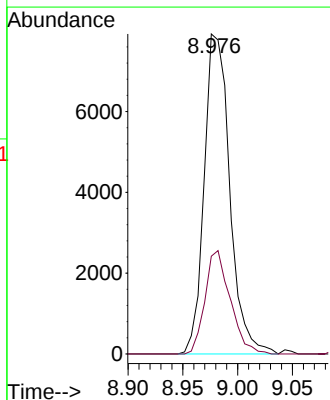
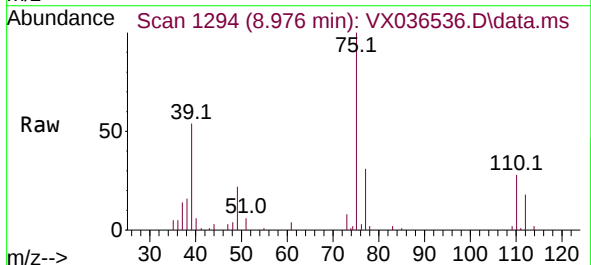
Manual Integrations
APPROVED

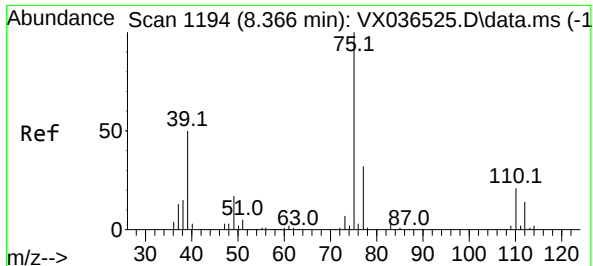
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#48
t-1,3-Dichloropropene
Concen: 4.338 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

Tgt Ion: 75 Resp: 12857
Ion Ratio Lower Upper
75 100
77 30.6 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 4.637 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

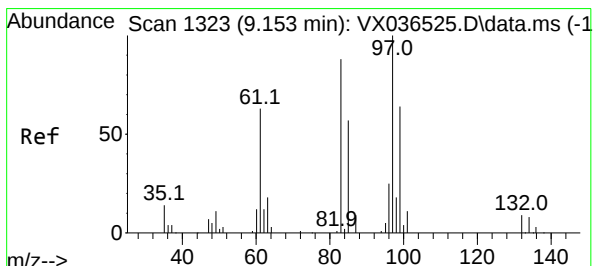
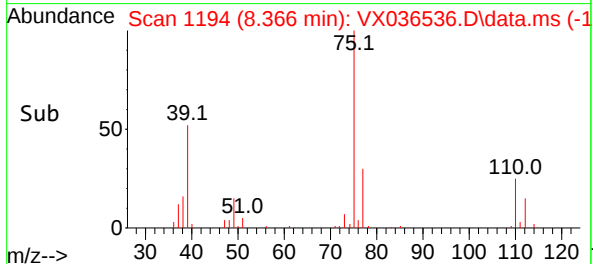
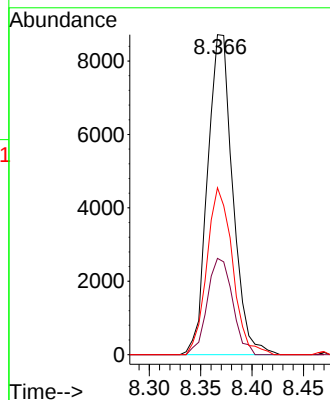
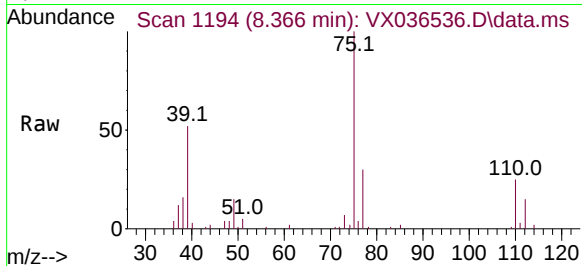
Tgt Ion: 75	Resp: 1484
Ion Ratio	Lower Upper
75 100	
77 30.1	25.4 38.2
39 52.1	40.2 60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#50

1,1,2-Trichloroethane

Concen: 5.322 ug/l

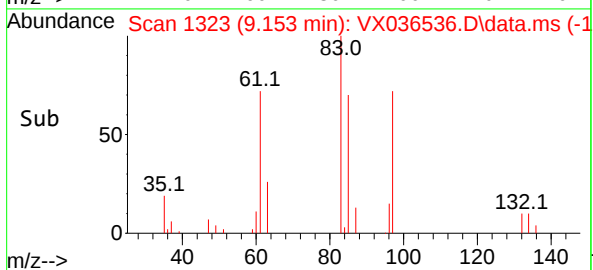
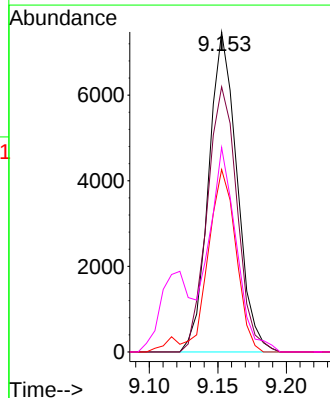
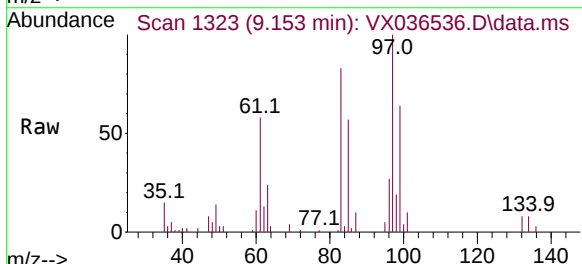
RT: 9.153 min Scan# 1323

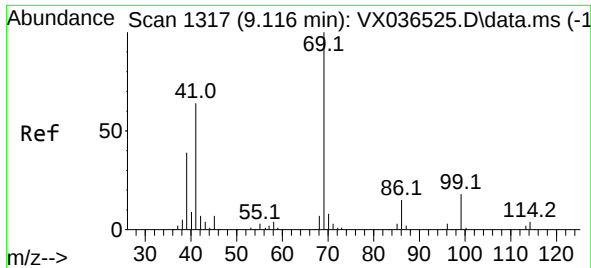
Delta R.T. -0.000 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

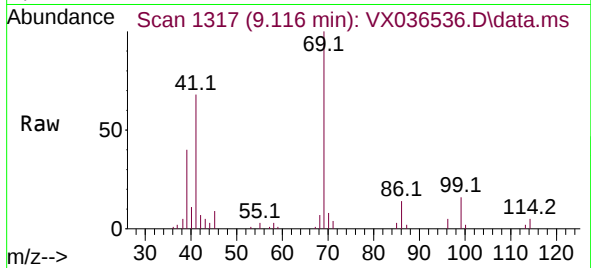
Tgt Ion: 97	Resp: 10755
Ion Ratio	Lower Upper
97 100	
83 82.8	70.0 105.0
85 57.0	46.1 69.1
99 63.9	52.5 78.7





#51
Ethyl methacrylate
Concen: 4.993 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

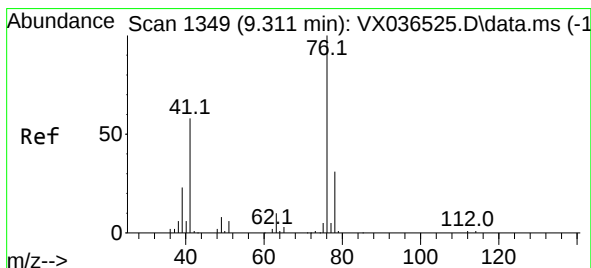
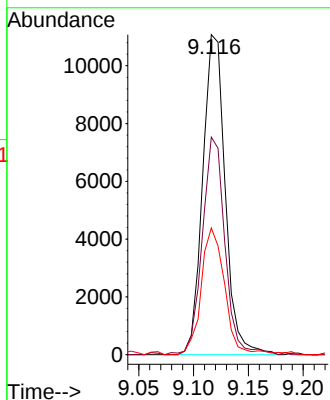
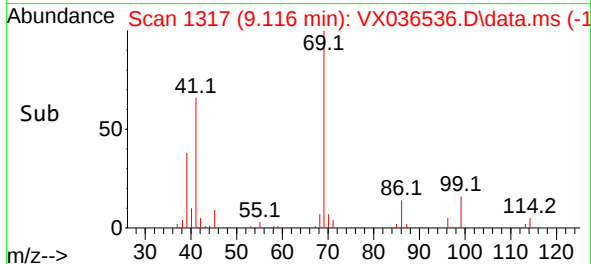
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2023



Tgt Ion: 69 Resp: 1584
Ion Ratio Lower Upper
69 100
41 68.0 32.0 96.0
39 39.6 19.4 58.4

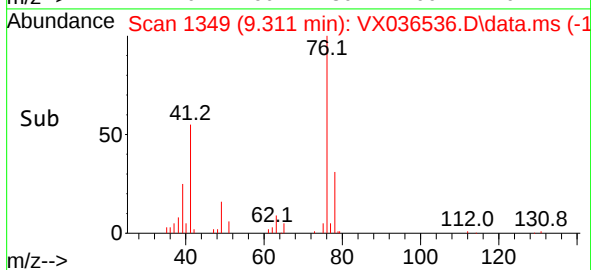
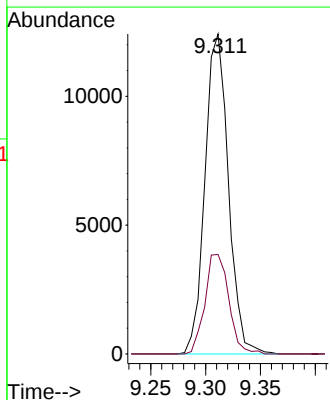
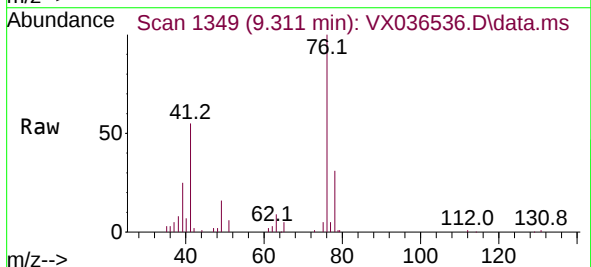
Manual Integrations
APPROVED

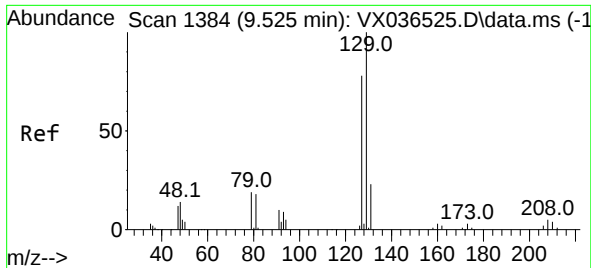
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#52
1,3-Dichloropropane
Concen: 5.412 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

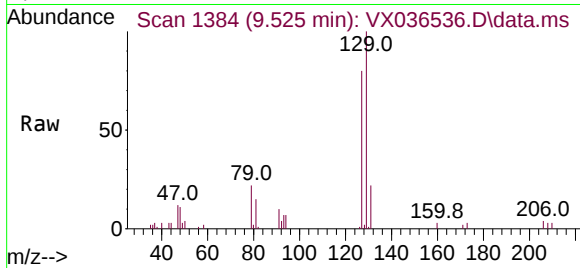
Tgt Ion: 76 Resp: 18458
Ion Ratio Lower Upper
76 100
78 31.7 0.0 63.6





#53
Dibromochloromethane
Concen: 4.393 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

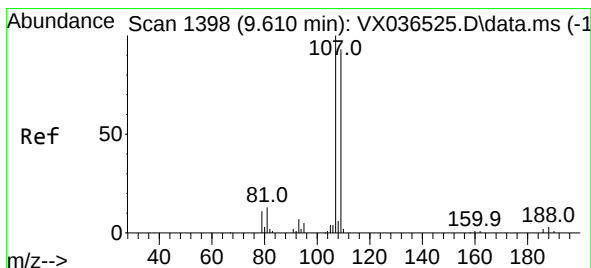
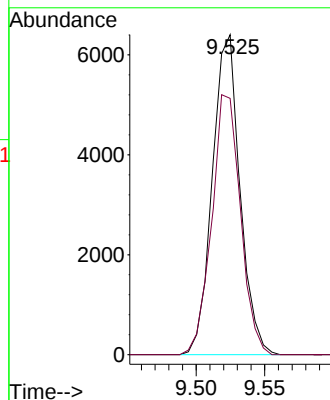
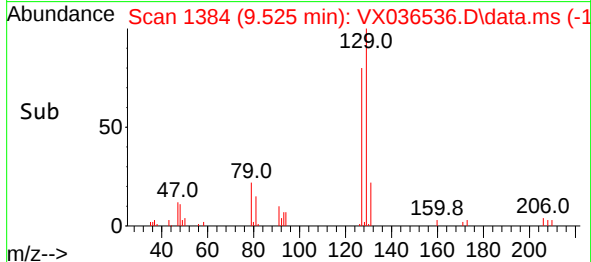
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2023



Tgt Ion:129 Resp: 896
Ion Ratio Lower Upper
129 100
127 84.6 38.6 115.8

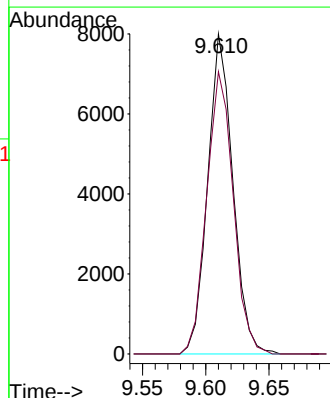
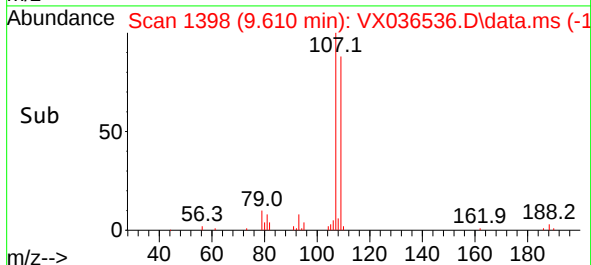
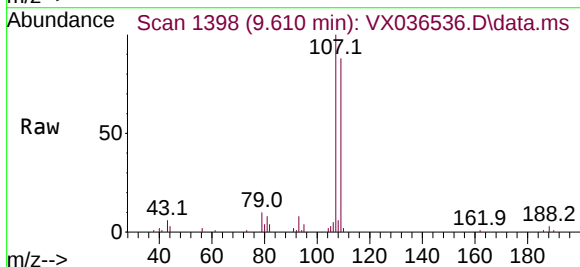
Manual Integrations
APPROVED

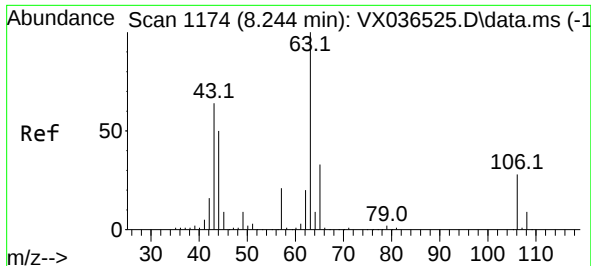
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#54
1,2-Dibromoethane
Concen: 5.218 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

Tgt Ion:107 Resp: 11079
Ion Ratio Lower Upper
107 100
109 93.2 74.7 112.1





#55

2-Chloroethyl vinyl ether

Concen: 22.850 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

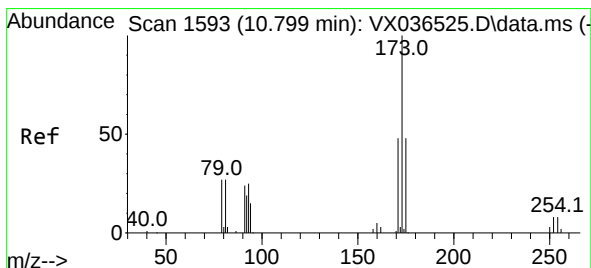
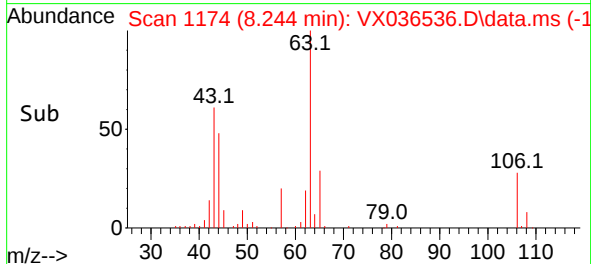
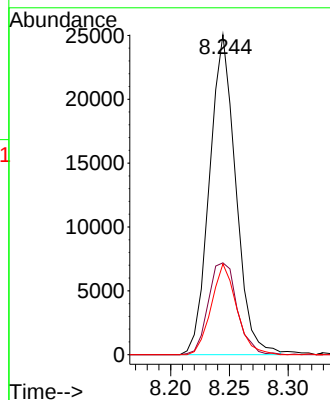
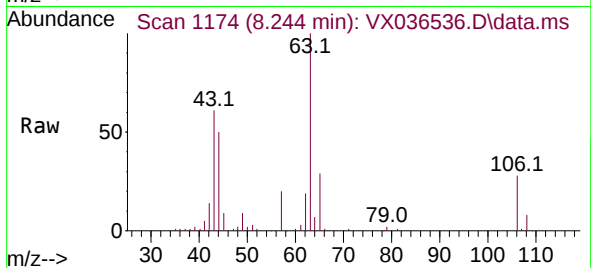
Tgt Ion: 63	Resp: 3899
Ion Ratio	Lower Upper
63 100	
65 31.3	25.9 38.9
106 27.4	21.8 32.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#56

Bromoform

Concen: 4.211 ug/l

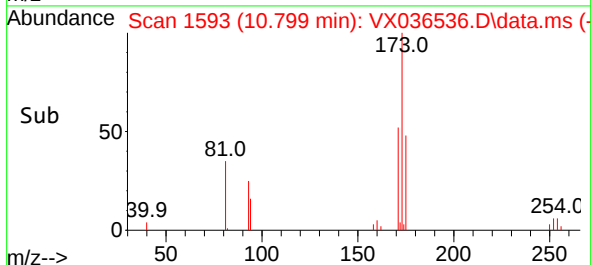
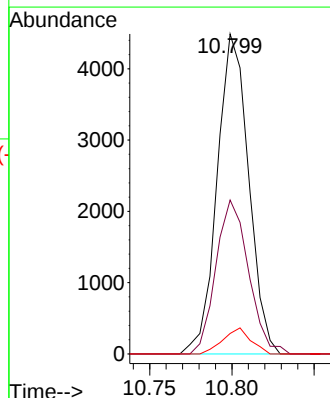
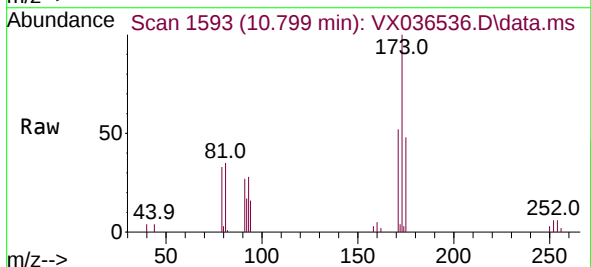
RT: 10.799 min Scan# 1593

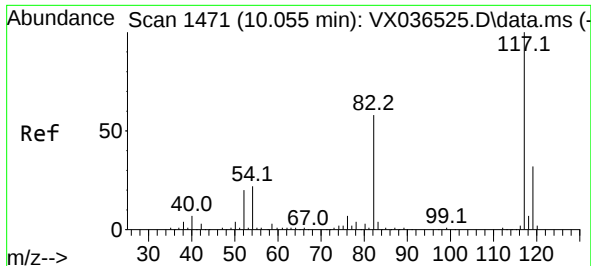
Delta R.T. -0.000 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

Tgt Ion: 173	Resp: 5976
Ion Ratio	Lower Upper
173 100	
175 49.9	38.1 57.1
254 7.1	6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion: 117 Resp: 149729

Ion Ratio Lower Upper

117 100

82 56.8 44.7 67.1

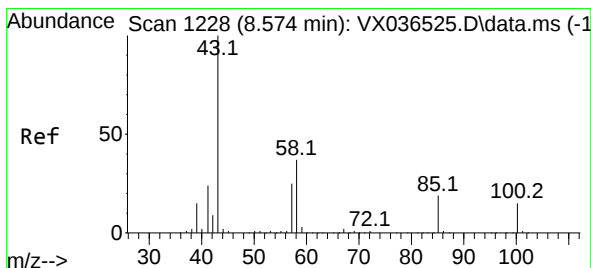
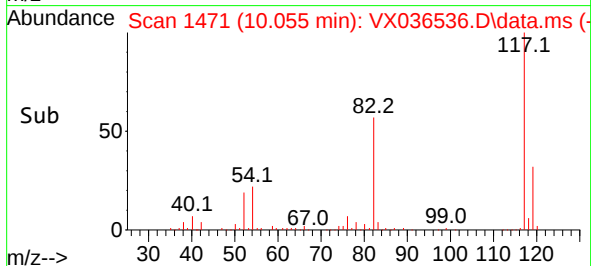
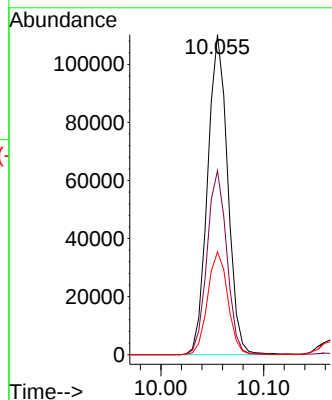
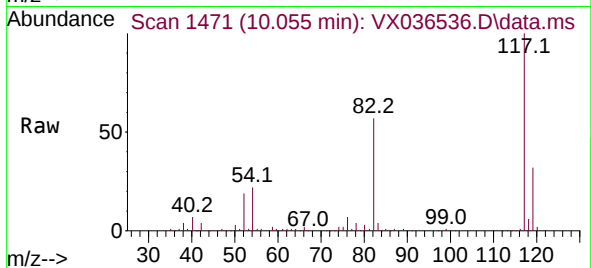
119 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#58

4-Methyl-2-Pentanone

Concen: 25.487 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

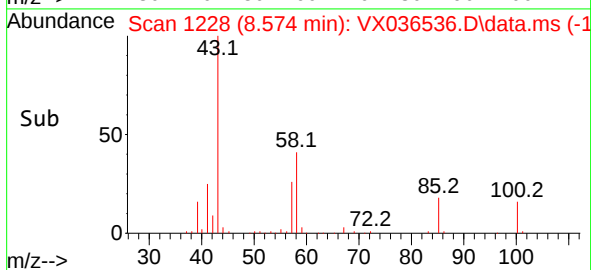
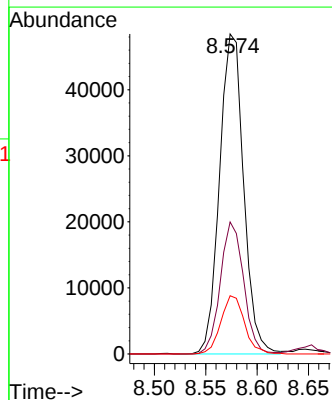
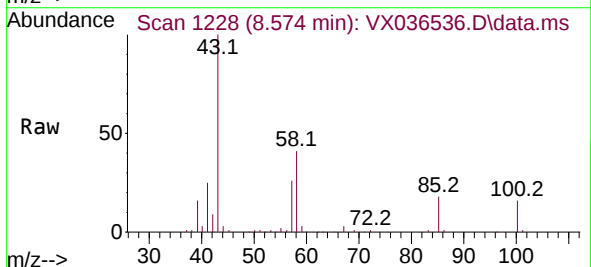
Tgt Ion: 43 Resp: 78912

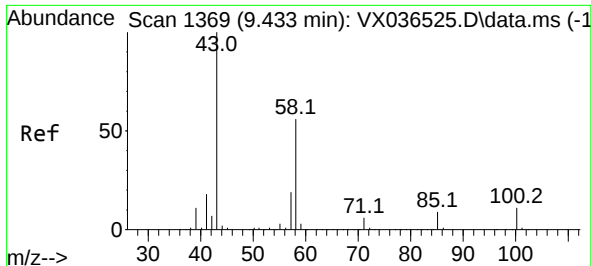
Ion Ratio Lower Upper

43 100

58 39.9 30.9 46.3

85 17.9 14.4 21.6





#59

2-Hexanone

Concen: 25.240 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion: 43 Resp: 5945

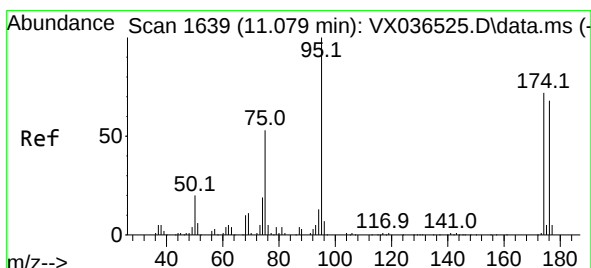
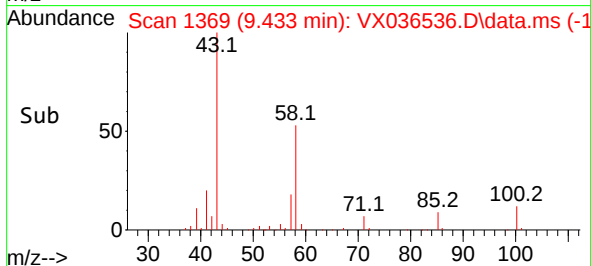
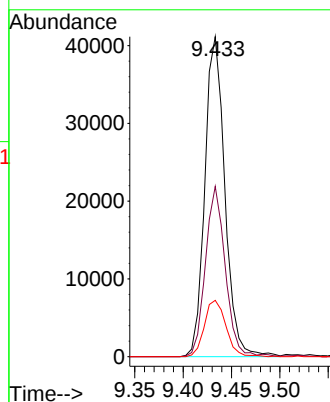
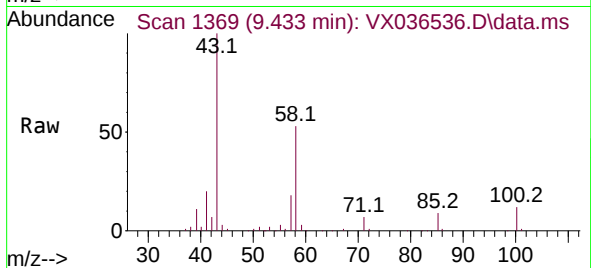
Ion	Ratio	Lower	Upper
43	100		
58	52.2	43.4	65.2
57	18.7	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#60

4-Bromofluorobenzene

Concen: 29.437 ug/l

RT: 11.079 min Scan# 1639

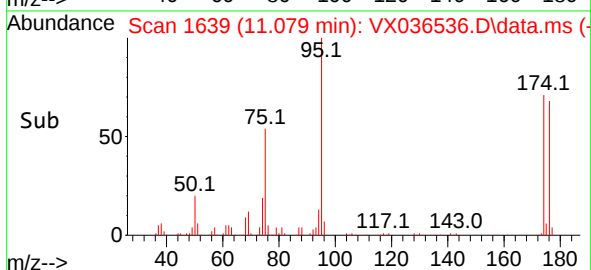
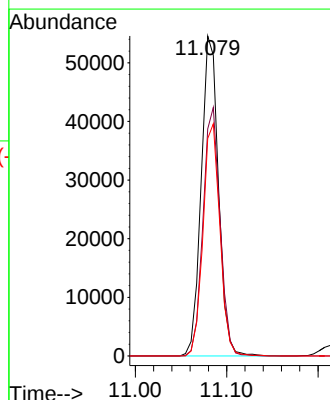
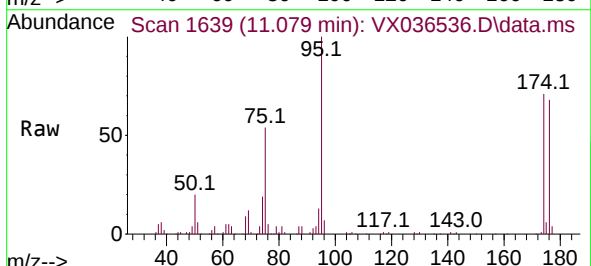
Delta R.T. -0.000 min

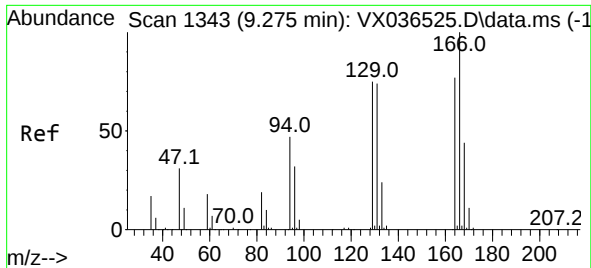
Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

Tgt Ion: 95 Resp: 71496

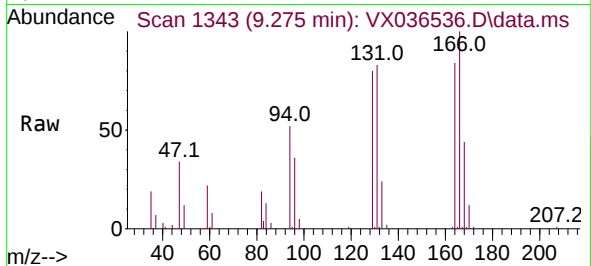
Ion	Ratio	Lower	Upper
95	100		
174	76.3	60.5	90.7
176	71.0	58.2	87.4





#61
Tetrachloroethene
Concen: 5.028 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

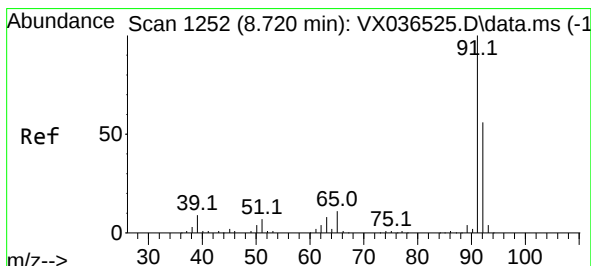
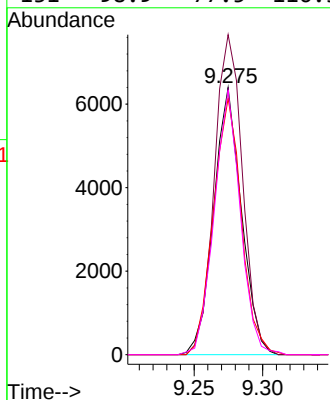
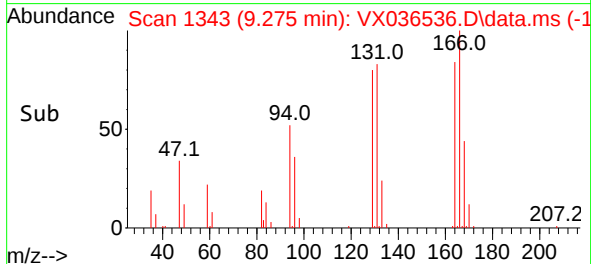
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:164 Resp: 901
Ion Ratio Lower Upper
164 100
166 119.7 104.5 156.7
129 95.9 78.0 117.0
131 98.9 77.5 116.3

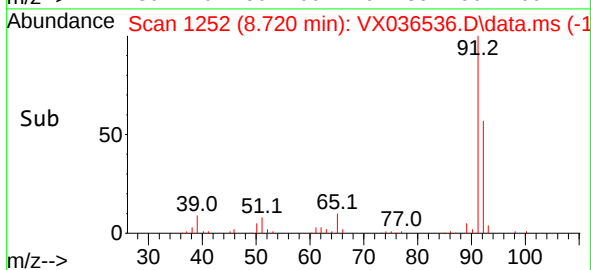
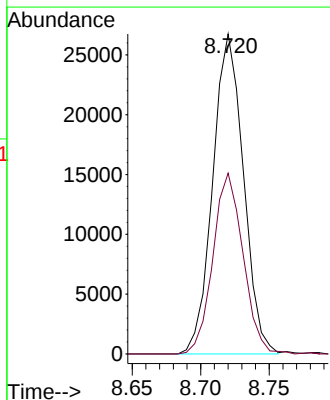
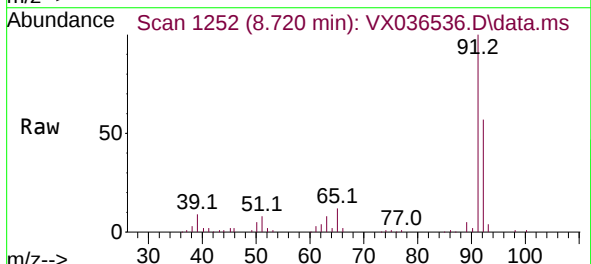
Manual Integrations
APPROVED

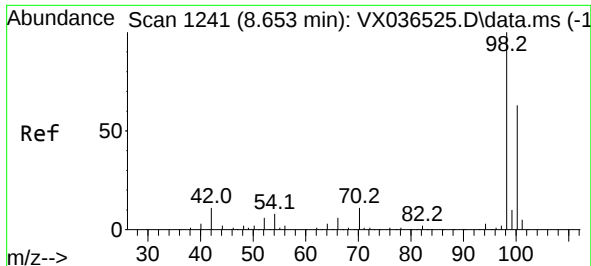
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#62
Toluene
Concen: 4.954 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

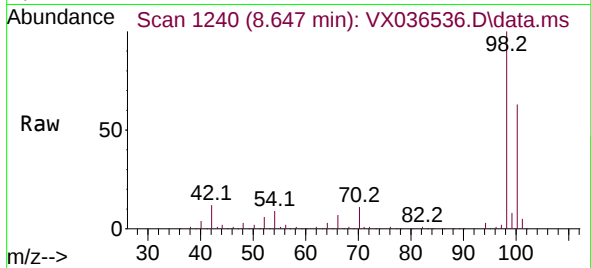
Tgt Ion: 91 Resp: 41620
Ion Ratio Lower Upper
91 100
92 55.3 44.9 67.3





#63
Toluene-d8
Concen: 29.986 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

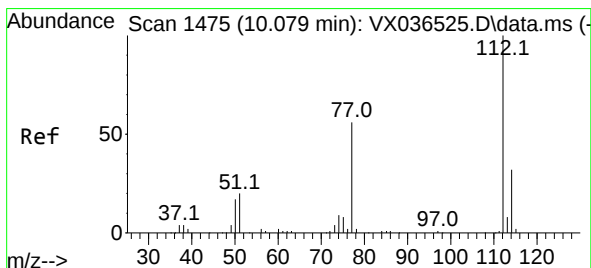
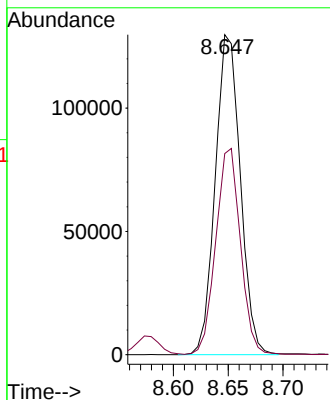
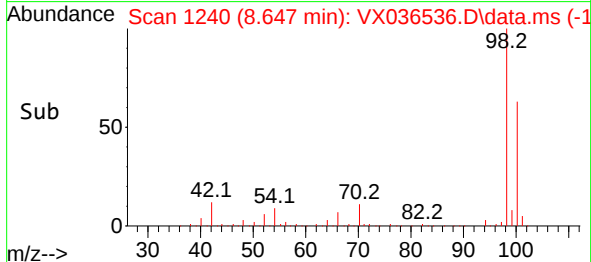
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 98 Resp: 20660
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4

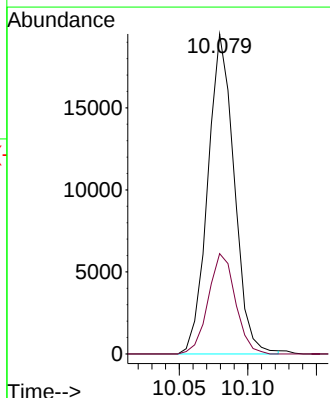
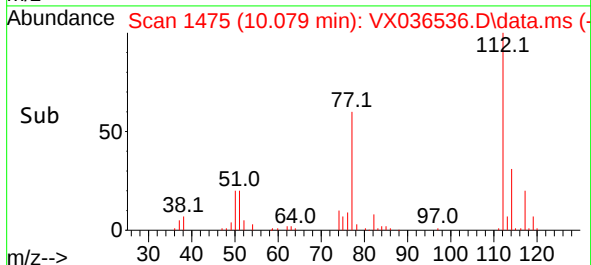
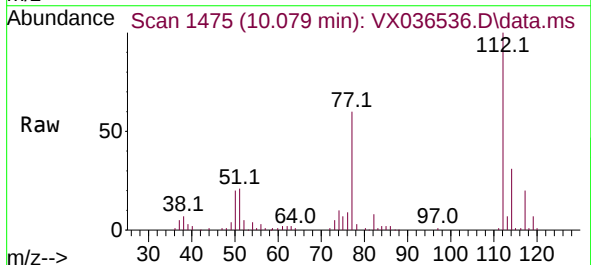
Manual Integrations
APPROVED

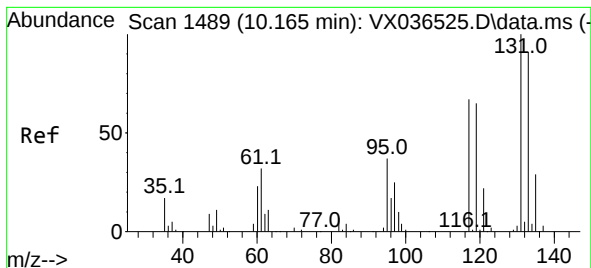
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#64
Chlorobenzene
Concen: 4.995 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

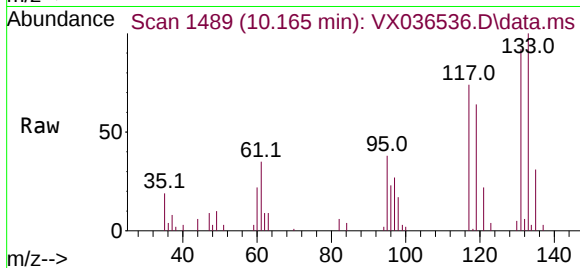
Tgt Ion:112 Resp: 26124
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 4.703 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

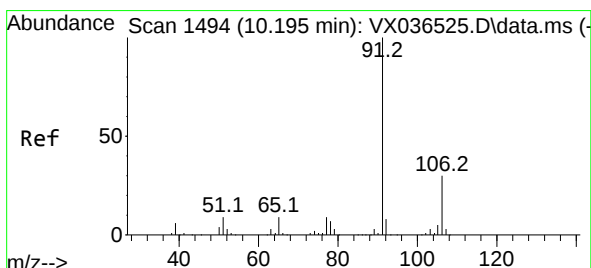
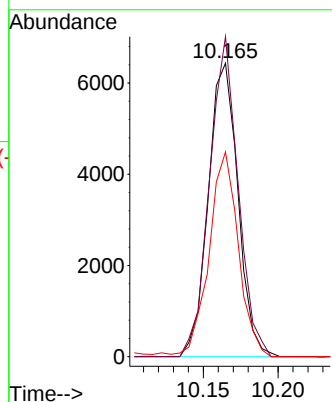
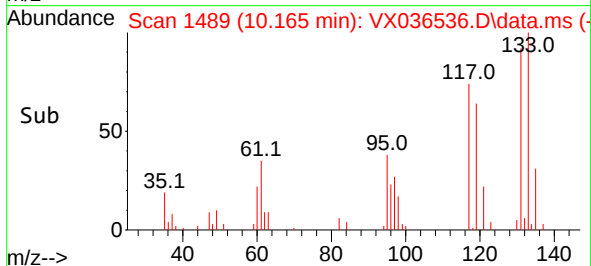
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2023



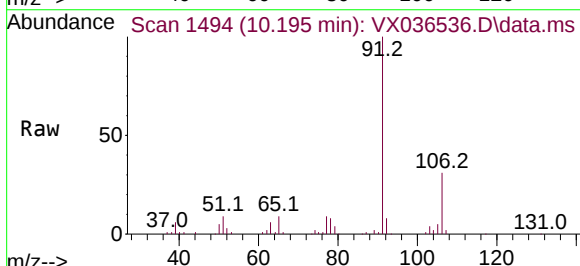
Tgt Ion:131 Resp: 8884
Ion Ratio Lower Upper
131 100
133 105.0 0.0 192.0
119 68.6 0.0 132.8

Manual Integrations
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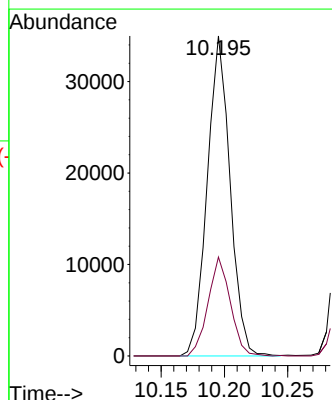
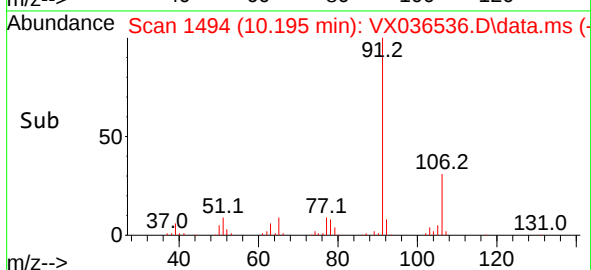
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

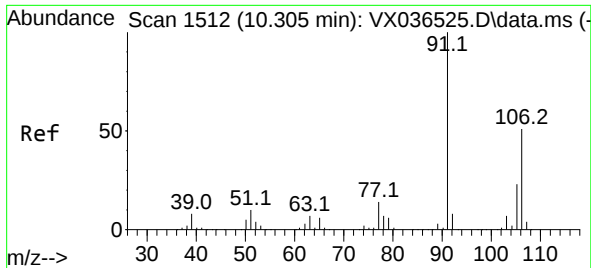


#66
Ethyl Benzene
Concen: 4.808 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28



Tgt Ion: 91 Resp: 43900
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.4





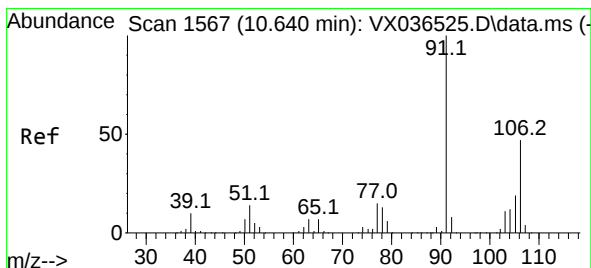
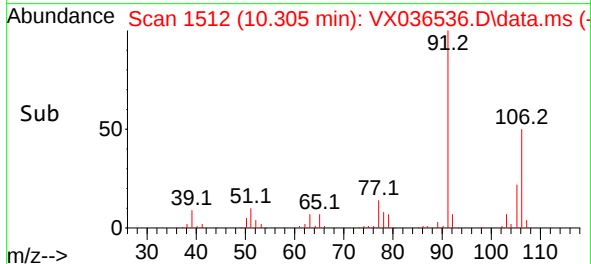
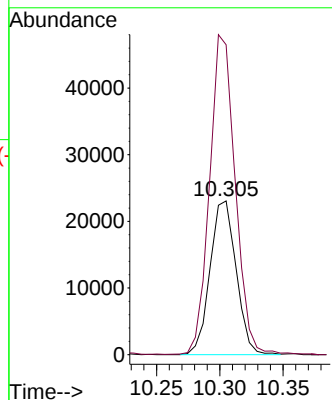
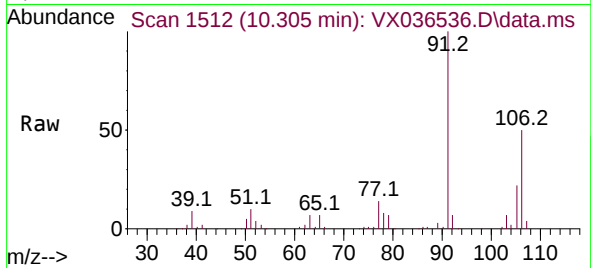
#67
m/p-Xylenes
Concen: 9.318 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023

Tgt Ion:106 Resp: 3316
Ion Ratio Lower Upper
106 100
91 203.3 160.5 240.7

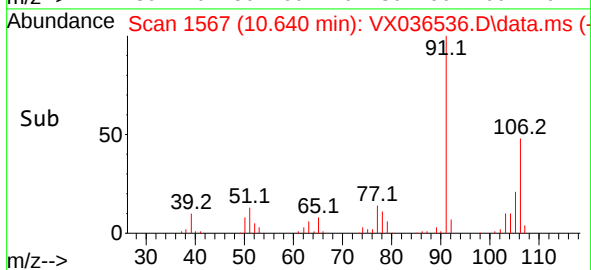
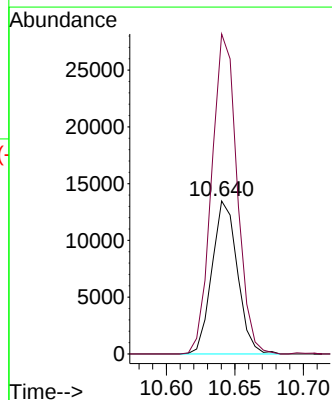
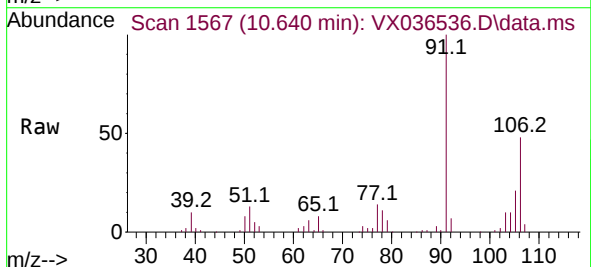
Manual Integrations
APPROVED

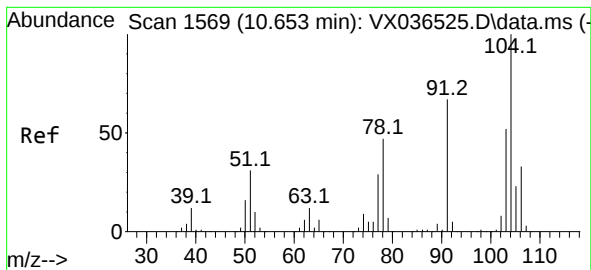
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#68
o-Xylene
Concen: 4.919 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

Tgt Ion:106 Resp: 17376
Ion Ratio Lower Upper
106 100
91 208.9 105.4 316.1





#69

Styrene

Concen: 4.600 ug/l

RT: 10.659 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023

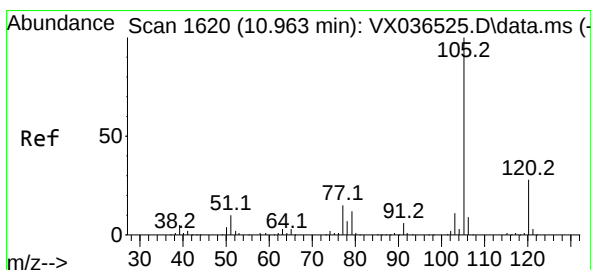
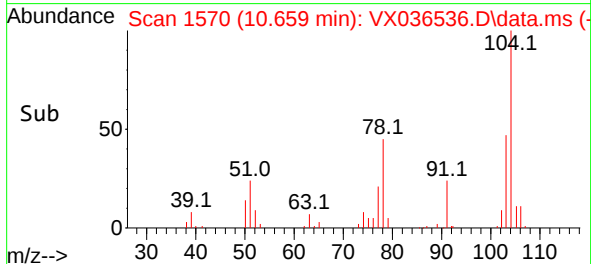
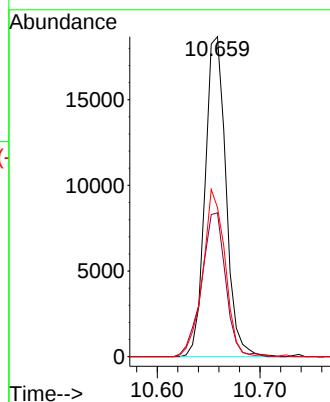
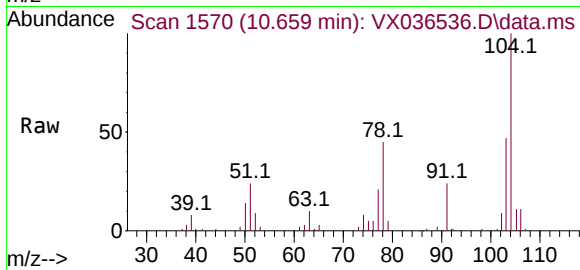
Tgt Ion:104 Resp: 26349
 Ion Ratio Lower Upper
 104 100
 78 51.4 41.0 61.4
 103 55.6 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#70

Isopropylbenzene

Concen: 4.537 ug/l

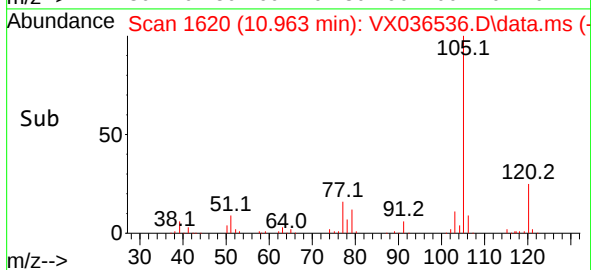
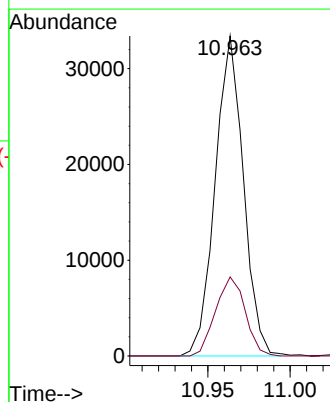
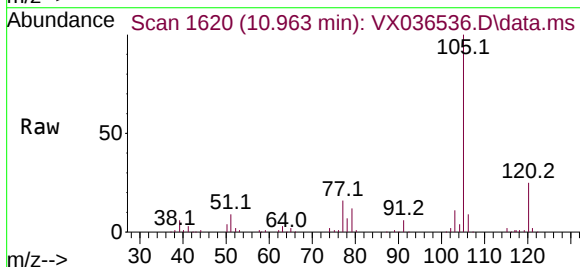
RT: 10.963 min Scan# 1620

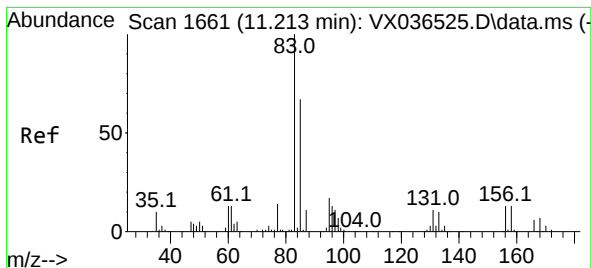
Delta R.T. -0.000 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

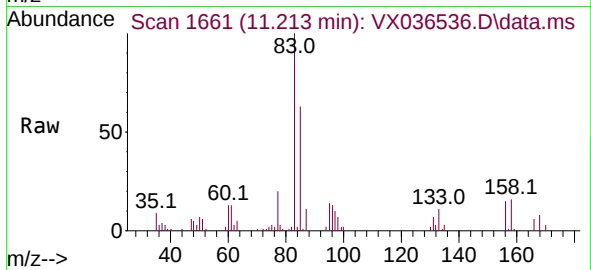
Tgt Ion:105 Resp: 39922
 Ion Ratio Lower Upper
 105 100
 120 25.8 19.5 36.3





#71
1,1,2,2-Tetrachloroethane
Concen: 5.060 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

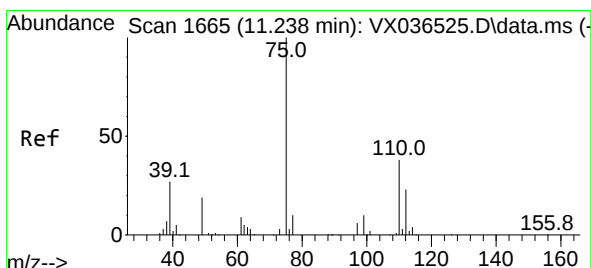
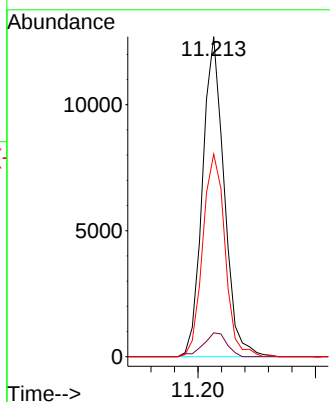
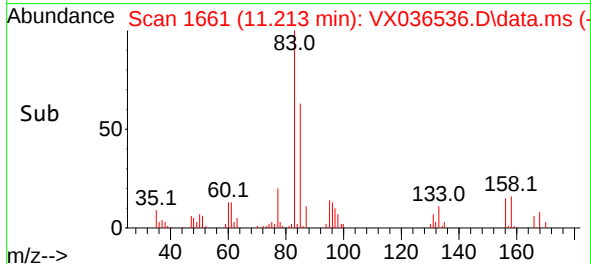
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 83 Resp: 16248
Ion Ratio Lower Upper
83 100
131 8.2 5.3 15.8
85 65.0 32.4 97.0

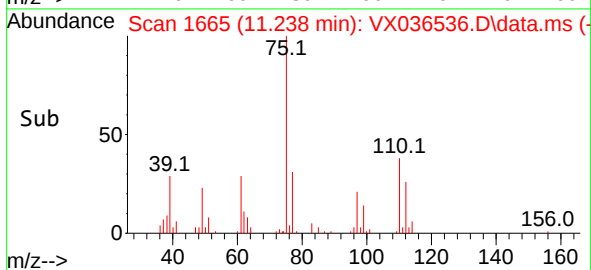
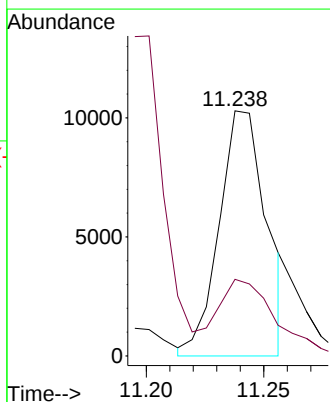
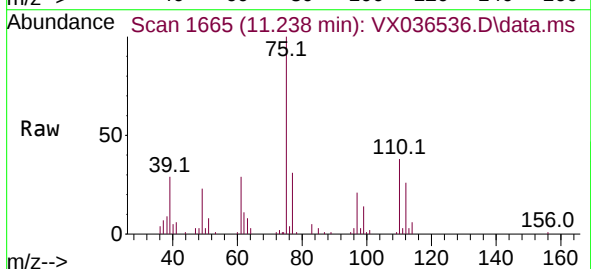
Manual Integrations
APPROVED

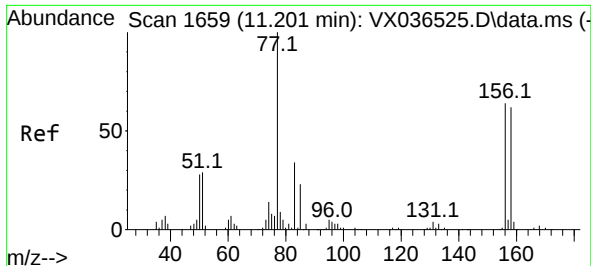
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#72
1,2,3-Trichloropropane
Concen: 4.853 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

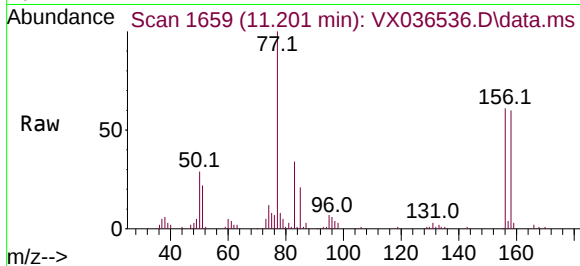
Tgt Ion: 75 Resp: 14442
Ion Ratio Lower Upper
75 100
77 38.0 0.0 77.2





#73
Bromobenzene
Concen: 4.945 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

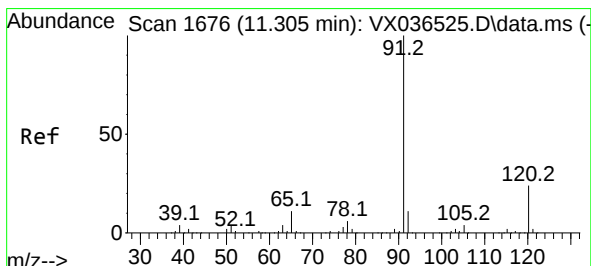
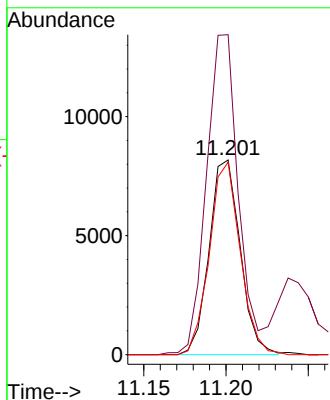
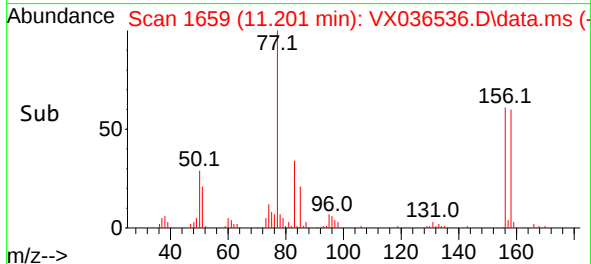
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2023



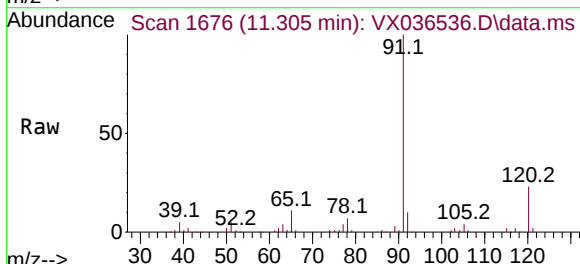
Tgt Ion:156 Resp: 10750
Ion Ratio Lower Upper
156 100
77 164.4 0.0 333.0
158 97.7 0.0 196.4

Manual Integrations
APPROVED

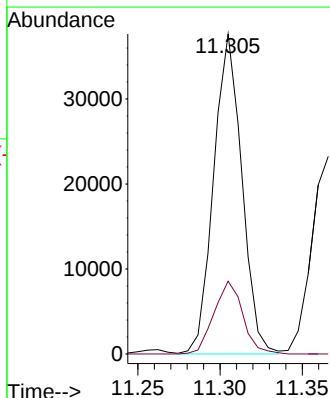
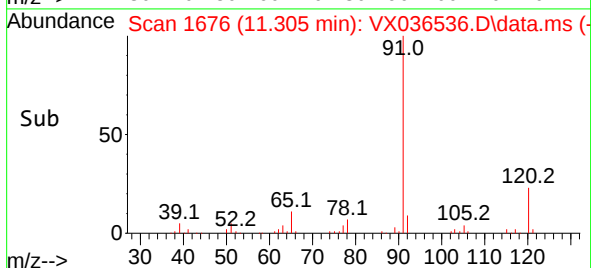
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

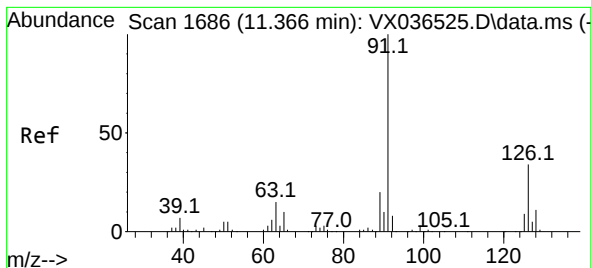


#74
n-propylbenzene
Concen: 4.336 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28



Tgt Ion: 91 Resp: 44905
Ion Ratio Lower Upper
91 100
120 23.2 0.0 46.6





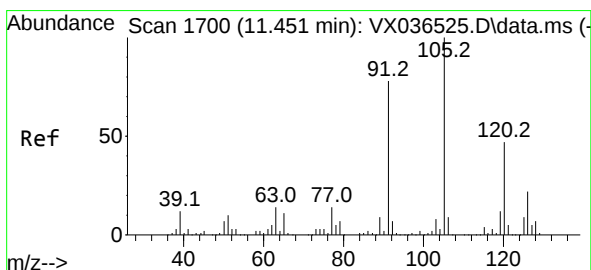
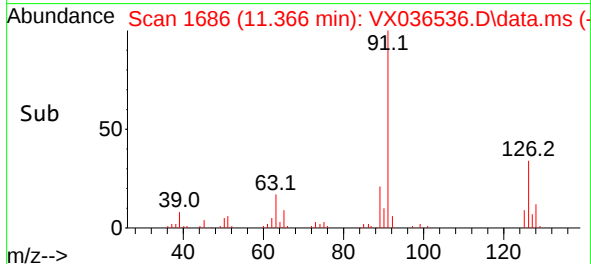
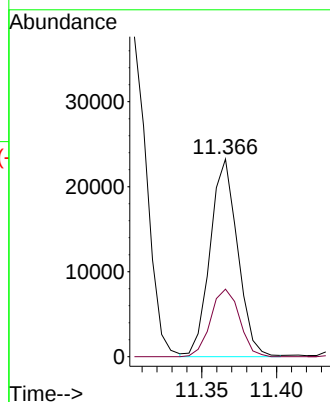
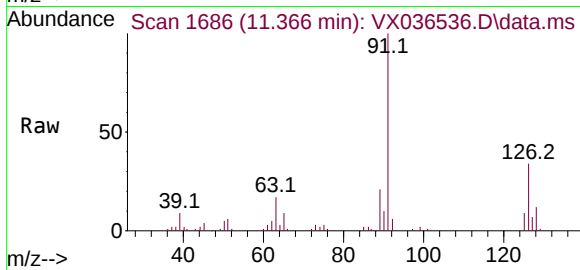
#75
2-Chlorotoluene
Concen: 4.728 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2023

Tgt Ion: 91 Resp: 29772
Ion Ratio Lower Upper
91 100
126 35.7 0.0 66.2

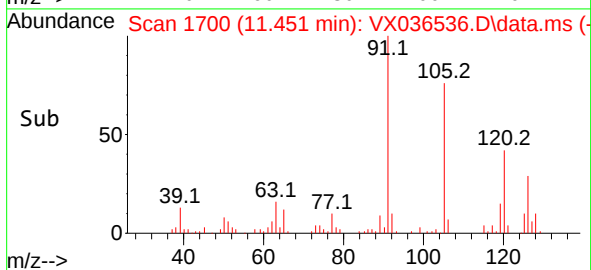
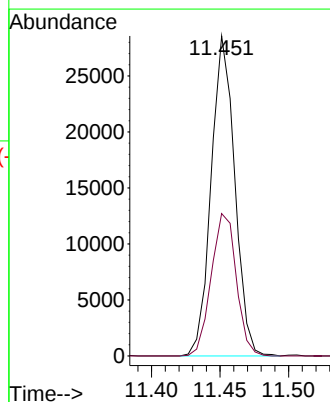
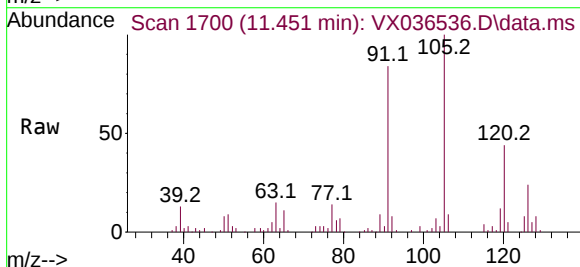
Manual Integrations
APPROVED

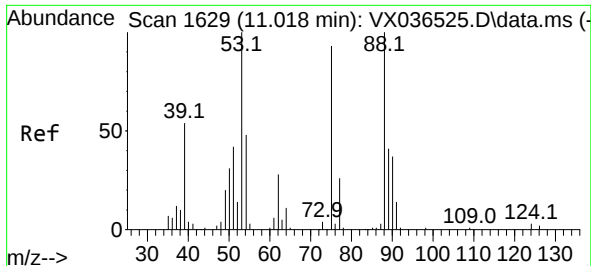
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#76
1,3,5-Trimethylbenzene
Concen: 4.517 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

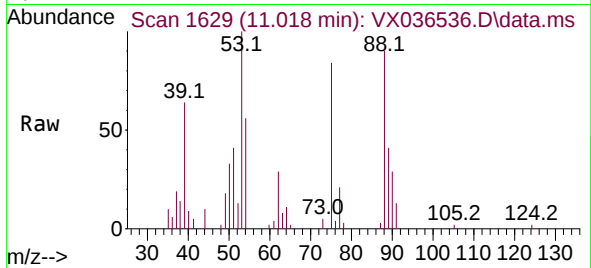
Tgt Ion:105 Resp: 34153
Ion Ratio Lower Upper
105 100
120 47.4 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 3.610 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

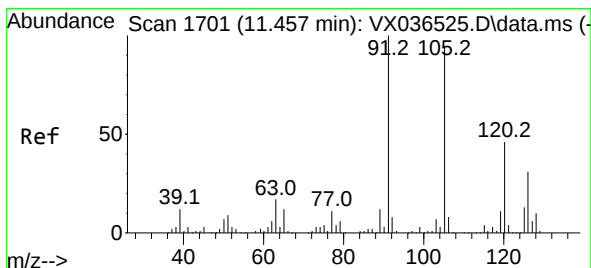
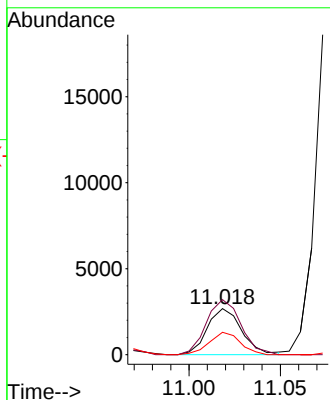
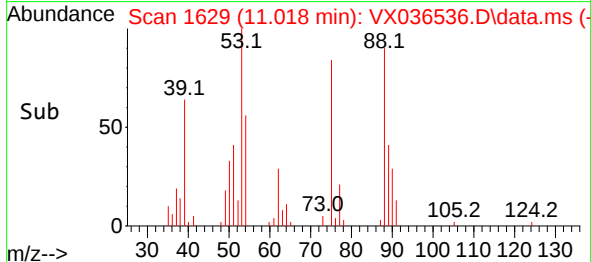
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2023



Tgt Ion: 75 Resp: 3528
Ion Ratio Lower Upper
75 100
53 119.3 53.9 161.7
89 48.5 22.1 66.1

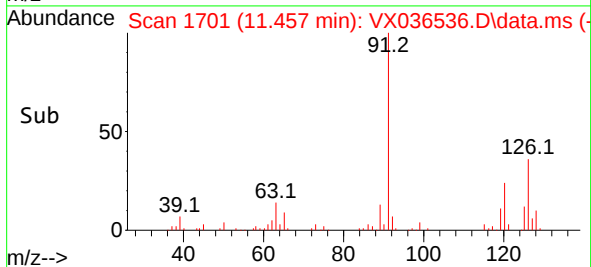
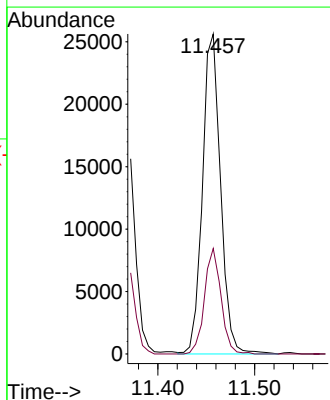
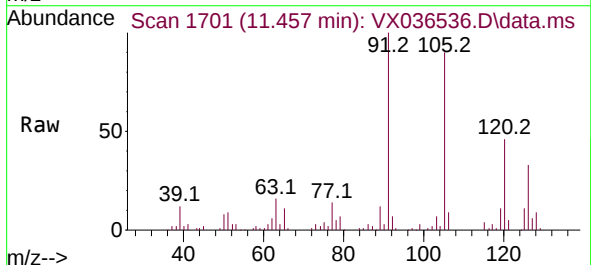
Manual Integrations
APPROVED

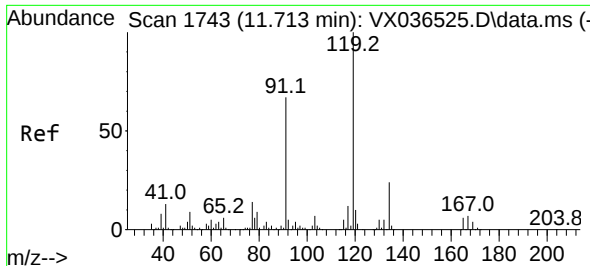
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#78
4-Chlorotoluene
Concen: 4.666 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

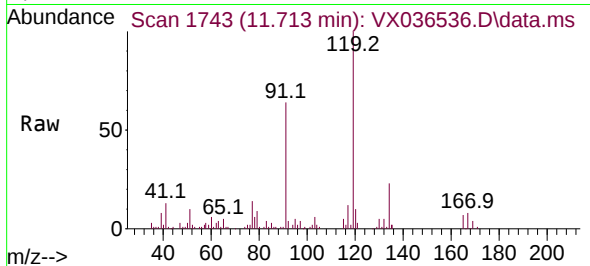
Tgt Ion: 91 Resp: 33458
Ion Ratio Lower Upper
91 100
126 30.0 0.0 59.4





#79
tert-butylbenzene
Concen: 4.337 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

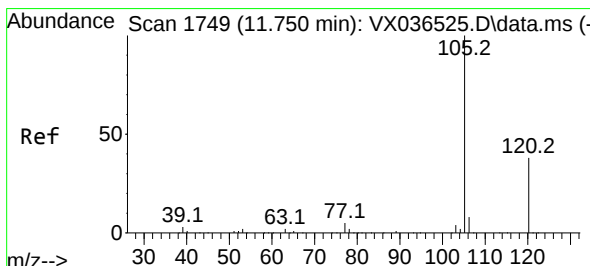
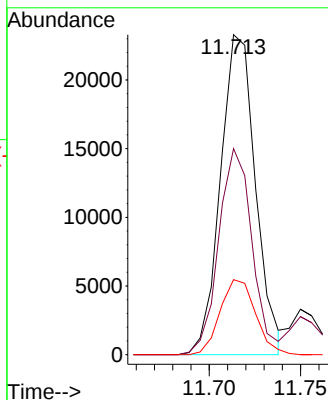
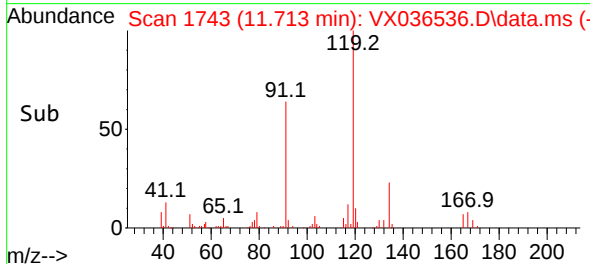
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2023



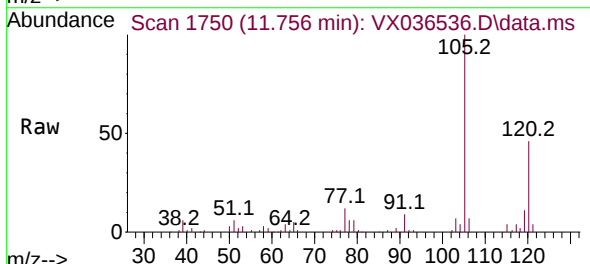
Tgt Ion:119 Resp: 31124
Ion Ratio Lower Upper
119 100
91 61.4 0.0 124.4
134 23.7 0.0 47.2

Manual Integrations
APPROVED

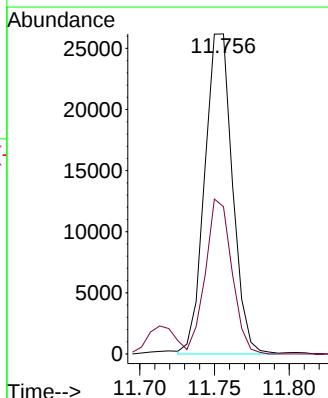
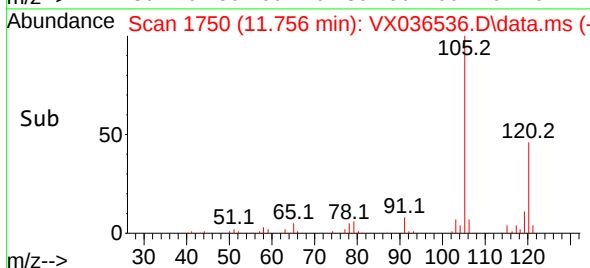
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

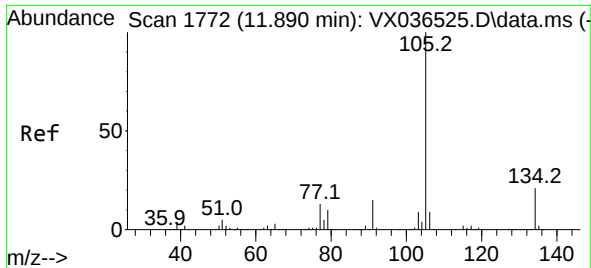


#80
1,2,4-Trimethylbenzene
Concen: 4.525 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28



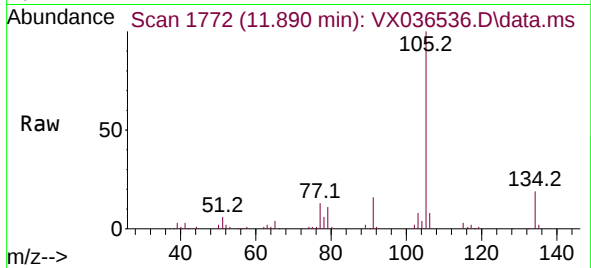
Tgt Ion:105 Resp: 33899
Ion Ratio Lower Upper
105 100
120 45.9 0.0 90.2





#81
 sec-Butylbenzene
 Concen: 4.126 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036536.D
 Acq: 13 Jul 2023 19:28

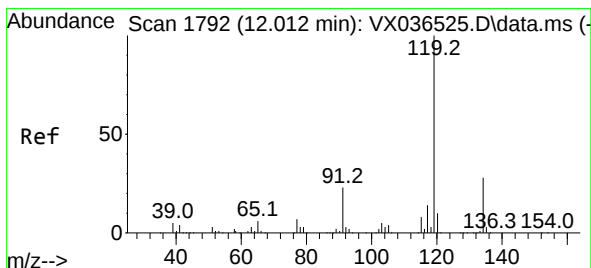
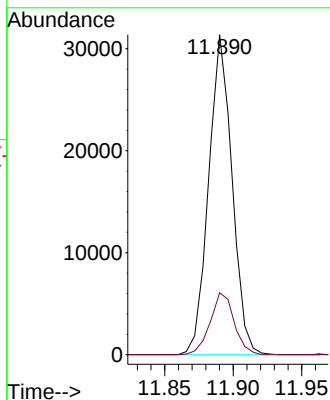
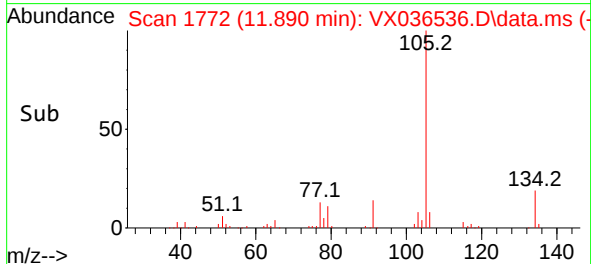
Instrument : MSVOA_X
 ClientSampleId : LOQ-WATER-02-QT3-2023



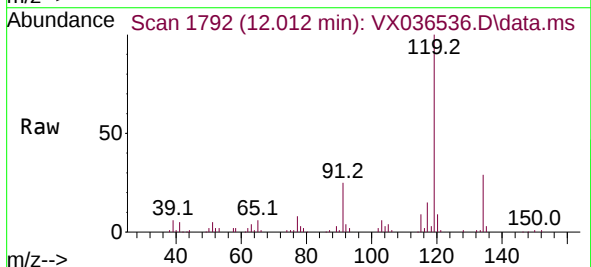
Tgt Ion:105 Resp: 37264
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 41.2

Manual Integrations
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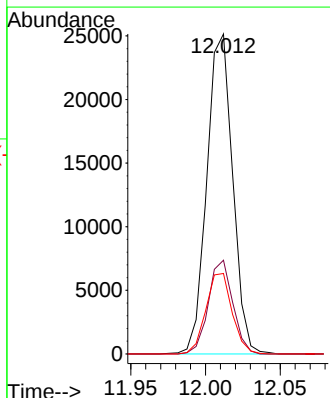
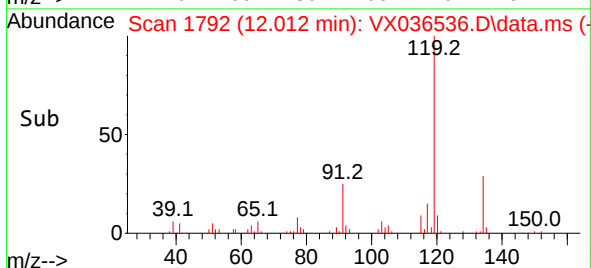
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023

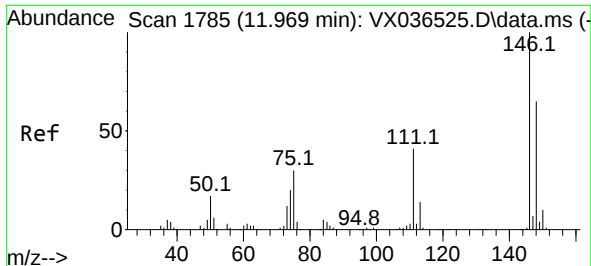


#82
 p-Isopropyltoluene
 Concen: 4.023 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX036536.D
 Acq: 13 Jul 2023 19:28



Tgt Ion:119 Resp: 30233
 Ion Ratio Lower Upper
 119 100
 134 27.7 0.0 53.2
 91 25.6 0.0 49.4





#83

1,3-Dichlorobenzene

Concen: 4.734 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX036536.D

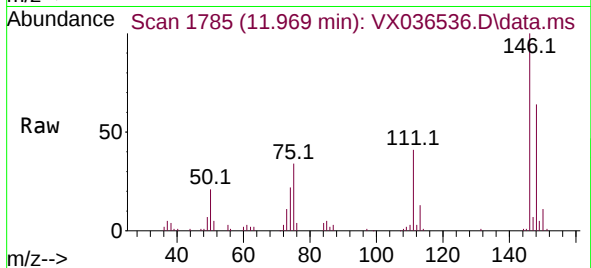
Acq: 13 Jul 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2023



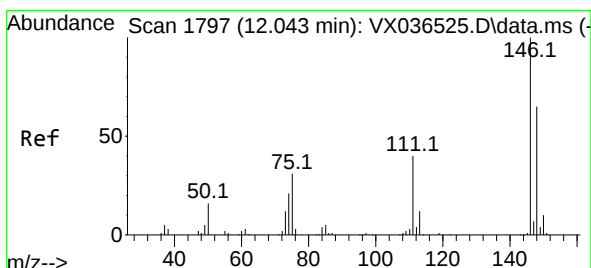
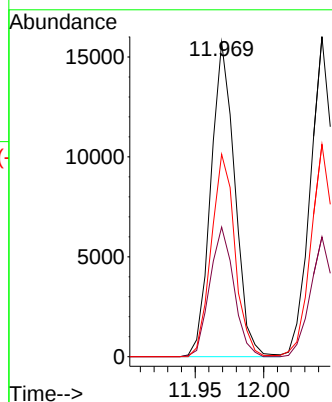
Tgt Ion:146	Resp:	19150
Ion Ratio	Lower	Upper
146	100	
111	41.3	20.4 61.2
148	63.5	31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#84

1,4-Dichlorobenzene

Concen: 4.599 ug/l

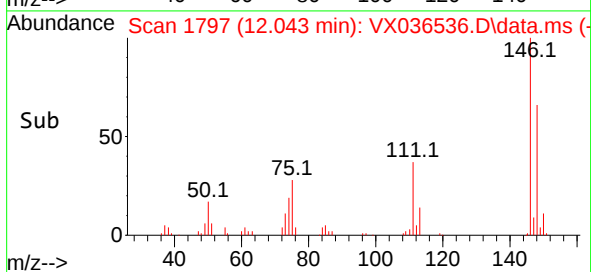
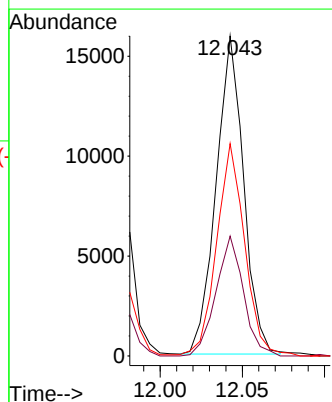
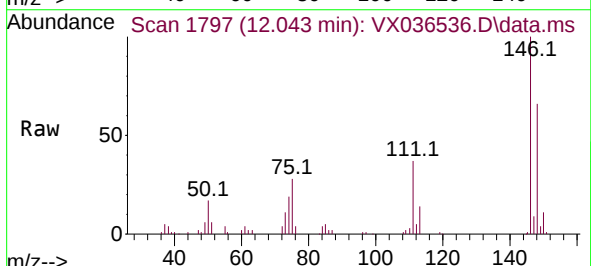
RT: 12.043 min Scan# 1797

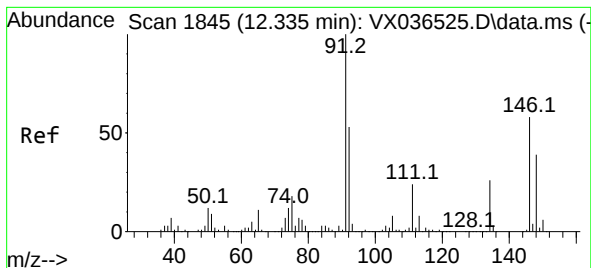
Delta R.T. -0.000 min

Lab File: VX036536.D

Acq: 13 Jul 2023 19:28

Tgt Ion:146	Resp:	18539
Ion Ratio	Lower	Upper
146	100	
111	37.7	20.2 60.6
148	68.1	32.1 96.3





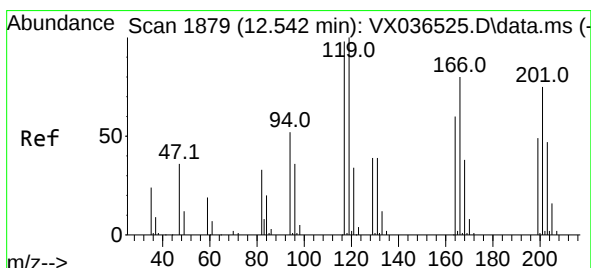
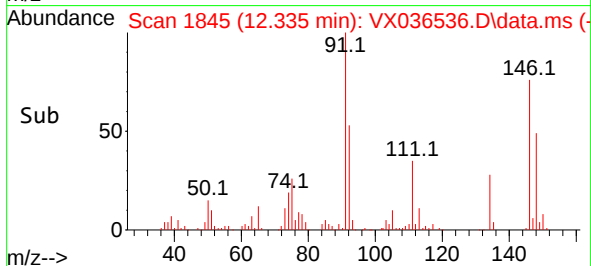
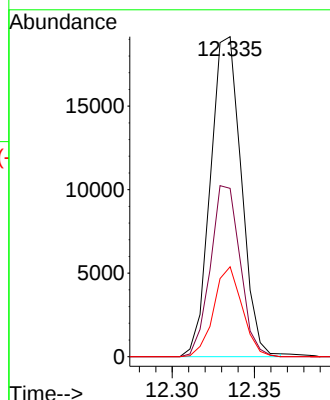
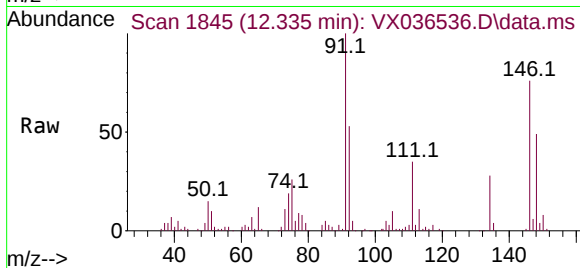
#85
n-Butylbenzene
Concen: 3.654 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2023

Tgt Ion: 91 Resp: 24998
Ion Ratio Lower Upper
91 100
92 51.6 0.0 105.2
134 25.9 0.0 51.4

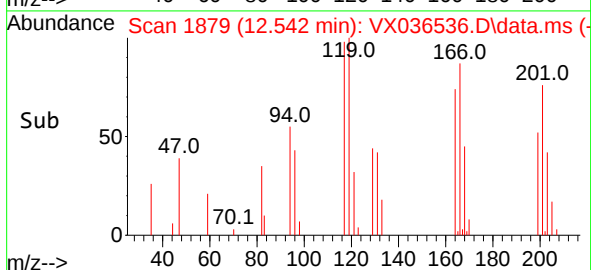
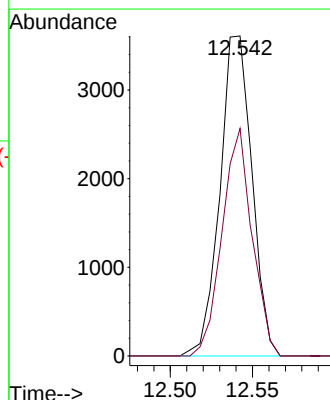
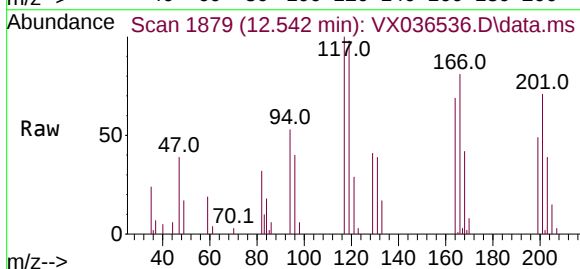
Manual Integrations
APPROVED

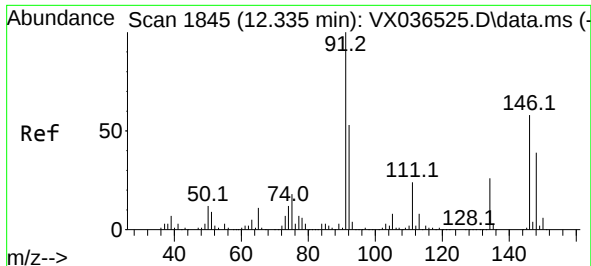
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#86
Hexachloroethane
Concen: 3.940 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

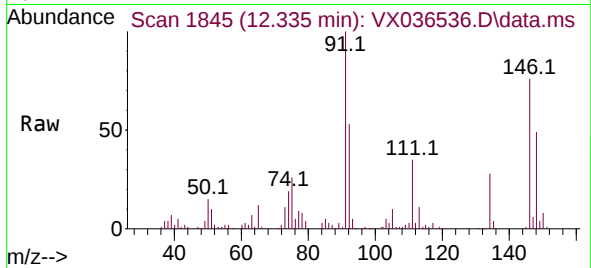
Tgt Ion:117 Resp: 4902
Ion Ratio Lower Upper
117 100
201 66.5 36.0 108.0





#87
1,2-Dichlorobenzene
Concen: 4.659 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

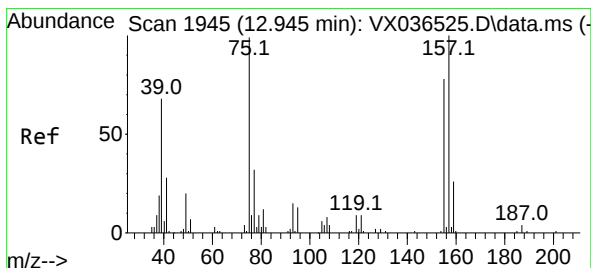
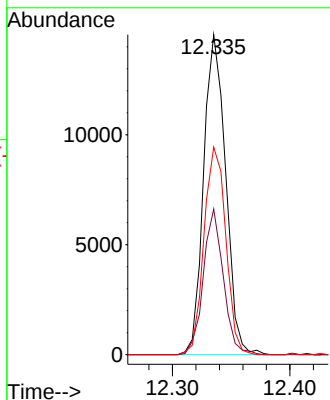
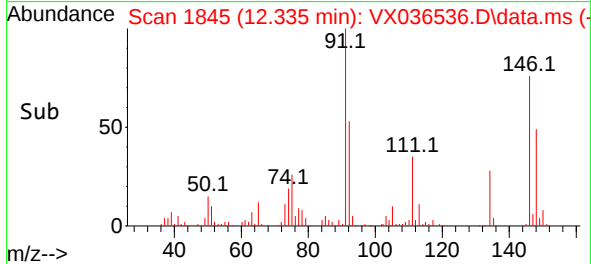
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2023



Tgt Ion:146 Resp: 18900
Ion Ratio Lower Upper
146 100
111 41.5 21.4 64.3
148 64.4 33.2 99.6

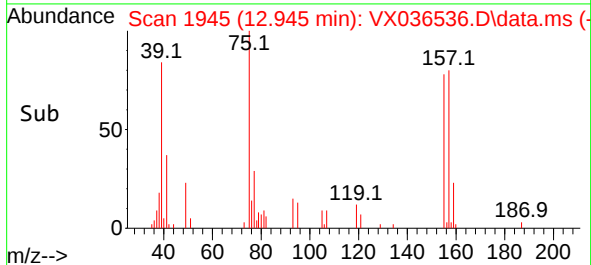
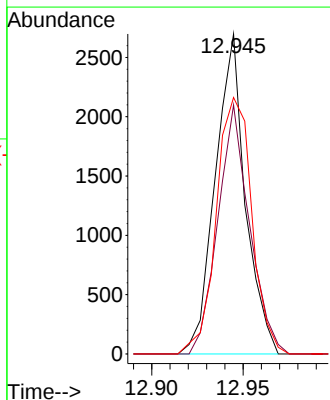
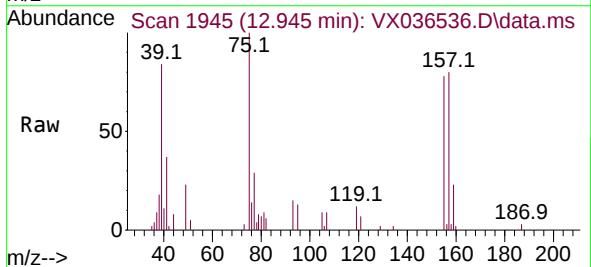
Manual Integrations
APPROVED

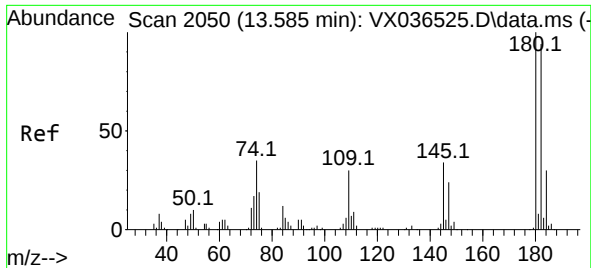
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 4.283 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

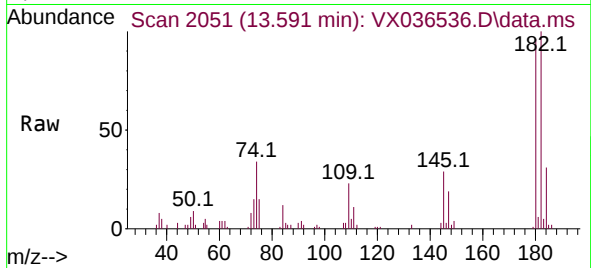
Tgt Ion: 75 Resp: 3093
Ion Ratio Lower Upper
75 100
155 81.7 62.7 94.1
157 94.2 81.5 122.3





#89
 1,2,4-Trichlorobenzene
 Concen: 4.130 ug/l
 RT: 13.591 min Scan# 2050
 Delta R.T. 0.006 min
 Lab File: VX036536.D
 Acq: 13 Jul 2023 19:28

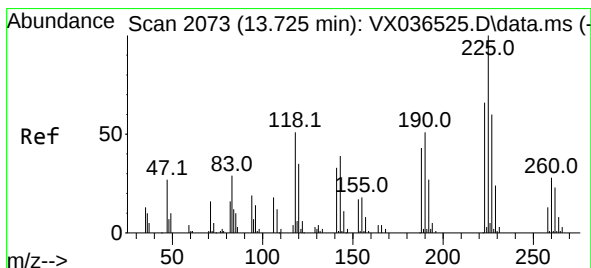
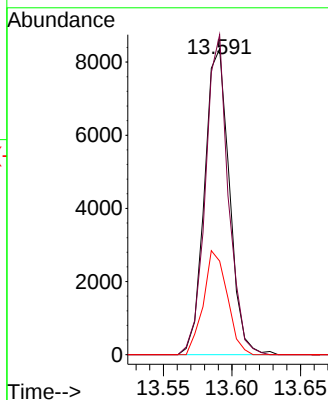
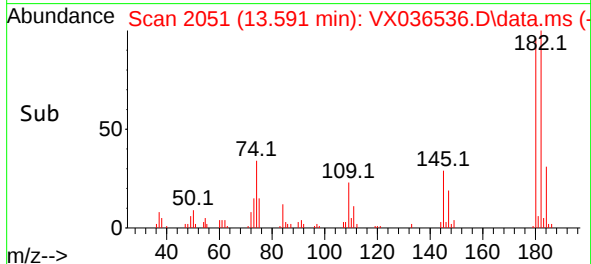
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2023



Tgt Ion:180 Resp: 10569
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.6 113.4
 145 32.5 25.4 38.2

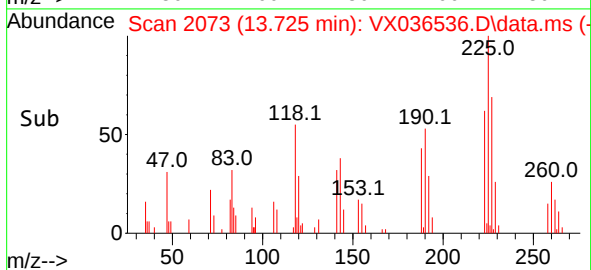
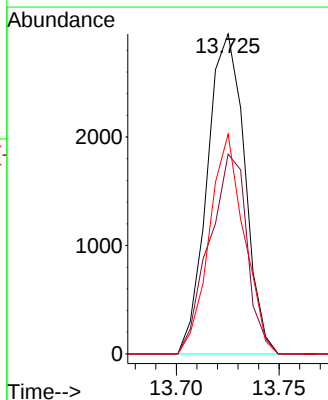
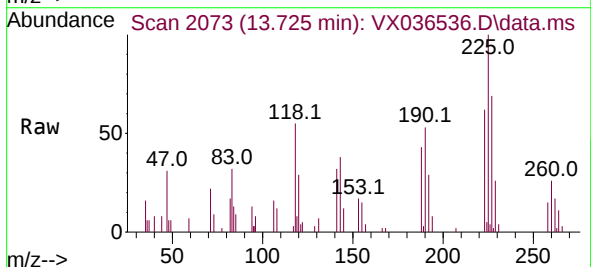
Manual Integrations
 APPROVED

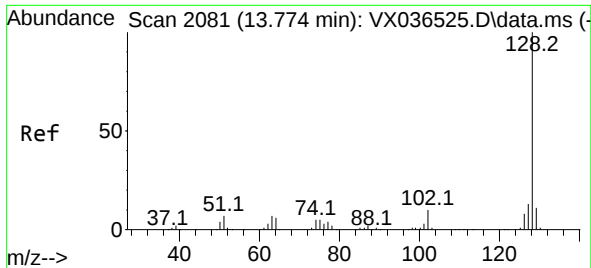
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023



#90
 Hexachlorobutadiene
 Concen: 4.017 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VX036536.D
 Acq: 13 Jul 2023 19:28

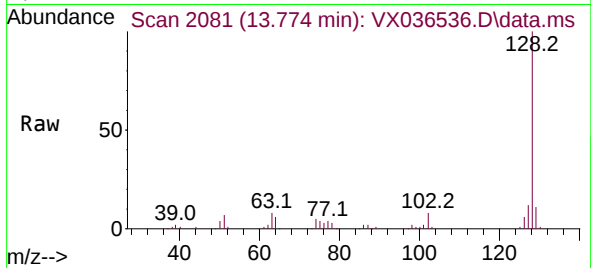
Tgt Ion:225 Resp: 3734
 Ion Ratio Lower Upper
 225 100
 223 63.0 0.0 124.2
 227 64.0 0.0 120.4





#91
Naphthalene
Concen: 4.469 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28

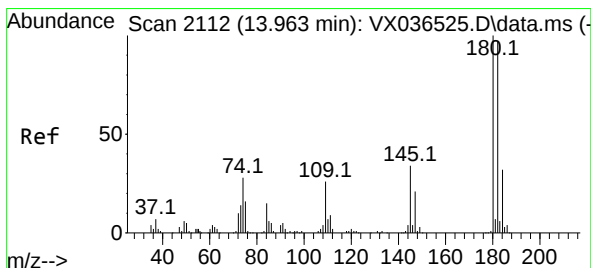
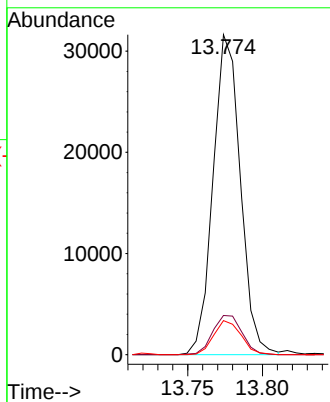
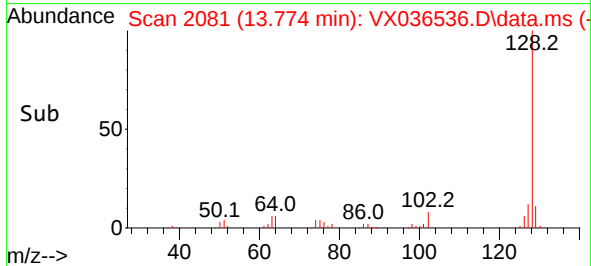
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2023



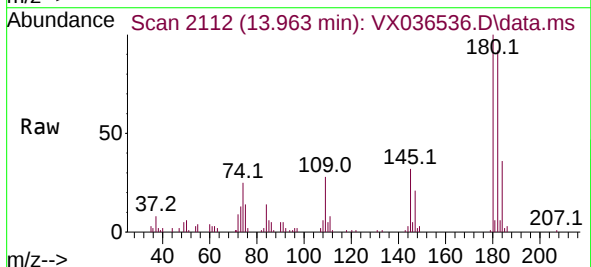
Tgt Ion:128 Resp: 4012
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#92
1,2,3-Trichlorobenzene
Concen: 4.397 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036536.D
Acq: 13 Jul 2023 19:28



Tgt Ion:180 Resp: 11357
Ion Ratio Lower Upper
180 100
182 95.2 0.0 190.6
145 31.7 0.0 66.8

