

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034786.D
 Acq On : 28 Mar 2023 12:00
 Operator : JC/MD
 Sample : 01627-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

Quant Time: Mar 28 15:18:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/30/2023
 Supervised By : Semsettin Yesilyurt 03/29/2023

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

Internal Standards						
1) Bromochloromethane	4.897	128	25241	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	183124	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	191738	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	75922	31.305	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.333%			
60) 4-Bromofluorobenzene	11.079	95	107524	28.065	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.567%			
63) Toluene-d8	8.647	98	199594	30.632	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	12469	5.208	ug/l	99
3) Chloromethane	1.294	50	16432	5.293	ug/l	94
4) Vinyl Chloride	1.374	62	15984	5.219	ug/l	97
5) Bromomethane	1.618	94	13055	6.480	ug/l	97
6) Chloroethane	1.691	64	10696	5.366	ug/l	94
7) Trichlorofluoromethane	1.886	101	27839	5.706	ug/l	92
8) Diethyl Ether	2.136	74	9990	5.688	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	14077	5.688	ug/l	98
10) 1,1-Dichloroethene	2.319	96	13227	5.279	ug/l	94
11) Methyl Iodide	2.453	142	13652	4.279	ug/l	97
12) Methyl Acetate	2.709	43	29484	5.314	ug/l	97
13) Acrolein	2.239	56	18055	28.062	ug/l	99
14) Acrylonitrile	3.068	53	40034	26.204	ug/l	98
15) Acetone	2.392	58	11252	27.128	ug/l	90
16) Carbon Disulfide	2.514	76	30122	4.700	ug/l	98
17) Allyl chloride	2.666	41	25042	5.165	ug/l	97
18) Methylene Chloride	2.788	84	16001	5.422	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	14829	5.409	ug/l	91
20) Diisopropyl ether	3.757	45	52778	5.314	ug/l #	91
21) 1,1-Dichloroethane	3.611	63	28457	5.358	ug/l	98
22) cis-1,2-Dichloroethene	4.495	96	16852	5.278	ug/l	99
23) tert-Butyl Alcohol	3.001	59	18675m	27.167	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	49377	5.304	ug/l	96
25) Chloroform	5.093	83	28526	5.281	ug/l	100
26) Cyclohexane	5.471	56	25446	5.467	ug/l #	95
29) 1,1-Dichloropropene	5.690	75	20469	4.860	ug/l	85
30) 2-Butanone	4.568	43	58906	25.078	ug/l	99
31) 2,2-Dichloropropane	4.477	77	21139	4.949	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	22677	4.590	ug/l	99
33) Carbon Tetrachloride	5.678	117	18399	4.512	ug/l	98
34) Benzene	6.037	78	62658	5.119	ug/l	97
35) Methacrylonitrile	4.922	41	12897m	5.017	ug/l	
36) 1,2-Dichloroethane	6.092	62	24471	5.099	ug/l	97
37) Trichloroethene	7.129	130	15501	4.976	ug/l	99
38) Methylcyclohexane	7.379	83	23877	5.189	ug/l	99
39) 1,2-Dichloropropane	7.427	63	16434	5.165	ug/l	100
40) Dibromomethane	7.580	93	10723	4.906	ug/l	99
41) Bromodichloromethane	7.824	83	18216	4.425	ug/l #	98
42) Vinyl Acetate	3.721	43	179526	23.428	ug/l	100

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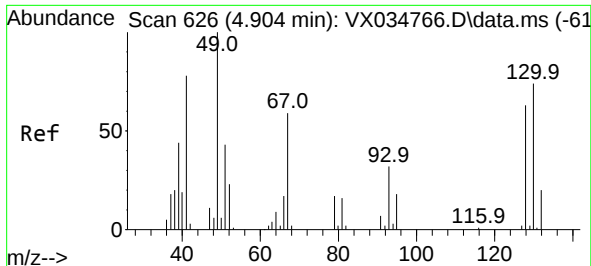
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	19812	4.349	ug/l	96
44) Isopropyl Acetate	6.342	43	34841	4.518	ug/l	97
45) 1,4-Dioxane	7.708	88	7944m	103.976	ug/l	
46) Methyl methacrylate	7.696	41	17128	4.558	ug/l	95
47) n-amyl Acetate	10.848	43	26085	3.891	ug/l	100
48) t-1,3-Dichloropropene	8.982	75	17697	3.946	ug/l	93
49) cis-1,3-Dichloropropene	8.366	75	20485	4.157	ug/l	92
50) 1,1,2-Trichloroethane	9.153	97	15395	5.056	ug/l	96
51) Ethyl methacrylate	9.116	69	22033	4.459	ug/l	95
52) 1,3-Dichloropropane	9.311	76	26918	5.005	ug/l	98
53) Dibromochloromethane	9.519	129	12047	4.000	ug/l	98
54) 1,2-Dibromoethane	9.610	107	15198	4.666	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	60320	23.195	ug/l	99
56) Bromoform	10.799	173	7399	3.563	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	111817	25.435	ug/l	100
59) 2-Hexanone	9.433	43	85036	25.691	ug/l	97
61) Tetrachloroethene	9.275	164	14464	5.599	ug/l	93
62) Toluene	8.720	91	66149	5.276	ug/l	100
64) Chlorobenzene	10.079	112	40853	5.291	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.159	131	12456	4.513	ug/l	98
66) Ethyl Benzene	10.195	91	70813	5.071	ug/l	96
67) m/p-Xylenes	10.299	106	54386	10.236	ug/l	100
68) o-Xylene	10.640	106	27248	5.186	ug/l	98
69) Styrene	10.659	104	39747	4.589	ug/l	98
70) Isopropylbenzene	10.963	105	68613	5.046	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	22394	5.010	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	19927m	4.897	ug/l	
73) Bromobenzene	11.201	156	16568	5.073	ug/l	97
74) n-propylbenzene	11.305	91	77945	4.924	ug/l	100
75) 2-Chlorotoluene	11.366	91	49837	5.050	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	55340	4.834	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	3926	3.142	ug/l	85
78) 4-Chlorotoluene	11.457	91	55618	4.916	ug/l	99
79) tert-butylbenzene	11.713	119	52852	4.837	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	56465	4.964	ug/l	99
81) sec-Butylbenzene	11.890	105	65543	4.950	ug/l	100
82) p-Isopropyltoluene	12.006	119	53679	4.804	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	30216	4.899	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	31197	5.037	ug/l	98
85) n-Butylbenzene	12.335	91	44068	4.576	ug/l	99
86) Hexachloroethane	12.536	117	6868	3.753	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	30467	5.049	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	3708	3.796	ug/l	89
89) 1,2,4-Trichlorobenzene	13.591	180	17559	4.850	ug/l	96
90) Hexachlorobutadiene	13.725	225	6835	4.896	ug/l #	58
91) Naphthalene	13.774	128	57325	4.482	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	17321	4.786	ug/l	97

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.897 min Scan# 61

Delta R.T. -0.007 min

Lab File: VX034786.D

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Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

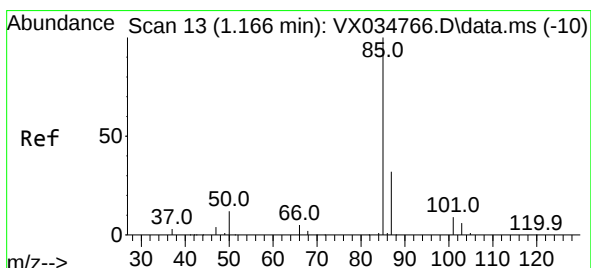
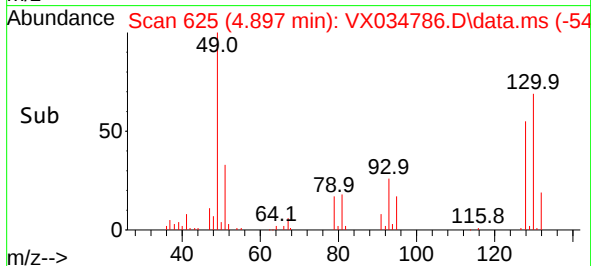
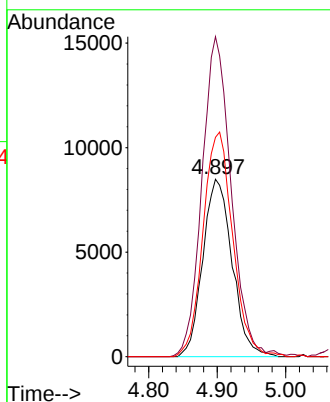
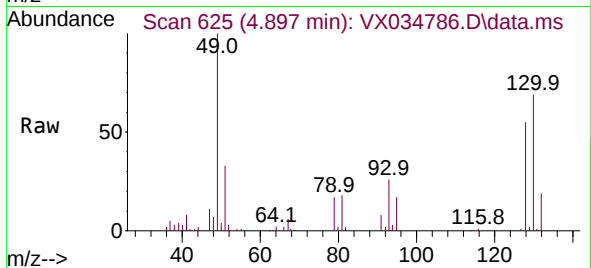
Tgt Ion:128 Resp: 2524
 Ion Ratio Lower Upper
 128 100
 49 177.9 0.0 428.8
 130 127.7 0.0 310.8

Manual Integrations

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Reviewed By :John Carlone 03/30/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#2

Dichlorodifluoromethane

Concen: 5.208 ug/l

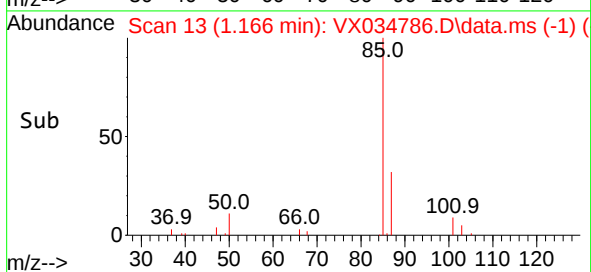
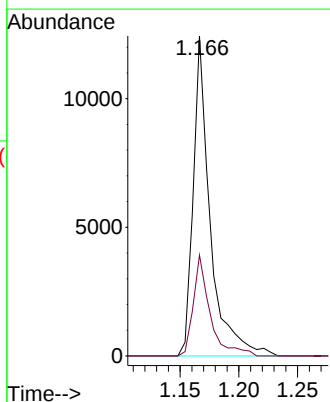
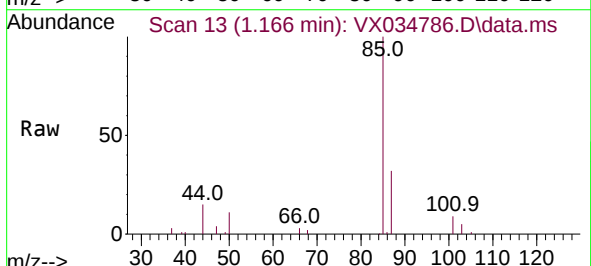
RT: 1.166 min Scan# 13

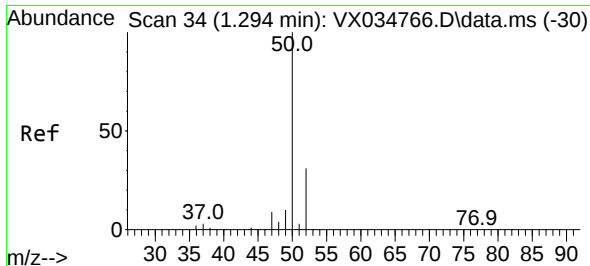
Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

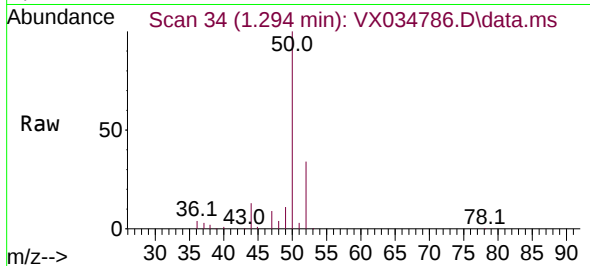
Tgt Ion: 85 Resp: 12469
 Ion Ratio Lower Upper
 85 100
 87 31.6 16.0 48.0





#3
Chloromethane
Concen: 5.293 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

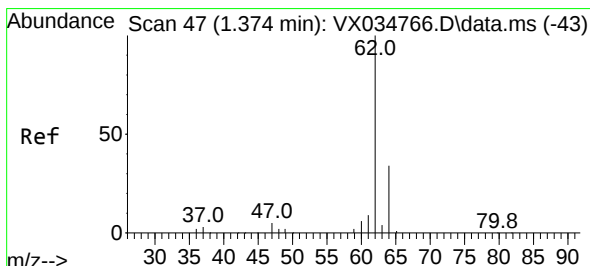
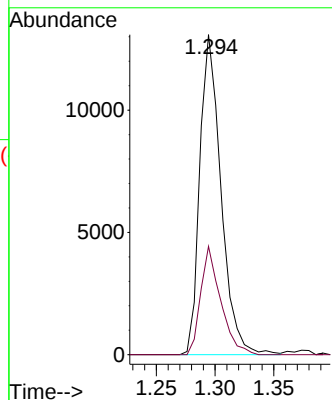
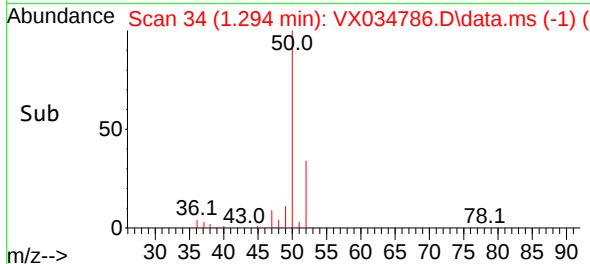
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion: 50 Resp: 1643
Ion Ratio Lower Upper
50 100
52 33.8 24.6 36.8

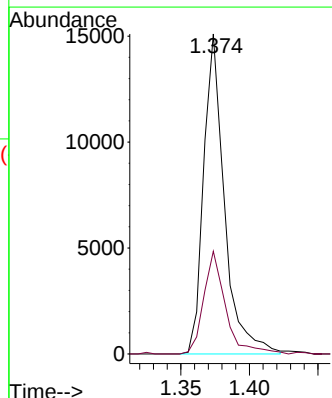
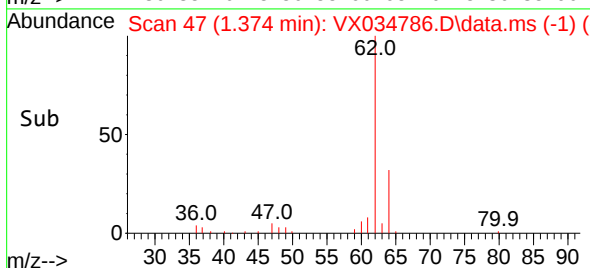
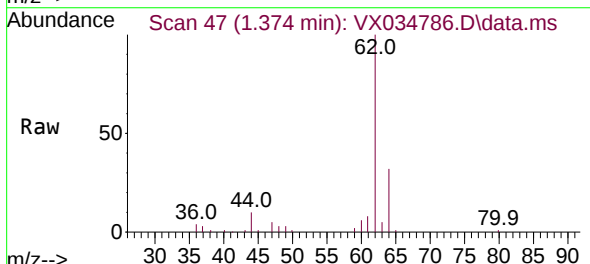
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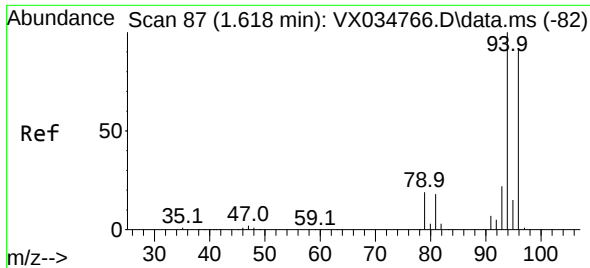
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#4
Vinyl Chloride
Concen: 5.219 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

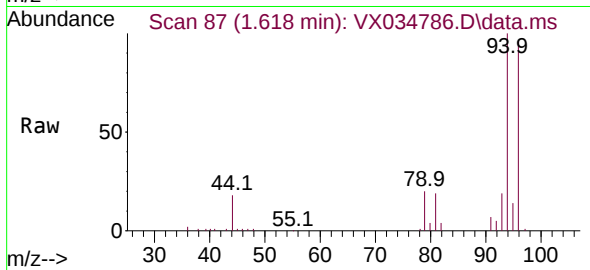
Tgt Ion: 62 Resp: 15984
Ion Ratio Lower Upper
62 100
64 32.1 26.9 40.3





#5
Bromomethane
Concen: 6.480 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

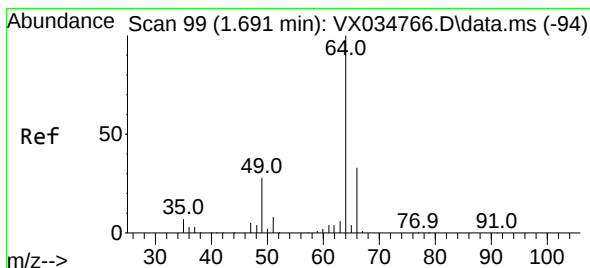
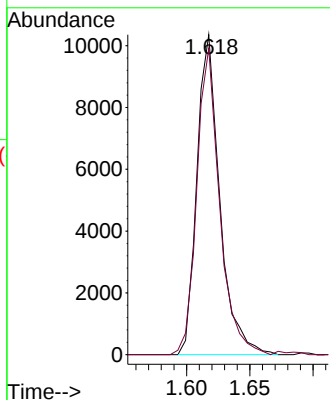
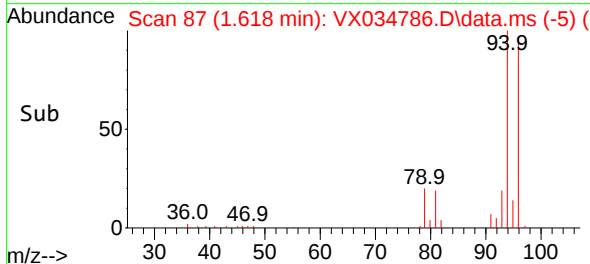
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 94 Resp: 1305
Ion Ratio Lower Upper
94 100
96 94.7 73.4 110.0

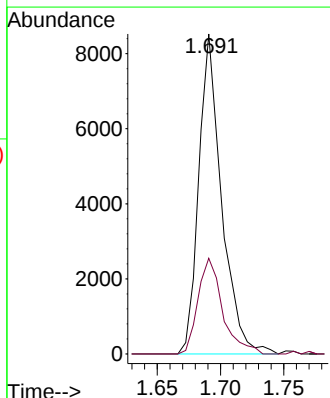
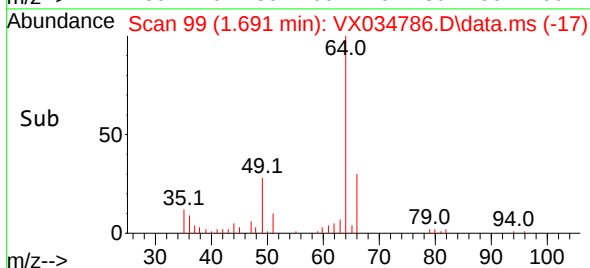
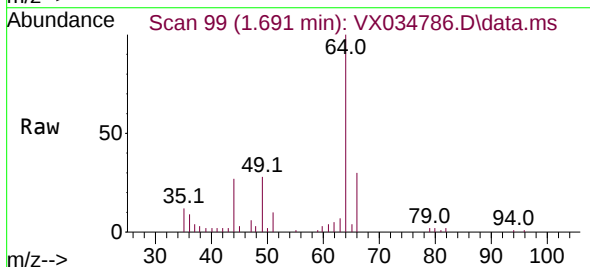
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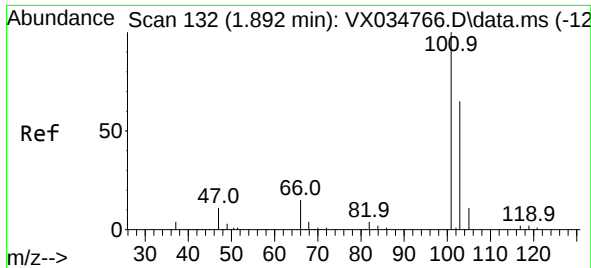
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#6
Chloroethane
Concen: 5.366 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

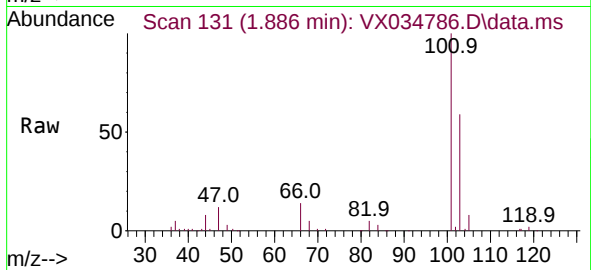
Tgt Ion: 64 Resp: 10696
Ion Ratio Lower Upper
64 100
66 29.9 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 5.706 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX034786.D
 Acq: 28 Mar 2023 12:00

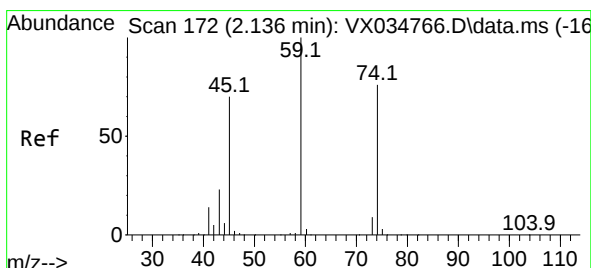
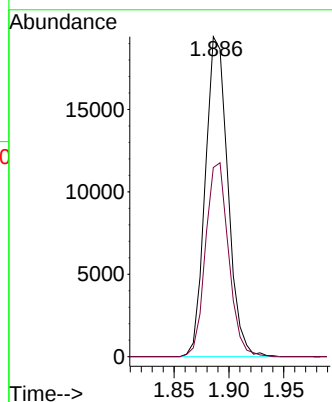
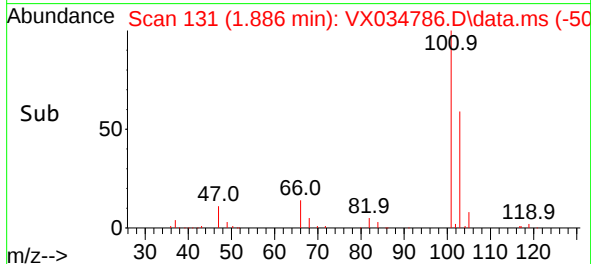
Instrument : MSVOA_X
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Tgt Ion:101 Resp: 27839
 Ion Ratio Lower Upper
 101 100
 103 59.1 52.1 78.1

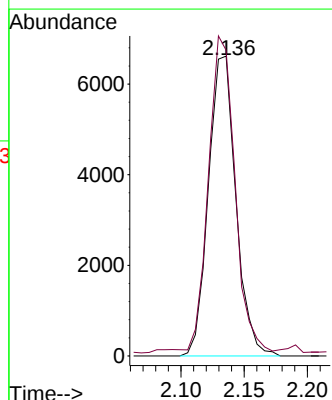
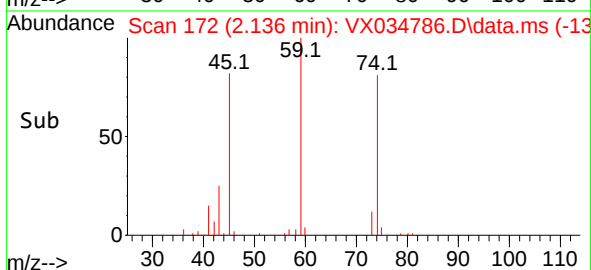
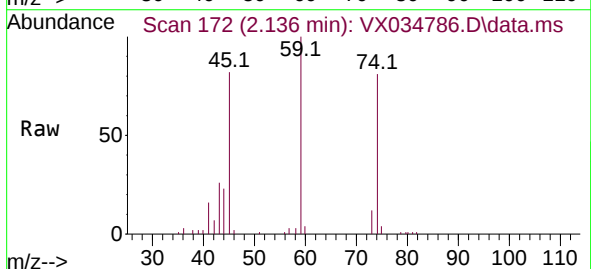
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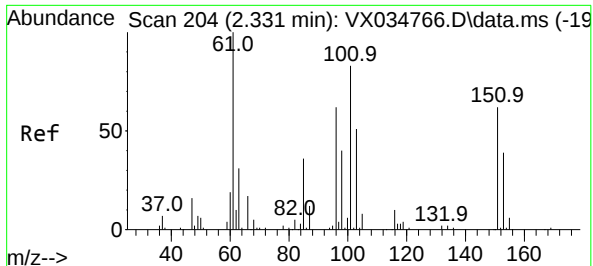
Reviewed By :John Carlone 03/30/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023



#8
 Diethyl Ether
 Concen: 5.688 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX034786.D
 Acq: 28 Mar 2023 12:00

Tgt Ion: 74 Resp: 9990
 Ion Ratio Lower Upper
 74 100
 45 104.6 20.5 184.5





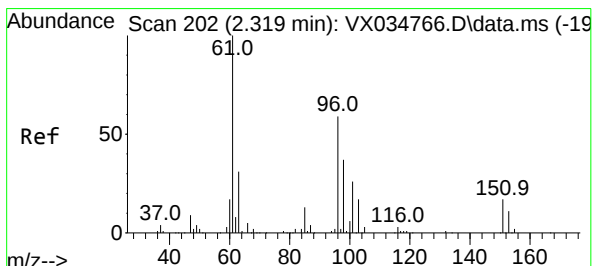
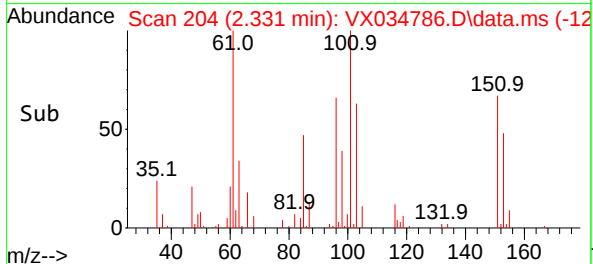
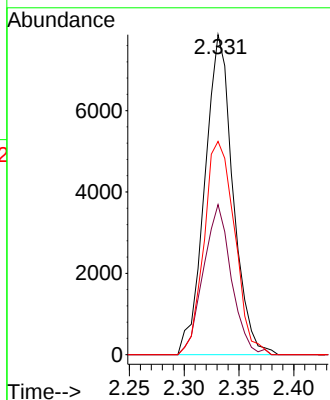
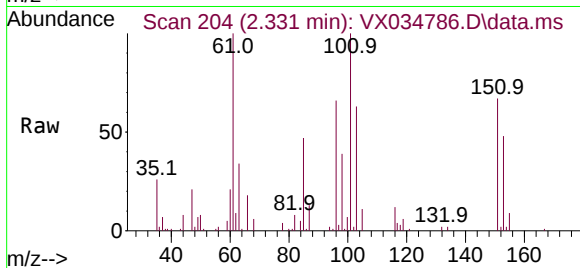
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.688 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:101 Resp: 1407
Ion Ratio Lower Upper
101 100
85 46.1 0.0 88.8
151 72.4 0.0 147.6

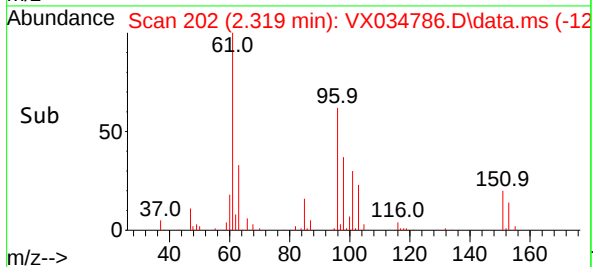
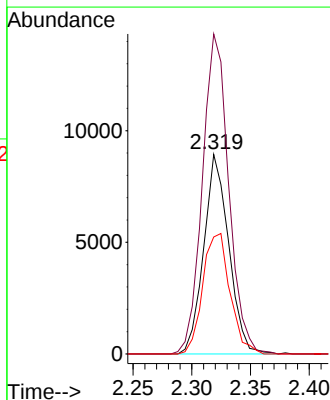
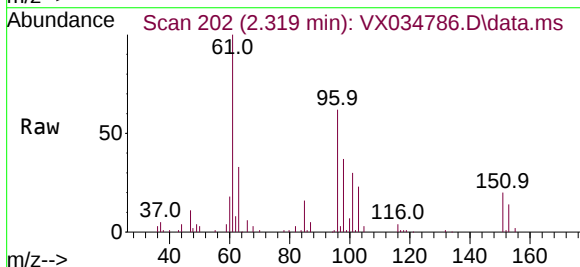
Manual Integrations
APPROVED

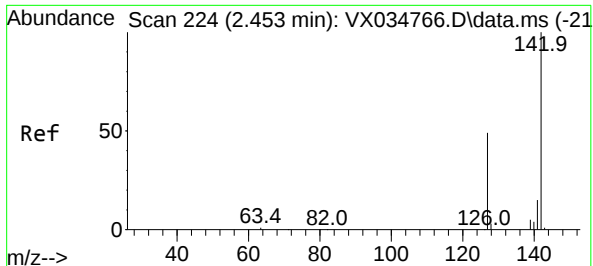
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#10
1,1-Dichloroethene
Concen: 5.279 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

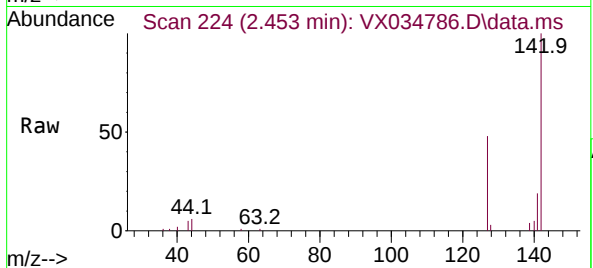
Tgt Ion: 96 Resp: 13227
Ion Ratio Lower Upper
96 100
61 160.3 135.8 203.6
98 58.6 49.8 74.6





#11
Methyl Iodide
Concen: 4.279 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

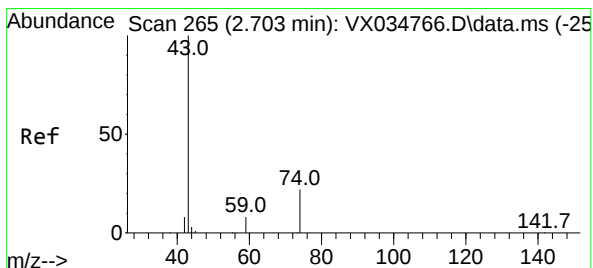
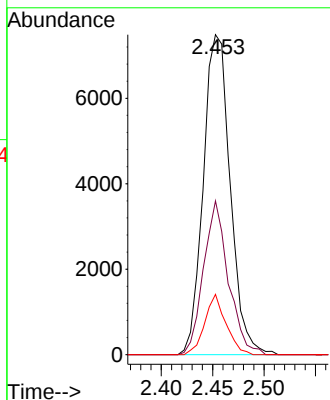
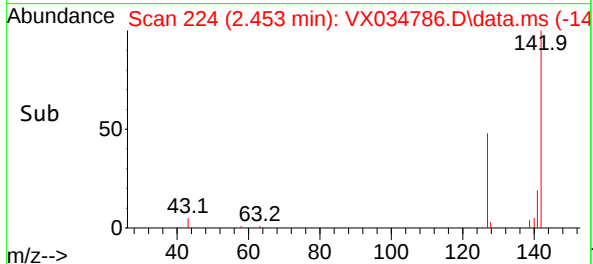
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:142 Resp: 13652
Ion Ratio Lower Upper
142 100
127 48.1 24.5 73.5
141 18.8 7.6 22.8

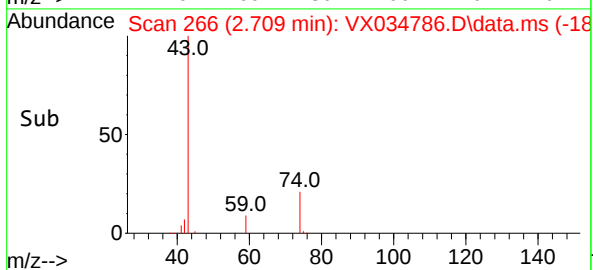
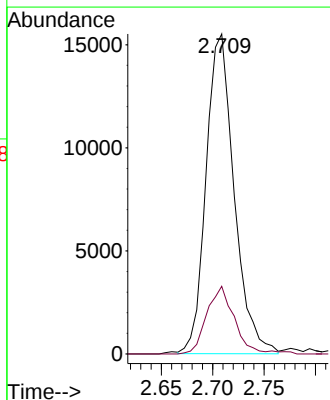
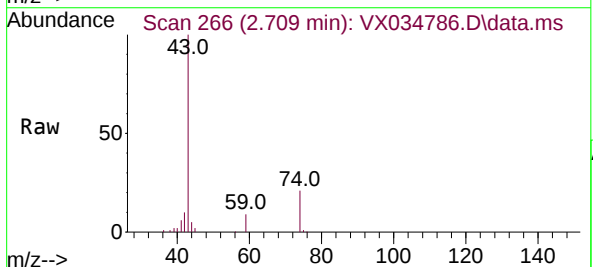
Manual Integrations
APPROVED

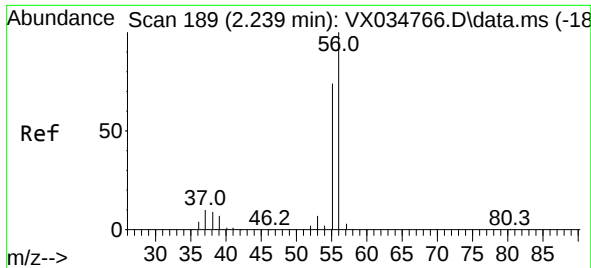
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#12
Methyl Acetate
Concen: 5.314 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

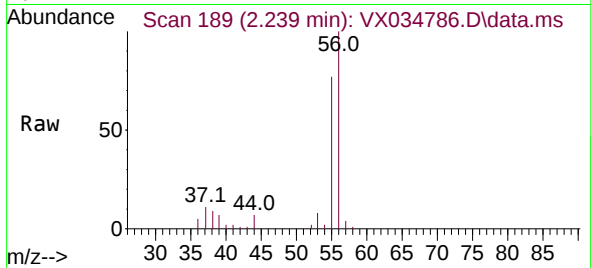
Tgt Ion: 43 Resp: 29484
Ion Ratio Lower Upper
43 100
74 21.0 18.0 27.0





#13
Acrolein
Concen: 28.062 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

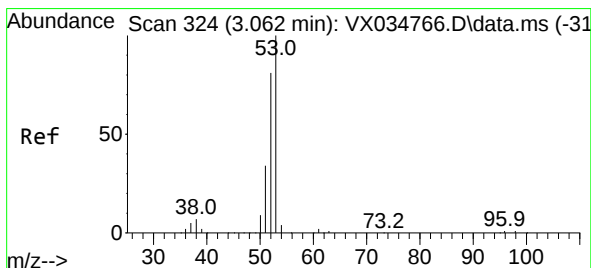
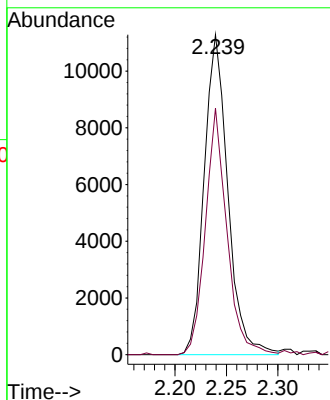
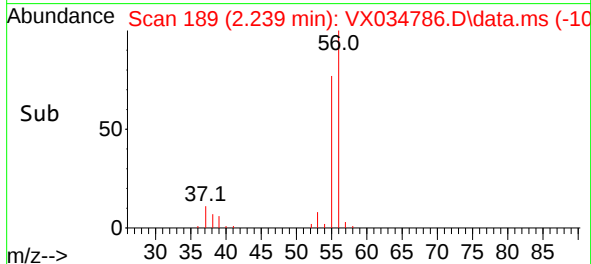
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



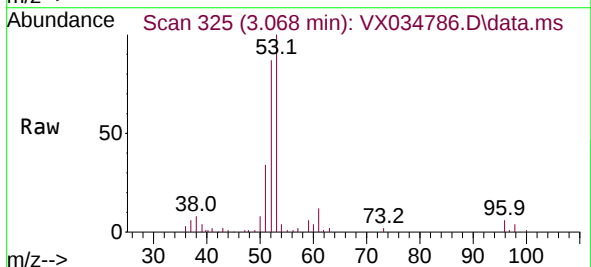
Tgt Ion: 56 Resp: 1805
Ion Ratio Lower Upper
56 100
55 70.0 56.6 85.0

Manual Integrations
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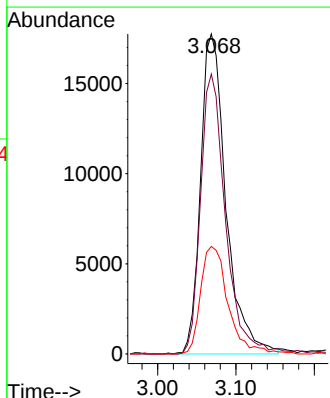
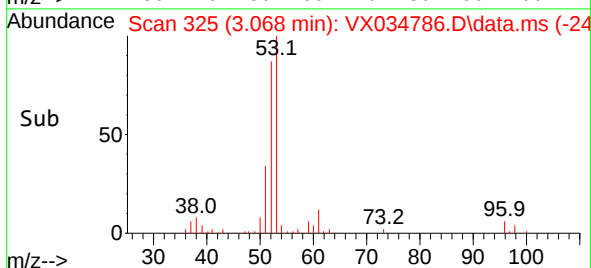
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

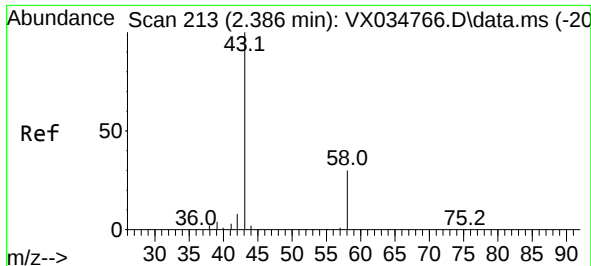


#14
Acrylonitrile
Concen: 26.204 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00



Tgt Ion: 53 Resp: 40034
Ion Ratio Lower Upper
53 100
52 84.8 41.3 123.7
51 34.8 17.9 53.7





#15

Acetone

Concen: 27.128 ug/l

RT: 2.392 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 58 Resp: 1125

Ion Ratio Lower Upper

58 100

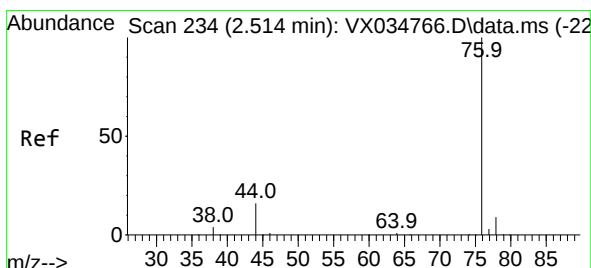
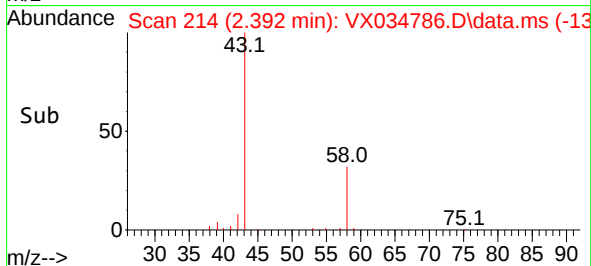
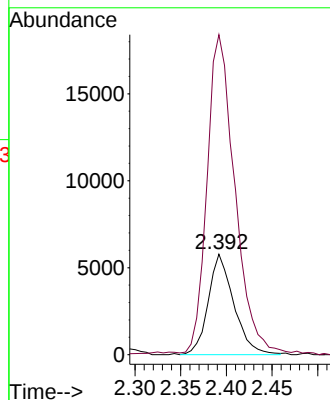
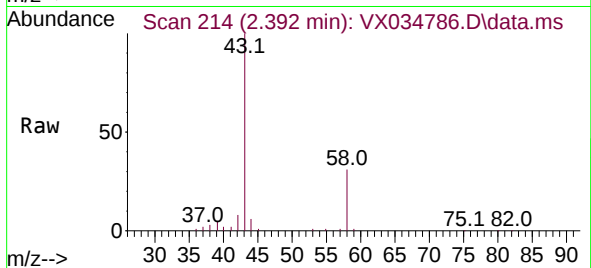
43 317.0 270.8 406.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#16

Carbon Disulfide

Concen: 4.700 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX034786.D

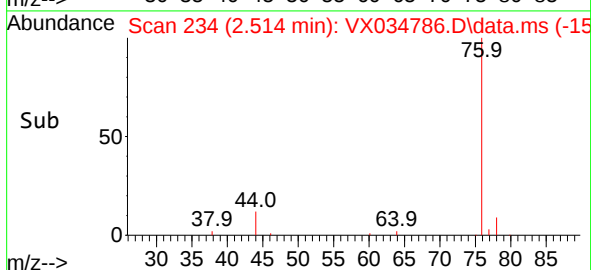
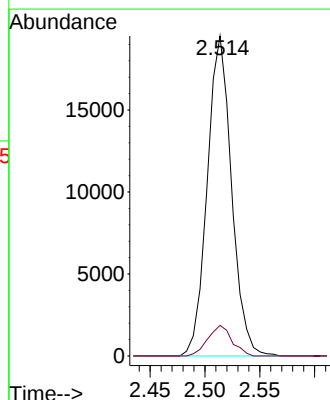
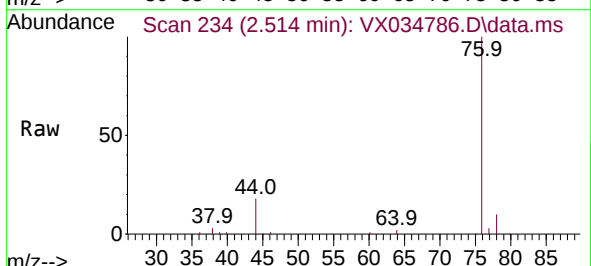
Acq: 28 Mar 2023 12:00

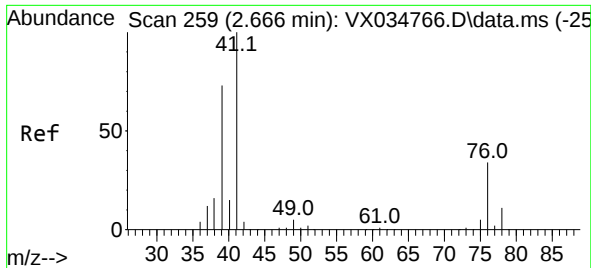
Tgt Ion: 76 Resp: 30122

Ion Ratio Lower Upper

76 100

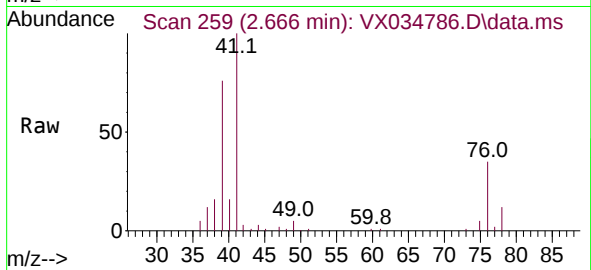
78 9.6 7.0 10.6





#17
 Allyl chloride
 Concen: 5.165 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX034786.D
 Acq: 28 Mar 2023 12:00

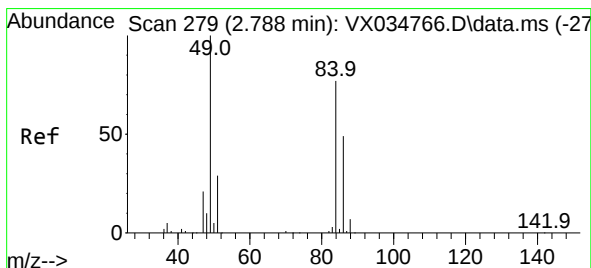
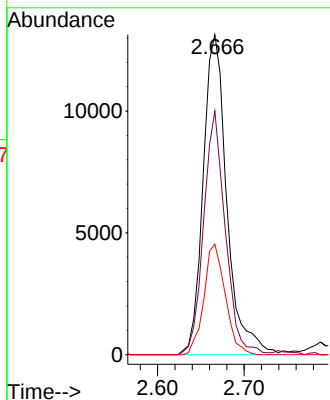
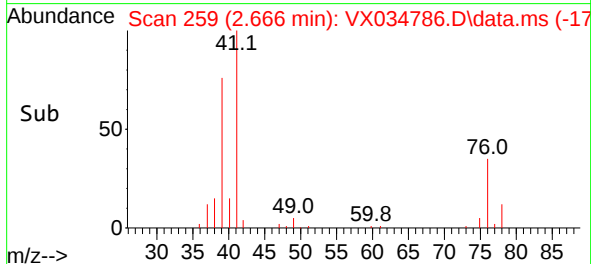
Instrument : MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2023



Tgt Ion: 41 Resp: 2504
 Ion Ratio Lower Upper
 41 100
 39 76.1 36.4 109.3
 76 34.6 17.0 51.0

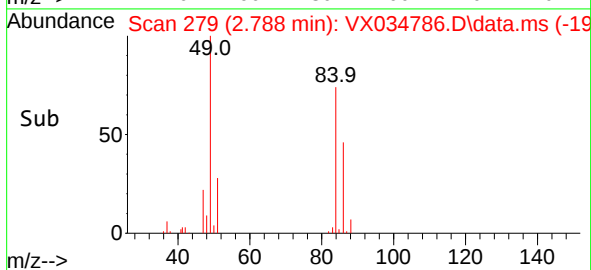
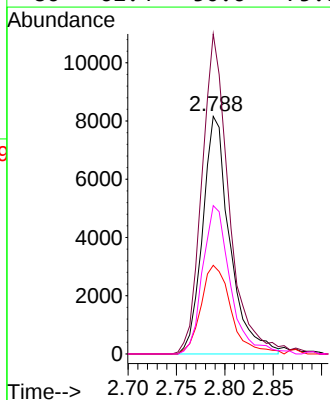
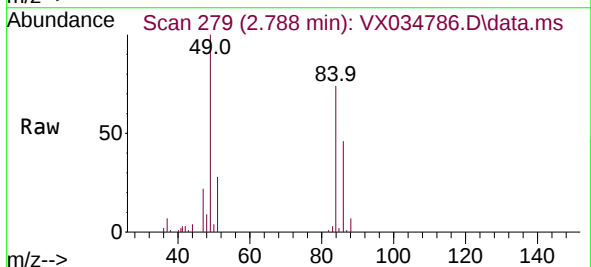
Manual Integrations
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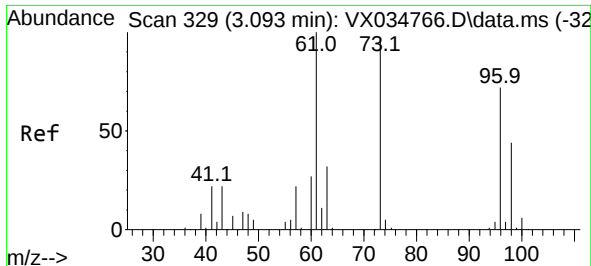
Reviewed By :John Carlone 03/30/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023



#18
 Methylene Chloride
 Concen: 5.422 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX034786.D
 Acq: 28 Mar 2023 12:00

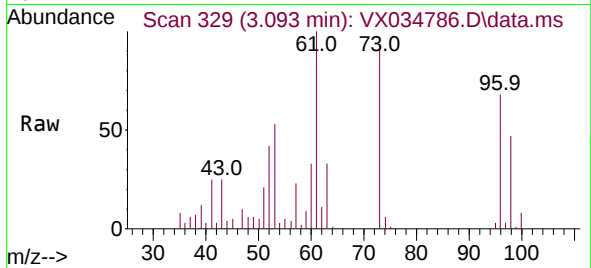
Tgt Ion: 84 Resp: 16001
 Ion Ratio Lower Upper
 84 100
 49 133.9 103.9 155.9
 51 37.3 30.6 45.8
 86 62.4 50.6 75.8





#19
trans-1,2-Dichloroethene
Concen: 5.409 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

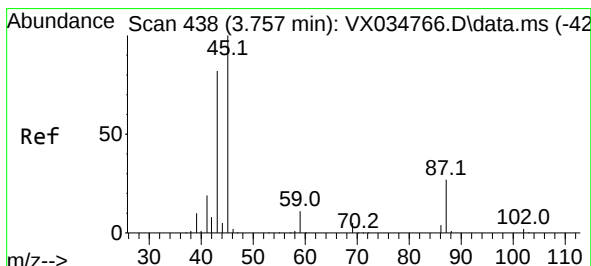
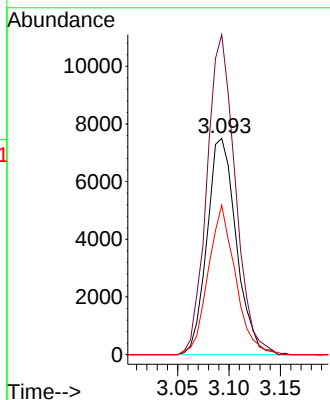
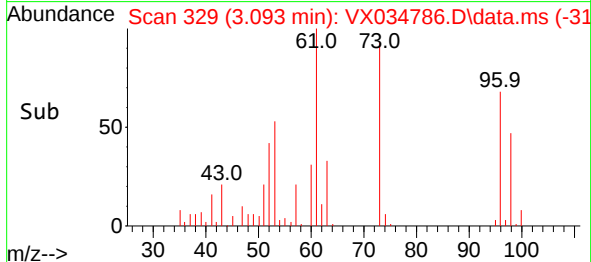
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 96 Resp: 14829
Ion Ratio Lower Upper
96 100
61 147.9 111.1 166.7
98 69.1 48.6 72.8

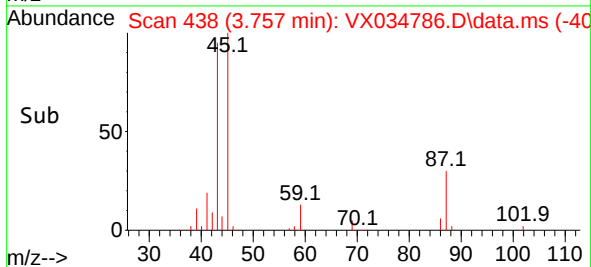
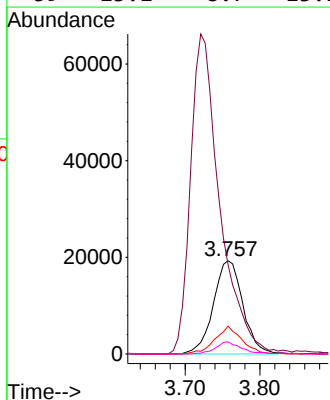
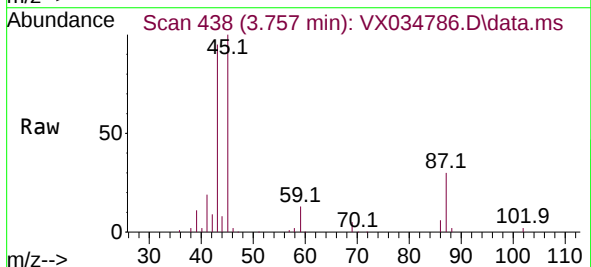
Manual Integrations
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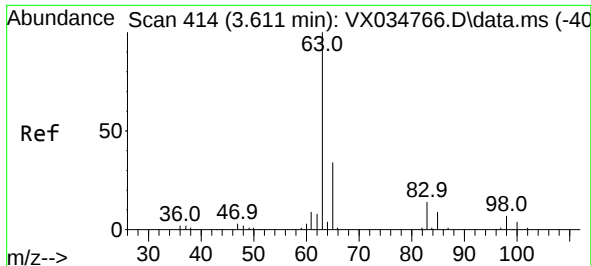
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#20
Diisopropyl ether
Concen: 5.314 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 45 Resp: 52778
Ion Ratio Lower Upper
45 100
43 92.3 66.0 99.0
87 29.8 21.8 32.6
59 13.1 8.7 13.1#





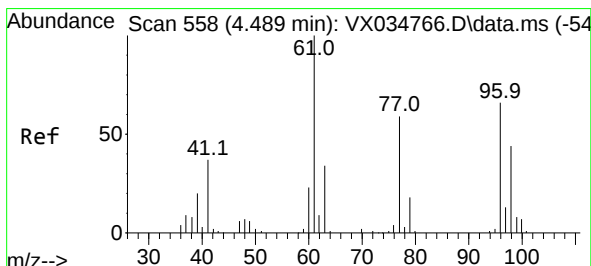
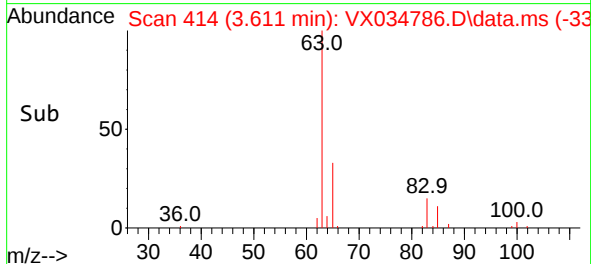
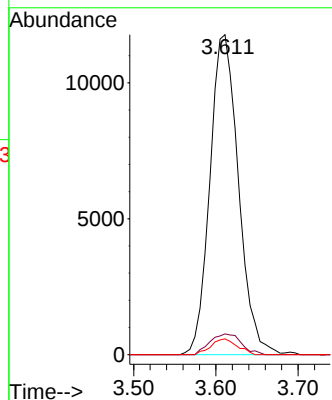
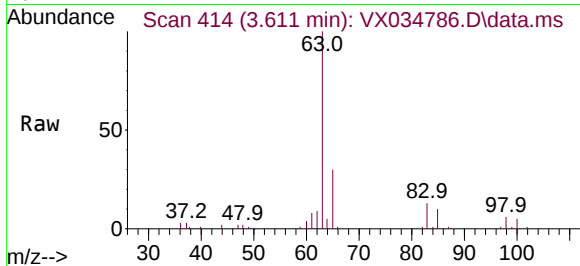
#21
1,1-Dichloroethane
Concen: 5.358 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 63 Resp: 2845
Ion Ratio Lower Upper
63 100
98 6.5 3.5 10.6
100 5.0 2.2 6.6

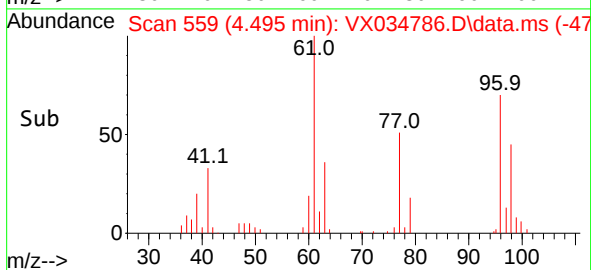
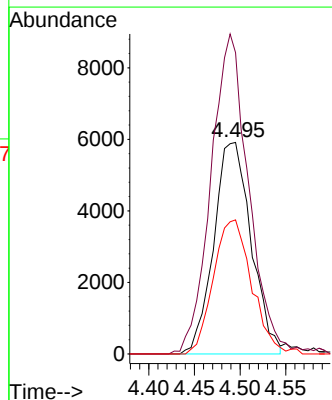
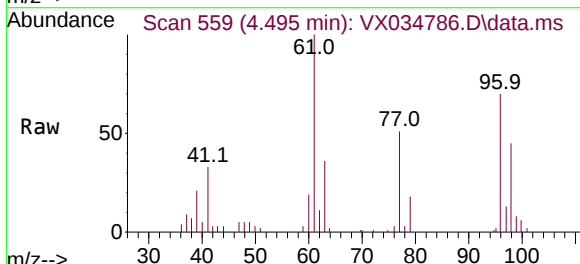
Manual Integrations
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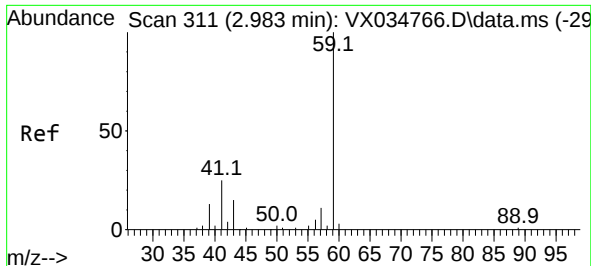
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#22
cis-1,2-Dichloroethene
Concen: 5.278 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 96 Resp: 16852
Ion Ratio Lower Upper
96 100
61 151.6 121.7 182.5
98 64.4 52.2 78.2





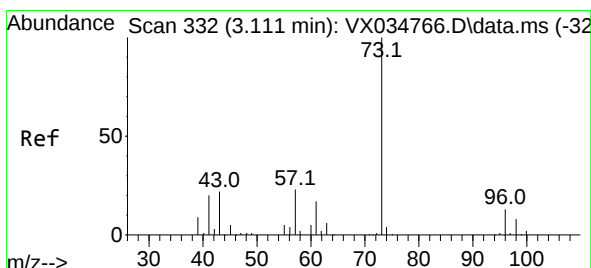
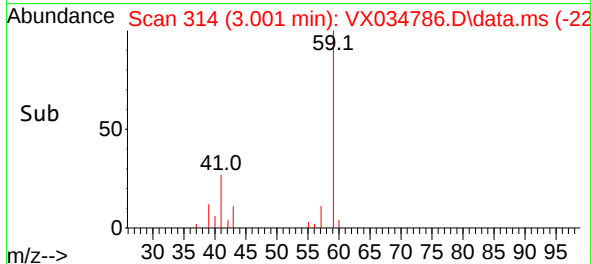
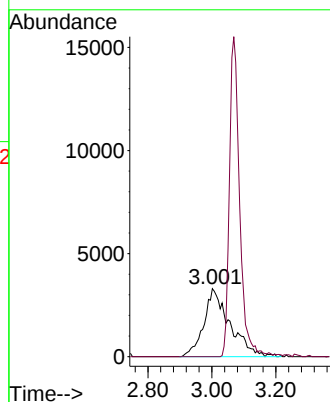
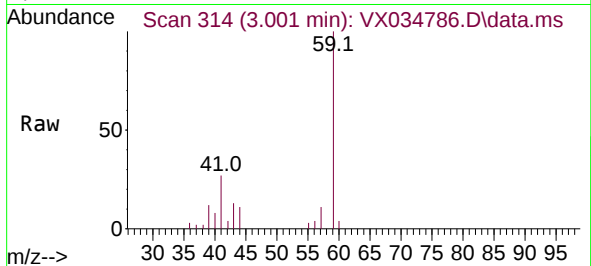
#23
tert-Butyl Alcohol
Concen: 27.167 ug/l m
RT: 3.001 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 59 Resp: 1867
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4

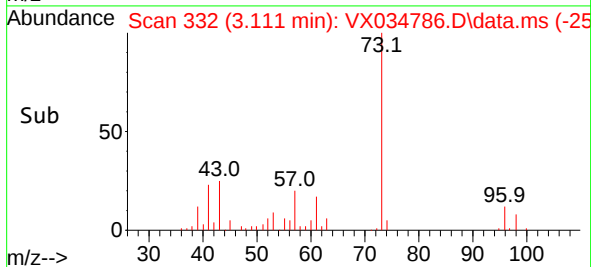
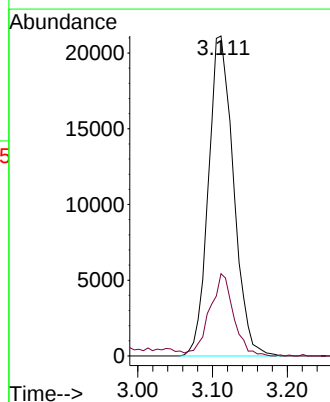
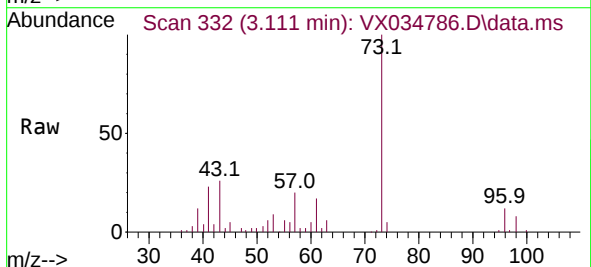
Manual Integrations
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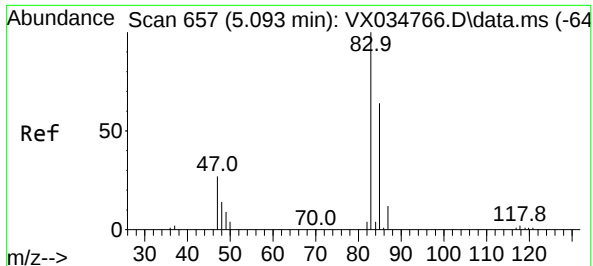
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#24
Methyl tert-Butyl Ether
Concen: 5.304 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 73 Resp: 49377
Ion Ratio Lower Upper
73 100
43 24.6 17.9 26.9





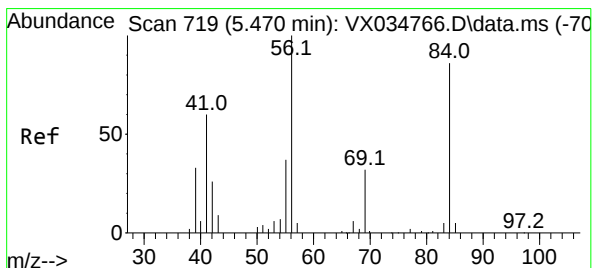
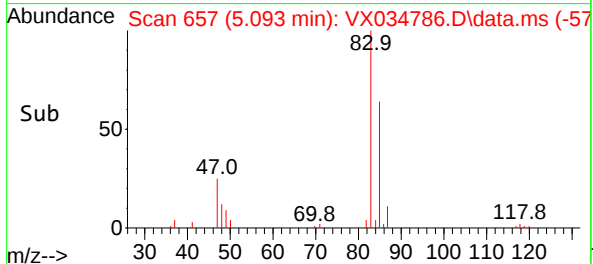
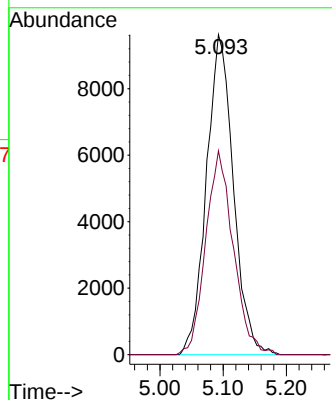
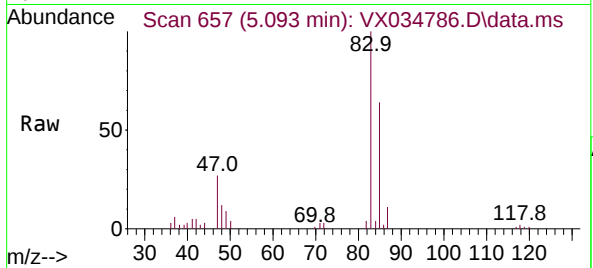
#25
Chloroform
Concen: 5.281 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 83 Resp: 28520
Ion Ratio Lower Upper
83 100
85 63.7 51.2 76.8

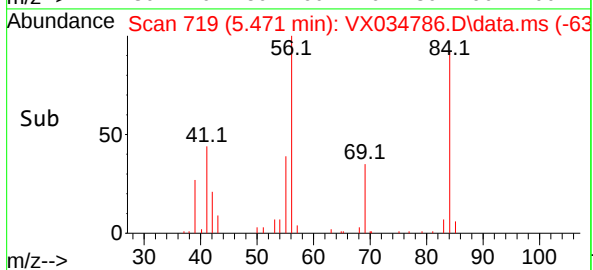
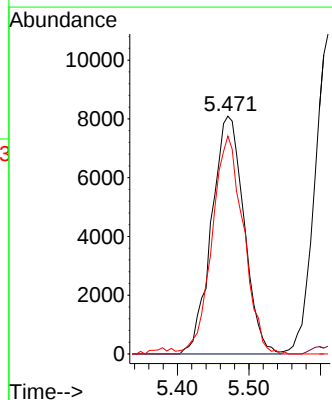
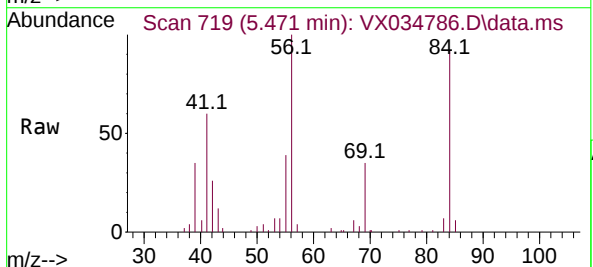
Manual Integrations
APPROVED

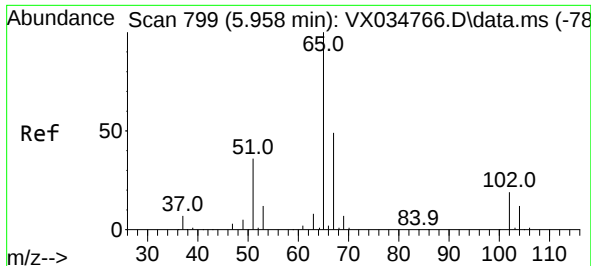
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#26
Cyclohexane
Concen: 5.467 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 56 Resp: 25446
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.9 67.4 101.2





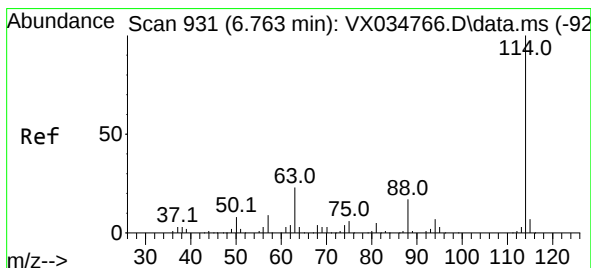
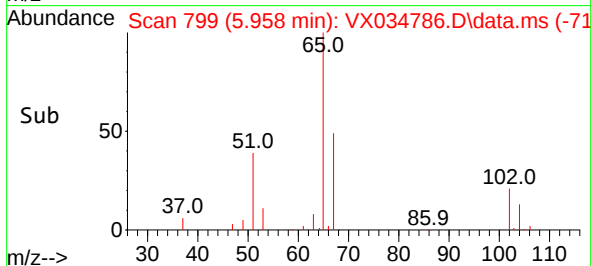
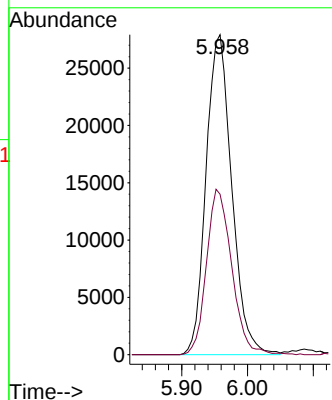
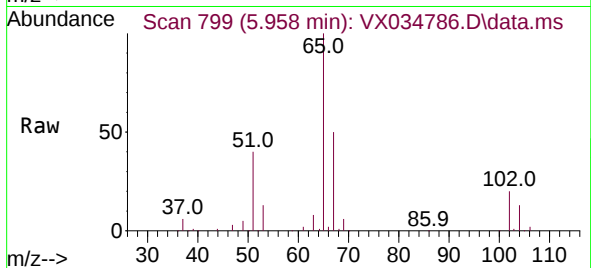
#27
1,2-Dichloroethane-d4
Concen: 31.305 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 65 Resp: 7592
Ion Ratio Lower Upper
65 100
67 50.6 40.9 61.3

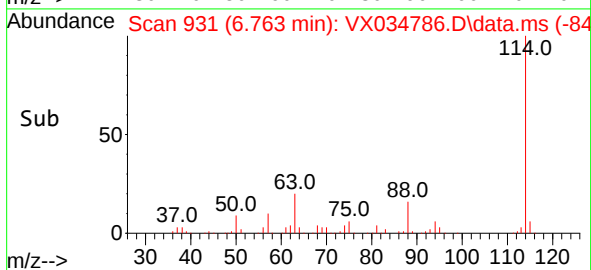
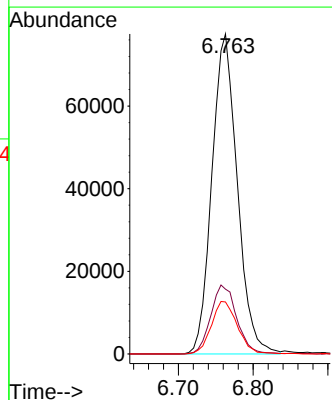
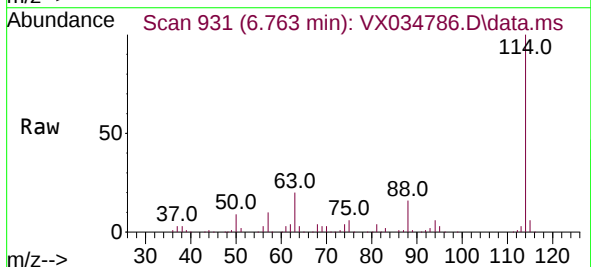
Manual Integrations
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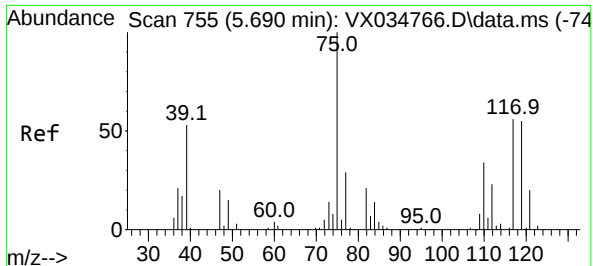
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion:114 Resp: 183124
Ion Ratio Lower Upper
114 100
63 22.0 18.0 27.0
88 16.8 13.3 19.9





#29

1,1-Dichloropropene

Concen: 4.860 ug/l

RT: 5.690 min Scan# 75

Delta R.T. 0.000 min

Lab File: VX034786.D

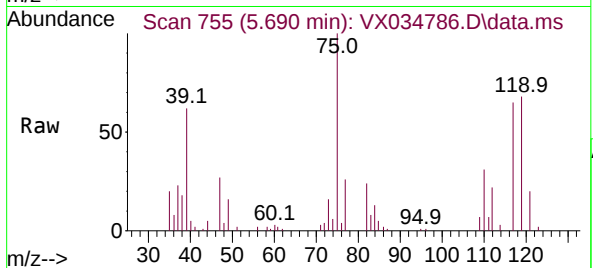
Acq: 28 Mar 2023 12:00

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023



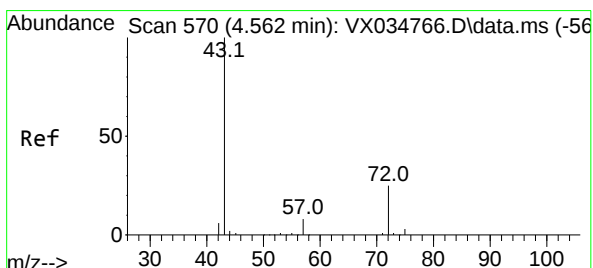
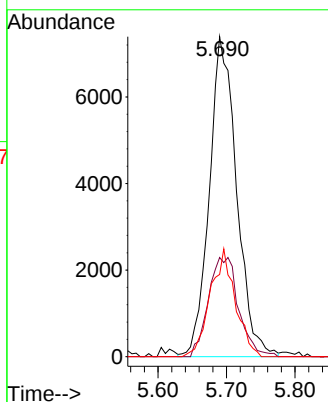
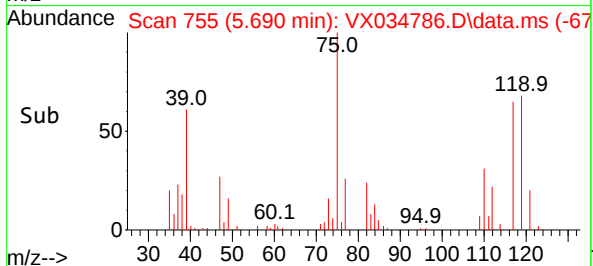
Tgt Ion:	75	Resp:	20469
Ion Ratio	Lower	Upper	
75	100		
110	19.2	0.0	71.4
77	30.8	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#30

2-Butanone

Concen: 25.078 ug/l

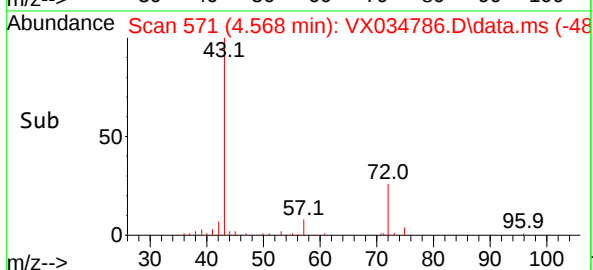
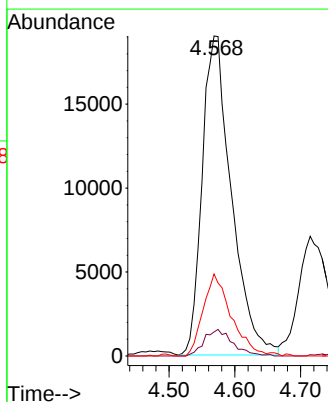
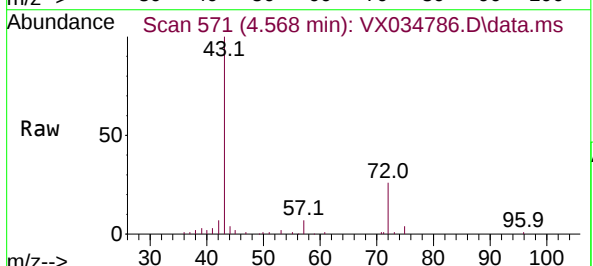
RT: 4.568 min Scan# 571

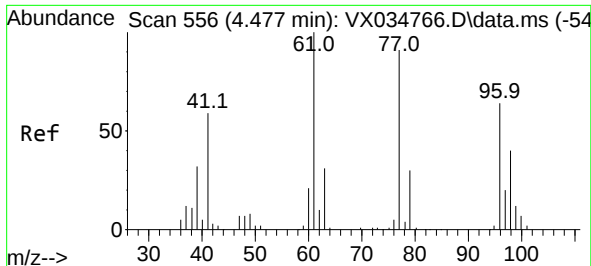
Delta R.T. 0.006 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

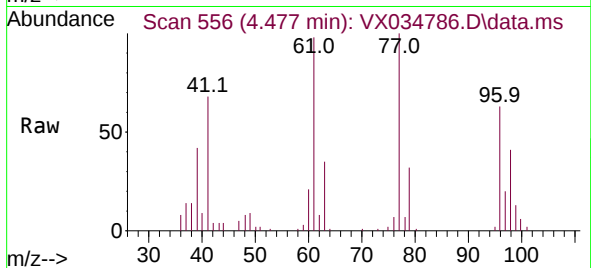
Tgt Ion:	43	Resp:	58906
Ion Ratio	Lower	Upper	
43	100		
57	7.2	6.3	9.5
72	24.4	19.6	29.4





#31
2,2-Dichloropropane
Concen: 4.949 ug/l
RT: 4.477 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

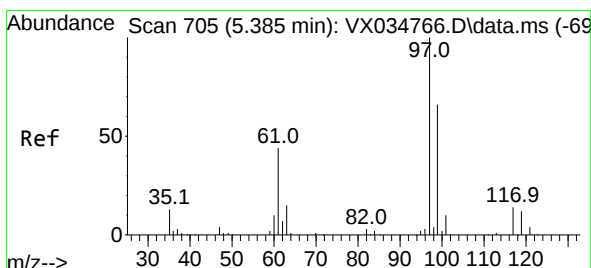
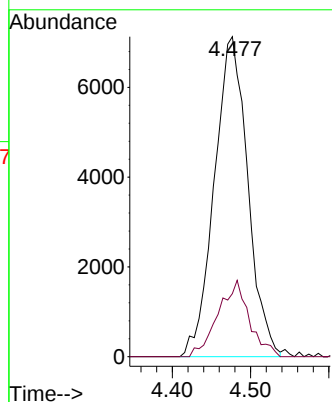
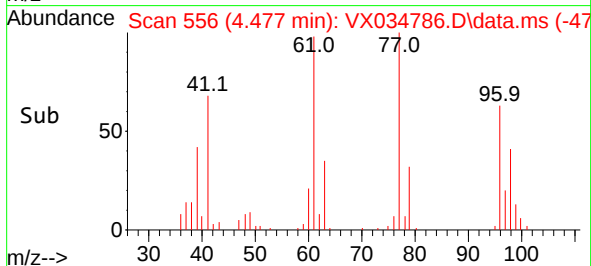
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 77 Resp: 21139
Ion Ratio Lower Upper
77 100
97 21.2 18.2 27.4

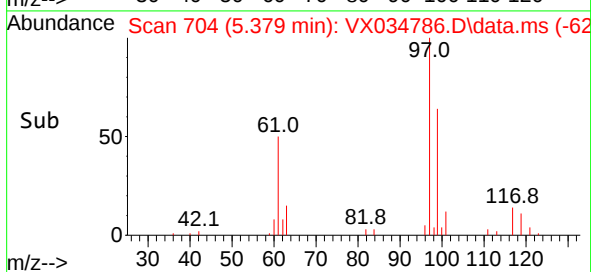
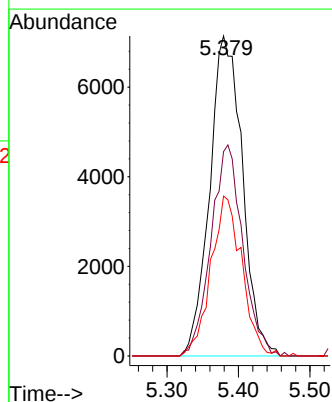
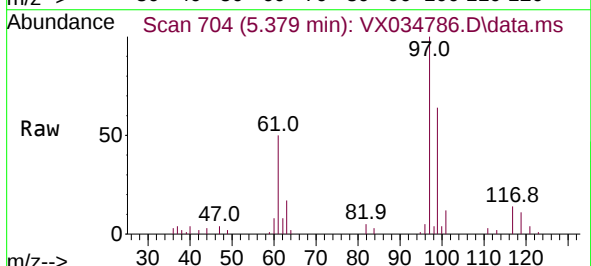
Manual Integrations
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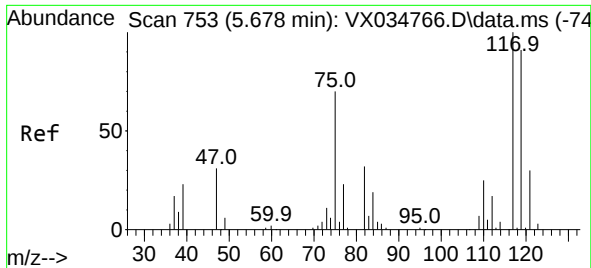
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#32
1,1,1-Trichloroethane
Concen: 4.590 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

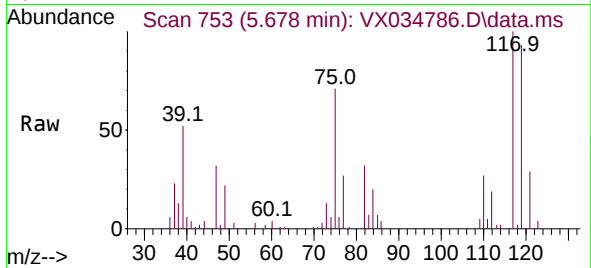
Tgt Ion: 97 Resp: 22677
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 47.1 36.6 55.0





#33
Carbon Tetrachloride
Concen: 4.512 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

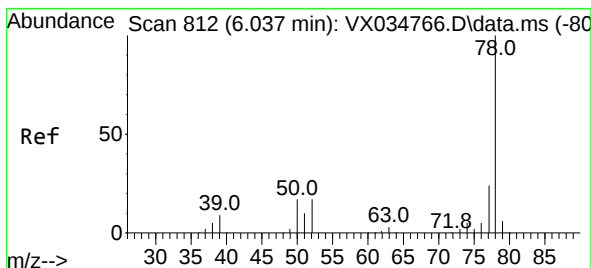
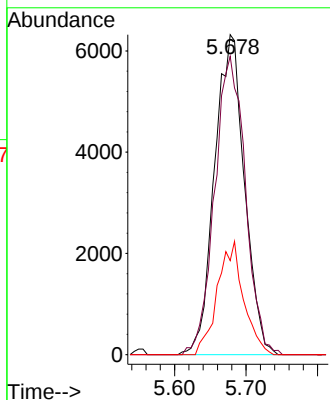
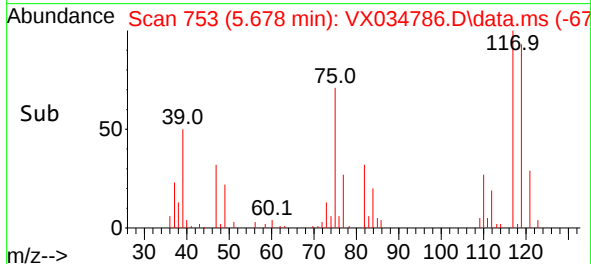
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:117 Resp: 18399
Ion Ratio Lower Upper
117 100
119 93.2 73.3 109.9
121 29.4 24.0 36.0

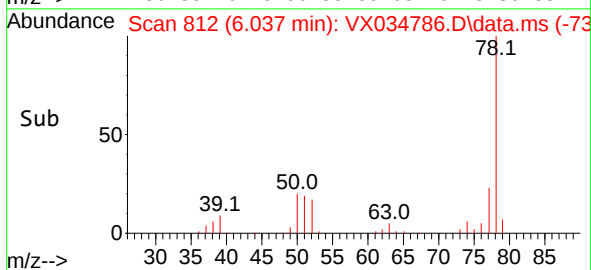
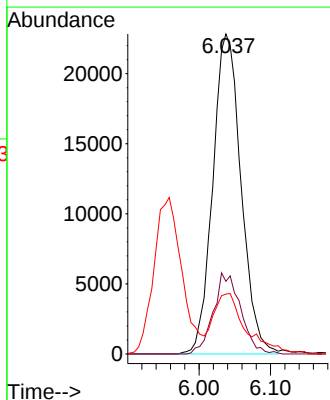
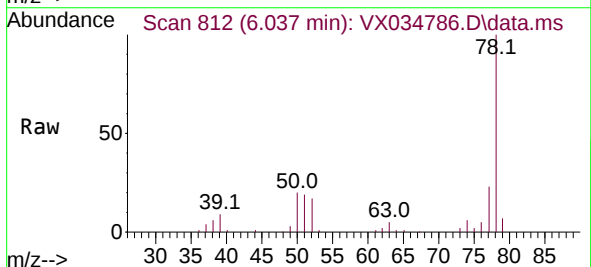
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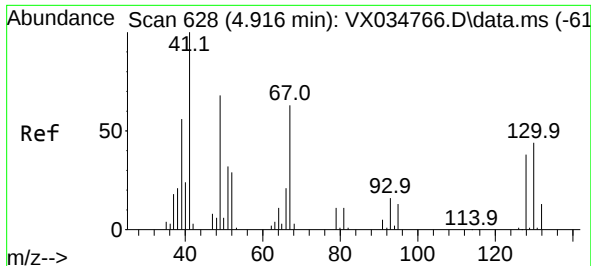
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#34
Benzene
Concen: 5.119 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

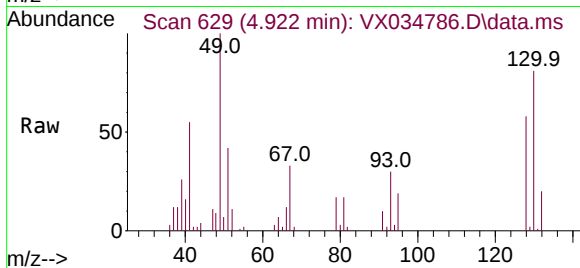
Tgt Ion: 78 Resp: 62658
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4
51 16.2 14.6 21.8





#35
Methacrylonitrile
Concen: 5.017 ug/l m
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

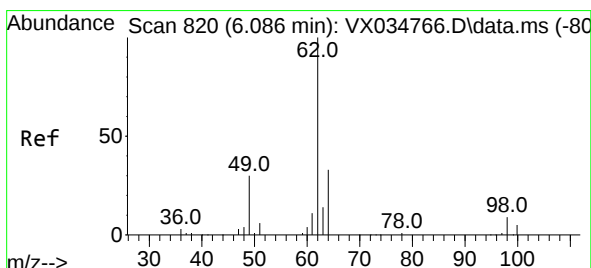
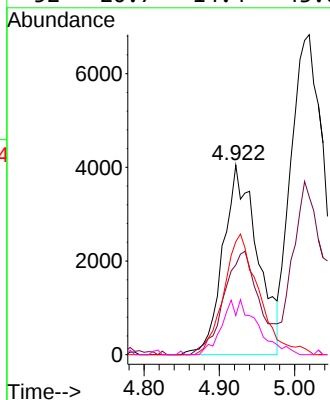
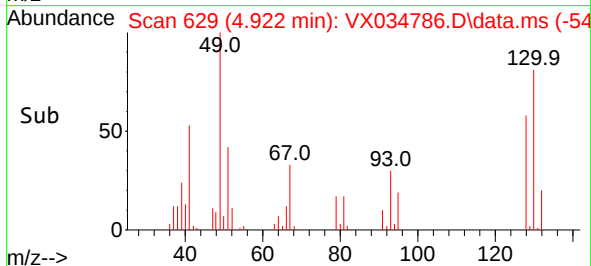
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 41 Resp: 1289
Ion Ratio Lower Upper
41 100
39 47.3 28.0 84.0
67 59.6 31.6 94.7
52 20.7 14.4 43.0

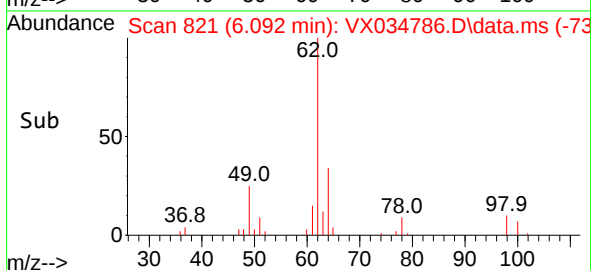
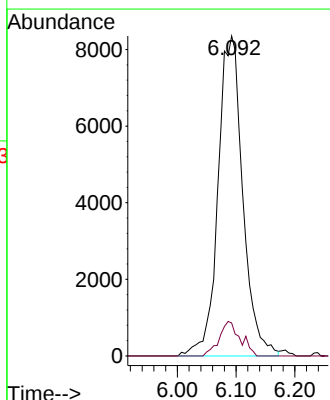
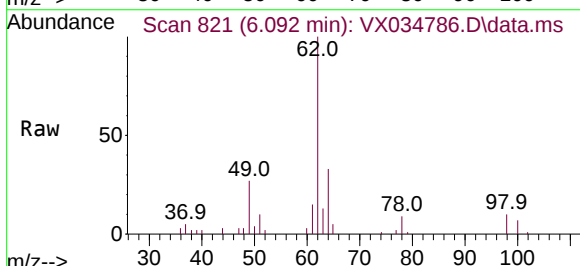
Manual Integrations
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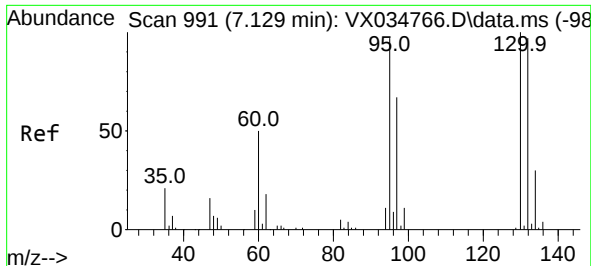
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#36
1,2-Dichloroethane
Concen: 5.099 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

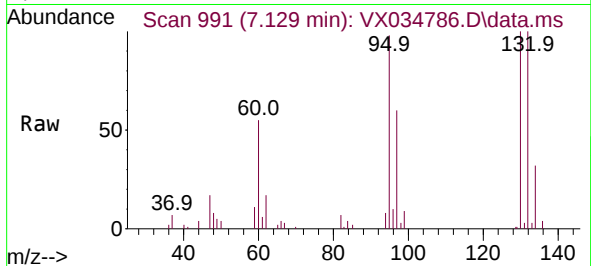
Tgt Ion: 62 Resp: 24471
Ion Ratio Lower Upper
62 100
98 7.9 7.0 10.6





#37
Trichloroethene
Concen: 4.976 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

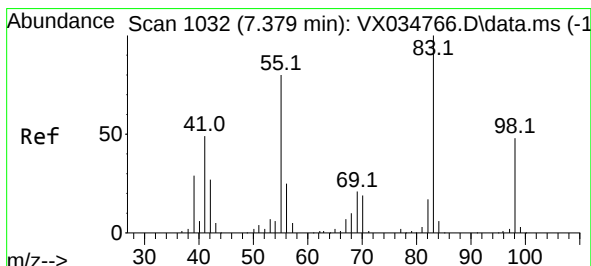
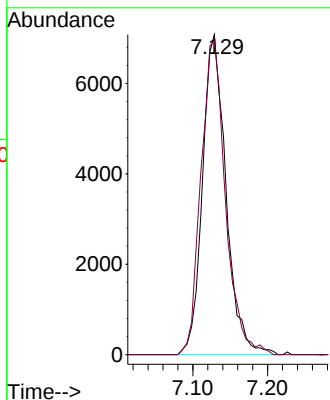
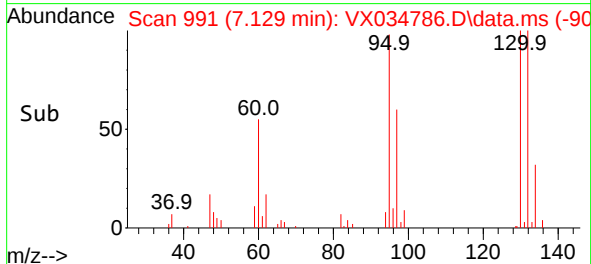
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



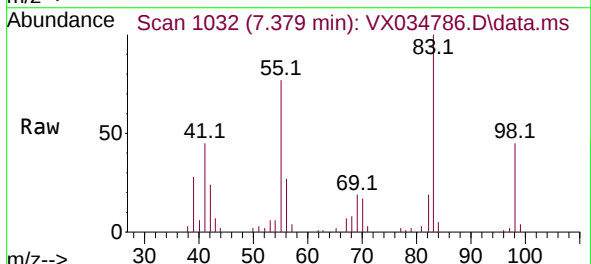
Tgt Ion:130 Resp: 1550
Ion Ratio Lower Upper
130 100
95 98.0 77.8 116.6

Manual Integrations
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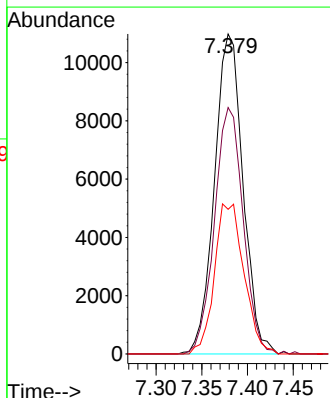
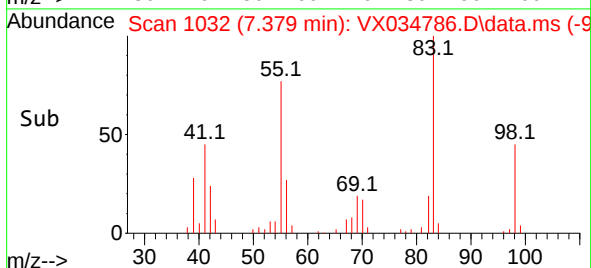
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

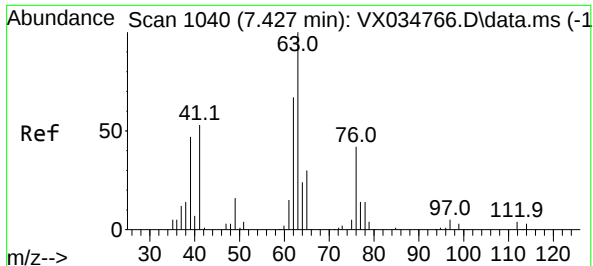


#38
Methylcyclohexane
Concen: 5.189 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00



Tgt Ion: 83 Resp: 23877
Ion Ratio Lower Upper
83 100
55 77.3 38.8 116.4
98 48.6 23.8 71.2





#39

1,2-Dichloropropane

Concen: 5.165 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Instrument :

MSVOA_X

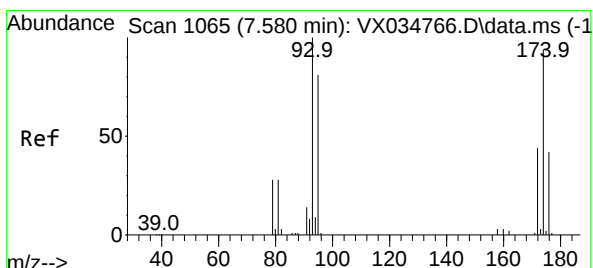
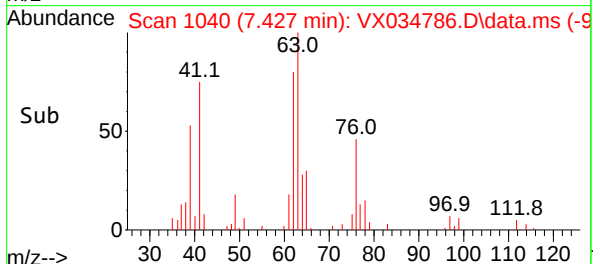
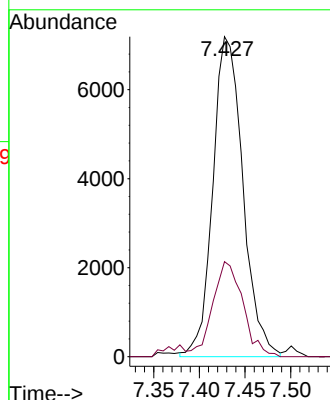
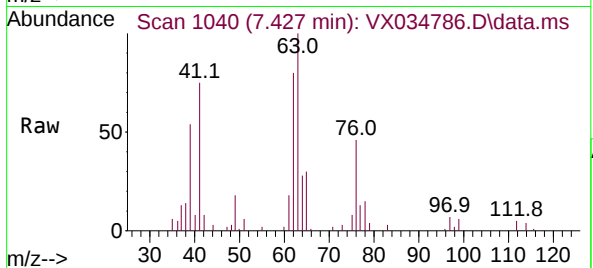
ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 63 Resp: 16434
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.0 36.0

Manual Integrations
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Reviewed By :John Carlone 03/30/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023



#40

Dibromomethane

Concen: 4.906 ug/l

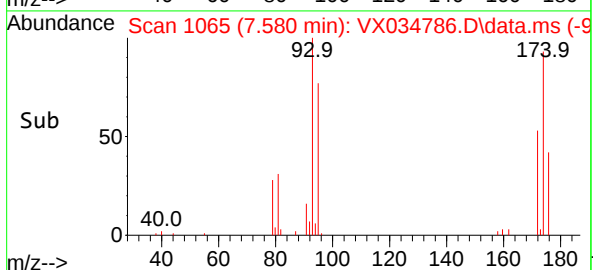
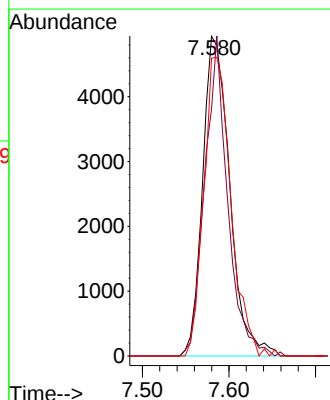
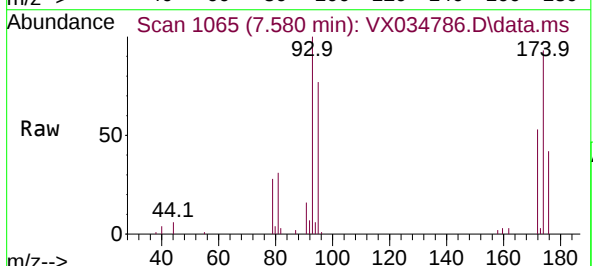
RT: 7.580 min Scan# 1065

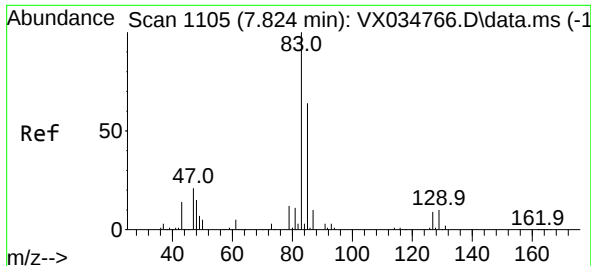
Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

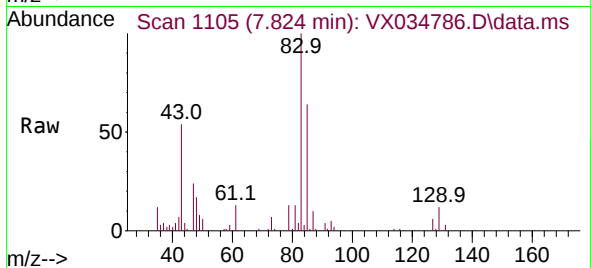
Tgt Ion: 93 Resp: 10723
 Ion Ratio Lower Upper
 93 100
 95 84.2 0.0 165.8
 174 92.9 0.0 188.8





#41
Bromodichloromethane
Concen: 4.425 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

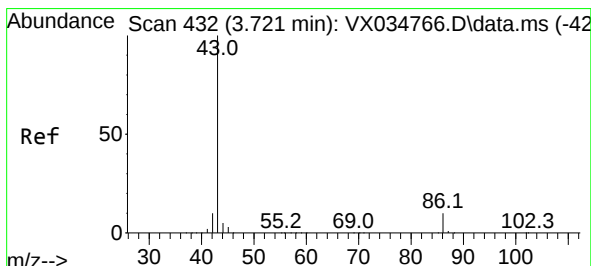
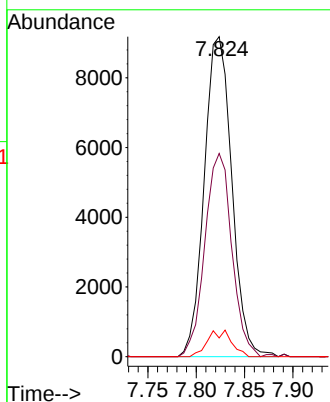
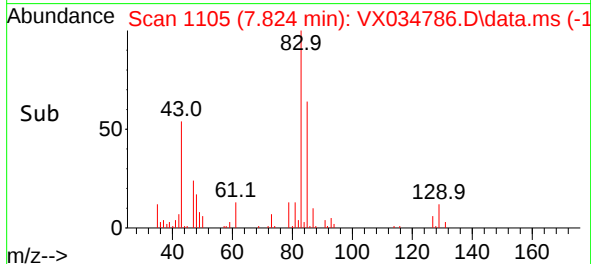
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



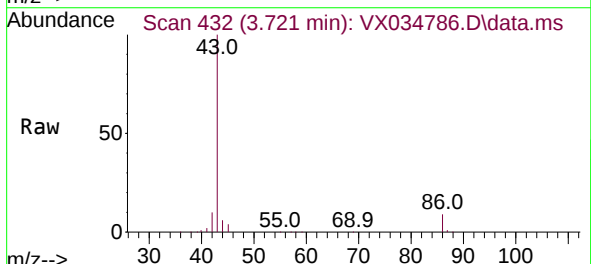
Tgt Ion: 83 Resp: 18210
Ion Ratio Lower Upper
83 100
85 63.5 51.1 76.7
127 5.9 8.2 12.4

Manual Integrations
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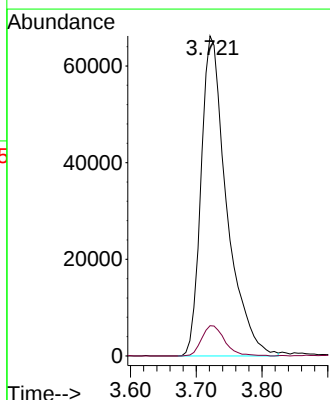
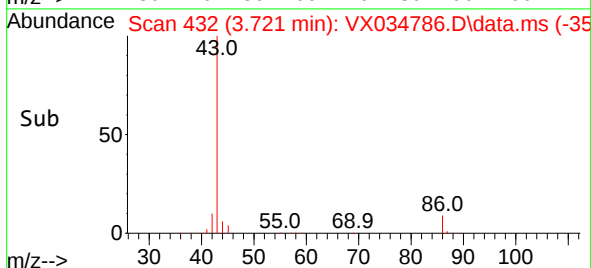
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

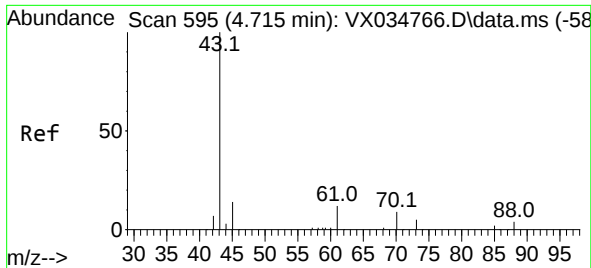


#42
Vinyl Acetate
Concen: 23.428 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00



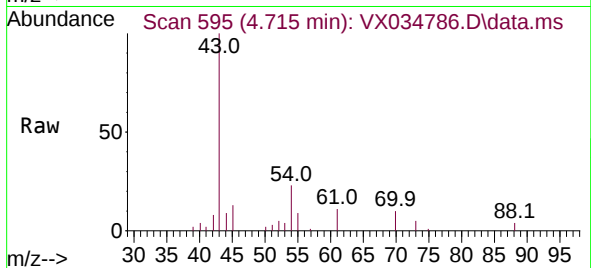
Tgt Ion: 43 Resp: 179526
Ion Ratio Lower Upper
43 100
86 8.5 6.9 10.3





#43
Ethyl Acetate
Concen: 4.349 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

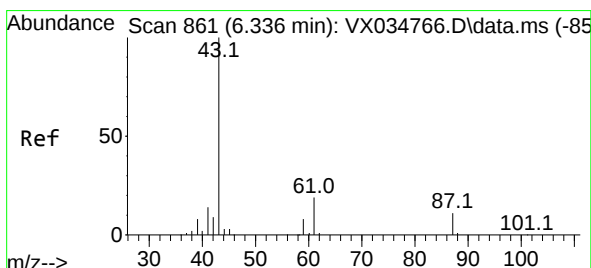
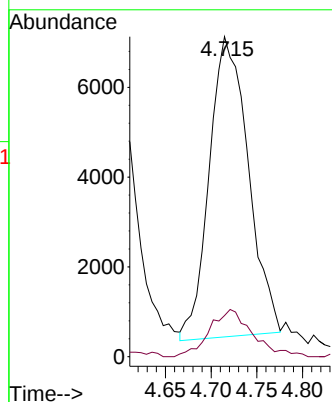
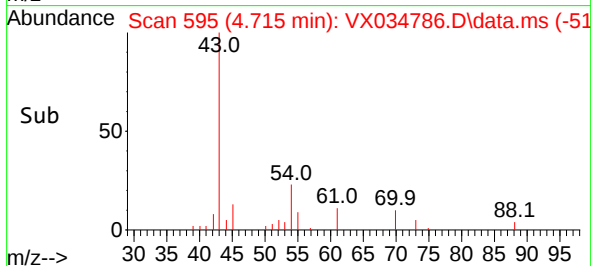
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 43 Resp: 1981
Ion Ratio Lower Upper
43 100
45 16.5 12.0 18.0

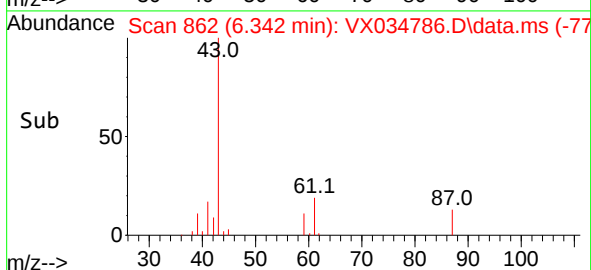
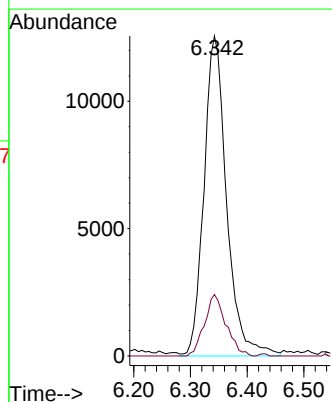
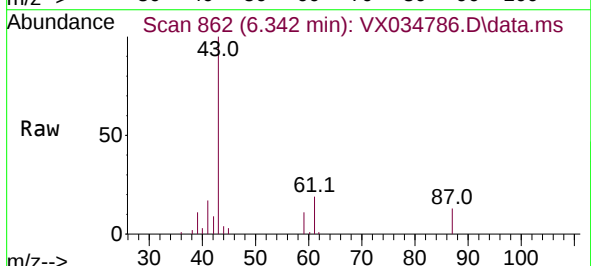
Manual Integrations
APPROVED

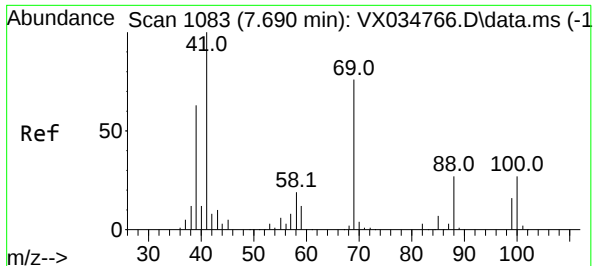
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#44
Isopropyl Acetate
Concen: 4.518 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

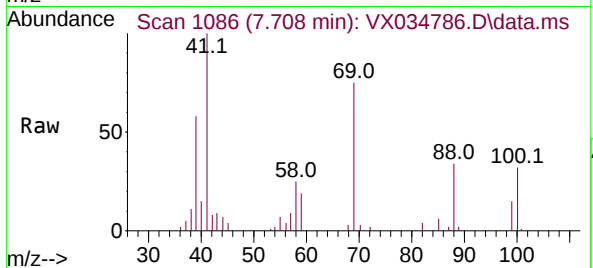
Tgt Ion: 43 Resp: 34841
Ion Ratio Lower Upper
43 100
61 18.0 15.4 23.0





#45
1,4-Dioxane
Concen: 103.976 ug/l m
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

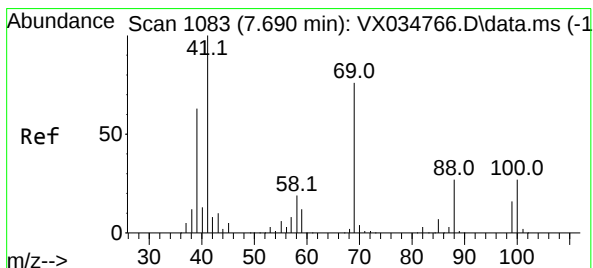
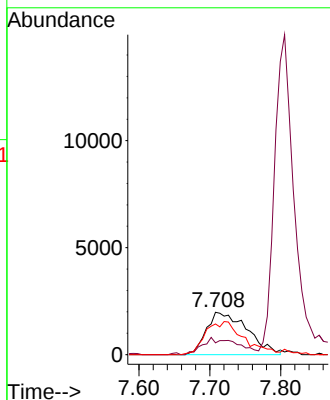
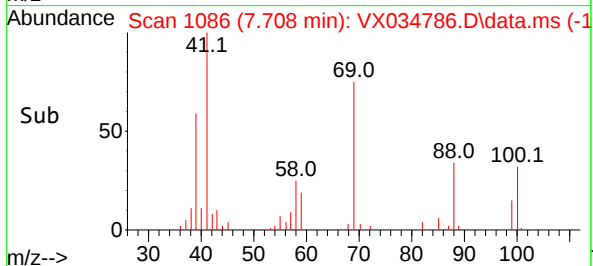
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 88 Resp: 7944
Ion Ratio Lower Upper
88 100
43 13.5 26.5 39.7
58 31.1 55.6 83.4

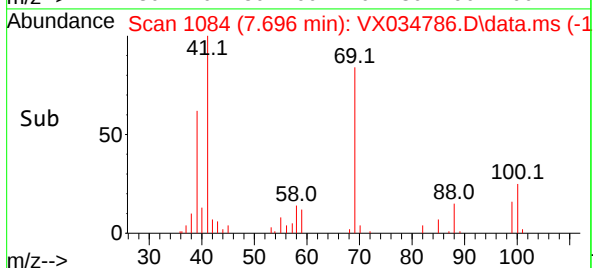
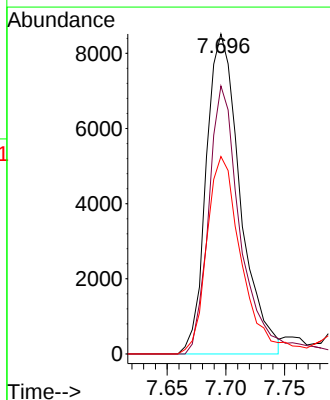
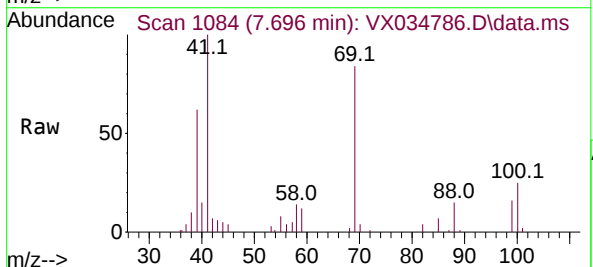
Manual Integrations
APPROVED

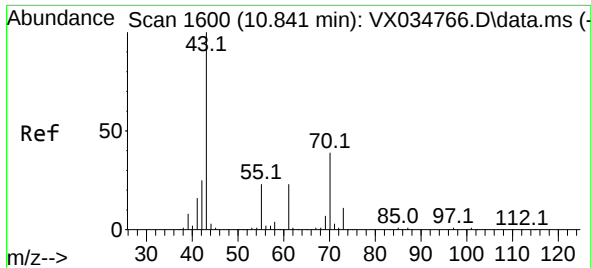
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#46
Methyl methacrylate
Concen: 4.558 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

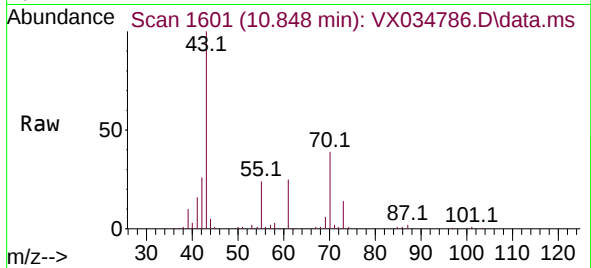
Tgt Ion: 41 Resp: 17128
Ion Ratio Lower Upper
41 100
69 83.8 38.1 114.5
39 61.7 31.4 94.3





#47
n-amy1 Acetate
Concen: 3.891 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

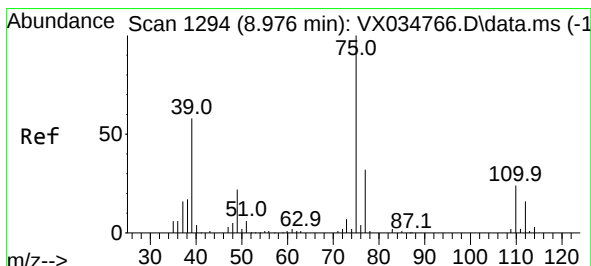
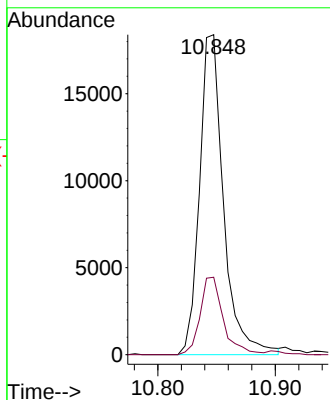
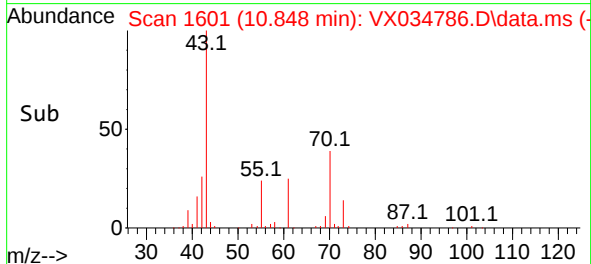
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion: 43 Resp: 26085
Ion Ratio Lower Upper
43 100
55 23.4 18.6 28.0

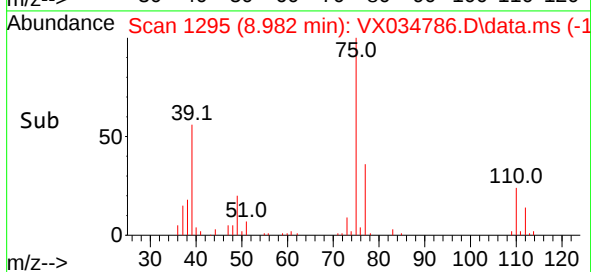
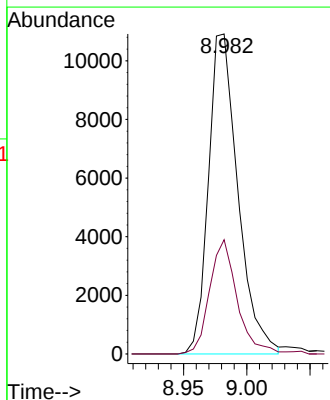
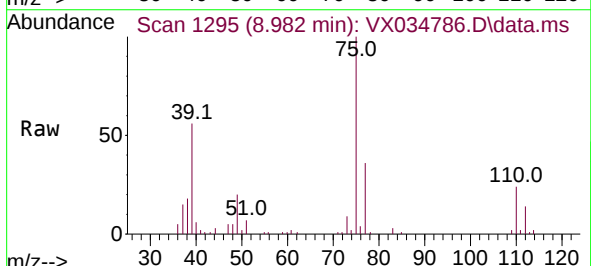
Manual Integrations
APPROVED

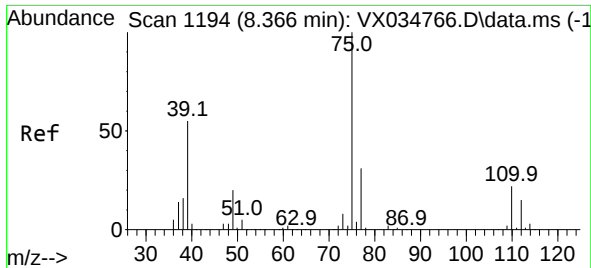
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#48
t-1,3-Dichloropropene
Concen: 3.946 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 75 Resp: 17697
Ion Ratio Lower Upper
75 100
77 35.7 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 4.157 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

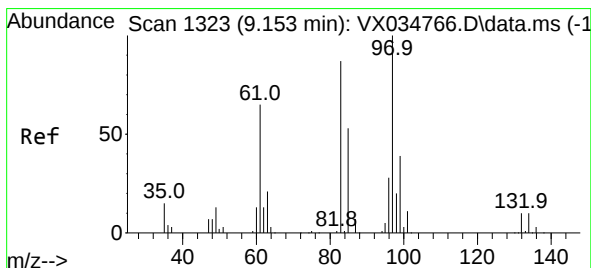
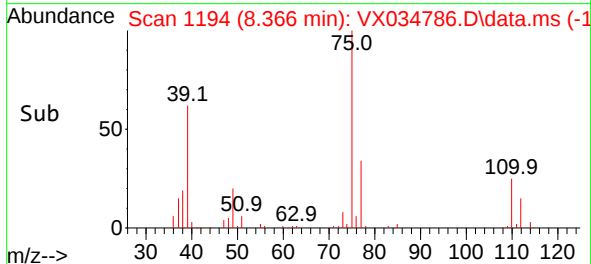
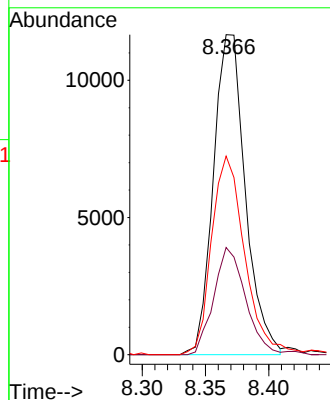
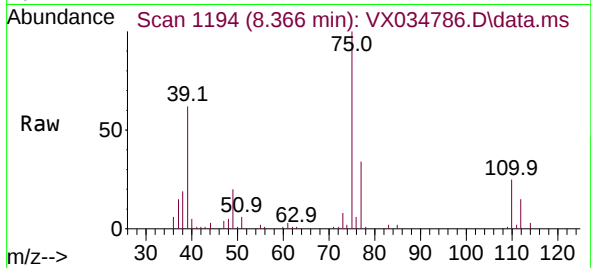
Tgt Ion: 75	Resp: 2048
Ion Ratio	Lower Upper
75 100	
77 33.5	24.6 37.0
39 62.1	44.2 66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#50

1,1,2-Trichloroethane

Concen: 5.056 ug/l

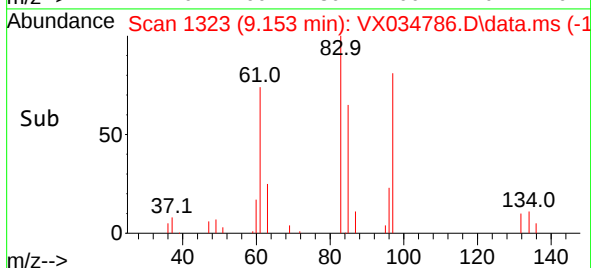
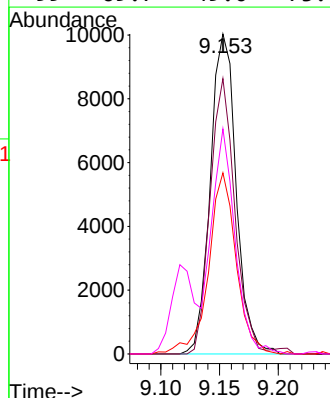
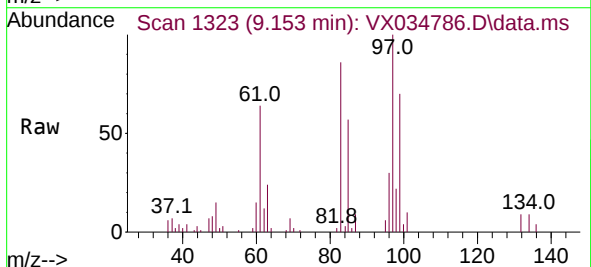
RT: 9.153 min Scan# 1323

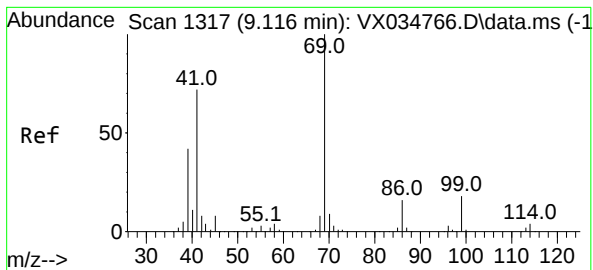
Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Tgt Ion: 97	Resp: 15395
Ion Ratio	Lower Upper
97 100	
83 86.1	68.9 103.3
85 56.6	44.0 66.0
99 69.7	49.0 73.4





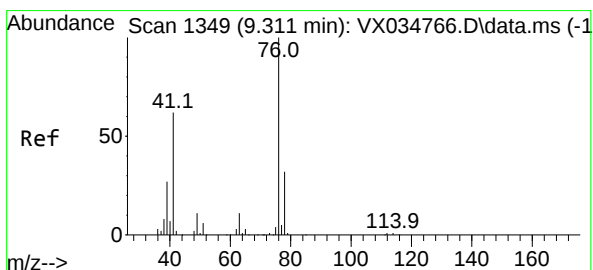
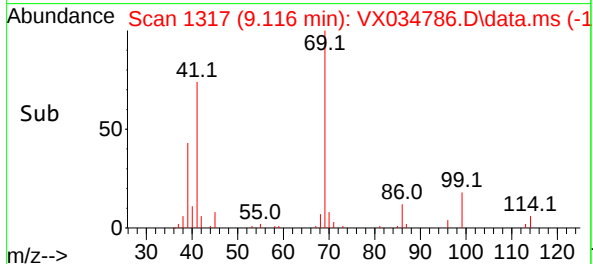
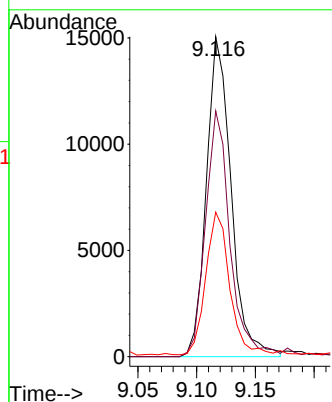
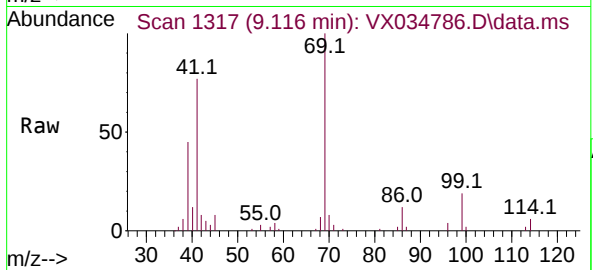
#51
Ethyl methacrylate
Concen: 4.459 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 69 Resp: 2203
Ion Ratio Lower Upper
69 100
41 76.8 36.2 108.6
39 44.6 21.2 63.6

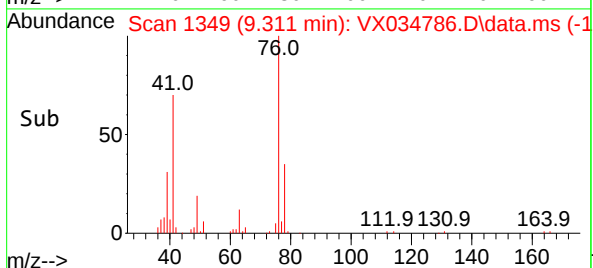
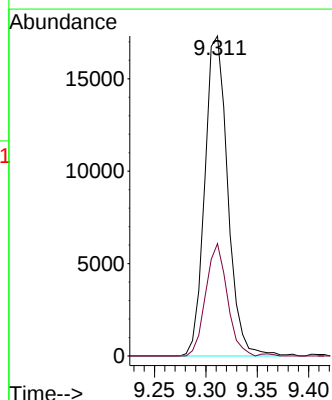
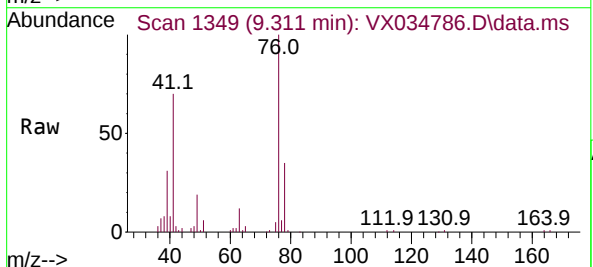
Manual Integrations
APPROVED

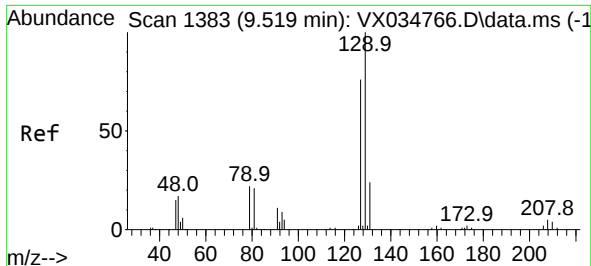
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#52
1,3-Dichloropropane
Concen: 5.005 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 76 Resp: 26918
Ion Ratio Lower Upper
76 100
78 32.8 0.0 63.8





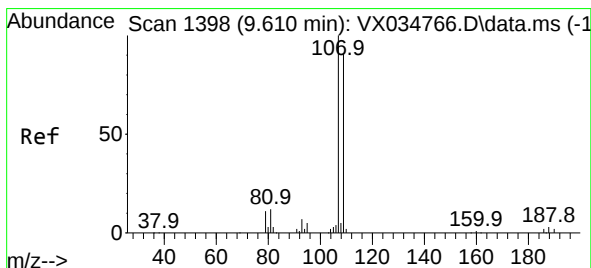
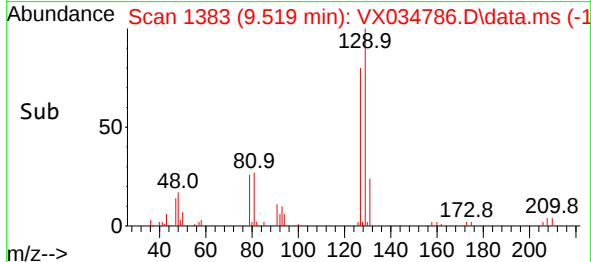
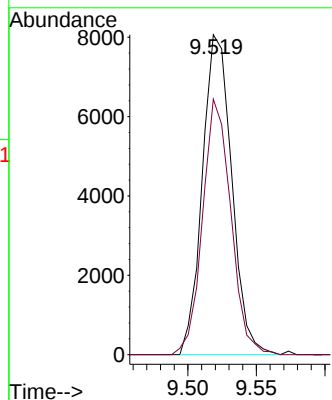
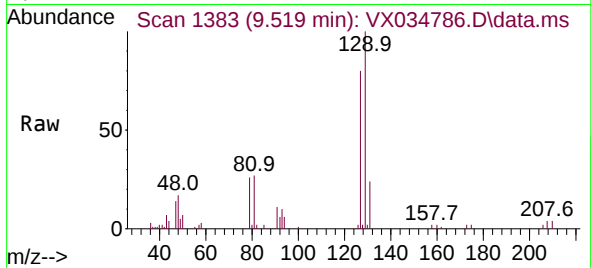
#53
Dibromochloromethane
Concen: 4.000 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:129 Resp: 1204
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.5

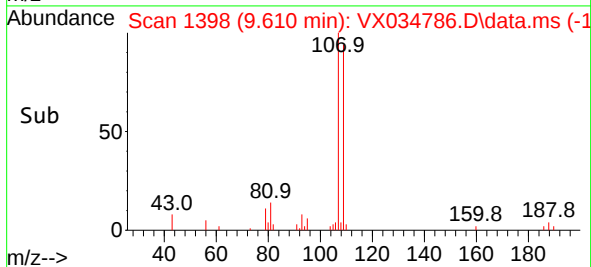
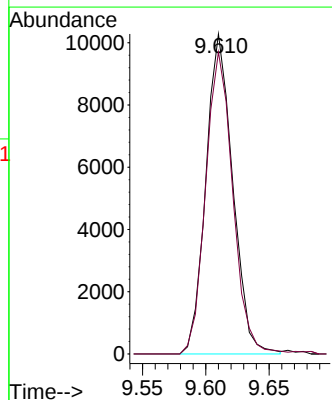
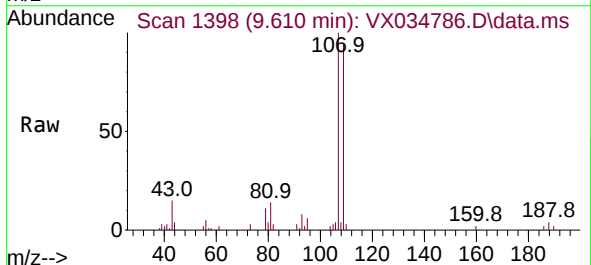
Manual Integrations
APPROVED

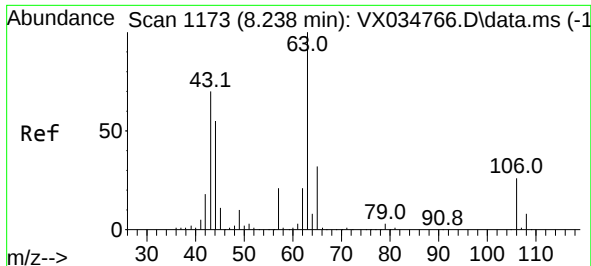
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#54
1,2-Dibromoethane
Concen: 4.666 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion:107 Resp: 15198
Ion Ratio Lower Upper
107 100
109 95.2 75.4 113.2





#55

2-Chloroethyl vinyl ether

Concen: 23.195 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

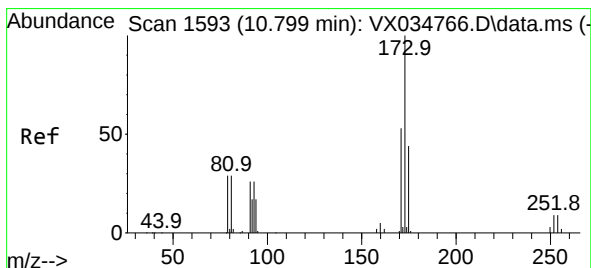
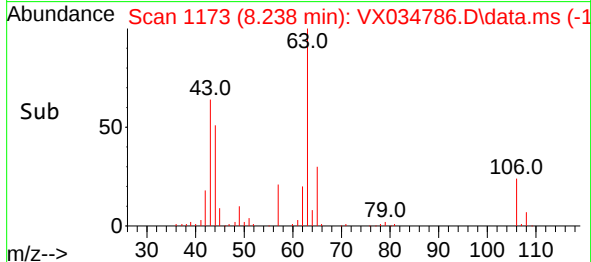
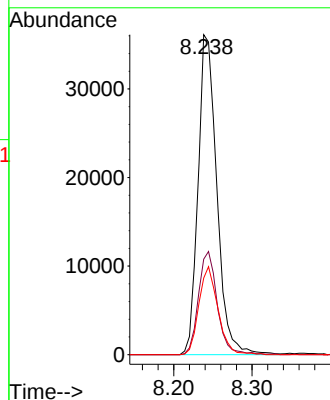
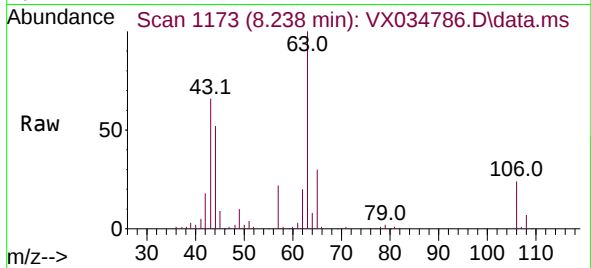
Tgt Ion:	63	Resp:	60320
Ion Ratio	Lower	Upper	
63	100		
65	32.2	25.4	38.2
106	27.9	21.6	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#56

Bromoform

Concen: 3.563 ug/l

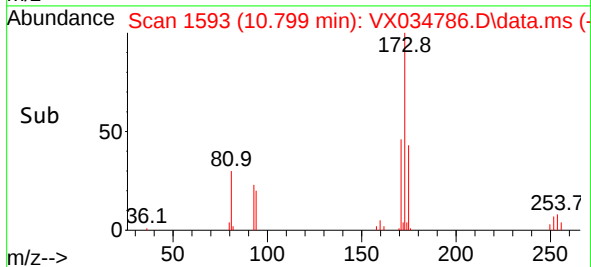
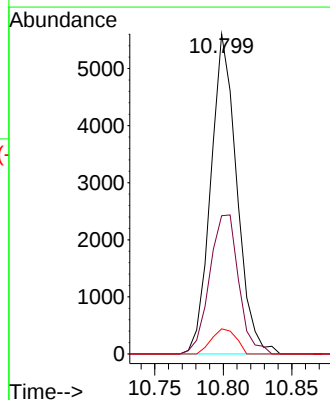
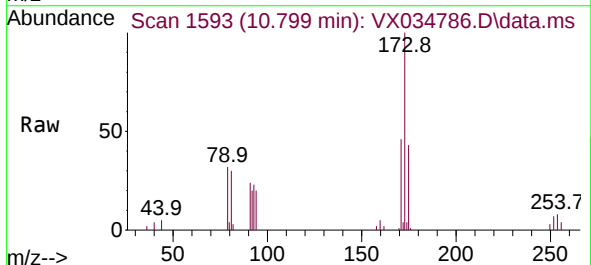
RT: 10.799 min Scan# 1593

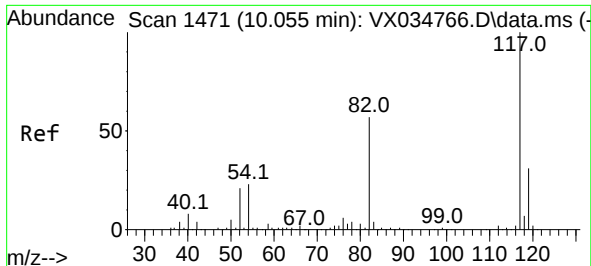
Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Tgt Ion:	173	Resp:	7399
Ion Ratio	Lower	Upper	
173	100		
175	48.5	37.0	55.4
254	7.4	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: VX034786.D

Acq: 28 Mar 2023 12:00

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 117 Resp: 191738

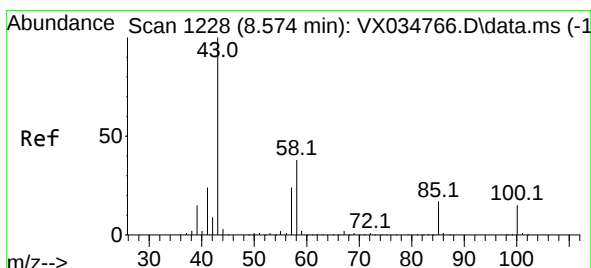
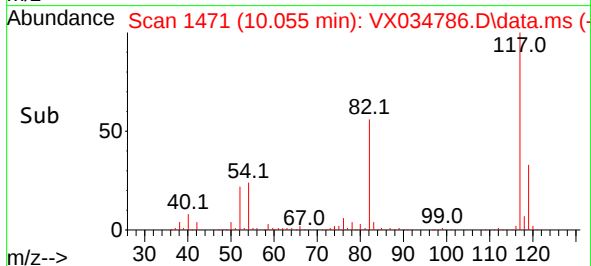
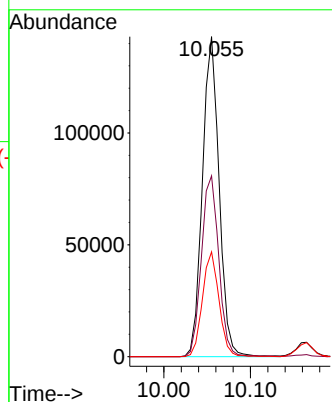
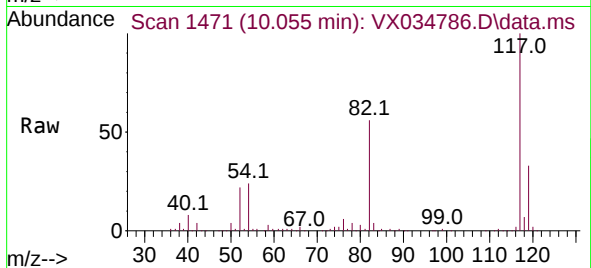
Ion	Ratio	Lower	Upper
117	100		
82	58.7	45.8	68.8
119	32.6	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#58

4-Methyl-2-Pentanone

Concen: 25.435 ug/l

RT: 8.574 min Scan# 1228

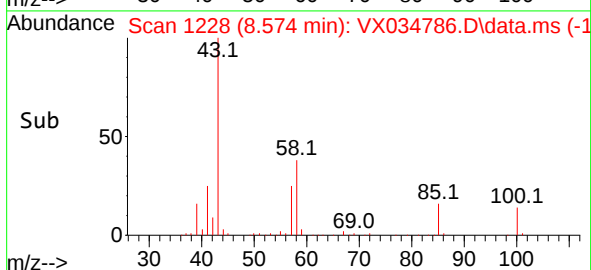
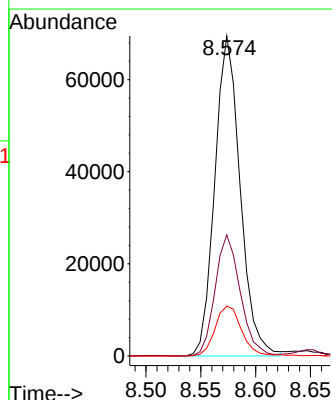
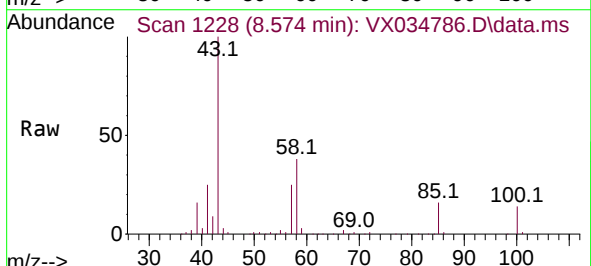
Delta R.T. 0.000 min

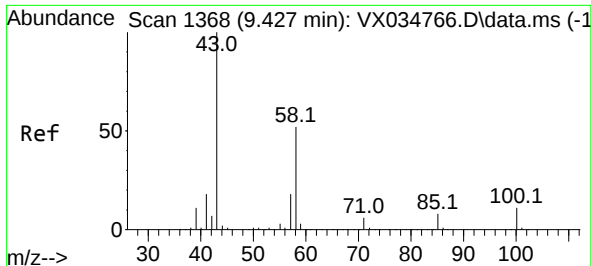
Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Tgt Ion: 43 Resp: 111817

Ion	Ratio	Lower	Upper
43	100		
58	37.4	29.9	44.9
85	16.3	13.2	19.8





#59

2-Hexanone

Concen: 25.691 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 43 Resp: 85036

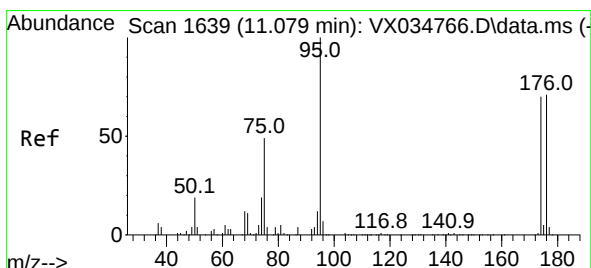
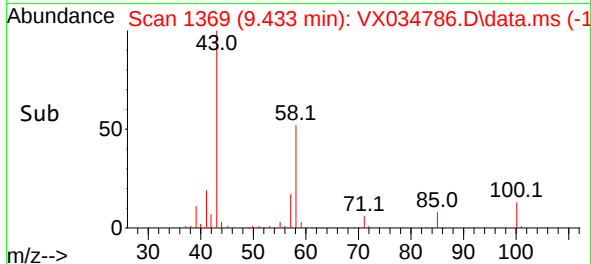
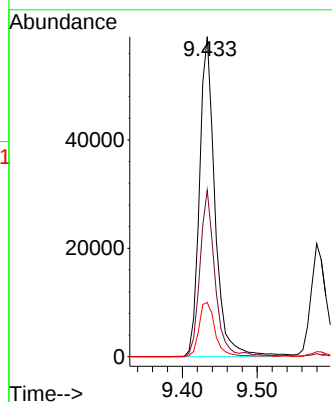
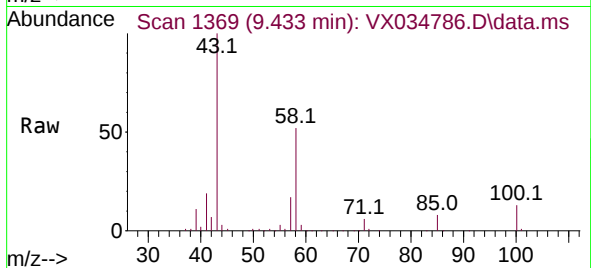
Ion	Ratio	Lower	Upper
43	100		
58	49.5	41.7	62.5
57	17.5	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#60

4-Bromofluorobenzene

Concen: 28.065 ug/l

RT: 11.079 min Scan# 1639

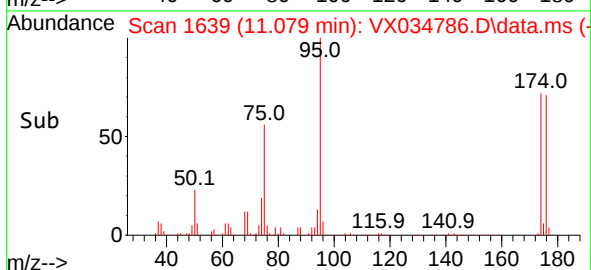
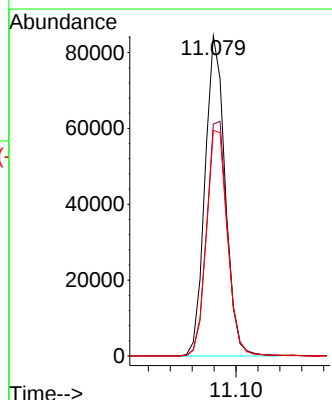
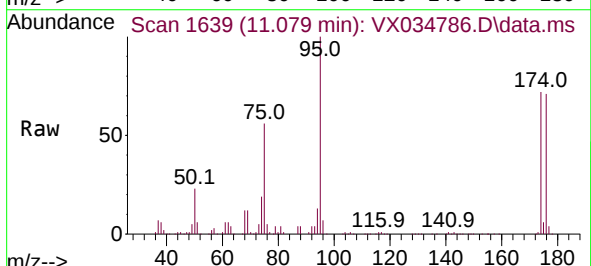
Delta R.T. 0.000 min

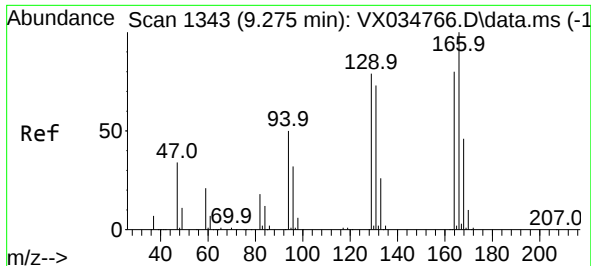
Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Tgt Ion: 95 Resp: 107524

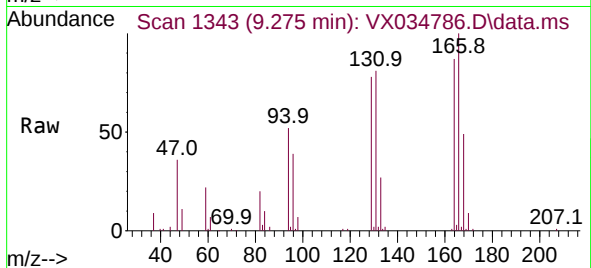
Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.2	0.4#
176	73.1	0.2	0.2#





#61
Tetrachloroethene
Concen: 5.599 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

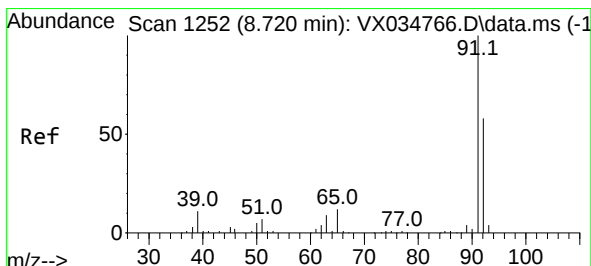
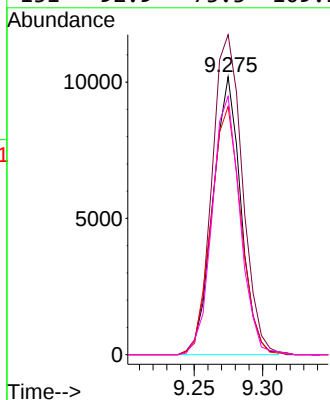
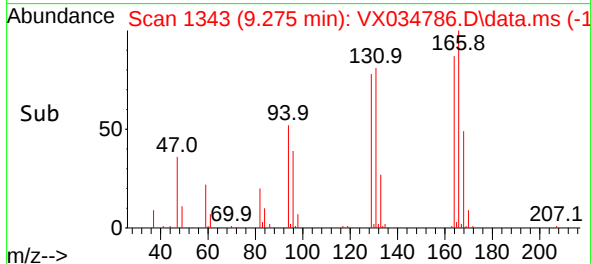
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:164 Resp: 1446
Ion Ratio Lower Upper
164 100
166 115.2 100.1 150.1
129 89.3 79.1 118.7
131 92.9 73.3 109.9

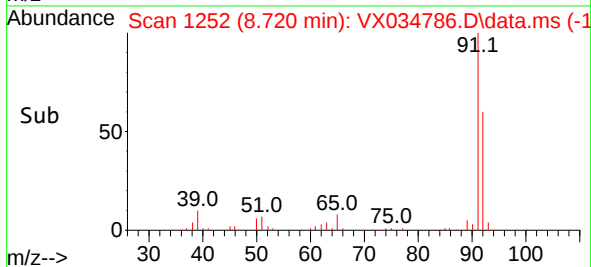
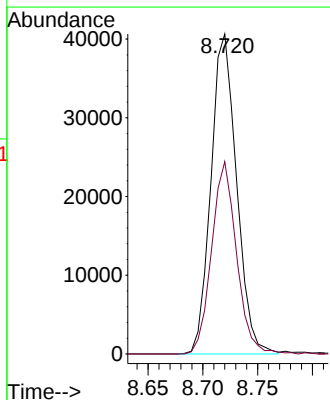
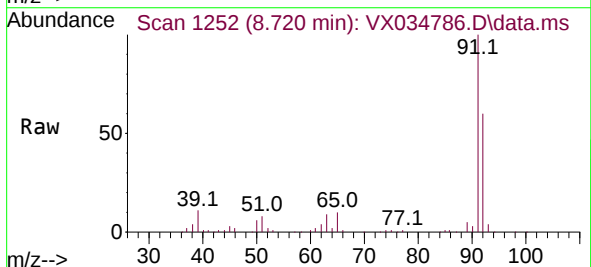
Manual Integrations
APPROVED

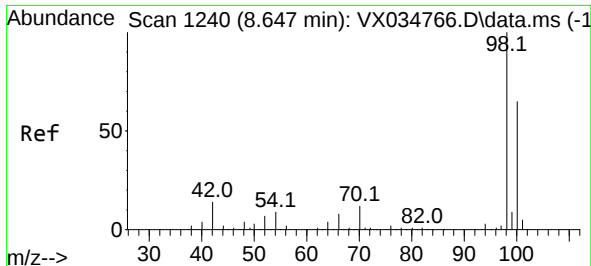
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#62
Toluene
Concen: 5.276 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

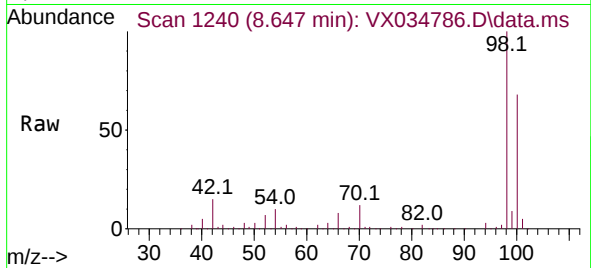
Tgt Ion: 91 Resp: 66149
Ion Ratio Lower Upper
91 100
92 58.4 46.5 69.7





#63
Toluene-d8
Concen: 30.632 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

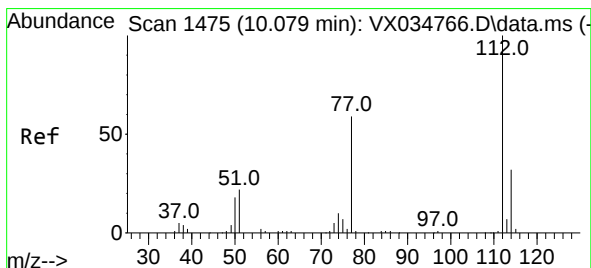
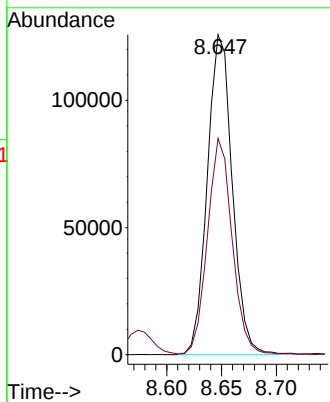
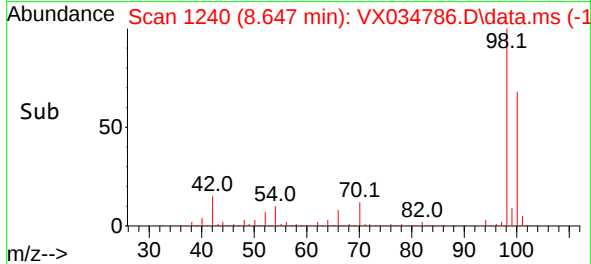
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion: 98 Resp: 199594
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1

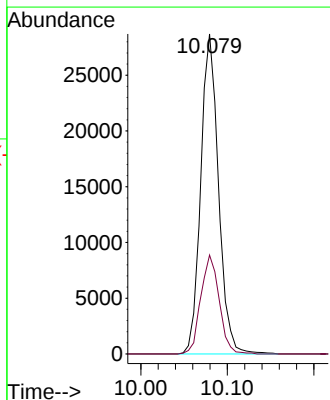
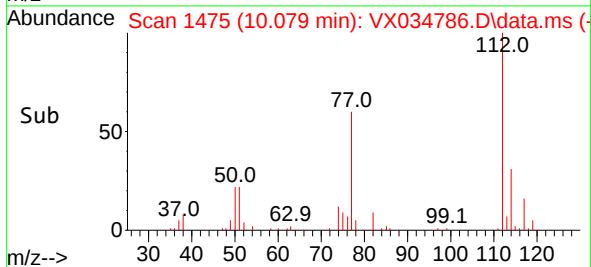
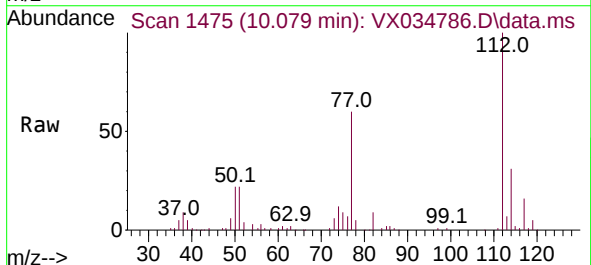
Manual Integrations
APPROVED

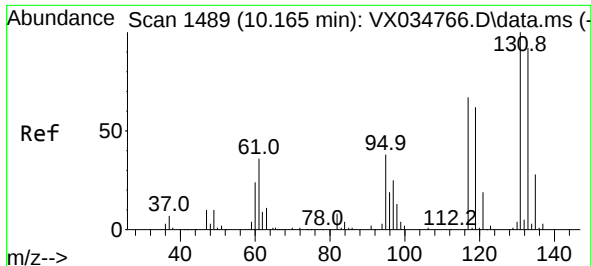
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#64
Chlorobenzene
Concen: 5.291 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion:112 Resp: 40853
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.8





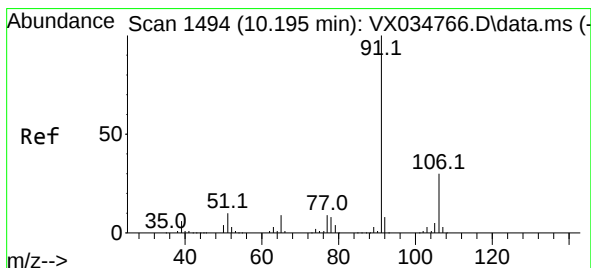
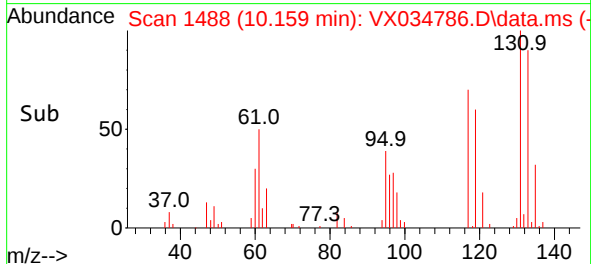
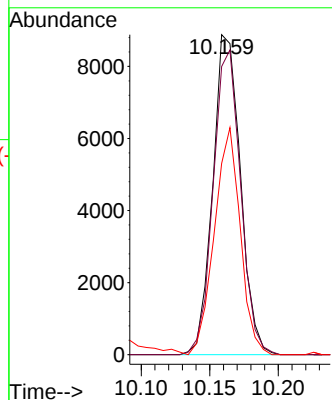
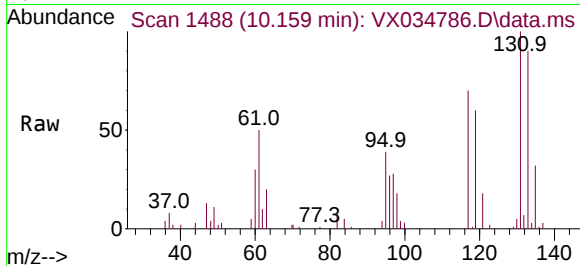
#65
1,1,1,2-Tetrachloroethane
Concen: 4.513 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023

Tgt Ion:131 Resp: 12456
Ion Ratio Lower Upper
131 100
133 94.5 0.0 186.6
119 66.4 0.0 128.6

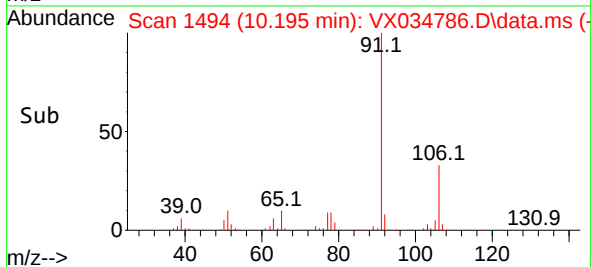
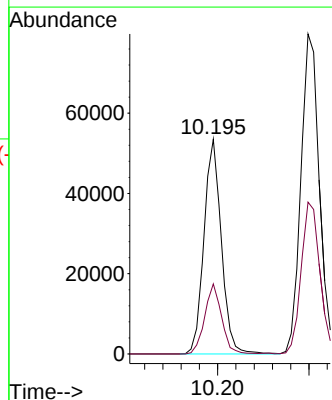
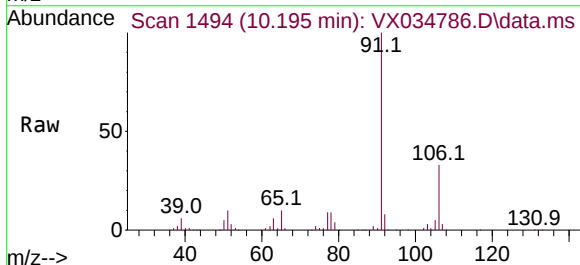
Manual Integrations
APPROVED

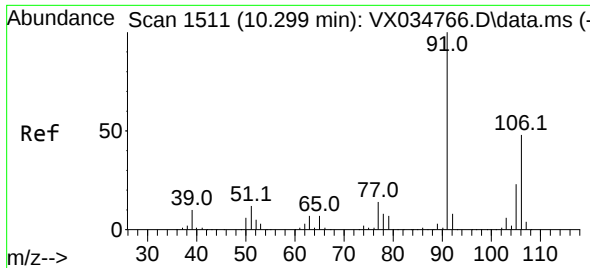
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#66
Ethyl Benzene
Concen: 5.071 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion: 91 Resp: 70813
Ion Ratio Lower Upper
91 100
106 32.6 24.4 36.6





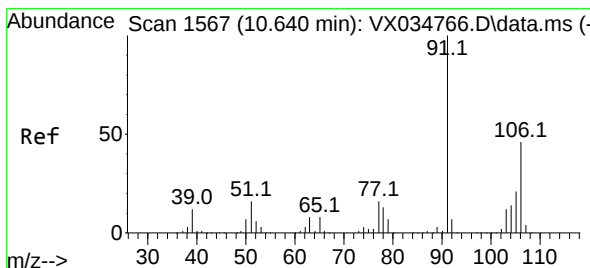
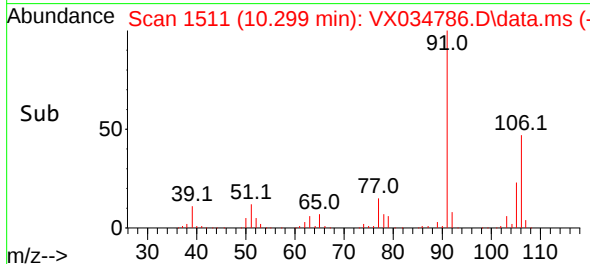
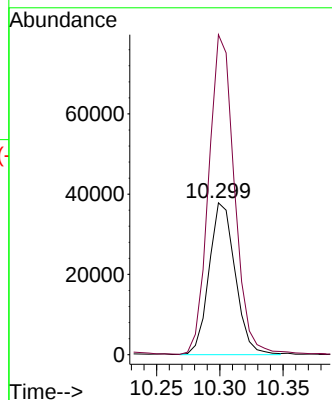
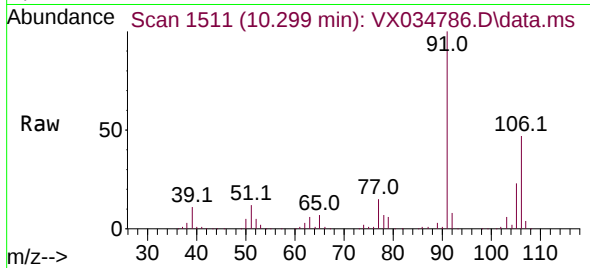
#67
m/p-Xylenes
Concen: 10.236 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:106 Resp: 54386
Ion Ratio Lower Upper
106 100
91 208.9 167.4 251.2

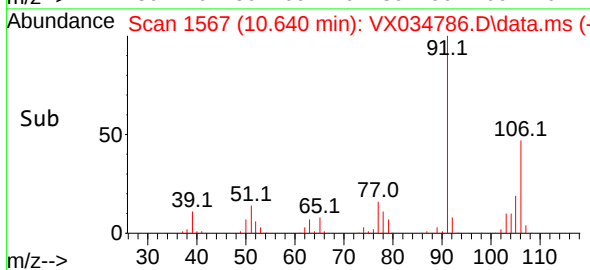
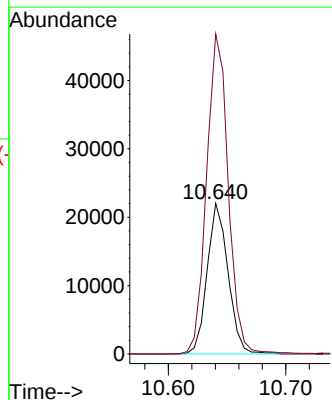
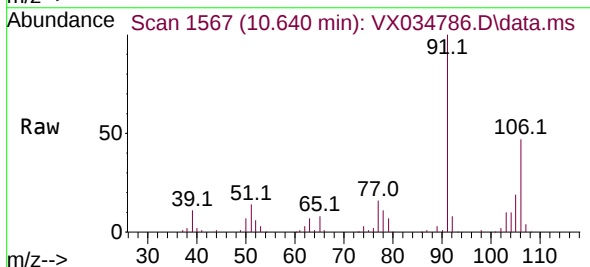
Manual Integrations
APPROVED

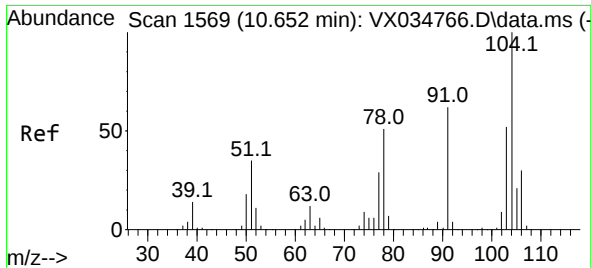
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#68
o-Xylene
Concen: 5.186 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion:106 Resp: 27248
Ion Ratio Lower Upper
106 100
91 220.8 108.9 326.8





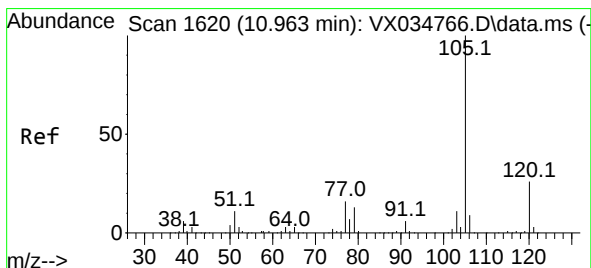
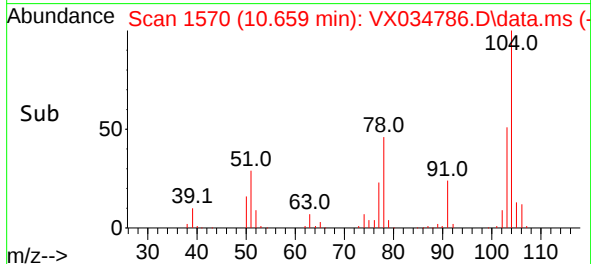
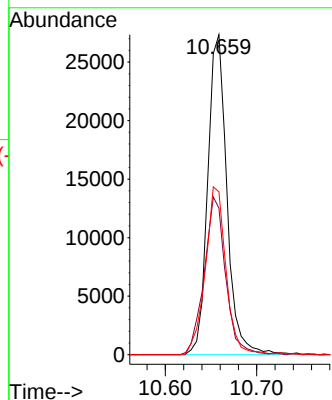
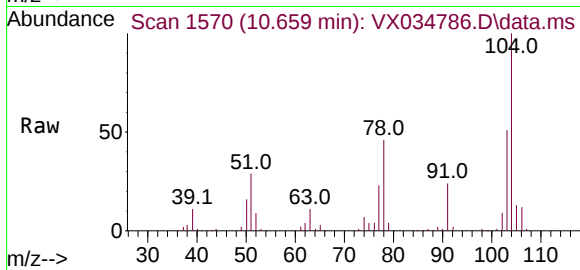
#69
Styrene
Concen: 4.589 ug/l
RT: 10.659 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:104 Resp: 3974
Ion Ratio Lower Upper
104 100
78 55.1 42.8 64.2
103 56.7 43.8 65.8

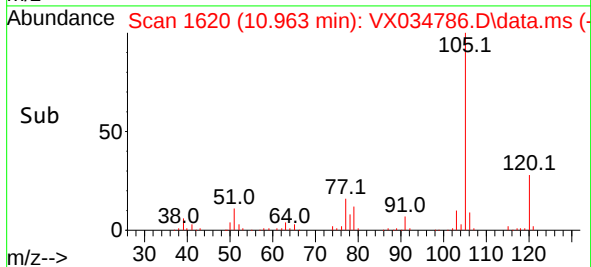
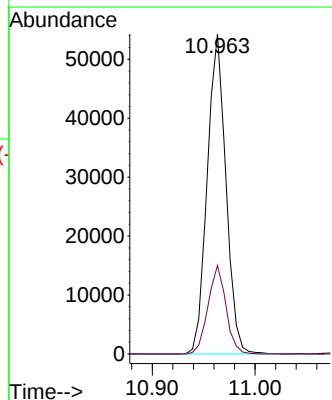
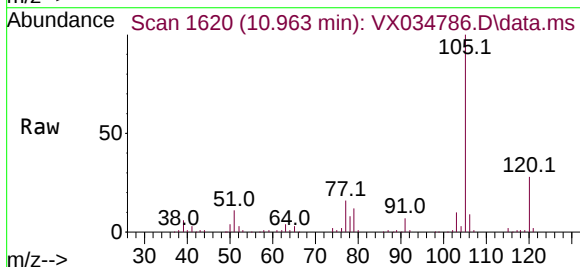
Manual Integrations
APPROVED

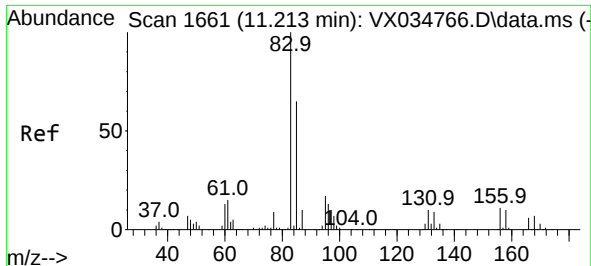
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#70
Isopropylbenzene
Concen: 5.046 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Tgt Ion:105 Resp: 68613
Ion Ratio Lower Upper
105 100
120 26.5 18.5 34.3





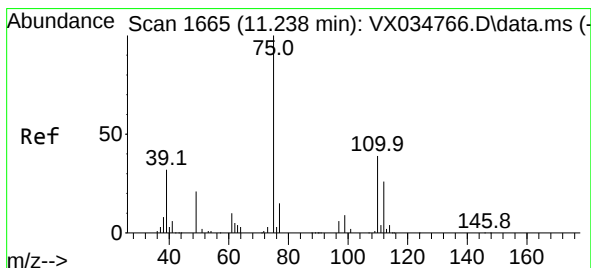
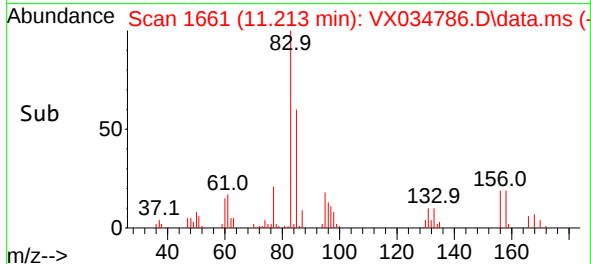
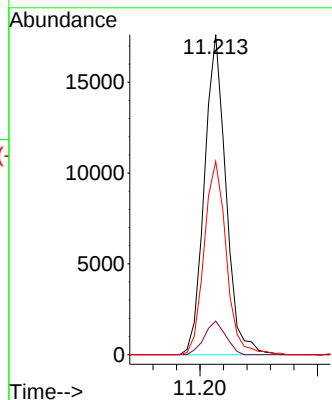
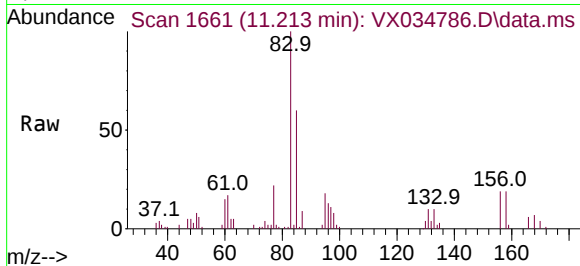
#71
1,1,2,2-Tetrachloroethane
Concen: 5.010 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 83 Resp: 22394
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.2
85 62.3 31.9 95.5

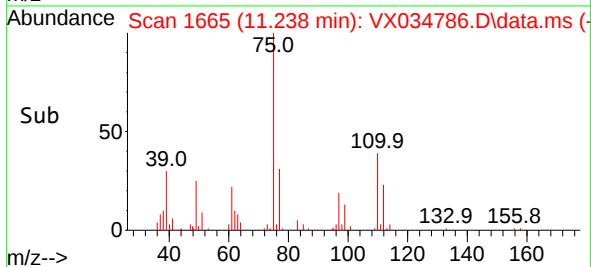
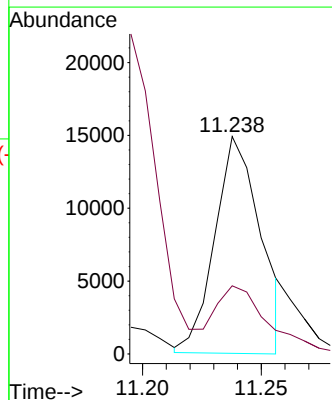
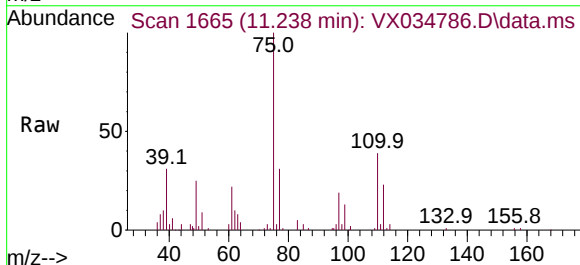
Manual Integrations
APPROVED

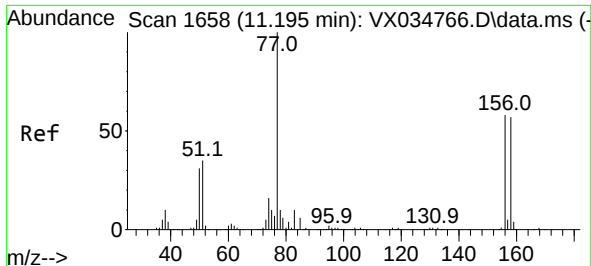
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#72
1,2,3-Trichloropropane
Concen: 4.897 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

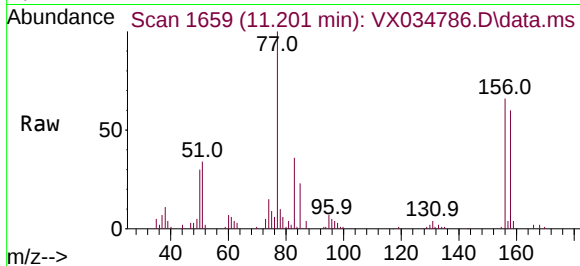
Tgt Ion: 75 Resp: 19927
Ion Ratio Lower Upper
75 100
77 38.8 0.0 73.8





#73
Bromobenzene
Concen: 5.073 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

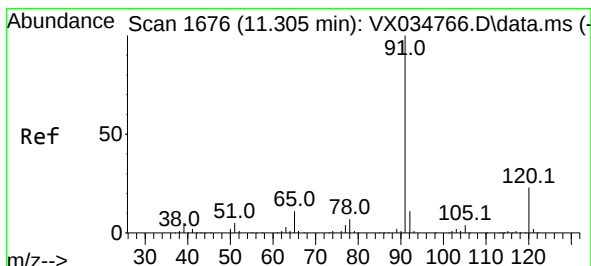
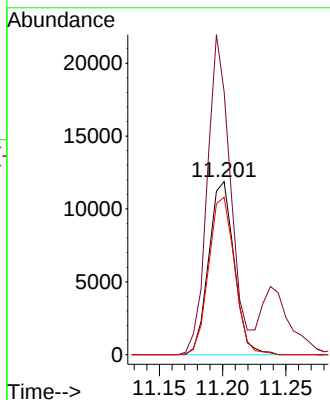
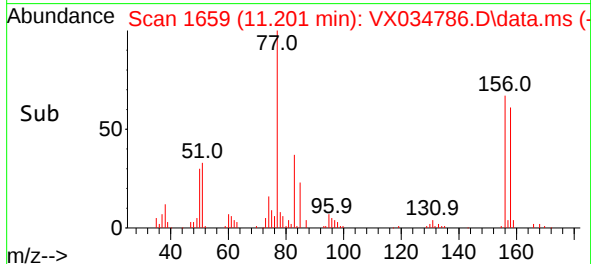
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



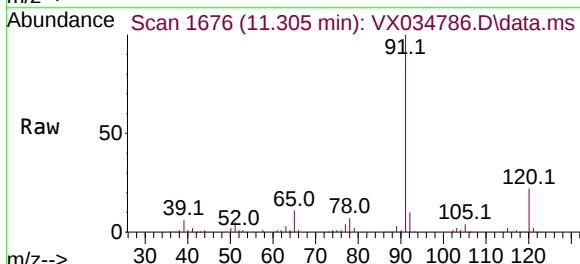
Tgt Ion:156 Resp: 1656
Ion Ratio Lower Upper
156 100
77 167.9 0.0 330.8
158 92.8 0.0 193.4

Manual Integrations
APPROVED

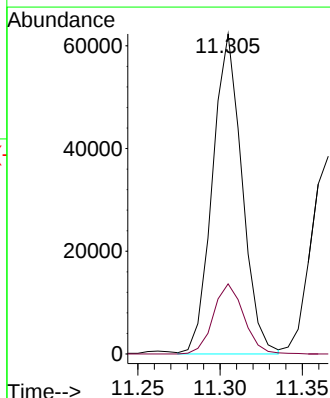
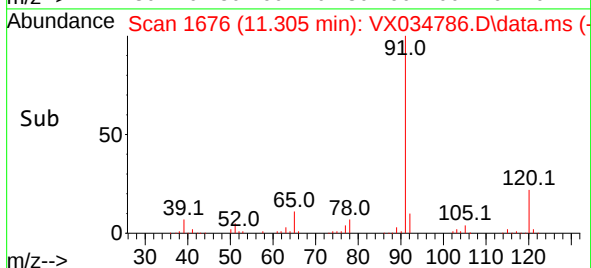
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

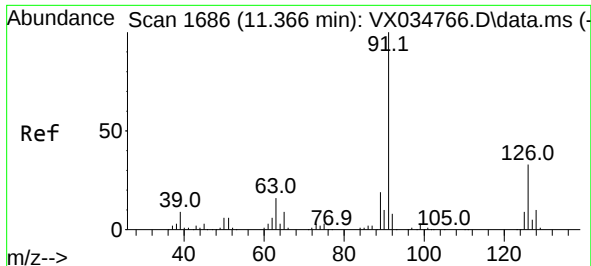


#74
n-propylbenzene
Concen: 4.924 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00



Tgt Ion: 91 Resp: 77945
Ion Ratio Lower Upper
91 100
120 22.5 0.0 44.8





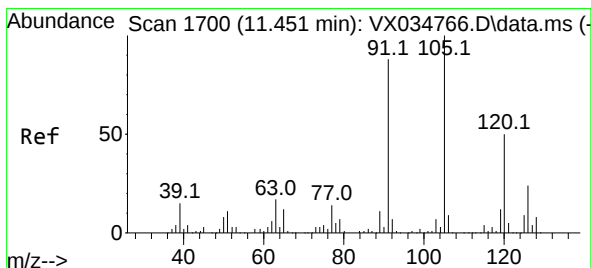
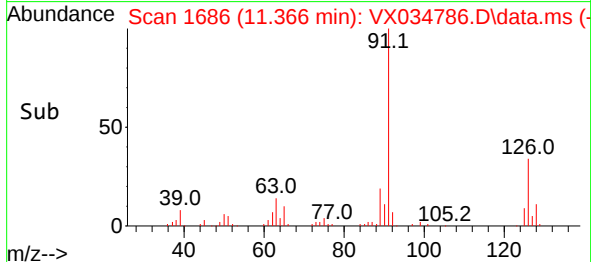
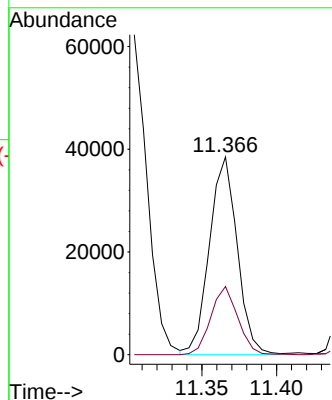
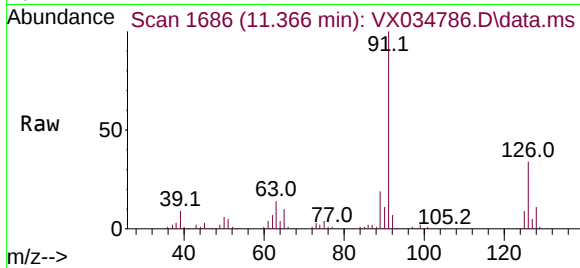
#75
2-Chlorotoluene
Concen: 5.050 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 91 Resp: 4983
Ion Ratio Lower Upper
91 100
126 33.4 0.0 66.4

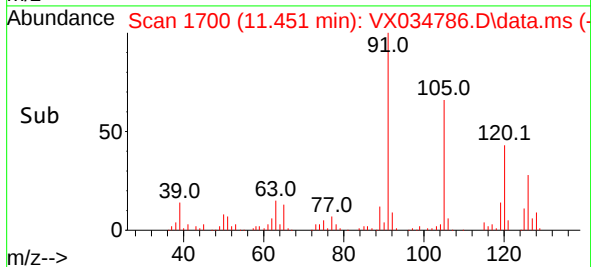
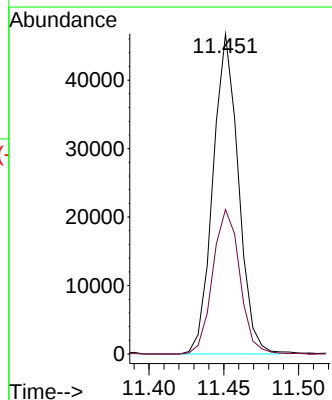
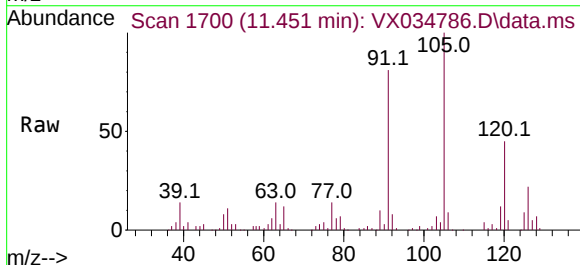
Manual Integrations
APPROVED

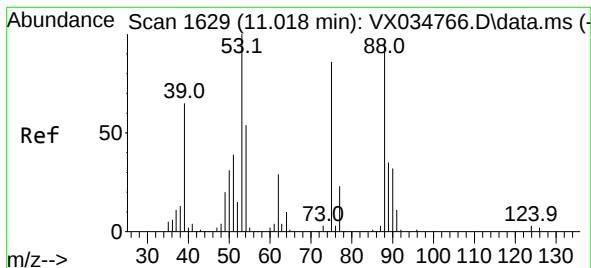
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#76
1,3,5-Trimethylbenzene
Concen: 4.834 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

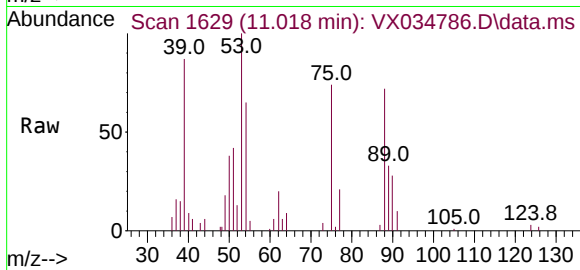
Tgt Ion:105 Resp: 55340
Ion Ratio Lower Upper
105 100
120 47.9 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 3.142 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

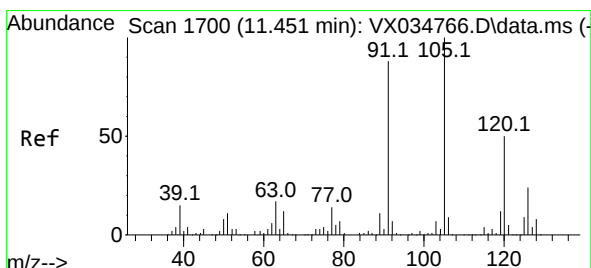
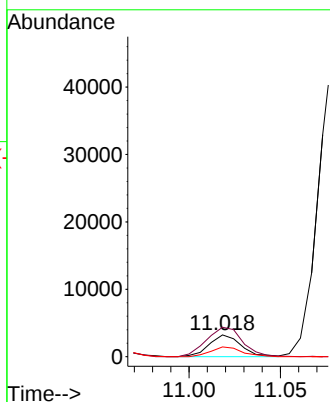
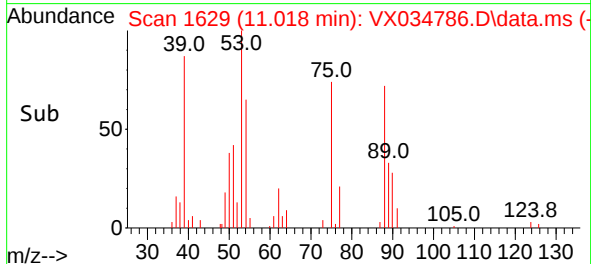
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion: 75 Resp: 3920
Ion Ratio Lower Upper
75 100
53 135.7 58.2 174.6
89 45.2 20.6 61.8

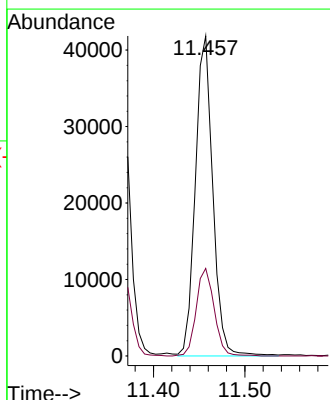
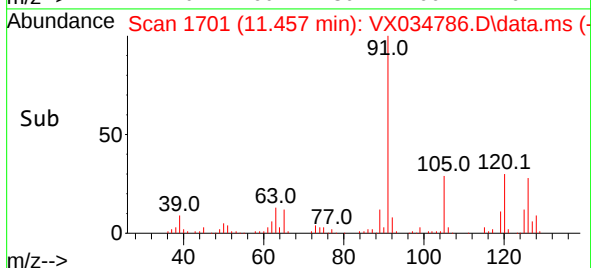
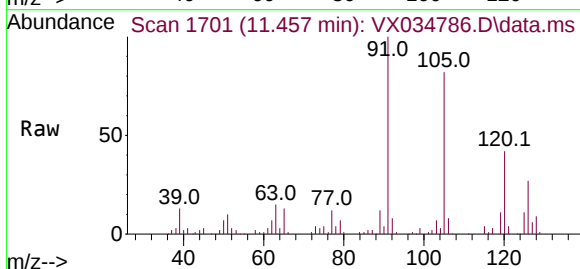
Manual Integrations
APPROVED

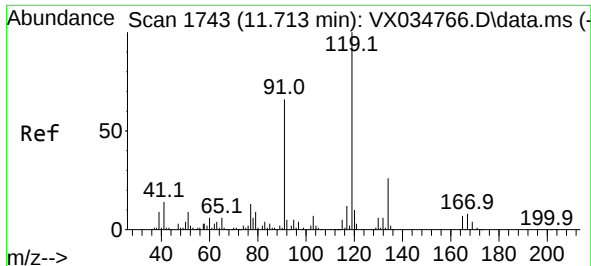
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#78
4-Chlorotoluene
Concen: 4.916 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

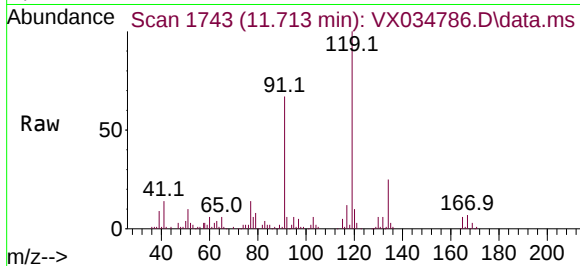
Tgt Ion: 91 Resp: 55618
Ion Ratio Lower Upper
91 100
126 28.1 0.0 56.8





#79
tert-butylbenzene
Concen: 4.837 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

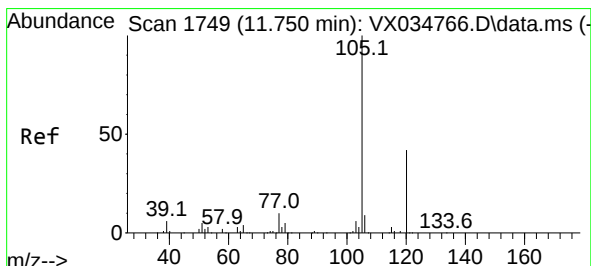
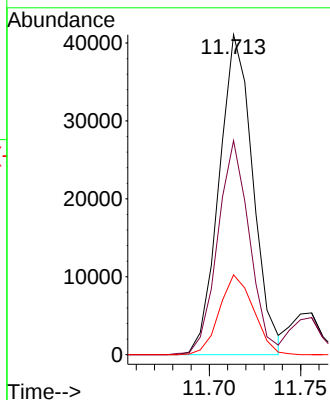
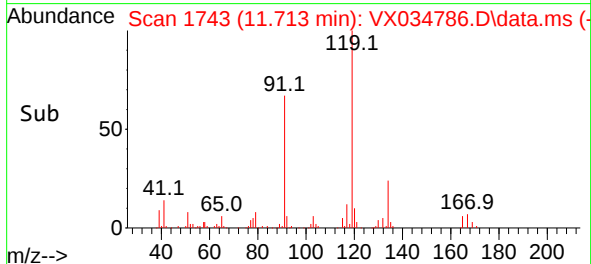
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023



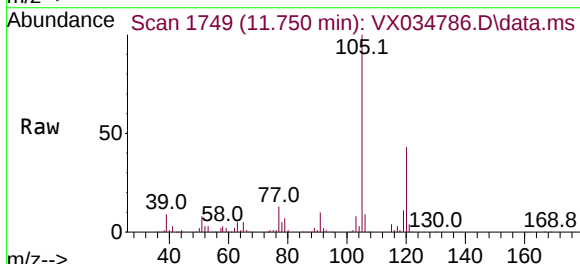
Tgt Ion:119 Resp: 5285
Ion Ratio Lower Upper
119 100
91 63.0 0.0 122.4
134 25.2 0.0 49.2

Manual Integrations
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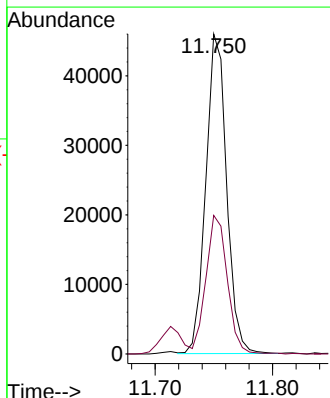
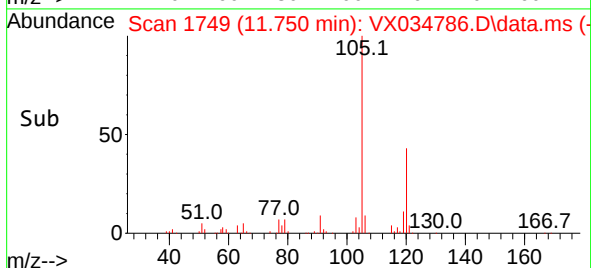
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

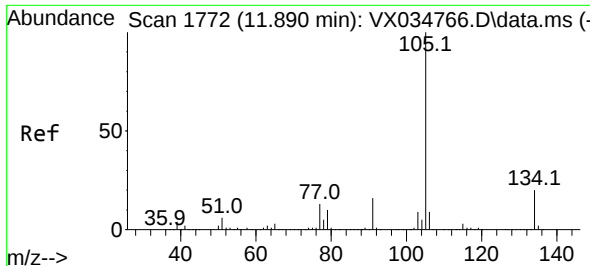


#80
1,2,4-Trimethylbenzene
Concen: 4.964 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00



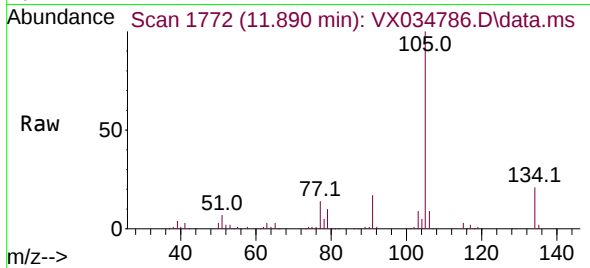
Tgt Ion:105 Resp: 56465
Ion Ratio Lower Upper
105 100
120 44.3 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 4.950 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034786.D
 Acq: 28 Mar 2023 12:00

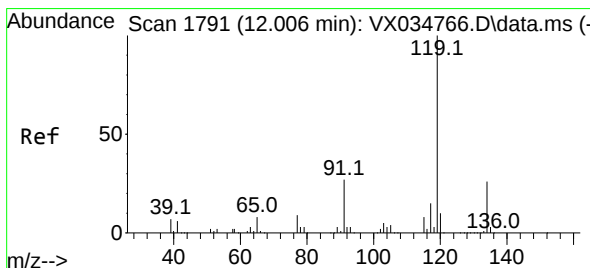
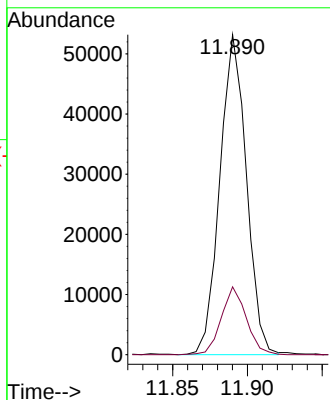
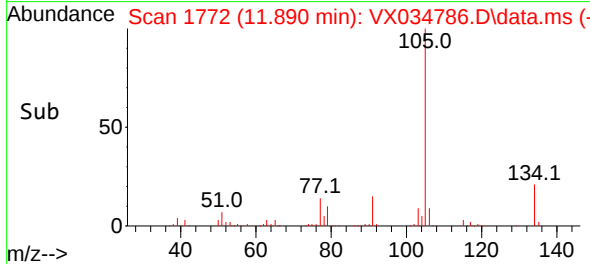
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2023



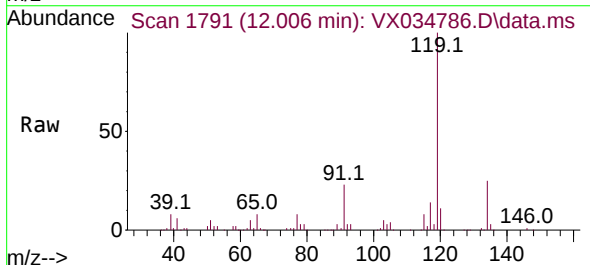
Tgt Ion:105 Resp: 6554
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 40.2

Manual Integrations
 APPROVED

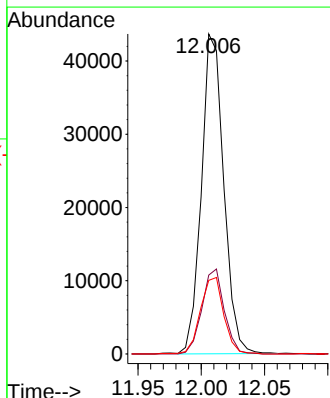
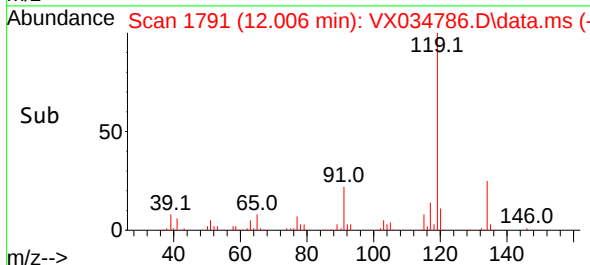
Reviewed By :John Carlone 03/30/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023

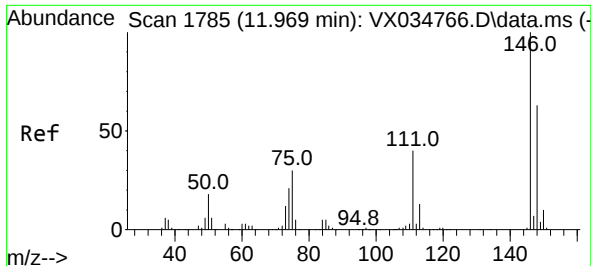


#82
 p-Isopropyltoluene
 Concen: 4.804 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034786.D
 Acq: 28 Mar 2023 12:00



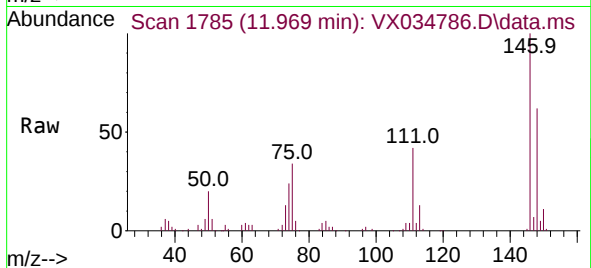
Tgt Ion:119 Resp: 53679
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 52.2
 91 25.0 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 4.899 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

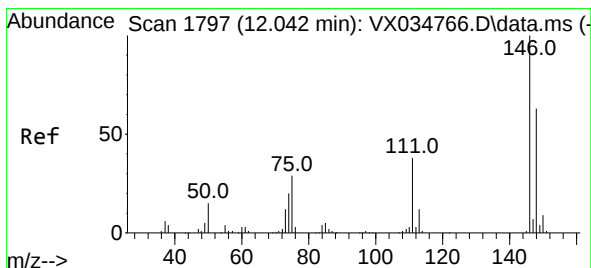
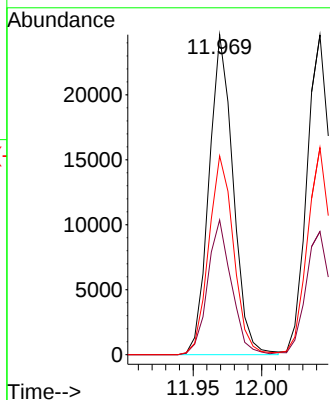
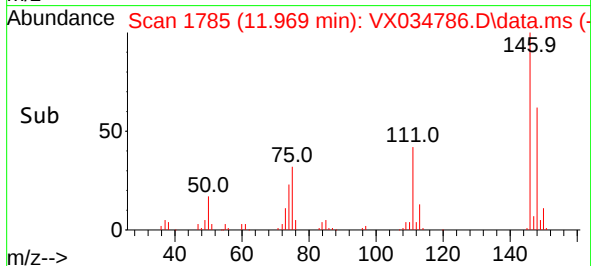
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



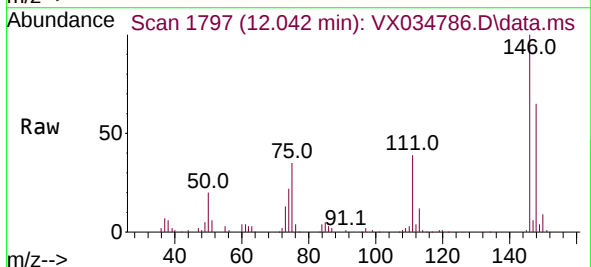
Tgt Ion:146 Resp: 30210
Ion Ratio Lower Upper
146 100
111 41.8 20.6 61.9
148 64.1 31.6 94.7

Manual Integrations
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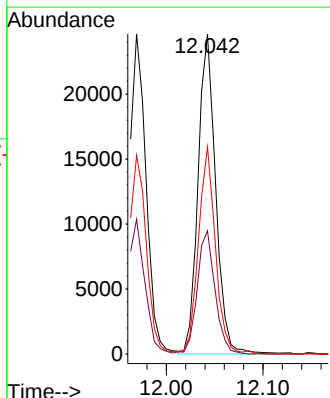
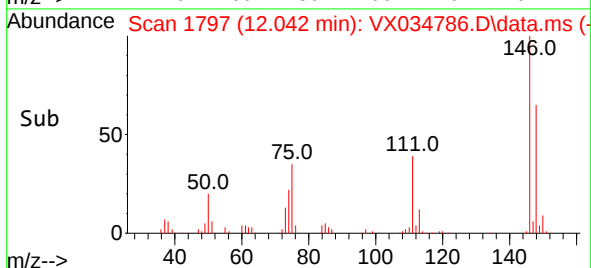
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

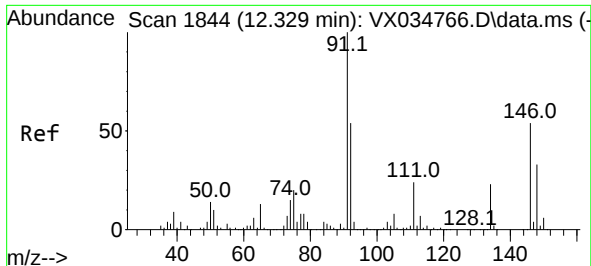


#84
1,4-Dichlorobenzene
Concen: 5.037 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00



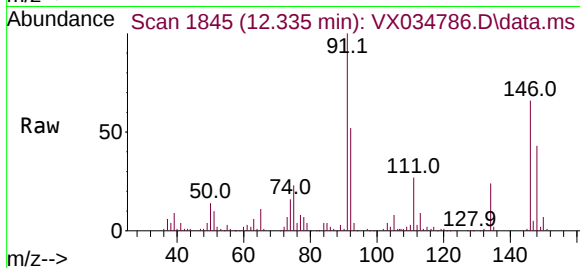
Tgt Ion:146 Resp: 31197
Ion Ratio Lower Upper
146 100
111 38.6 20.3 60.9
148 62.3 31.8 95.3





#85
n-Butylbenzene
Concen: 4.576 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

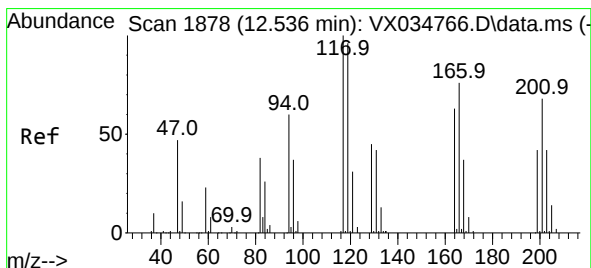
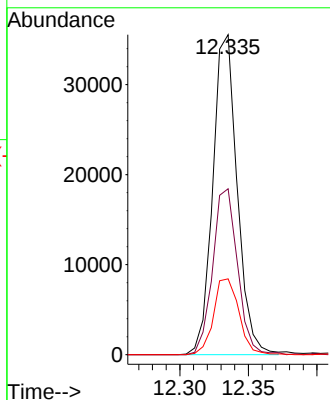
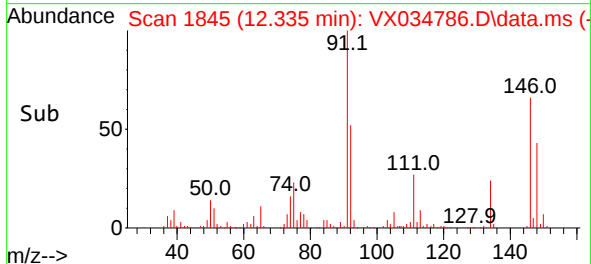
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion: 91 Resp: 44068
Ion Ratio Lower Upper
91 100
92 52.6 0.0 107.6
134 24.7 0.0 49.8

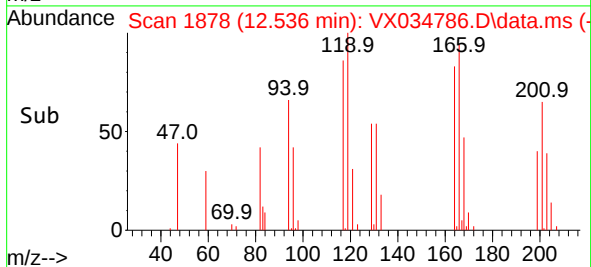
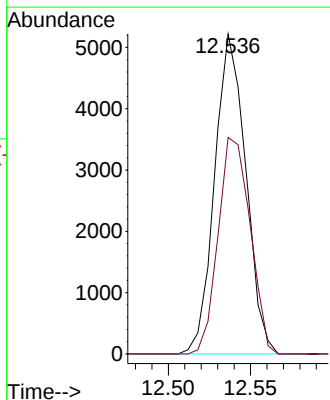
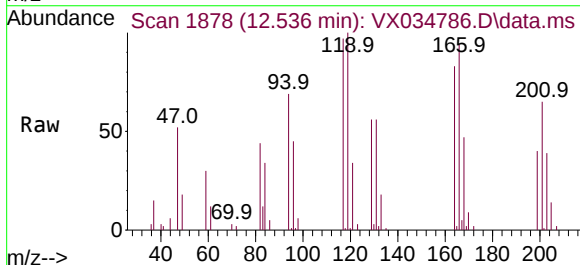
Manual Integrations
APPROVED

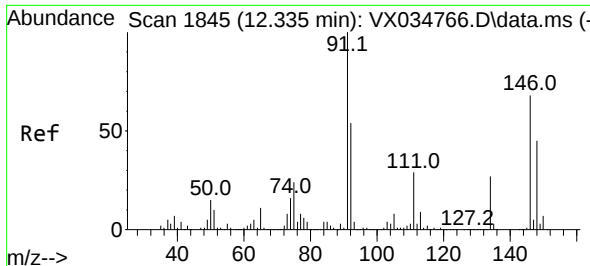
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#86
Hexachloroethane
Concen: 3.753 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

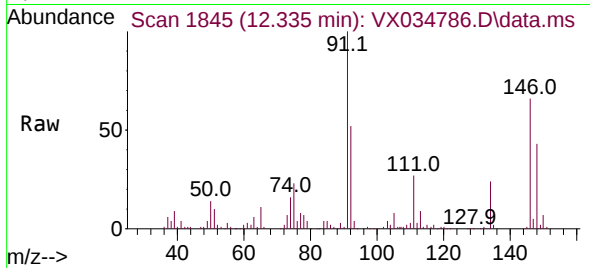
Tgt Ion:117 Resp: 6868
Ion Ratio Lower Upper
117 100
201 69.7 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 5.049 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

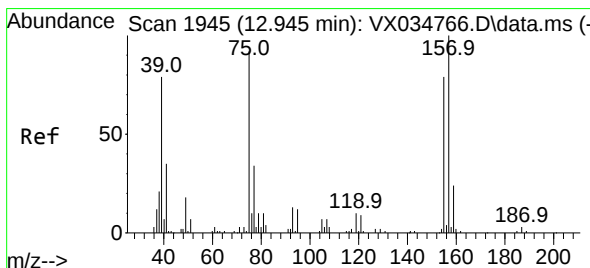
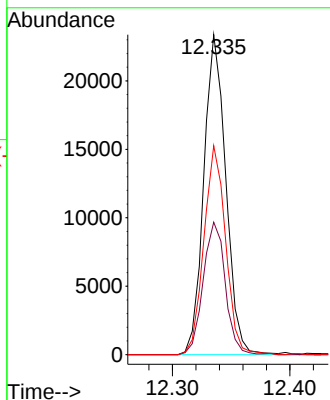
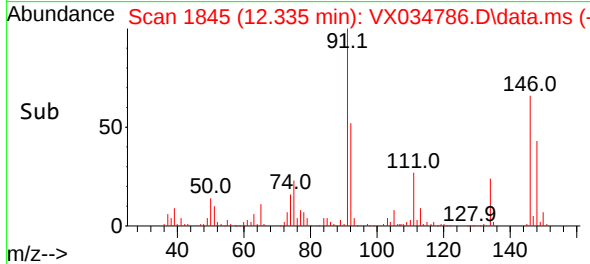
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023



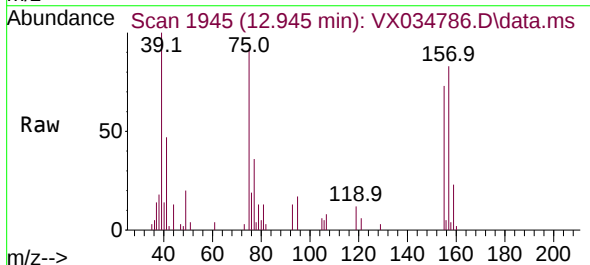
Tgt Ion:146 Resp: 3046
Ion Ratio Lower Upper
146 100
111 41.5 21.3 64.0
148 64.5 31.7 95.1

Manual Integrations
APPROVED

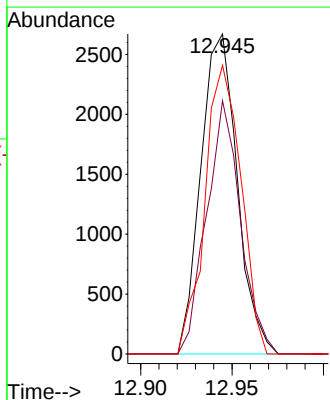
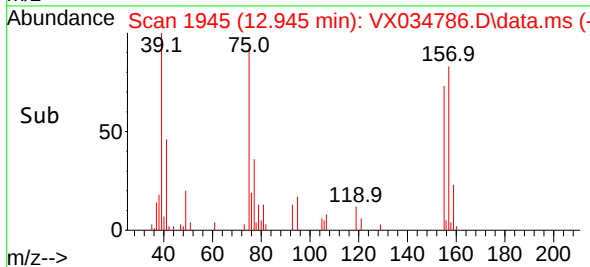
Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

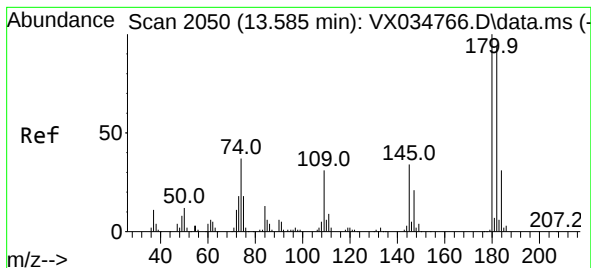


#88
1,2-Dibromo-3-Chloropropane
Concen: 3.796 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00



Tgt Ion: 75 Resp: 3708
Ion Ratio Lower Upper
75 100
155 73.9 63.7 95.5
157 89.4 83.7 125.5





#89

1,2,4-Trichlorobenzene

Concen: 4.850 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

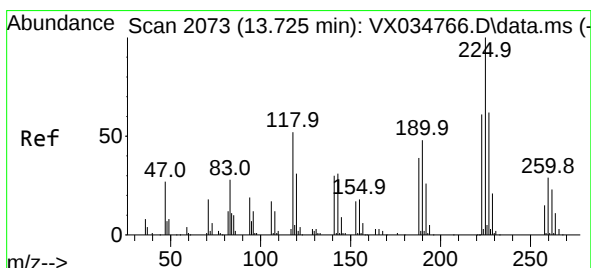
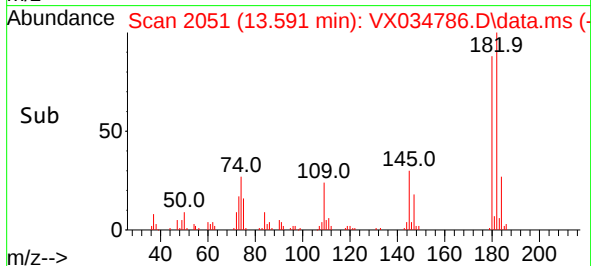
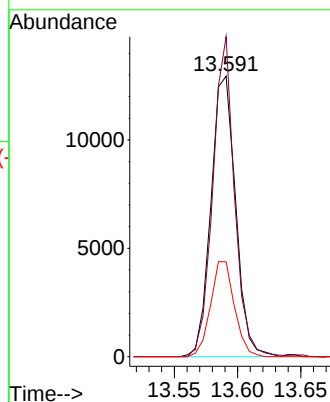
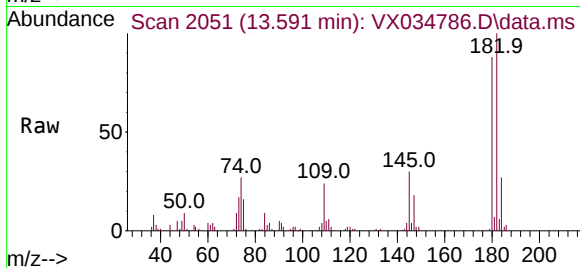
Tgt Ion:180	Resp:	1755
Ion Ratio	Lower	Upper
180	100	
182	99.8	75.8 113.8
145	32.9	25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#90

Hexachlorobutadiene

Concen: 4.896 ug/l

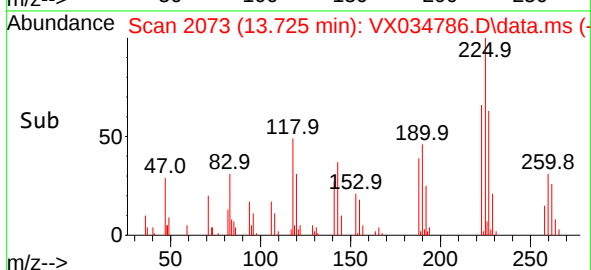
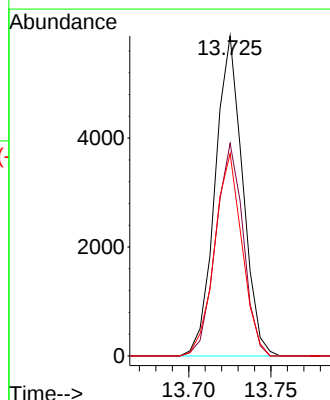
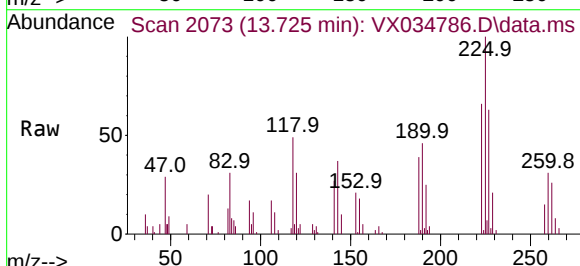
RT: 13.725 min Scan# 2073

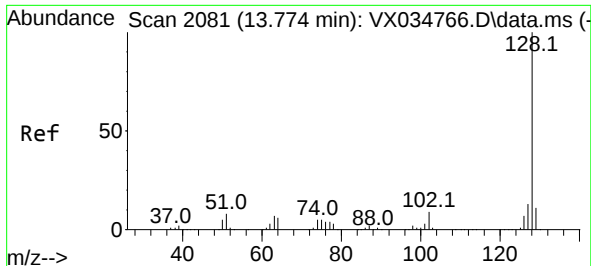
Delta R.T. 0.000 min

Lab File: VX034786.D

Acq: 28 Mar 2023 12:00

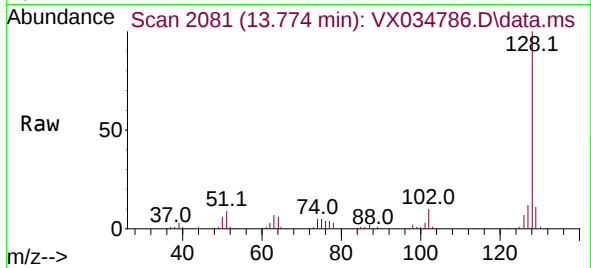
Tgt Ion:225	Resp:	6835
Ion Ratio	Lower	Upper
225	100	
223	0.0	0.0 124.2
227	63.2	0.0 122.8





#91
Naphthalene
Concen: 4.482 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00

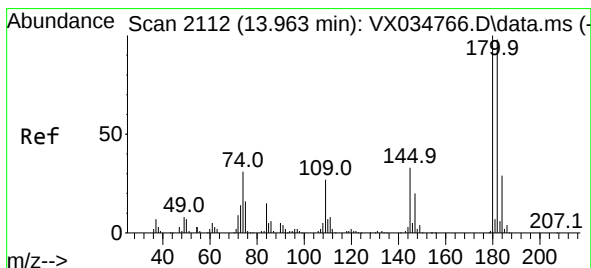
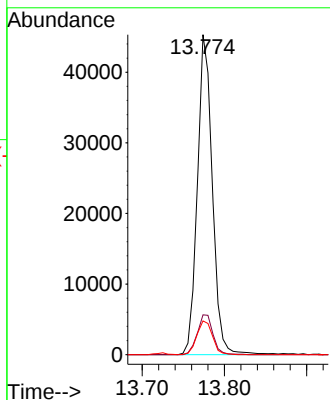
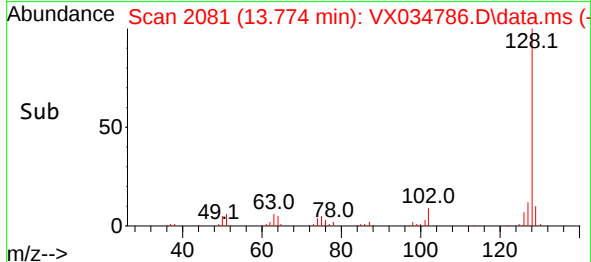
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



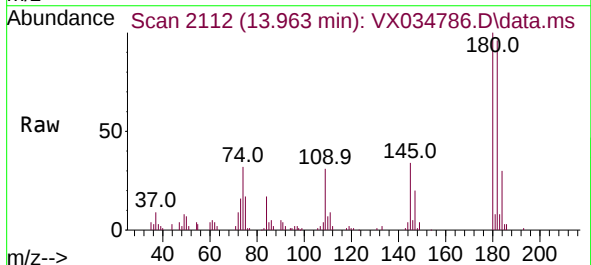
Tgt Ion:128 Resp: 57325
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/30/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#92
1,2,3-Trichlorobenzene
Concen: 4.786 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034786.D
Acq: 28 Mar 2023 12:00



Tgt Ion:180 Resp: 17321
Ion Ratio Lower Upper
180 100
182 92.1 0.0 191.0
145 34.7 0.0 66.8

