

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034775.D
 Acq On : 28 Mar 2023 03:11
 Operator : JC/MD
 Sample : 01627-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

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

Quant Time: Mar 28 09:22:04 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 :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023

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

Internal Standards						
1) Bromochloromethane	4.903	128	26765	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	189004	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	200920	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	78023	30.339	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.133%			
60) 4-Bromofluorobenzene	11.079	95	111677	27.817	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.733%			
63) Toluene-d8	8.647	98	208922	30.598	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	12053	4.748	ug/l	96
3) Chloromethane	1.294	50	16407	4.984	ug/l	100
4) Vinyl Chloride	1.374	62	16437	5.061	ug/l	97
5) Bromomethane	1.617	94	12173	5.699	ug/l	99
6) Chloroethane	1.691	64	10001	4.732	ug/l	91
7) Trichlorofluoromethane	1.886	101	26589	5.140	ug/l	98
8) Diethyl Ether	2.136	74	9456	5.078	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	13121	5.000	ug/l	95
10) 1,1-Dichloroethene	2.325	96	13158	4.953	ug/l	92
11) Methyl Iodide	2.453	142	14728	4.353	ug/l	95
12) Methyl Acetate	2.703	43	29685	5.046	ug/l	98
13) Acrolein	2.239	56	17413	25.523	ug/l	99
14) Acrylonitrile	3.068	53	42122	26.000	ug/l	99
15) Acetone	2.392	58	11561	26.286	ug/l	96
16) Carbon Disulfide	2.514	76	30627	4.507	ug/l	99
17) Allyl chloride	2.666	41	24731	4.811	ug/l	96
18) Methylene Chloride	2.788	84	16468	5.262	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	14267	4.908	ug/l	95
20) Diisopropyl ether	3.757	45	53689	5.098	ug/l	89
21) 1,1-Dichloroethane	3.611	63	27782	4.933	ug/l	97
22) cis-1,2-Dichloroethene	4.495	96	16785	4.957	ug/l	99
23) tert-Butyl Alcohol	3.007	59	20082m	27.551	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	49895	5.054	ug/l	96
25) Chloroform	5.092	83	28519	4.979	ug/l	99
26) Cyclohexane	5.470	56	25803	5.229	ug/l #	98
29) 1,1-Dichloropropene	5.696	75	20647	4.750	ug/l	99
30) 2-Butanone	4.568	43	59946	24.727	ug/l #	97
31) 2,2-Dichloropropane	4.471	77	18175	4.123	ug/l #	83
32) 1,1,1-Trichloroethane	5.385	97	23250	4.559	ug/l	97
33) Carbon Tetrachloride	5.678	117	18846	4.478	ug/l	98
34) Benzene	6.037	78	61814	4.893	ug/l	96
35) Methacrylonitrile	4.928	41	12512	4.715	ug/l	94
36) 1,2-Dichloroethane	6.092	62	23827	4.811	ug/l	99
37) Trichloroethene	7.123	130	15232	4.738	ug/l	90
38) Methylcyclohexane	7.385	83	22509	4.739	ug/l	98
39) 1,2-Dichloropropane	7.433	63	15312	4.663	ug/l	96
40) Dibromomethane	7.586	93	10482	4.647	ug/l	97
41) Bromodichloromethane	7.824	83	18358	4.321	ug/l	99
42) Vinyl Acetate	3.721	43	181302	22.924	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	24249	5.157	ug/l #	92
44) Isopropyl Acetate	6.342	43	36457	4.580	ug/l	100
45) 1,4-Dioxane	7.720	88	8378	106.245	ug/l #	63
46) Methyl methacrylate	7.696	41	17643	4.549	ug/l	95
47) n-amyl Acetate	10.841	43	26548	3.837	ug/l	100
48) t-1,3-Dichloropropene	8.982	75	17841	3.854	ug/l	94
49) cis-1,3-Dichloropropene	8.366	75	20561	4.043	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	15351	4.885	ug/l	95
51) Ethyl methacrylate	9.116	69	22624	4.436	ug/l	98
52) 1,3-Dichloropropane	9.311	76	27034	4.870	ug/l	98
53) Dibromochloromethane	9.518	129	12233	3.935	ug/l	96
54) 1,2-Dibromoethane	9.610	107	14988	4.459	ug/l	98
55) 2-Chloroethyl vinyl ether	8.244	63	60409	22.506	ug/l	99
56) Bromoform	10.799	173	7362	3.435	ug/l	96
58) 4-Methyl-2-Pentanone	8.573	43	114368	24.827	ug/l	99
59) 2-Hexanone	9.433	43	84024	24.225	ug/l	100
61) Tetrachloroethene	9.275	164	14000	5.171	ug/l	98
62) Toluene	8.720	91	65647	4.997	ug/l	98
64) Chlorobenzene	10.079	112	39561	4.890	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.165	131	12812	4.430	ug/l	99
66) Ethyl Benzene	10.195	91	71917	4.915	ug/l	100
67) m/p-Xylenes	10.299	106	51969	9.334	ug/l	99
68) o-Xylene	10.640	106	26452	4.804	ug/l	99
69) Styrene	10.658	104	40681	4.482	ug/l	99
70) Isopropylbenzene	10.963	105	67306	4.723	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	21903	4.676	ug/l	96
72) 1,2,3-Trichloropropane	11.238	75	20045m	4.701	ug/l	
73) Bromobenzene	11.195	156	15939	4.658	ug/l	95
74) n-propylbenzene	11.305	91	75141	4.530	ug/l	99
75) 2-Chlorotoluene	11.366	91	49501	4.787	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	55204	4.602	ug/l	99
77) t-1,4-Dichloro-2-butene	11.024	75	3802	2.904	ug/l	88
78) 4-Chlorotoluene	11.457	91	54061	4.560	ug/l	99
79) tert-butylbenzene	11.713	119	52756	4.607	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	53106	4.455	ug/l	97
81) sec-Butylbenzene	11.890	105	62834	4.529	ug/l	98
82) p-Isopropyltoluene	12.012	119	50933	4.350	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	29926	4.631	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	30521	4.703	ug/l	96
85) n-Butylbenzene	12.335	91	41035	4.067	ug/l	100
86) Hexachloroethane	12.536	117	6737	3.513	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	28984	4.583	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.945	75	3407	3.329	ug/l	98
89) 1,2,4-Trichlorobenzene	13.591	180	15894	4.190	ug/l	98
90) Hexachlorobutadiene	13.725	225	6077	4.154	ug/l	95
91) Naphthalene	13.774	128	59159	4.414	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	17122	4.515	ug/l	100

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

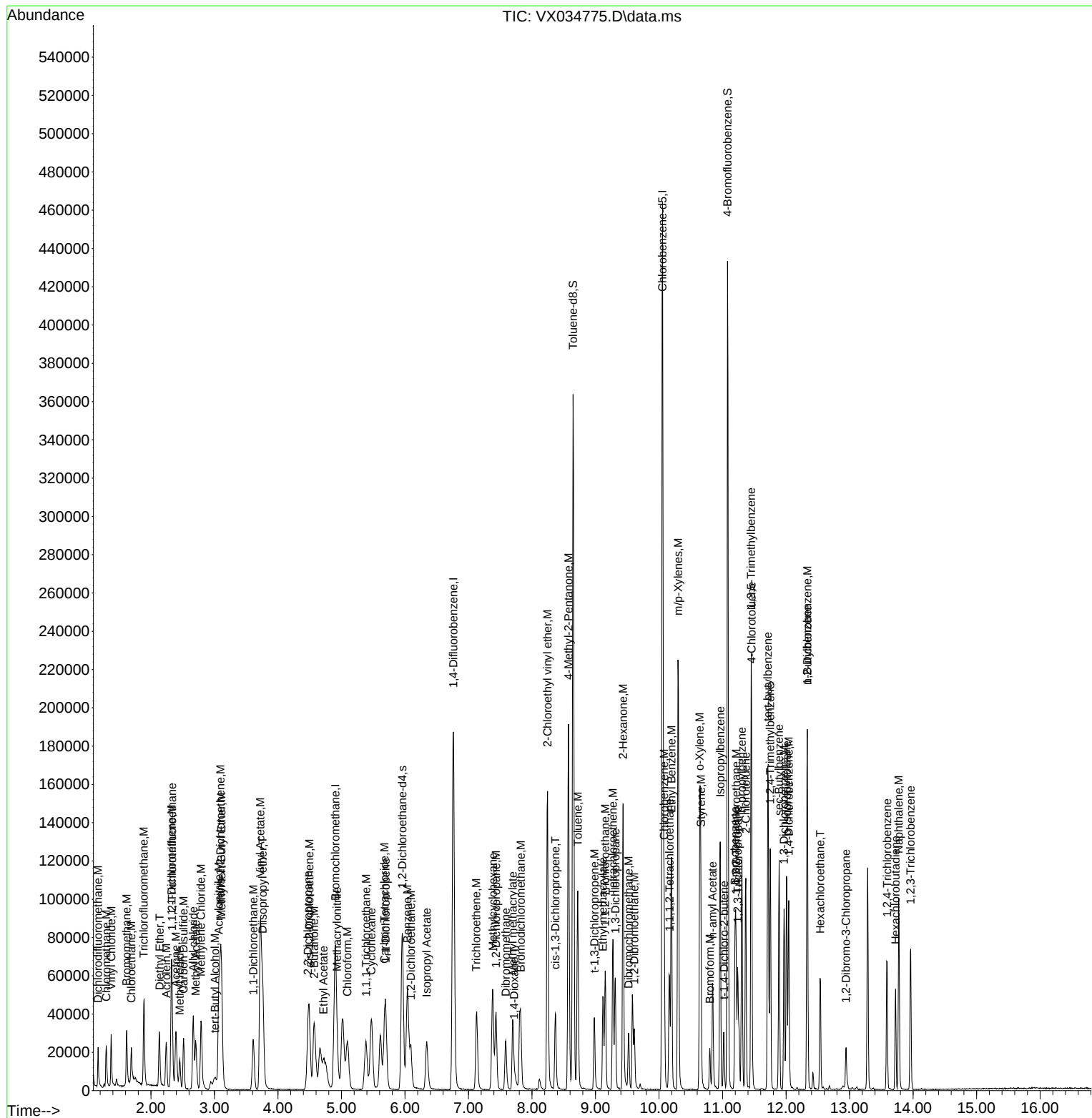
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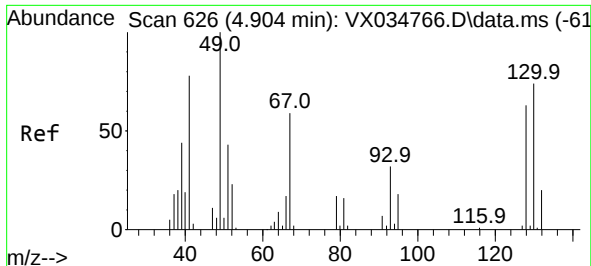
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 ClientSampleId :
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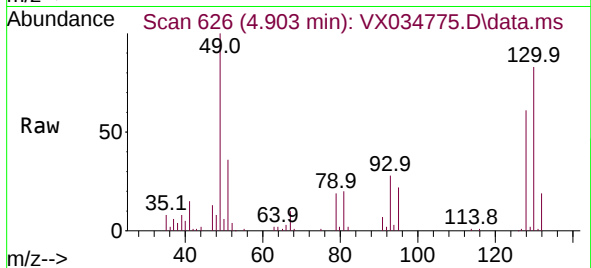
Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

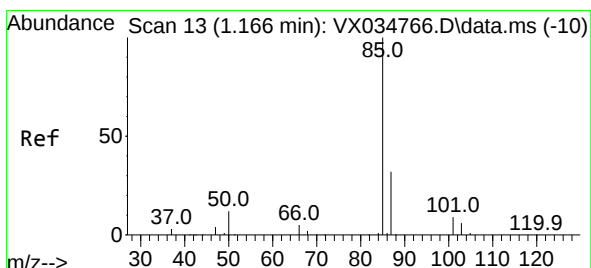
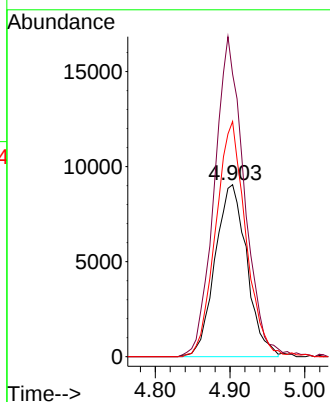
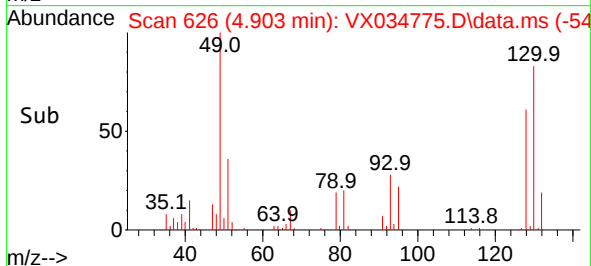
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:128 Resp: 2676
Ion Ratio Lower Upper
128 100
49 174.9 0.0 428.8
130 129.3 0.0 310.8

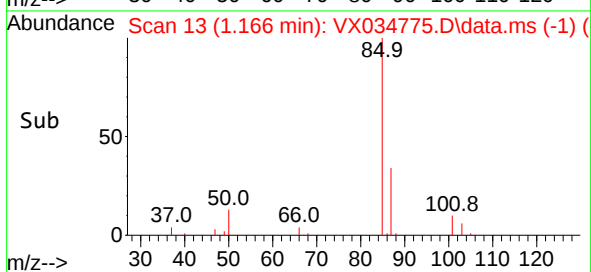
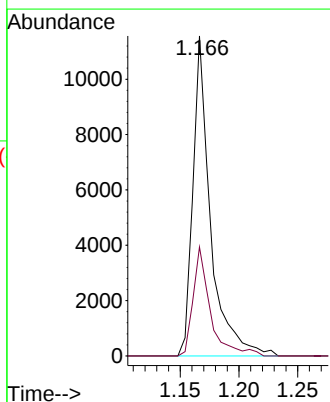
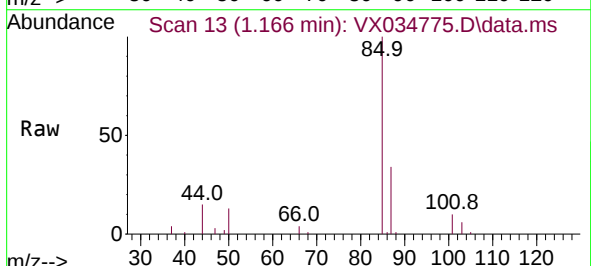
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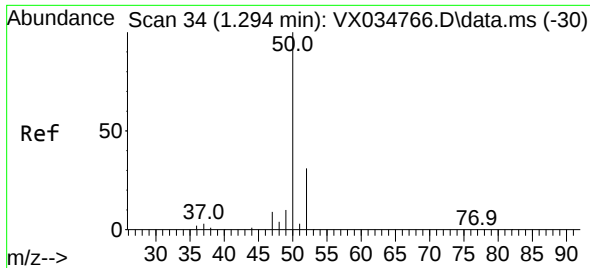
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#2
Dichlorodifluoromethane
Concen: 4.748 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

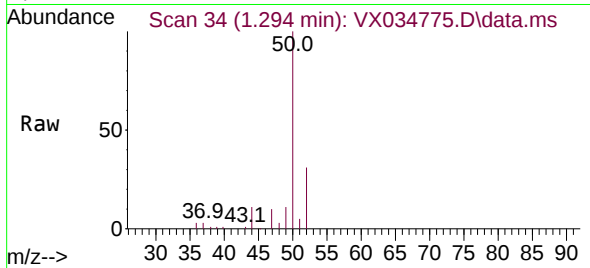
Tgt Ion: 85 Resp: 12053
Ion Ratio Lower Upper
85 100
87 34.1 16.0 48.0





#3
Chloromethane
Concen: 4.984 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

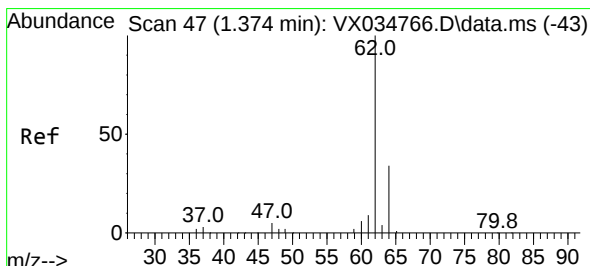
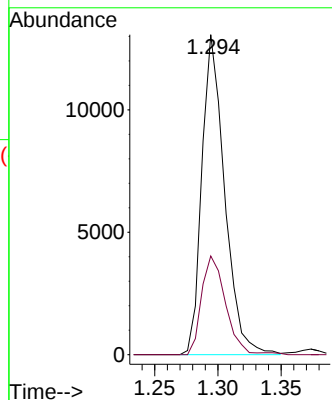
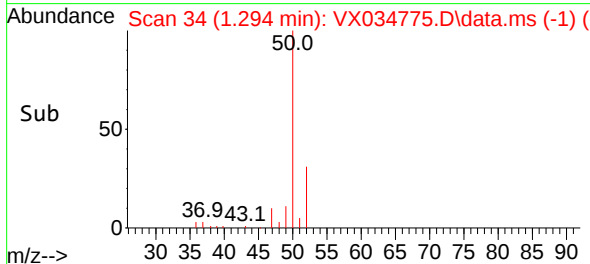
Instrument :
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Tgt Ion: 50 Resp: 1640
Ion Ratio Lower Upper
50 100
52 30.9 24.6 36.8

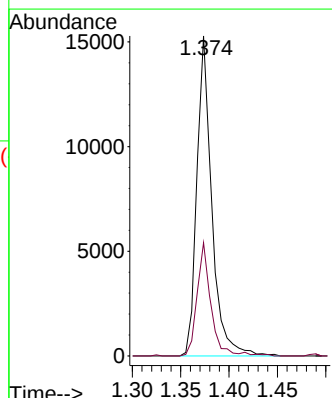
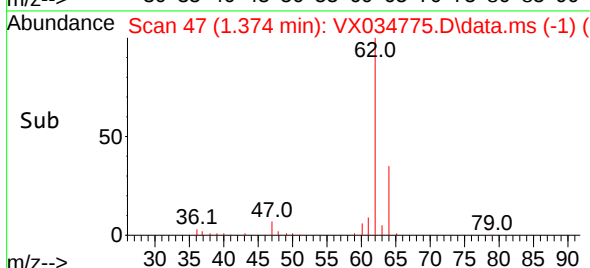
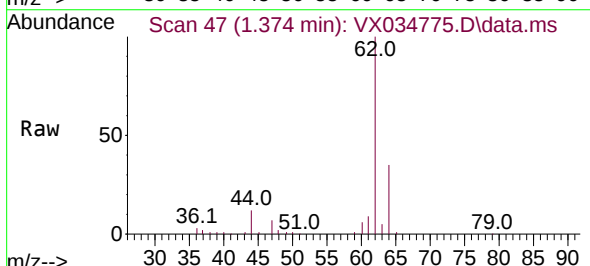
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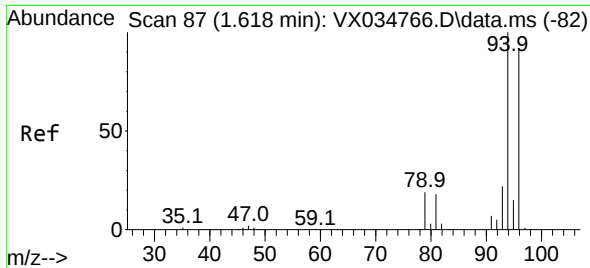
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#4
Vinyl Chloride
Concen: 5.061 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

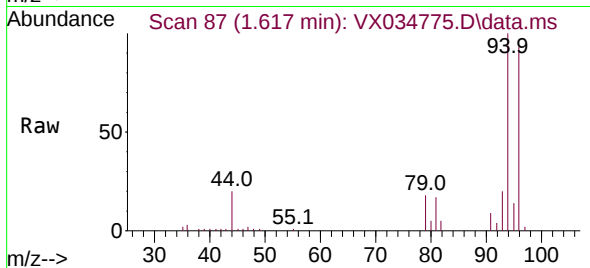
Tgt Ion: 62 Resp: 16437
Ion Ratio Lower Upper
62 100
64 35.4 26.9 40.3





#5
Bromomethane
Concen: 5.699 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

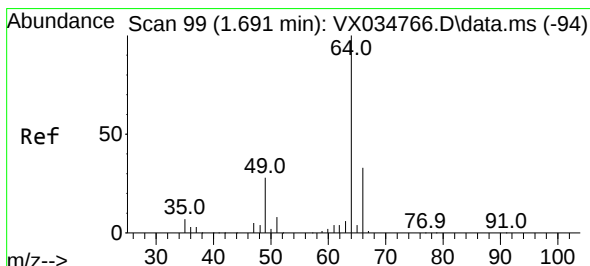
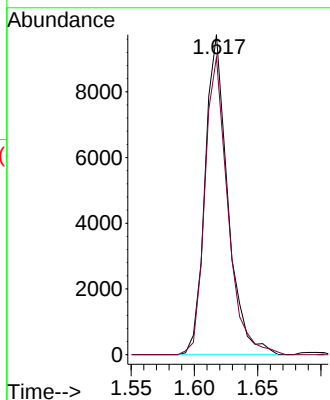
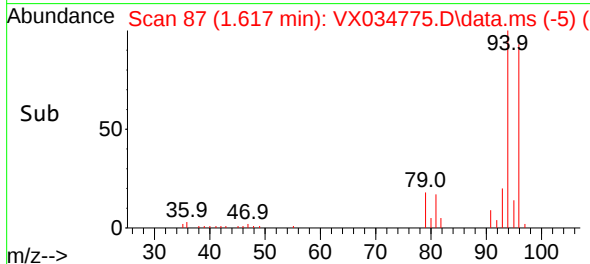
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Tgt Ion: 94 Resp: 1217
Ion Ratio Lower Upper
94 100
96 92.9 73.4 110.0

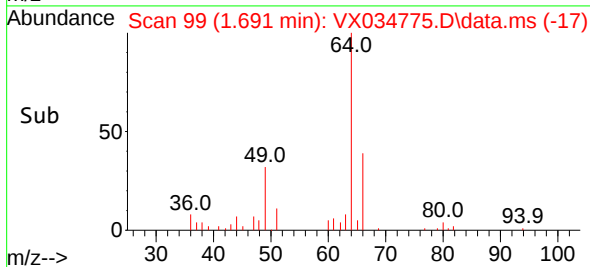
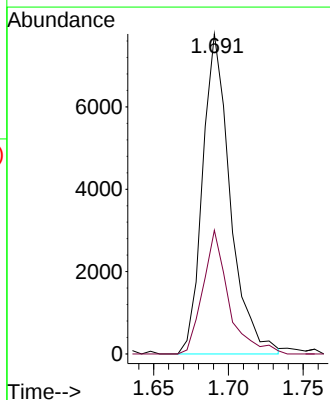
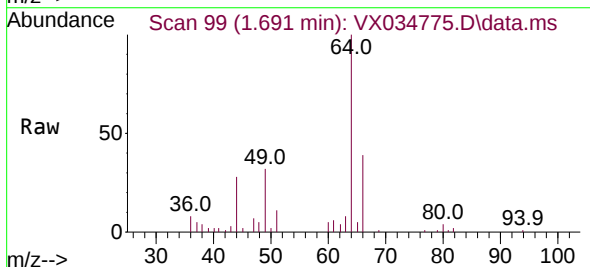
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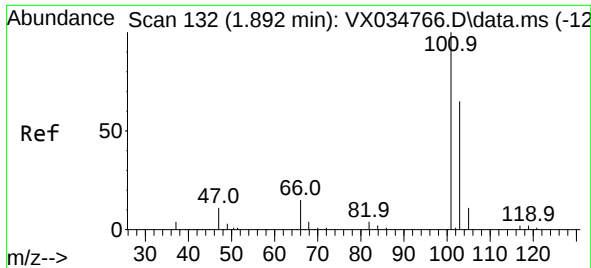
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#6
Chloroethane
Concen: 4.732 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX034775.D
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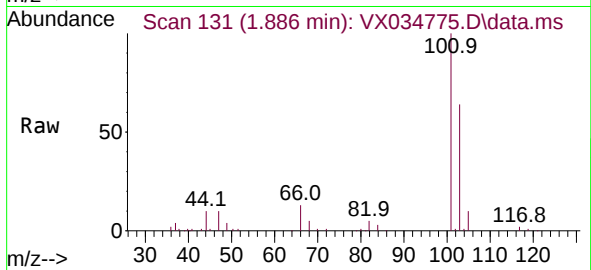
Tgt Ion: 64 Resp: 10001
Ion Ratio Lower Upper
64 100
66 38.6 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 5.140 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX034775.D
 Acq: 28 Mar 2023 03:11

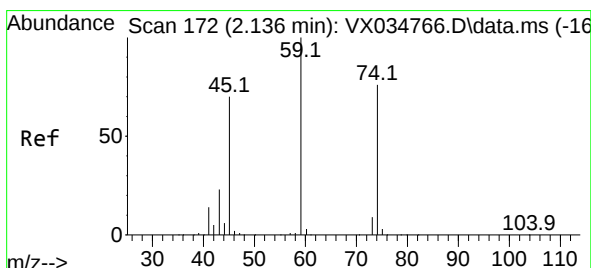
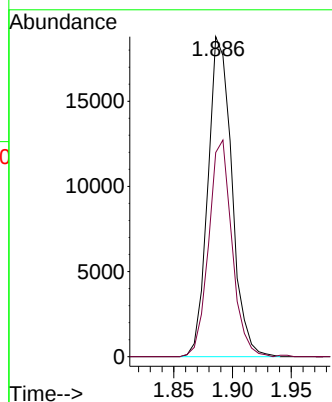
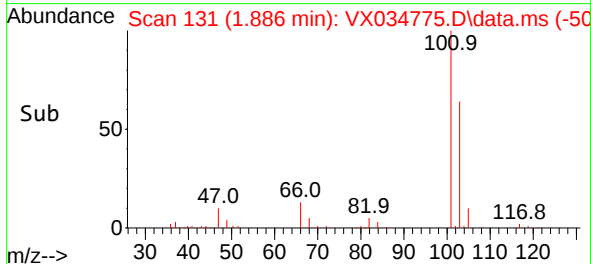
Instrument :
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 LOQ-WATER-02-QT1-2023



Tgt Ion:101 Resp: 26589
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.1 78.1

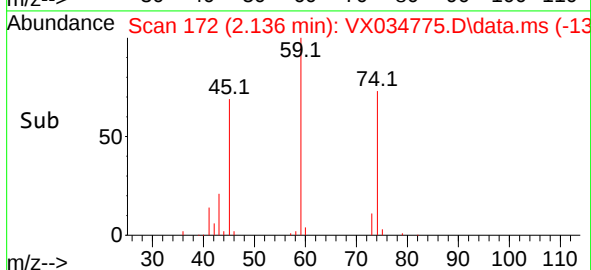
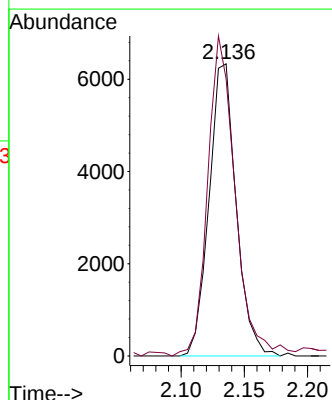
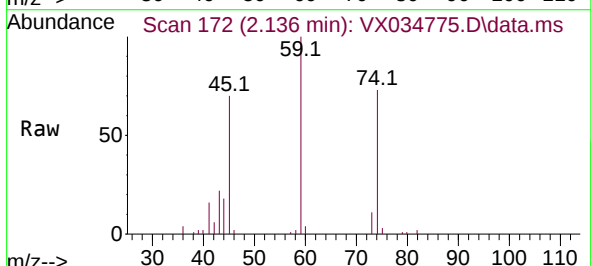
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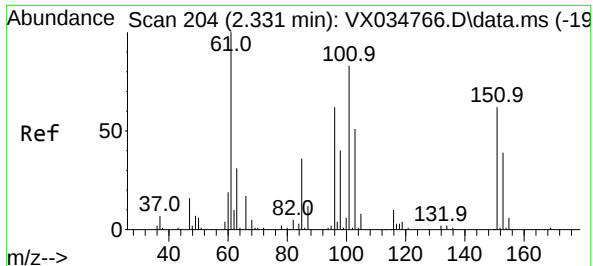
Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023



#8
 Diethyl Ether
 Concen: 5.078 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX034775.D
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Tgt Ion: 74 Resp: 9456
 Ion Ratio Lower Upper
 74 100
 45 109.1 20.5 184.5





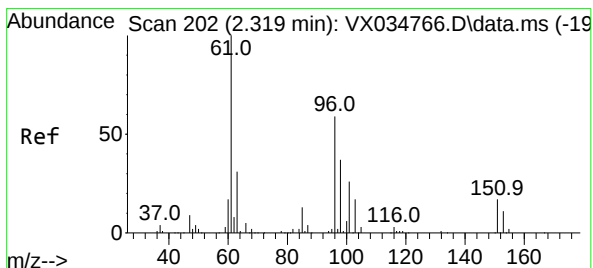
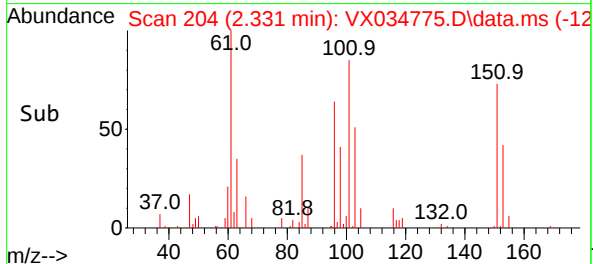
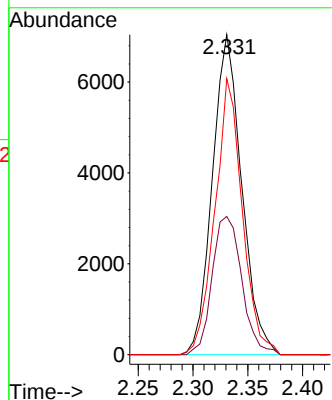
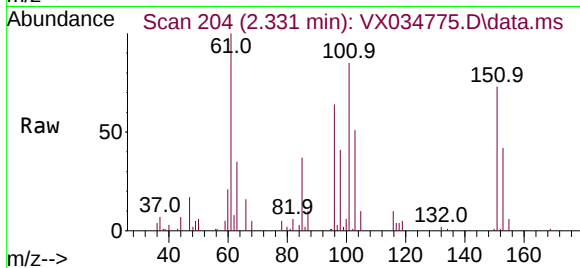
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.000 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

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

Tgt Ion: 101 Resp: 1312
Ion Ratio Lower Upper
101 100
85 43.6 0.0 88.8
151 80.4 0.0 147.6

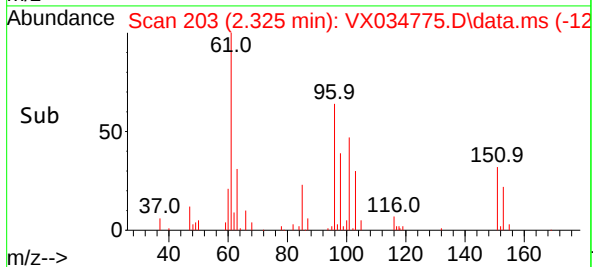
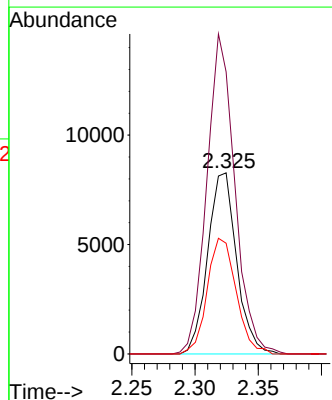
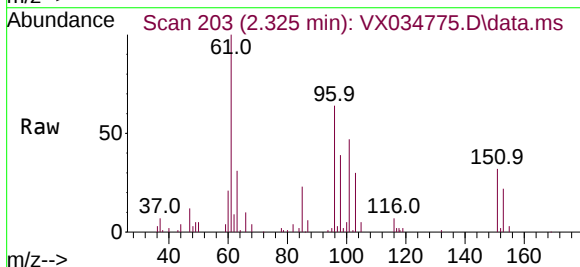
Manual Integrations
APPROVED

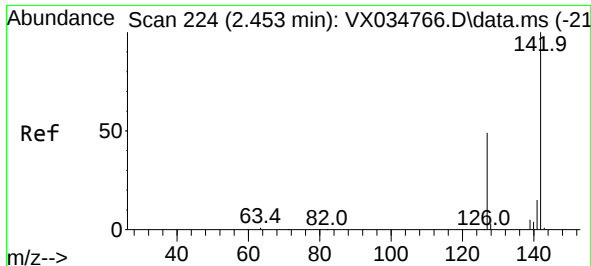
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#10
1,1-Dichloroethene
Concen: 4.953 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

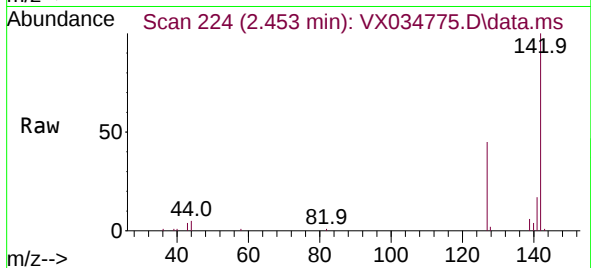
Tgt Ion: 96 Resp: 13158
Ion Ratio Lower Upper
96 100
61 154.6 135.8 203.6
98 61.1 49.8 74.6





#11
Methyl Iodide
Concen: 4.353 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

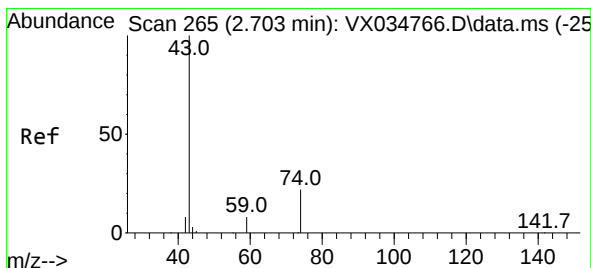
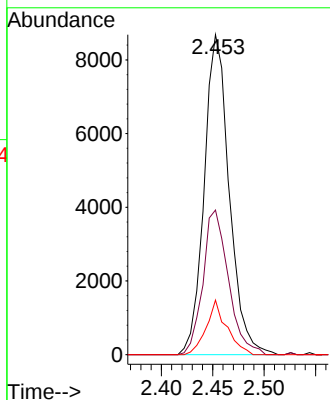
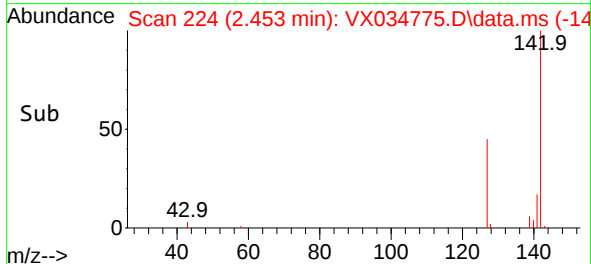
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:142 Resp: 14728
Ion Ratio Lower Upper
142 100
127 45.2 24.5 73.5
141 17.1 7.6 22.8

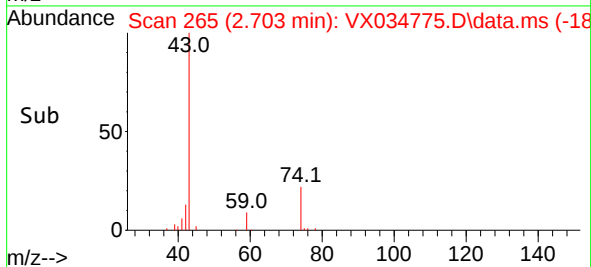
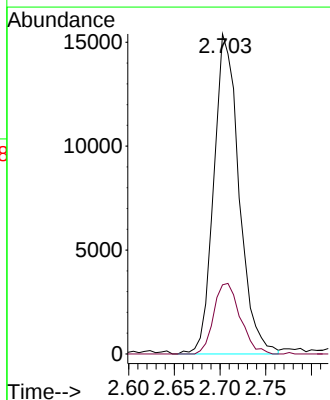
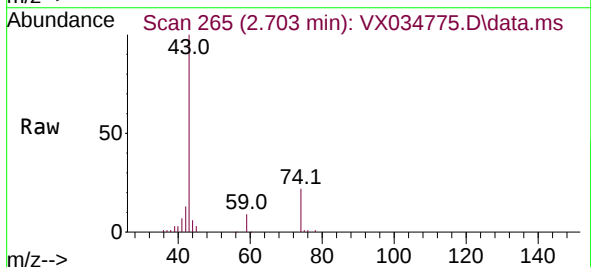
Manual Integrations
APPROVED

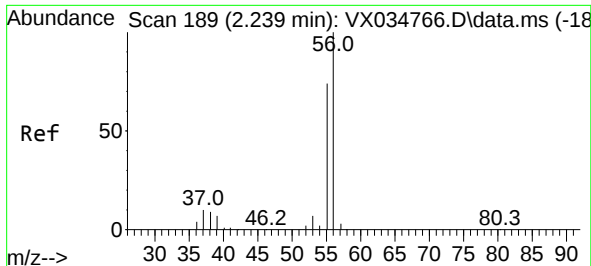
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#12
Methyl Acetate
Concen: 5.046 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

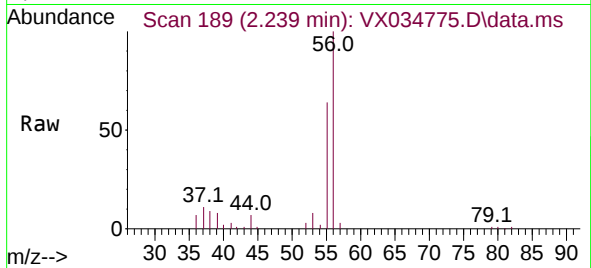
Tgt Ion: 43 Resp: 29685
Ion Ratio Lower Upper
43 100
74 21.7 18.0 27.0





#13
Acrolein
Concen: 25.523 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

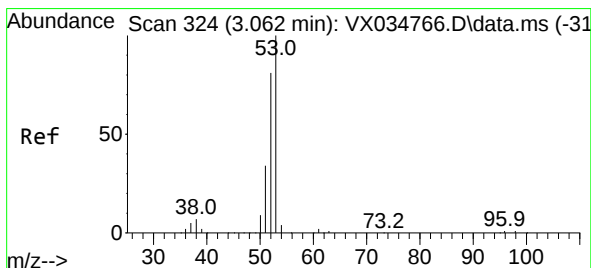
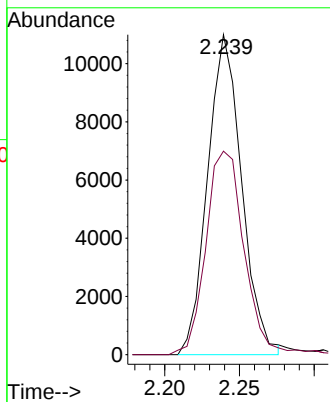
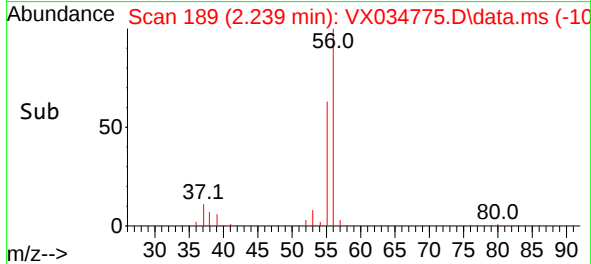
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



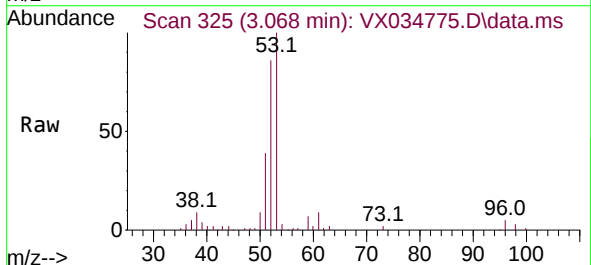
Tgt Ion: 56 Resp: 1741
Ion Ratio Lower Upper
56 100
55 71.7 56.6 85.0

Manual Integrations
APPROVED

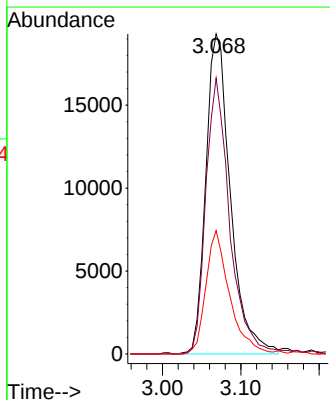
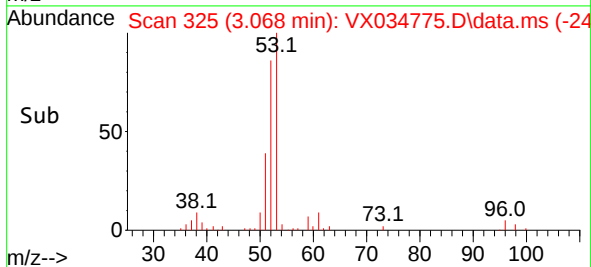
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

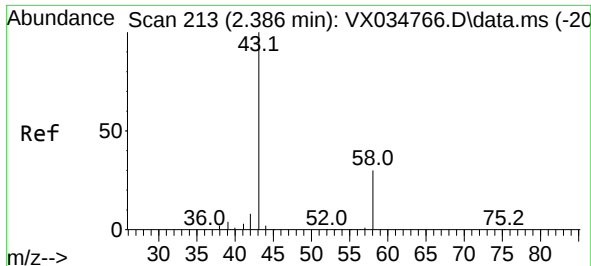


#14
Acrylonitrile
Concen: 26.000 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11



Tgt Ion: 53 Resp: 42122
Ion Ratio Lower Upper
53 100
52 83.4 41.3 123.7
51 37.1 17.9 53.7





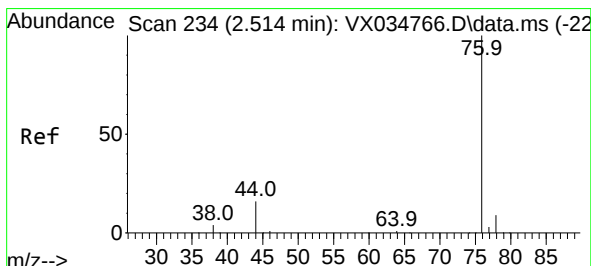
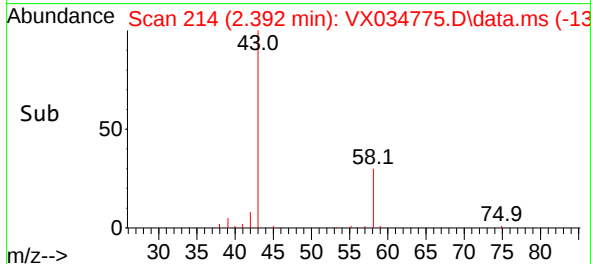
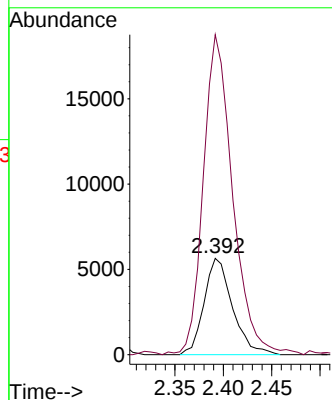
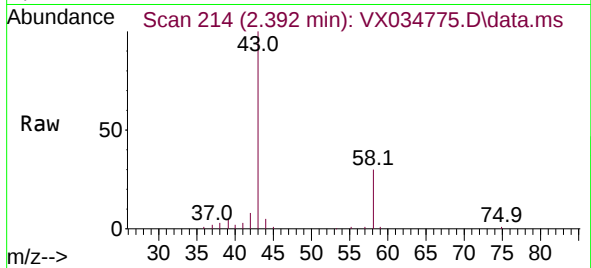
#15
Acetone
Concen: 26.286 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

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

Tgt Ion: 58 Resp: 1156
Ion Ratio Lower Upper
58 100
43 329.0 270.8 406.2

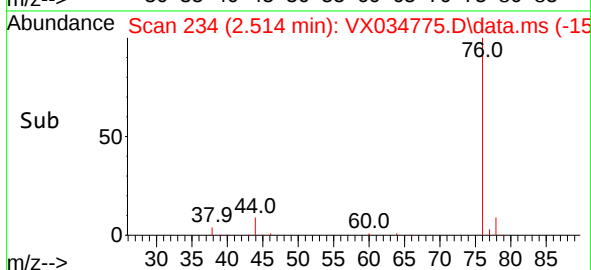
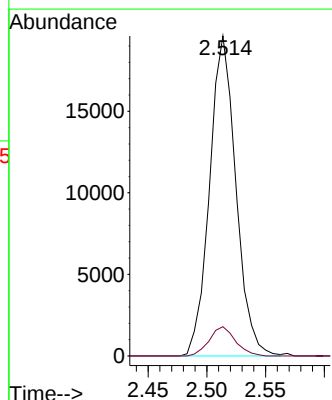
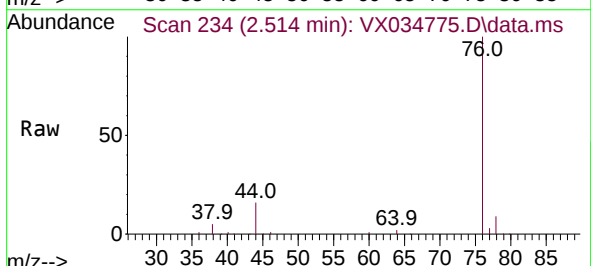
Manual Integrations
APPROVED

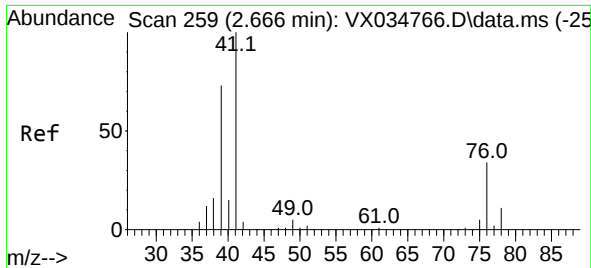
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#16
Carbon Disulfide
Concen: 4.507 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

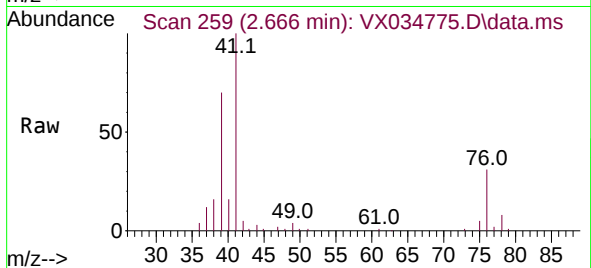
Tgt Ion: 76 Resp: 30627
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6





#17
Allyl chloride
Concen: 4.811 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

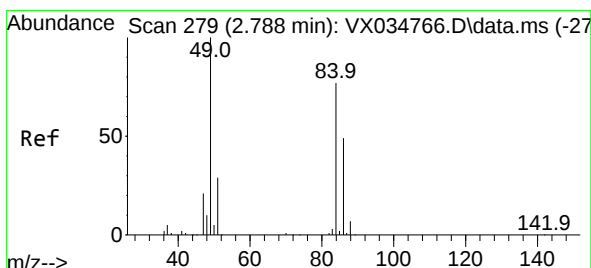
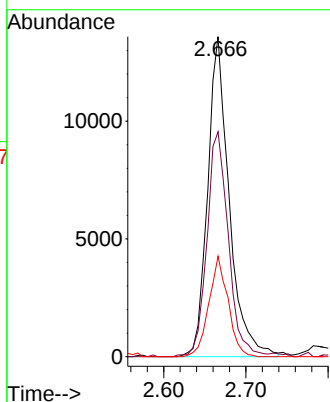
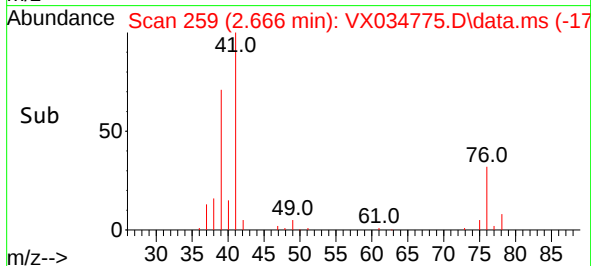
Instrument : MSVOA_X
Client Sample Id : LOQ-WATER-02-QT1-2023



Tgt Ion: 41 Resp: 2473
Ion Ratio Lower Upper
41 100
39 69.8 36.4 109.3
76 31.4 17.0 51.0

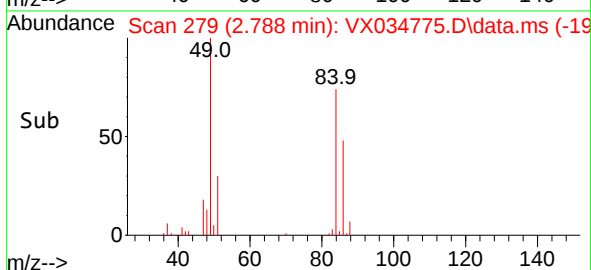
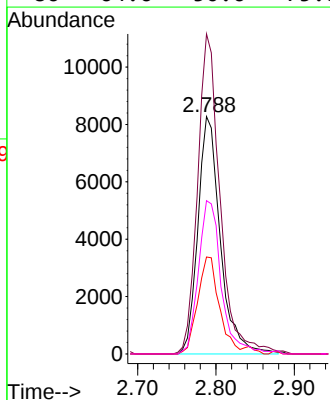
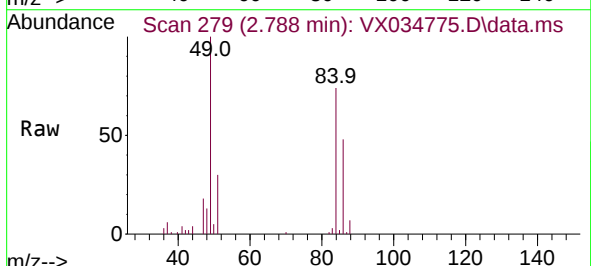
Manual Integrations
APPROVED

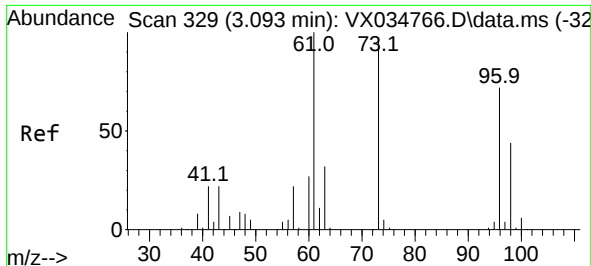
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#18
Methylene Chloride
Concen: 5.262 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

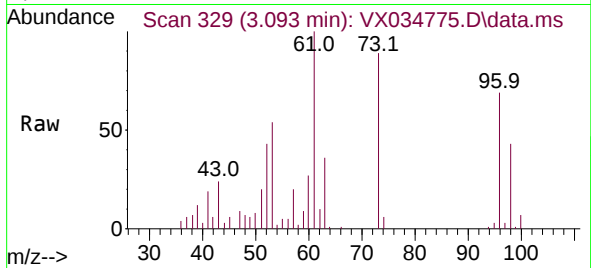
Tgt Ion: 84 Resp: 16468
Ion Ratio Lower Upper
84 100
49 134.1 103.9 155.9
51 40.8 30.6 45.8
86 64.6 50.6 75.8





#19
trans-1,2-Dichloroethene
Concen: 4.908 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

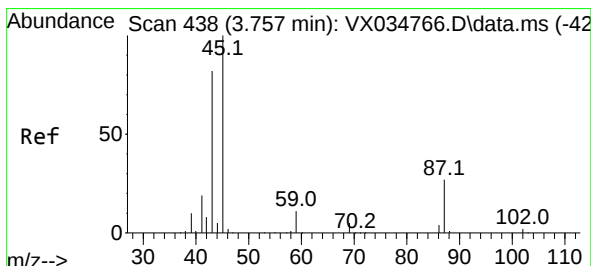
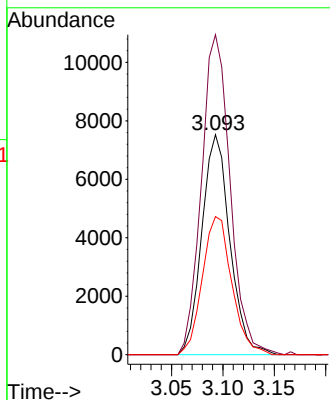
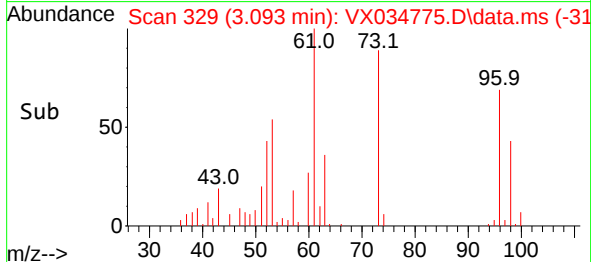
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 96 Resp: 1426
Ion Ratio Lower Upper
96 100
61 145.4 111.1 166.7
98 62.7 48.6 72.8

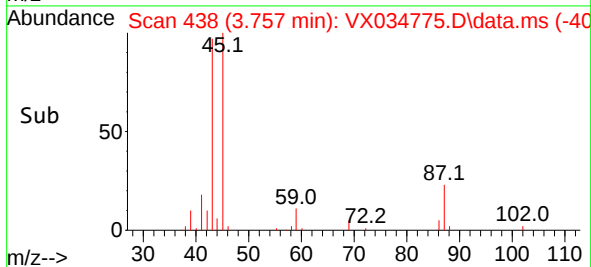
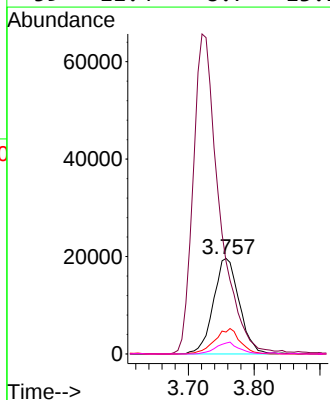
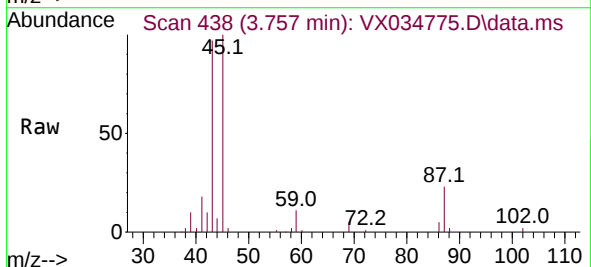
Manual Integrations
APPROVED

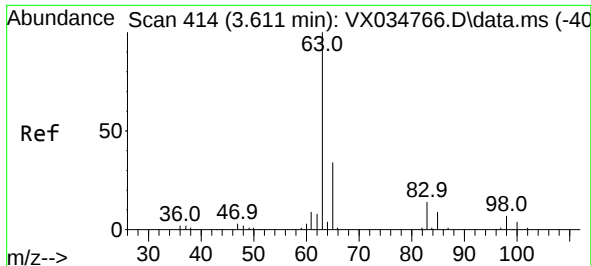
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#20
Diisopropyl ether
Concen: 5.098 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

Tgt Ion: 45 Resp: 53689
Ion Ratio Lower Upper
45 100
43 94.0 66.0 99.0
87 22.9 21.8 32.6
59 11.4 8.7 13.1





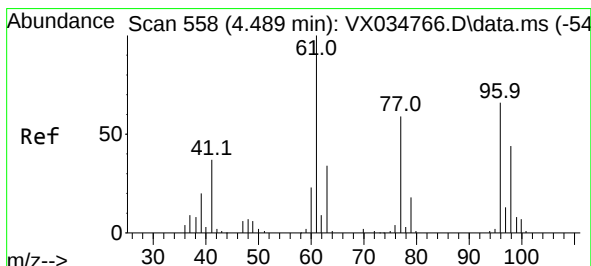
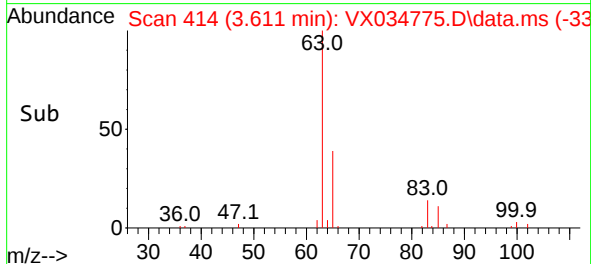
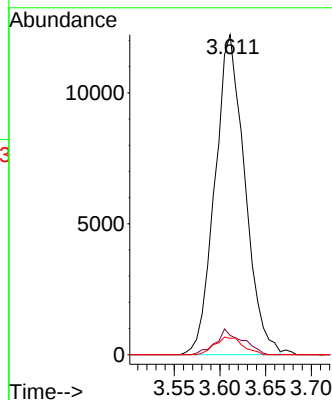
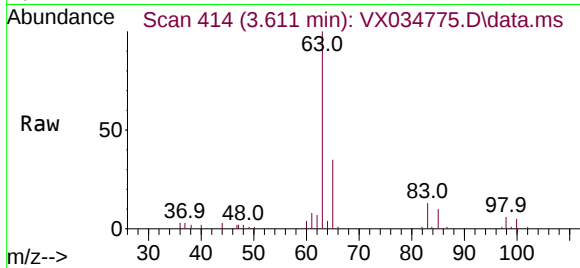
#21
1,1-Dichloroethane
Concen: 4.933 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

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

Tgt Ion: 63 Resp: 2778
Ion Ratio Lower Upper
63 100
98 6.0 3.5 10.6
100 5.1 2.2 6.6

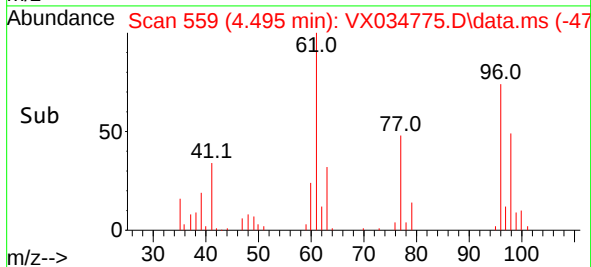
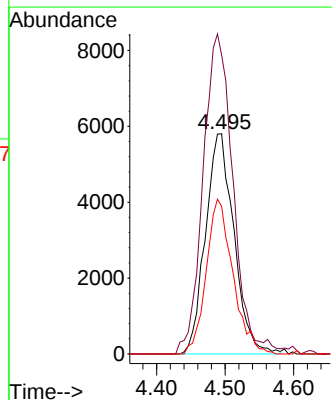
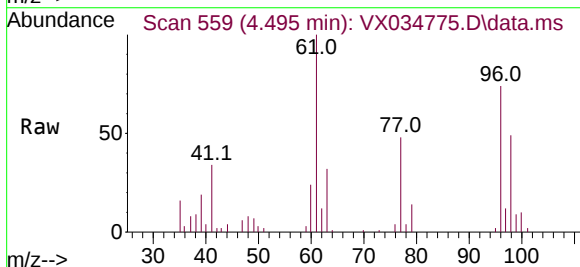
Manual Integrations
APPROVED

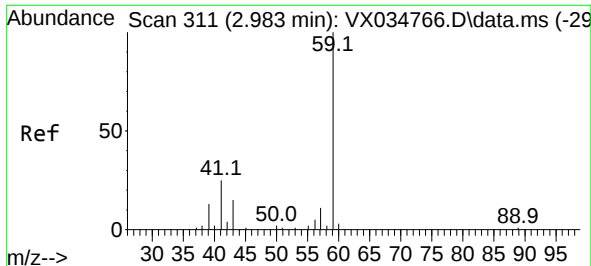
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#22
cis-1,2-Dichloroethene
Concen: 4.957 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

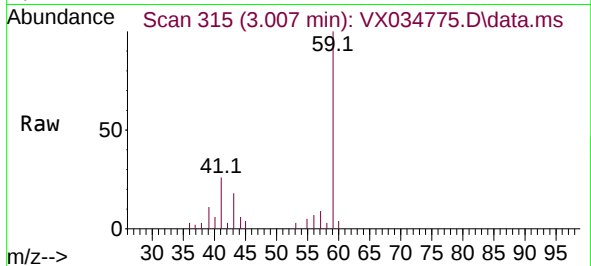
Tgt Ion: 96 Resp: 16785
Ion Ratio Lower Upper
96 100
61 150.4 121.7 182.5
98 65.7 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 27.551 ug/l m
RT: 3.007 min Scan# 311
Delta R.T. 0.024 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

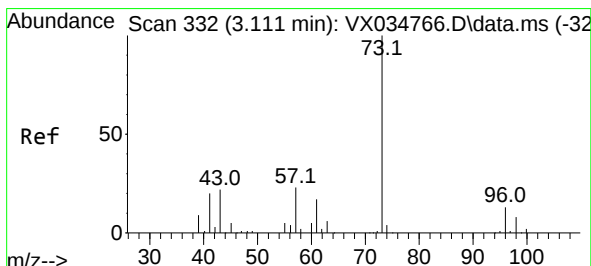
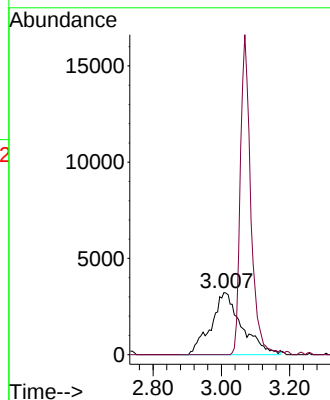
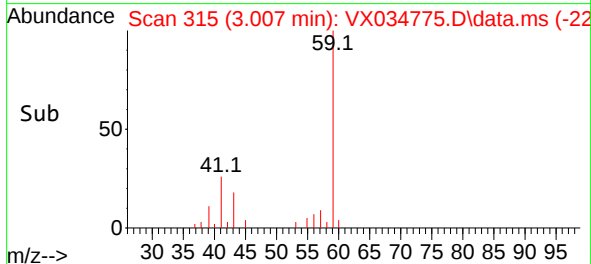
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 59 Resp: 2008
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4

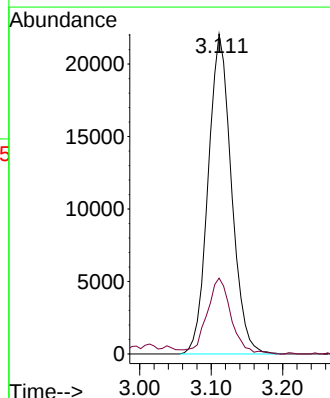
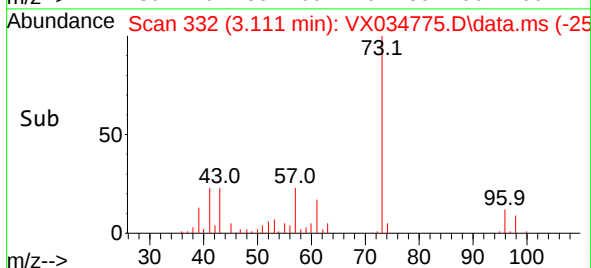
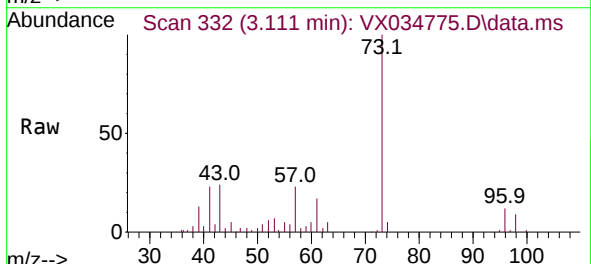
Manual Integrations
APPROVED

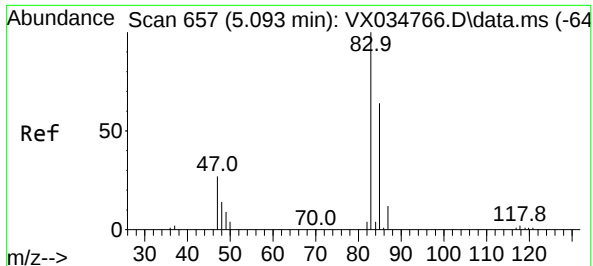
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#24
Methyl tert-Butyl Ether
Concen: 5.054 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

Tgt Ion: 73 Resp: 49895
Ion Ratio Lower Upper
73 100
43 24.2 17.9 26.9





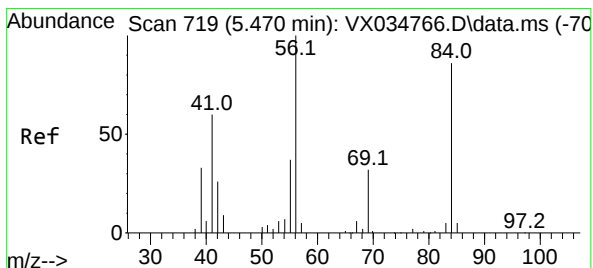
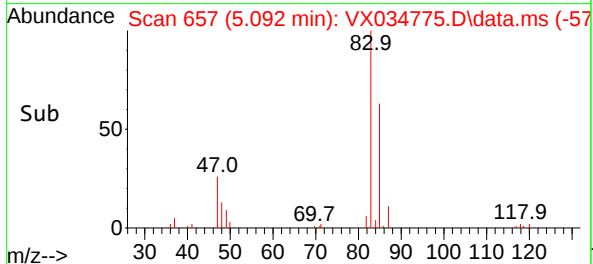
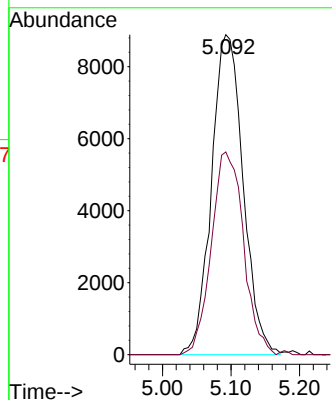
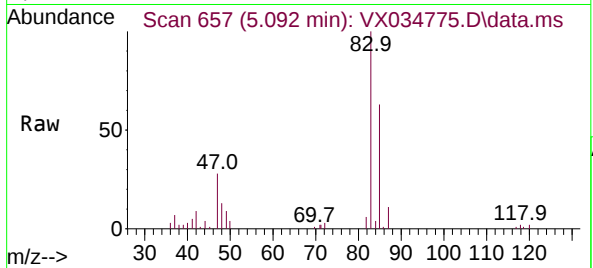
#25
Chloroform
Concen: 4.979 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

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

Tgt Ion: 83 Resp: 28519
Ion Ratio Lower Upper
83 100
85 63.4 51.2 76.8

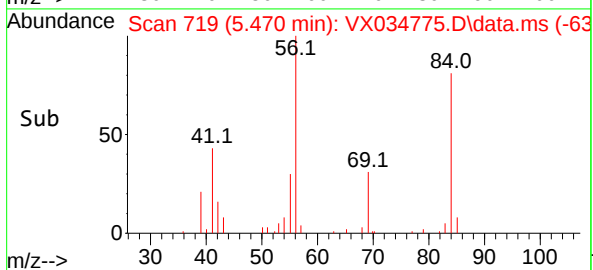
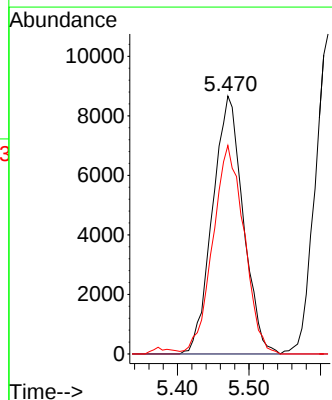
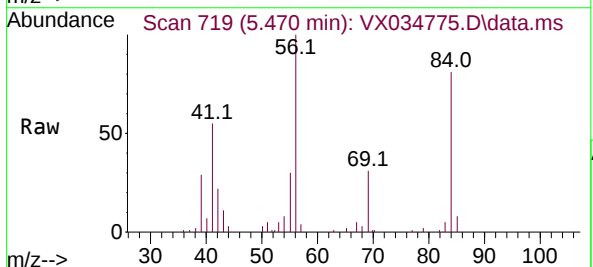
Manual Integrations
APPROVED

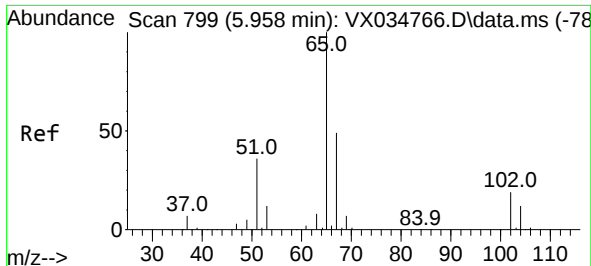
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#26
Cyclohexane
Concen: 5.229 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

Tgt Ion: 56 Resp: 25803
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 82.6 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 30.339 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 65 Resp: 7802

Ion Ratio Lower Upper

65 100

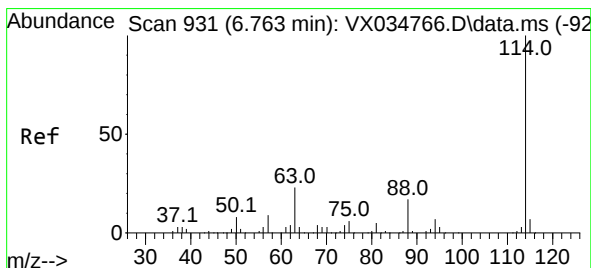
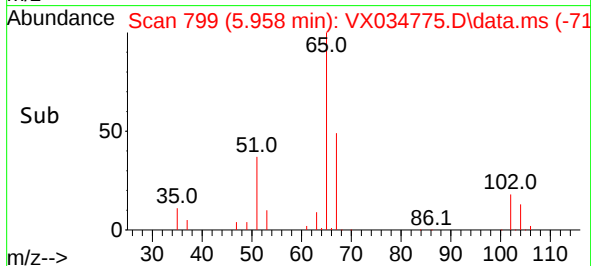
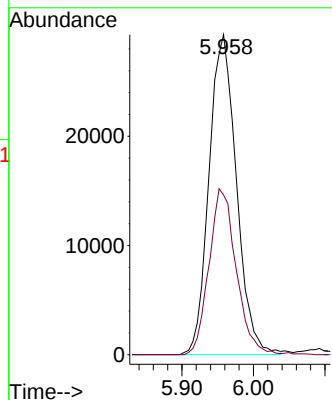
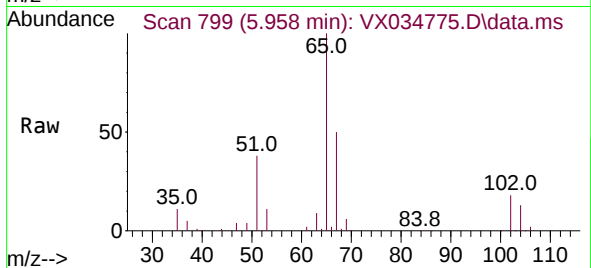
67 51.3 40.9 61.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

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: VX034775.D

Acq: 28 Mar 2023 03:11

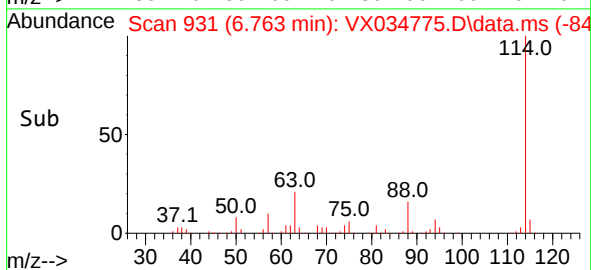
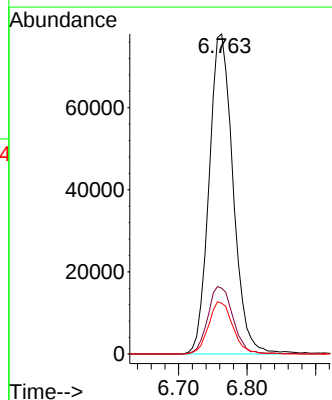
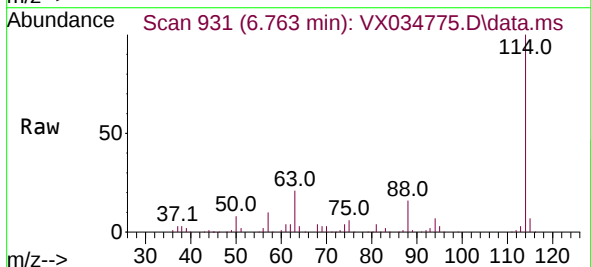
Tgt Ion:114 Resp: 189004

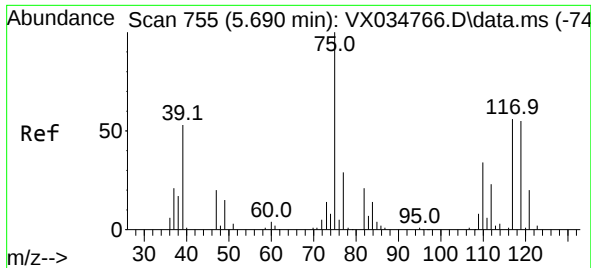
Ion Ratio Lower Upper

114 100

63 22.0 18.0 27.0

88 16.5 13.3 19.9





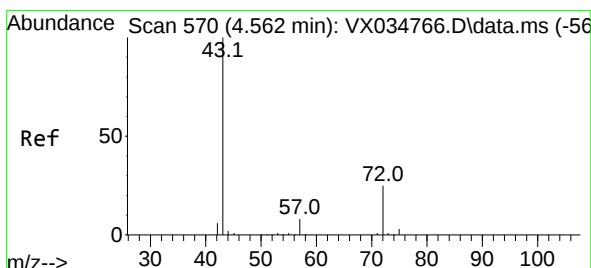
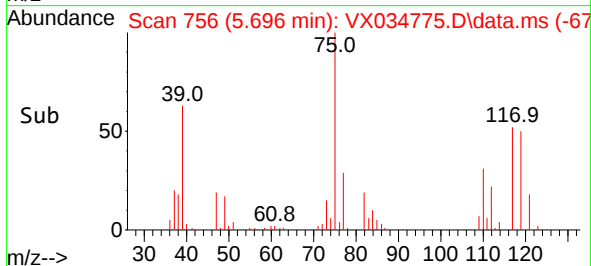
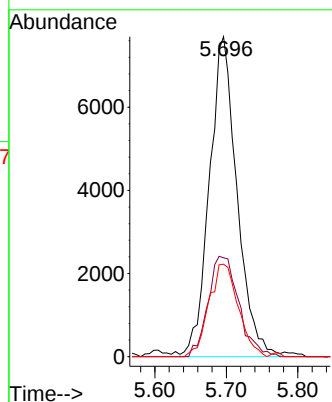
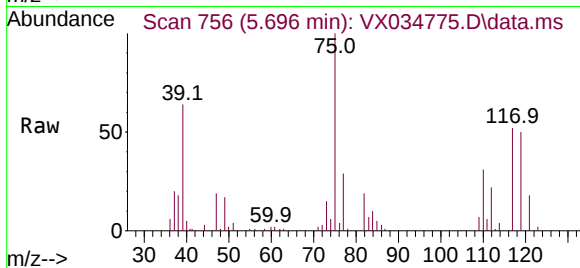
#29
1,1-Dichloropropene
Concen: 4.750 ug/l
RT: 5.696 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

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

Tgt Ion: 75	Resp: 2064
Ion Ratio	Lower Upper
75 100	
110 34.8	0.0 71.4
77 30.8	0.0 61.6

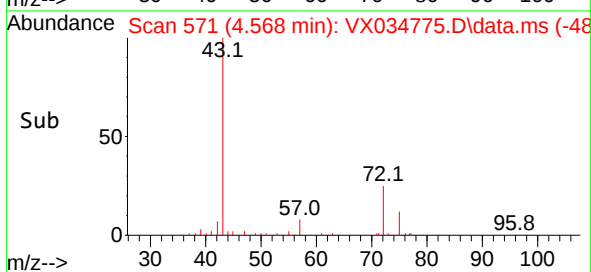
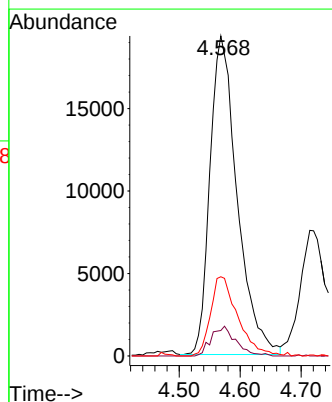
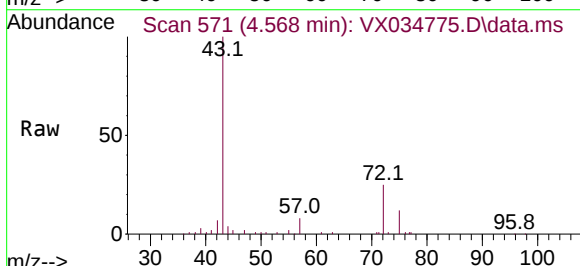
Manual Integrations
APPROVED

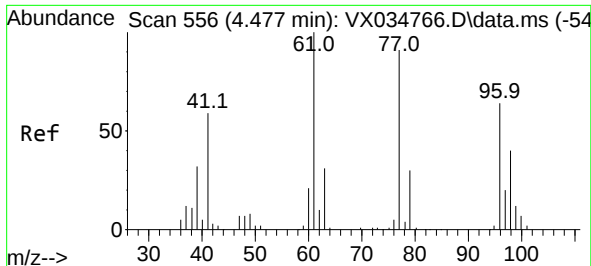
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#30
2-Butanone
Concen: 24.727 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

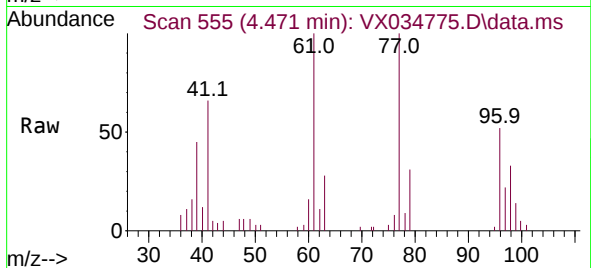
Tgt Ion: 43	Resp: 59946
Ion Ratio	Lower Upper
43 100	
57 4.8	6.3 9.5
72 24.8	19.6 29.4





#31
2,2-Dichloropropane
Concen: 4.123 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

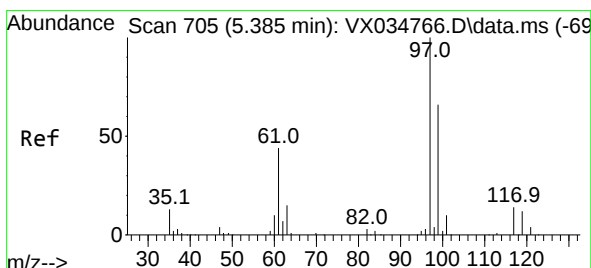
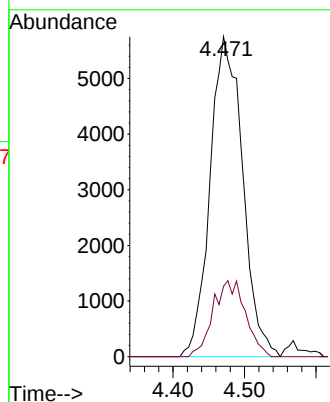
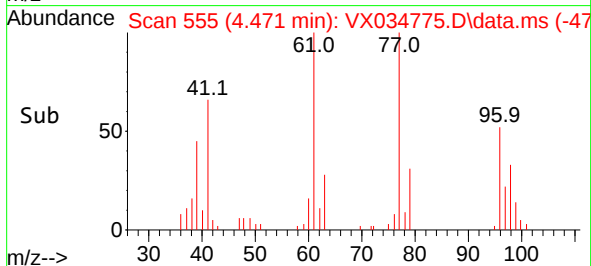
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 77 Resp: 1817
Ion Ratio Lower Upper
77 100
97 14.6 18.2 27.4

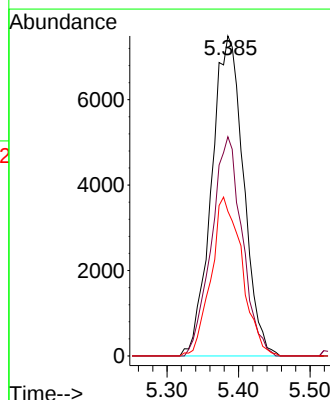
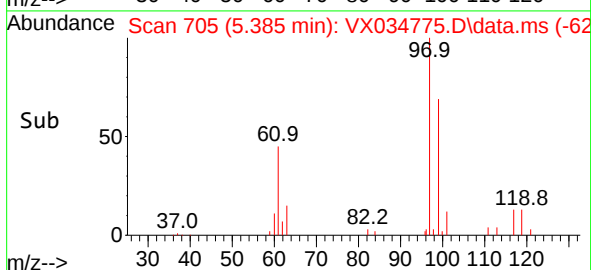
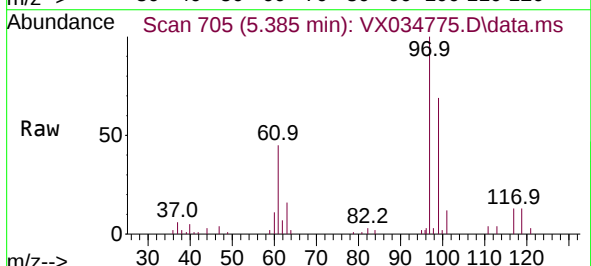
Manual Integrations
APPROVED

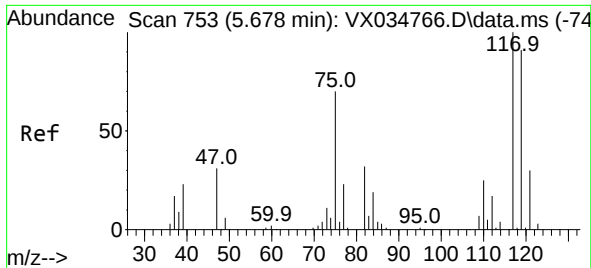
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#32
1,1,1-Trichloroethane
Concen: 4.559 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

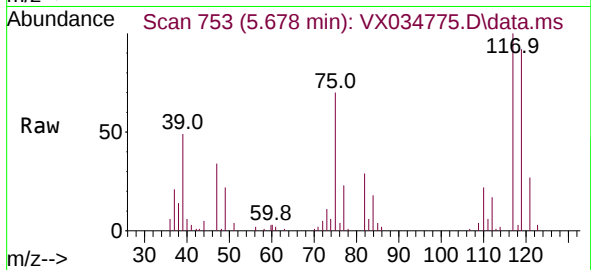
Tgt Ion: 97 Resp: 23250
Ion Ratio Lower Upper
97 100
99 65.8 51.3 76.9
61 48.1 36.6 55.0





#33
Carbon Tetrachloride
Concen: 4.478 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

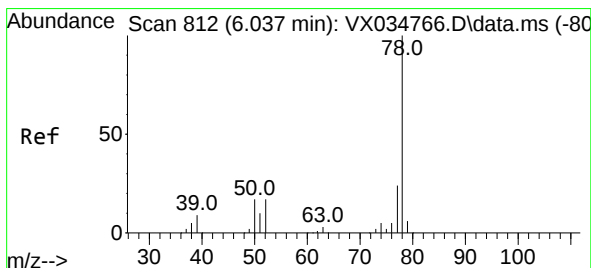
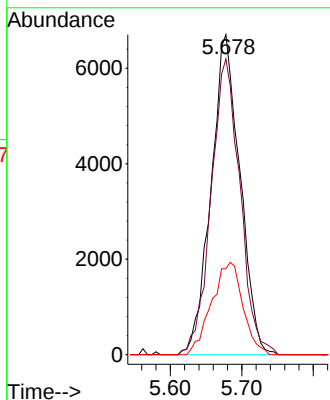
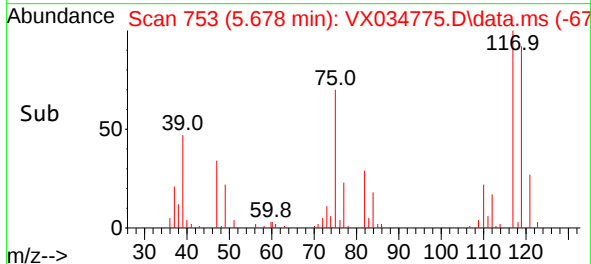
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion: 117 Resp: 18840
Ion Ratio Lower Upper
117 100
119 92.3 73.3 109.9
121 26.8 24.0 36.0

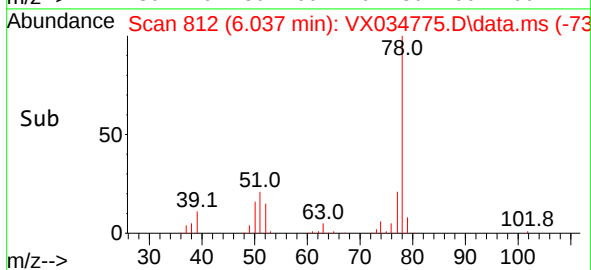
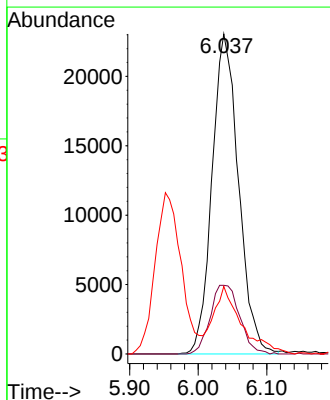
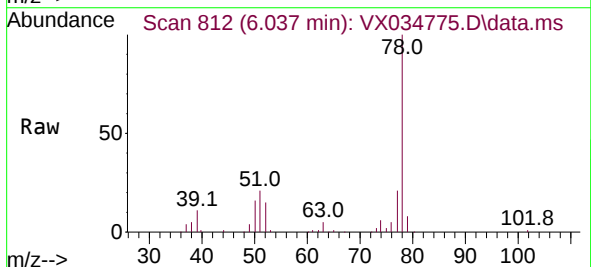
Manual Integrations
APPROVED

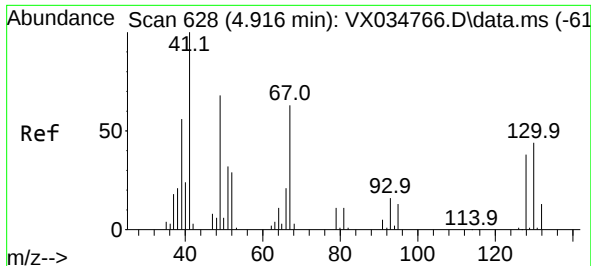
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#34
Benzene
Concen: 4.893 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

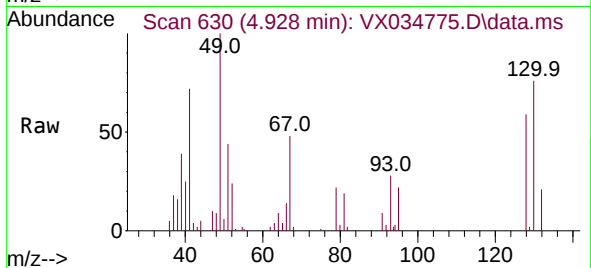
Tgt Ion: 78 Resp: 61814
Ion Ratio Lower Upper
78 100
77 21.4 19.0 28.4
51 19.4 14.6 21.8





#35
Methacrylonitrile
Concen: 4.715 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

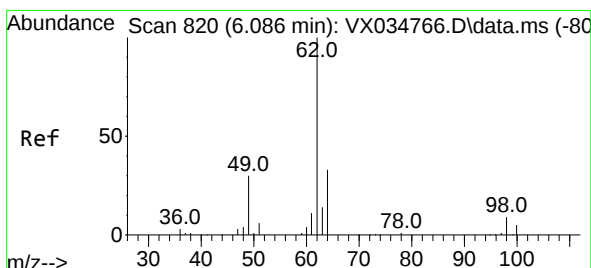
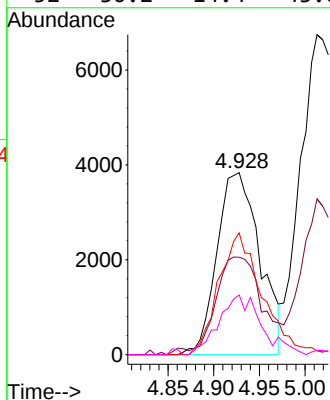
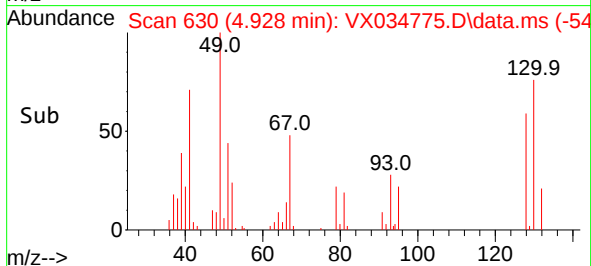
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 41	Resp: 1251
Ion Ratio	Lower Upper
41	100
39	49.9 28.0 84.0
67	66.9 31.6 94.7
52	30.2 14.4 43.0

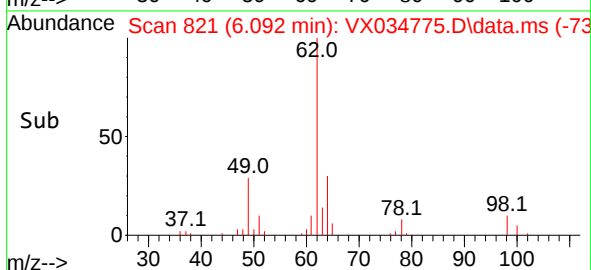
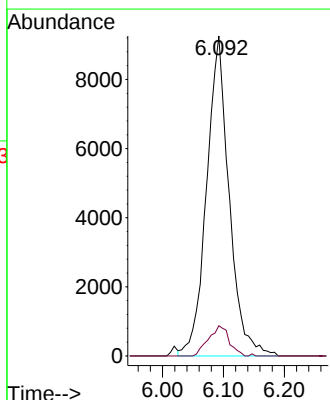
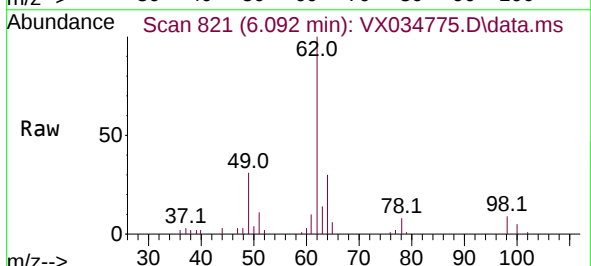
Manual Integrations
APPROVED

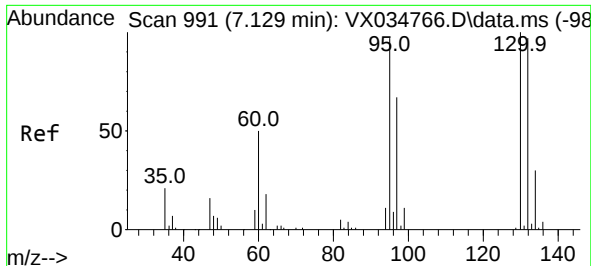
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#36
1,2-Dichloroethane
Concen: 4.811 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

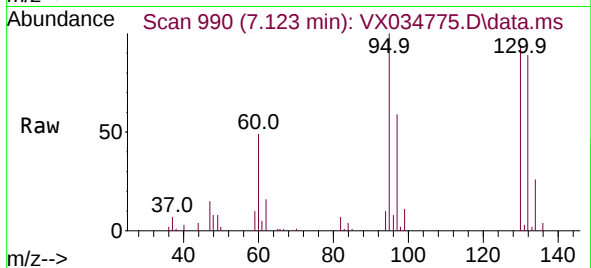
Tgt Ion: 62	Resp: 23827
Ion Ratio	Lower Upper
62	100
98	8.6 7.0 10.6





#37
Trichloroethene
Concen: 4.738 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

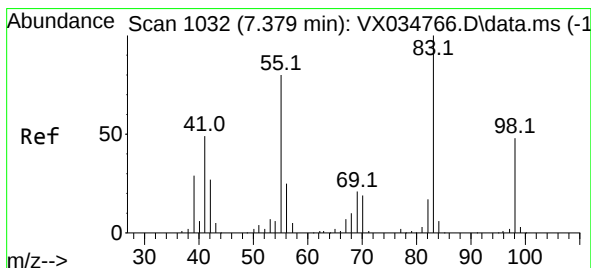
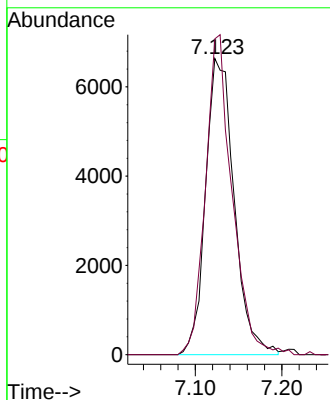
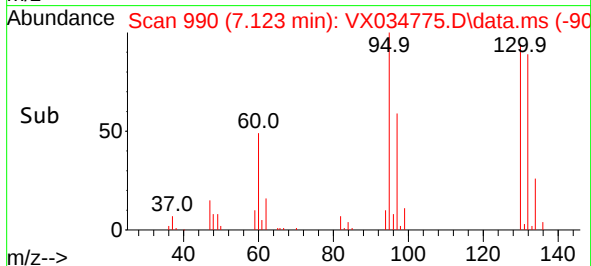
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023



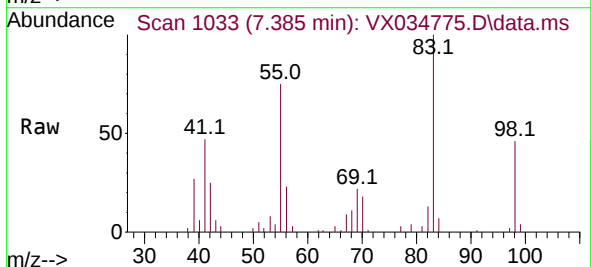
Tgt Ion:130 Resp: 1523
Ion Ratio Lower Upper
130 100
95 106.6 77.8 116.6

Manual Integrations
APPROVED

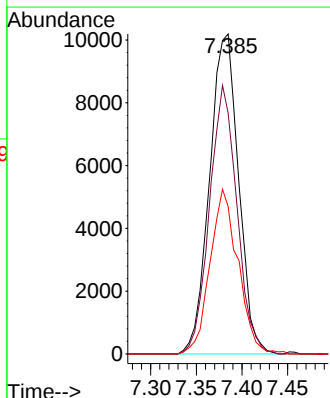
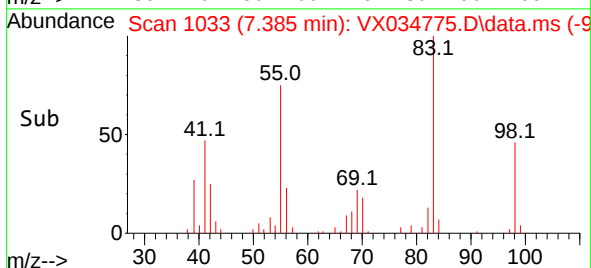
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

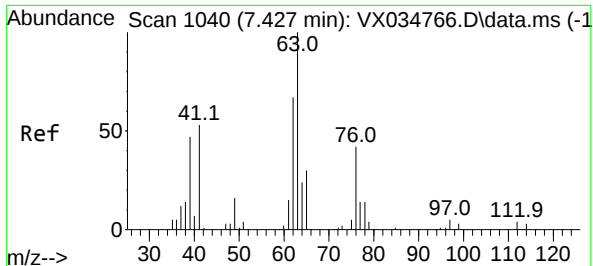


#38
Methylcyclohexane
Concen: 4.739 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11



Tgt Ion: 83 Resp: 22509
Ion Ratio Lower Upper
83 100
55 79.3 38.8 116.4
98 49.4 23.8 71.2





#39

1,2-Dichloropropane

Concen: 4.663 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 63 Resp: 1531

Ion Ratio Lower Upper

63 100

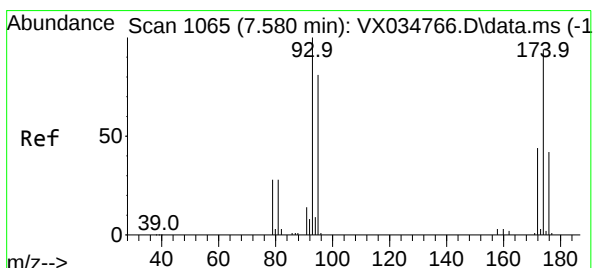
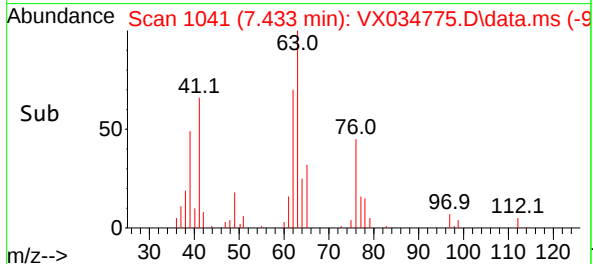
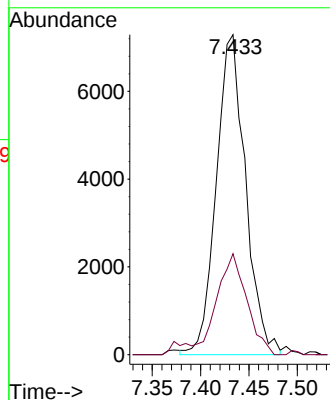
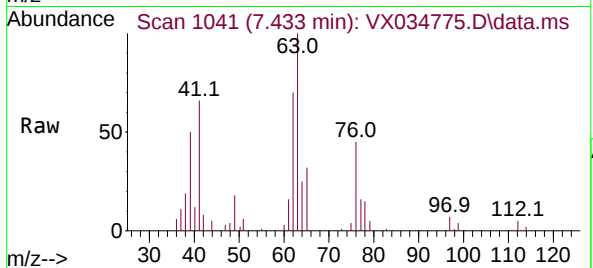
65 32.0 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#40

Dibromomethane

Concen: 4.647 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

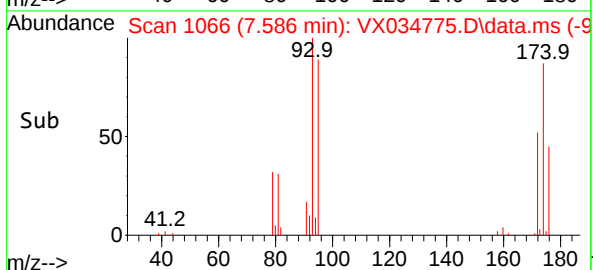
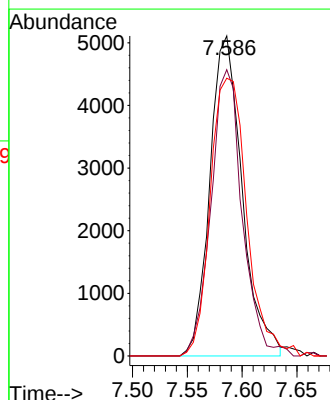
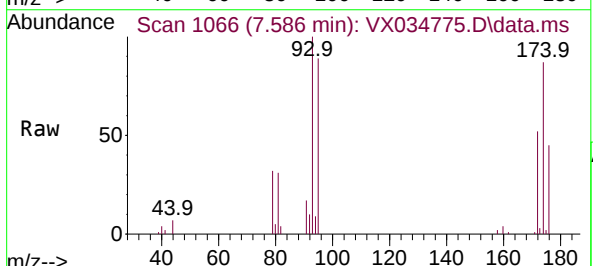
Tgt Ion: 93 Resp: 10482

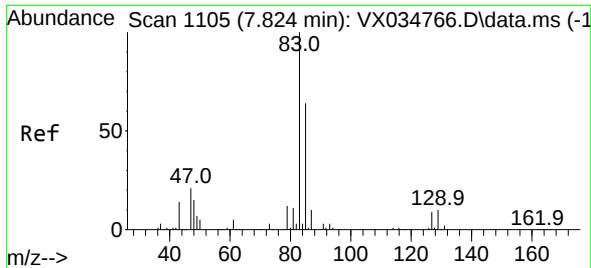
Ion Ratio Lower Upper

93 100

95 85.7 0.0 165.8

174 97.2 0.0 188.8





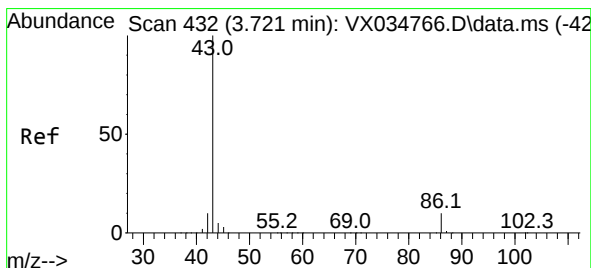
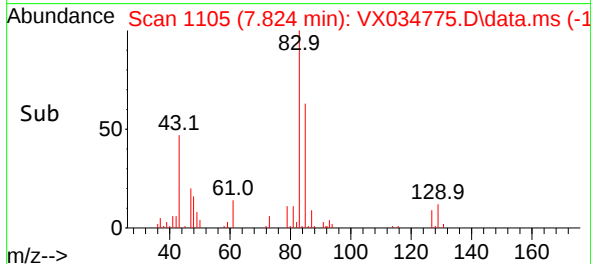
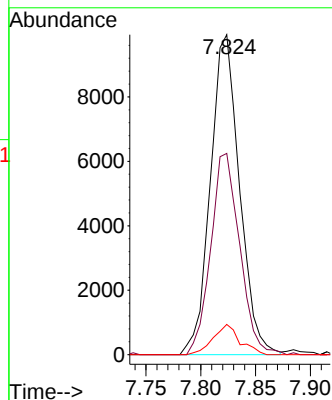
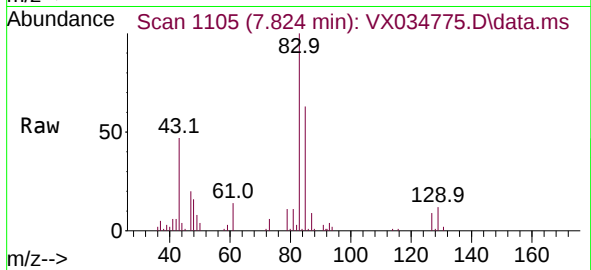
#41
Bromodichloromethane
Concen: 4.321 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

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

Tgt Ion: 83 Resp: 18358
Ion Ratio Lower Upper
83 100
85 62.9 51.1 76.7
127 9.5 8.2 12.4

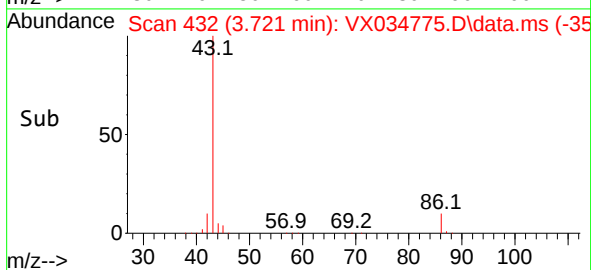
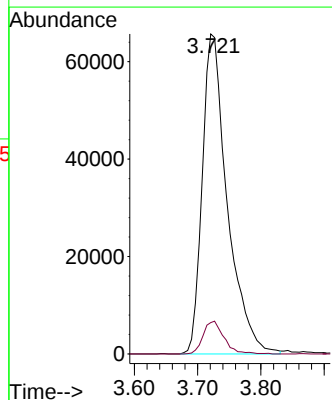
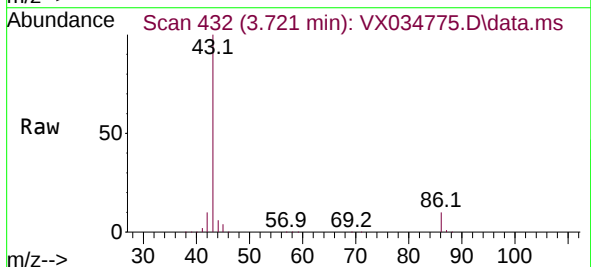
Manual Integrations
APPROVED

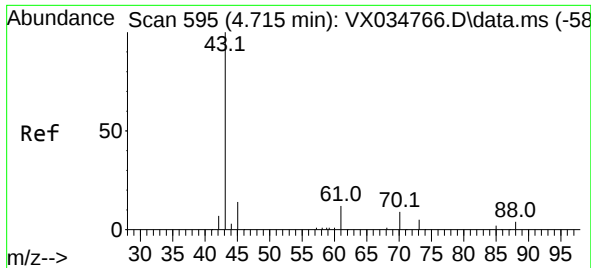
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#42
Vinyl Acetate
Concen: 22.924 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

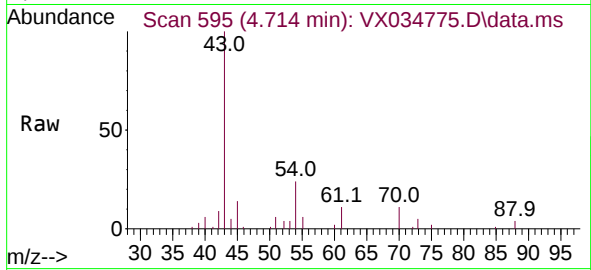
Tgt Ion: 43 Resp: 181302
Ion Ratio Lower Upper
43 100
86 8.5 6.9 10.3





#43
Ethyl Acetate
Concen: 5.157 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

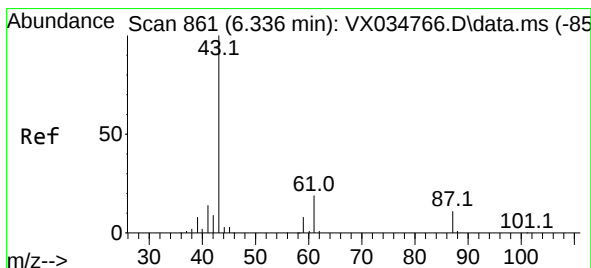
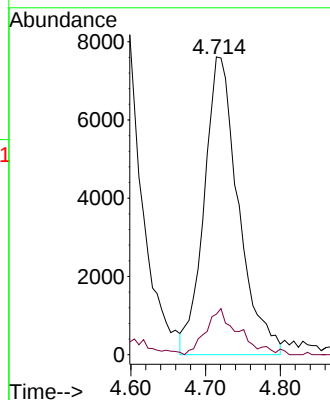
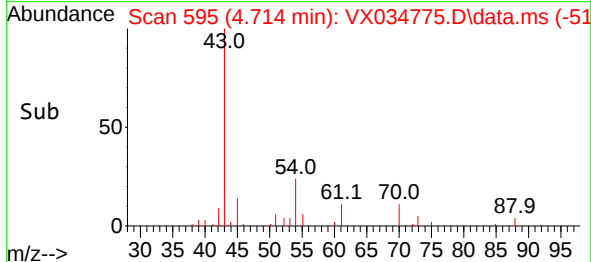
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 43 Resp: 24249
Ion Ratio Lower Upper
43 100
45 11.6 12.0 18.0

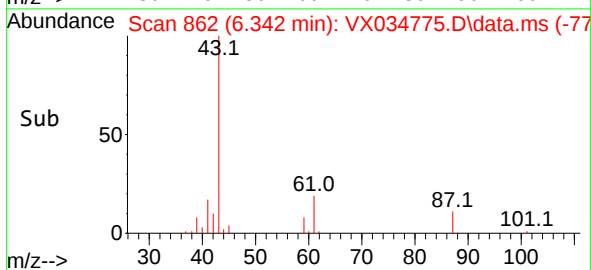
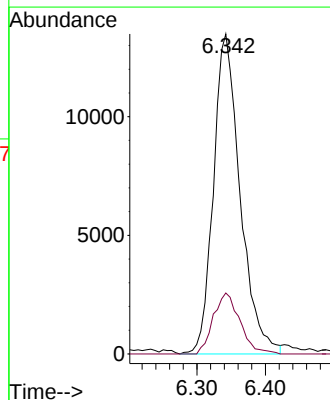
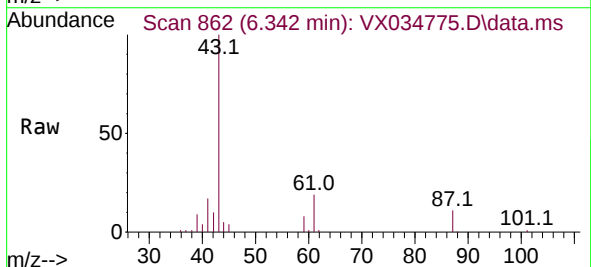
Manual Integrations
APPROVED

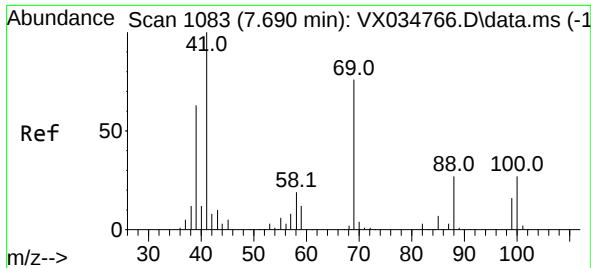
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#44
Isopropyl Acetate
Concen: 4.580 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

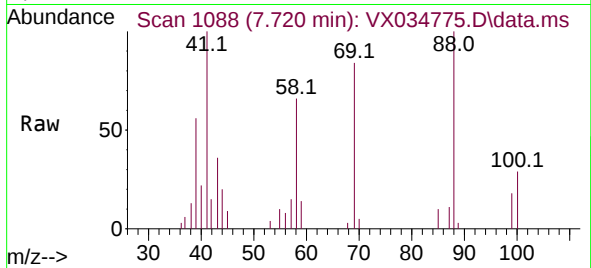
Tgt Ion: 43 Resp: 36457
Ion Ratio Lower Upper
43 100
61 19.0 15.4 23.0





#45
1,4-Dioxane
Concen: 106.245 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.030 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

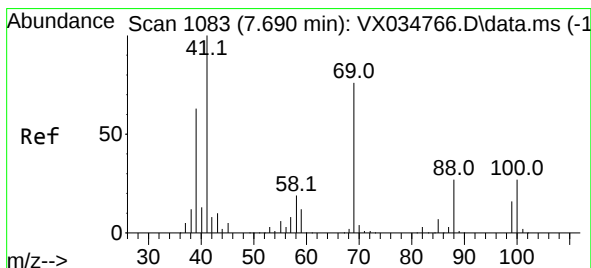
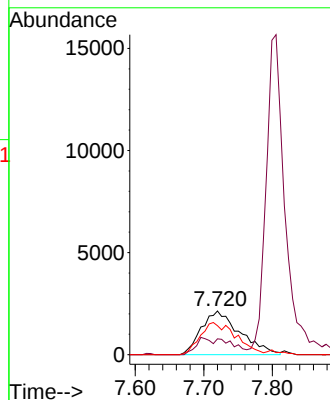
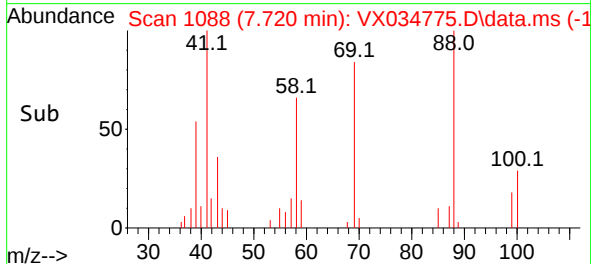
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion: 88 Resp: 8378
Ion Ratio Lower Upper
88 100
43 11.6 26.5 39.7
58 40.1 55.6 83.4

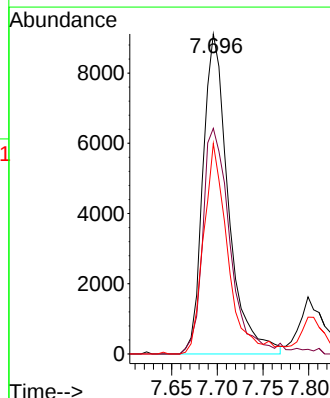
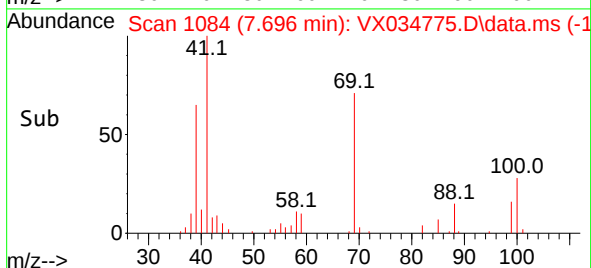
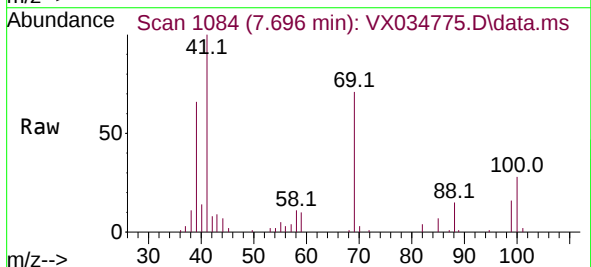
Manual Integrations
APPROVED

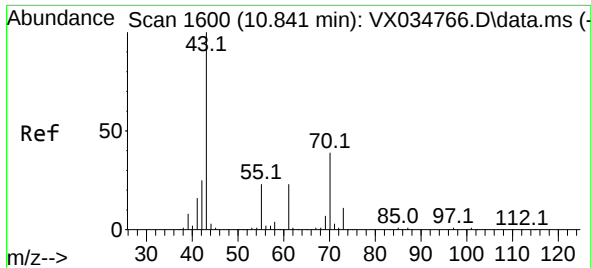
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#46
Methyl methacrylate
Concen: 4.549 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

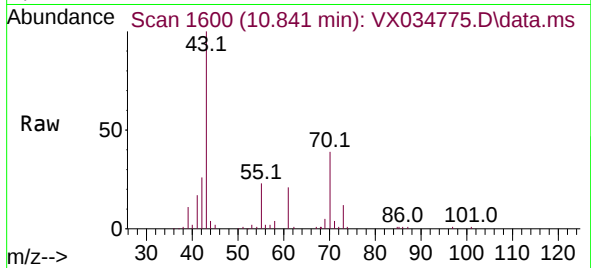
Tgt Ion: 41 Resp: 17643
Ion Ratio Lower Upper
41 100
69 70.5 38.1 114.5
39 65.7 31.4 94.3





#47
n-amyl acetate
Concen: 3.837 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

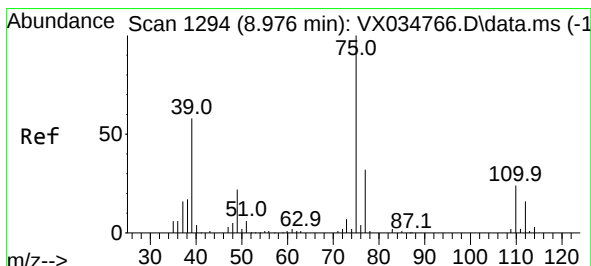
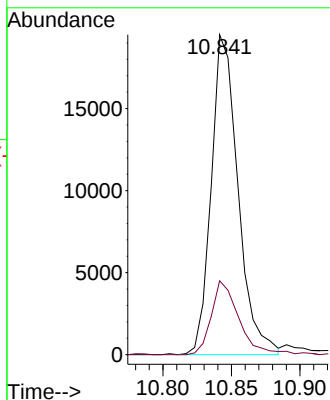
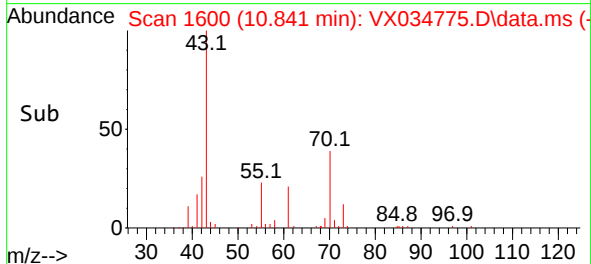
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion: 43 Resp: 26548
Ion Ratio Lower Upper
43 100
55 23.3 18.6 28.0

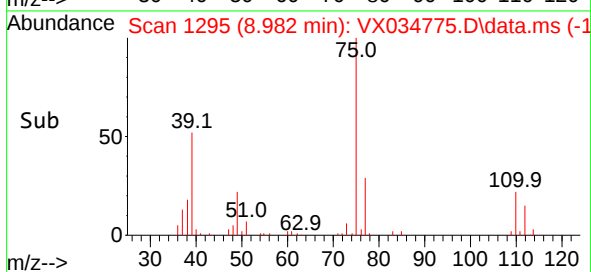
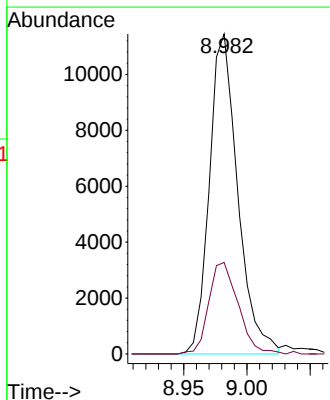
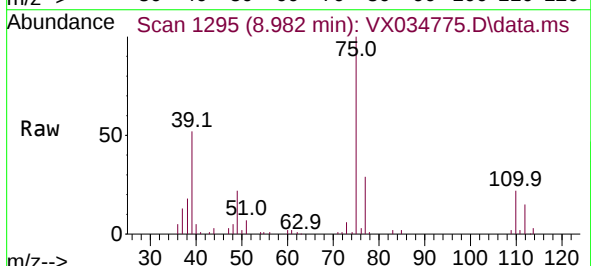
Manual Integrations
APPROVED

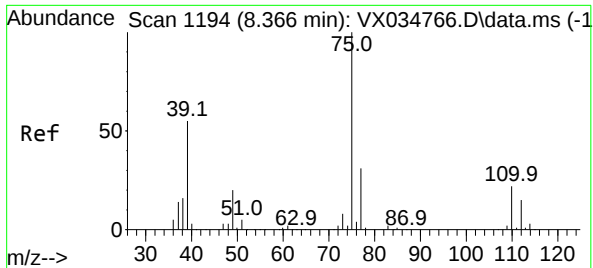
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#48
t-1,3-Dichloropropene
Concen: 3.854 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

Tgt Ion: 75 Resp: 17841
Ion Ratio Lower Upper
75 100
77 28.6 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 4.043 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

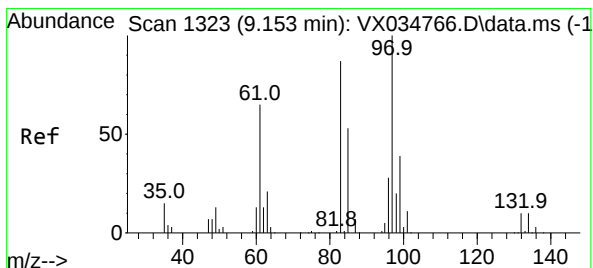
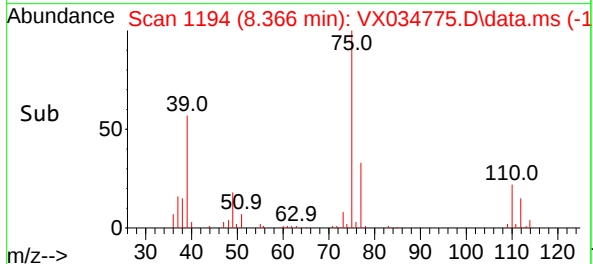
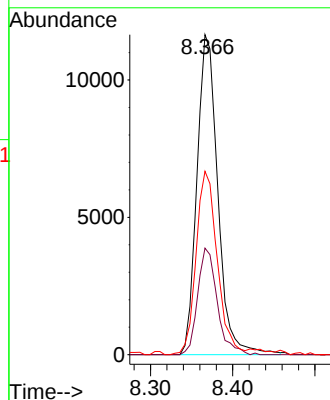
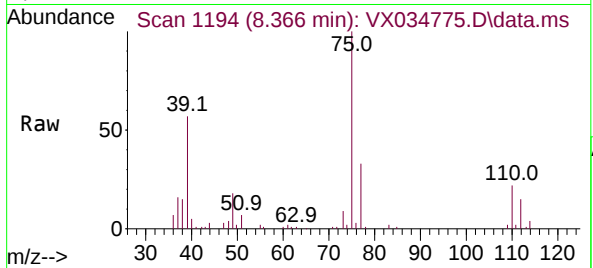
Tgt Ion: 75	Resp: 2056
Ion Ratio	Lower Upper
75 100	
77 33.3	24.6 37.0
39 56.6	44.2 66.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#50

1,1,2-Trichloroethane

Concen: 4.885 ug/l

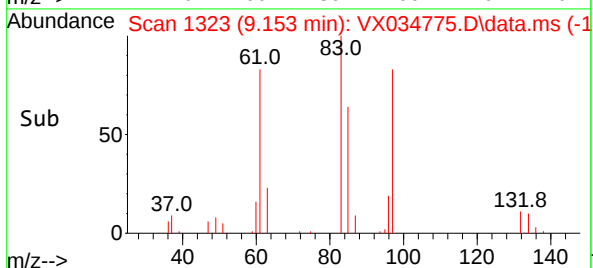
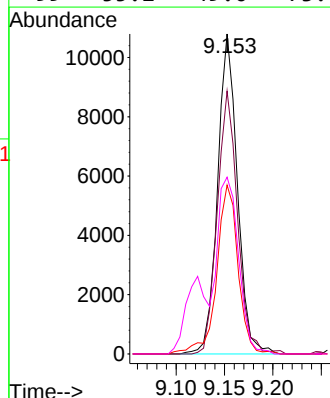
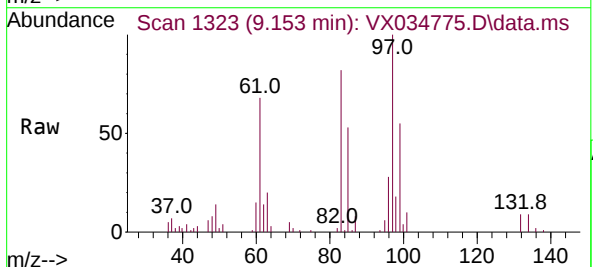
RT: 9.153 min Scan# 1323

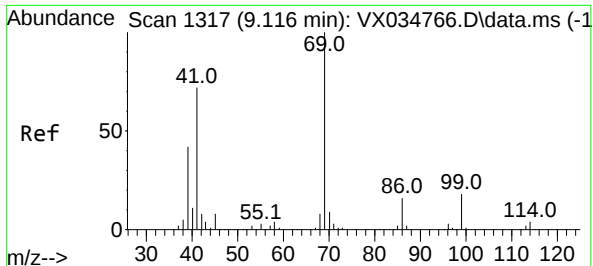
Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Tgt Ion: 97	Resp: 15351
Ion Ratio	Lower Upper
97 100	
83 82.2	68.9 103.3
85 52.8	44.0 66.0
99 55.2	49.0 73.4





#51

Ethyl methacrylate

Concen: 4.436 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA_X

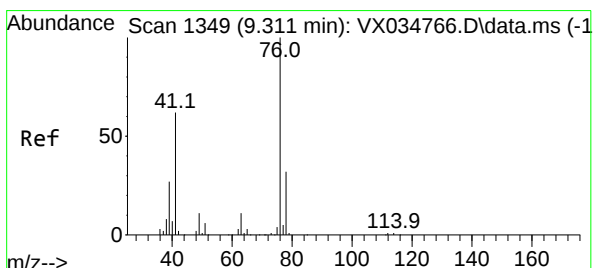
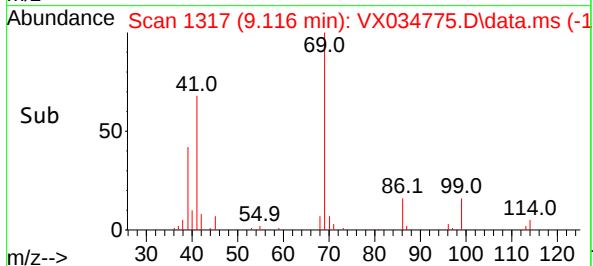
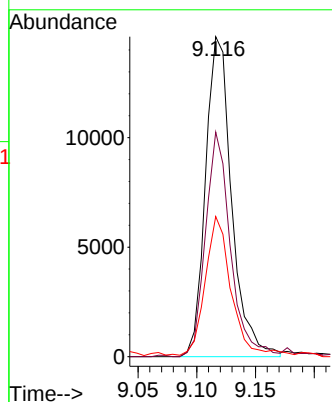
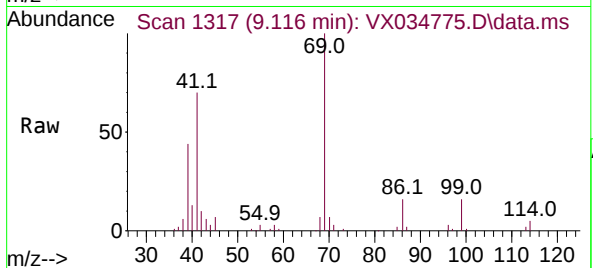
ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 69 Resp: 22624
 Ion Ratio Lower Upper
 69 100
 41 70.2 36.2 108.6
 39 43.3 21.2 63.6

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023



#52

1,3-Dichloropropane

Concen: 4.870 ug/l

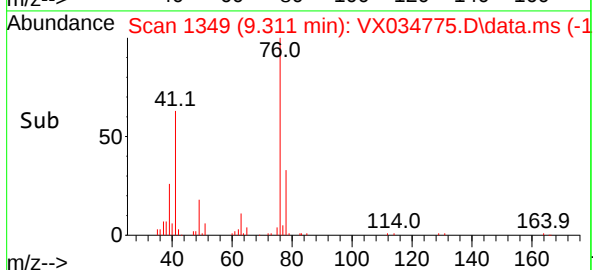
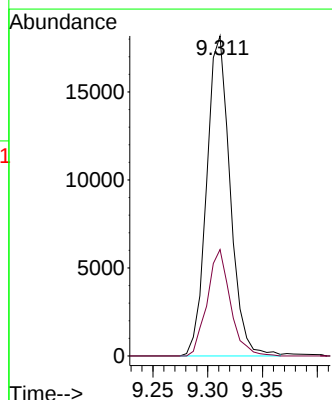
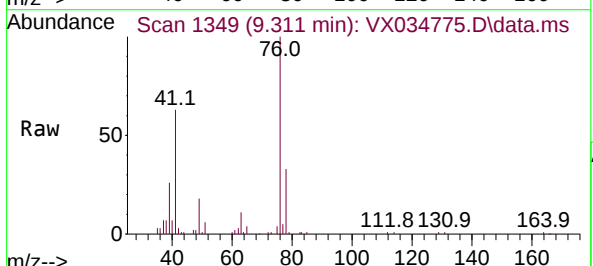
RT: 9.311 min Scan# 1349

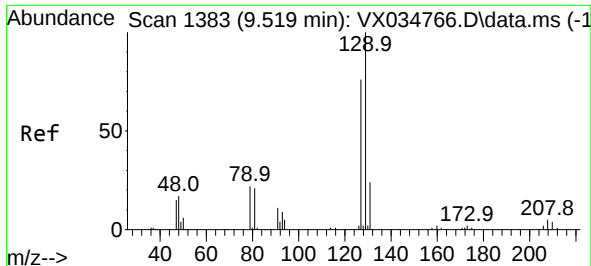
Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

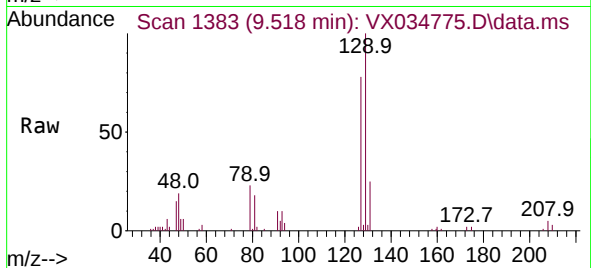
Tgt Ion: 76 Resp: 27034
 Ion Ratio Lower Upper
 76 100
 78 32.8 0.0 63.8





#53
Dibromochloromethane
Concen: 3.935 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

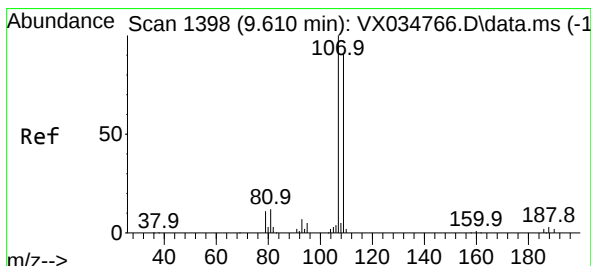
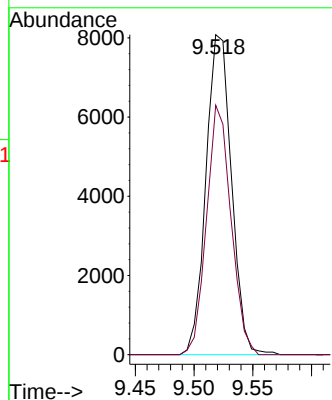
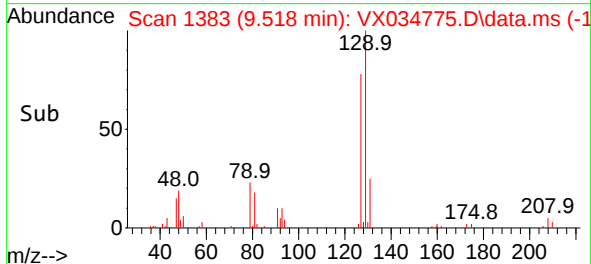
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:129 Resp: 1223
Ion Ratio Lower Upper
129 100
127 74.7 39.1 117.5

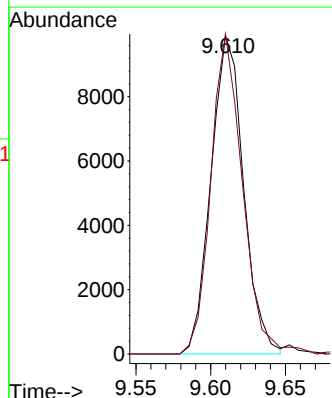
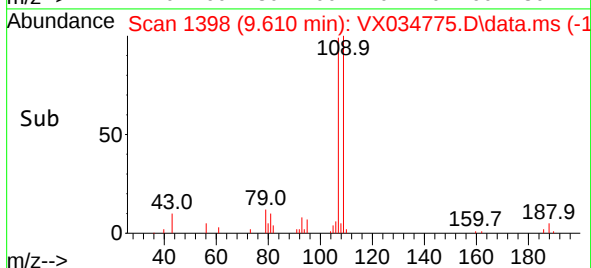
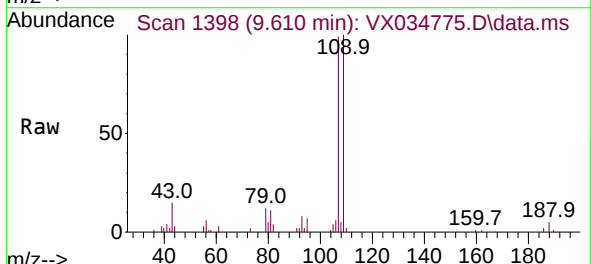
Manual Integrations
APPROVED

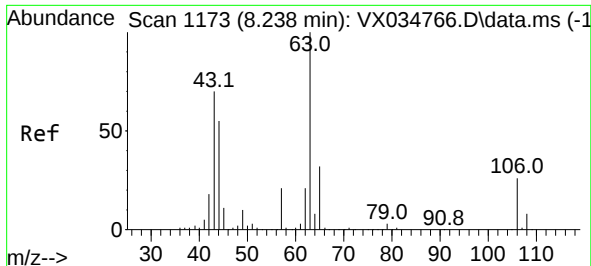
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#54
1,2-Dibromoethane
Concen: 4.459 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

Tgt Ion:107 Resp: 14988
Ion Ratio Lower Upper
107 100
109 96.4 75.4 113.2





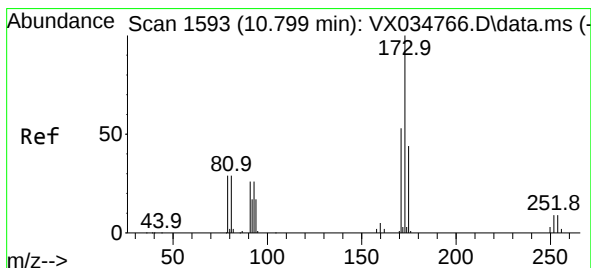
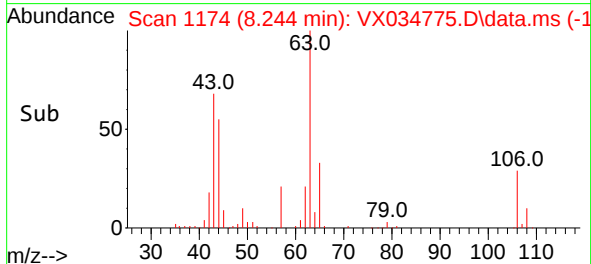
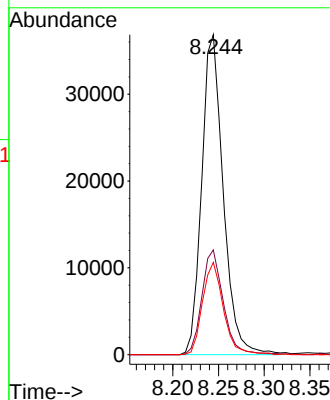
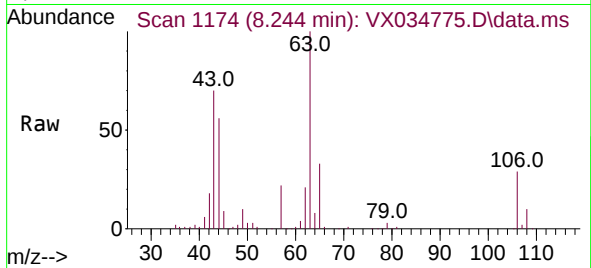
#55
2-Chloroethyl vinyl ether
Concen: 22.506 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

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

Tgt Ion: 63 Resp: 60409
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.2
106 27.8 21.6 32.4

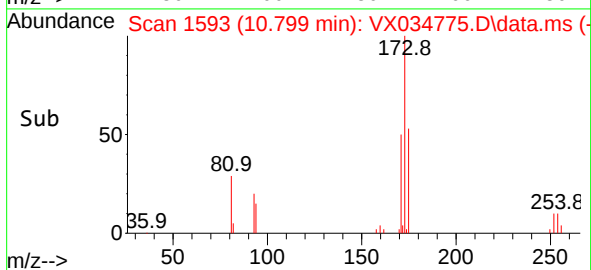
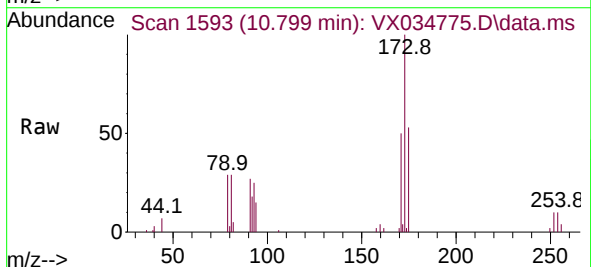
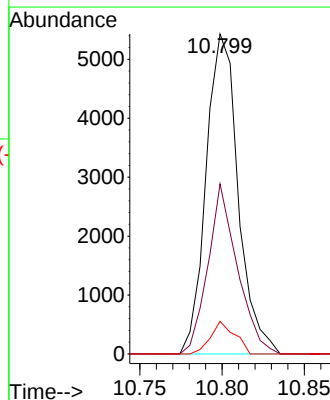
Manual Integrations
APPROVED

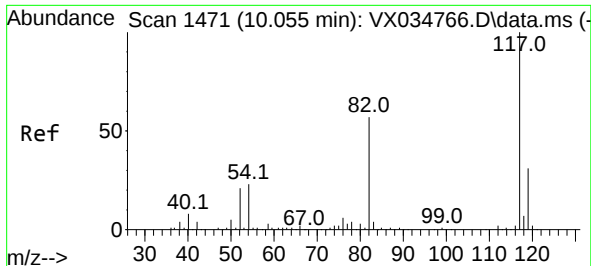
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#56
Bromoform
Concen: 3.435 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

Tgt Ion:173 Resp: 7362
Ion Ratio Lower Upper
173 100
175 48.7 37.0 55.4
254 7.7 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: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 117 Resp: 200920

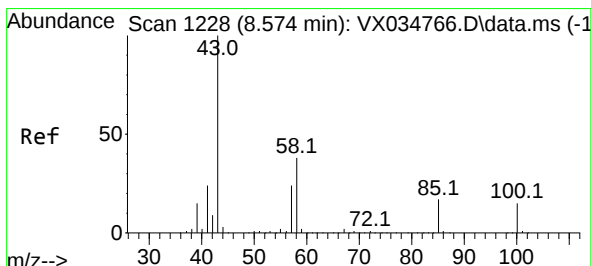
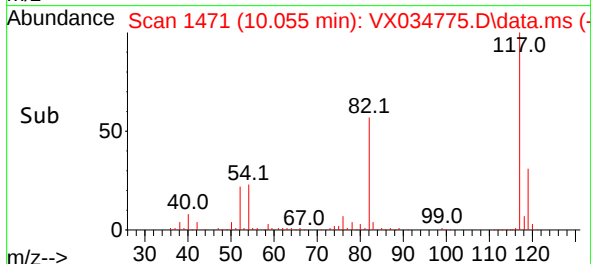
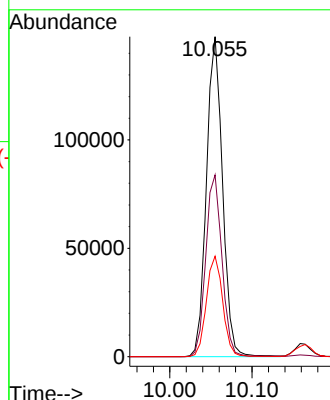
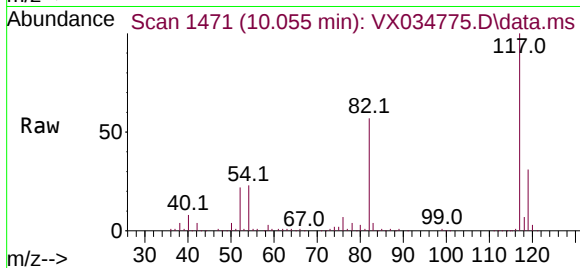
Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.8	68.8
119	31.8	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#58

4-Methyl-2-Pentanone

Concen: 24.827 ug/l

RT: 8.573 min Scan# 1228

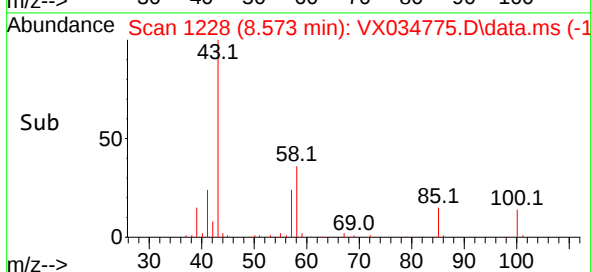
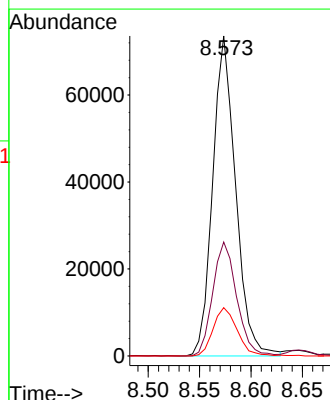
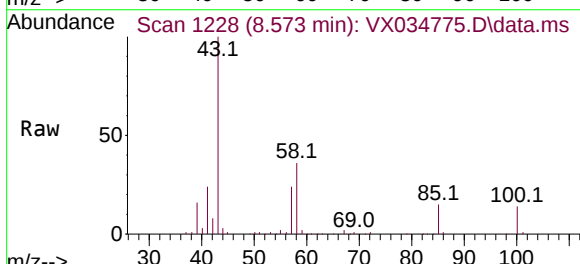
Delta R.T. -0.000 min

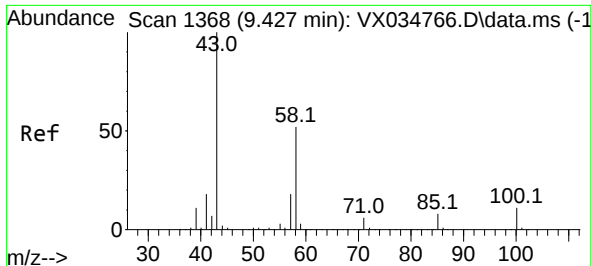
Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Tgt Ion: 43 Resp: 114368

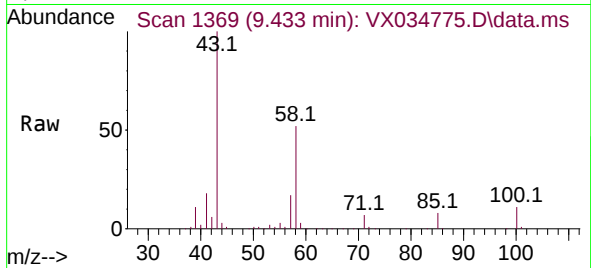
Ion	Ratio	Lower	Upper
43	100		
58	37.1	29.9	44.9
85	15.7	13.2	19.8





#59
2-Hexanone
Concen: 24.225 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

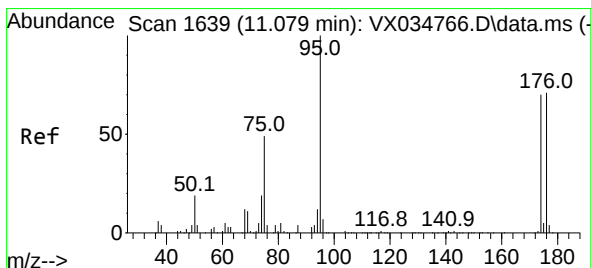
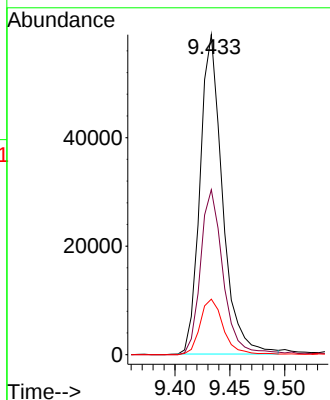
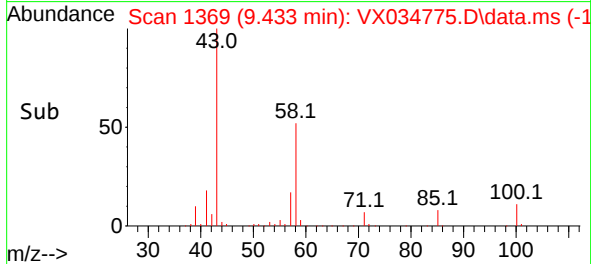
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 43 Resp: 84024
Ion Ratio Lower Upper
43 100
58 52.1 41.7 62.5
57 17.8 14.7 22.1

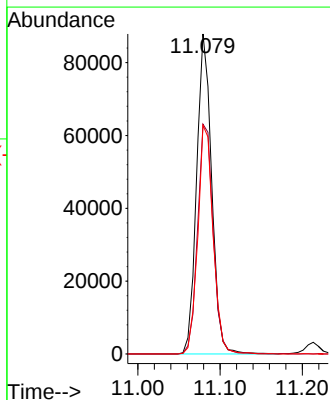
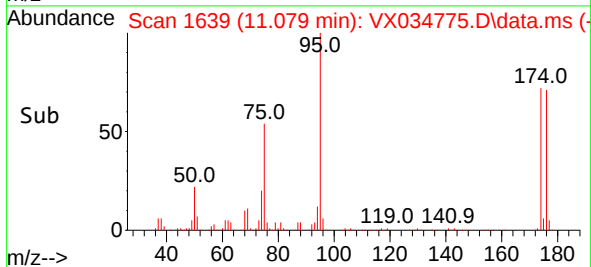
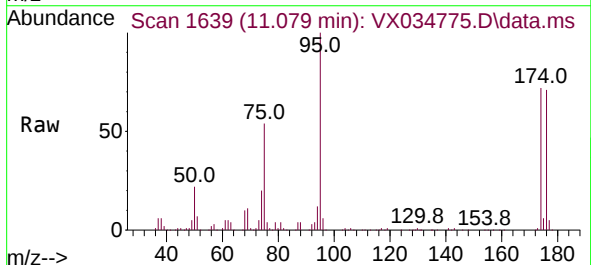
Manual Integrations
APPROVED

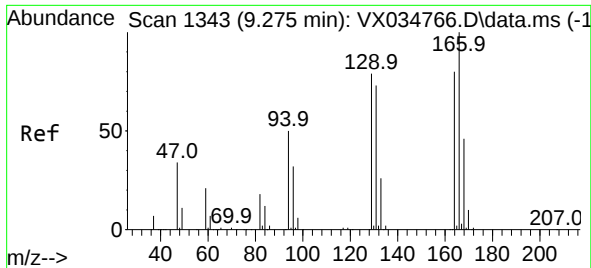
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#60
4-Bromofluorobenzene
Concen: 27.817 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

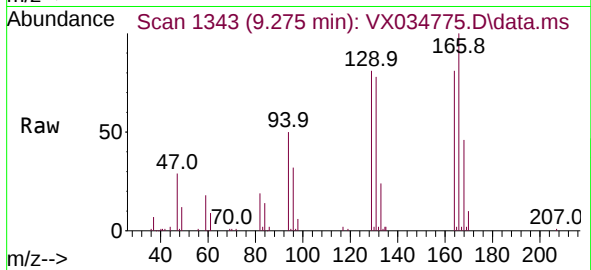
Tgt Ion: 95 Resp: 111677
Ion Ratio Lower Upper
95 100
174 74.0 0.2 0.4#
176 72.3 0.2 0.2#





#61
Tetrachloroethene
Concen: 5.171 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

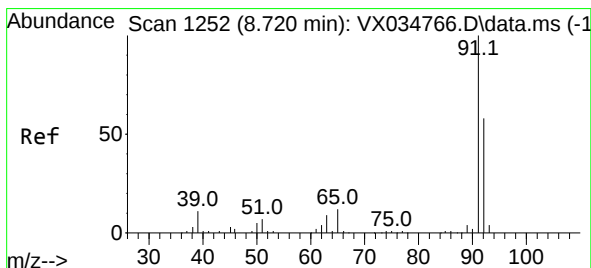
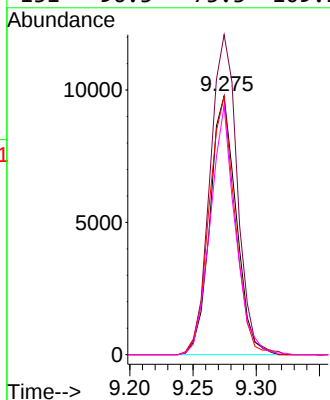
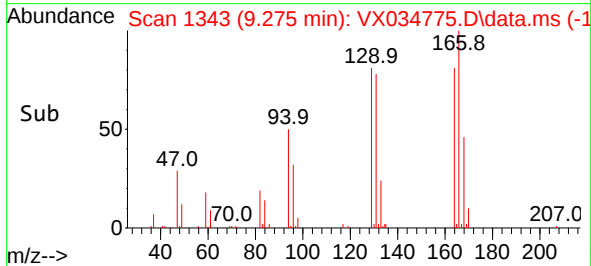
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion:164 Resp: 14000
Ion Ratio Lower Upper
164 100
166 123.7 100.1 150.1
129 99.7 79.1 118.7
131 96.3 73.3 109.9

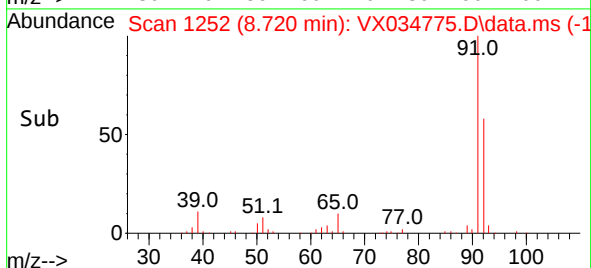
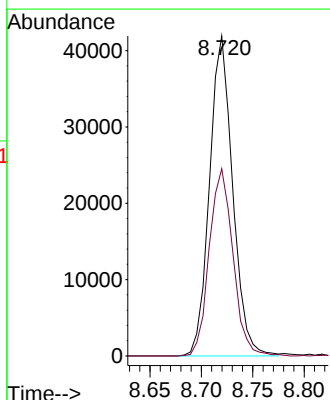
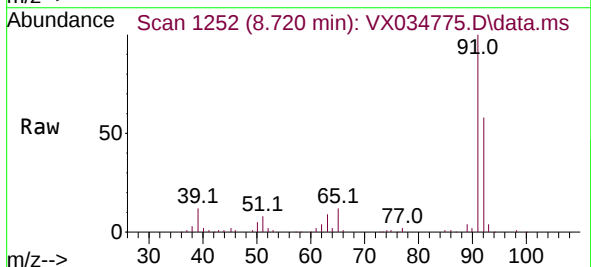
Manual Integrations
APPROVED

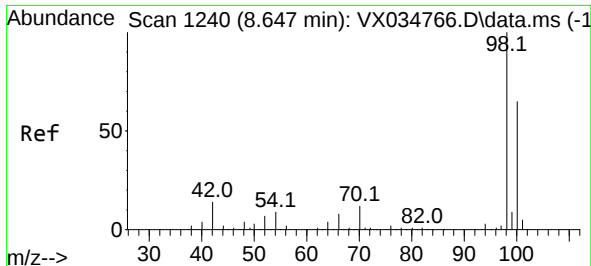
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#62
Toluene
Concen: 4.997 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

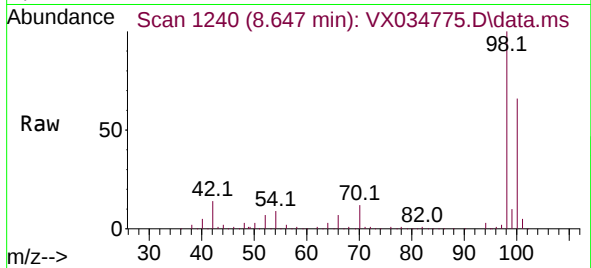
Tgt Ion: 91 Resp: 65647
Ion Ratio Lower Upper
91 100
92 59.8 46.5 69.7





#63
Toluene-d8
Concen: 30.598 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

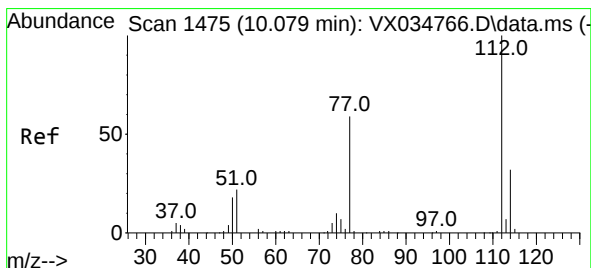
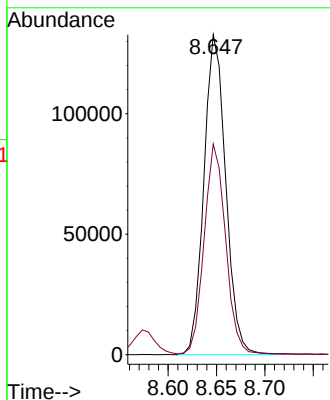
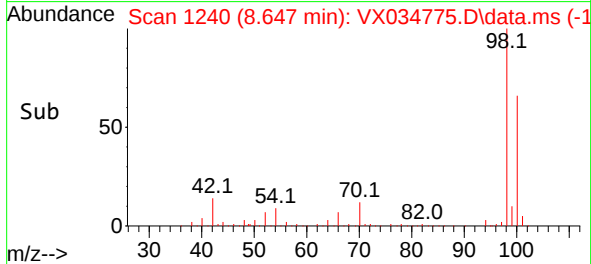
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



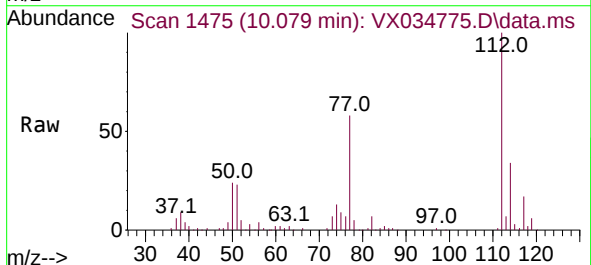
Tgt Ion: 98 Resp: 20892
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1

Manual Integrations
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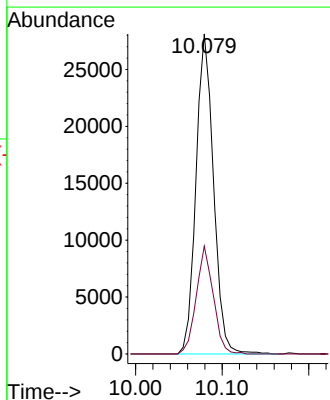
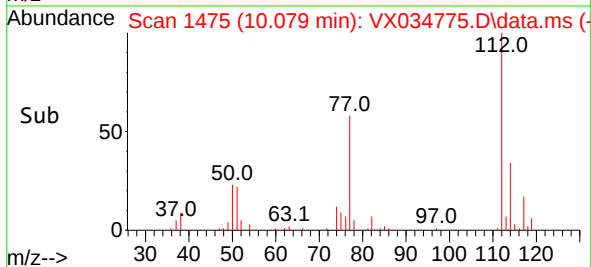
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

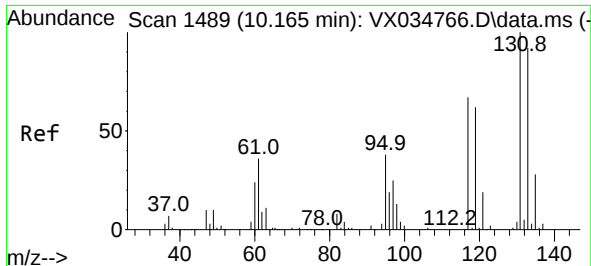


#64
Chlorobenzene
Concen: 4.890 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11



Tgt Ion:112 Resp: 39561
Ion Ratio Lower Upper
112 100
114 33.7 25.8 38.8





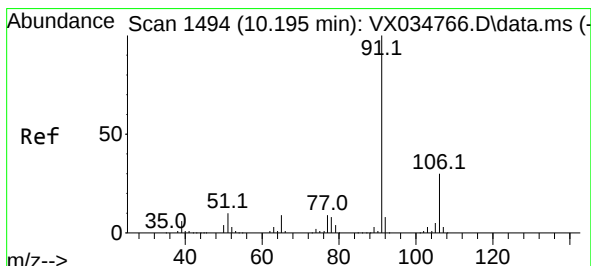
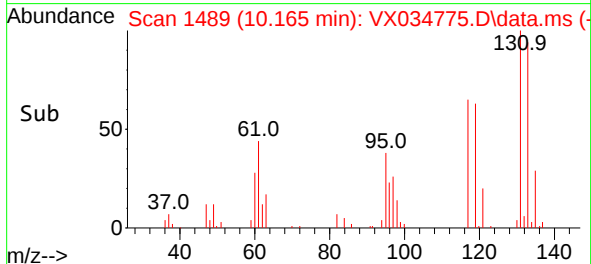
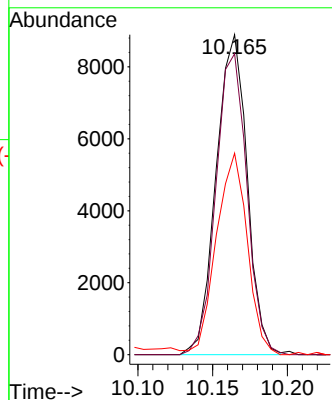
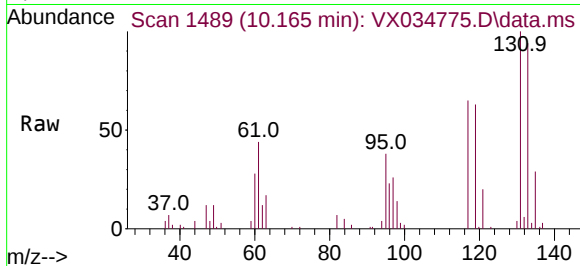
#65
1,1,1,2-Tetrachloroethane
Concen: 4.430 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

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

Tgt Ion:131 Resp: 1281
Ion Ratio Lower Upper
131 100
133 94.0 0.0 186.6
119 62.6 0.0 128.6

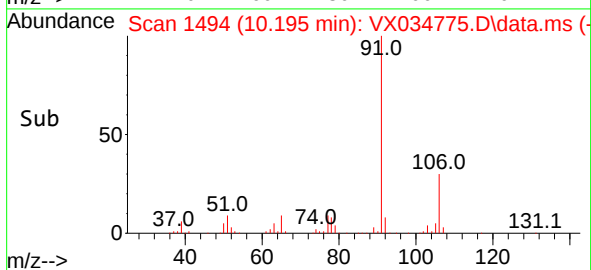
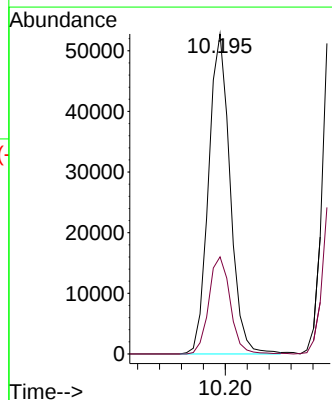
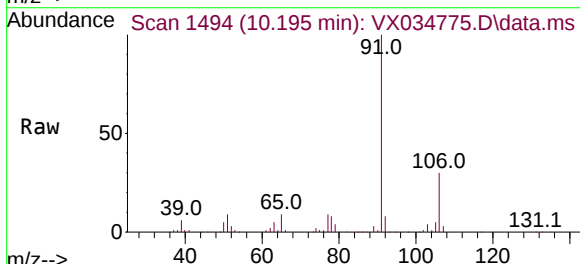
Manual Integrations
APPROVED

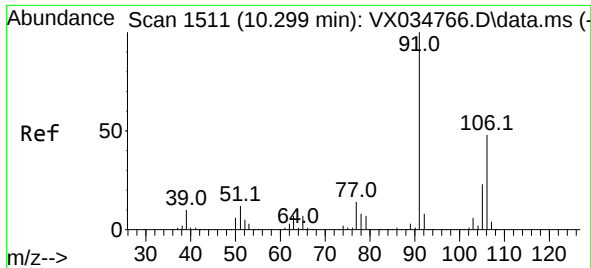
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#66
Ethyl Benzene
Concen: 4.915 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

Tgt Ion: 91 Resp: 71917
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6





#67

m/p-Xylenes

Concen: 9.334 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:106 Resp: 51969

Ion Ratio Lower Upper

106 100

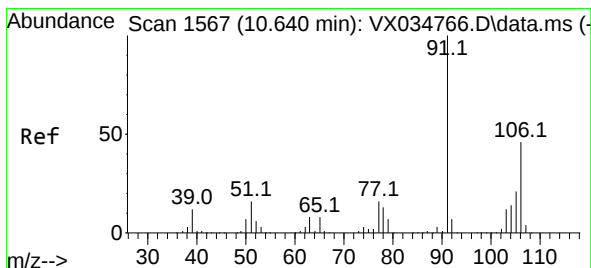
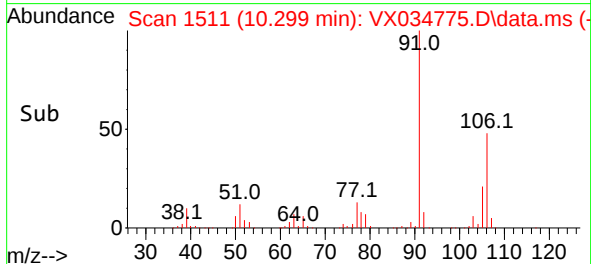
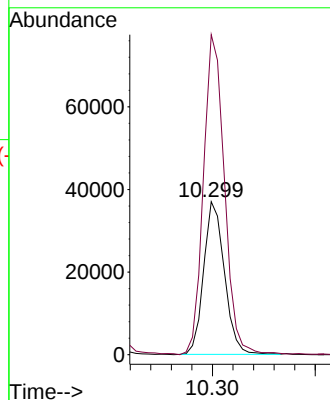
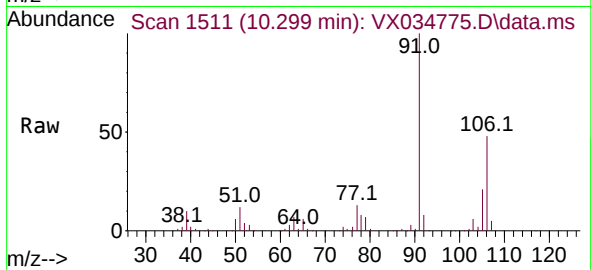
91 211.5 167.4 251.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#68

o-Xylene

Concen: 4.804 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX034775.D

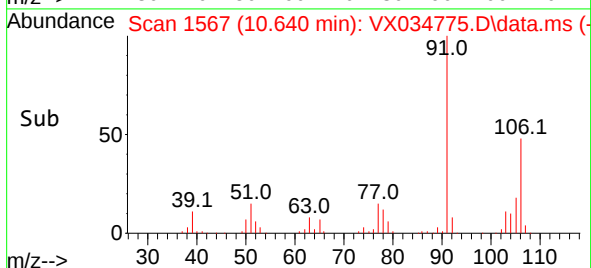
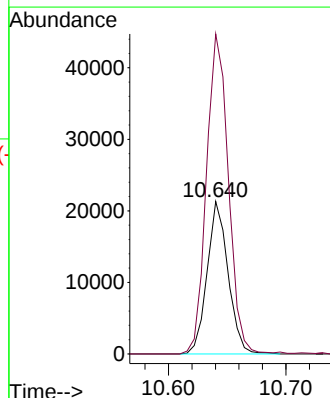
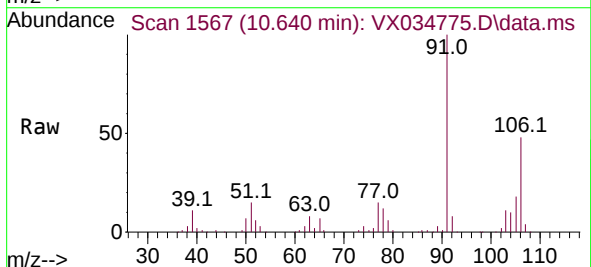
Acq: 28 Mar 2023 03:11

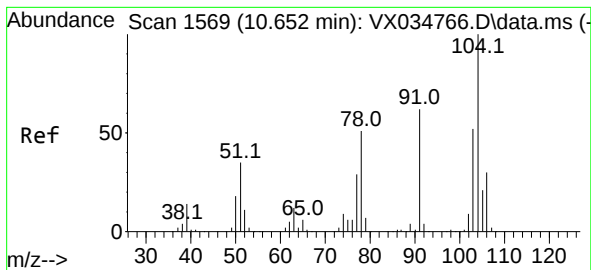
Tgt Ion:106 Resp: 26452

Ion Ratio Lower Upper

106 100

91 219.2 108.9 326.8





#69

Styrene

Concen: 4.482 ug/l

RT: 10.658 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

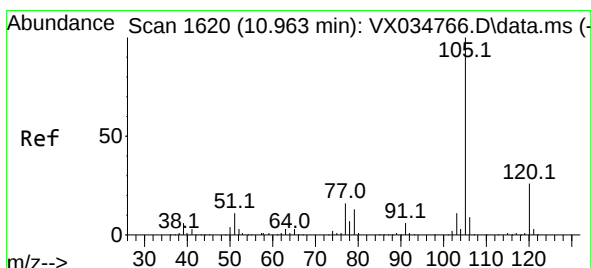
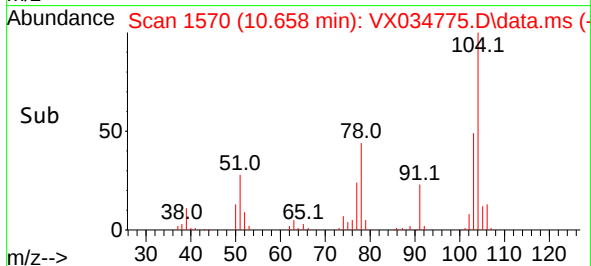
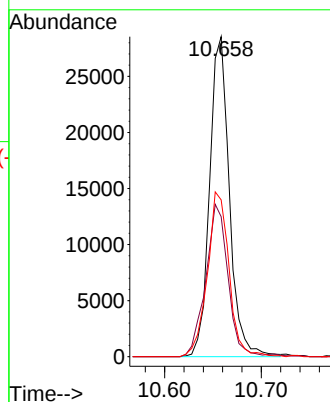
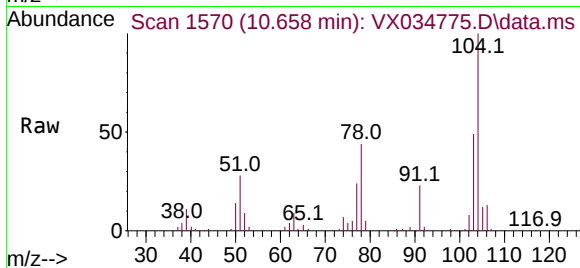
Tgt Ion:104 Resp: 4068
 Ion Ratio Lower Upper
 104 100
 78 53.3 42.8 64.2
 103 55.5 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#70

Isopropylbenzene

Concen: 4.723 ug/l

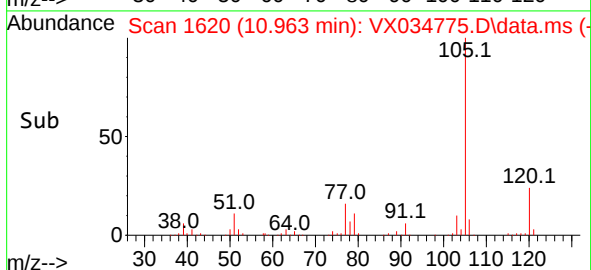
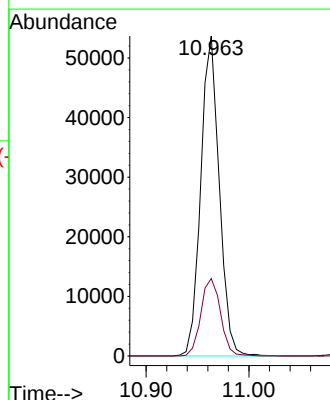
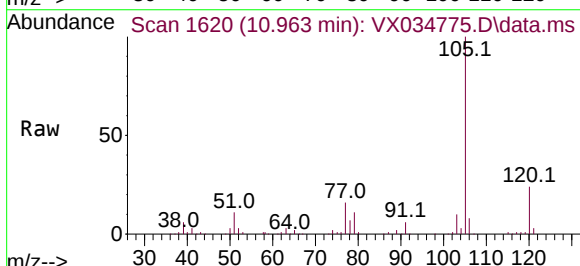
RT: 10.963 min Scan# 1620

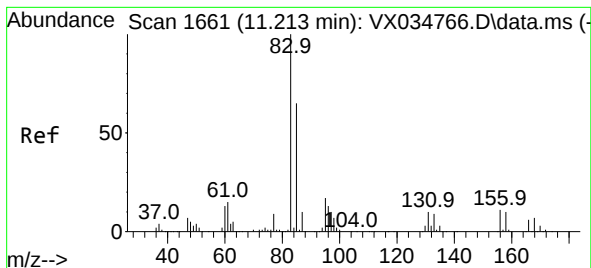
Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Tgt Ion:105 Resp: 67306
 Ion Ratio Lower Upper
 105 100
 120 25.6 18.5 34.3





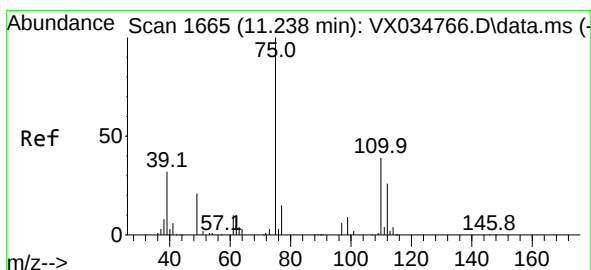
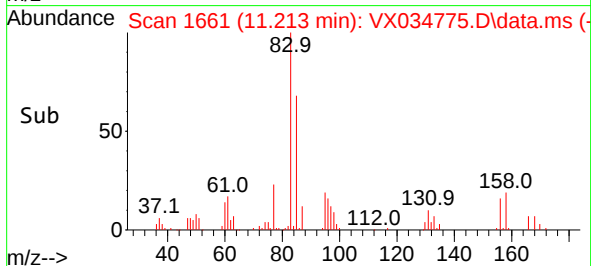
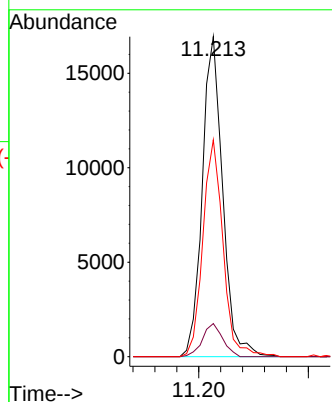
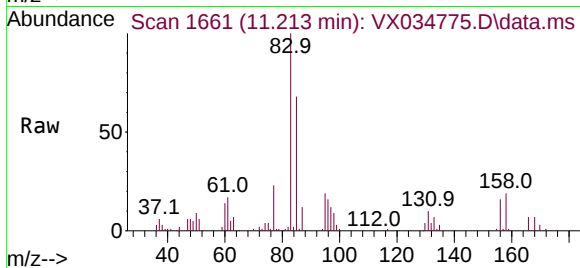
#71
1,1,2,2-Tetrachloroethane
Concen: 4.676 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

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

Tgt Ion: 83 Resp: 2190
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.2
85 66.9 31.9 95.5

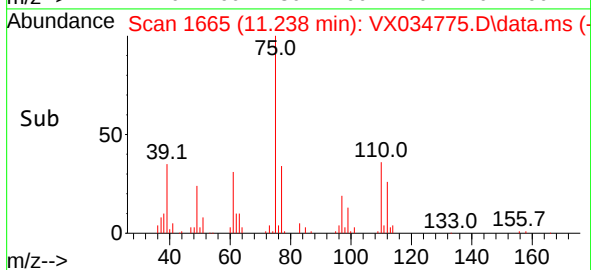
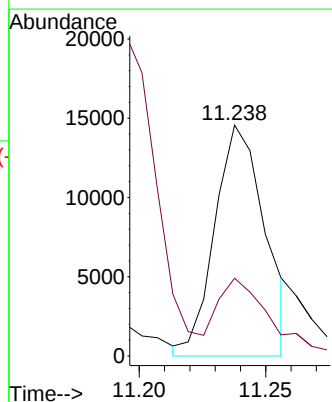
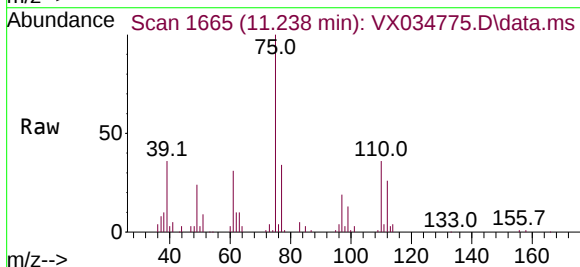
Manual Integrations
APPROVED

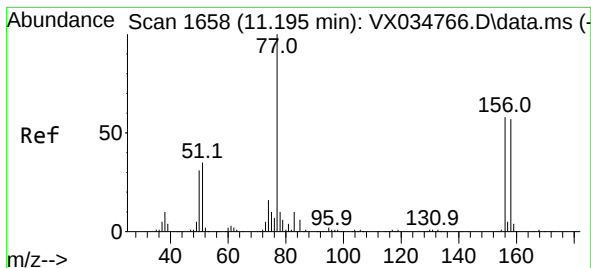
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#72
1,2,3-Trichloropropane
Concen: 4.701 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

Tgt Ion: 75 Resp: 20045
Ion Ratio Lower Upper
75 100
77 34.7 0.0 73.8





#73

Bromobenzene

Concen: 4.658 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

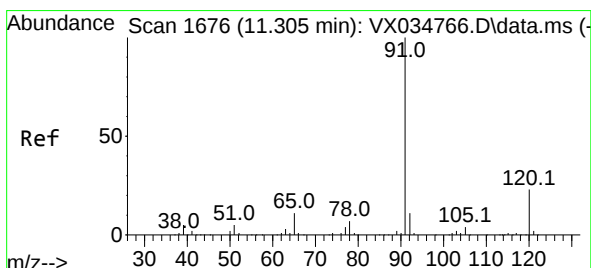
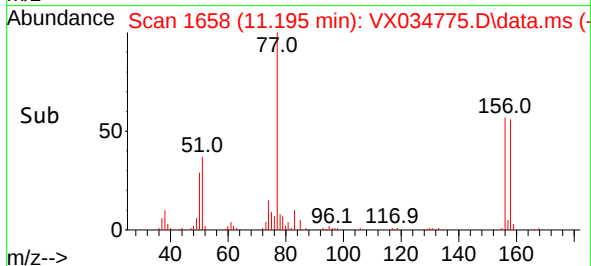
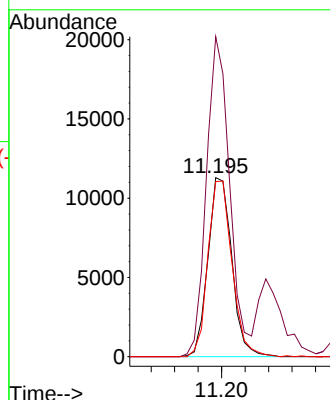
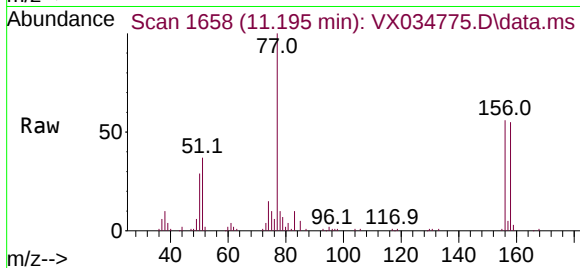
Tgt Ion:	156	Resp:	15939
Ion Ratio	Lower	Upper	
156	100		
77	174.2	0.0	330.8
158	99.2	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#74

n-propylbenzene

Concen: 4.530 ug/l

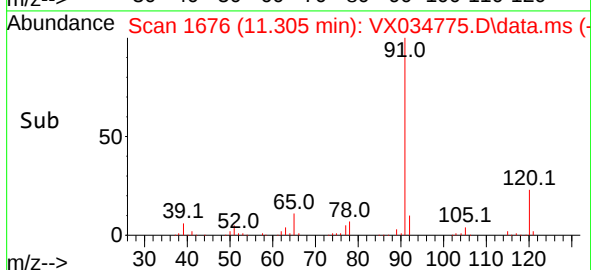
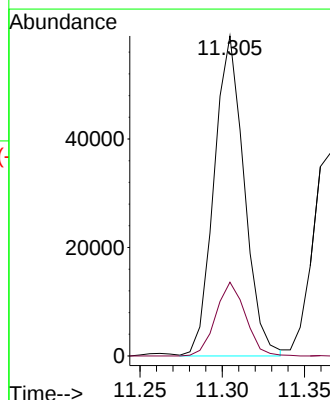
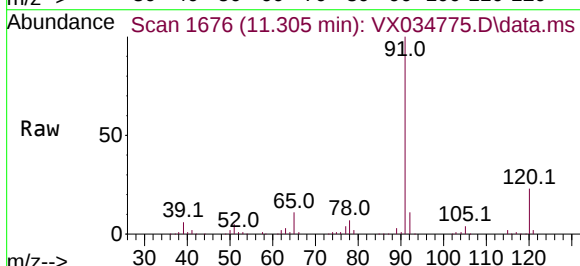
RT: 11.305 min Scan# 1676

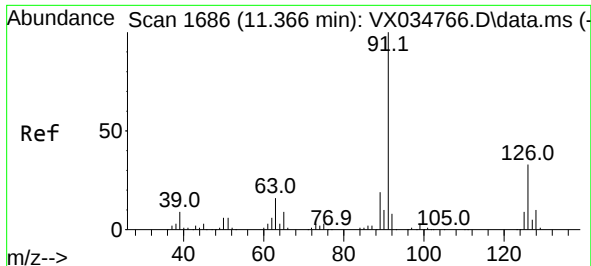
Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Tgt Ion:	91	Resp:	75141
Ion Ratio	Lower	Upper	
91	100		
120	22.7	0.0	44.8





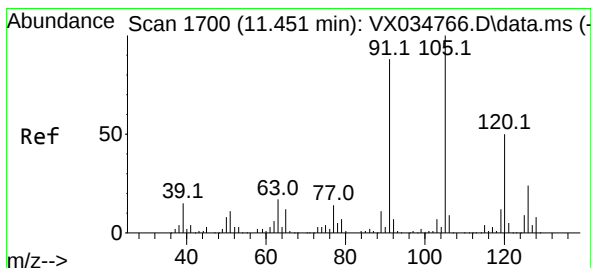
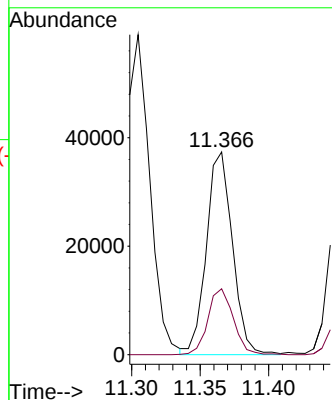
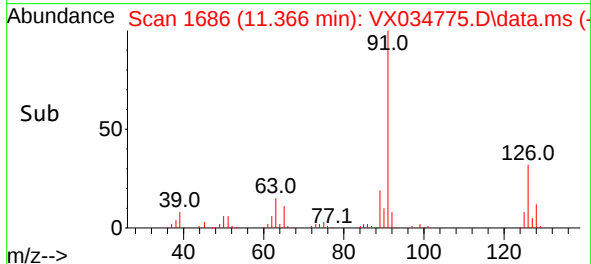
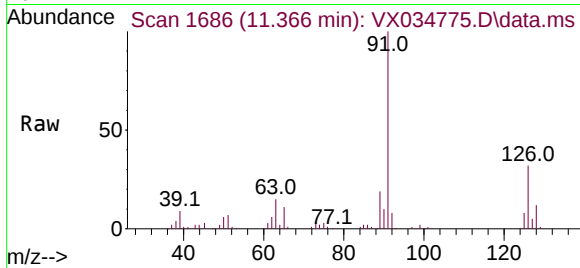
#75
2-Chlorotoluene
Concen: 4.787 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

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

Tgt Ion: 91 Resp: 4950
Ion Ratio Lower Upper
91 100
126 31.5 0.0 66.4

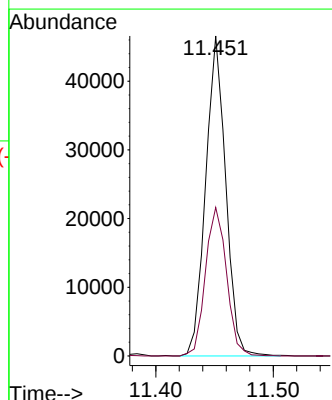
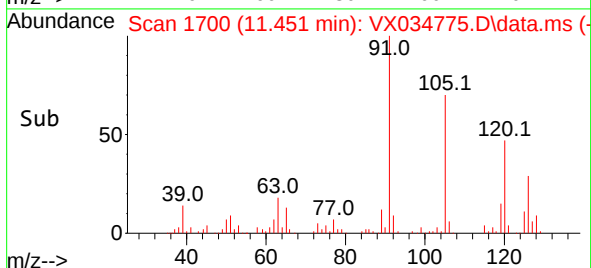
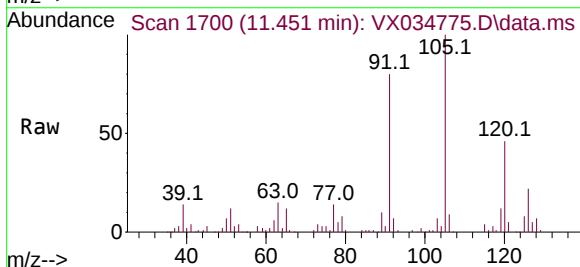
Manual Integrations
APPROVED

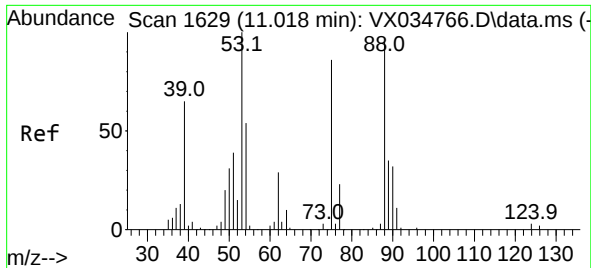
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#76
1,3,5-Trimethylbenzene
Concen: 4.602 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

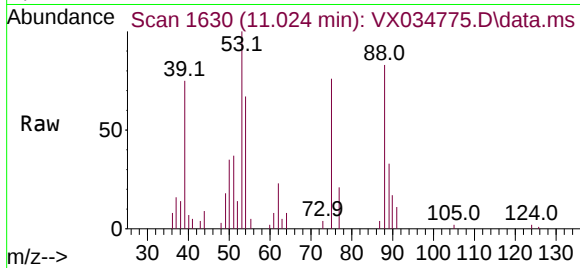
Tgt Ion:105 Resp: 55204
Ion Ratio Lower Upper
105 100
120 48.8 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 2.904 ug/l
RT: 11.024 min Scan# 1629
Delta R.T. 0.006 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

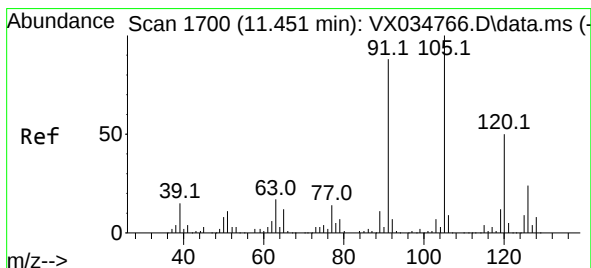
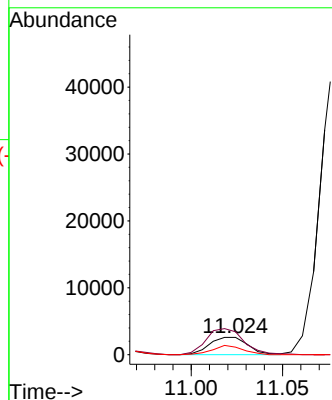
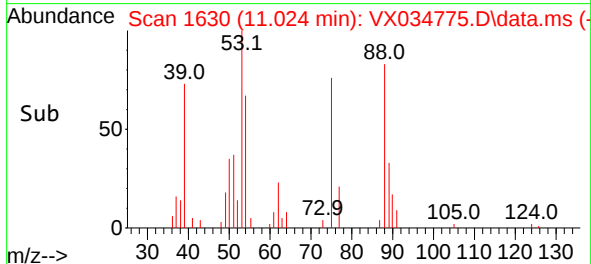
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion: 75 Resp: 3802
Ion Ratio Lower Upper
75 100
53 132.3 58.2 174.6
89 43.2 20.6 61.8

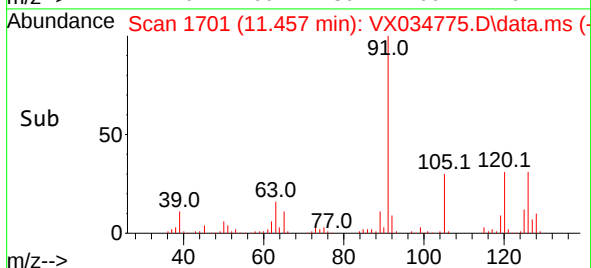
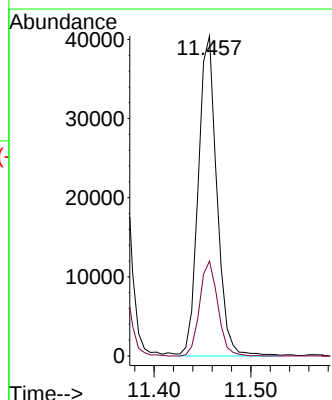
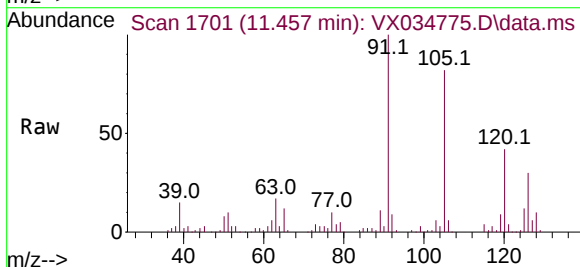
Manual Integrations
APPROVED

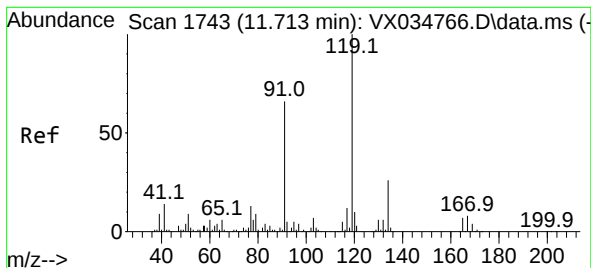
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#78
4-Chlorotoluene
Concen: 4.560 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

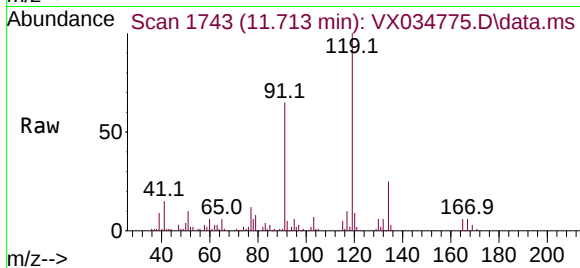
Tgt Ion: 91 Resp: 54061
Ion Ratio Lower Upper
91 100
126 28.9 0.0 56.8





#79
tert-butylbenzene
Concen: 4.607 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

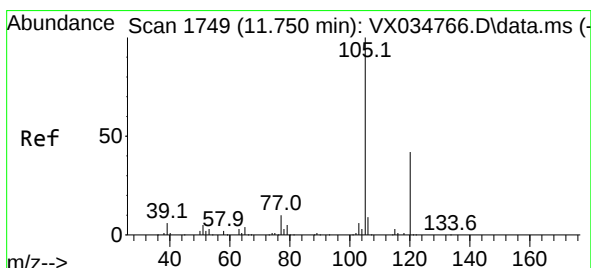
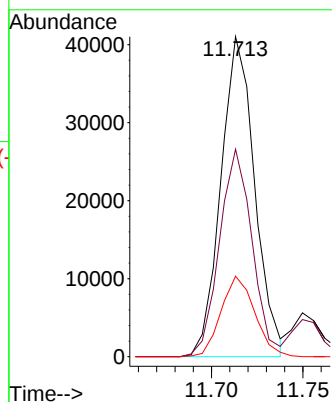
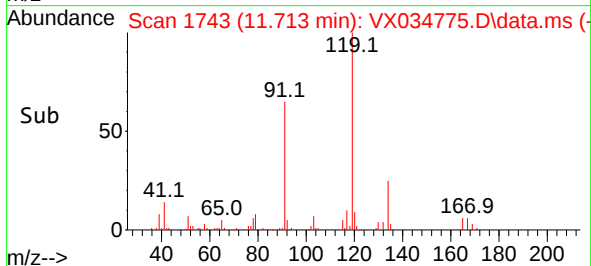
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion:119 Resp: 52750
Ion Ratio Lower Upper
119 100
91 62.7 0.0 122.4
134 25.1 0.0 49.2

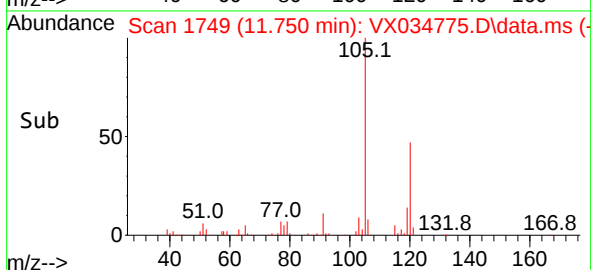
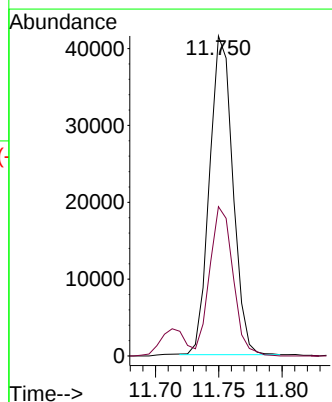
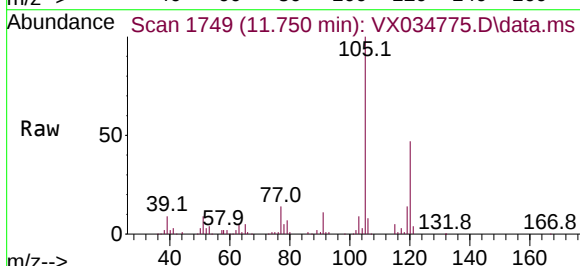
Manual Integrations
APPROVED

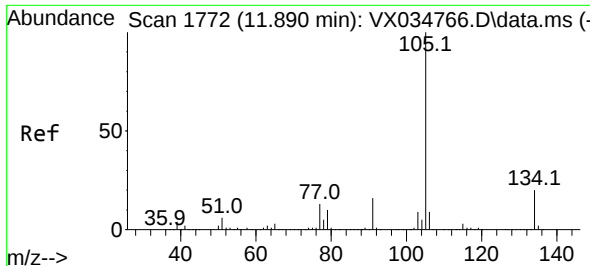
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#80
1,2,4-Trimethylbenzene
Concen: 4.455 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

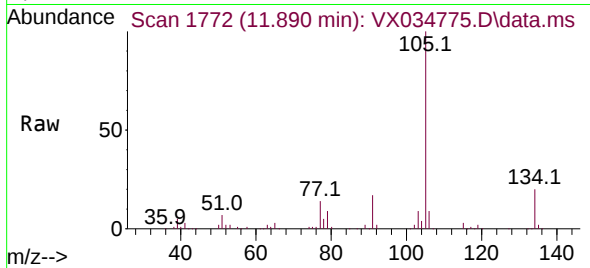
Tgt Ion:105 Resp: 53106
Ion Ratio Lower Upper
105 100
120 46.9 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 4.529 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034775.D
 Acq: 28 Mar 2023 03:11

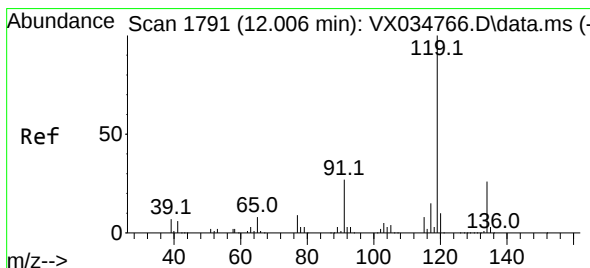
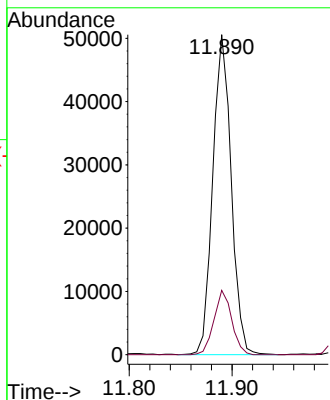
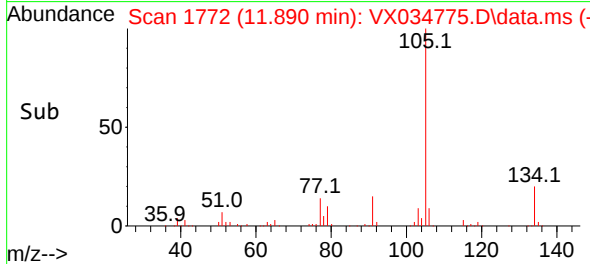
Instrument : MSVOA_X
 ClientSampleId : LOQ-WATER-02-QT1-2023



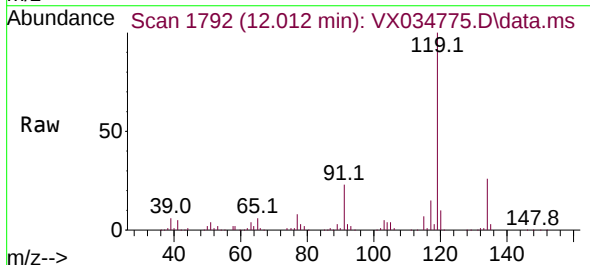
Tgt Ion:105 Resp: 62834
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 40.2

Manual Integrations
 APPROVED

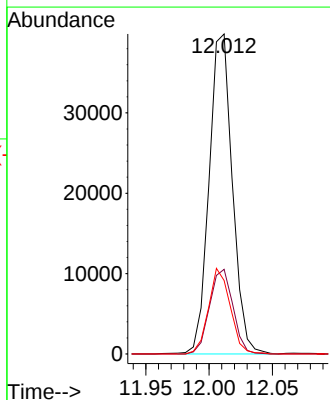
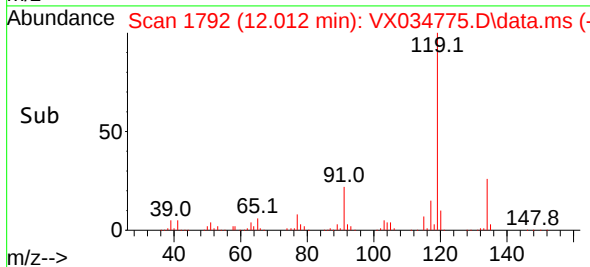
Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023

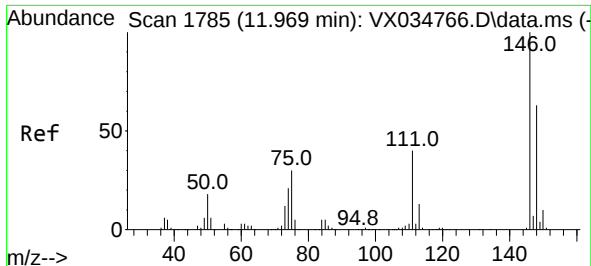


#82
 p-Isopropyltoluene
 Concen: 4.350 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX034775.D
 Acq: 28 Mar 2023 03:11



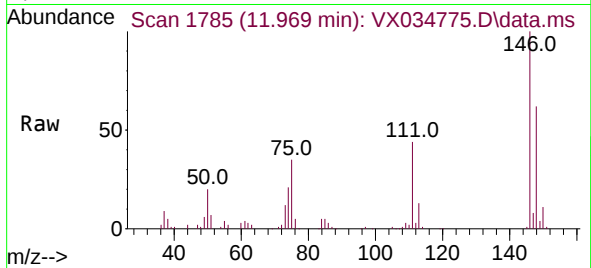
Tgt Ion:119 Resp: 50933
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.2
 91 24.9 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 4.631 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

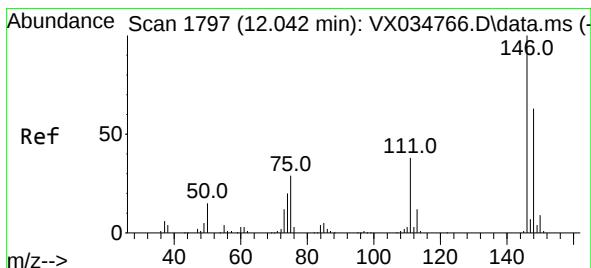
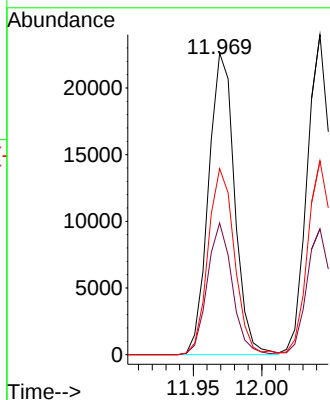
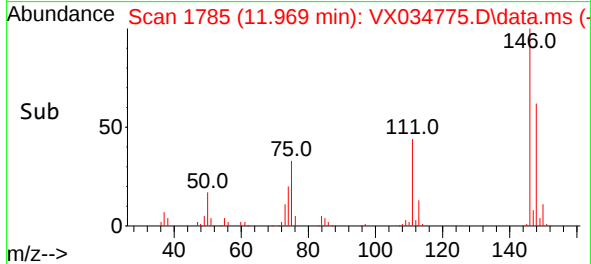
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023



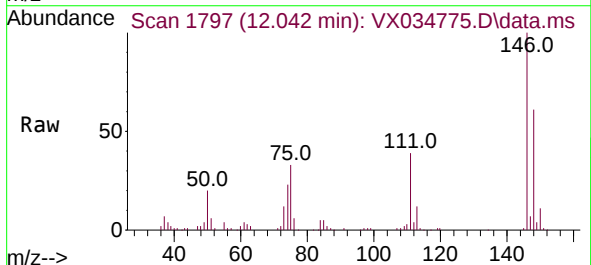
Tgt Ion:146 Resp: 29920
Ion Ratio Lower Upper
146 100
111 41.9 20.6 61.9
148 62.4 31.6 94.7

Manual Integrations
APPROVED

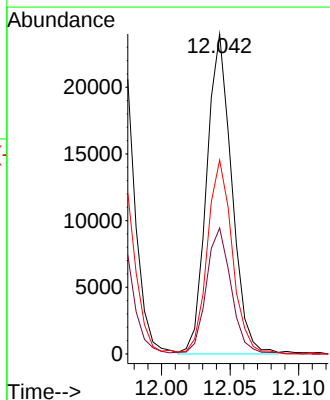
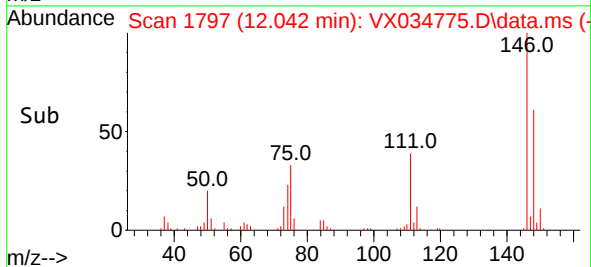
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

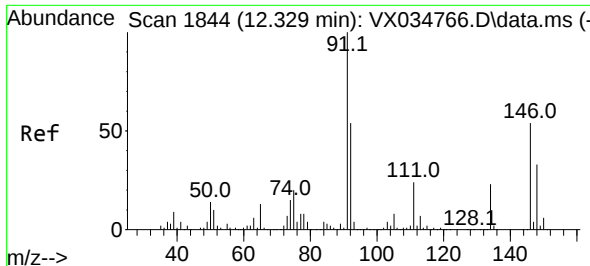


#84
1,4-Dichlorobenzene
Concen: 4.703 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11



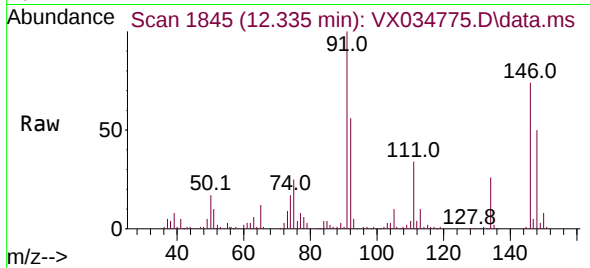
Tgt Ion:146 Resp: 30521
Ion Ratio Lower Upper
146 100
111 37.6 20.3 60.9
148 60.3 31.8 95.3





#85
n-Butylbenzene
Concen: 4.067 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

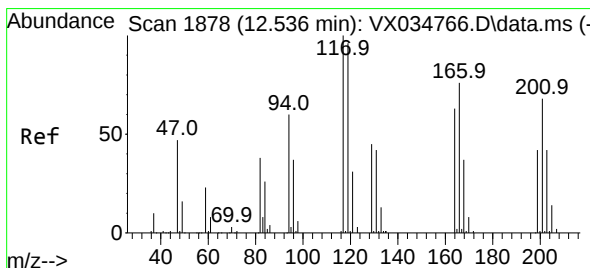
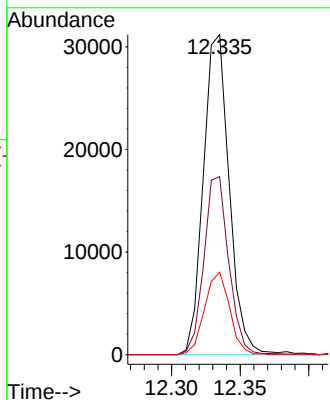
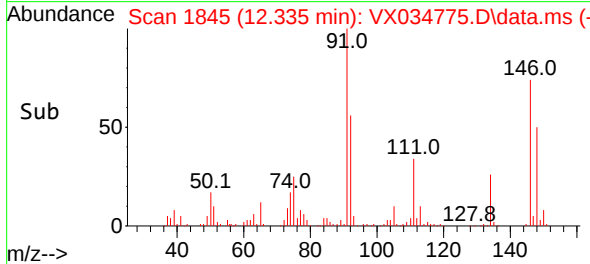
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion: 91 Resp: 4103
Ion Ratio Lower Upper
91 100
92 53.4 0.0 107.6
134 24.9 0.0 49.8

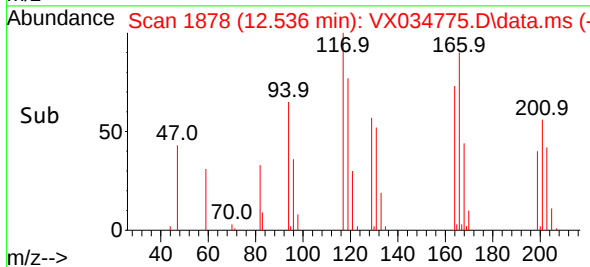
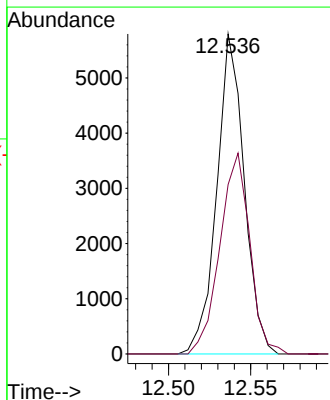
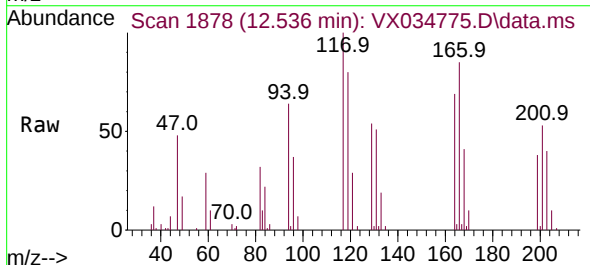
Manual Integrations
APPROVED

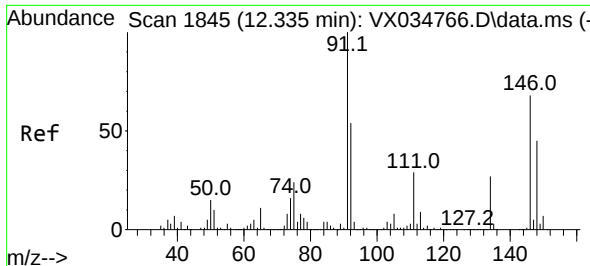
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#86
Hexachloroethane
Concen: 3.513 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

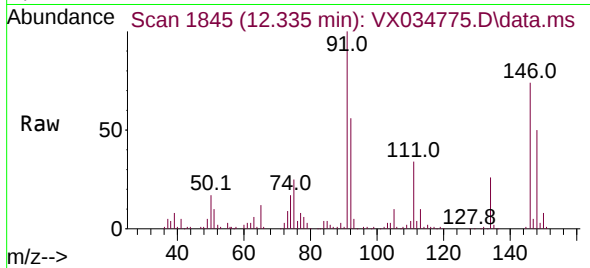
Tgt Ion:117 Resp: 6737
Ion Ratio Lower Upper
117 100
201 68.4 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 4.583 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

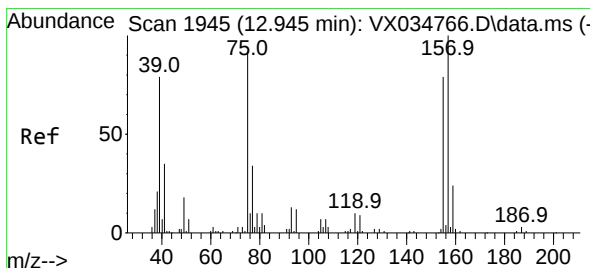
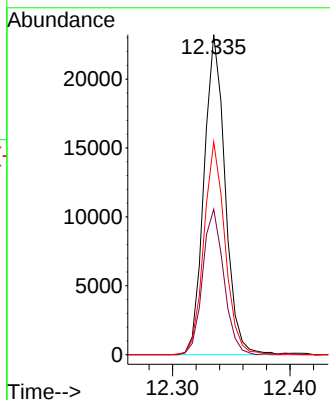
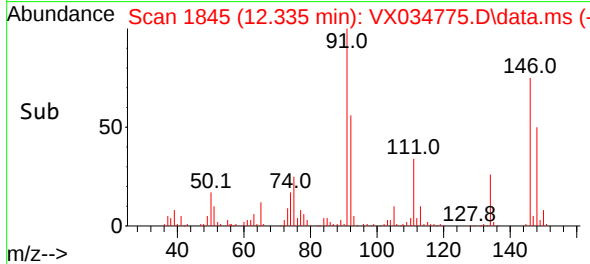
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion:146 Resp: 28984
Ion Ratio Lower Upper
146 100
111 45.4 21.3 64.0
148 66.5 31.7 95.1

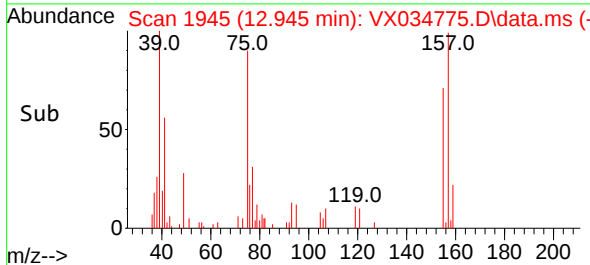
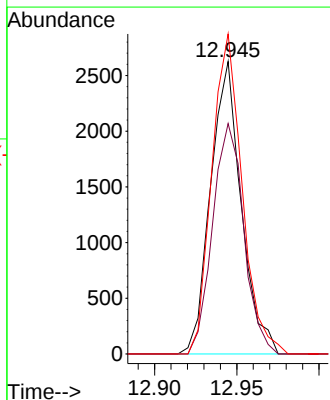
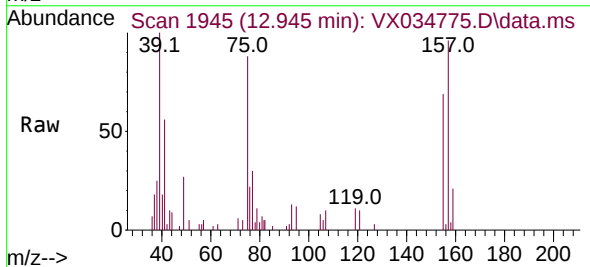
Manual Integrations
APPROVED

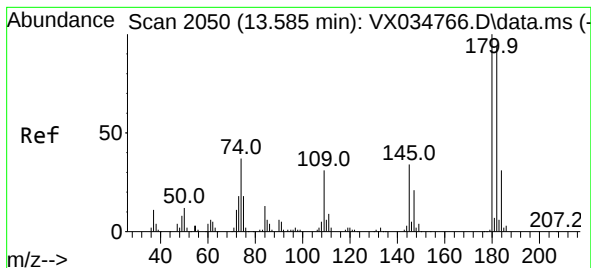
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 3.329 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

Tgt Ion: 75 Resp: 3407
Ion Ratio Lower Upper
75 100
155 79.9 63.7 95.5
157 107.8 83.7 125.5





#89

1,2,4-Trichlorobenzene

Concen: 4.190 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

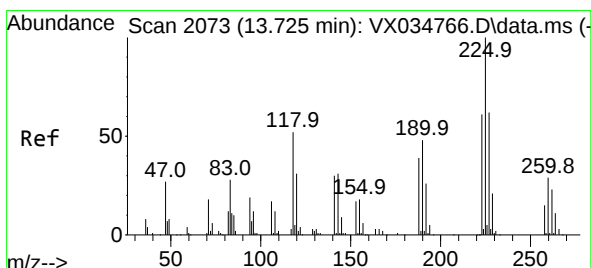
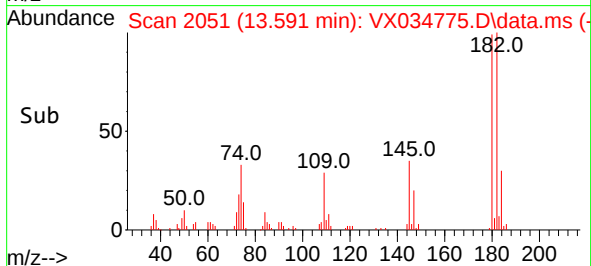
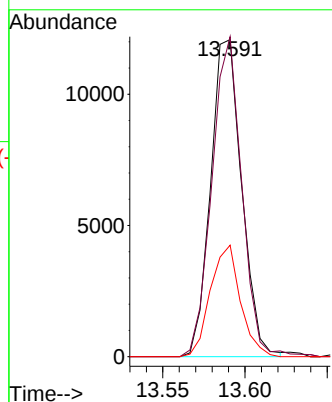
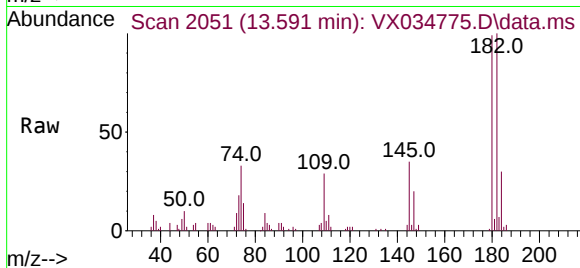
Tgt Ion:	180	Resp:	15894
Ion Ratio	Lower	Upper	
180	100		
182	96.9	75.8	113.8
145	33.9	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#90

Hexachlorobutadiene

Concen: 4.154 ug/l

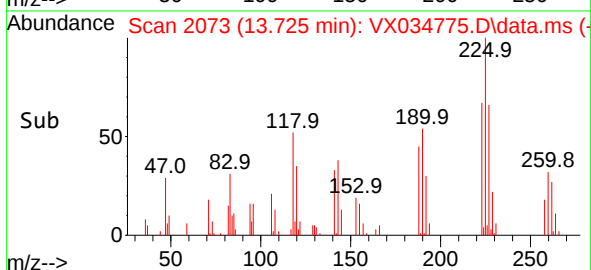
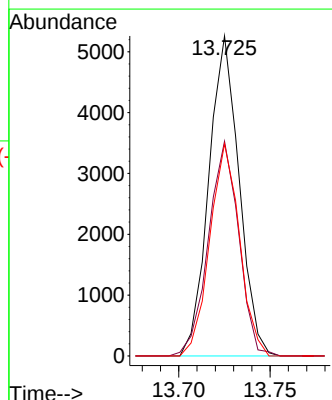
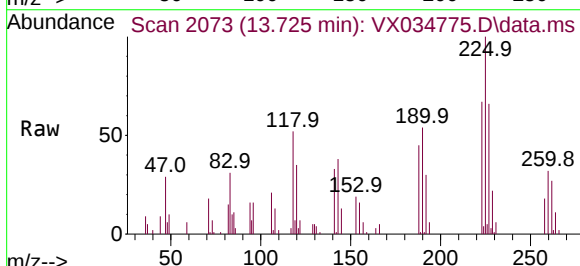
RT: 13.725 min Scan# 2073

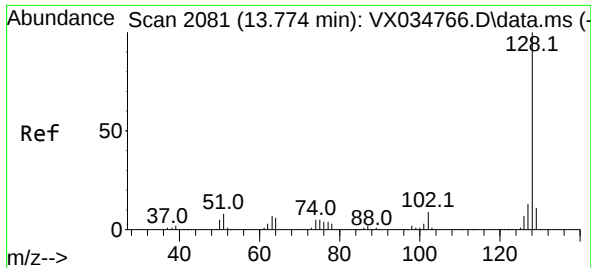
Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

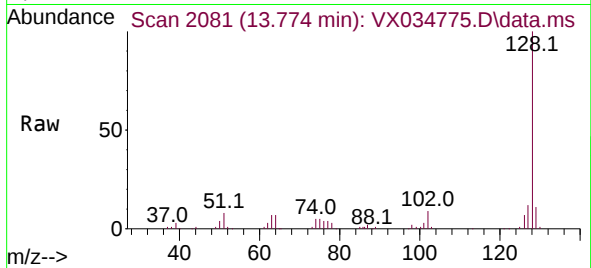
Tgt Ion:	225	Resp:	6077
Ion Ratio	Lower	Upper	
225	100		
223	67.1	0.0	124.2
227	64.8	0.0	122.8





#91
Naphthalene
Concen: 4.414 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11

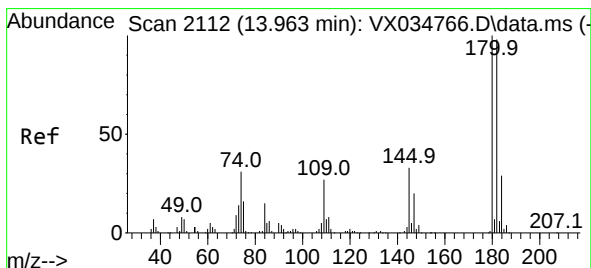
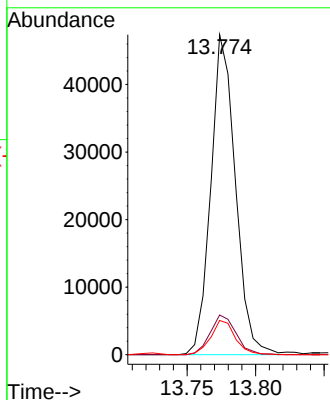
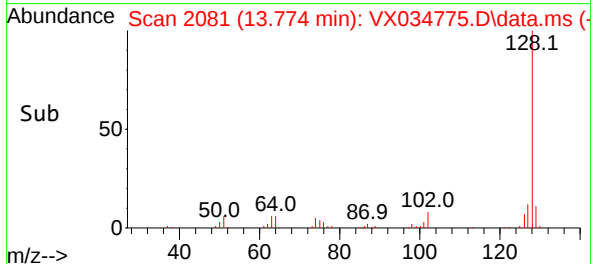
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2023



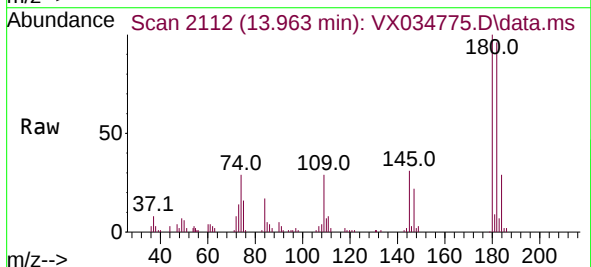
Tgt Ion:128 Resp: 59159
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#92
1,2,3-Trichlorobenzene
Concen: 4.515 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034775.D
Acq: 28 Mar 2023 03:11



Tgt Ion:180 Resp: 17122
Ion Ratio Lower Upper
180 100
182 95.0 0.0 191.0
145 33.6 0.0 66.8

