

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034776.D
 Acq On : 28 Mar 2023 03:34
 Operator : JC/MD
 Sample : 01627-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Quant Time: Mar 28 09:22:20 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	4.897	128	26664	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	190277	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	201273	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	79737	31.123	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.733%			
60) 4-Bromofluorobenzene	11.079	95	112344	27.934	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.100%			
63) Toluene-d8	8.647	98	211289	30.890	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.967%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6026	2.383	ug/l	95
3) Chloromethane	1.294	50	8108	2.473	ug/l #	80
4) Vinyl Chloride	1.374	62	8142	2.517	ug/l	98
5) Bromomethane	1.618	94	6395	3.005	ug/l	89
6) Chloroethane	1.691	64	5165	2.453	ug/l	94
7) Trichlorofluoromethane	1.892	101	13674	2.653	ug/l	100
8) Diethyl Ether	2.136	74	4965	2.676	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	6401	2.448	ug/l	93
10) 1,1-Dichloroethene	2.325	96	7105	2.684	ug/l	91
11) Methyl Iodide	2.453	142	7323	2.173	ug/l	98
12) Methyl Acetate	2.709	43	14970	2.554	ug/l	95
13) Acrolein	2.239	56	9196	13.530	ug/l	100
14) Acrylonitrile	3.068	53	20118	12.465	ug/l	98
15) Acetone	2.398	58	5901	13.468	ug/l	85
16) Carbon Disulfide	2.514	76	16504	2.438	ug/l	99
17) Allyl chloride	2.672	41	13109	2.560	ug/l	87
18) Methylene Chloride	2.788	84	8905	2.856	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	7292	2.518	ug/l	95
20) Diisopropyl ether	3.757	45	26242	2.501	ug/l	87
21) 1,1-Dichloroethane	3.611	63	14064	2.507	ug/l	97
22) cis-1,2-Dichloroethene	4.495	96	8628	2.558	ug/l	94
23) tert-Butyl Alcohol	3.014	59	10873m	14.973	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	25027	2.545	ug/l	97
25) Chloroform	5.093	83	14418	2.527	ug/l	98
26) Cyclohexane	5.470	56	12406	2.523	ug/l #	95
29) 1,1-Dichloropropene	5.690	75	10402	2.377	ug/l	99
30) 2-Butanone	4.568	43	28870	11.829	ug/l #	71
31) 2,2-Dichloropropane	4.489	77	8791m	1.981	ug/l	
32) 1,1,1-Trichloroethane	5.385	97	11479	2.236	ug/l #	92
33) Carbon Tetrachloride	5.678	117	9059	2.138	ug/l	84
34) Benzene	6.037	78	30609	2.407	ug/l	97
35) Methacrylonitrile	4.928	41	6460	2.418	ug/l	92
36) 1,2-Dichloroethane	6.086	62	12091	2.425	ug/l #	87
37) Trichloroethene	7.129	130	7911	2.444	ug/l	97
38) Methylcyclohexane	7.379	83	11247	2.352	ug/l	96
39) 1,2-Dichloropropane	7.434	63	7839	2.371	ug/l	92
40) Dibromomethane	7.580	93	5592	2.462	ug/l	95
41) Bromodichloromethane	7.824	83	8911	2.083	ug/l #	95
42) Vinyl Acetate	3.727	43	85790	10.775	ug/l	100

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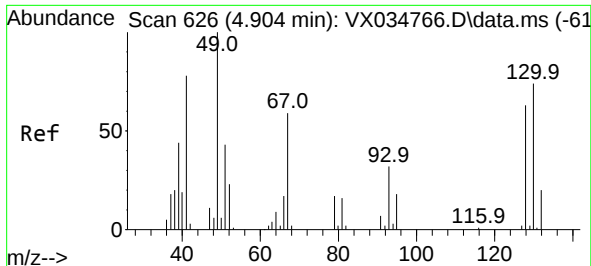
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	9662	2.041	ug/l #	84
44) Isopropyl Acetate	6.342	43	17357	2.166	ug/l	98
45) 1,4-Dioxane	7.726	88	3990m	50.261	ug/l	
46) Methyl methacrylate	7.696	41	7530	1.929	ug/l	96
47) n-amyl Acetate	10.848	43	12133	1.742	ug/l	95
48) t-1,3-Dichloropropene	8.982	75	8276	1.776	ug/l	94
49) cis-1,3-Dichloropropene	8.372	75	9807	1.915	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	7455	2.356	ug/l	93
51) Ethyl methacrylate	9.116	69	10247	1.996	ug/l	96
52) 1,3-Dichloropropane	9.311	76	13425	2.402	ug/l	100
53) Dibromochloromethane	9.519	129	5822	1.860	ug/l	96
54) 1,2-Dibromoethane	9.610	107	7605	2.247	ug/l	95
55) 2-Chloroethyl vinyl ether	8.244	63	27030	10.003	ug/l	95
56) Bromoform	10.799	173	3683	1.707	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	54822	11.880	ug/l	99
59) 2-Hexanone	9.433	43	38996	11.223	ug/l	100
61) Tetrachloroethene	9.275	164	7380	2.721	ug/l	95
62) Toluene	8.720	91	32904	2.500	ug/l	99
64) Chlorobenzene	10.079	112	20392	2.516	ug/l	91
65) 1,1,1,2-Tetrachloroethane	10.165	131	6190	2.136	ug/l	97
66) Ethyl Benzene	10.195	91	35189	2.401	ug/l	99
67) m/p-Xylenes	10.299	106	25805	4.627	ug/l	100
68) o-Xylene	10.640	106	13545	2.456	ug/l	94
69) Styrene	10.659	104	19589	2.154	ug/l	99
70) Isopropylbenzene	10.963	105	32534	2.279	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	10602	2.260	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	9581m	2.243	ug/l	
73) Bromobenzene	11.195	156	8434	2.460	ug/l	94
74) n-propylbenzene	11.305	91	36636	2.205	ug/l	98
75) 2-Chlorotoluene	11.366	91	24672	2.382	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	26604	2.214	ug/l	97
77) t-1,4-Dichloro-2-butene	11.024	75	1862	1.419	ug/l	90
78) 4-Chlorotoluene	11.457	91	26071	2.195	ug/l	100
79) tert-butylbenzene	11.713	119	25684	2.239	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	26399	2.211	ug/l	99
81) sec-Butylbenzene	11.890	105	29609	2.130	ug/l	97
82) p-Isopropyltoluene	12.012	119	24429	2.083	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	14245	2.200	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	14555	2.239	ug/l	96
85) n-Butylbenzene	12.335	91	19569	1.936	ug/l	99
86) Hexachloroethane	12.536	117	3115	1.621	ug/l	93
87) 1,2-Dichlorobenzene	12.335	146	14686	2.318	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1507	1.470	ug/l	89
89) 1,2,4-Trichlorobenzene	13.585	180	8009	2.108	ug/l	96
90) Hexachlorobutadiene	13.725	225	3270	2.231	ug/l	94
91) Naphthalene	13.774	128	28027	2.087	ug/l	98
92) 1,2,3-Trichlorobenzene	13.963	180	8806	2.318	ug/l	98

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.897 min Scan# 61

Delta R.T. -0.007 min

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MSVOA_X

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LOD-MDL-WATER-01-QT1-2023

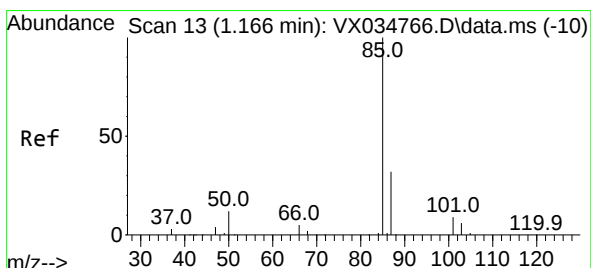
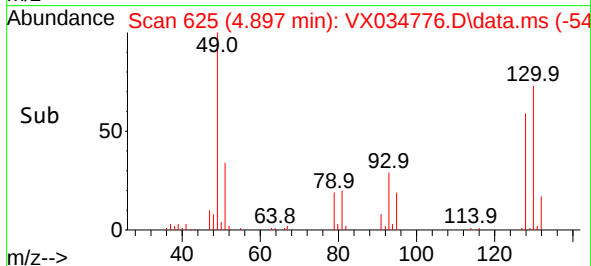
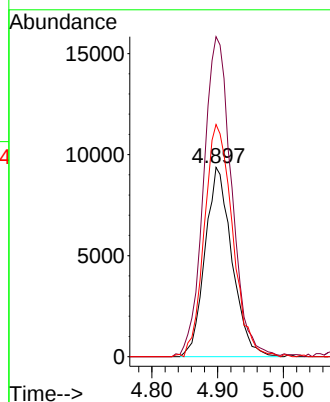
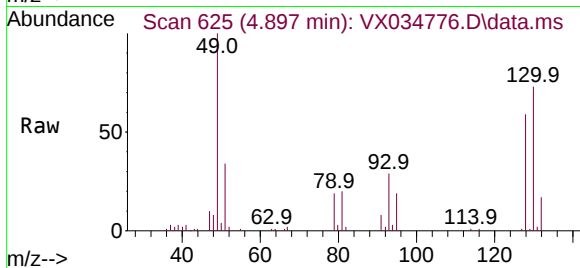
Tgt Ion:128 Resp: 26664
 Ion Ratio Lower Upper
 128 100
 49 175.9 0.0 428.8
 130 128.3 0.0 310.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 2.383 ug/l

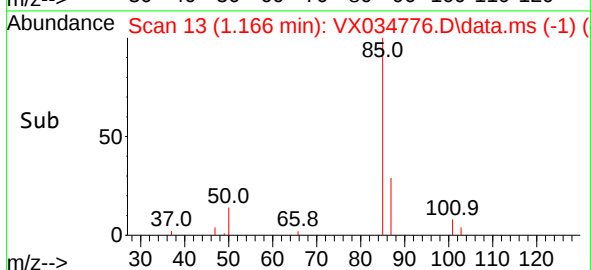
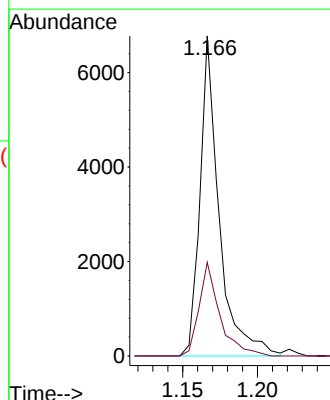
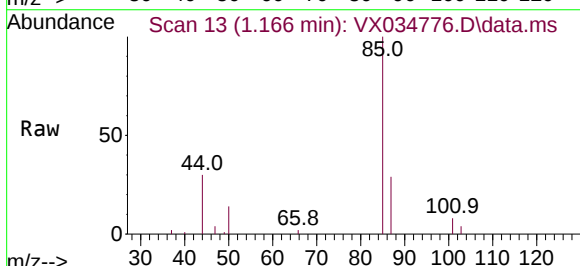
RT: 1.166 min Scan# 13

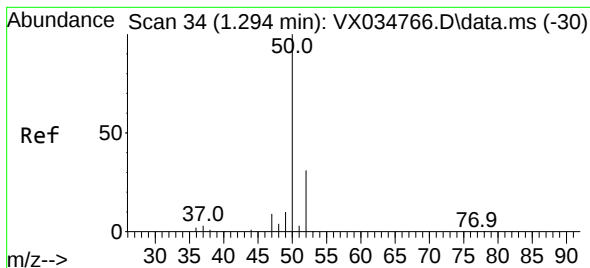
Delta R.T. 0.000 min

Lab File: VX034776.D

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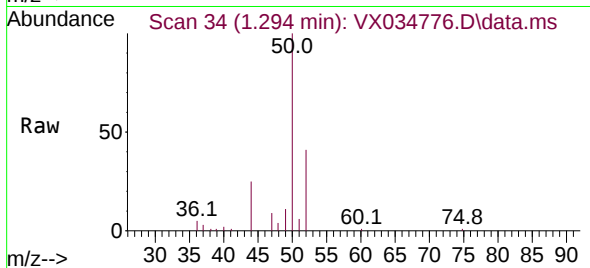
Tgt Ion: 85 Resp: 6026
 Ion Ratio Lower Upper
 85 100
 87 29.3 16.0 48.0





#3
Chloromethane
Concen: 2.473 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

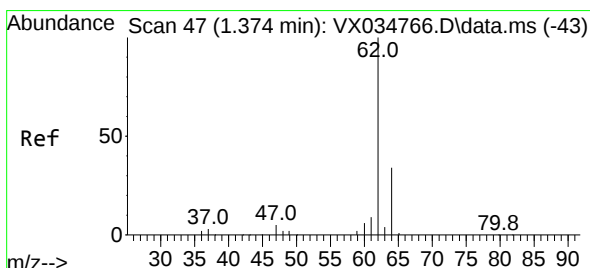
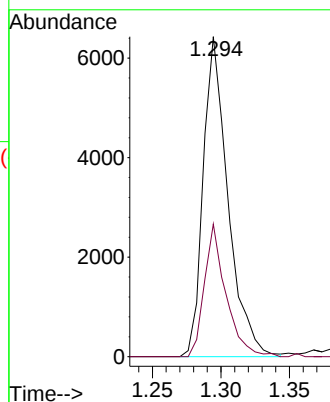
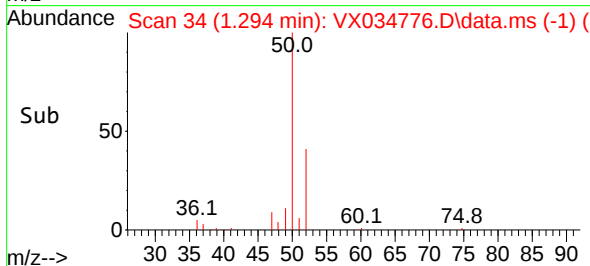
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 50 Resp: 8108
Ion Ratio Lower Upper
50 100
52 41.5 24.6 36.8

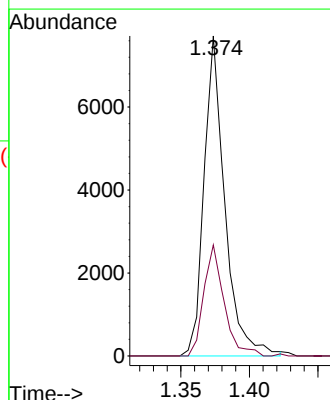
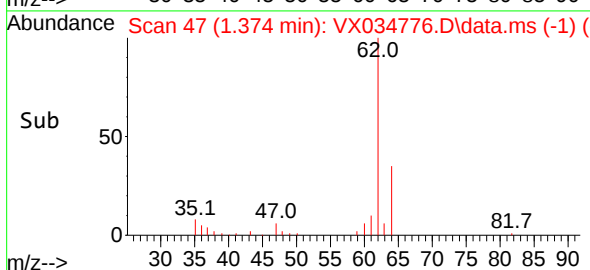
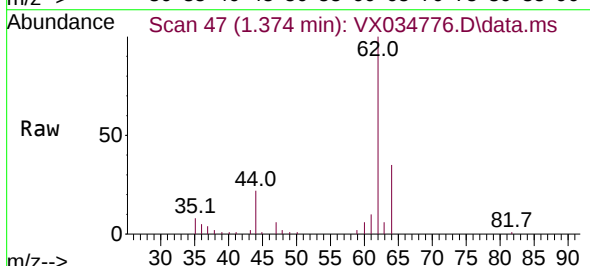
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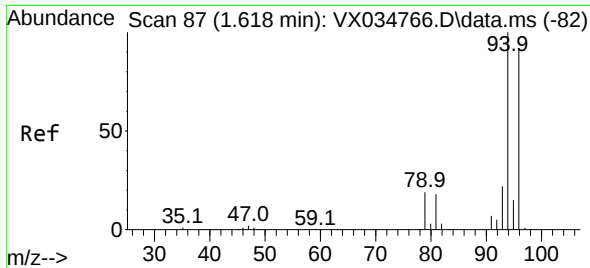
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#4
Vinyl Chloride
Concen: 2.517 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Tgt Ion: 62 Resp: 8142
Ion Ratio Lower Upper
62 100
64 34.7 26.9 40.3





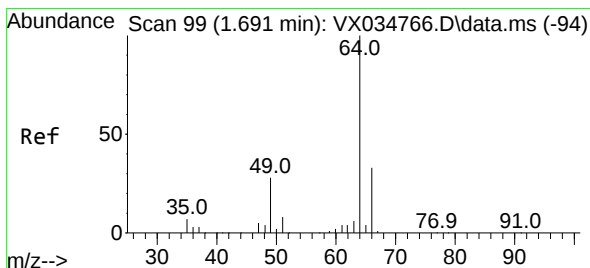
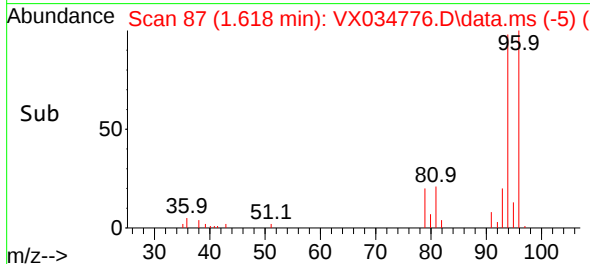
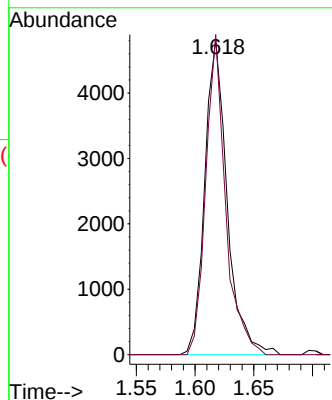
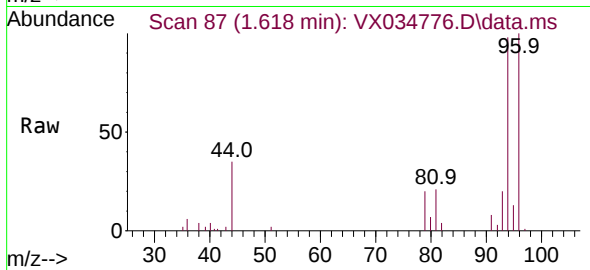
#5
Bromomethane
Concen: 3.005 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 94 Resp: 639
Ion Ratio Lower Upper
94 100
96 101.8 73.4 110.0

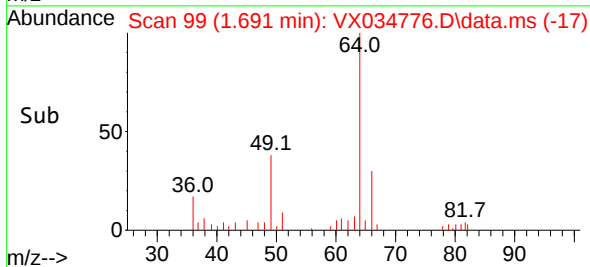
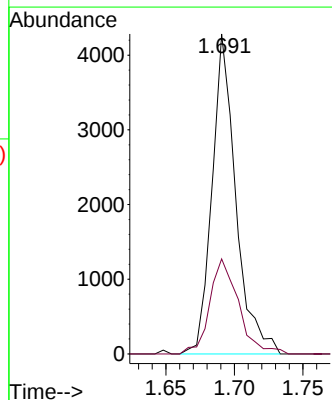
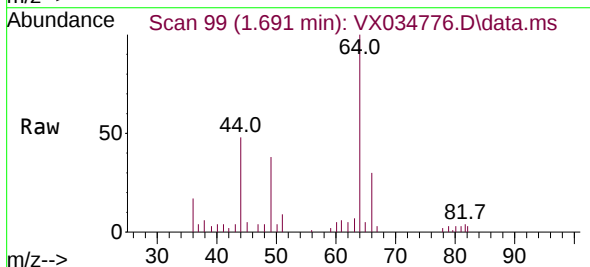
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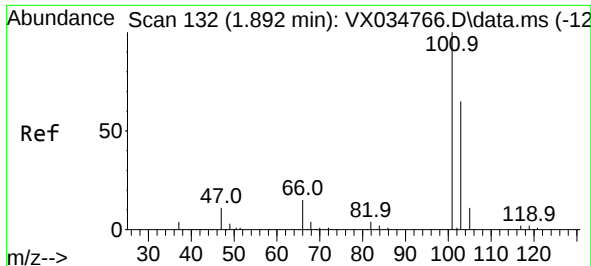
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#6
Chloroethane
Concen: 2.453 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

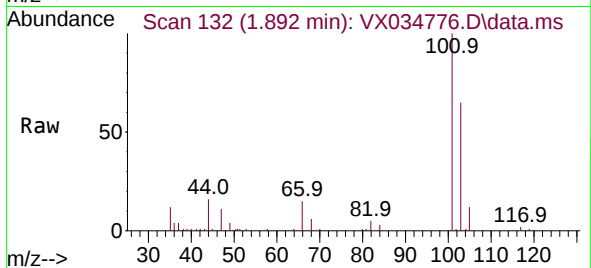
Tgt Ion: 64 Resp: 5165
Ion Ratio Lower Upper
64 100
66 29.7 26.6 40.0





#7
Trichlorofluoromethane
Concen: 2.653 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

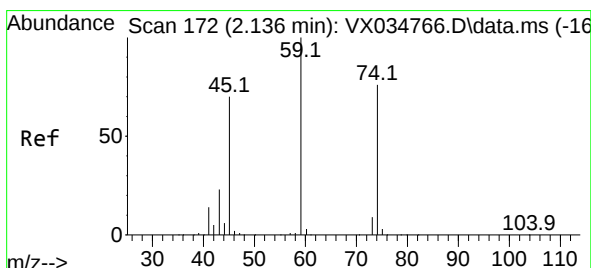
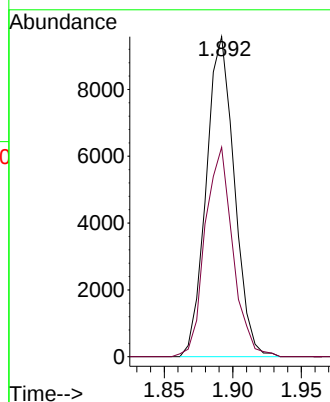
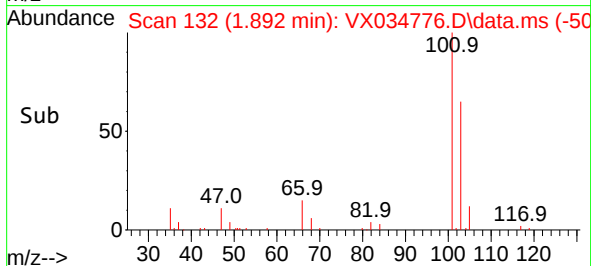
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Tgt Ion:101 Resp: 13674
Ion Ratio Lower Upper
101 100
103 65.4 52.1 78.1

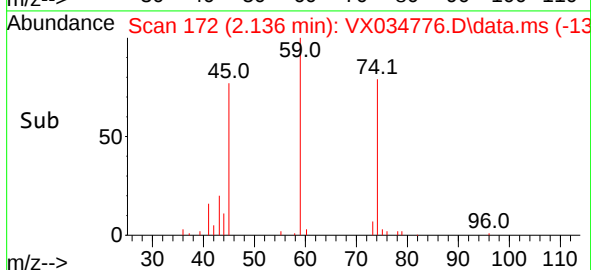
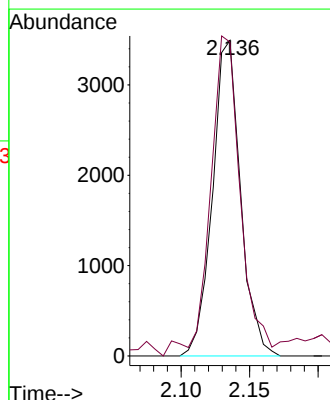
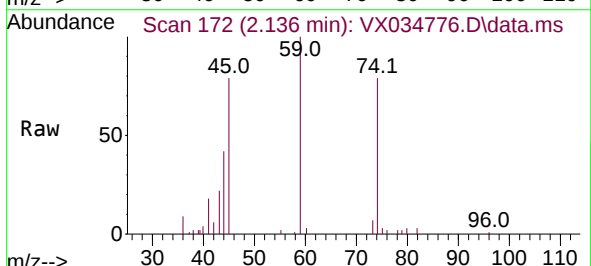
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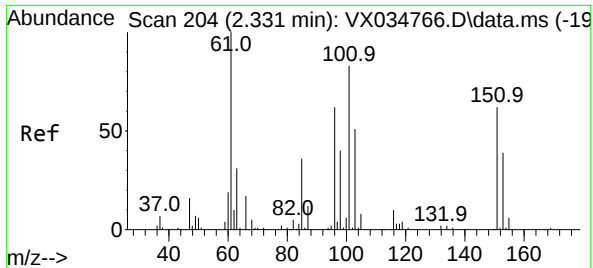
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#8
Diethyl Ether
Concen: 2.676 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Tgt Ion: 74 Resp: 4965
Ion Ratio Lower Upper
74 100
45 105.7 20.5 184.5





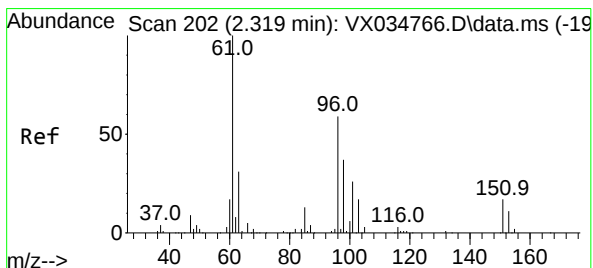
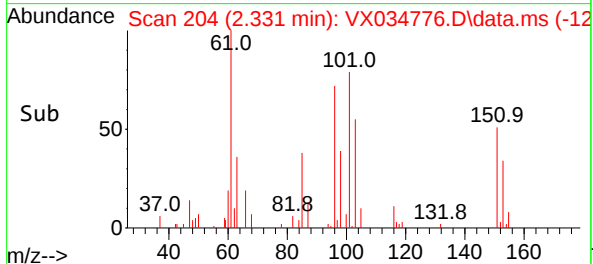
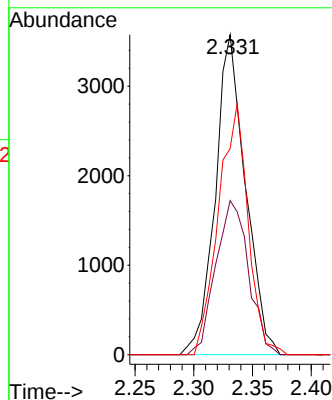
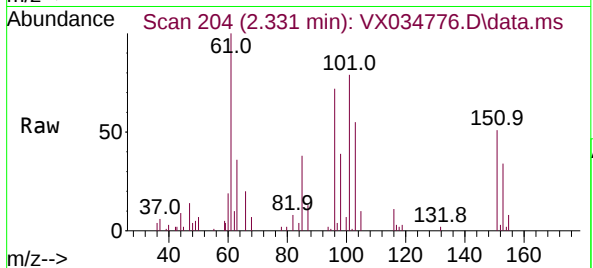
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.448 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034776.D
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ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:101 Resp: 640
Ion Ratio Lower Upper
101 100
85 52.4 0.0 88.8
151 76.4 0.0 147.6

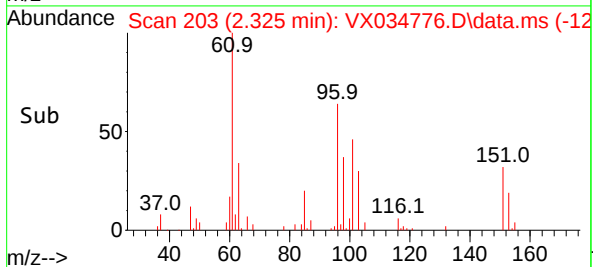
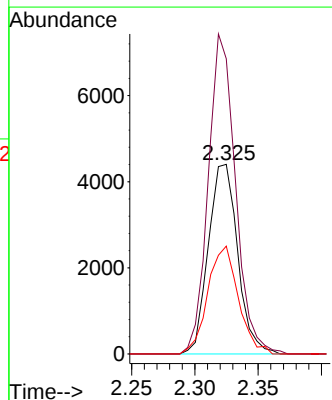
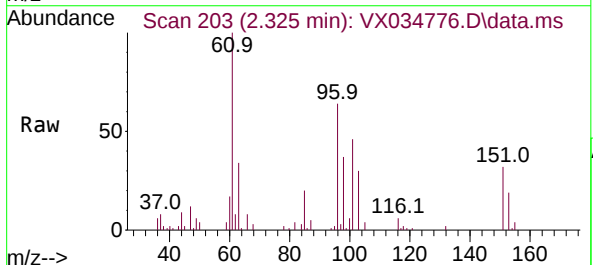
Manual Integrations
APPROVED

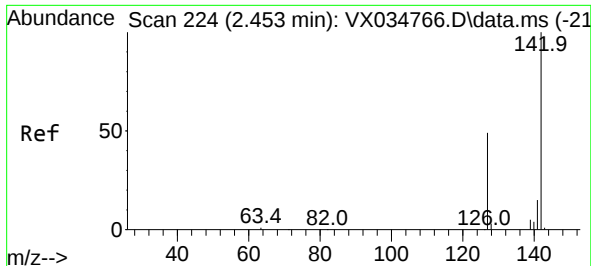
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#10
1,1-Dichloroethene
Concen: 2.684 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

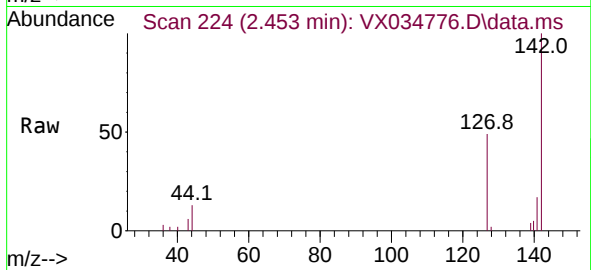
Tgt Ion: 96 Resp: 7105
Ion Ratio Lower Upper
96 100
61 155.7 135.8 203.6
98 56.9 49.8 74.6





#11
Methyl Iodide
Concen: 2.173 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

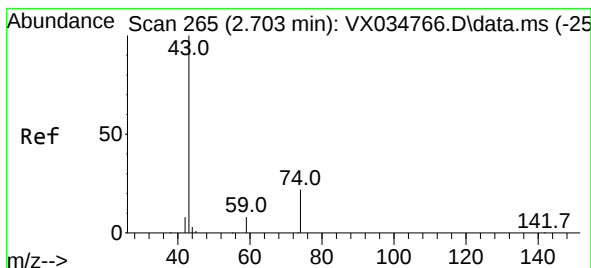
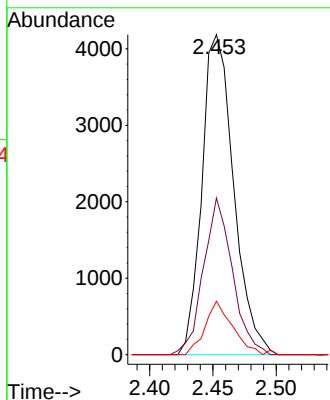
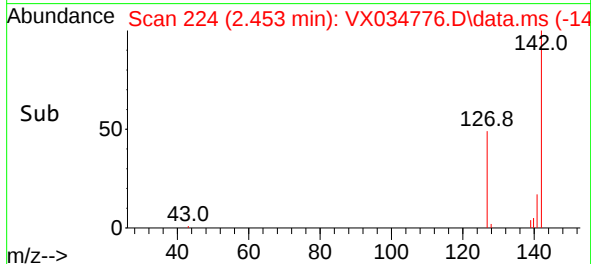
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:142 Resp: 732
Ion Ratio Lower Upper
142 100
127 48.3 24.5 73.5
141 16.7 7.6 22.8

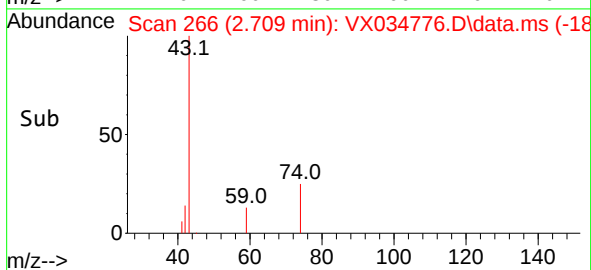
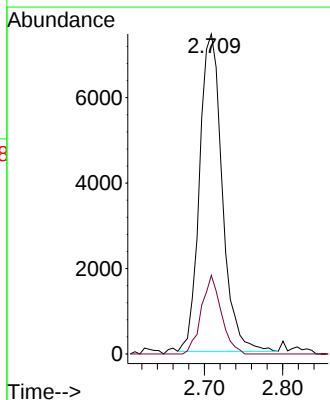
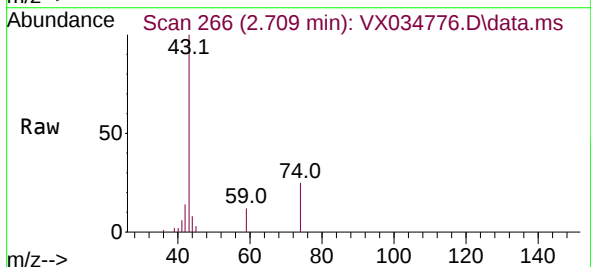
Manual Integrations
APPROVED

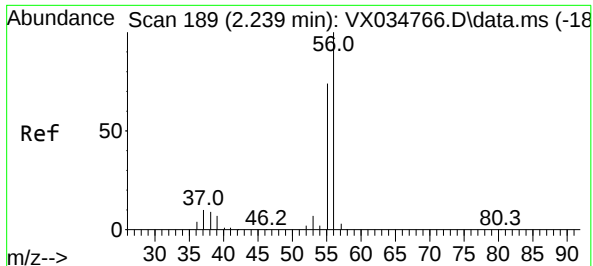
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#12
Methyl Acetate
Concen: 2.554 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

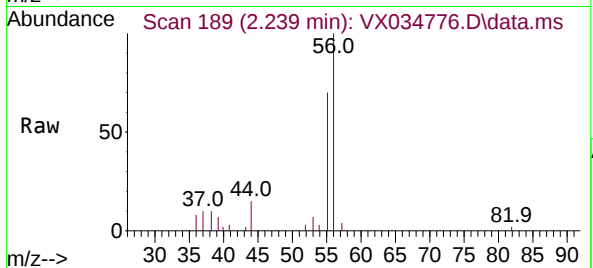
Tgt Ion: 43 Resp: 14970
Ion Ratio Lower Upper
43 100
74 24.7 18.0 27.0





#13
Acrolein
Concen: 13.530 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

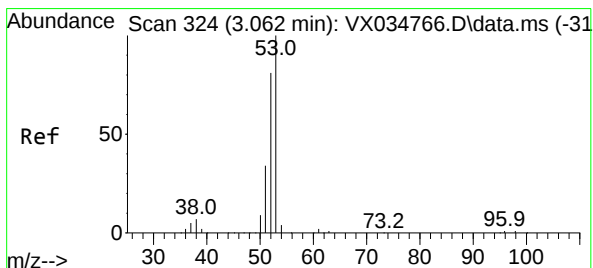
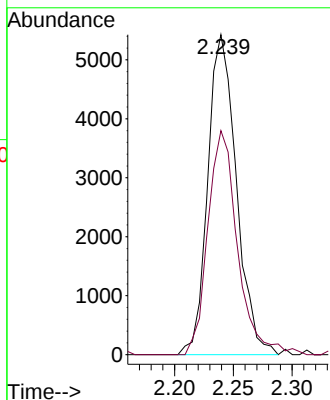
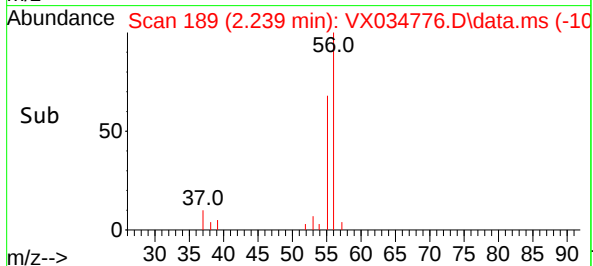
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 56 Resp: 9190
Ion Ratio Lower Upper
56 100
55 71.2 56.6 85.0

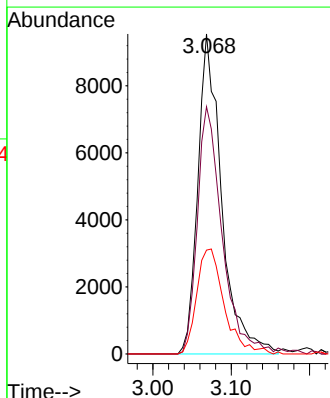
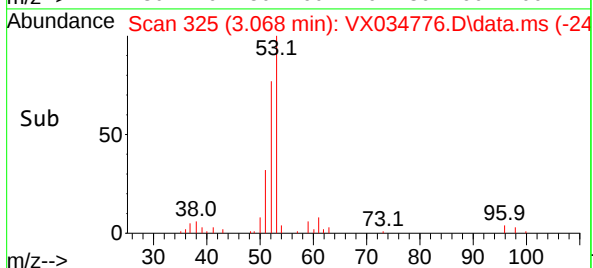
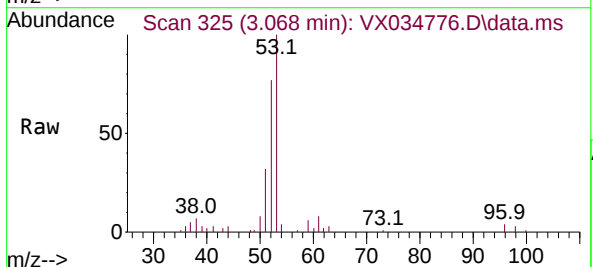
Manual Integrations
APPROVED

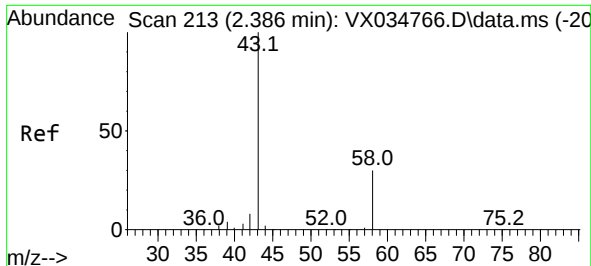
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#14
Acrylonitrile
Concen: 12.465 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Tgt Ion: 53 Resp: 20118
Ion Ratio Lower Upper
53 100
52 80.4 41.3 123.7
51 37.3 17.9 53.7





#15

Acetone

Concen: 13.468 ug/l

RT: 2.398 min Scan# 213

Delta R.T. 0.012 min

Lab File: VX034776.D

Acq: 28 Mar 2023 03:34

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 58 Resp: 590

Ion Ratio Lower Upper

58 100

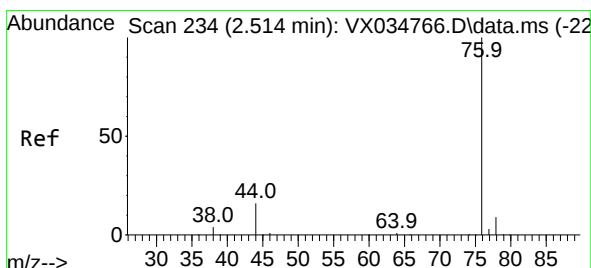
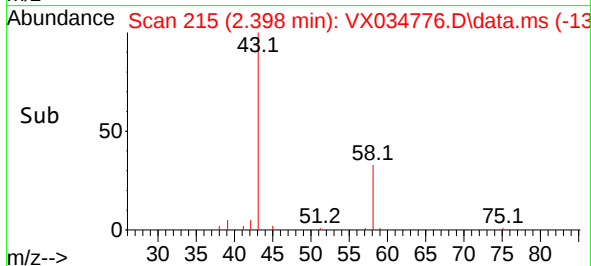
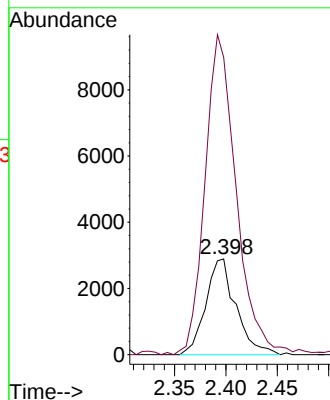
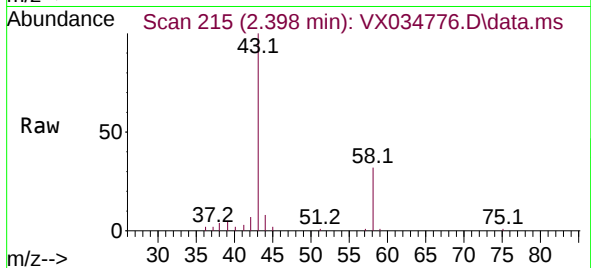
43 305.9 270.8 406.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#16

Carbon Disulfide

Concen: 2.438 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX034776.D

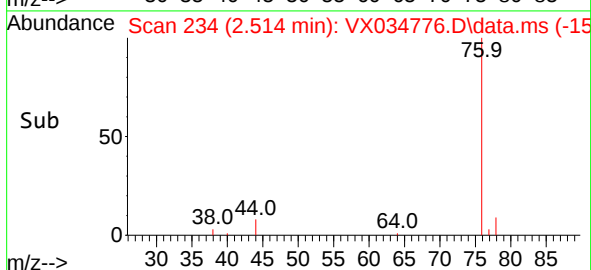
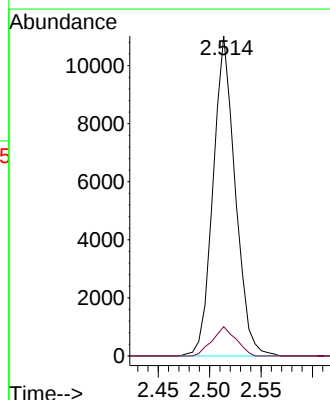
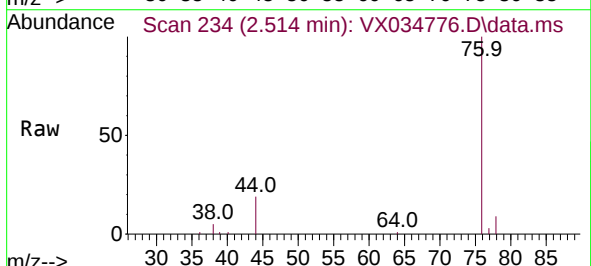
Acq: 28 Mar 2023 03:34

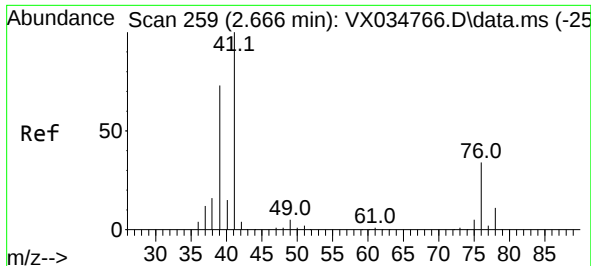
Tgt Ion: 76 Resp: 16504

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6





#17

Allyl chloride

Concen: 2.560 ug/l

RT: 2.672 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX034776.D

Acq: 28 Mar 2023 03:34

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

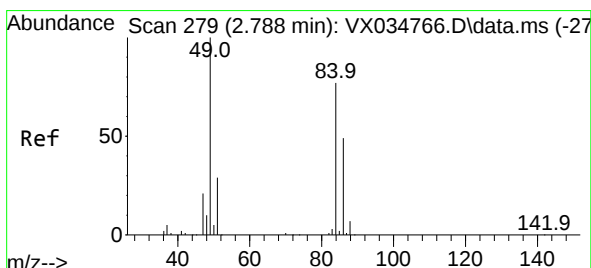
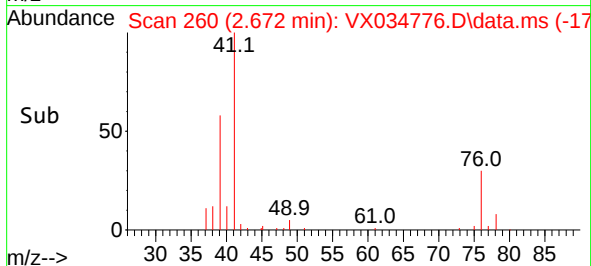
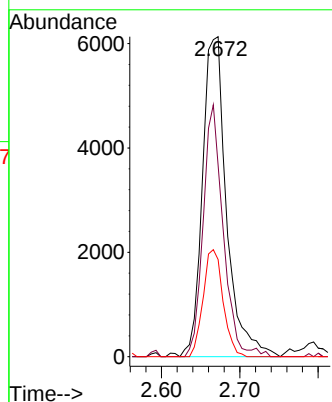
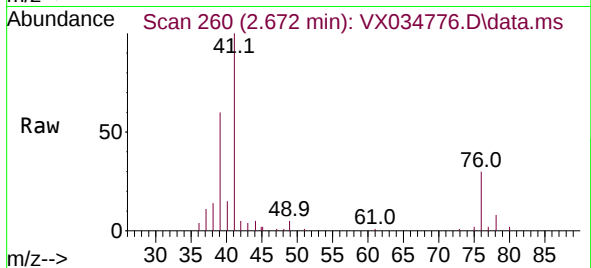
Tgt Ion: 41	Resp: 13109
Ion Ratio	Lower Upper
41 100	
39 59.8	36.4 109.3
76 30.3	17.0 51.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#18

Methylene Chloride

Concen: 2.856 ug/l

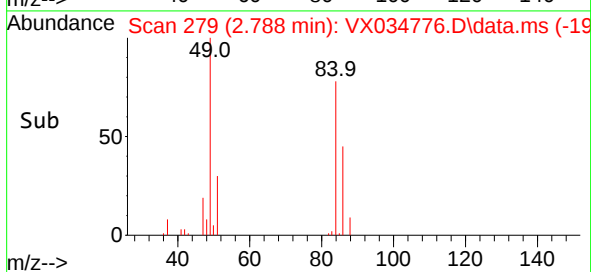
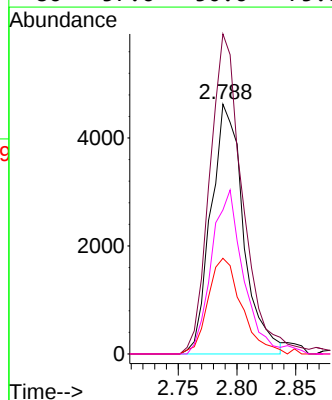
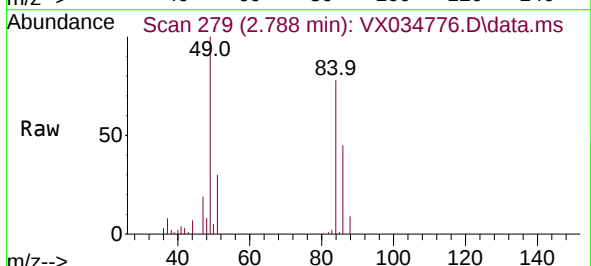
RT: 2.788 min Scan# 279

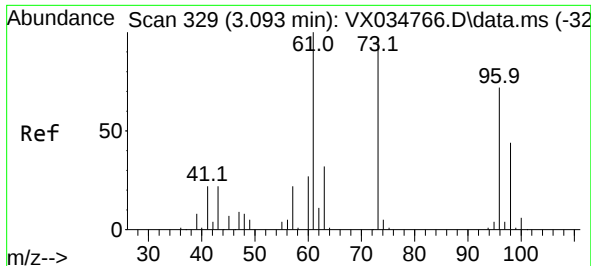
Delta R.T. 0.000 min

Lab File: VX034776.D

Acq: 28 Mar 2023 03:34

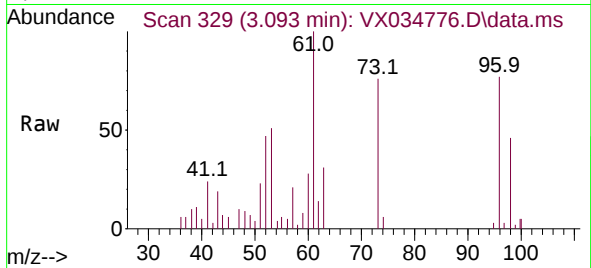
Tgt Ion: 84	Resp: 8905
Ion Ratio	Lower Upper
84 100	
49 128.1	103.9 155.9
51 38.3	30.6 45.8
86 57.6	50.6 75.8





#19
trans-1,2-Dichloroethene
Concen: 2.518 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

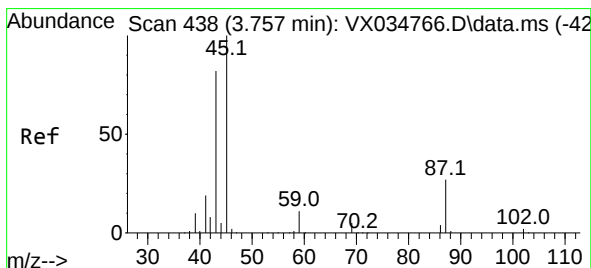
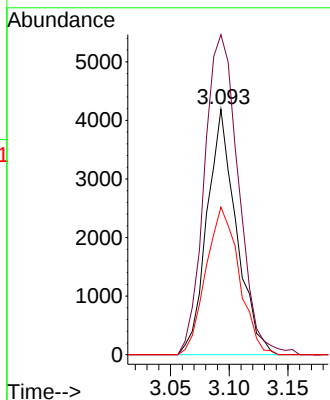
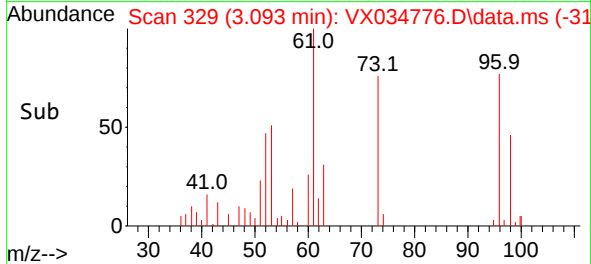
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 96 Resp: 7292
Ion Ratio Lower Upper
96 100
61 130.4 111.1 166.7
98 60.1 48.6 72.8

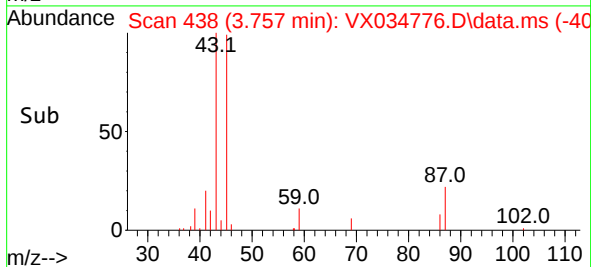
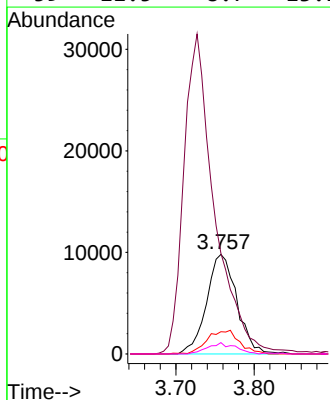
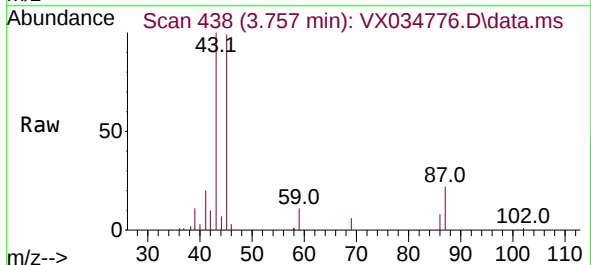
Manual Integrations
APPROVED

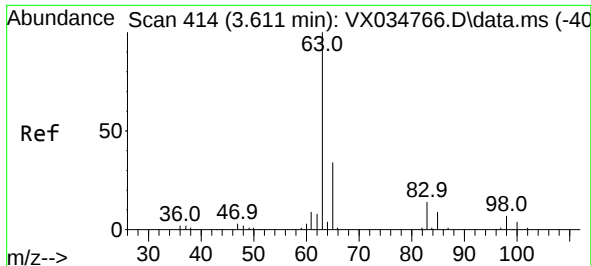
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#20
Diisopropyl ether
Concen: 2.501 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Tgt Ion: 45 Resp: 26242
Ion Ratio Lower Upper
45 100
43 97.0 66.0 99.0
87 22.3 21.8 32.6
59 11.5 8.7 13.1





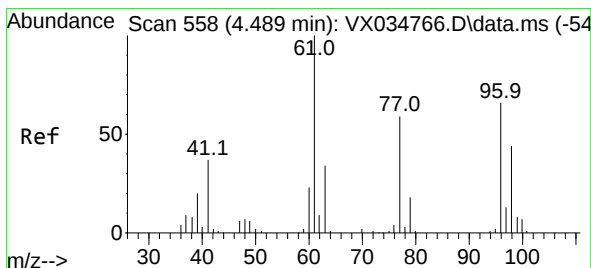
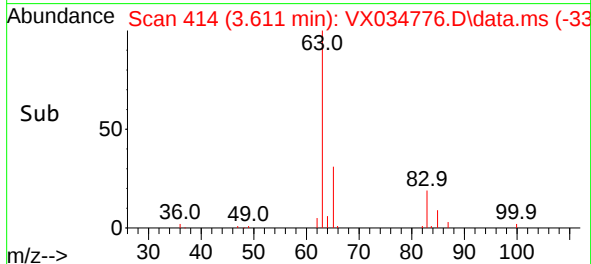
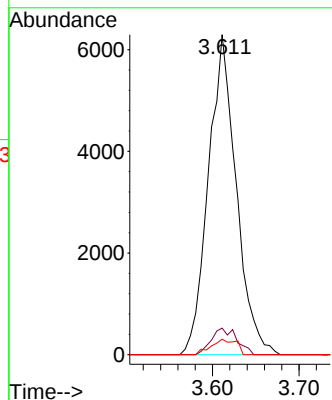
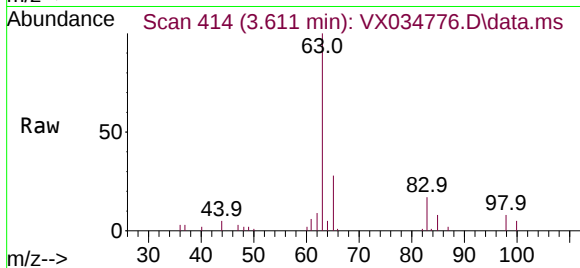
#21
1,1-Dichloroethane
Concen: 2.507 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 63 Resp: 14064
Ion Ratio Lower Upper
63 100
98 8.3 3.5 10.6
100 4.8 2.2 6.6

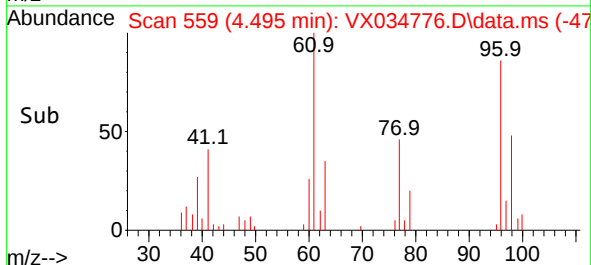
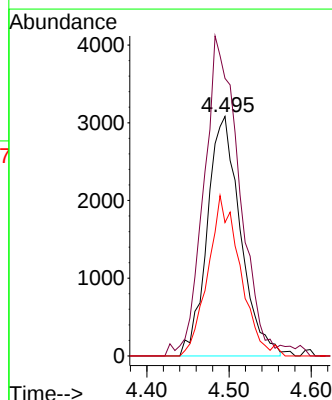
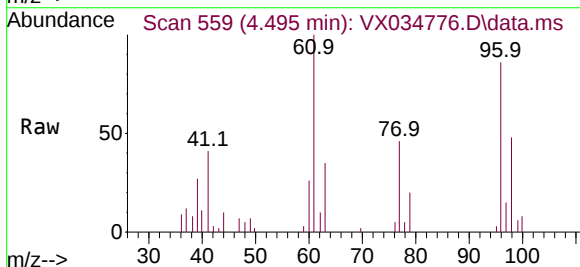
Manual Integrations
APPROVED

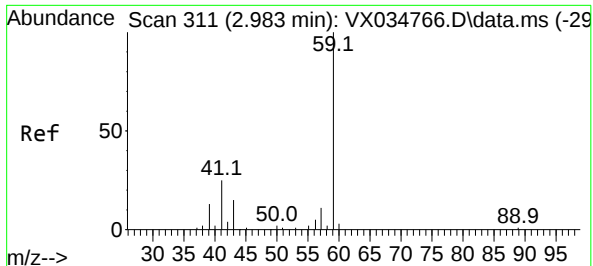
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#22
cis-1,2-Dichloroethene
Concen: 2.558 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Tgt Ion: 96 Resp: 8628
Ion Ratio Lower Upper
96 100
61 141.1 121.7 182.5
98 64.5 52.2 78.2





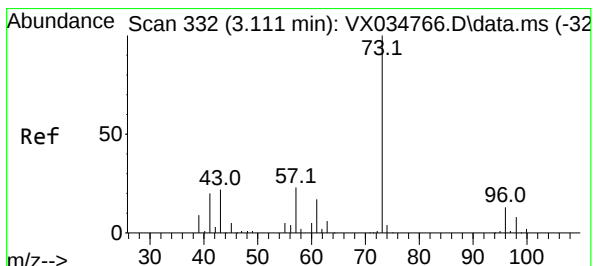
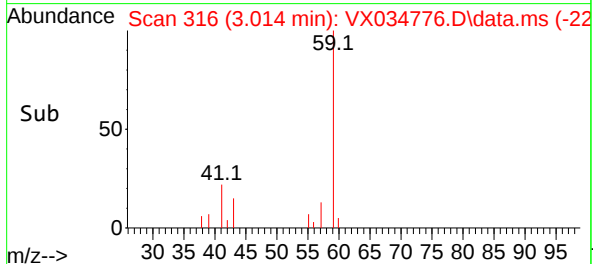
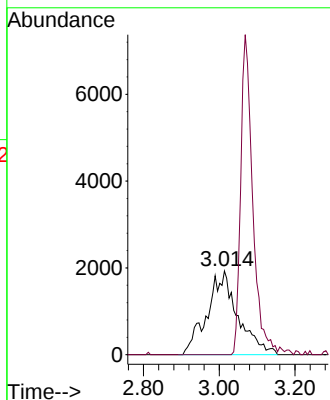
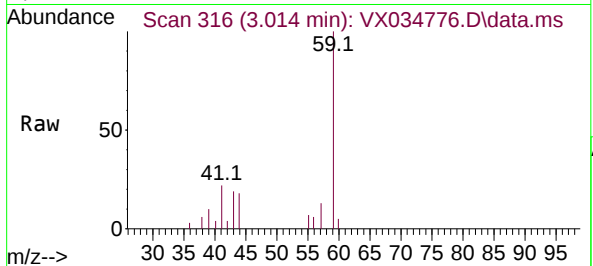
#23
tert-Butyl Alcohol
Concen: 14.973 ug/l m
RT: 3.014 min Scan# 311
Delta R.T. 0.030 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 59 Resp: 1087
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4

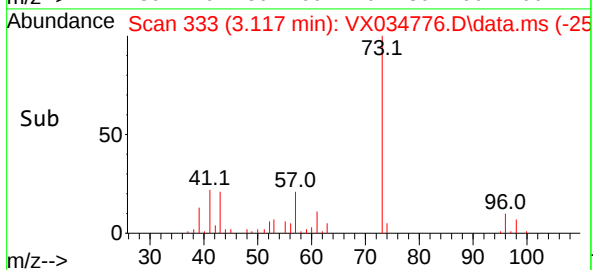
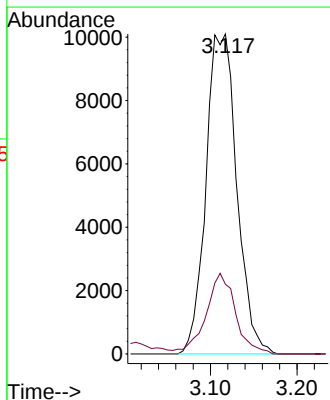
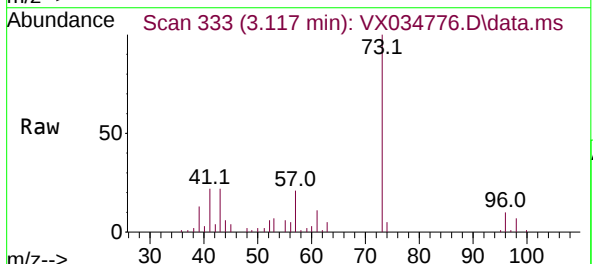
Manual Integrations
APPROVED

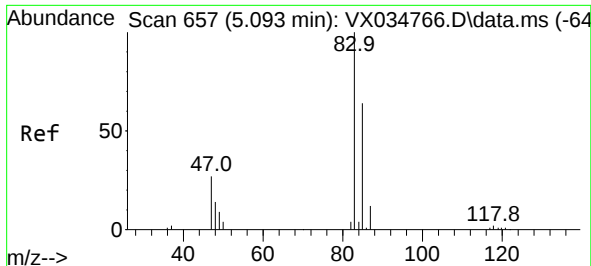
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#24
Methyl tert-Butyl Ether
Concen: 2.545 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Tgt Ion: 73 Resp: 25027
Ion Ratio Lower Upper
73 100
43 24.0 17.9 26.9





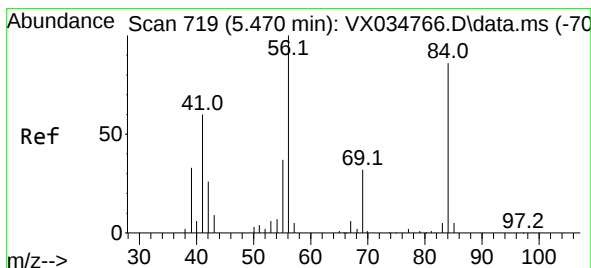
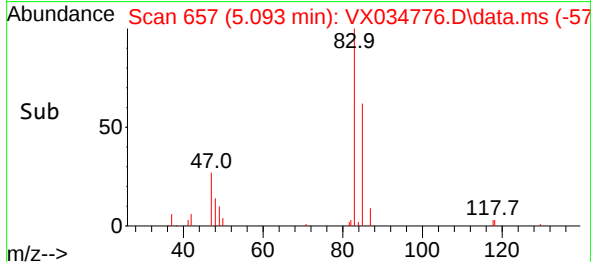
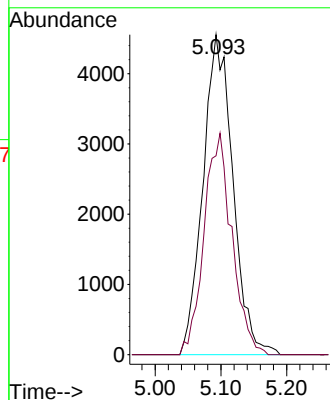
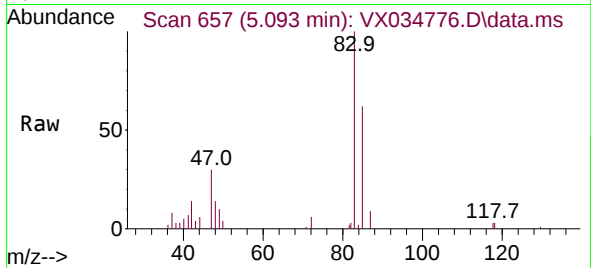
#25
Chloroform
Concen: 2.527 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 83 Resp: 14418
Ion Ratio Lower Upper
83 100
85 62.1 51.2 76.8

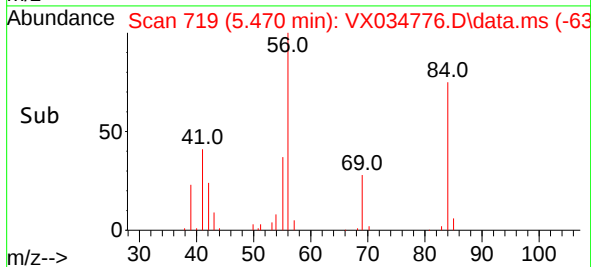
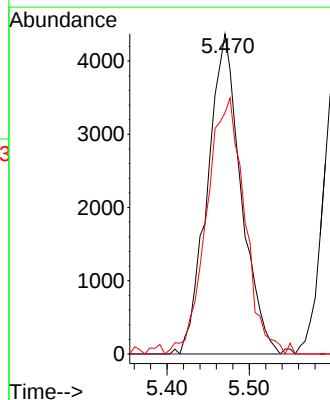
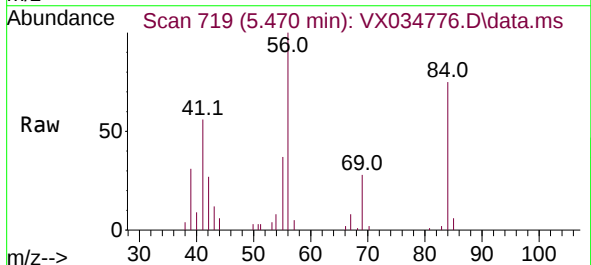
Manual Integrations
APPROVED

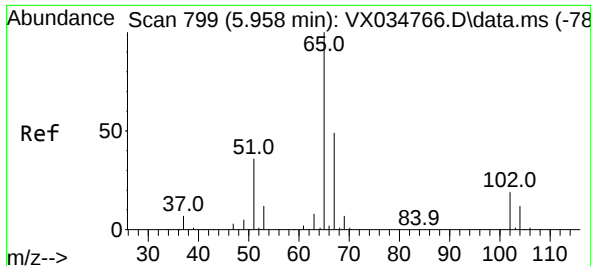
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#26
Cyclohexane
Concen: 2.523 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Tgt Ion: 56 Resp: 12406
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.2 67.4 101.2





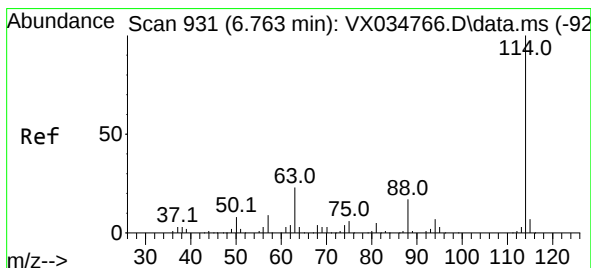
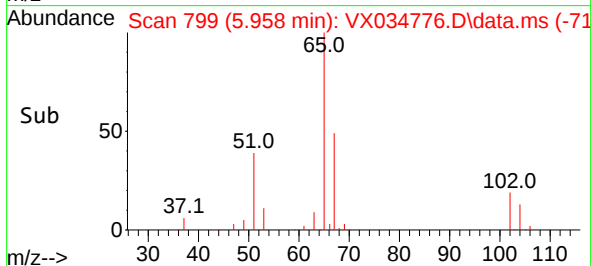
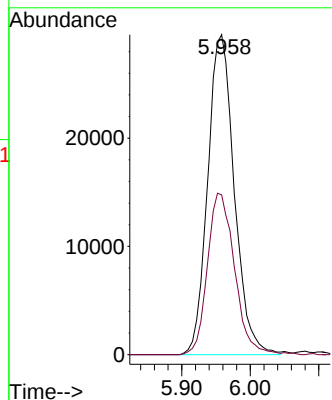
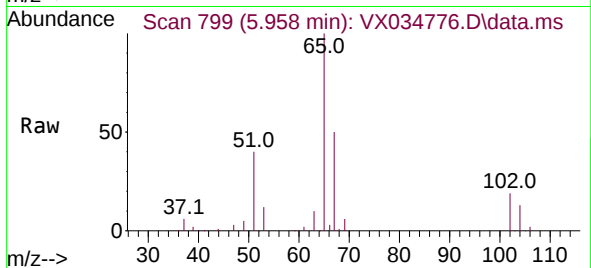
#27
1,2-Dichloroethane-d4
Concen: 31.123 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 65 Resp: 7973
Ion Ratio Lower Upper
65 100
67 51.2 40.9 61.3

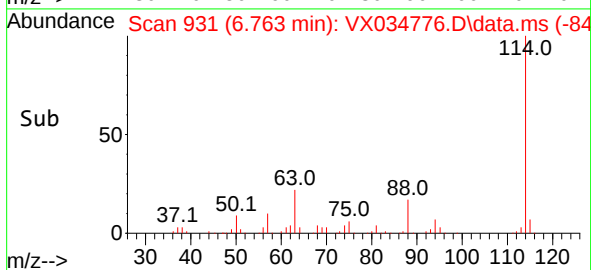
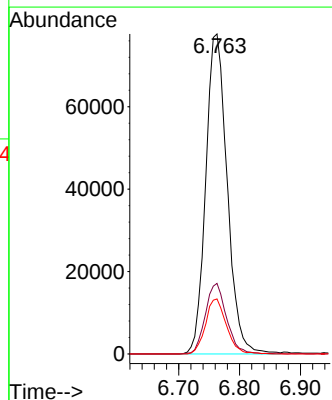
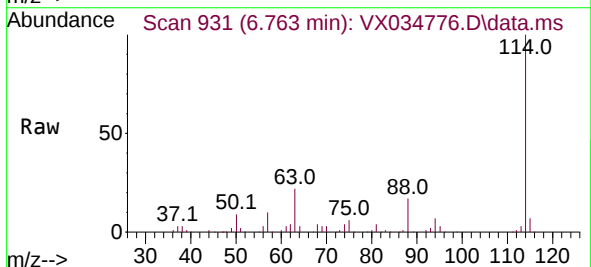
Manual Integrations
APPROVED

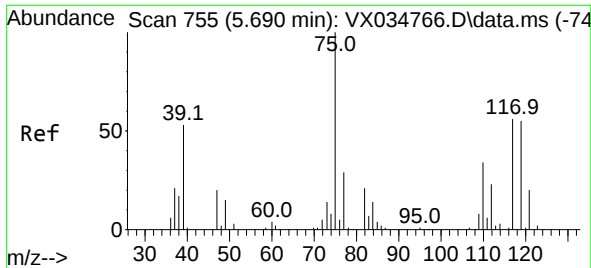
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Tgt Ion:114 Resp: 190277
Ion Ratio Lower Upper
114 100
63 21.8 18.0 27.0
88 16.7 13.3 19.9





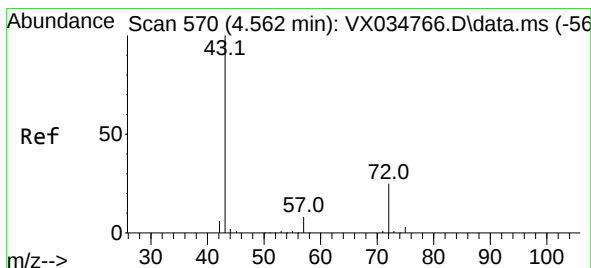
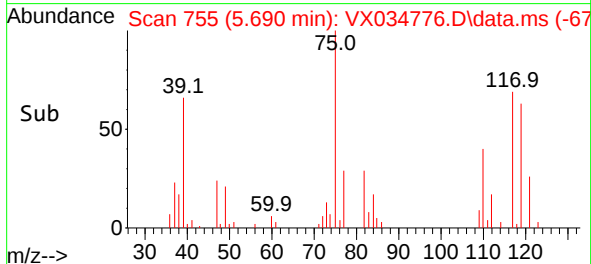
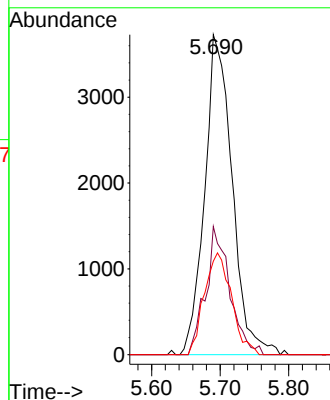
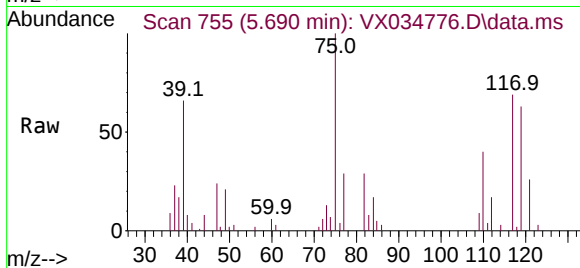
#29
1,1-Dichloropropene
Concen: 2.377 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 75	Resp: 1040
Ion Ratio	Lower Upper
75 100	
110 34.7	0.0 71.4
77 31.4	0.0 61.6

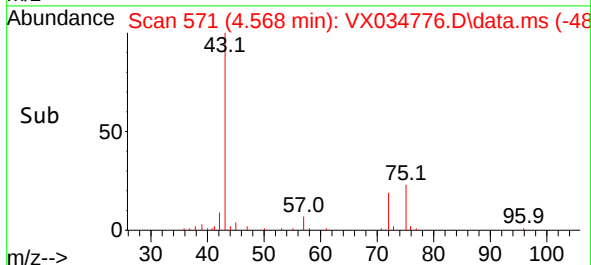
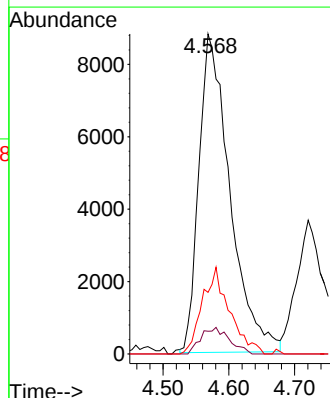
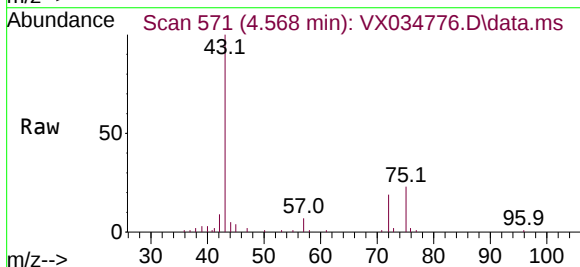
Manual Integrations
APPROVED

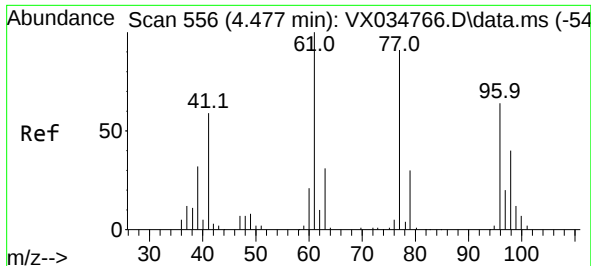
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#30
2-Butanone
Concen: 11.829 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Tgt Ion: 43	Resp: 28870
Ion Ratio	Lower Upper
43 100	
57 2.7	6.3 9.5#
72 7.7	19.6 29.4#





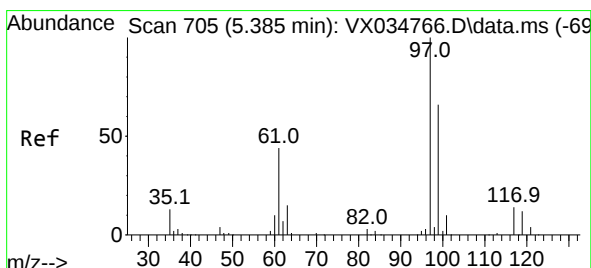
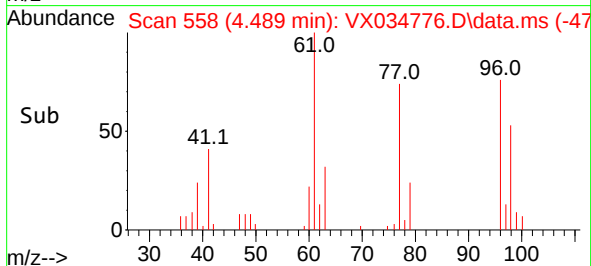
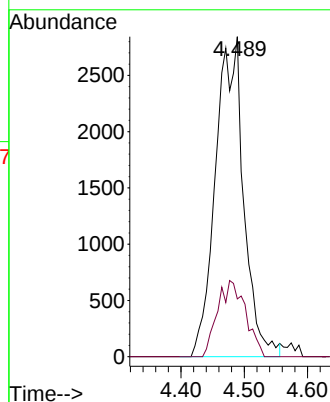
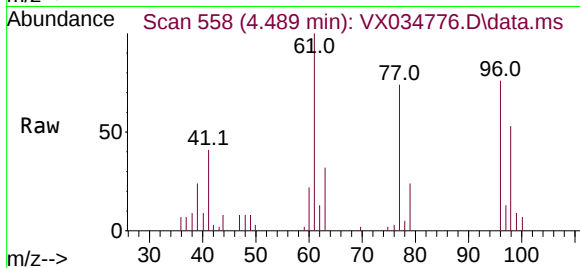
#31
2,2-Dichloropropane
Concen: 1.981 ug/l m
RT: 4.489 min Scan# 558
Delta R.T. 0.012 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 77 Resp: 879
Ion Ratio Lower Upper
77 100
97 16.4 18.2 27.4

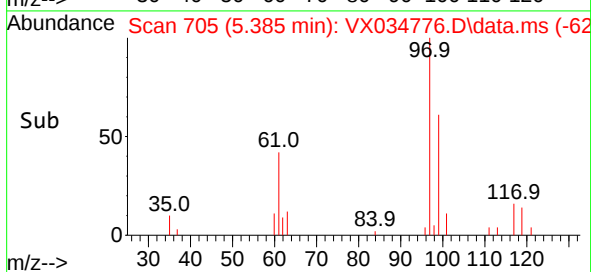
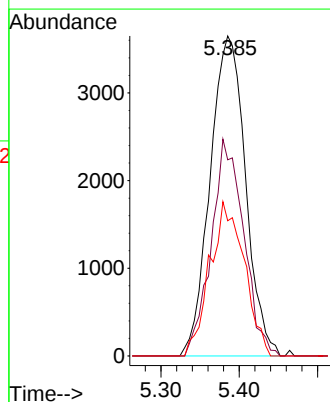
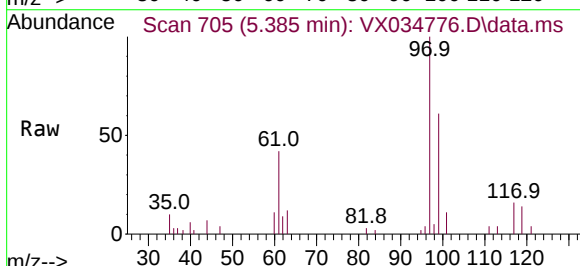
Manual Integrations
APPROVED

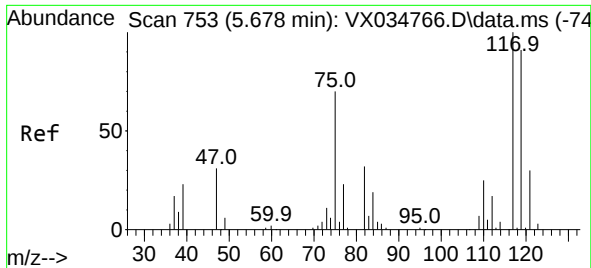
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#32
1,1,1-Trichloroethane
Concen: 2.236 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

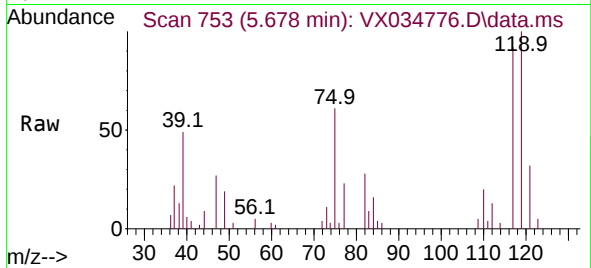
Tgt Ion: 97 Resp: 11479
Ion Ratio Lower Upper
97 100
99 61.9 51.3 76.9
61 35.3 36.6 55.0





#33
Carbon Tetrachloride
Concen: 2.138 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

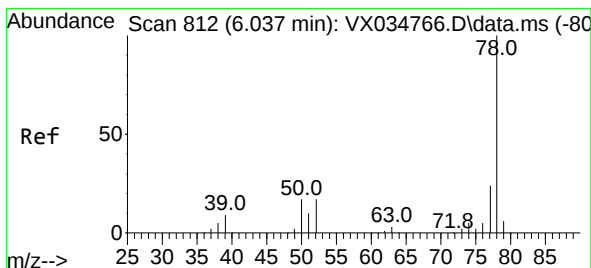
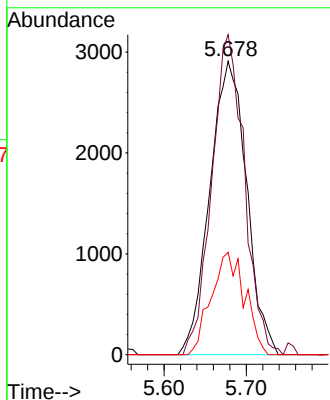
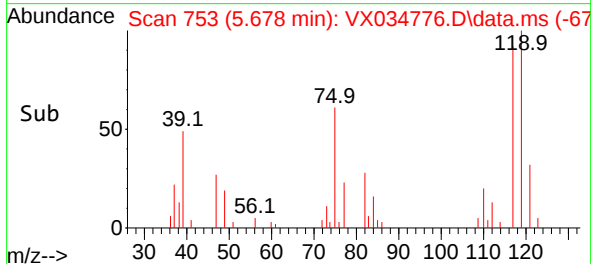
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



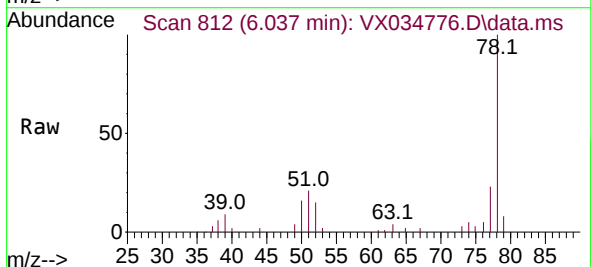
Tgt Ion: 117 Resp: 9059
Ion Ratio Lower Upper
117 100
119 109.1 73.3 109.9
121 34.9 24.0 36.0

Manual Integrations
APPROVED

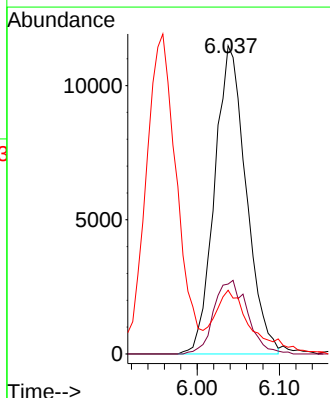
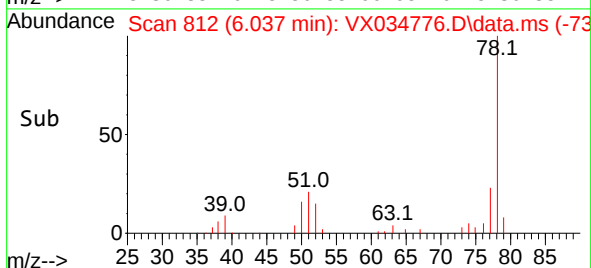
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

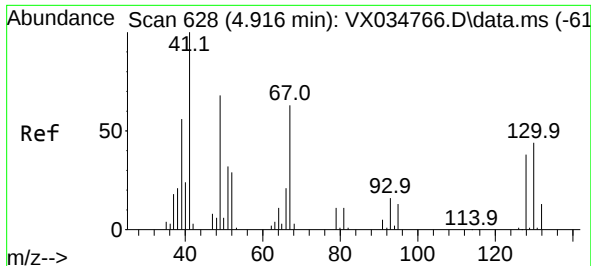


#34
Benzene
Concen: 2.407 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34



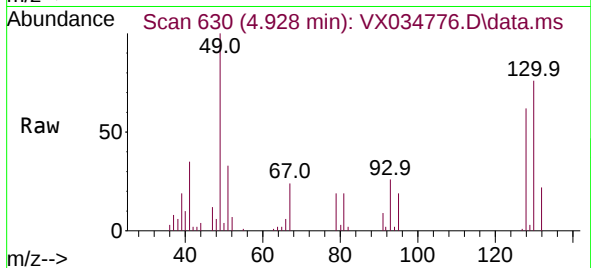
Tgt Ion: 78 Resp: 30609
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4
51 15.8 14.6 21.8





#35
Methacrylonitrile
Concen: 2.418 ug/l
RT: 4.928 min Scan# 610
Delta R.T. 0.012 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

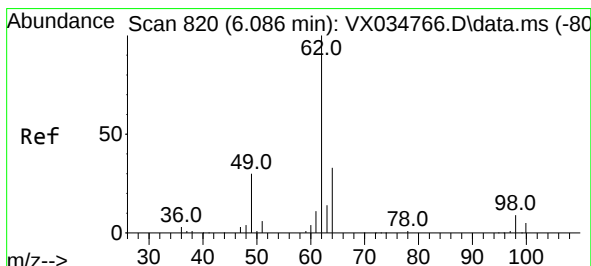
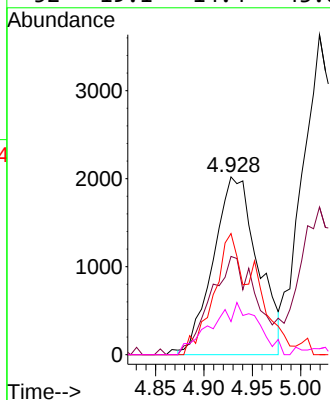
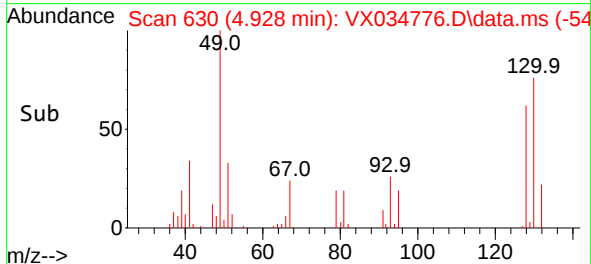
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 41 Resp: 6460
Ion Ratio Lower Upper
41 100
39 56.7 28.0 84.0
67 69.9 31.6 94.7
52 19.1 14.4 43.0

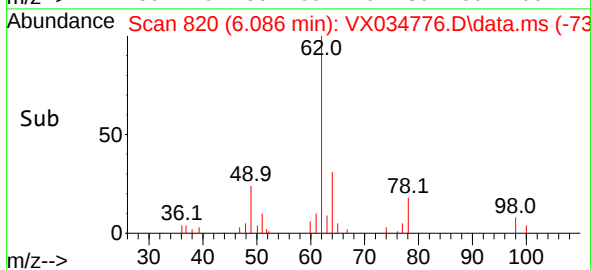
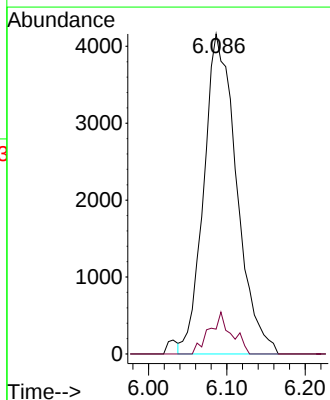
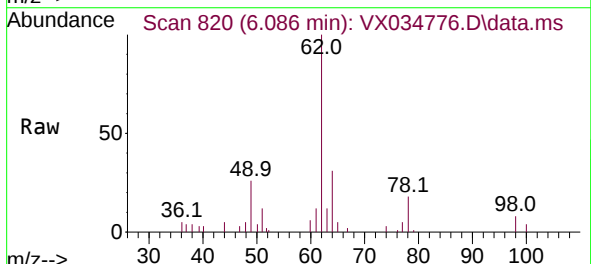
Manual Integrations
APPROVED

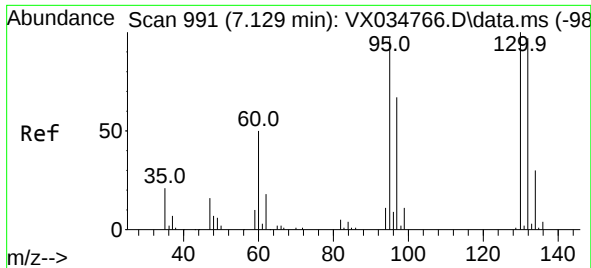
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#36
1,2-Dichloroethane
Concen: 2.425 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

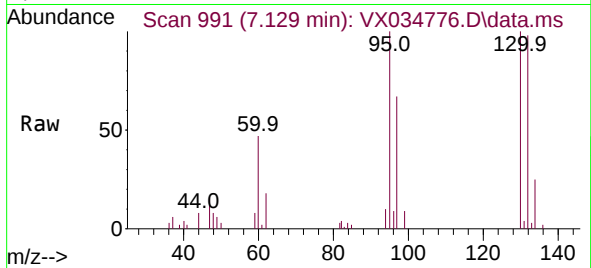
Tgt Ion: 62 Resp: 12091
Ion Ratio Lower Upper
62 100
98 4.0 7.0 10.6#





#37
Trichloroethene
Concen: 2.444 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

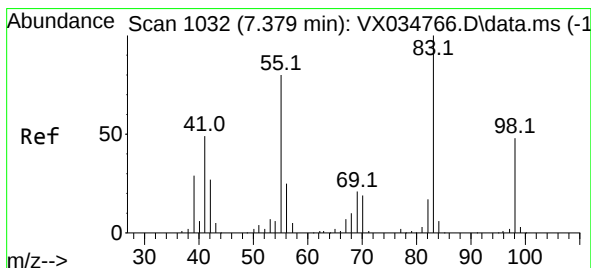
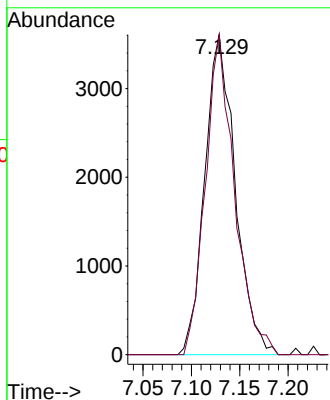
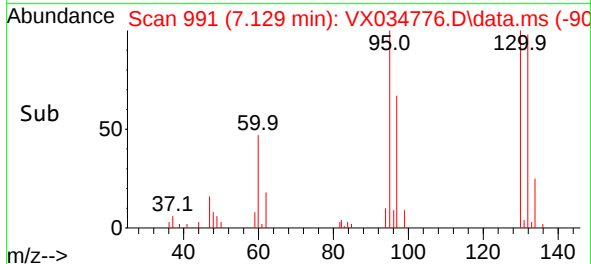
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



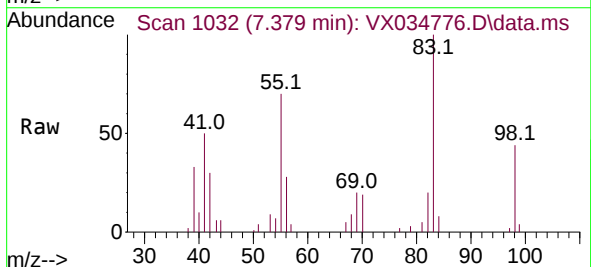
Tgt Ion:130 Resp: 791
Ion Ratio Lower Upper
130 100
95 99.8 77.8 116.6

Manual Integrations
APPROVED

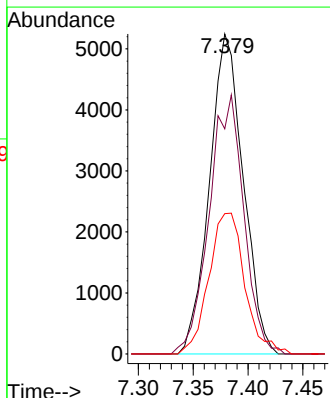
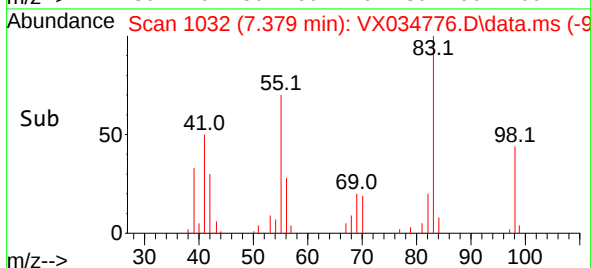
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

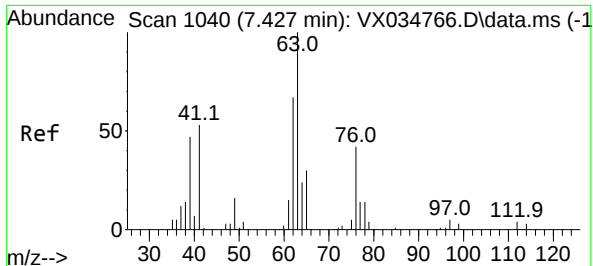


#38
Methylcyclohexane
Concen: 2.352 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34



Tgt Ion: 83 Resp: 11247
Ion Ratio Lower Upper
83 100
55 82.9 38.8 116.4
98 46.8 23.8 71.2





#39

1,2-Dichloropropane

Concen: 2.371 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX034776.D

Acq: 28 Mar 2023 03:34

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 63 Resp: 7839

Ion Ratio Lower Upper

63 100

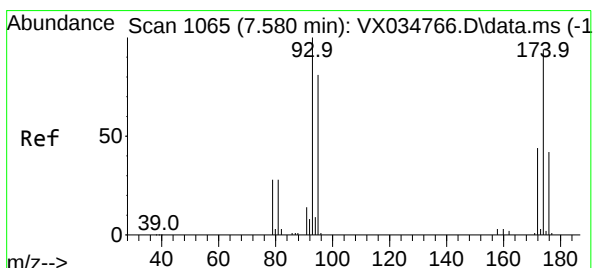
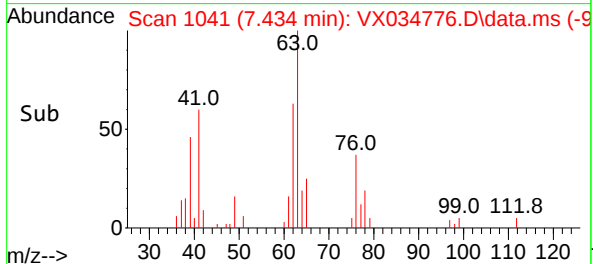
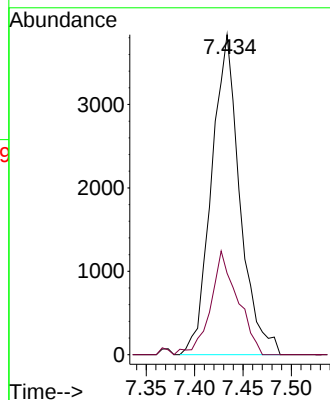
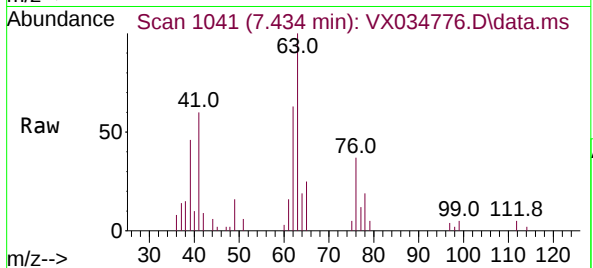
65 25.5 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#40

Dibromomethane

Concen: 2.462 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034776.D

Acq: 28 Mar 2023 03:34

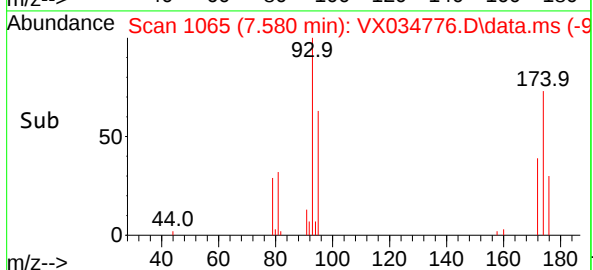
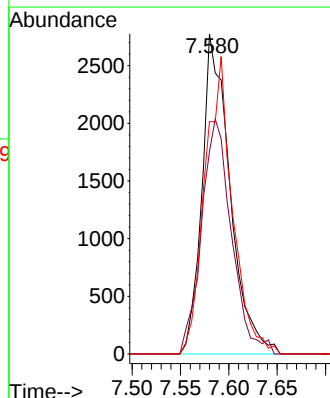
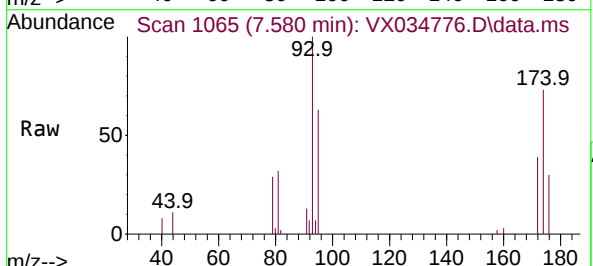
Tgt Ion: 93 Resp: 5592

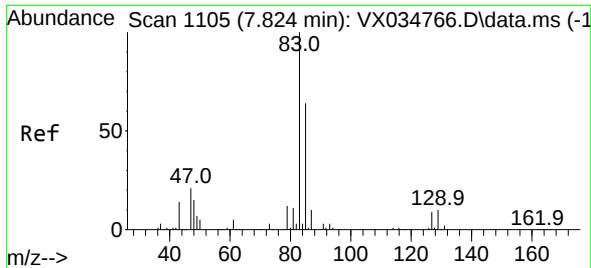
Ion Ratio Lower Upper

93 100

95 77.4 0.0 165.8

174 91.3 0.0 188.8





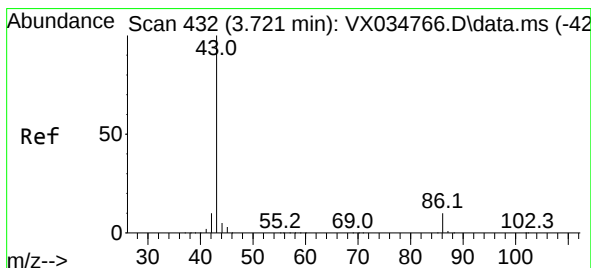
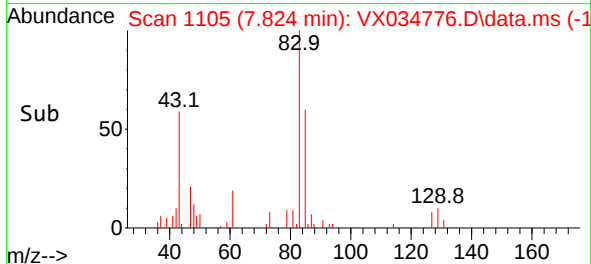
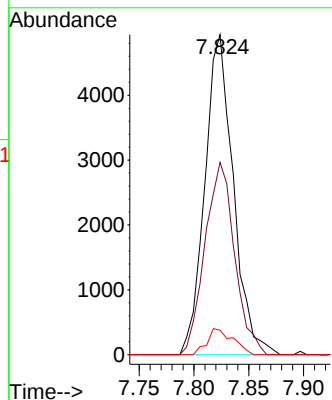
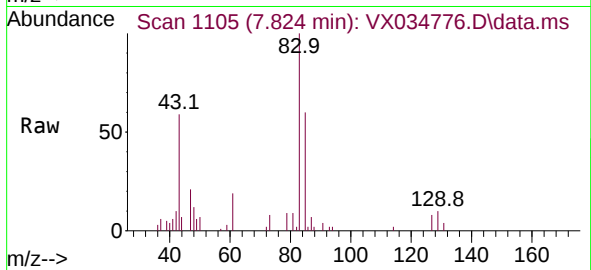
#41
Bromodichloromethane
Concen: 2.083 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 83 Resp: 891
Ion Ratio Lower Upper
83 100
85 60.1 51.1 76.7
127 7.7 8.2 12.4

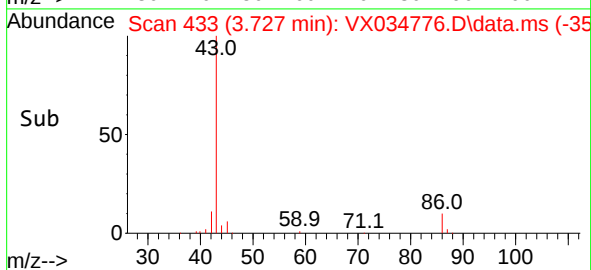
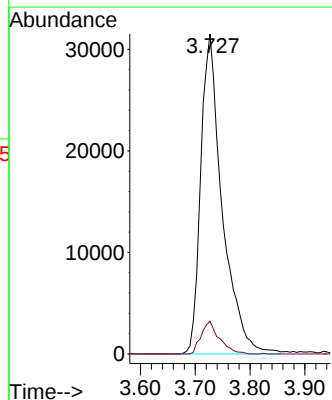
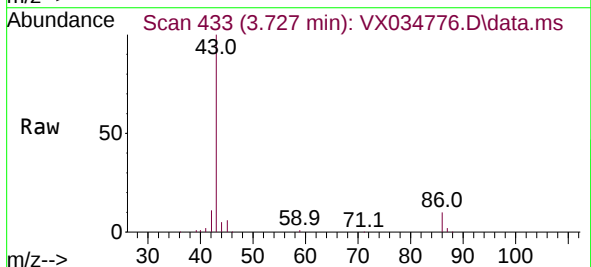
Manual Integrations
APPROVED

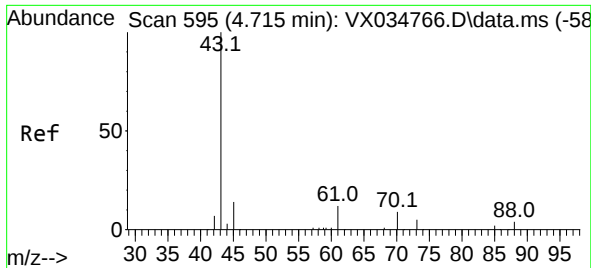
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#42
Vinyl Acetate
Concen: 10.775 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

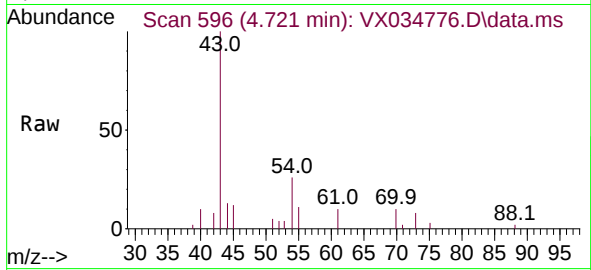
Tgt Ion: 43 Resp: 85790
Ion Ratio Lower Upper
43 100
86 8.6 6.9 10.3





#43
Ethyl Acetate
Concen: 2.041 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

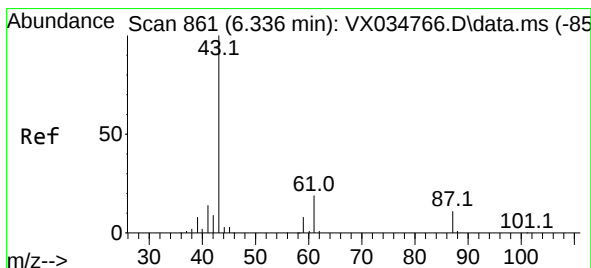
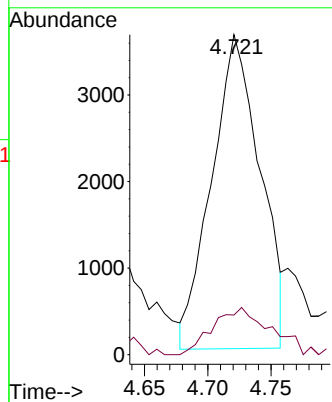
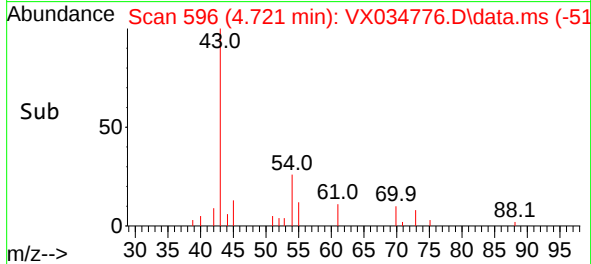
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 43 Resp: 9662
Ion Ratio Lower Upper
43 100
45 8.3 12.0 18.0

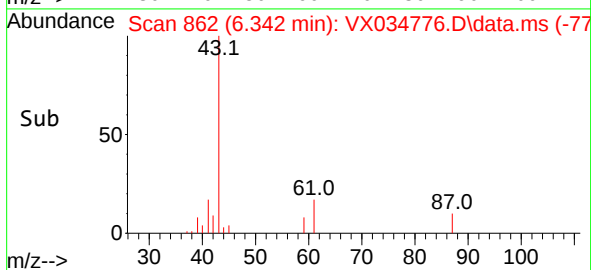
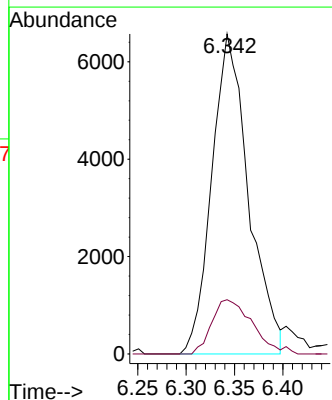
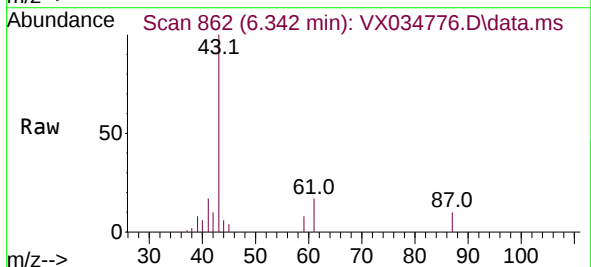
Manual Integrations
APPROVED

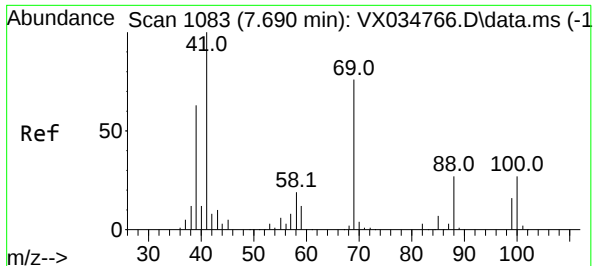
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#44
Isopropyl Acetate
Concen: 2.166 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Tgt Ion: 43 Resp: 17357
Ion Ratio Lower Upper
43 100
61 18.3 15.4 23.0





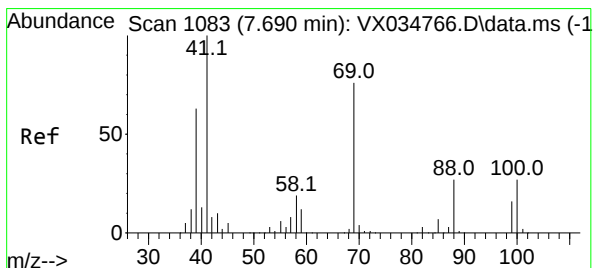
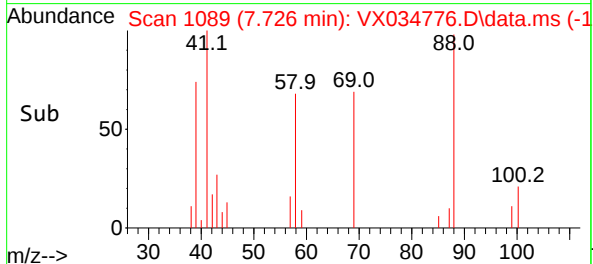
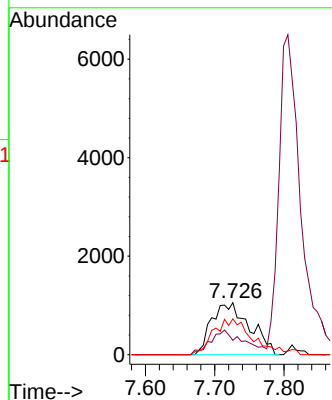
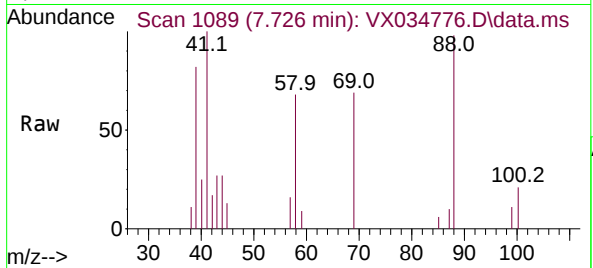
#45
1,4-Dioxane
Concen: 50.261 ug/l m
RT: 7.726 min Scan# 1089
Delta R.T. 0.037 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 88 Resp: 3990
Ion Ratio Lower Upper
88 100
43 39.0 26.5 39.7
58 3.4 55.6 83.4

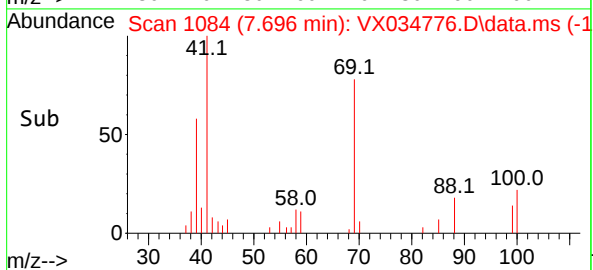
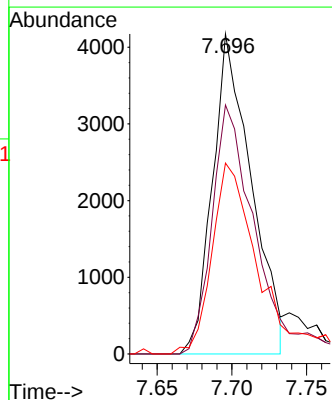
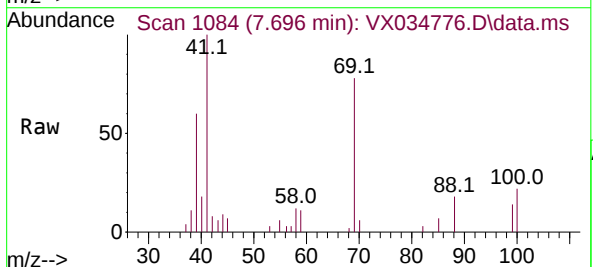
Manual Integrations
APPROVED

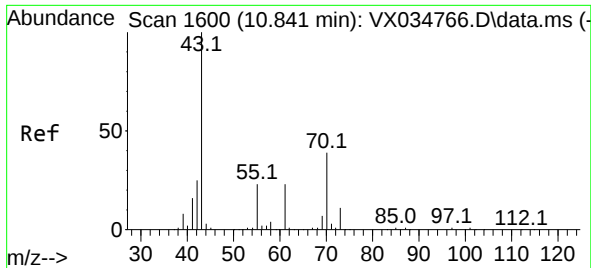
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#46
Methyl methacrylate
Concen: 1.929 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

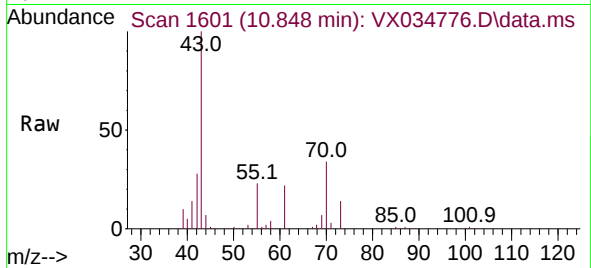
Tgt Ion: 41 Resp: 7530
Ion Ratio Lower Upper
41 100
69 77.8 38.1 114.5
39 57.6 31.4 94.3





#47
n-amy1 Acetate
Concen: 1.742 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

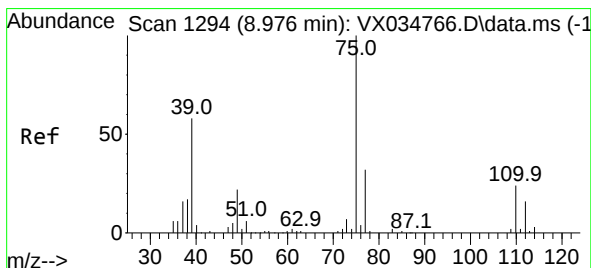
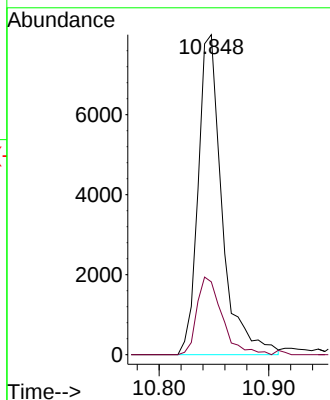
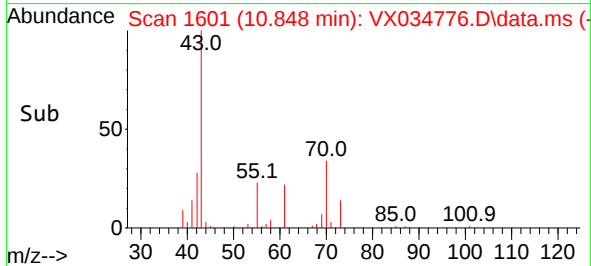
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 43 Resp: 1213
Ion Ratio Lower Upper
43 100
55 25.5 18.6 28.0

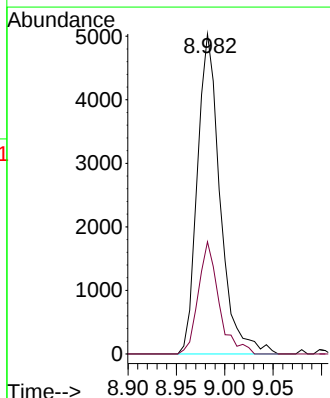
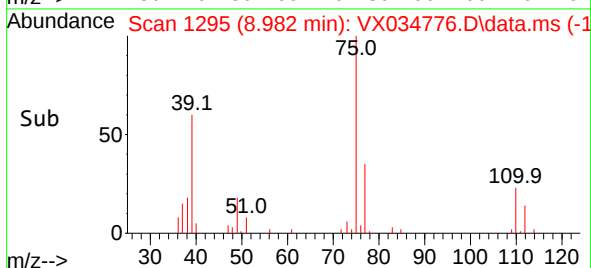
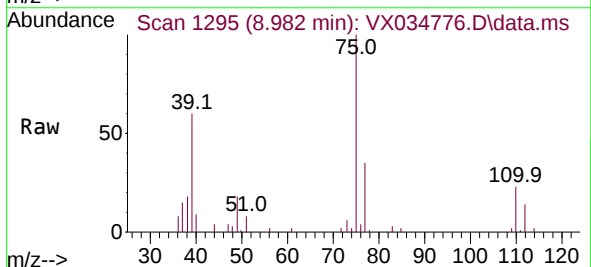
Manual Integrations
APPROVED

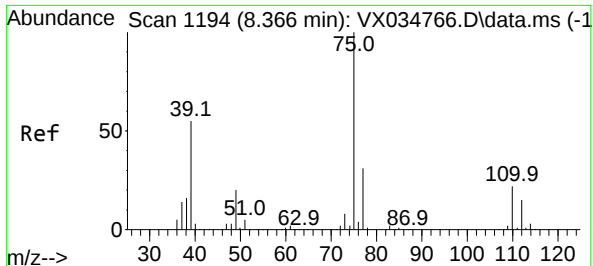
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#48
t-1,3-Dichloropropene
Concen: 1.776 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Tgt Ion: 75 Resp: 8276
Ion Ratio Lower Upper
75 100
77 35.1 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 1.915 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX034776.D

Acq: 28 Mar 2023 03:34

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

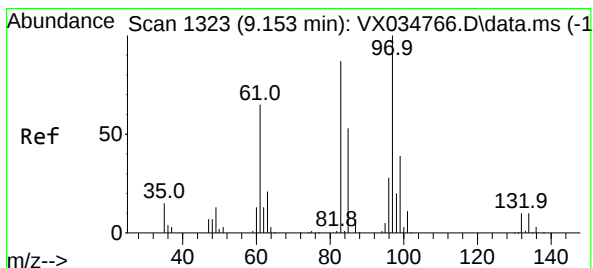
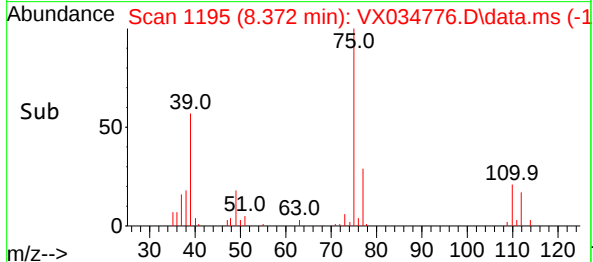
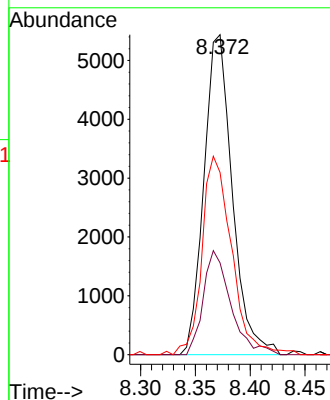
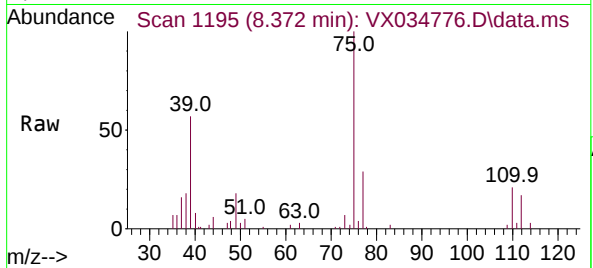
Tgt Ion:	75	Resp:	980
Ion	Ratio	Lower	Upper
75	100		
77	28.7	24.6	37.0
39	55.6	44.2	66.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#50

1,1,2-Trichloroethane

Concen: 2.356 ug/l

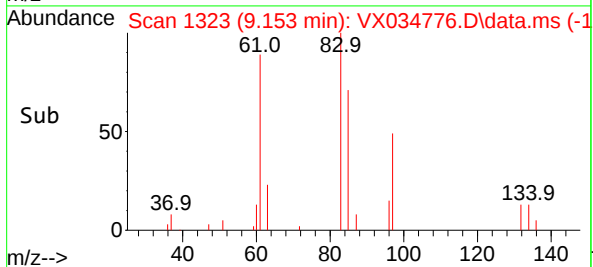
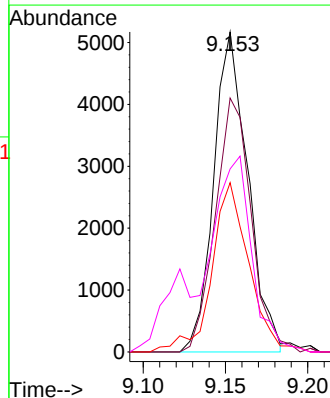
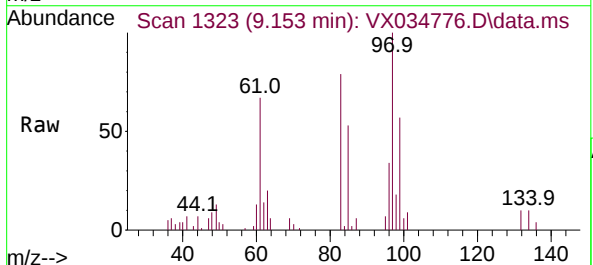
RT: 9.153 min Scan# 1323

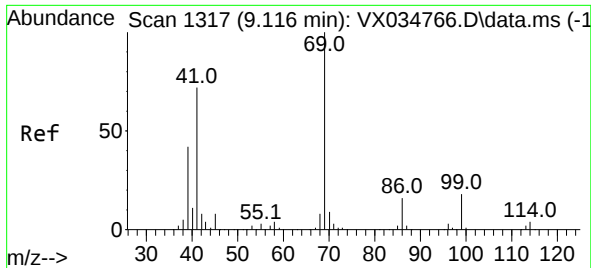
Delta R.T. 0.000 min

Lab File: VX034776.D

Acq: 28 Mar 2023 03:34

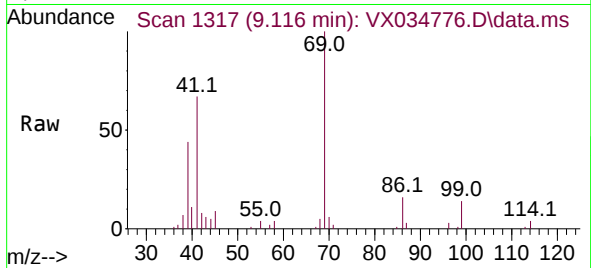
Tgt Ion:	97	Resp:	7455
Ion	Ratio	Lower	Upper
97	100		
83	79.3	68.9	103.3
85	51.0	44.0	66.0
99	54.0	49.0	73.4





#51
Ethyl methacrylate
Concen: 1.996 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

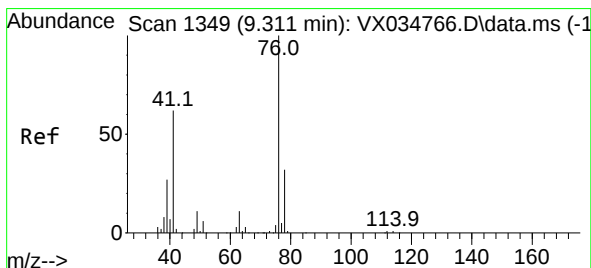
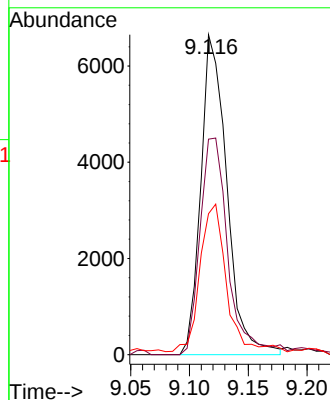
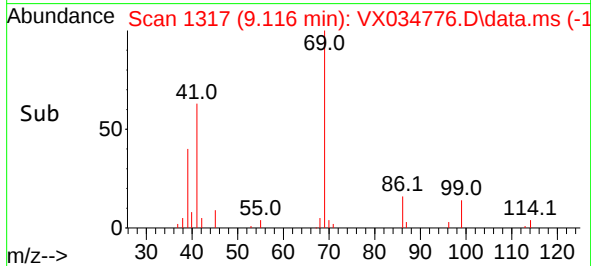
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 69 Resp: 1024
Ion Ratio Lower Upper
69 100
41 67.4 36.2 108.6
39 42.0 21.2 63.6

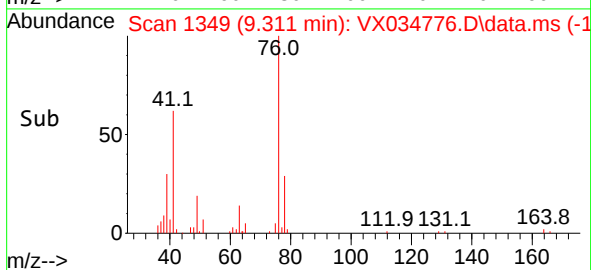
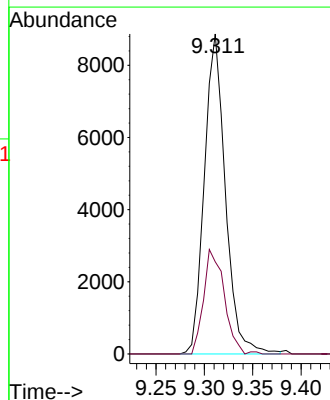
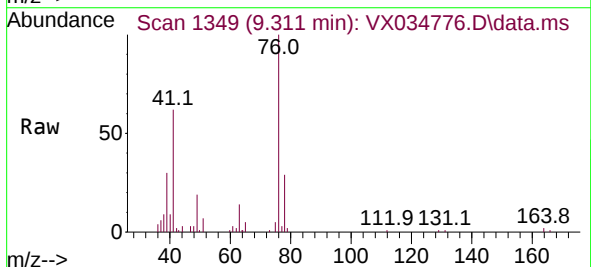
Manual Integrations
APPROVED

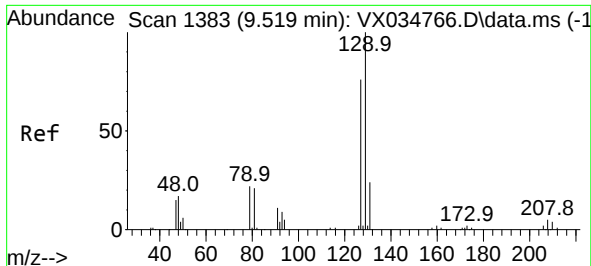
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#52
1,3-Dichloropropane
Concen: 2.402 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Tgt Ion: 76 Resp: 13425
Ion Ratio Lower Upper
76 100
78 31.8 0.0 63.8





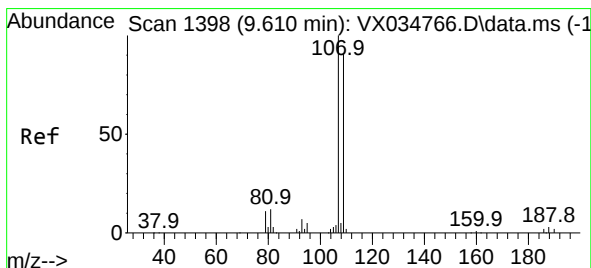
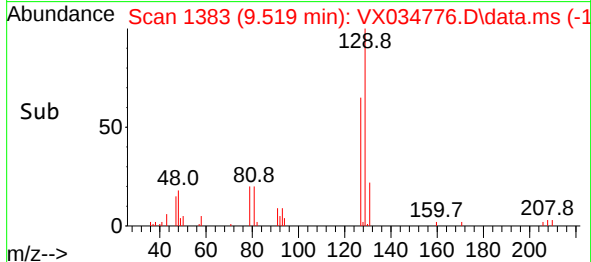
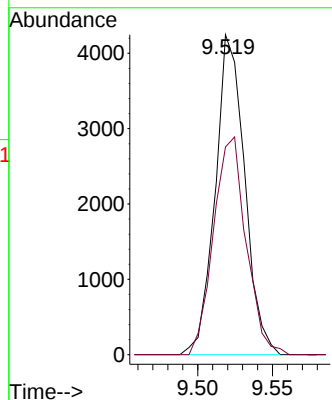
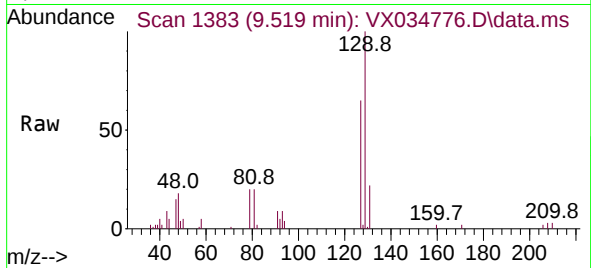
#53
Dibromochloromethane
Concen: 1.860 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:129 Resp: 582
Ion Ratio Lower Upper
129 100
127 75.1 39.1 117.5

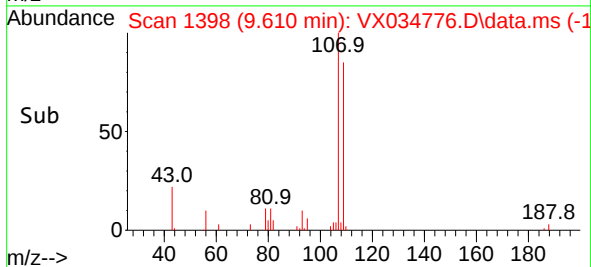
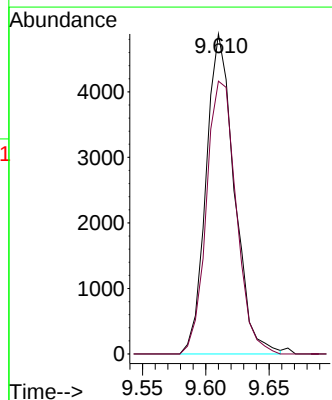
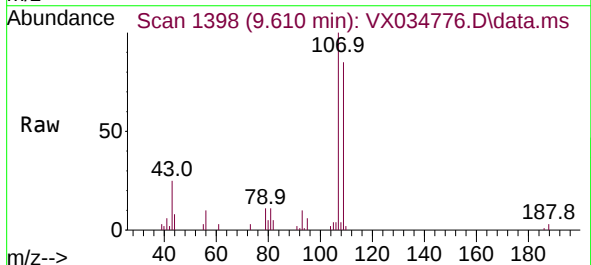
Manual Integrations
APPROVED

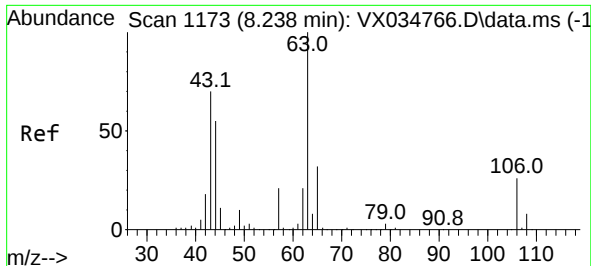
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#54
1,2-Dibromoethane
Concen: 2.247 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Tgt Ion:107 Resp: 7605
Ion Ratio Lower Upper
107 100
109 89.6 75.4 113.2





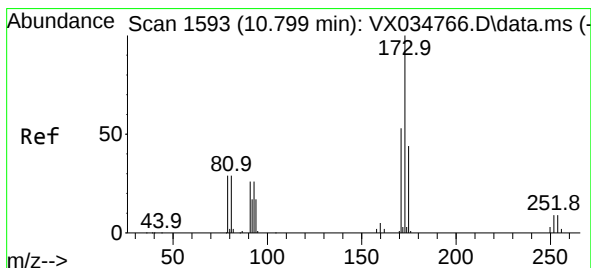
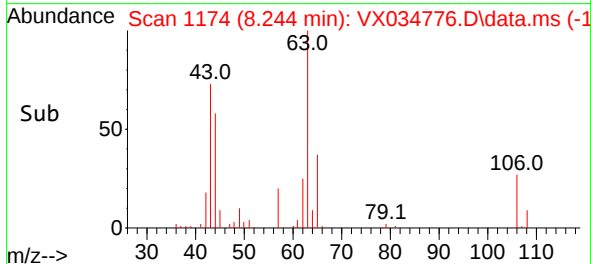
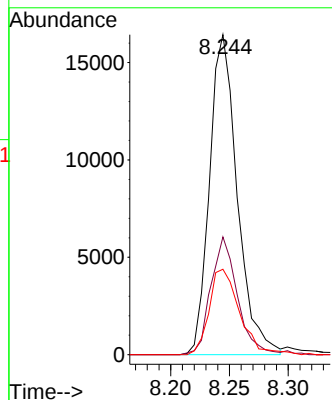
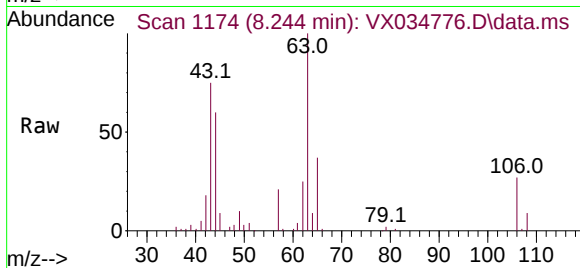
#55
2-Chloroethyl vinyl ether
Concen: 10.003 ug/l
RT: 8.244 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 63 Resp: 27030
Ion Ratio Lower Upper
63 100
65 35.1 25.4 38.2
106 28.5 21.6 32.4

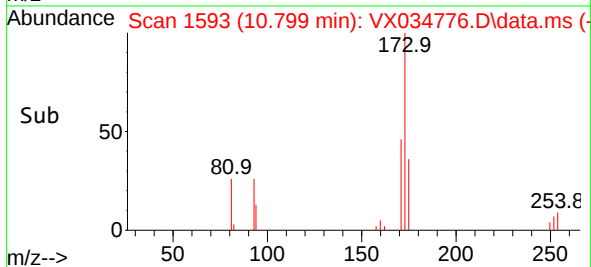
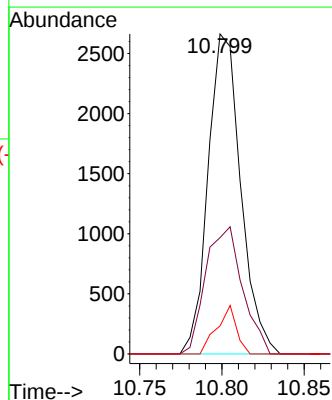
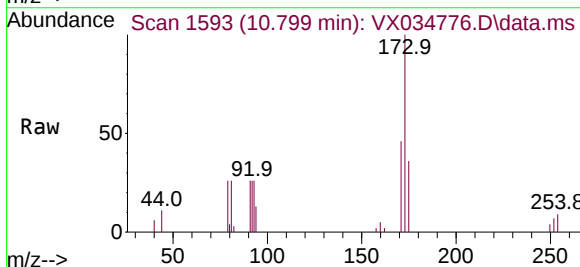
Manual Integrations
APPROVED

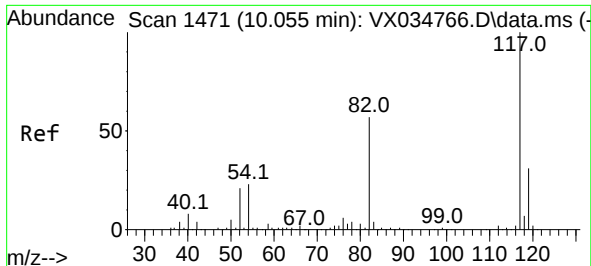
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#56
Bromoform
Concen: 1.707 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

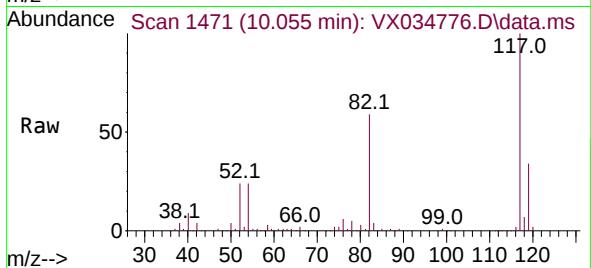
Tgt Ion:173 Resp: 3683
Ion Ratio Lower Upper
173 100
175 44.8 37.0 55.4
254 9.0 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

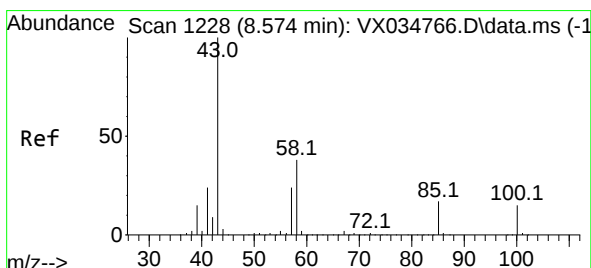
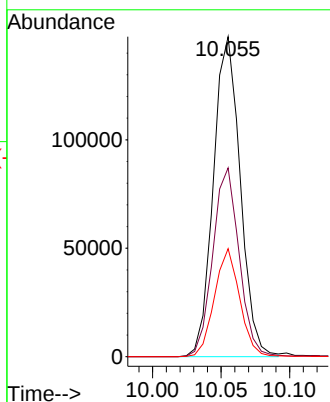
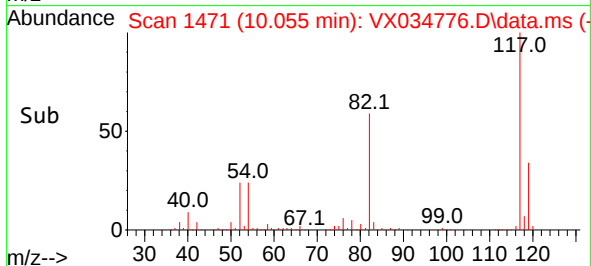
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 117 Resp: 20127
Ion Ratio Lower Upper
117 100
82 58.0 45.8 68.8
119 31.9 25.4 38.0

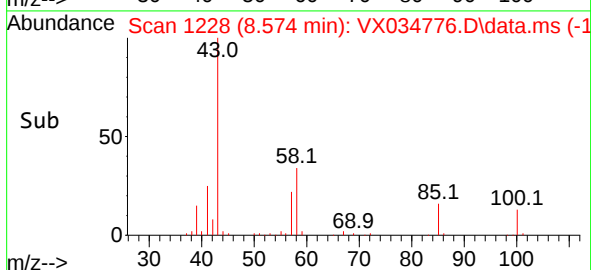
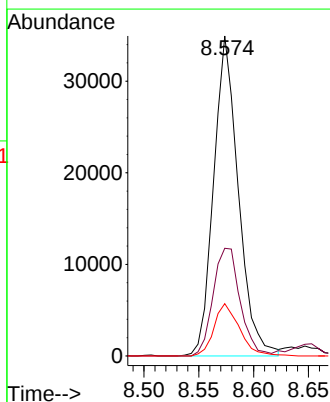
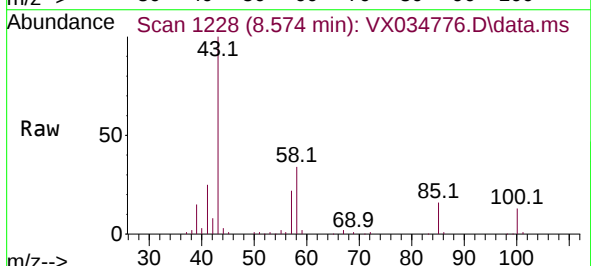
Manual Integrations
APPROVED

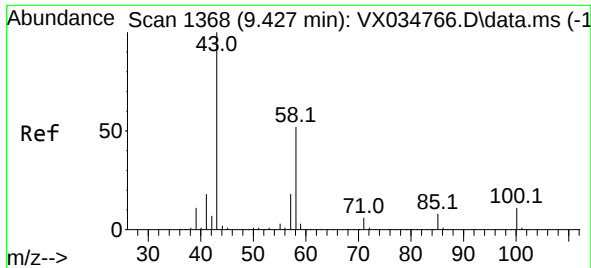
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#58
4-Methyl-2-Pentanone
Concen: 11.880 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

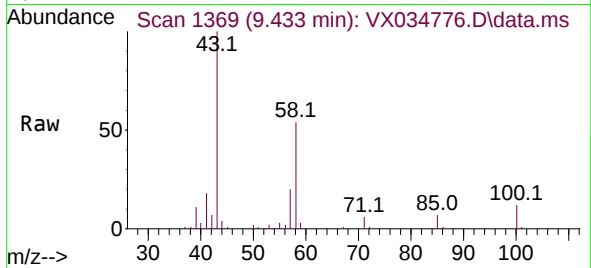
Tgt Ion: 43 Resp: 54822
Ion Ratio Lower Upper
43 100
58 36.8 29.9 44.9
85 16.9 13.2 19.8





#59
2-Hexanone
Concen: 11.223 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

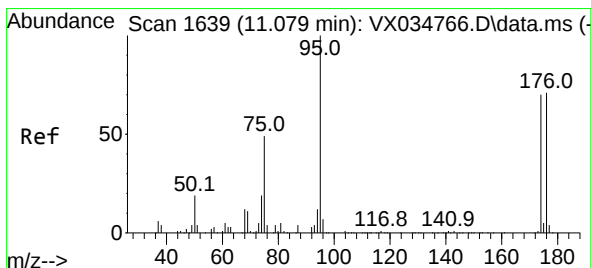
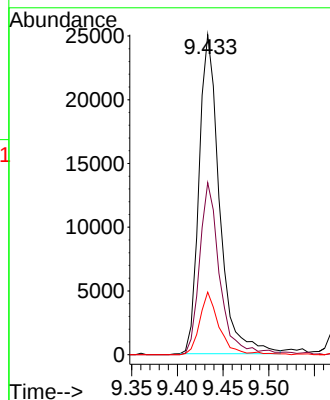
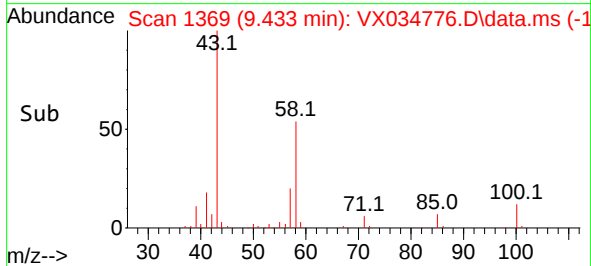
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 43 Resp: 38990
Ion Ratio Lower Upper
43 100
58 52.0 41.7 62.5
57 18.0 14.7 22.1

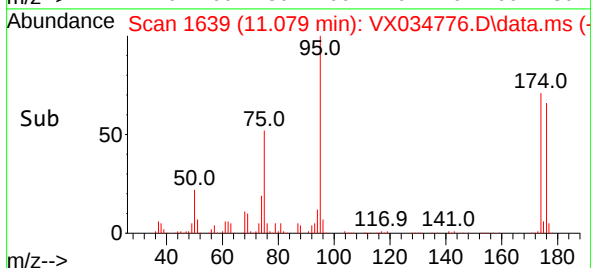
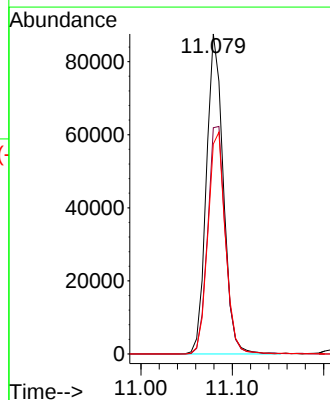
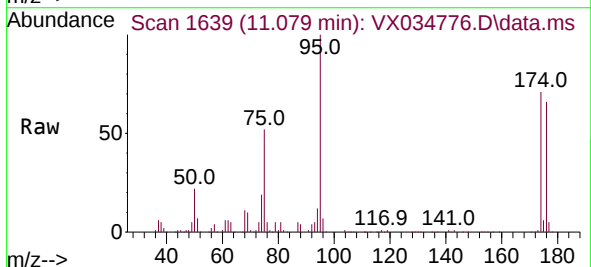
Manual Integrations
APPROVED

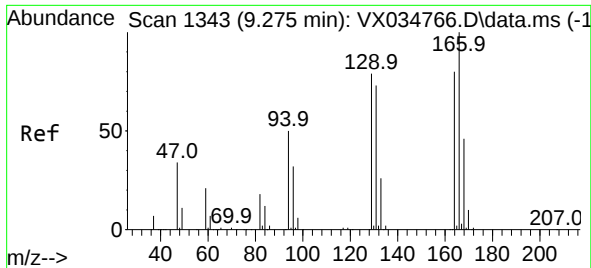
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#60
4-Bromofluorobenzene
Concen: 27.934 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

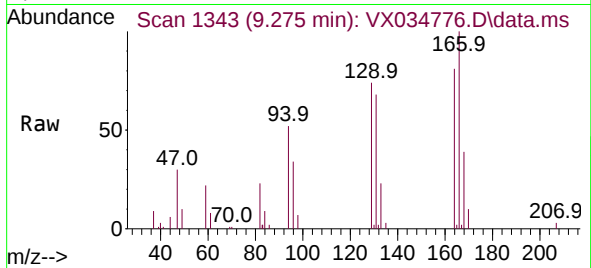
Tgt Ion: 95 Resp: 112344
Ion Ratio Lower Upper
95 100
174 73.8 0.2 0.4#
176 71.5 0.2 0.2#





#61
Tetrachloroethene
Concen: 2.721 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

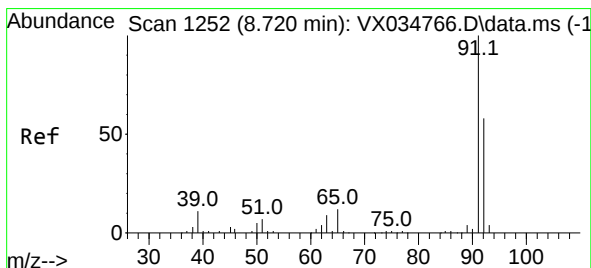
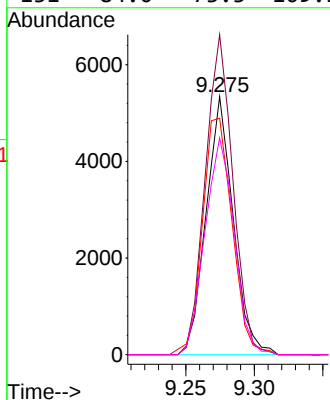
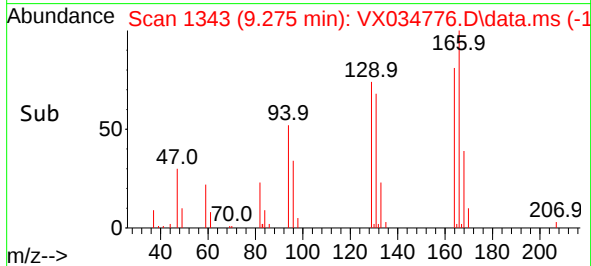
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:164 Resp: 7380
Ion Ratio Lower Upper
164 100
166 124.0 100.1 150.1
129 91.6 79.1 118.7
131 84.0 73.3 109.9

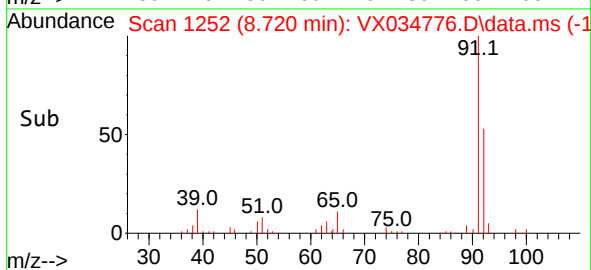
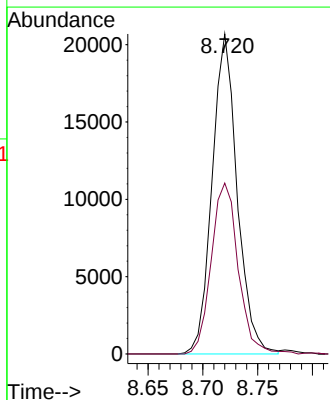
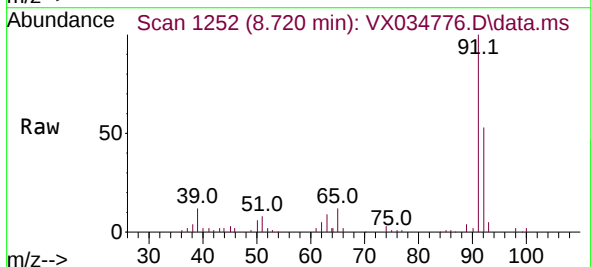
Manual Integrations
APPROVED

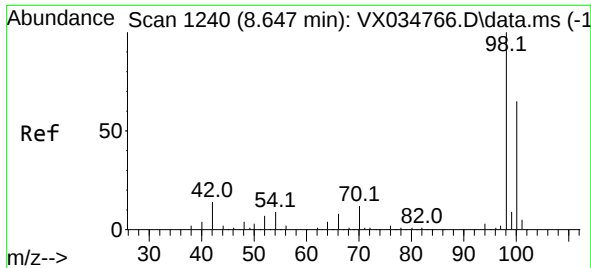
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#62
Toluene
Concen: 2.500 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

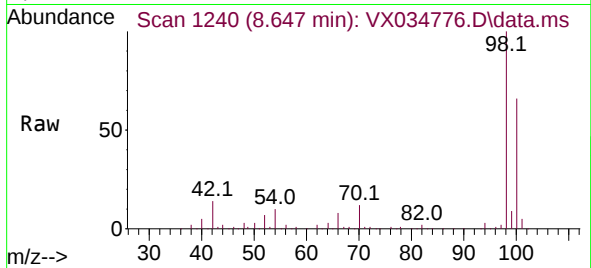
Tgt Ion: 91 Resp: 32904
Ion Ratio Lower Upper
91 100
92 57.1 46.5 69.7





#63
Toluene-d8
Concen: 30.890 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

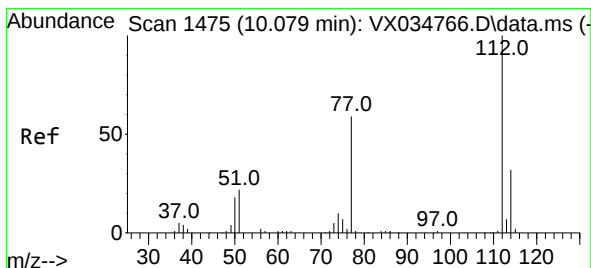
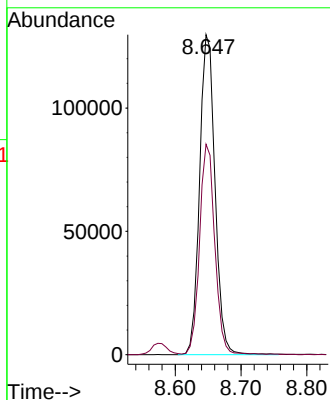
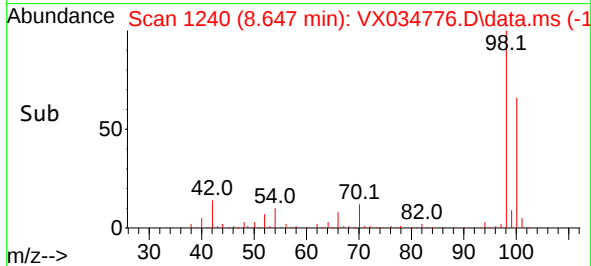
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 98 Resp: 211289
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1

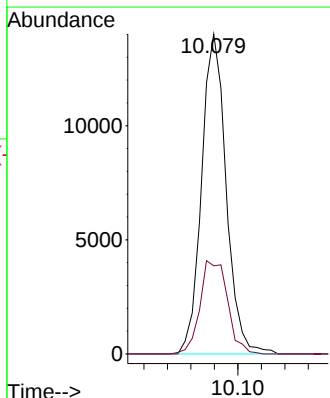
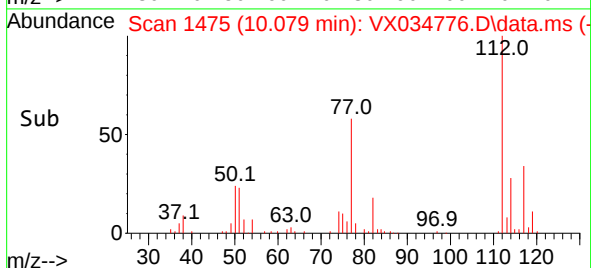
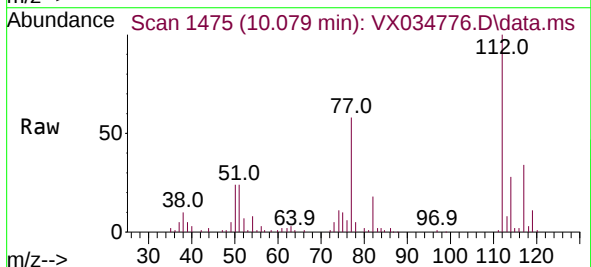
Manual Integrations
APPROVED

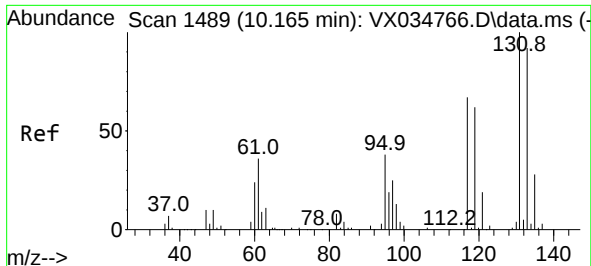
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#64
Chlorobenzene
Concen: 2.516 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Tgt Ion:112 Resp: 20392
Ion Ratio Lower Upper
112 100
114 27.5 25.8 38.8





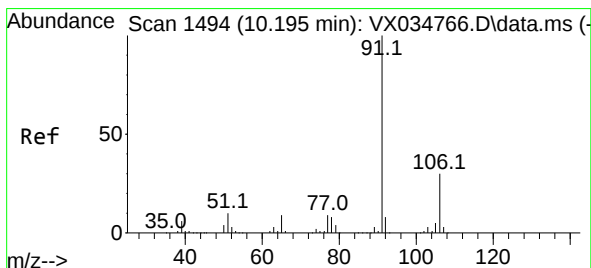
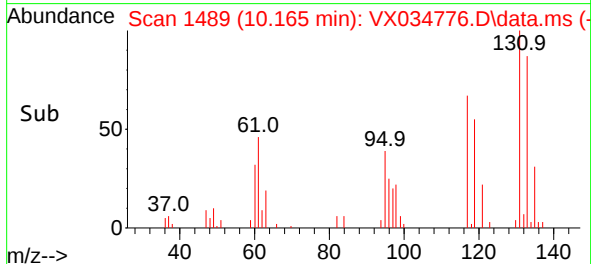
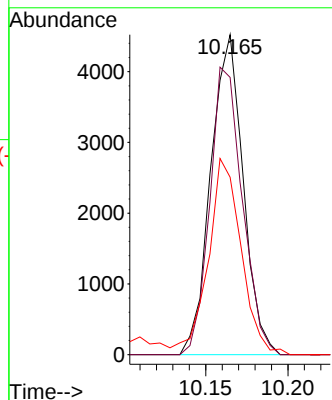
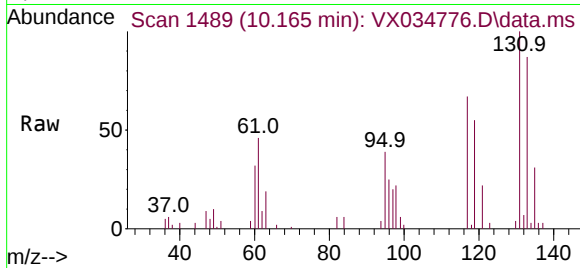
#65
1,1,1,2-Tetrachloroethane
Concen: 2.136 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:131 Resp: 6190
Ion Ratio Lower Upper
131 100
133 90.4 0.0 186.6
119 62.3 0.0 128.6

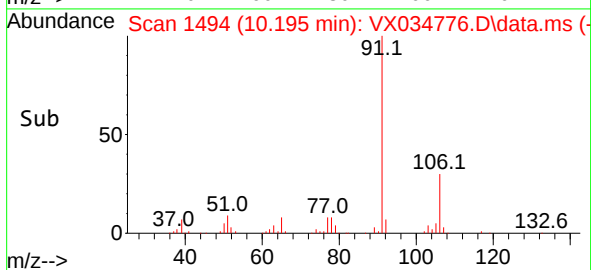
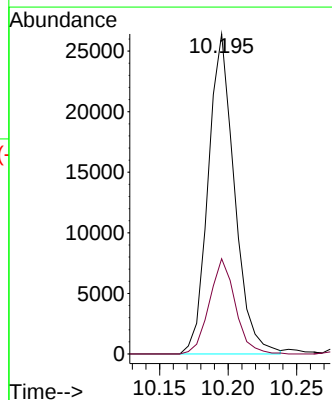
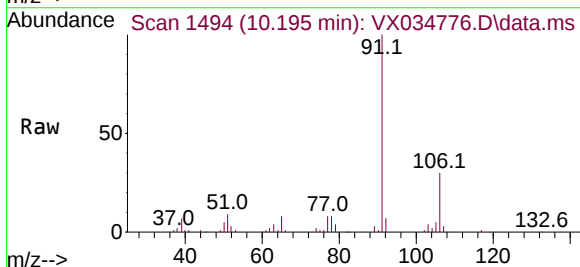
Manual Integrations
APPROVED

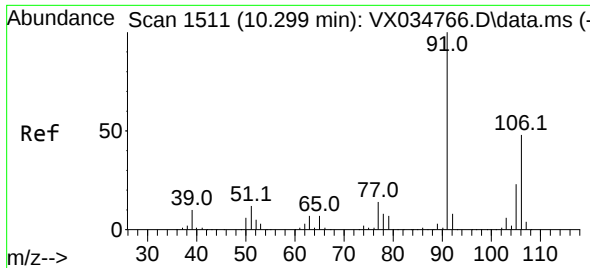
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#66
Ethyl Benzene
Concen: 2.401 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Tgt Ion: 91 Resp: 35189
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6





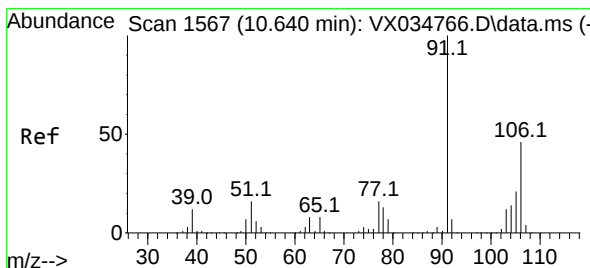
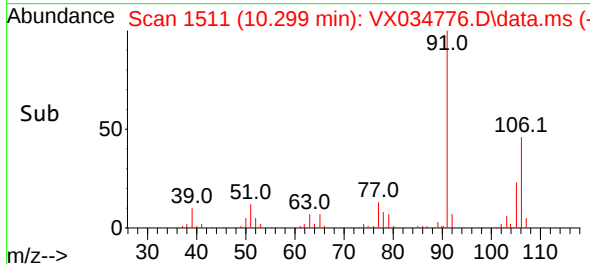
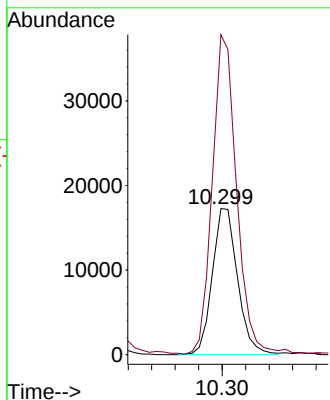
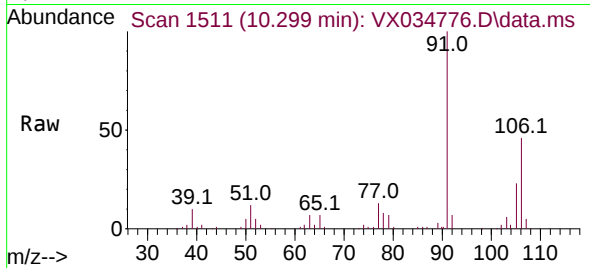
#67
m/p-Xylenes
Concen: 4.627 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:106 Resp: 2580
Ion Ratio Lower Upper
106 100
91 209.1 167.4 251.2

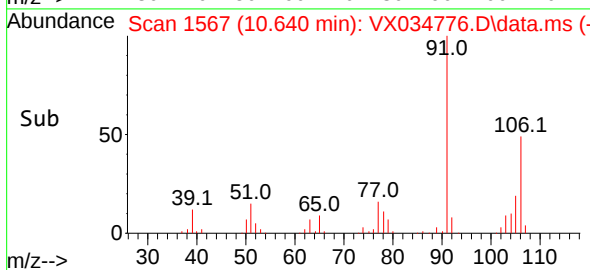
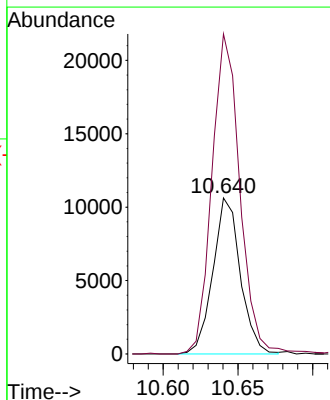
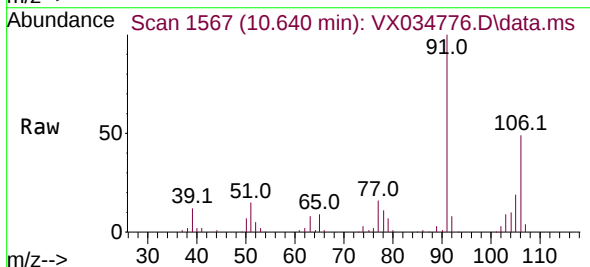
Manual Integrations
APPROVED

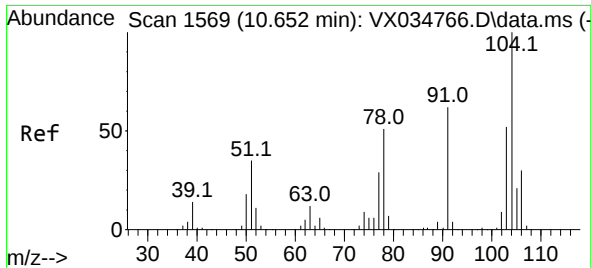
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#68
o-Xylene
Concen: 2.456 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Tgt Ion:106 Resp: 13545
Ion Ratio Lower Upper
106 100
91 208.7 108.9 326.8





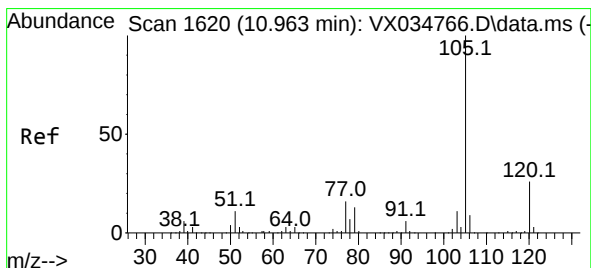
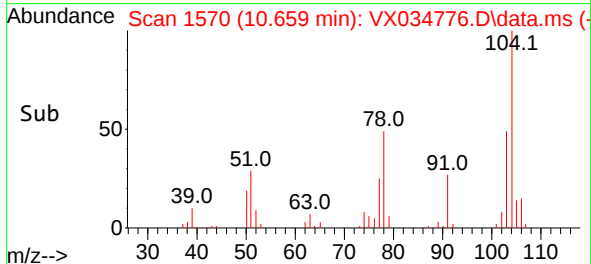
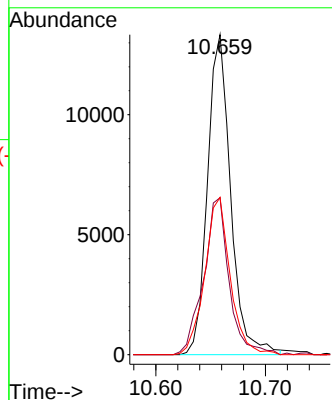
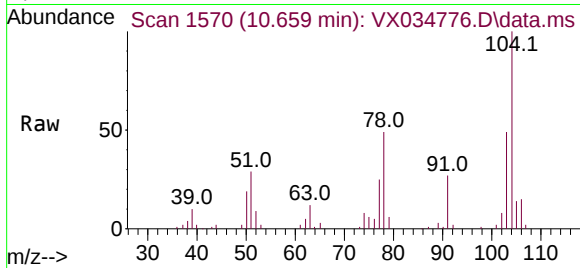
#69
Styrene
Concen: 2.154 ug/l
RT: 10.659 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:104 Resp: 19589
Ion Ratio Lower Upper
104 100
78 54.2 42.8 64.2
103 53.5 43.8 65.8

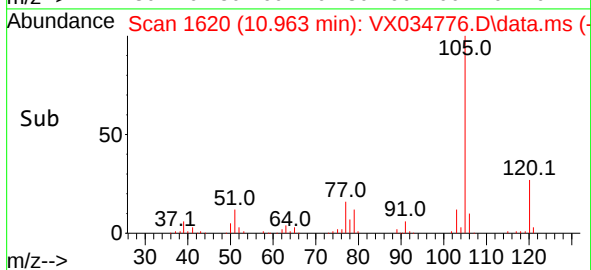
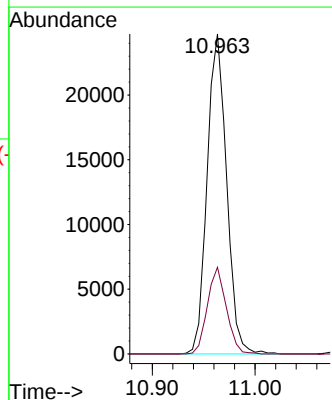
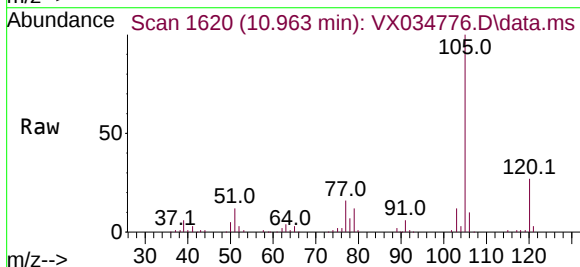
Manual Integrations
APPROVED

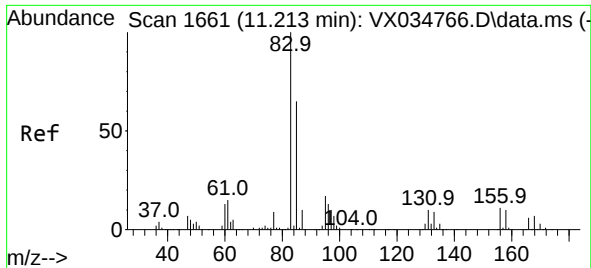
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#70
Isopropylbenzene
Concen: 2.279 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Tgt Ion:105 Resp: 32534
Ion Ratio Lower Upper
105 100
120 26.3 18.5 34.3





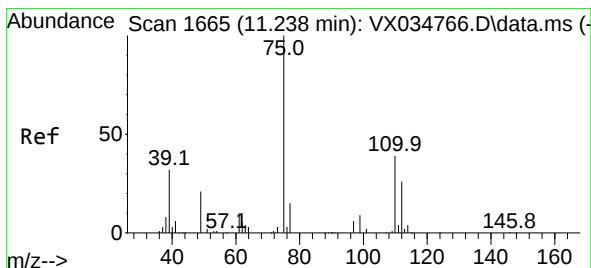
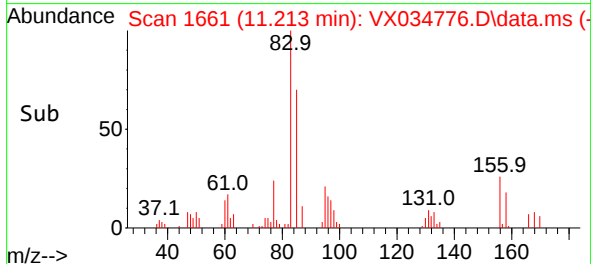
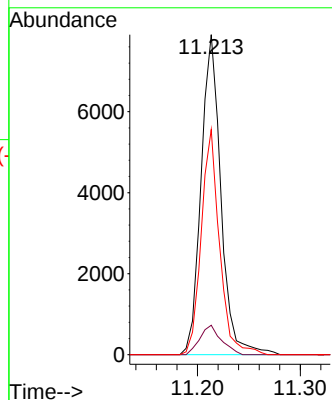
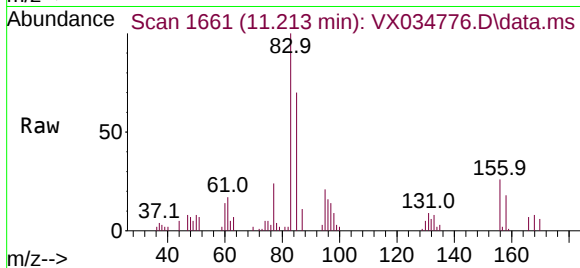
#71
1,1,2,2-Tetrachloroethane
Concen: 2.260 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 83 Resp: 1060
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.2
85 65.0 31.9 95.5

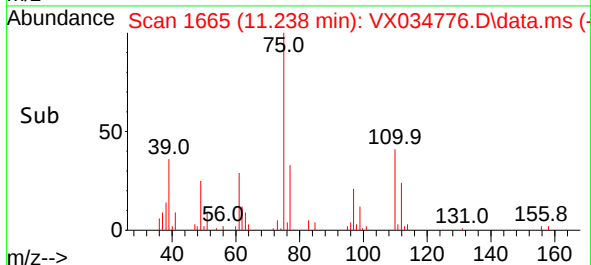
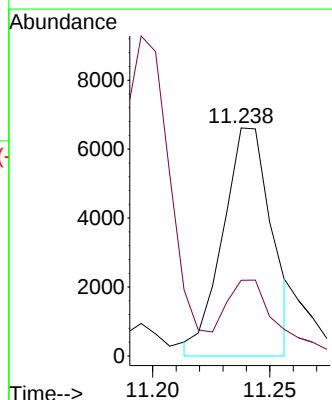
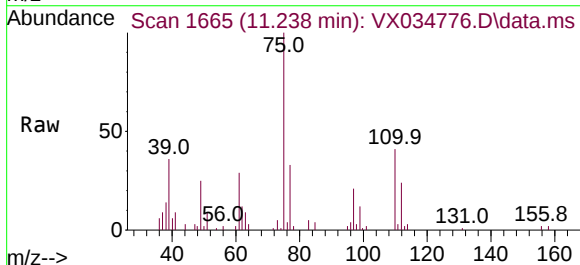
Manual Integrations
APPROVED

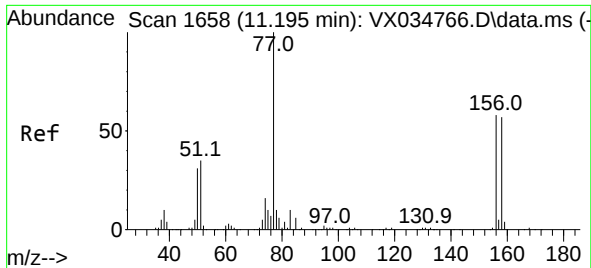
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#72
1,2,3-Trichloropropane
Concen: 2.243 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

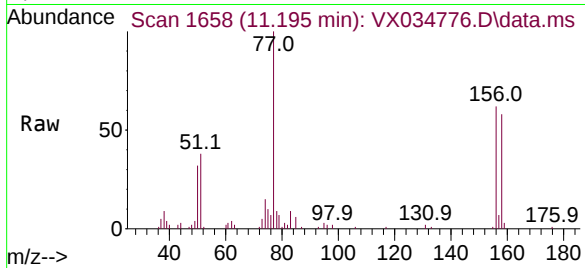
Tgt Ion: 75 Resp: 9581
Ion Ratio Lower Upper
75 100
77 34.8 0.0 73.8





#73
Bromobenzene
Concen: 2.460 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

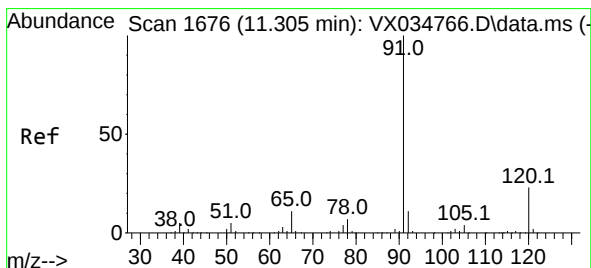
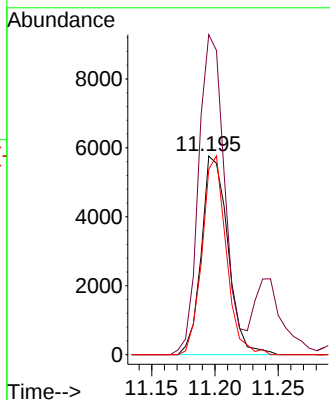
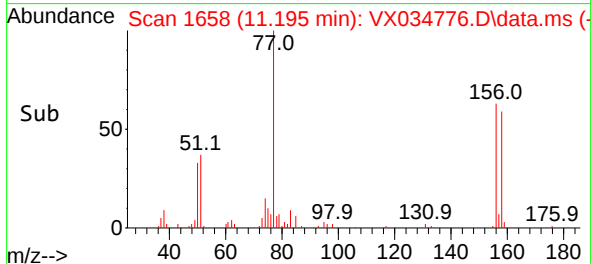
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



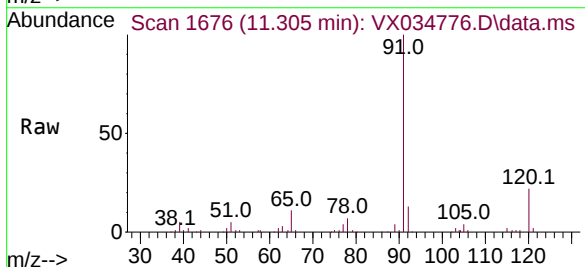
Tgt Ion:156 Resp: 8434
Ion Ratio Lower Upper
156 100
77 158.5 0.0 330.8
158 90.4 0.0 193.4

Manual Integrations
APPROVED

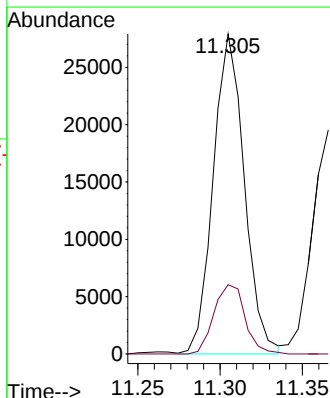
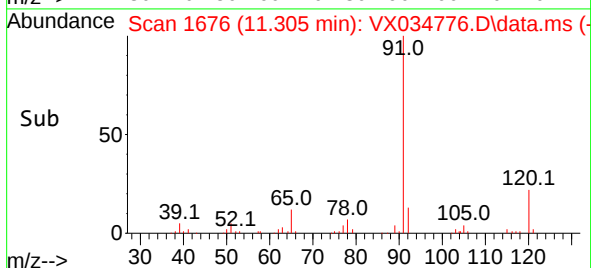
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

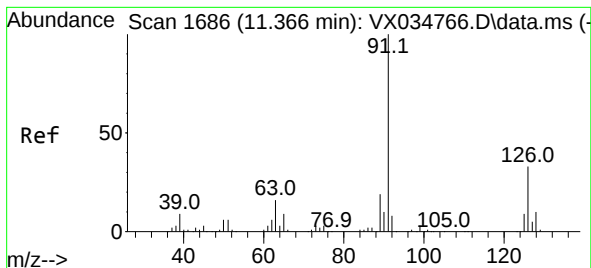


#74
n-propylbenzene
Concen: 2.205 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34



Tgt Ion: 91 Resp: 36636
Ion Ratio Lower Upper
91 100
120 21.7 0.0 44.8





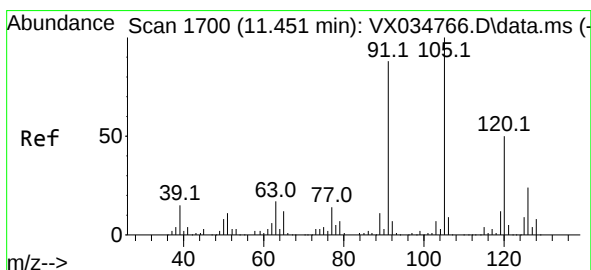
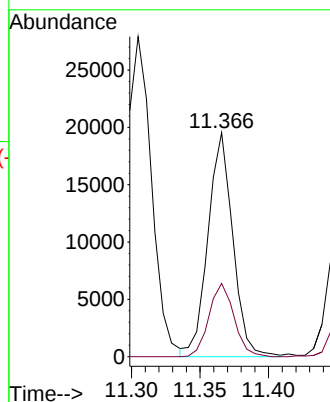
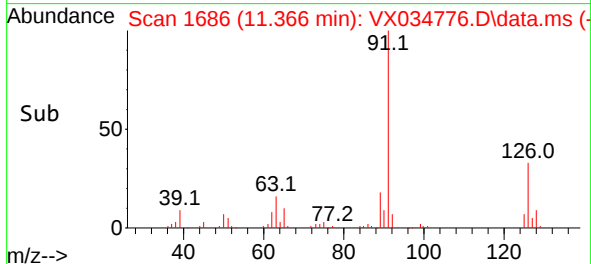
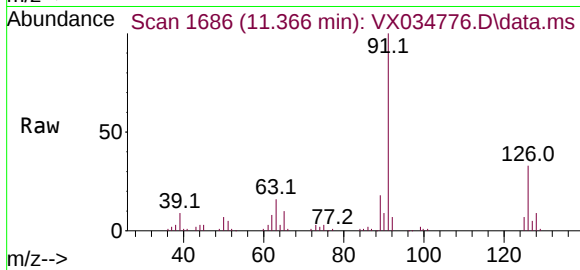
#75
2-Chlorotoluene
Concen: 2.382 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 91 Resp: 24672
Ion Ratio Lower Upper
91 100
126 32.9 0.0 66.4

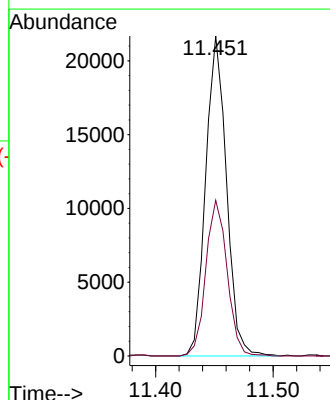
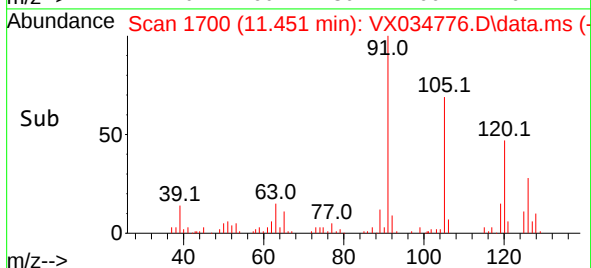
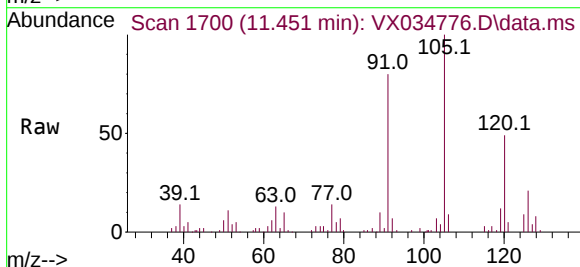
Manual Integrations
APPROVED

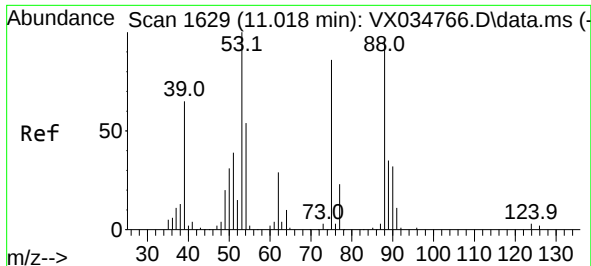
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#76
1,3,5-Trimethylbenzene
Concen: 2.214 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

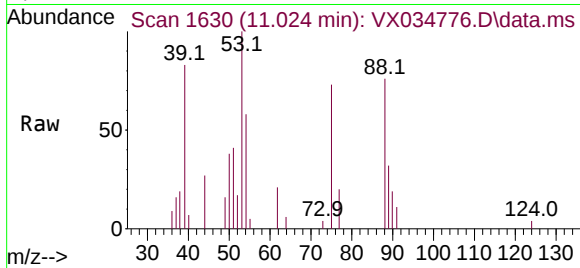
Tgt Ion:105 Resp: 26604
Ion Ratio Lower Upper
105 100
120 49.9 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 1.419 ug/l
RT: 11.024 min Scan# 1629
Delta R.T. 0.006 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

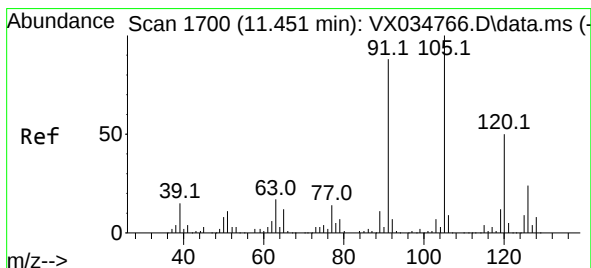
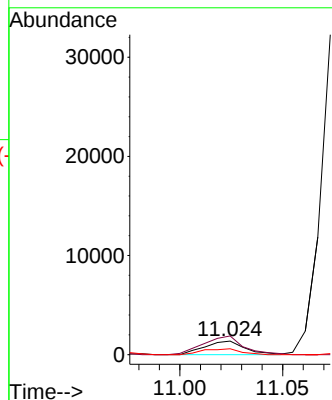
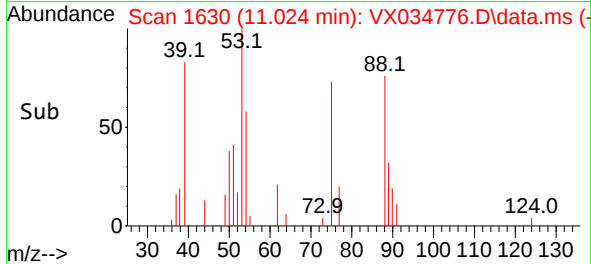
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 75 Resp: 1862
Ion Ratio Lower Upper
75 100
53 129.1 58.2 174.6
89 43.7 20.6 61.8

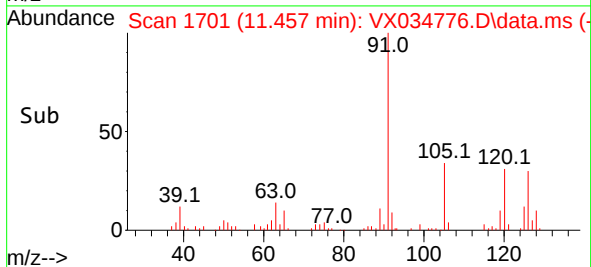
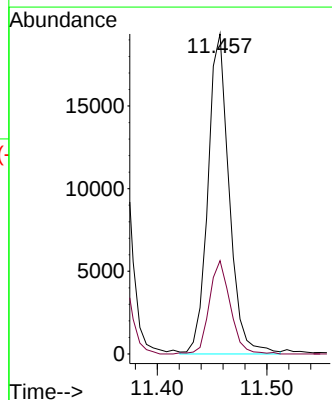
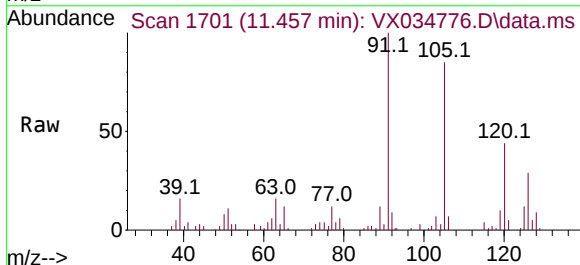
Manual Integrations
APPROVED

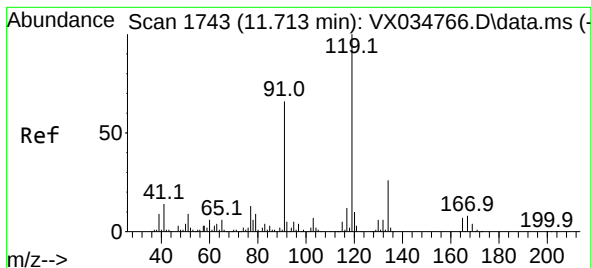
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#78
4-Chlorotoluene
Concen: 2.195 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Tgt Ion: 91 Resp: 26071
Ion Ratio Lower Upper
91 100
126 28.7 0.0 56.8





#79

tert-butylbenzene

Concen: 2.239 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034776.D

Acq: 28 Mar 2023 03:34

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

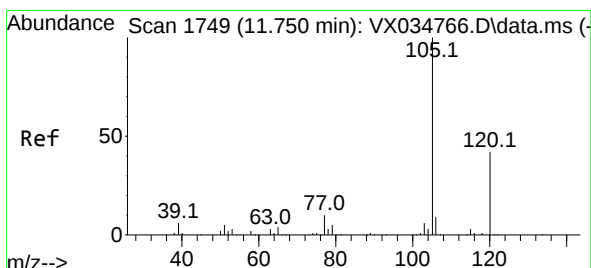
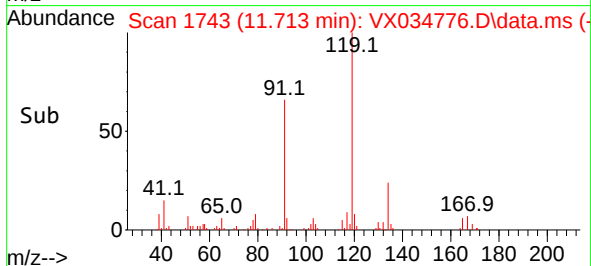
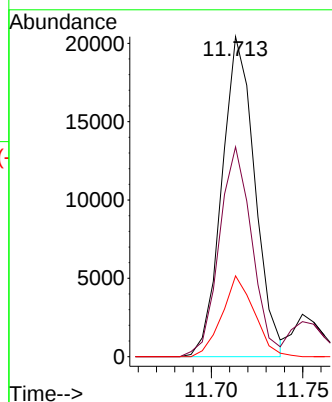
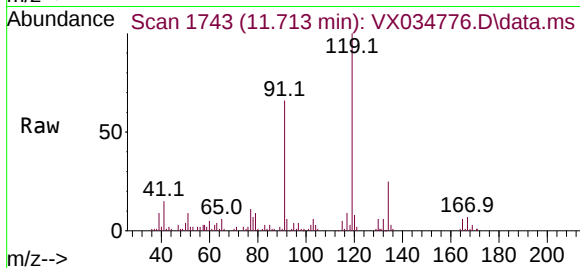
Tgt Ion:	119	Resp:	25684
Ion Ratio	Lower	Upper	
119	100		
91	65.0	0.0	122.4
134	24.6	0.0	49.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#80

1,2,4-Trimethylbenzene

Concen: 2.211 ug/l

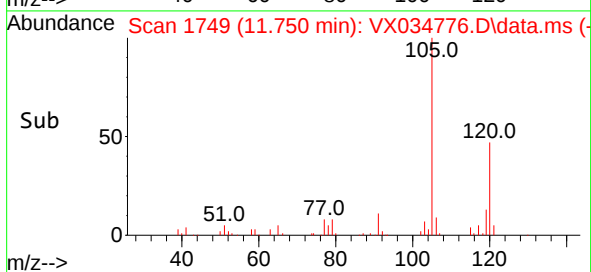
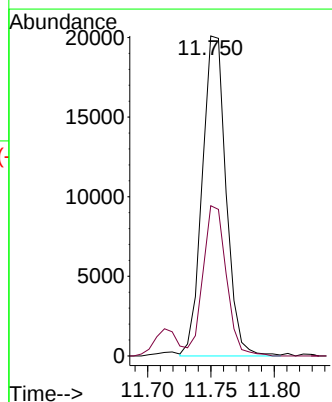
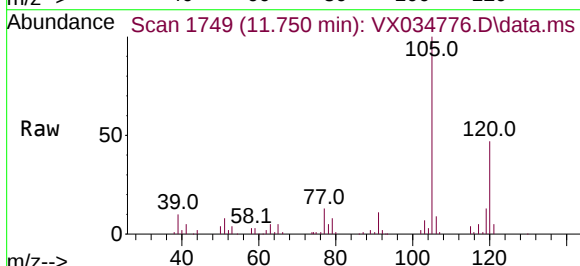
RT: 11.750 min Scan# 1749

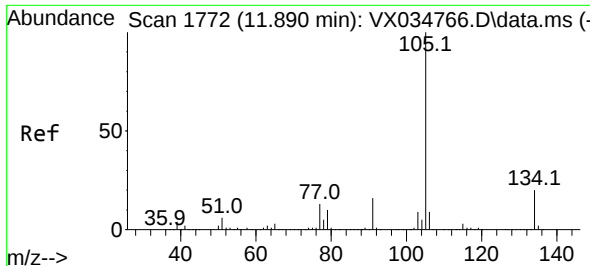
Delta R.T. 0.000 min

Lab File: VX034776.D

Acq: 28 Mar 2023 03:34

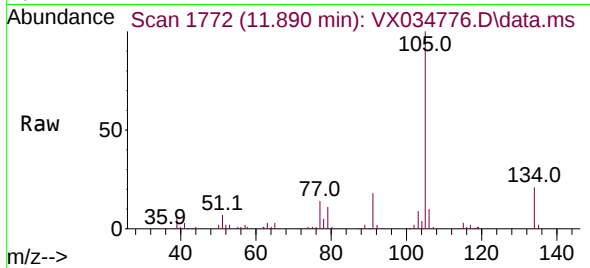
Tgt Ion:	105	Resp:	26399
Ion Ratio	Lower	Upper	
105	100		
120	45.7	0.0	90.4





#81
 sec-Butylbenzene
 Concen: 2.130 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034776.D
 Acq: 28 Mar 2023 03:34

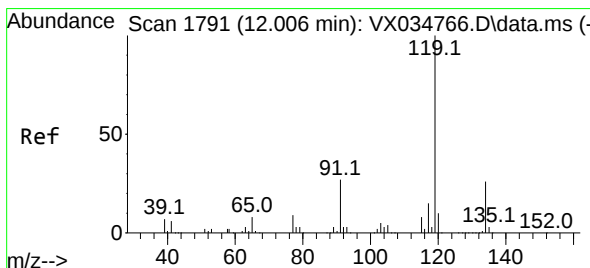
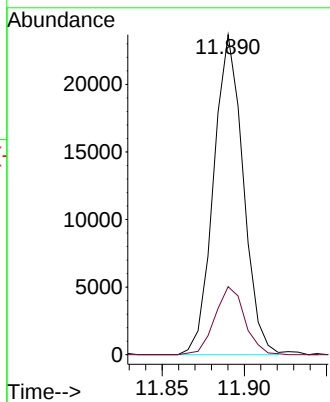
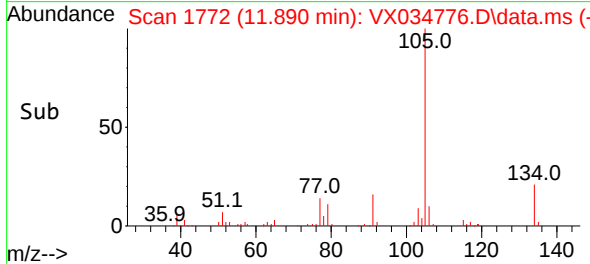
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023



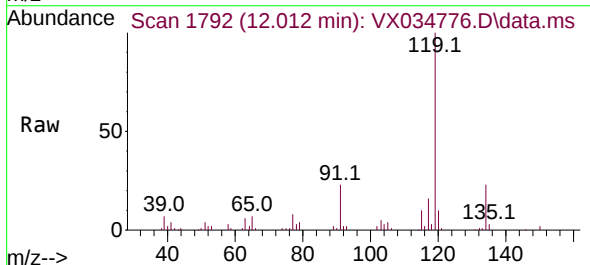
Tgt Ion:105 Resp: 29609
 Ion Ratio Lower Upper
 105 100
 134 21.4 0.0 40.2

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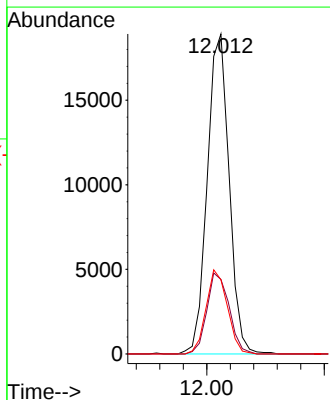
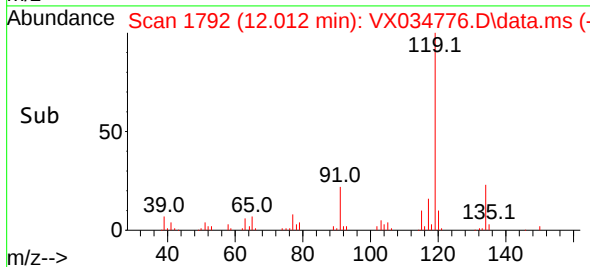
Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023

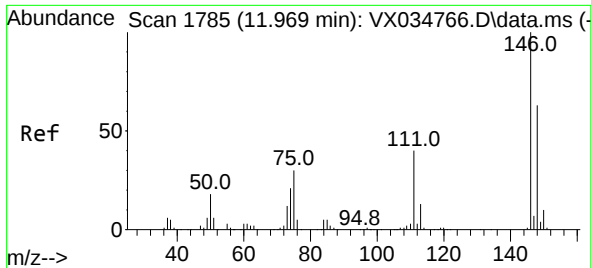


#82
 p-Isopropyltoluene
 Concen: 2.083 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX034776.D
 Acq: 28 Mar 2023 03:34



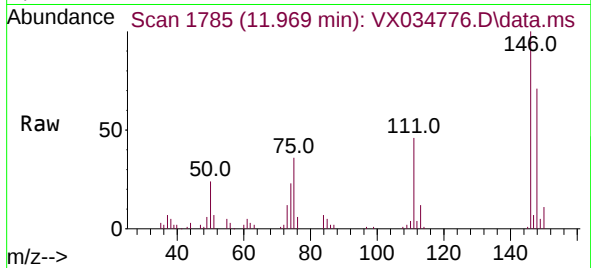
Tgt Ion:119 Resp: 24429
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.2
 91 25.6 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 2.200 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

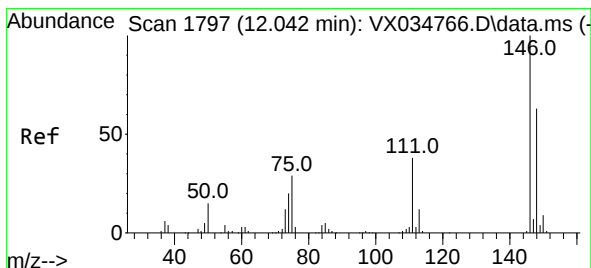
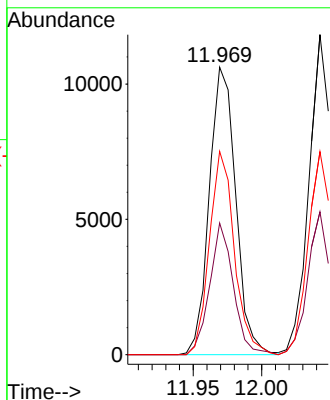
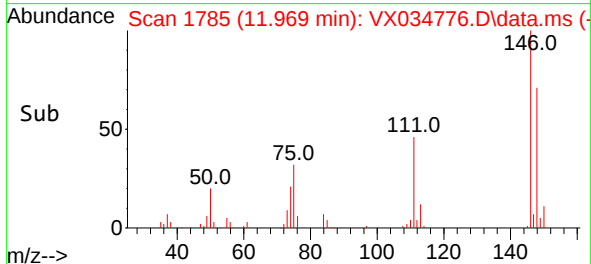
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



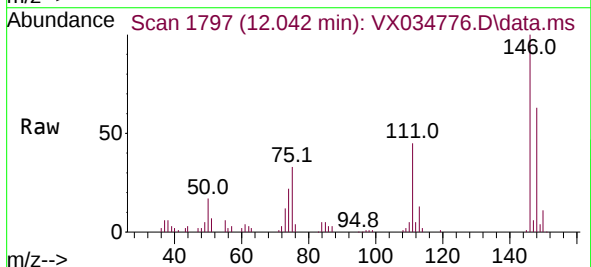
Tgt Ion:146 Resp: 14249
Ion Ratio Lower Upper
146 100
111 40.9 20.6 61.9
148 66.8 31.6 94.7

Manual Integrations
APPROVED

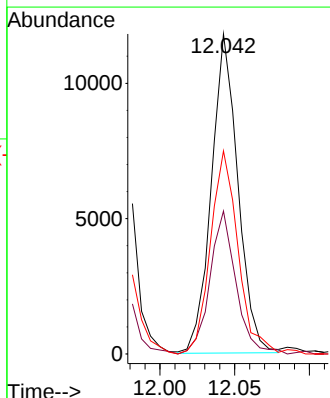
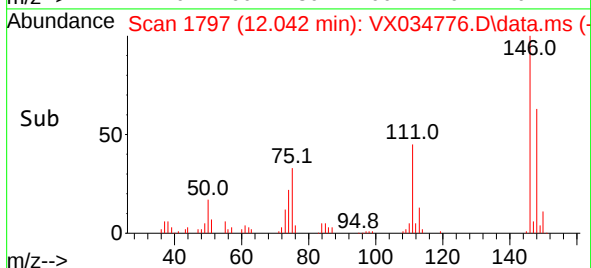
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

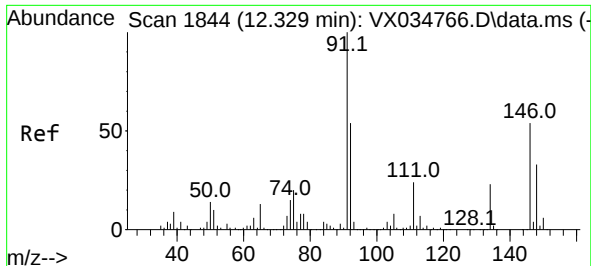


#84
1,4-Dichlorobenzene
Concen: 2.239 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34



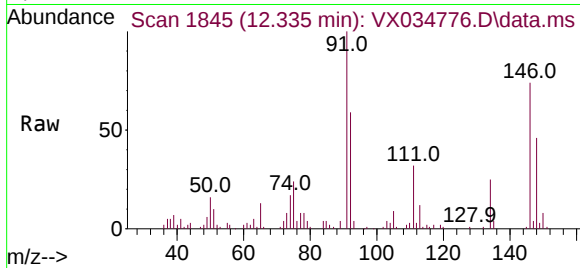
Tgt Ion:146 Resp: 14555
Ion Ratio Lower Upper
146 100
111 43.8 20.3 60.9
148 66.0 31.8 95.3





#85
n-Butylbenzene
Concen: 1.936 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

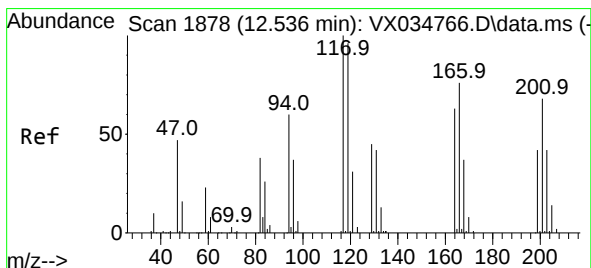
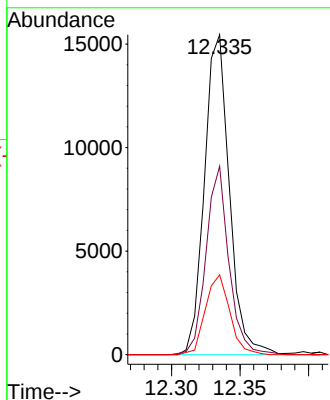
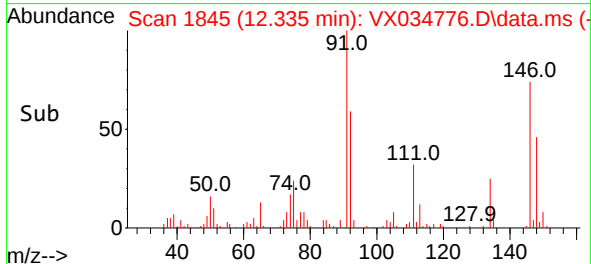
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 91 Resp: 1956
Ion Ratio Lower Upper
91 100
92 54.2 0.0 107.6
134 24.4 0.0 49.8

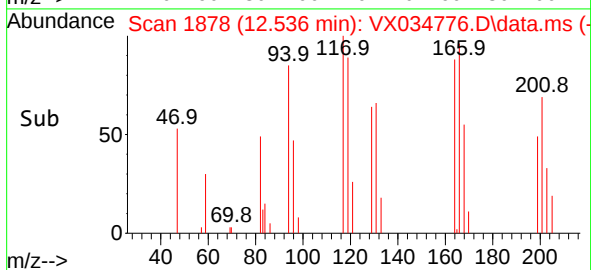
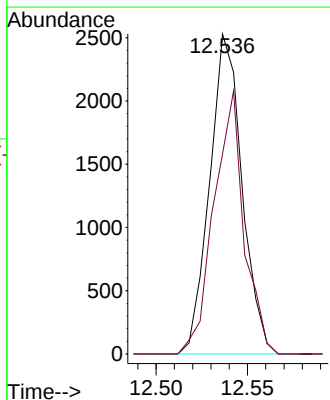
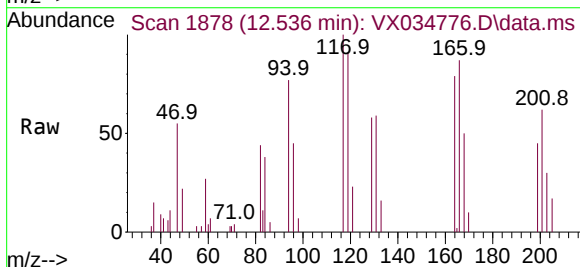
Manual Integrations
APPROVED

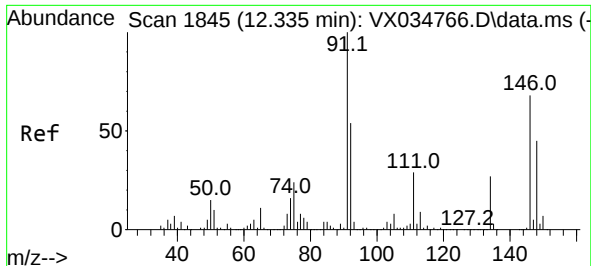
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#86
Hexachloroethane
Concen: 1.621 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

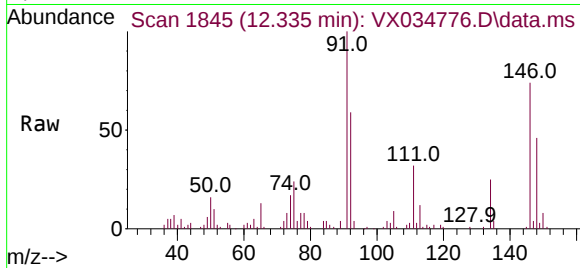
Tgt Ion:117 Resp: 3115
Ion Ratio Lower Upper
117 100
201 76.2 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 2.318 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

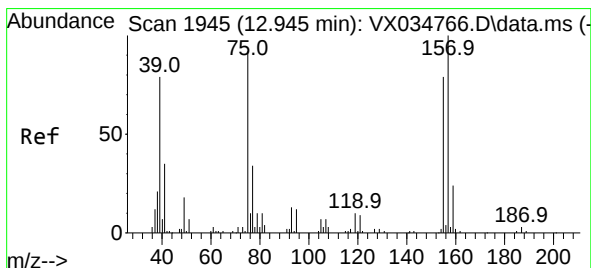
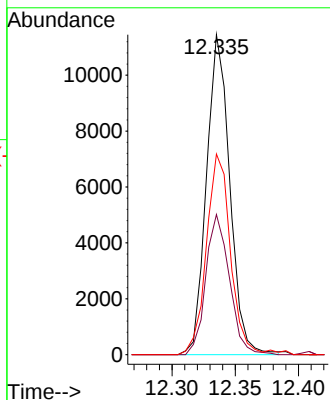
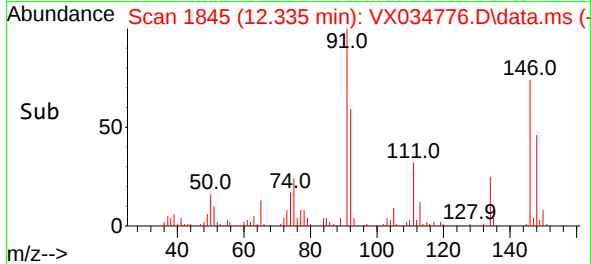
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:146 Resp: 14680
Ion Ratio Lower Upper
146 100
111 44.3 21.3 64.0
148 64.3 31.7 95.1

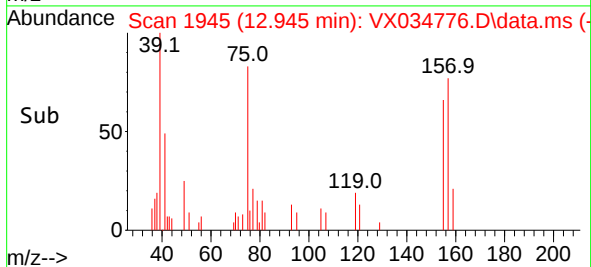
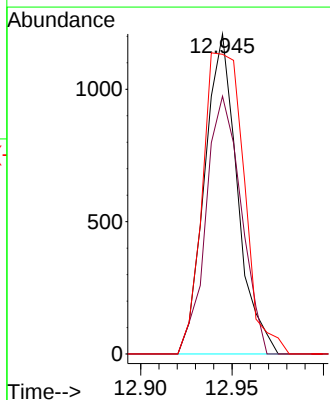
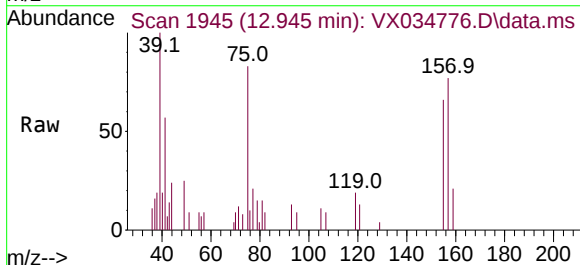
Manual Integrations
APPROVED

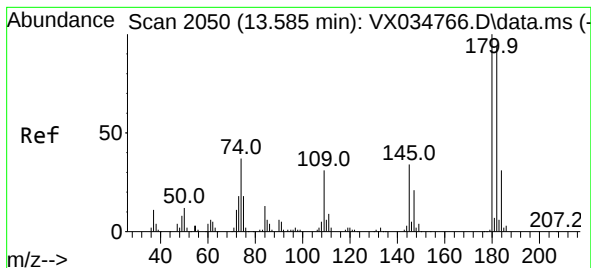
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 1.470 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Tgt Ion: 75 Resp: 1507
Ion Ratio Lower Upper
75 100
155 86.6 63.7 95.5
157 117.7 83.7 125.5





#89

1,2,4-Trichlorobenzene

Concen: 2.108 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034776.D

Acq: 28 Mar 2023 03:34

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

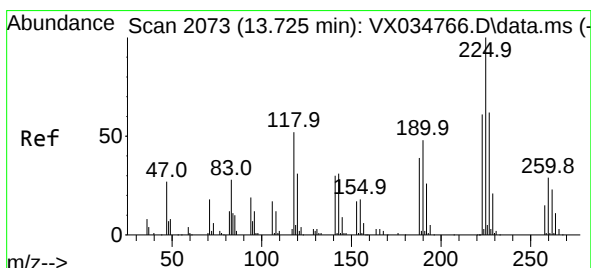
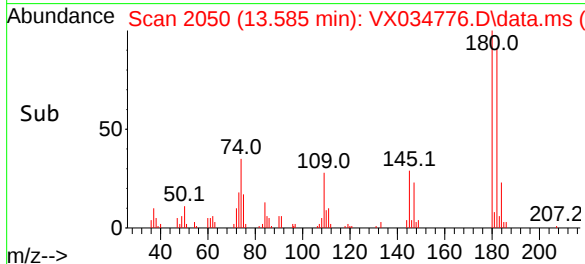
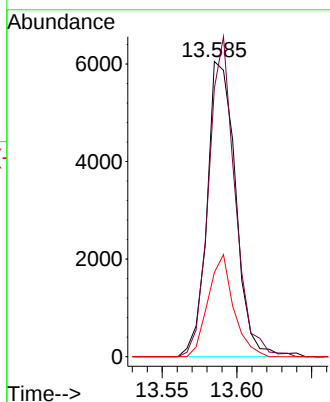
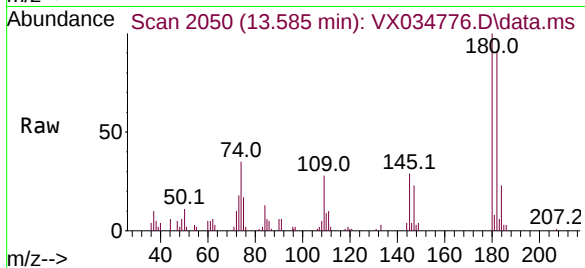
Tgt Ion:	180	Resp:	800
Ion Ratio	Lower	Upper	
180	100		
182	99.6	75.8	113.8
145	30.8	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#90

Hexachlorobutadiene

Concen: 2.231 ug/l

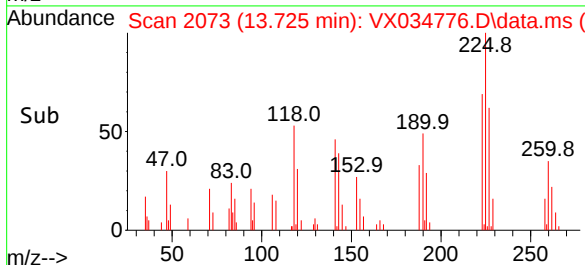
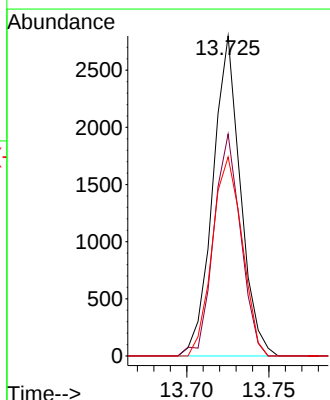
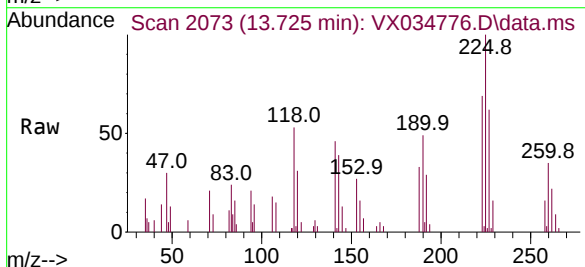
RT: 13.725 min Scan# 2073

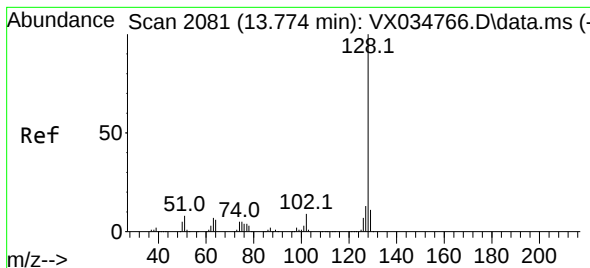
Delta R.T. 0.000 min

Lab File: VX034776.D

Acq: 28 Mar 2023 03:34

Tgt Ion:	225	Resp:	3270
Ion Ratio	Lower	Upper	
225	100		
223	66.1	0.0	124.2
227	67.2	0.0	122.8





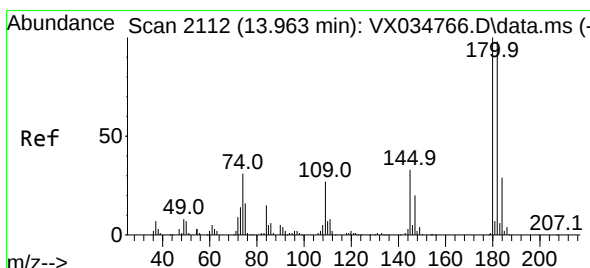
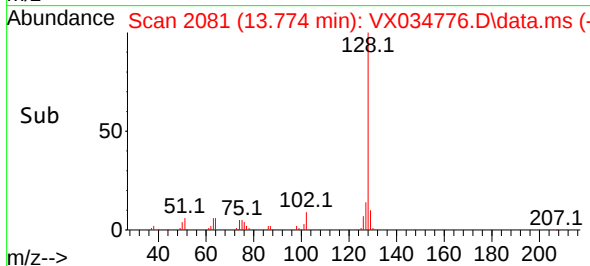
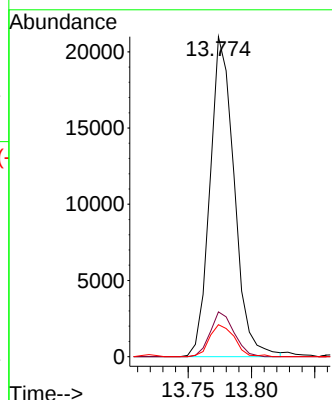
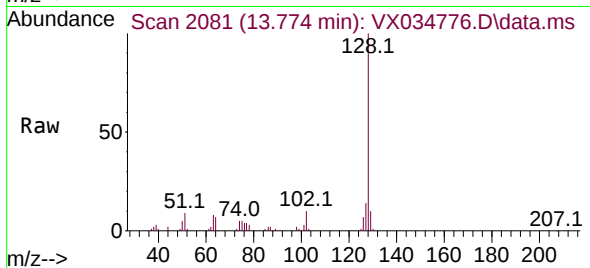
#91
Naphthalene
Concen: 2.087 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:128 Resp: 2802
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 10.1 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: 2.318 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034776.D
Acq: 28 Mar 2023 03:34

Tgt Ion:180 Resp: 8806
Ion Ratio Lower Upper
180 100
182 96.4 0.0 191.0
145 31.0 0.0 66.8

