

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
 Data File : VX036535.D
 Acq On : 13 Jul 2023 19:05
 Operator : JC/MD
 Sample : 03572-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Quant Time: Jul 14 04:37:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Bromochloromethane	4.897	128	33006	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	178550	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	158718	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	79947	29.184	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.267%		
60) 4-Bromofluorobenzene	11.079	95	74254	28.841	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.133%		
63) Toluene-d8	8.646	98	226342	30.991	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	103.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3901	2.115	ug/l	96
3) Chloromethane	1.300	50	6005	2.380	ug/l	91
4) Vinyl Chloride	1.373	62	5435	2.089	ug/l	96
5) Bromomethane	1.611	94	6519	2.447	ug/l	97
6) Chloroethane	1.684	64	4660	2.632	ug/l #	88
7) Trichlorofluoromethane	1.885	101	9515	2.254	ug/l	96
8) Diethyl Ether	2.135	74	4031	2.299	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.337	101	4181	2.188	ug/l	98
10) 1,1-Dichloroethene	2.318	96	4652	2.409	ug/l	97
11) Methyl Iodide	2.452	142	4630	2.104	ug/l	90
12) Methyl Acetate	2.708	43	10010	2.205	ug/l	99
13) Acrolein	2.245	56	4426	11.884	ug/l	99
14) Acrylonitrile	3.068	53	13886	10.912	ug/l	93
15) Acetone	2.385	58	4236	11.757	ug/l	98
16) Carbon Disulfide	2.513	76	10163	2.169	ug/l #	88
17) Allyl chloride	2.666	41	7595	2.217	ug/l	95
18) Methylene Chloride	2.794	84	6348	2.729	ug/l	92
19) trans-1,2-Dichloroethene	3.093	96	5098	2.415	ug/l	83
20) Diisopropyl ether	3.763	45	16509	2.364	ug/l	89
21) 1,1-Dichloroethane	3.611	63	9699	2.382	ug/l	98
22) cis-1,2-Dichloroethene	4.495	96	6137m	2.415	ug/l	
23) tert-Butyl Alcohol	2.983	59	6959m	11.776	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	16116	2.294	ug/l	98
25) Chloroform	5.092	83	9661	2.295	ug/l	98
26) Cyclohexane	5.482	56	6776	2.169	ug/l #	100
29) 1,1-Dichloropropene	5.696	75	6637	2.465	ug/l	93
30) 2-Butanone	4.562	43	19184	11.316	ug/l	95
31) 2,2-Dichloropropane	4.470	77	6597	2.234	ug/l #	72
32) 1,1,1-Trichloroethane	5.397	97	7386m	2.309	ug/l	
33) Carbon Tetrachloride	5.684	117	5971	2.188	ug/l #	87
34) Benzene	6.037	78	21034	2.534	ug/l #	92
35) Methacrylonitrile	4.921	41	4233m	2.407	ug/l	
36) 1,2-Dichloroethane	6.092	62	8056	2.528	ug/l #	92
37) Trichloroethene	7.135	130	5594	2.561	ug/l #	66
38) Methylcyclohexane	7.384	83	6910	2.206	ug/l	94
39) 1,2-Dichloropropane	7.433	63	5686	2.527	ug/l	94
40) Dibromomethane	7.586	93	4022	2.468	ug/l	95
41) Bromodichloromethane	7.823	83	6944	2.348	ug/l	90
42) Vinyl Acetate	3.727	43	59110	11.543	ug/l	99

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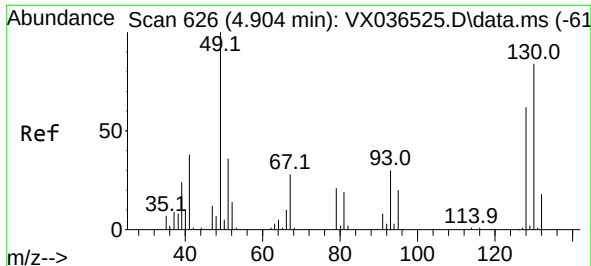
Quant Time: Jul 14 04:37:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
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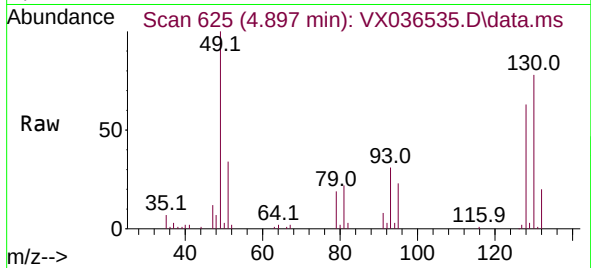
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.726	43	7285	2.208	ug/l	95
44) Isopropyl Acetate	6.342	43	12214	2.321	ug/l	99
45) 1,4-Dioxane	7.695	88	2884	48.279	ug/l #	1
46) Methyl methacrylate	7.695	41	6033	2.399	ug/l	94
47) n-amyl Acetate	10.847	43	9205	2.062	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	6239	1.923	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	7641	2.181	ug/l	99
50) 1,1,2-Trichloroethane	9.152	97	5719	2.585	ug/l	91
51) Ethyl methacrylate	9.116	69	7749	2.231	ug/l	90
52) 1,3-Dichloropropane	9.311	76	9518	2.550	ug/l	99
53) Dibromochloromethane	9.524	129	4700	2.105	ug/l	97
54) 1,2-Dibromoethane	9.610	107	5767	2.482	ug/l	97
55) 2-Chloroethyl vinyl ether	8.244	63	22923	12.273	ug/l	97
56) Bromoform	10.798	173	3147	2.026	ug/l	97
58) 4-Methyl-2-Pentanone	8.573	43	38800	11.822	ug/l	98
59) 2-Hexanone	9.433	43	28821	11.543	ug/l	99
61) Tetrachloroethene	9.274	164	4855	2.554	ug/l	92
62) Toluene	8.720	91	23204	2.606	ug/l	100
64) Chlorobenzene	10.079	112	14206	2.562	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.164	131	4634	2.314	ug/l	95
66) Ethyl Benzene	10.195	91	22971	2.373	ug/l	99
67) m/p-Xylenes	10.305	106	17918	4.749	ug/l	96
68) o-Xylene	10.640	106	8982	2.399	ug/l	97
69) Styrene	10.658	104	13629	2.245	ug/l	96
70) Isopropylbenzene	10.963	105	21980	2.357	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	8129	2.388	ug/l	96
72) 1,2,3-Trichloropropane	11.244	75	7785m	2.468	ug/l	
73) Bromobenzene	11.201	156	5735	2.488	ug/l	97
74) n-propylbenzene	11.304	91	26114	2.379	ug/l	97
75) 2-Chlorotoluene	11.365	91	17001	2.547	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	19152	2.390	ug/l	99
77) t-1,4-Dichloro-2-butene	11.024	75	1718	1.659	ug/l	76
78) 4-Chlorotoluene	11.457	91	18024	2.371	ug/l	99
79) tert-butylbenzene	11.713	119	17183	2.259	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	18594	2.341	ug/l	97
81) sec-Butylbenzene	11.890	105	21696	2.266	ug/l	96
82) p-Isopropyltoluene	12.012	119	17710	2.223	ug/l	97
83) 1,3-Dichlorobenzene	11.969	146	10081	2.351	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	10309	2.412	ug/l	98
85) n-Butylbenzene	12.335	91	14624	2.017	ug/l	99
86) Hexachloroethane	12.536	117	2392	1.814	ug/l	93
87) 1,2-Dichlorobenzene	12.335	146	10403	2.419	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.944	75	1400	1.829	ug/l	89
89) 1,2,4-Trichlorobenzene	13.591	180	5993	2.209	ug/l	95
90) Hexachlorobutadiene	13.725	225	2367	2.402	ug/l	98
91) Naphthalene	13.774	128	20881	2.194	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	6025	2.201	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
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

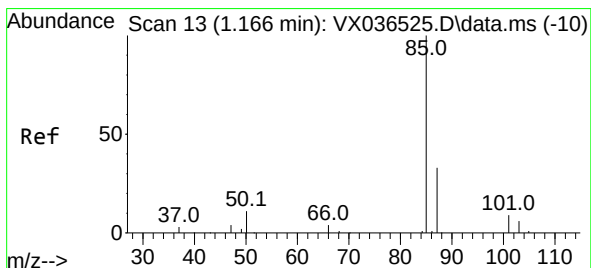
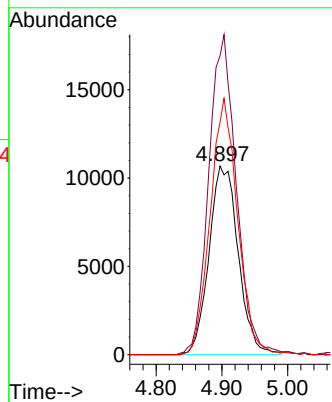
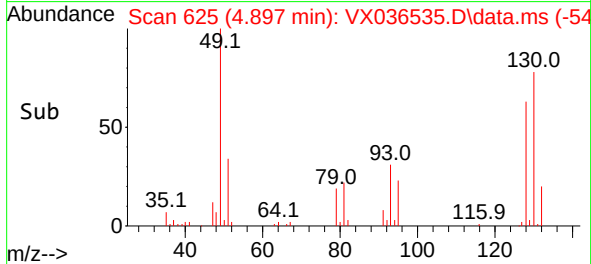
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:128 Resp: 33000
Ion Ratio Lower Upper
128 100
49 159.9 0.0 406.3
130 127.5 0.0 328.0

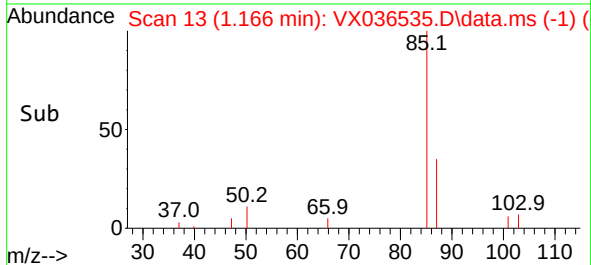
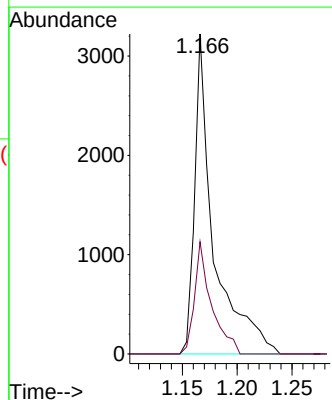
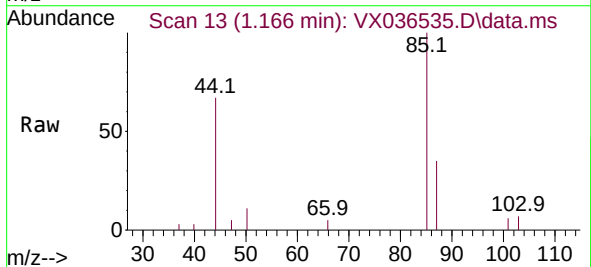
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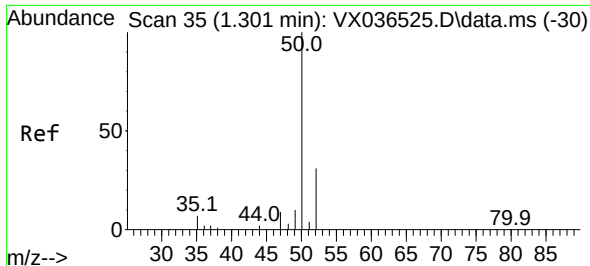
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#2
Dichlorodifluoromethane
Concen: 2.115 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

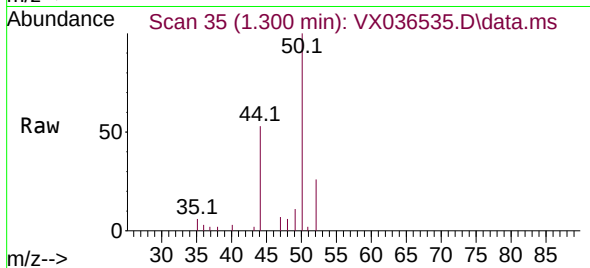
Tgt Ion: 85 Resp: 3901
Ion Ratio Lower Upper
85 100
87 35.0 16.4 49.4





#3
Chloromethane
Concen: 2.380 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

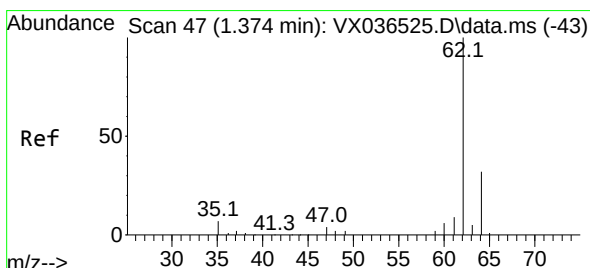
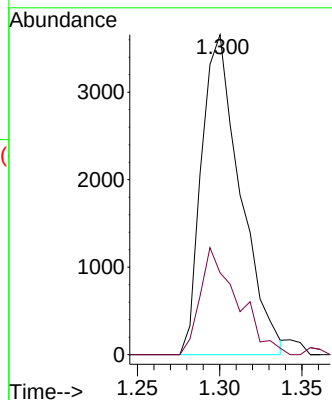
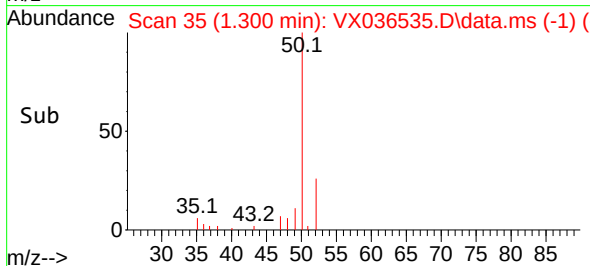
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 50 Resp: 600
Ion Ratio Lower Upper
50 100
52 25.6 24.5 36.7

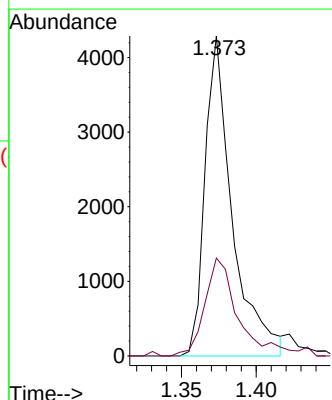
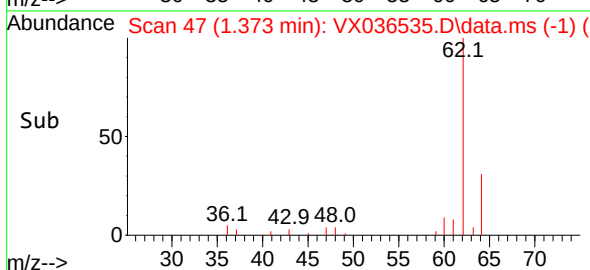
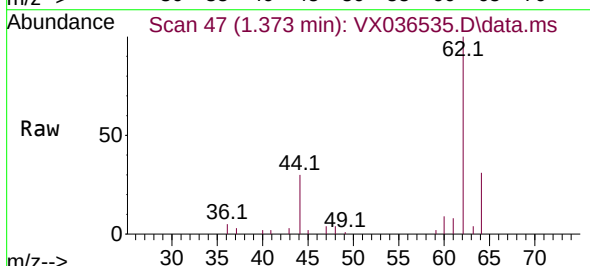
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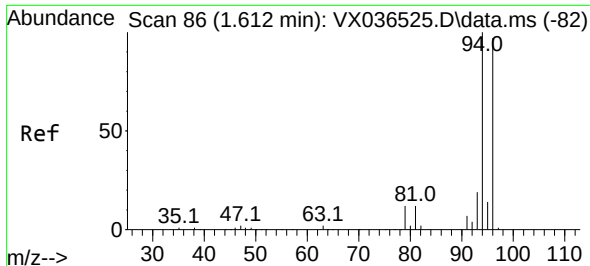
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#4
Vinyl Chloride
Concen: 2.089 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

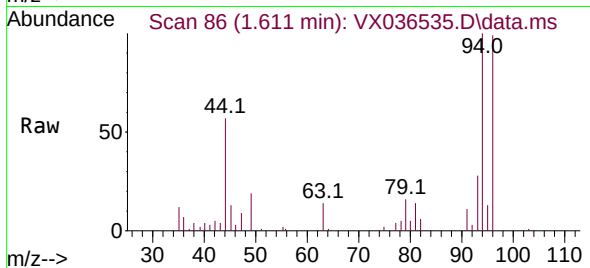
Tgt Ion: 62 Resp: 5435
Ion Ratio Lower Upper
62 100
64 29.4 25.3 37.9





#5
Bromomethane
Concen: 2.447 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

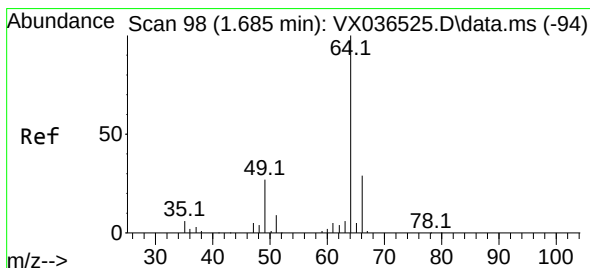
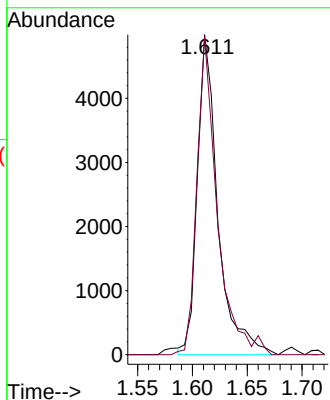
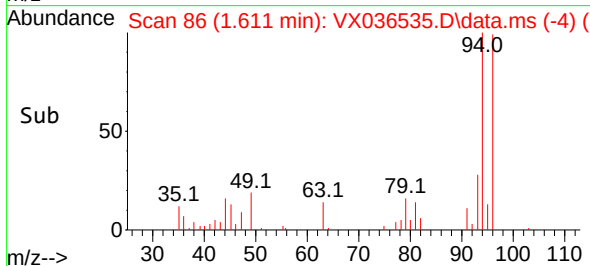
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 94 Resp: 6519
Ion Ratio Lower Upper
94 100
96 99.4 77.4 116.2

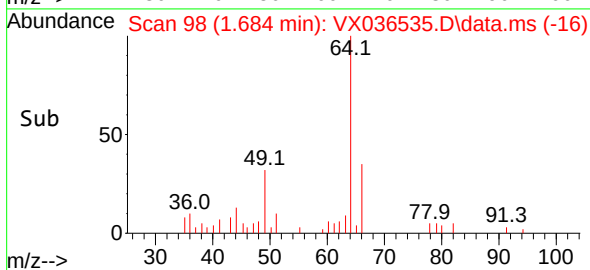
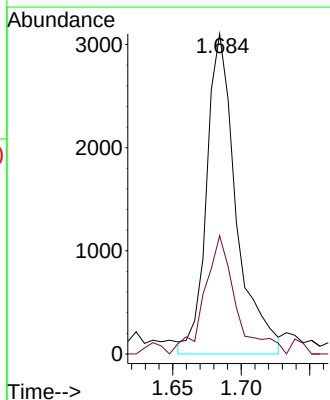
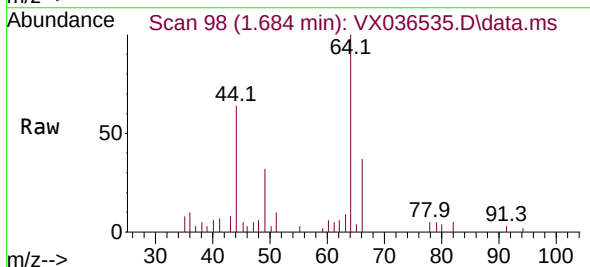
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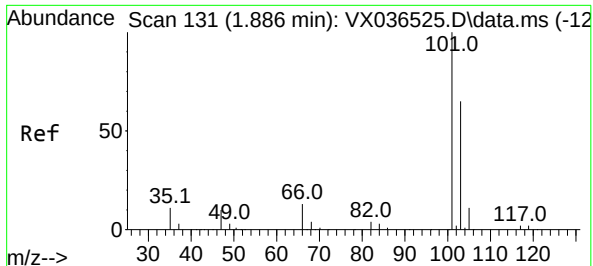
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#6
Chloroethane
Concen: 2.632 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

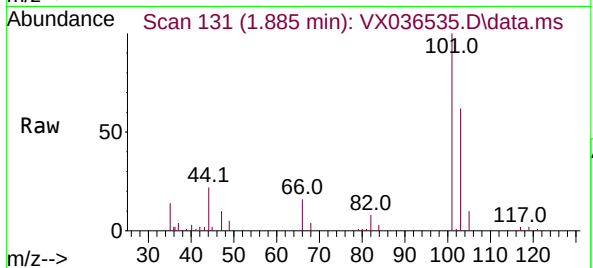
Tgt Ion: 64 Resp: 4660
Ion Ratio Lower Upper
64 100
66 35.1 23.1 34.7#





#7
Trichlorofluoromethane
Concen: 2.254 ug/l
RT: 1.885 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

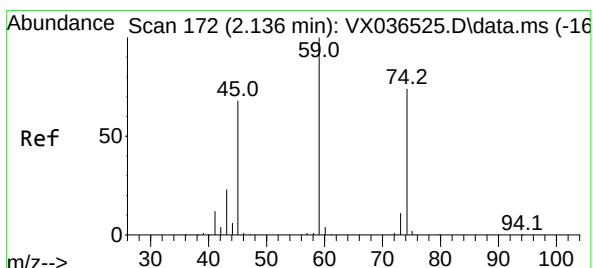
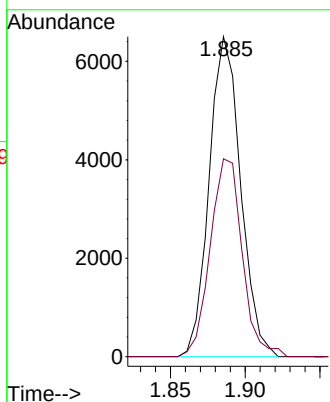
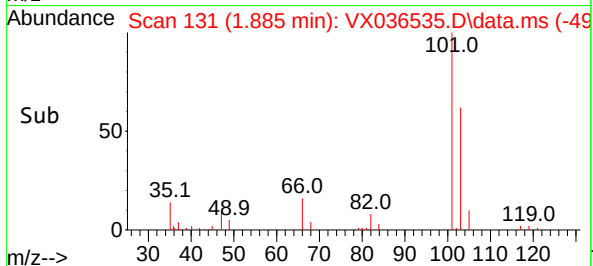
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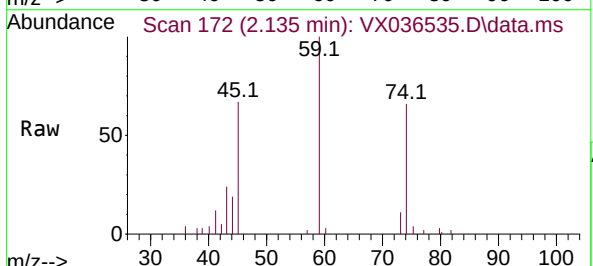
Tgt Ion:101 Resp: 951
Ion Ratio Lower Upper
101 100
103 61.8 52.2 78.2

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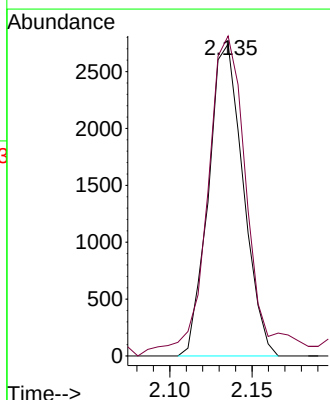
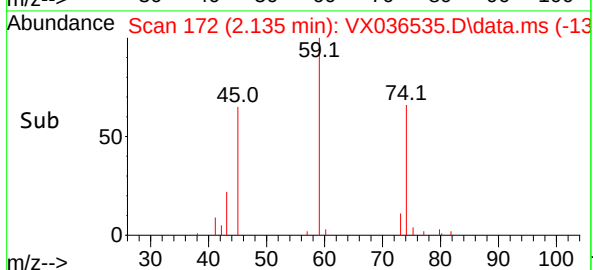
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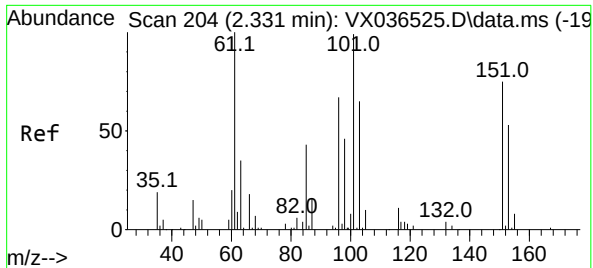


#8
Diethyl Ether
Concen: 2.299 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05



Tgt Ion: 74 Resp: 4031
Ion Ratio Lower Upper
74 100
45 111.5 19.9 178.9





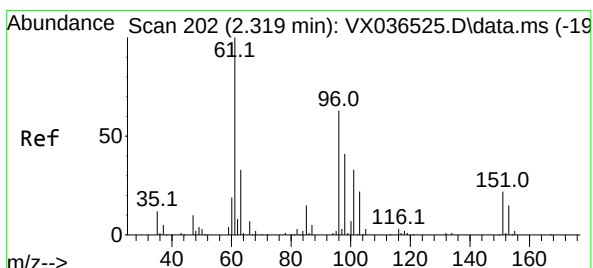
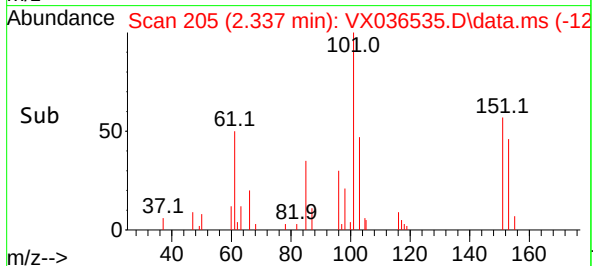
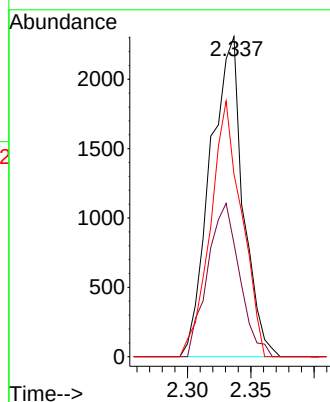
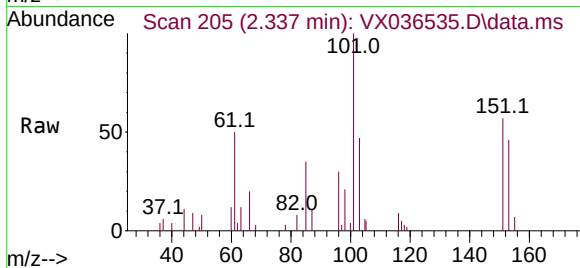
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.188 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion:101 Resp: 418
Ion Ratio Lower Upper
101 100
85 46.5 0.0 91.0
151 75.4 0.0 155.4

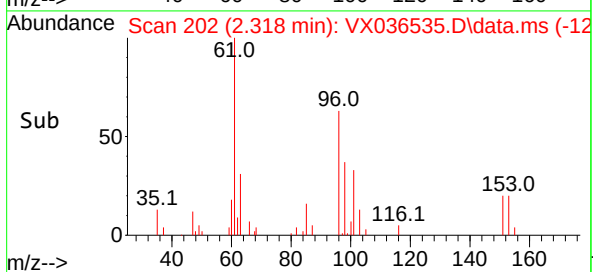
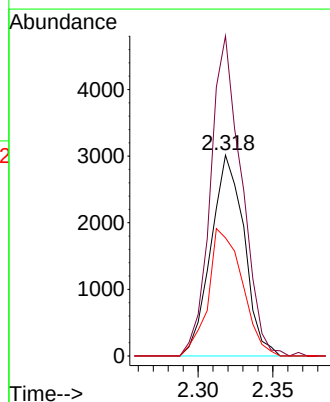
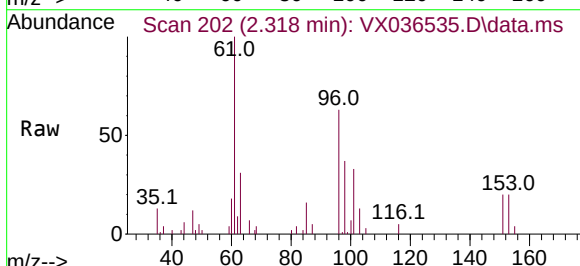
Manual Integrations
APPROVED

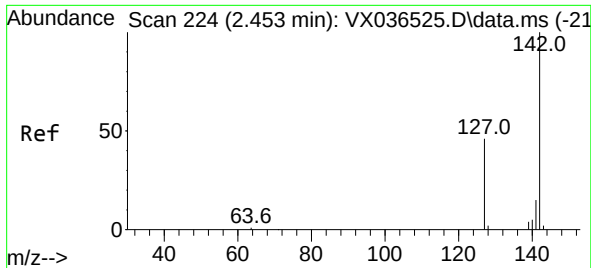
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#10
1,1-Dichloroethene
Concen: 2.409 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

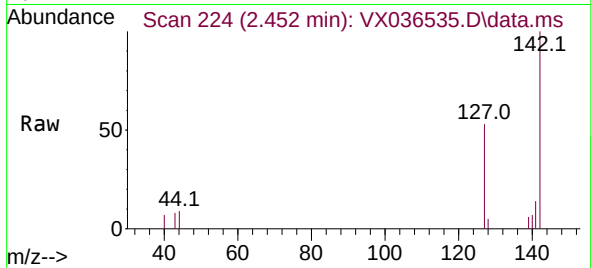
Tgt Ion: 96 Resp: 4652
Ion Ratio Lower Upper
96 100
61 159.4 127.2 190.8
98 58.9 52.7 79.1





#11
Methyl Iodide
Concen: 2.104 ug/l
RT: 2.452 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

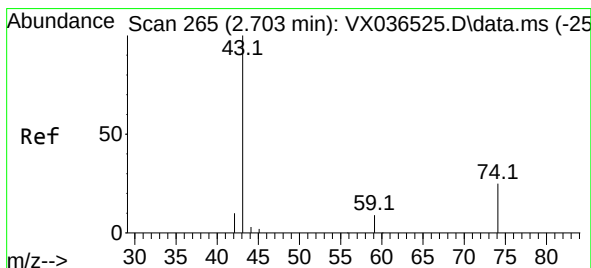
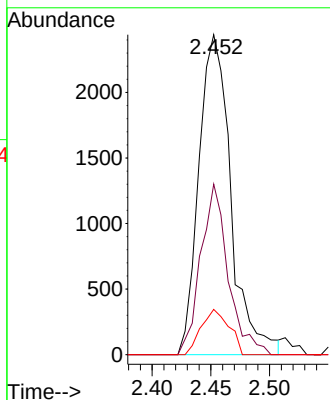
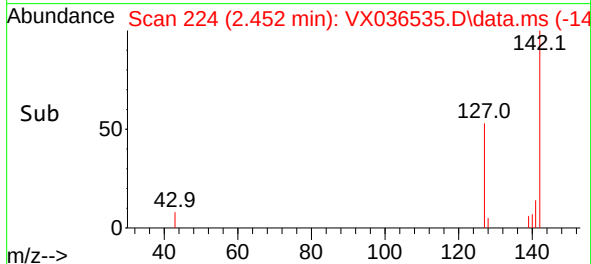
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



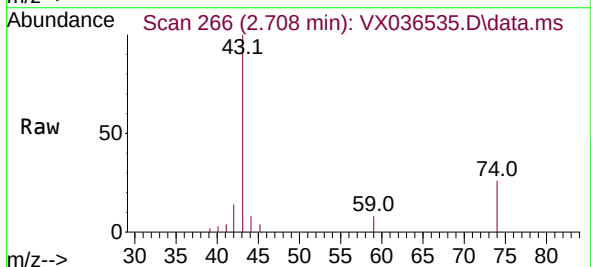
Tgt Ion:142 Resp: 4630
Ion Ratio Lower Upper
142 100
127 54.6 22.9 68.8
141 14.5 7.5 22.6

Manual Integrations
APPROVED

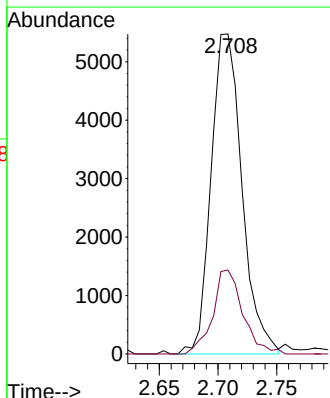
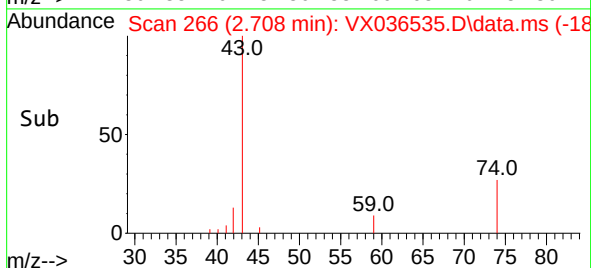
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

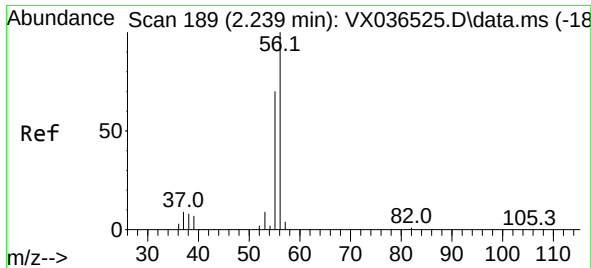


#12
Methyl Acetate
Concen: 2.205 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05



Tgt Ion: 43 Resp: 10010
Ion Ratio Lower Upper
43 100
74 25.7 20.3 30.5





#13

Acrolein

Concen: 11.884 ug/l

RT: 2.245 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX036535.D

Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 56 Resp: 4420

Ion Ratio Lower Upper

56 100

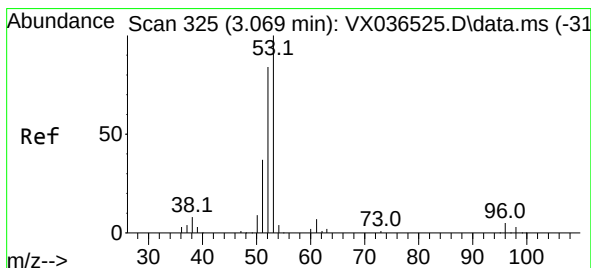
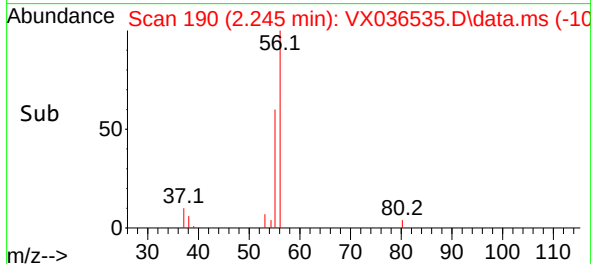
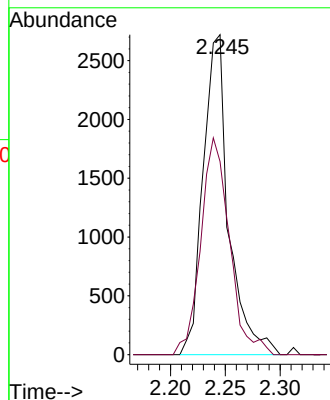
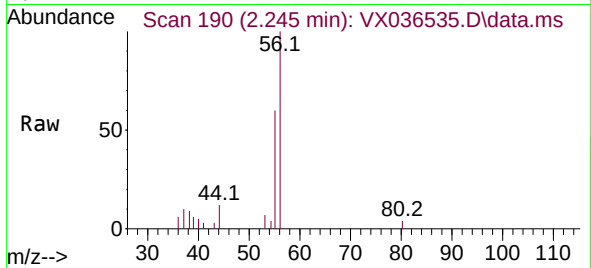
55 75.9 59.7 89.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#14

Acrylonitrile

Concen: 10.912 ug/l

RT: 3.068 min Scan# 325

Delta R.T. -0.000 min

Lab File: VX036535.D

Acq: 13 Jul 2023 19:05

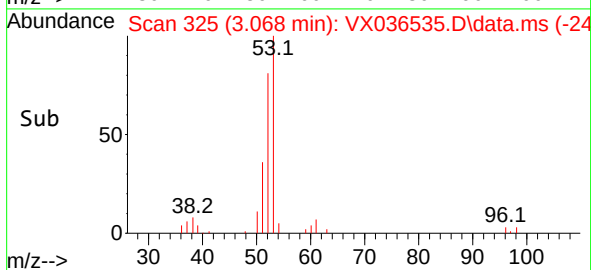
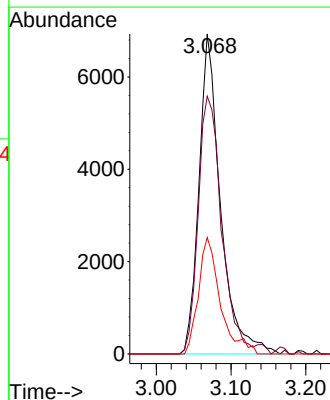
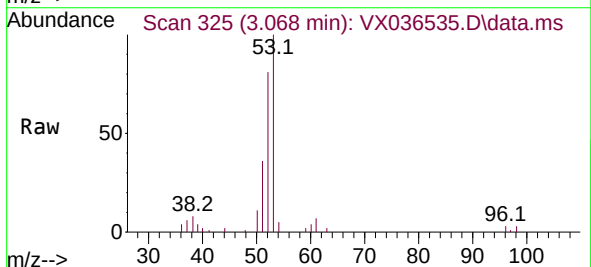
Tgt Ion: 53 Resp: 13886

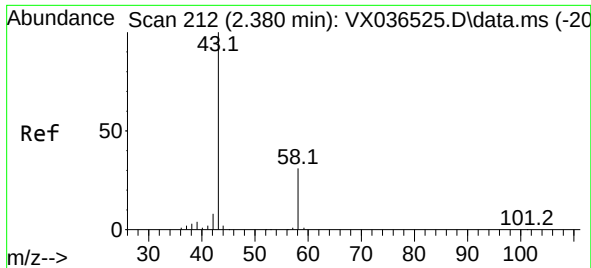
Ion Ratio Lower Upper

53 100

52 87.5 40.0 119.9

51 34.3 18.2 54.6





#15

Acetone

Concen: 11.757 ug/l

RT: 2.385 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX036535.D

Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 58 Resp: 4230

Ion Ratio Lower Upper

58 100

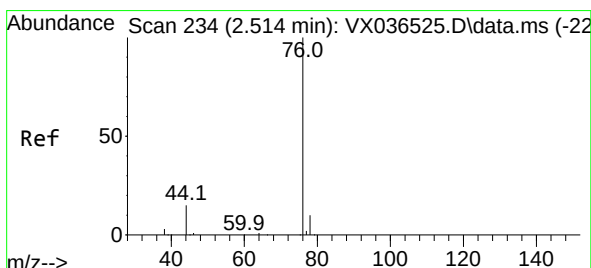
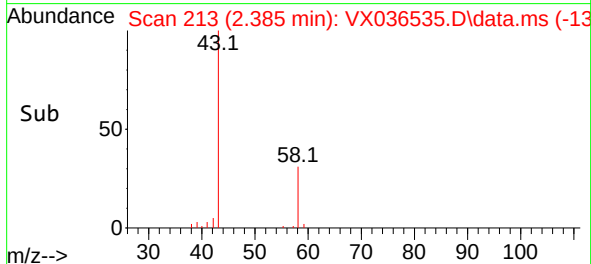
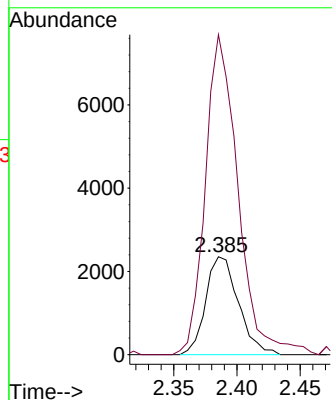
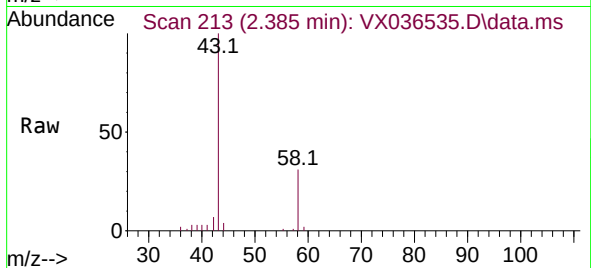
43 322.6 261.0 391.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#16

Carbon Disulfide

Concen: 2.169 ug/l

RT: 2.513 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX036535.D

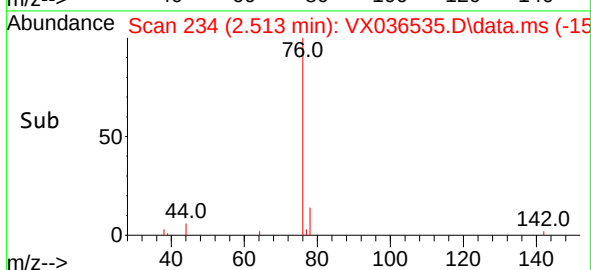
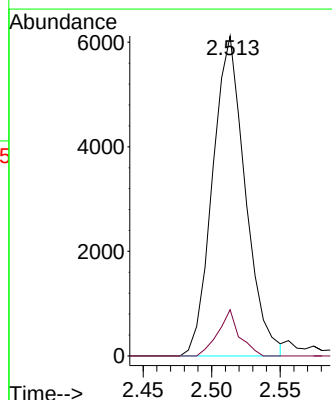
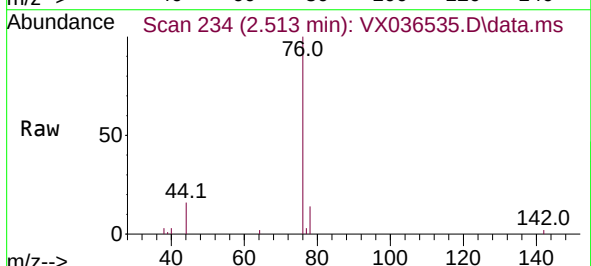
Acq: 13 Jul 2023 19:05

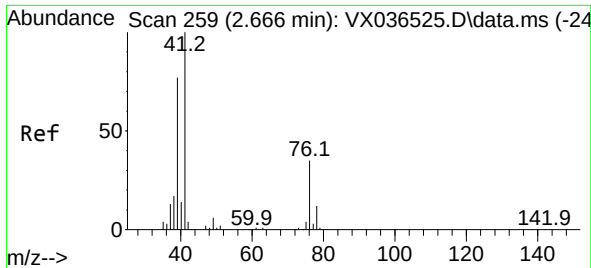
Tgt Ion: 76 Resp: 10163

Ion Ratio Lower Upper

76 100

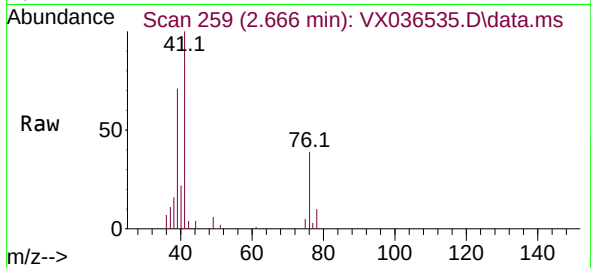
78 14.4 8.0 12.0#





#17
 Allyl chloride
 Concen: 2.217 ug/l
 RT: 2.666 min Scan# 217
 Delta R.T. -0.000 min
 Lab File: VX036535.D
 Acq: 13 Jul 2023 19:05

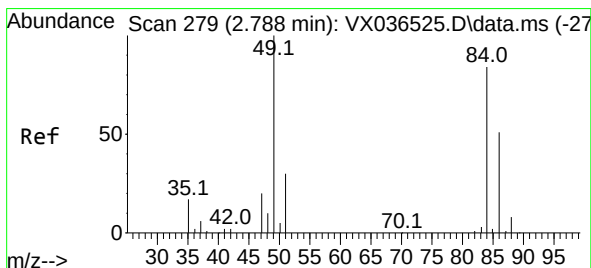
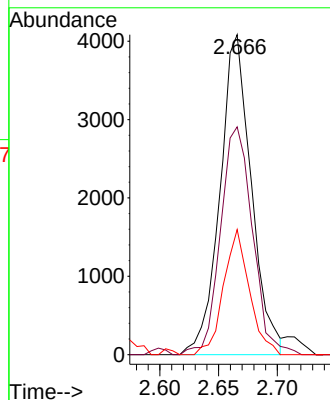
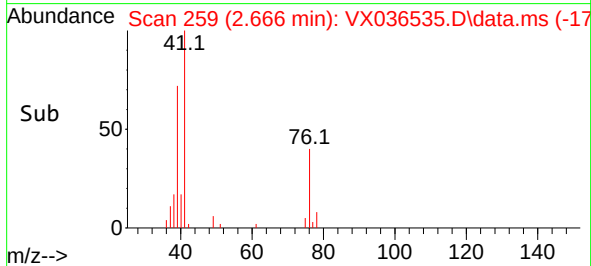
Instrument : MSVOA_X
 ClientSampleId : LOD-MDL-WATER-01-QT3-2023



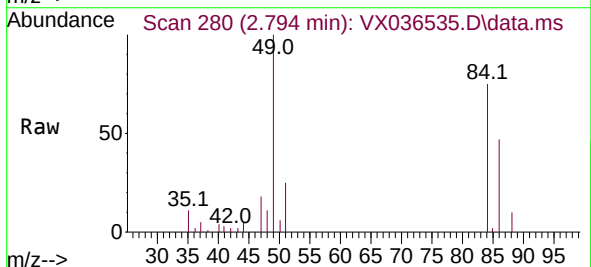
Tgt Ion: 41 Resp: 759
 Ion Ratio Lower Upper
 41 100
 39 71.2 38.5 115.3
 76 39.1 18.6 55.8

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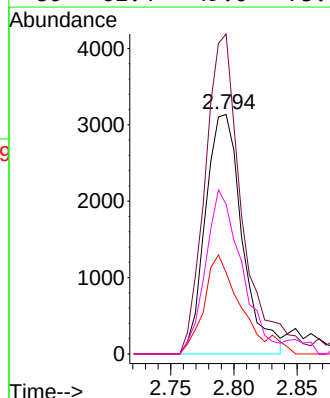
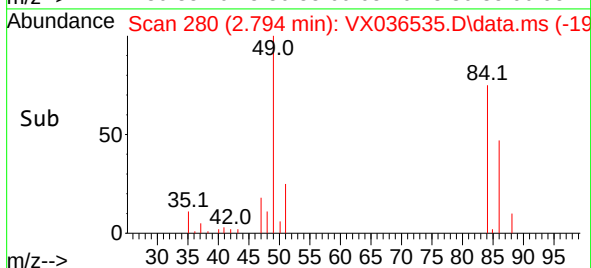
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023

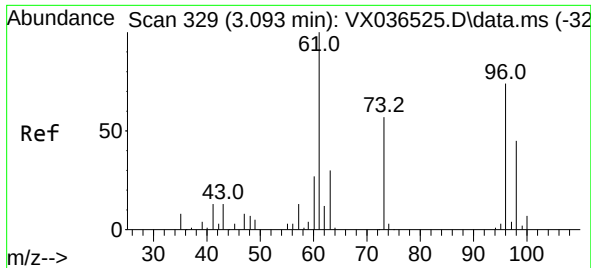


#18
 Methylene Chloride
 Concen: 2.729 ug/l
 RT: 2.794 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VX036535.D
 Acq: 13 Jul 2023 19:05



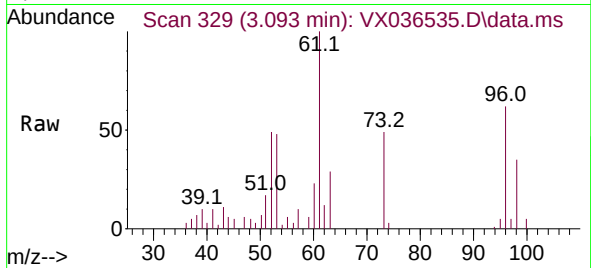
Tgt Ion: 84 Resp: 6348
 Ion Ratio Lower Upper
 84 100
 49 133.6 95.4 143.0
 51 33.9 28.3 42.5
 86 62.4 49.0 73.6





#19
trans-1,2-Dichloroethene
Concen: 2.415 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

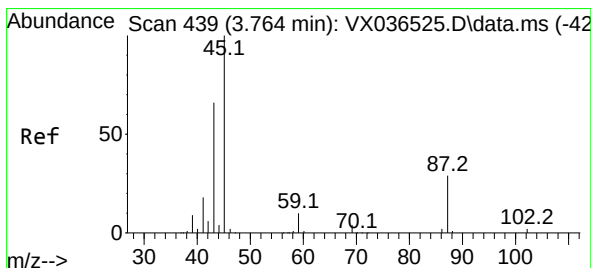
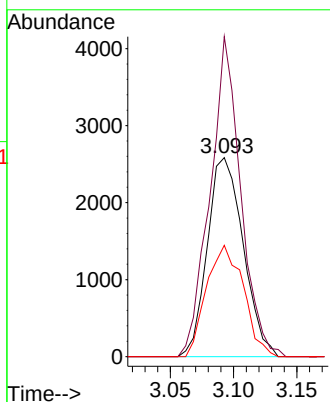
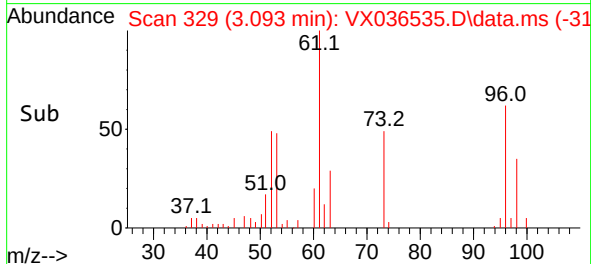
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 96 Resp: 5098
Ion Ratio Lower Upper
96 100
61 160.8 108.7 163.1
98 56.0 49.1 73.7

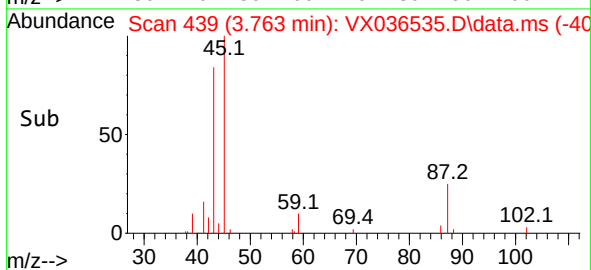
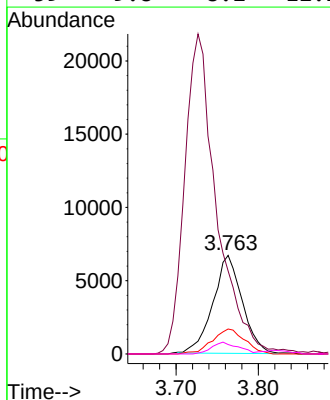
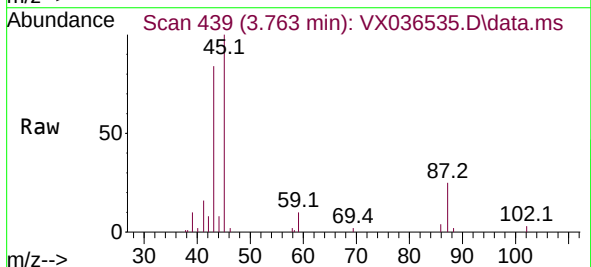
Manual Integrations
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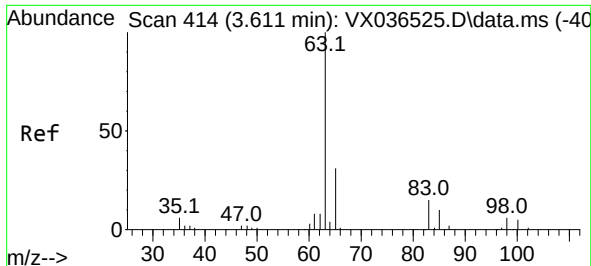
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#20
Diisopropyl ether
Concen: 2.364 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Tgt Ion: 45 Resp: 16509
Ion Ratio Lower Upper
45 100
43 81.0 55.8 83.6
87 25.5 23.0 34.4
59 9.8 8.2 12.2





#21

1,1-Dichloroethane

Concen: 2.382 ug/l

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX036535.D

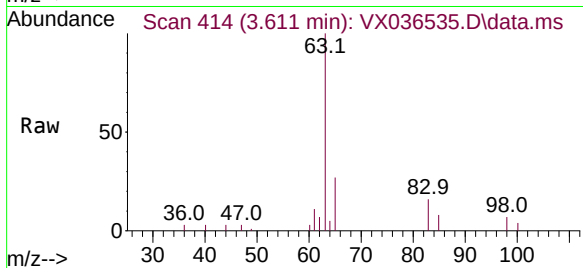
Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



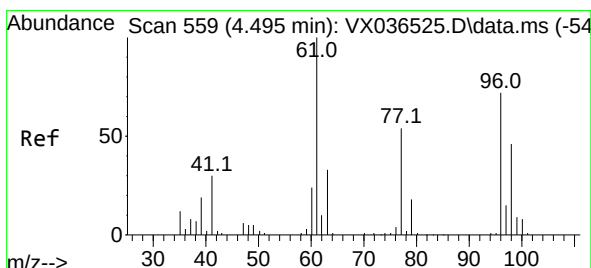
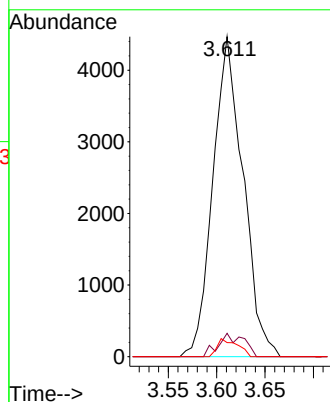
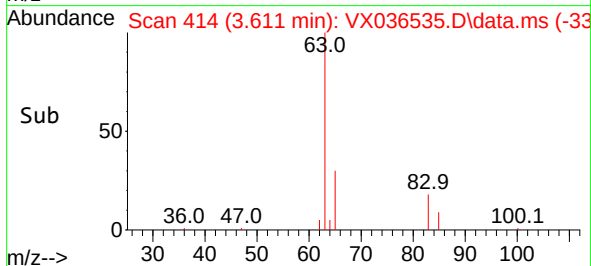
Tgt Ion: 63	Resp: 969
Ion Ratio	Lower Upper
63	100
98	7.3 3.2 9.6
100	4.4 2.3 6.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#22

cis-1,2-Dichloroethene

Concen: 2.415 ug/l m

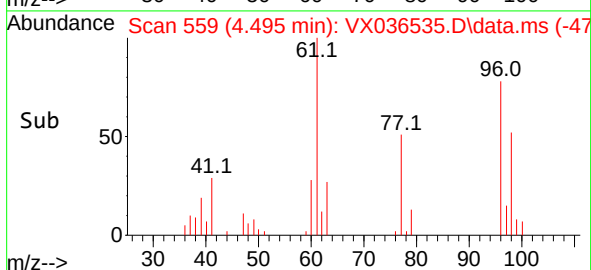
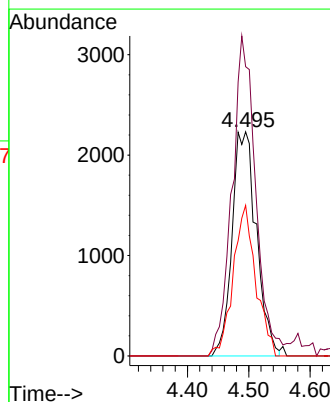
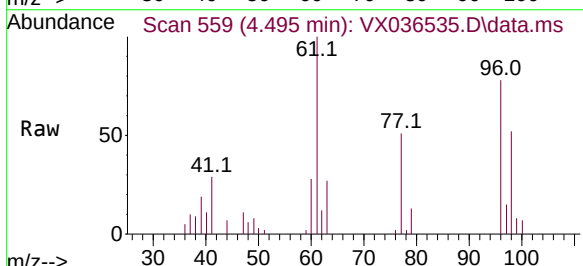
RT: 4.495 min Scan# 559

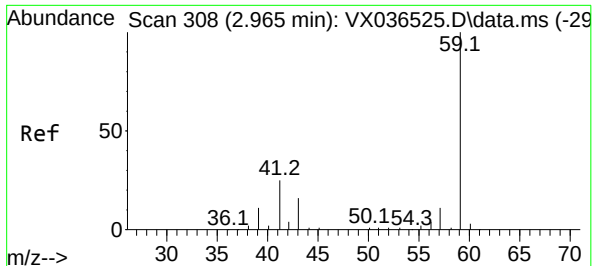
Delta R.T. -0.000 min

Lab File: VX036535.D

Acq: 13 Jul 2023 19:05

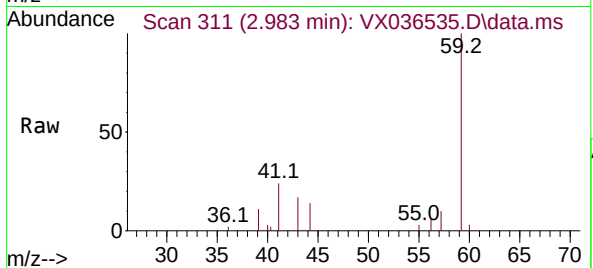
Tgt Ion: 96	Resp: 6137
Ion Ratio	Lower Upper
96	100
61	138.7 114.0 171.0
98	61.5 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 11.776 ug/l m
RT: 2.983 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

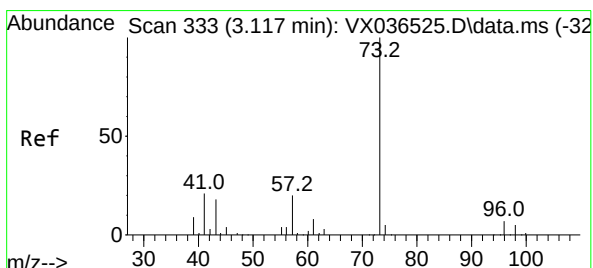
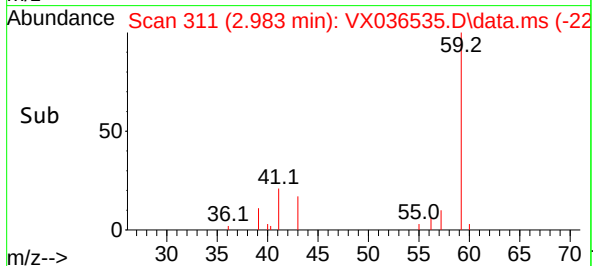
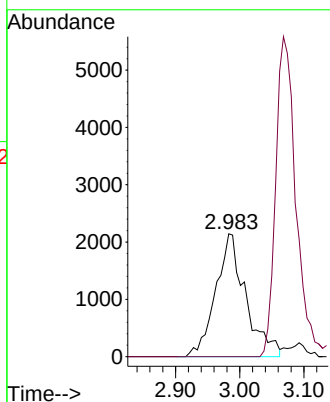
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 59 Resp: 6959
Ion Ratio Lower Upper
59 100
52 0.0 142.6 213.8

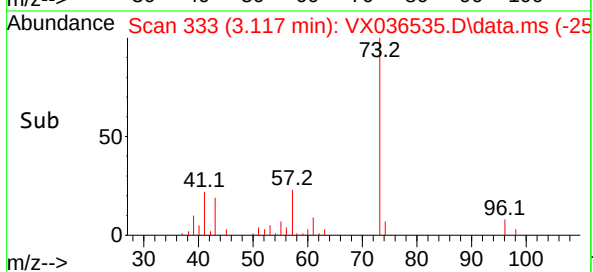
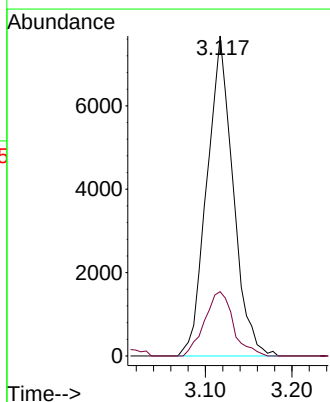
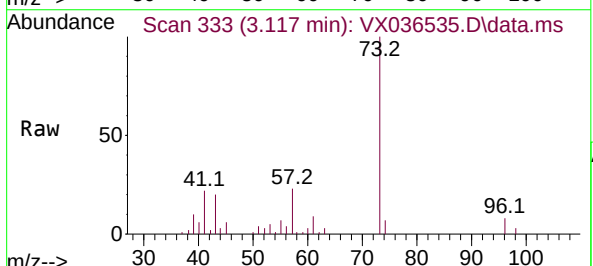
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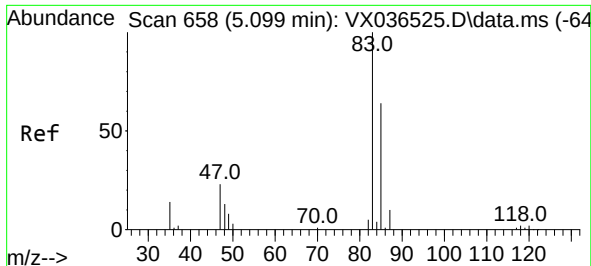
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#24
Methyl tert-Butyl Ether
Concen: 2.294 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

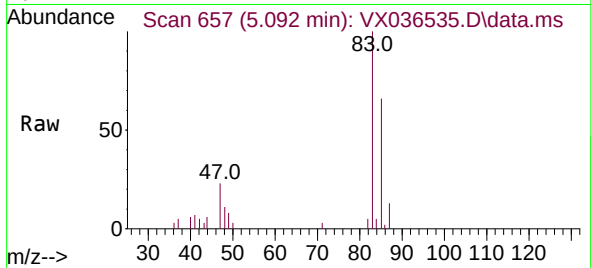
Tgt Ion: 73 Resp: 16116
Ion Ratio Lower Upper
73 100
43 22.0 16.8 25.2





#25
Chloroform
Concen: 2.295 ug/l
RT: 5.092 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

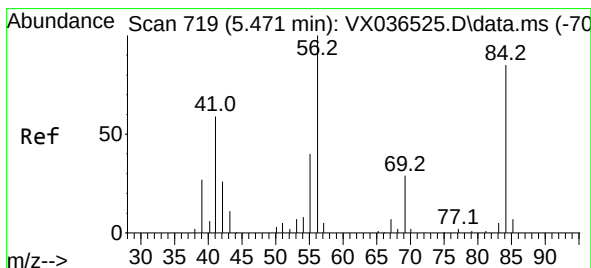
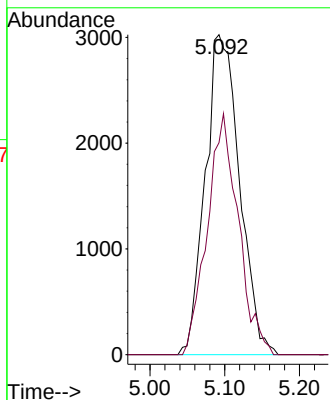
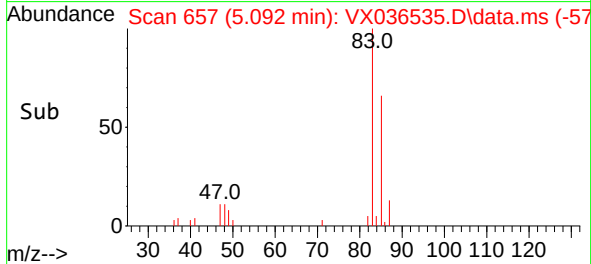
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 83 Resp: 966
Ion Ratio Lower Upper
83 100
85 66.2 51.5 77.3

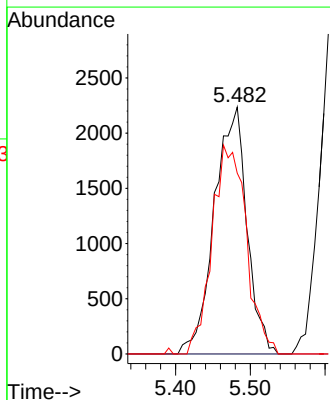
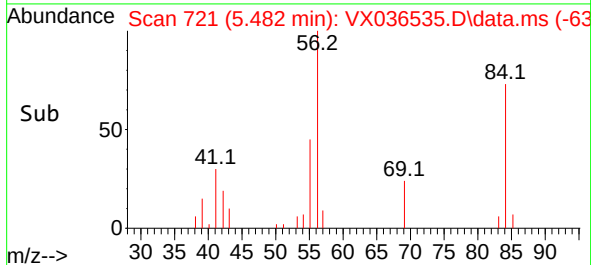
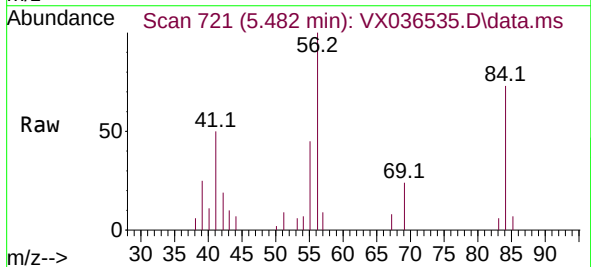
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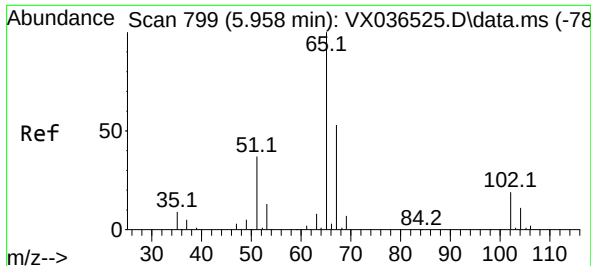
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#26
Cyclohexane
Concen: 2.169 ug/l
RT: 5.482 min Scan# 721
Delta R.T. 0.012 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Tgt Ion: 56 Resp: 6776
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.9 71.4 107.2





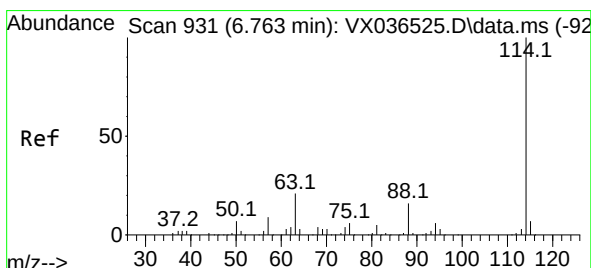
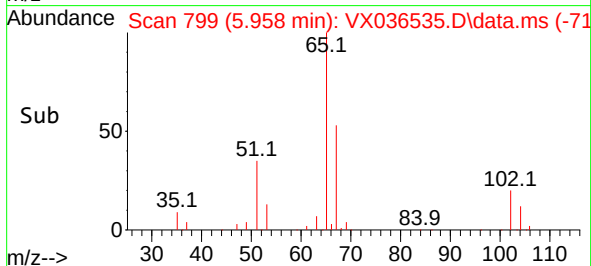
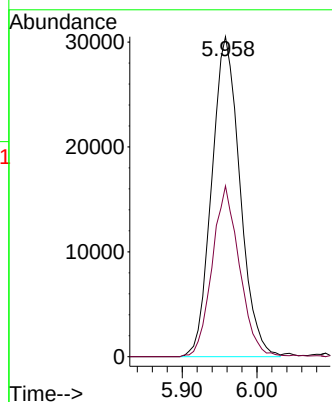
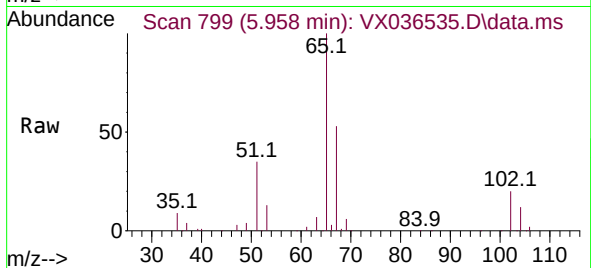
#27
1,2-Dichloroethane-d4
Concen: 29.184 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 65 Resp: 7994
Ion Ratio Lower Upper
65 100
67 51.5 42.1 63.1

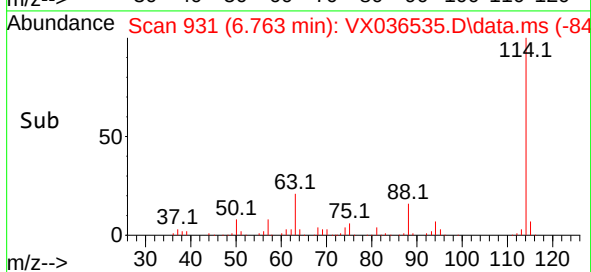
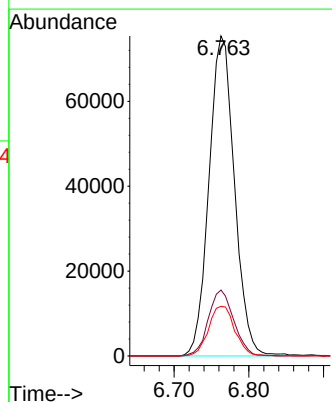
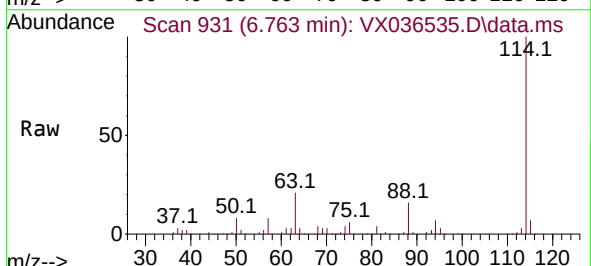
Manual Integrations
APPROVED

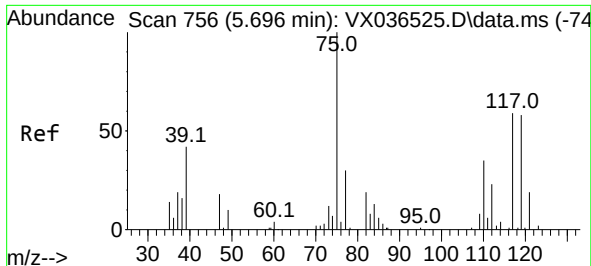
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Tgt Ion:114 Resp: 178550
Ion Ratio Lower Upper
114 100
63 20.6 16.6 24.8
88 16.0 12.9 19.3





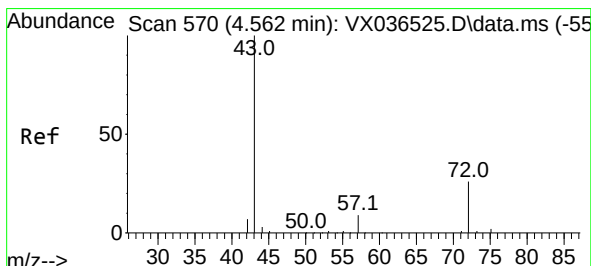
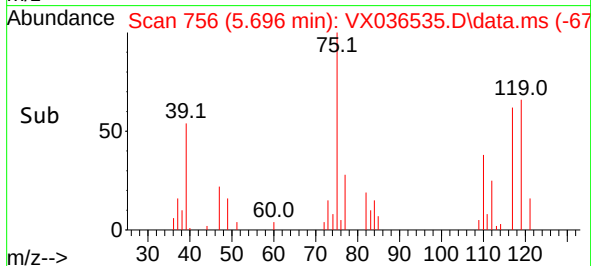
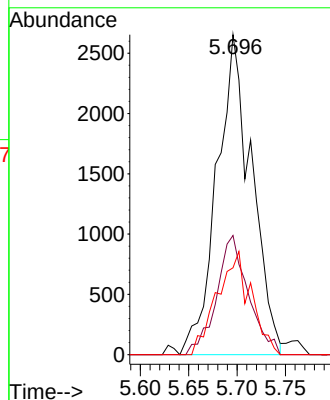
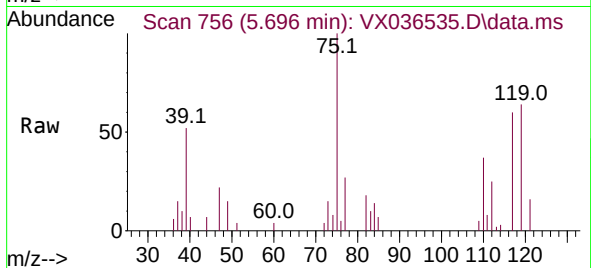
#29
1,1-Dichloropropene
Concen: 2.465 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 75 Resp: 663
Ion Ratio Lower Upper
75 100
110 34.0 0.0 70.4
77 24.0 0.0 62.8

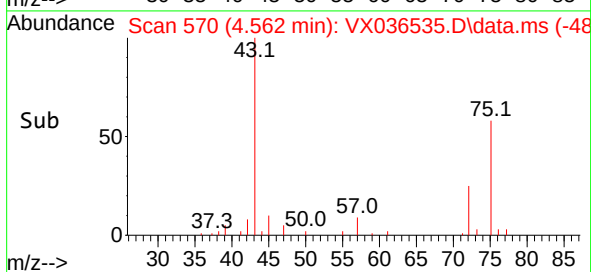
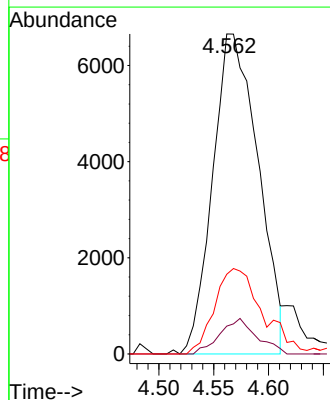
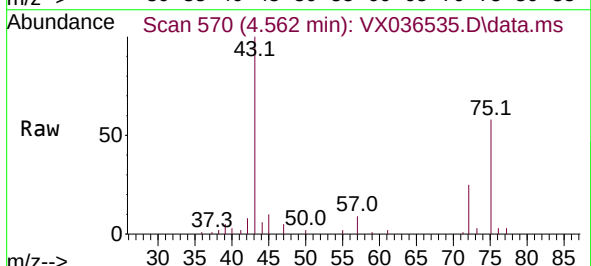
Manual Integrations
APPROVED

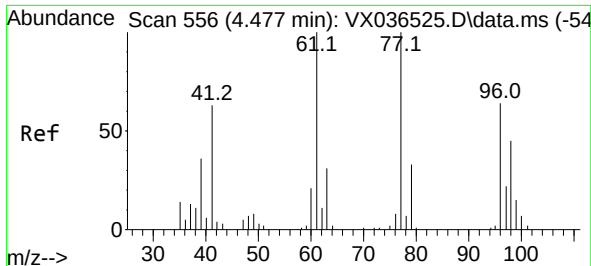
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#30
2-Butanone
Concen: 11.316 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Tgt Ion: 43 Resp: 19184
Ion Ratio Lower Upper
43 100
57 9.0 6.4 9.6
72 24.1 21.6 32.4





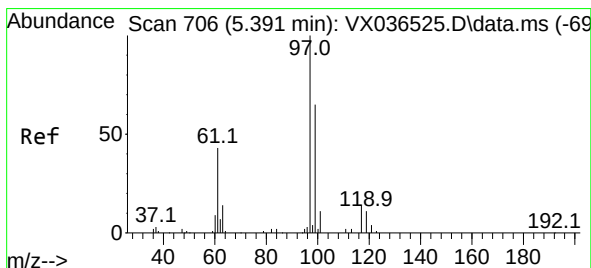
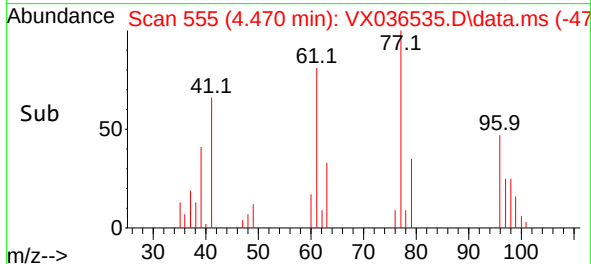
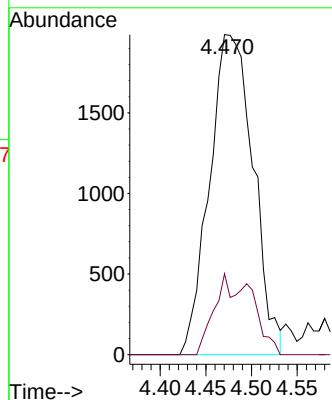
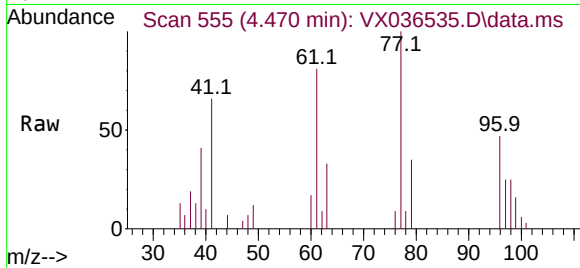
#31
2,2-Dichloropropane
Concen: 2.234 ug/l
RT: 4.470 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 77 Resp: 659
Ion Ratio Lower Upper
77 100
97 9.7 18.6 27.8

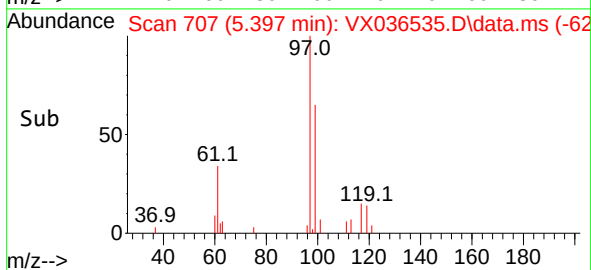
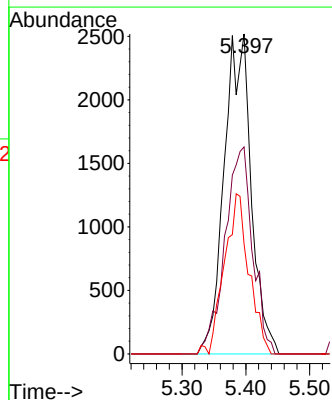
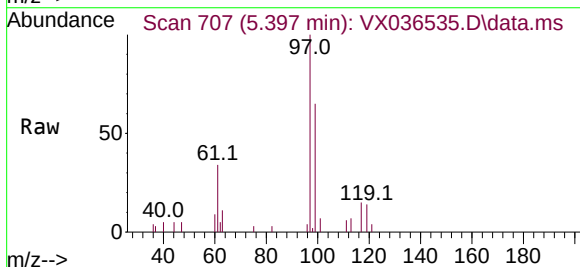
Manual Integrations
APPROVED

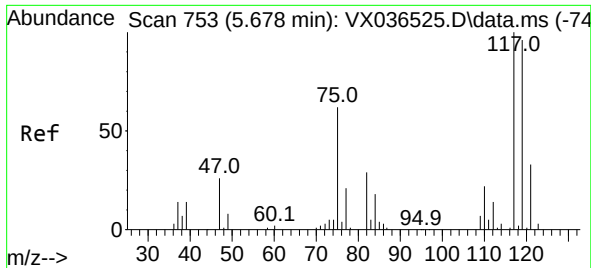
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#32
1,1,1-Trichloroethane
Concen: 2.309 ug/l m
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

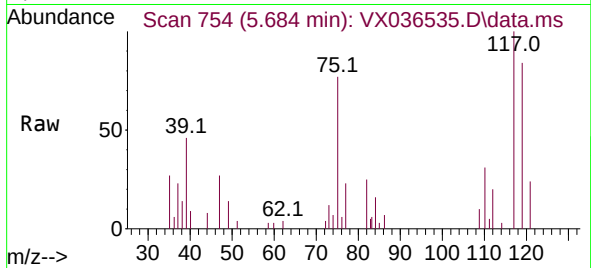
Tgt Ion: 97 Resp: 7386
Ion Ratio Lower Upper
97 100
99 66.2 51.5 77.3
61 0.0 35.8 53.8





#33
Carbon Tetrachloride
Concen: 2.188 ug/l
RT: 5.684 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

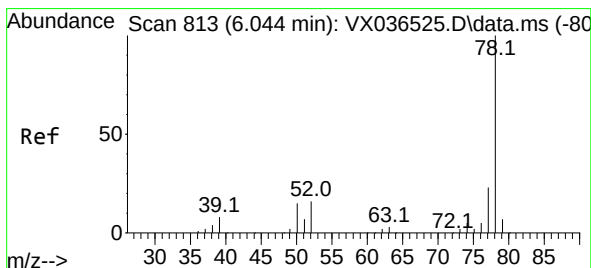
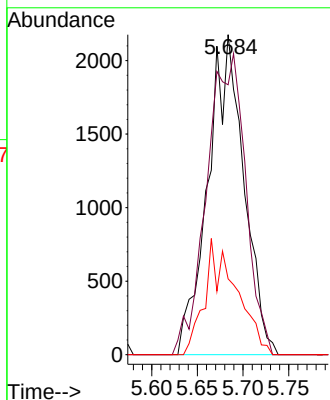
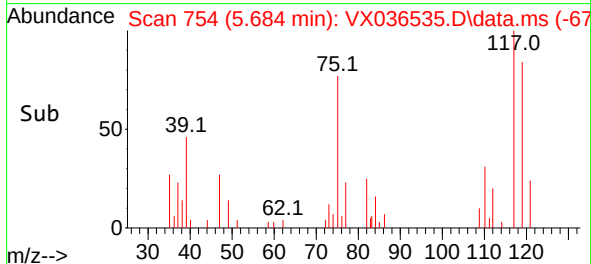
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:117 Resp: 597
Ion Ratio Lower Upper
117 100
119 84.4 76.6 115.0
121 23.7 26.5 39.7

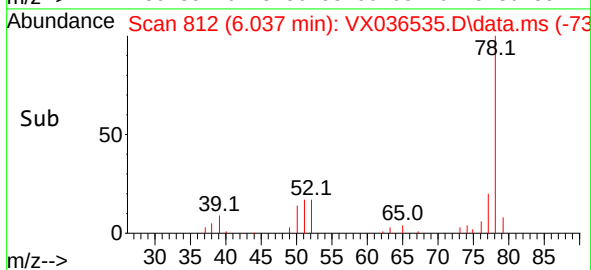
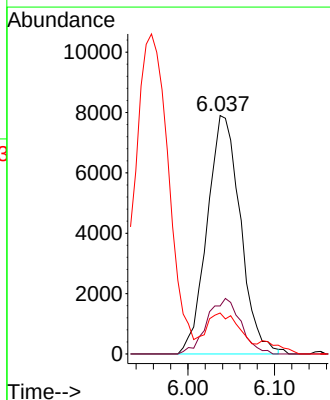
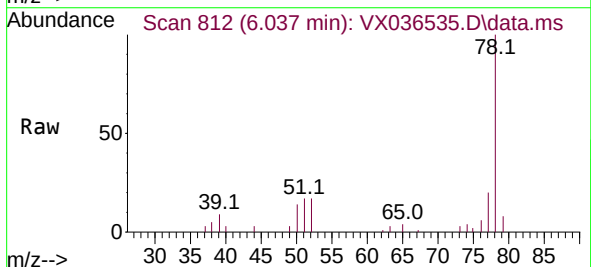
Manual Integrations
APPROVED

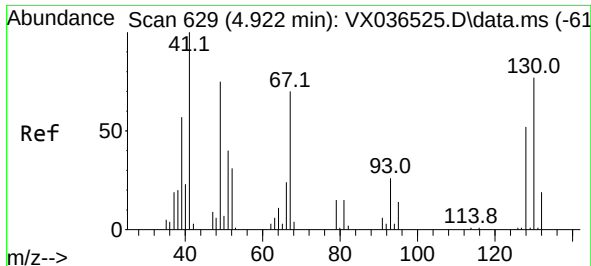
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#34
Benzene
Concen: 2.534 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.007 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

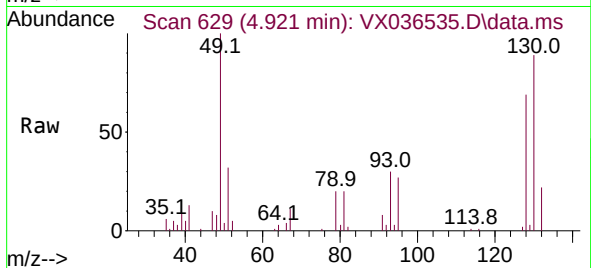
Tgt Ion: 78 Resp: 21034
Ion Ratio Lower Upper
78 100
77 20.2 18.7 28.1
51 13.5 14.2 21.4





#35
Methacrylonitrile
Concen: 2.407 ug/l m
RT: 4.921 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

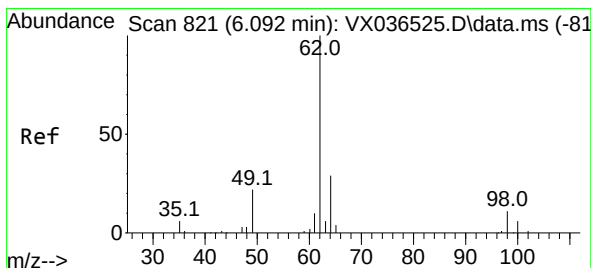
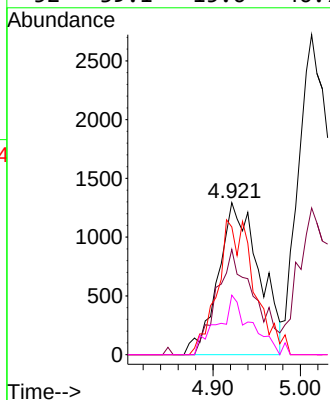
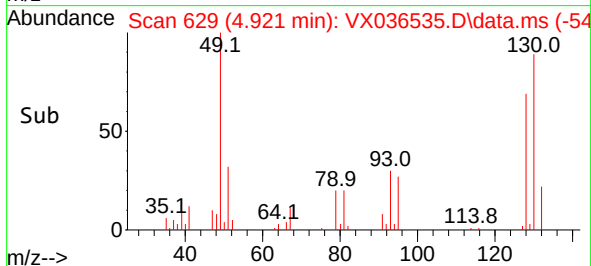
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 41 Resp: 423
Ion Ratio Lower Upper
41 100
39 69.3 28.2 84.7
67 84.1 35.0 105.1
52 39.1 15.6 46.7

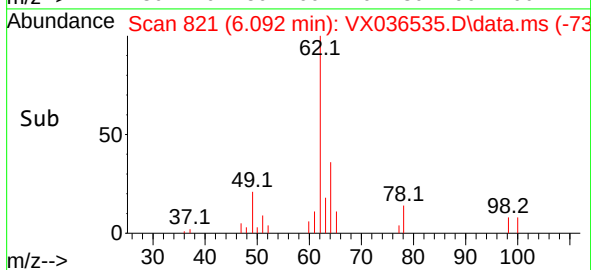
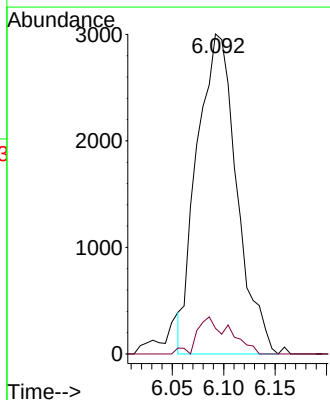
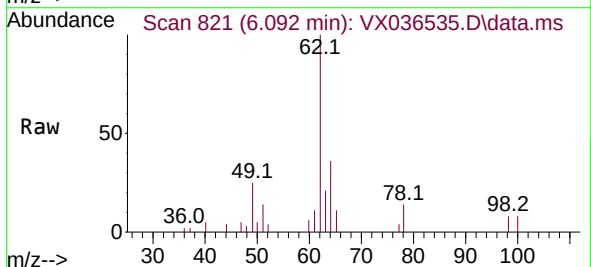
Manual Integrations
APPROVED

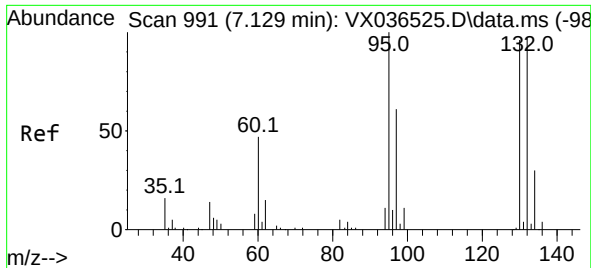
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#36
1,2-Dichloroethane
Concen: 2.528 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

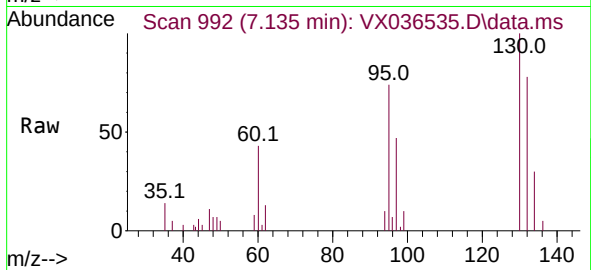
Tgt Ion: 62 Resp: 8056
Ion Ratio Lower Upper
62 100
98 5.9 7.0 10.6#





#37
Trichloroethene
Concen: 2.561 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

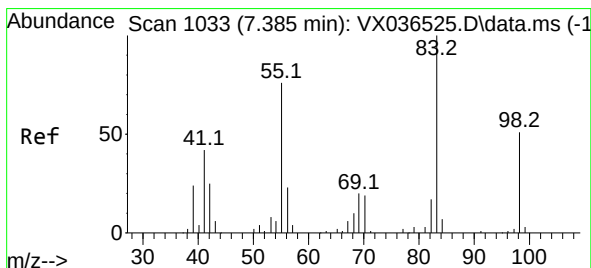
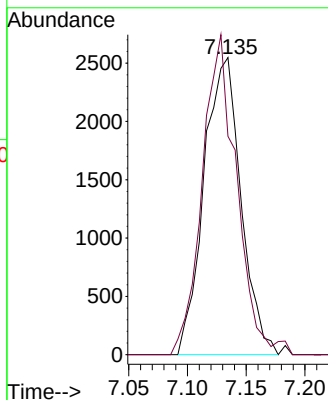
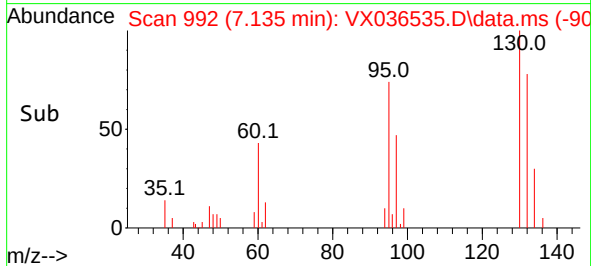
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:130 Resp: 5594
Ion Ratio Lower Upper
130 100
95 69.1 83.2 124.8

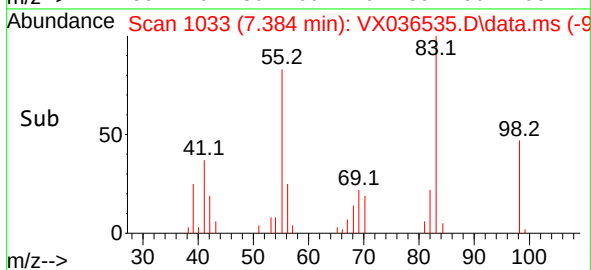
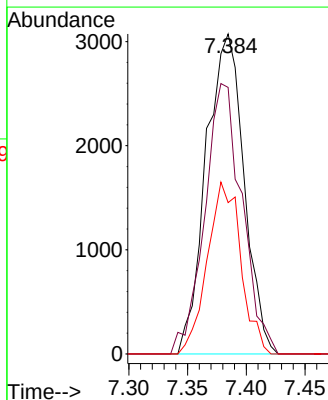
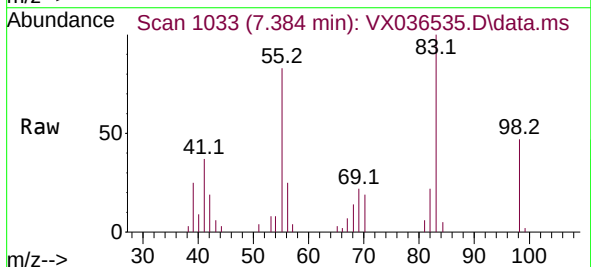
Manual Integrations
APPROVED

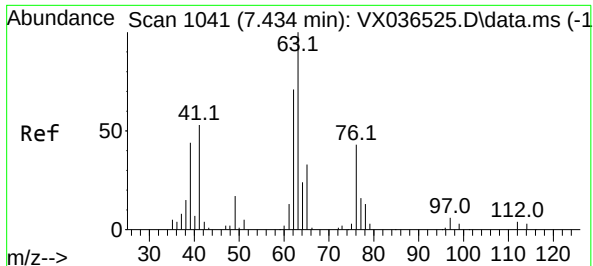
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#38
Methylcyclohexane
Concen: 2.206 ug/l
RT: 7.384 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Tgt Ion: 83 Resp: 6910
Ion Ratio Lower Upper
83 100
55 83.0 38.1 114.5
98 47.3 24.4 73.4





#39

1,2-Dichloropropane

Concen: 2.527 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX036535.D

Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 63 Resp: 568

Ion Ratio Lower Upper

63 100

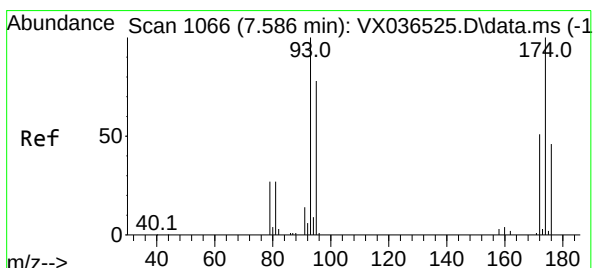
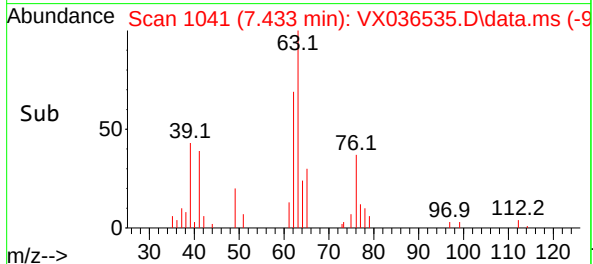
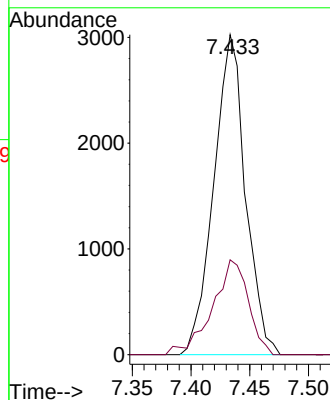
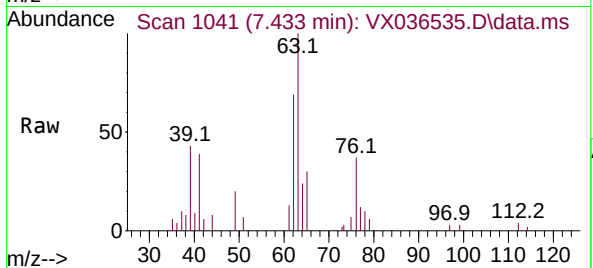
65 29.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#40

Dibromomethane

Concen: 2.468 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX036535.D

Acq: 13 Jul 2023 19:05

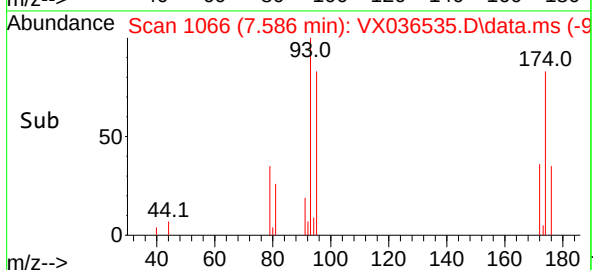
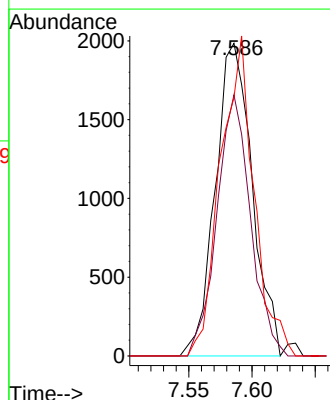
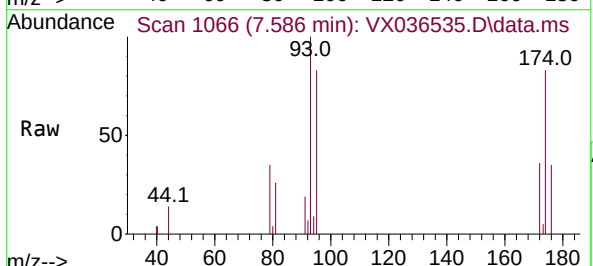
Tgt Ion: 93 Resp: 4022

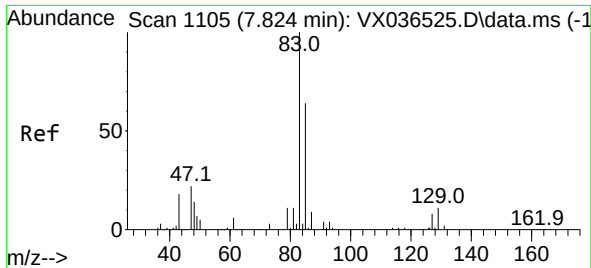
Ion Ratio Lower Upper

93 100

95 76.3 0.0 166.8

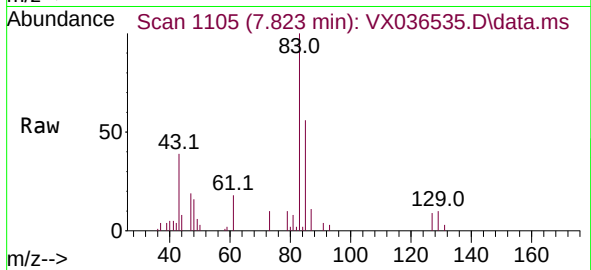
174 93.0 0.0 191.6





#41
Bromodichloromethane
Concen: 2.348 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

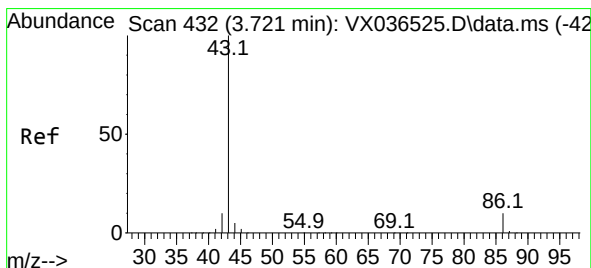
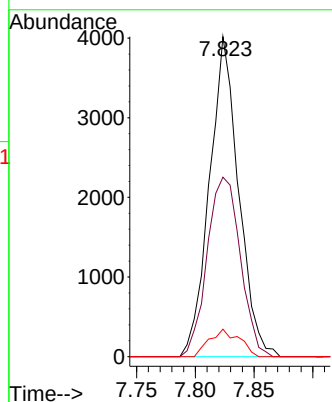
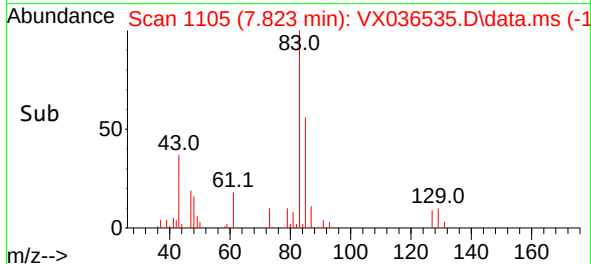
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 83 Resp: 6944
Ion Ratio Lower Upper
83 100
85 56.1 51.5 77.3
127 8.6 6.4 9.6

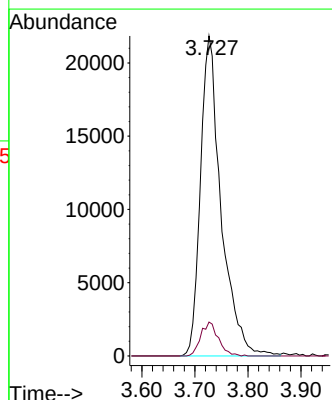
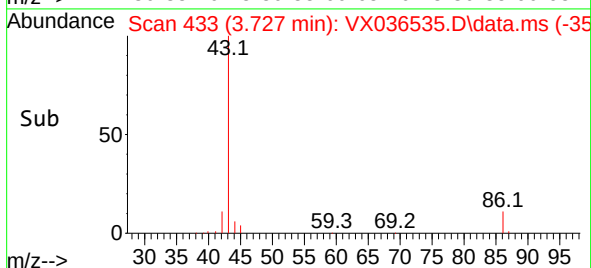
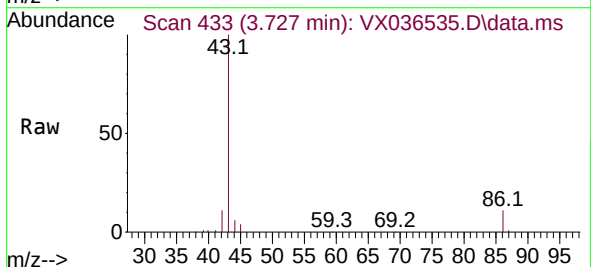
Manual Integrations
APPROVED

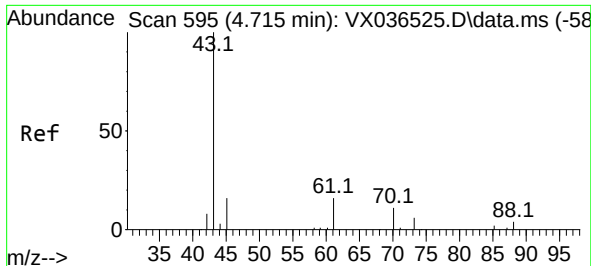
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#42
Vinyl Acetate
Concen: 11.543 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

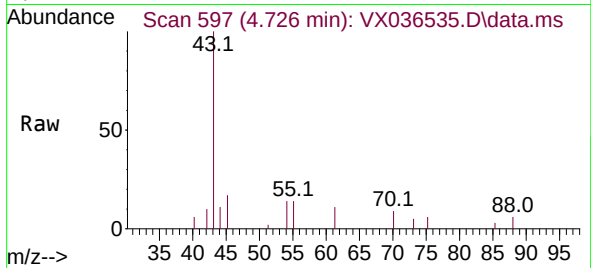
Tgt Ion: 43 Resp: 59110
Ion Ratio Lower Upper
43 100
86 9.0 7.4 11.0





#43
Ethyl Acetate
Concen: 2.208 ug/l
RT: 4.726 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

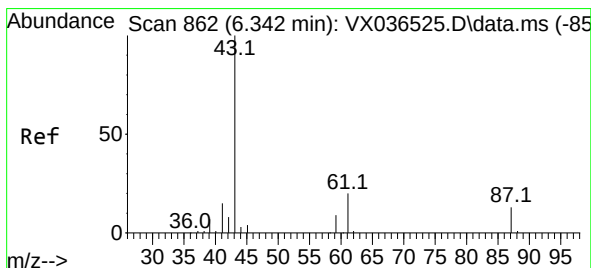
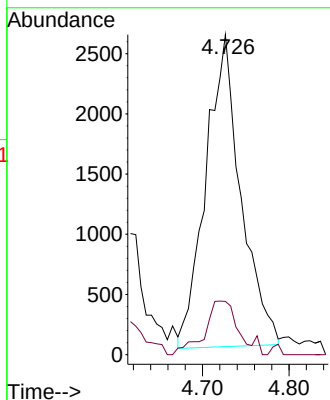
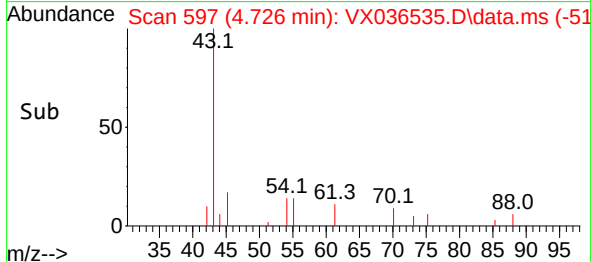
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 43 Resp: 7285
Ion Ratio Lower Upper
43 100
45 13.6 12.6 18.8

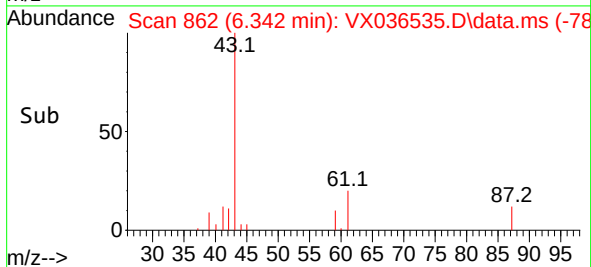
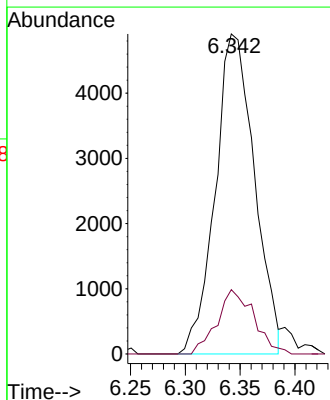
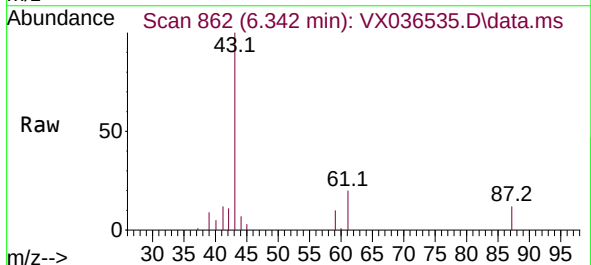
Manual Integrations
APPROVED

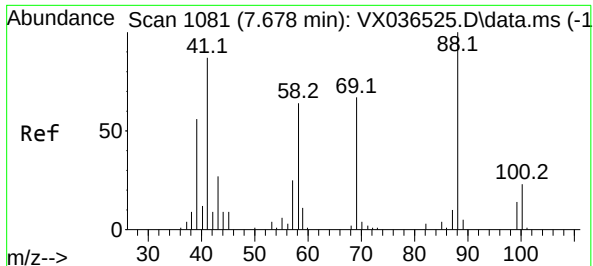
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#44
Isopropyl Acetate
Concen: 2.321 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

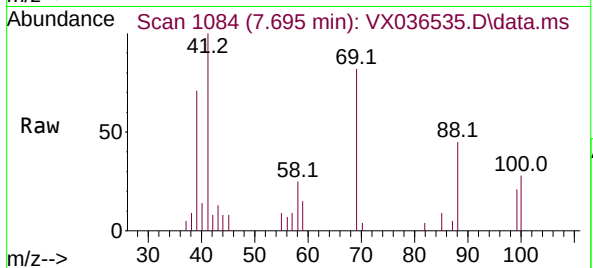
Tgt Ion: 43 Resp: 12214
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.0





#45
1,4-Dioxane
Concen: 48.279 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.018 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

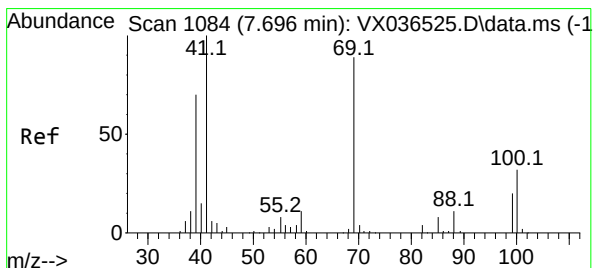
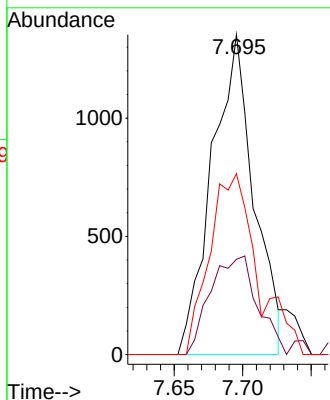
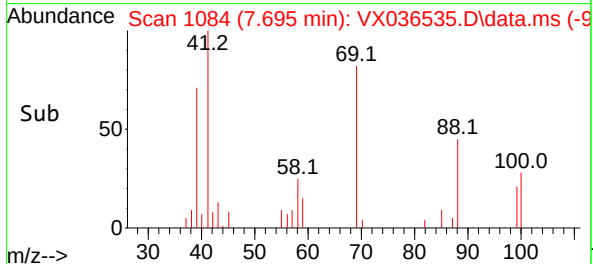
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 88 Resp: 2884
Ion Ratio Lower Upper
88 100
43 34.6 297.5 446.3
58 55.2 1.0 1.4

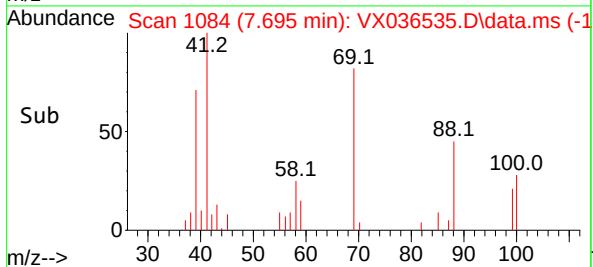
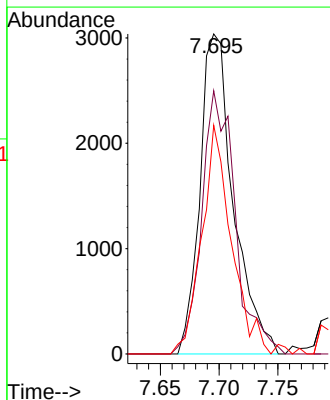
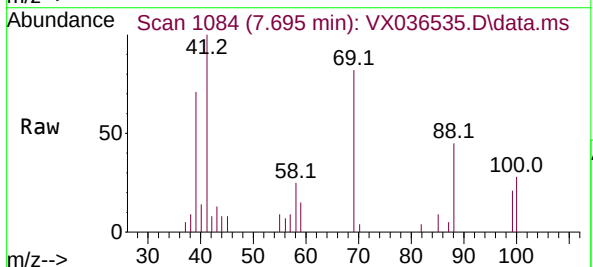
Manual Integrations
APPROVED

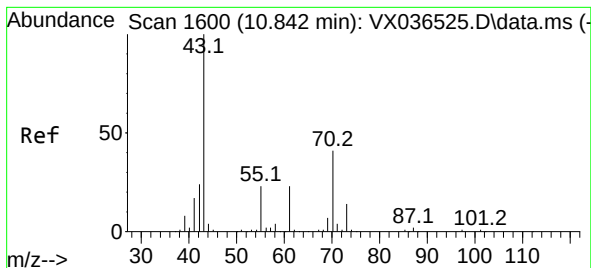
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#46
Methyl methacrylate
Concen: 2.399 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Tgt Ion: 41 Resp: 6033
Ion Ratio Lower Upper
41 100
69 80.0 44.4 133.1
39 68.4 34.9 104.7





#47

n-amy1 Acetate

Concen: 2.062 ug/l

RT: 10.847 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX036535.D

Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 43 Resp: 920

Ion Ratio Lower Upper

43 100

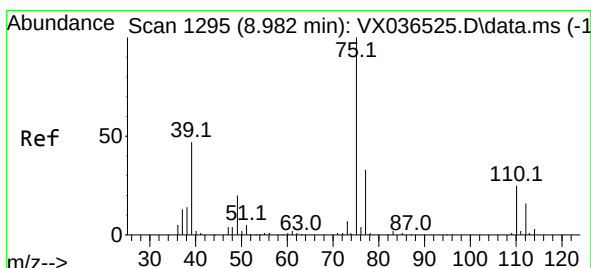
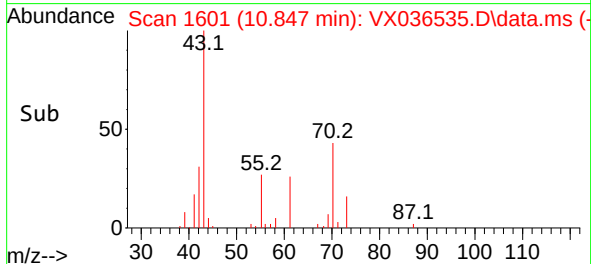
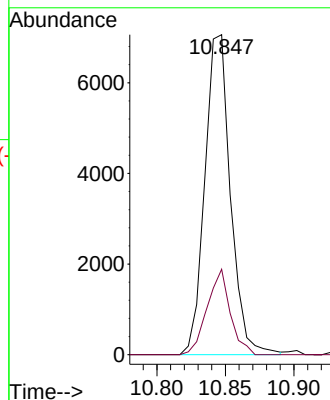
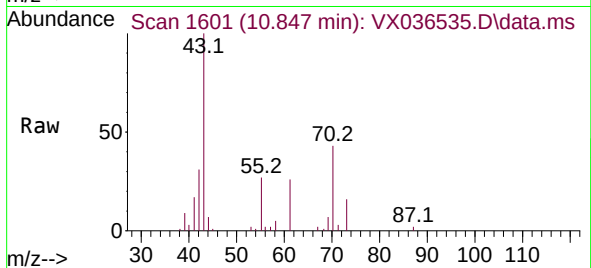
55 24.0 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#48

t-1,3-Dichloropropene

Concen: 1.923 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX036535.D

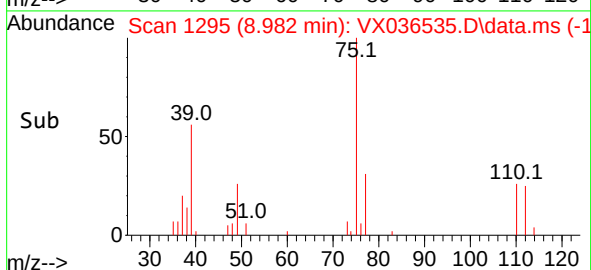
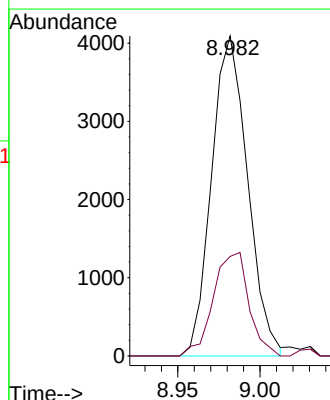
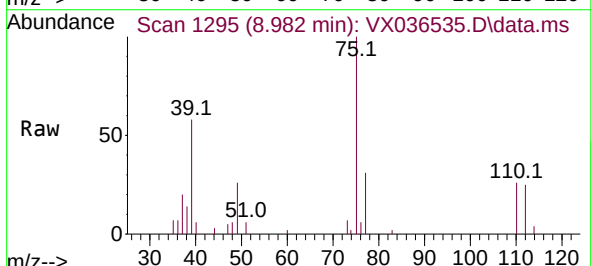
Acq: 13 Jul 2023 19:05

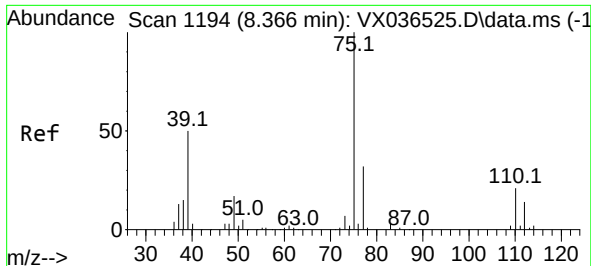
Tgt Ion: 75 Resp: 6239

Ion Ratio Lower Upper

75 100

77 31.1 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 2.181 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036535.D

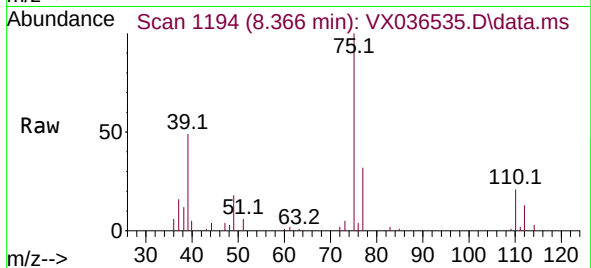
Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



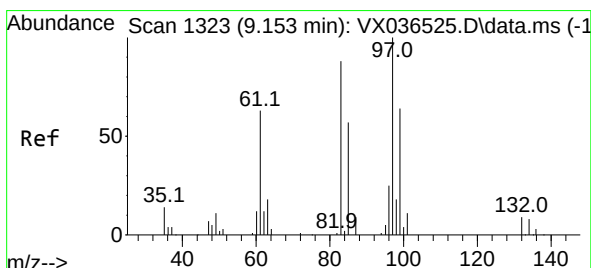
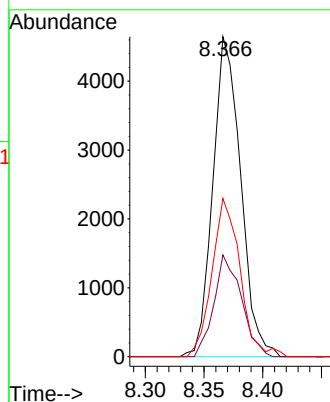
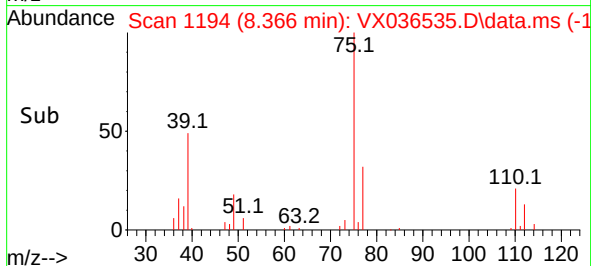
Tgt Ion:	75	Resp:	764
Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2
39	49.4	40.2	60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#50

1,1,2-Trichloroethane

Concen: 2.585 ug/l

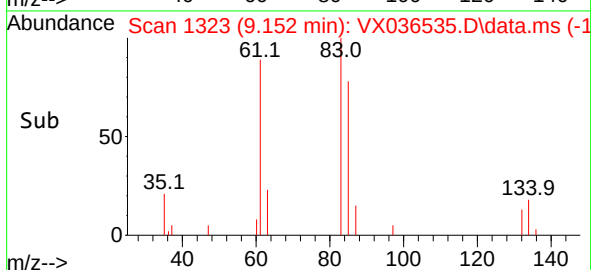
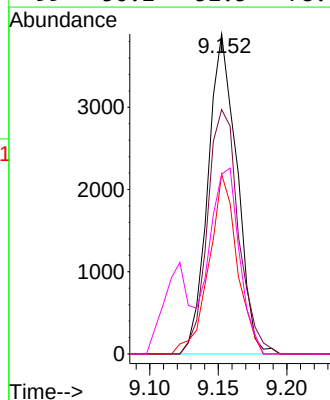
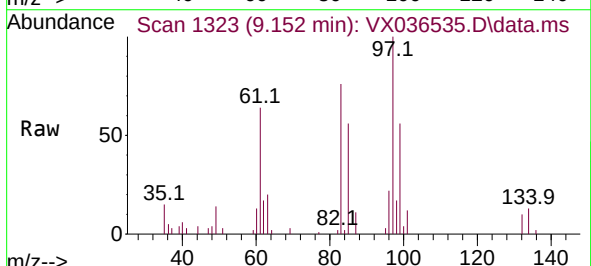
RT: 9.152 min Scan# 1323

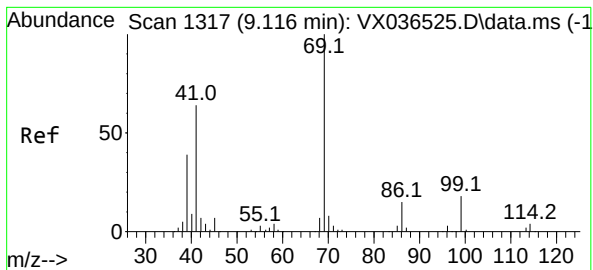
Delta R.T. -0.000 min

Lab File: VX036535.D

Acq: 13 Jul 2023 19:05

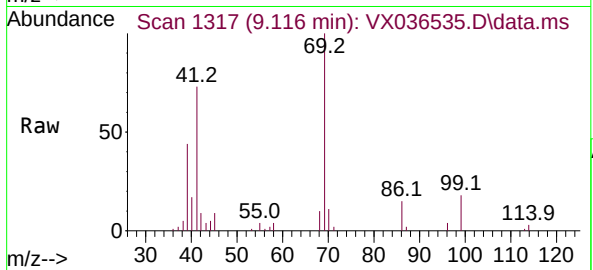
Tgt Ion:	97	Resp:	5719
Ion	Ratio	Lower	Upper
97	100		
83	76.4	70.0	105.0
85	56.2	46.1	69.1
99	56.2	52.5	78.7





#51
Ethyl methacrylate
Concen: 2.231 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

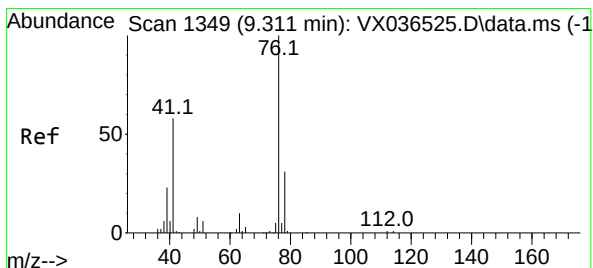
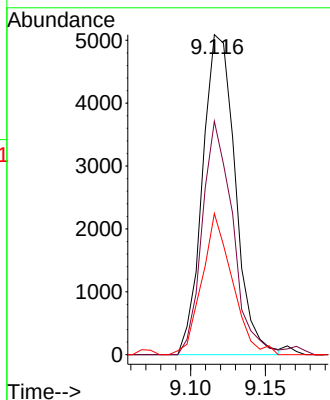
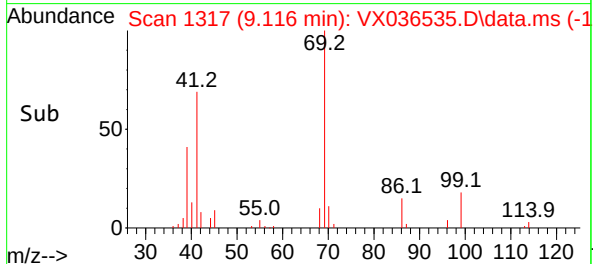
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 69 Resp: 7749
Ion Ratio Lower Upper
69 100
41 72.9 32.0 96.0
39 44.1 19.4 58.4

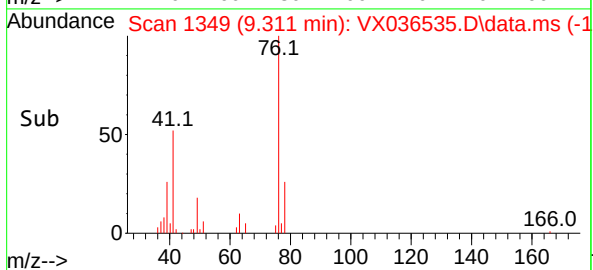
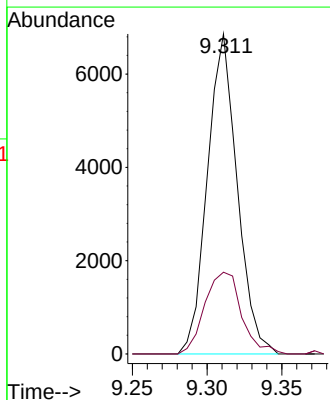
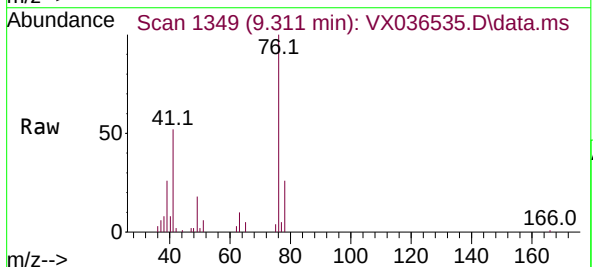
Manual Integrations
APPROVED

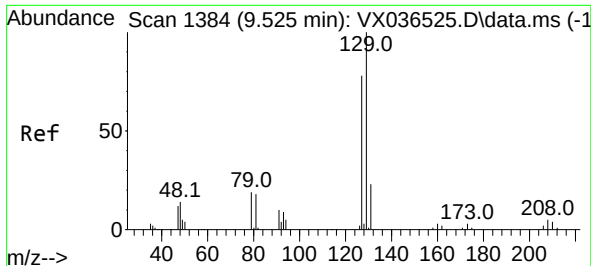
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#52
1,3-Dichloropropane
Concen: 2.550 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

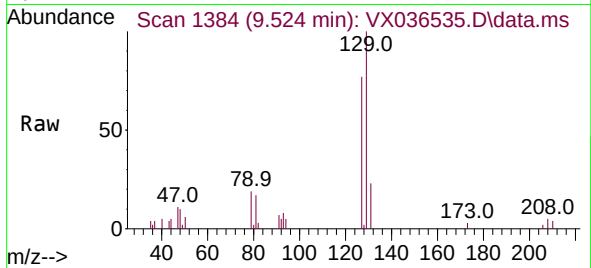
Tgt Ion: 76 Resp: 9518
Ion Ratio Lower Upper
76 100
78 31.4 0.0 63.6





#53
Dibromochloromethane
Concen: 2.105 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

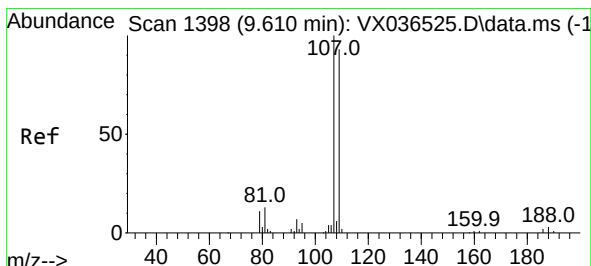
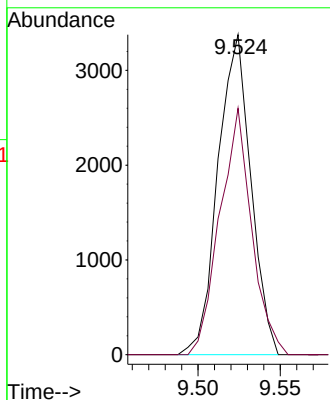
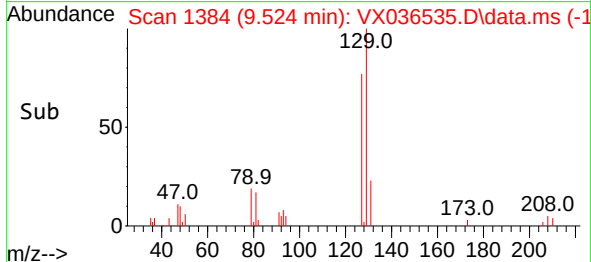
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



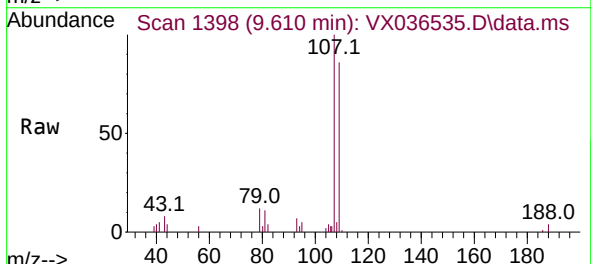
Tgt Ion:129 Resp: 4700
Ion Ratio Lower Upper
129 100
127 74.6 38.6 115.8

Manual Integrations
APPROVED

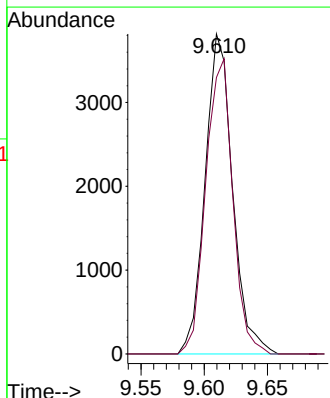
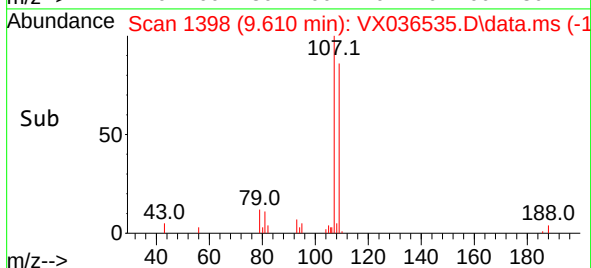
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

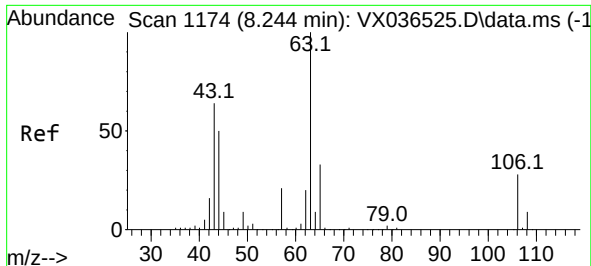


#54
1,2-Dibromoethane
Concen: 2.482 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05



Tgt Ion:107 Resp: 5767
Ion Ratio Lower Upper
107 100
109 90.7 74.7 112.1





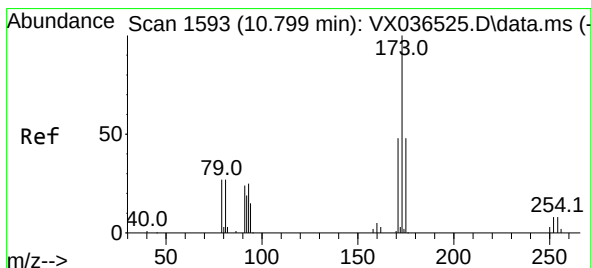
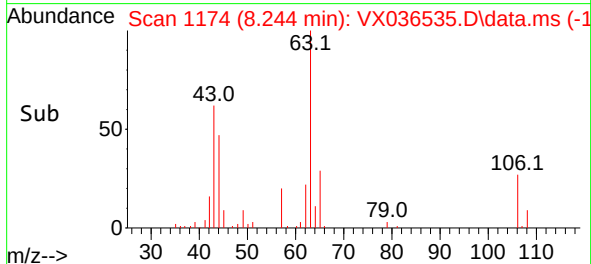
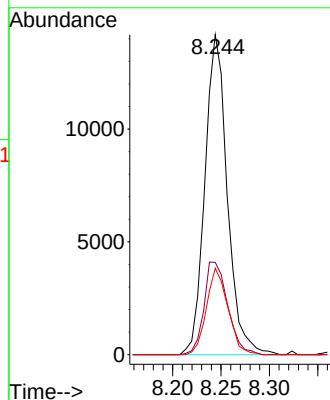
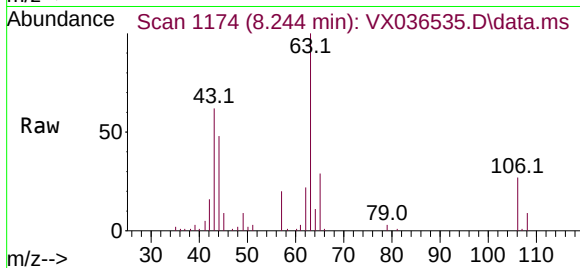
#55
2-Chloroethyl vinyl ether
Concen: 12.273 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 63 Resp: 2292
Ion Ratio Lower Upper
63 100
65 30.7 25.9 38.9
106 25.8 21.8 32.8

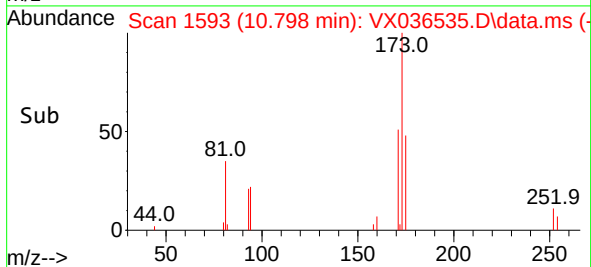
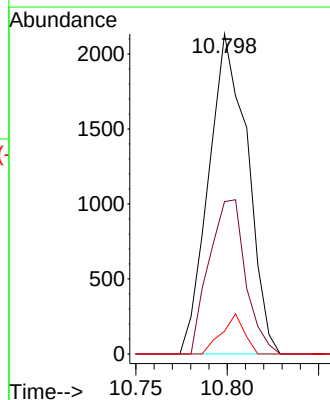
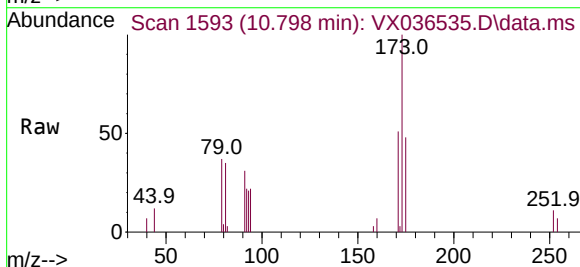
Manual Integrations
APPROVED

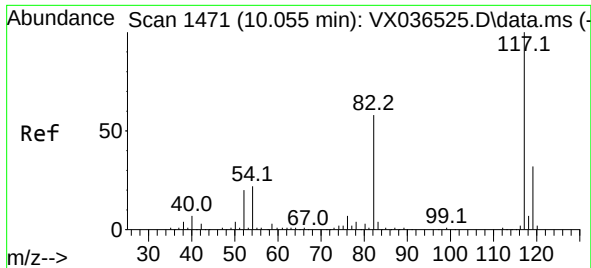
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#56
Bromoform
Concen: 2.026 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Tgt Ion:173 Resp: 3147
Ion Ratio Lower Upper
173 100
175 45.3 38.1 57.1
254 7.3 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: VX036535.D

Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion:117 Resp: 158718

Ion Ratio Lower Upper

117 100

82 56.6 44.7 67.1

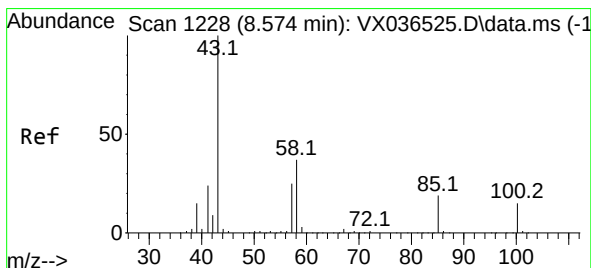
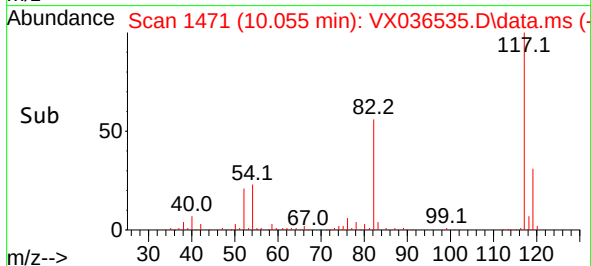
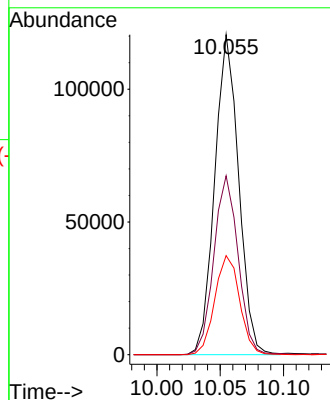
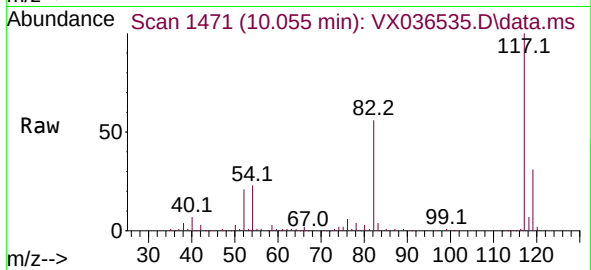
119 32.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#58

4-Methyl-2-Pentanone

Concen: 11.822 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX036535.D

Acq: 13 Jul 2023 19:05

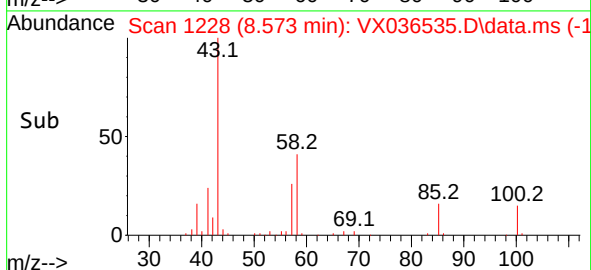
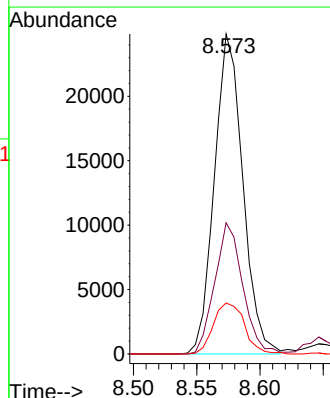
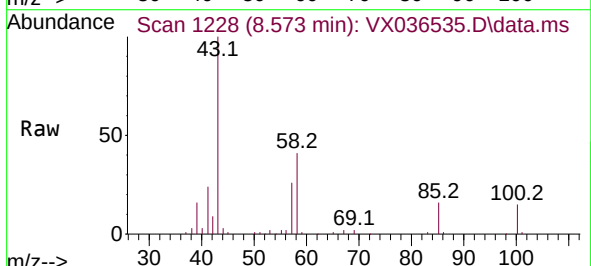
Tgt Ion: 43 Resp: 38800

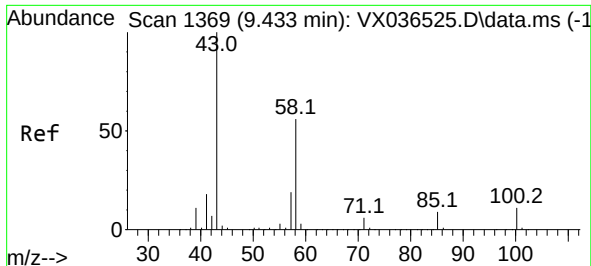
Ion Ratio Lower Upper

43 100

58 40.4 30.9 46.3

85 17.4 14.4 21.6





#59

2-Hexanone

Concen: 11.543 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX036535.D

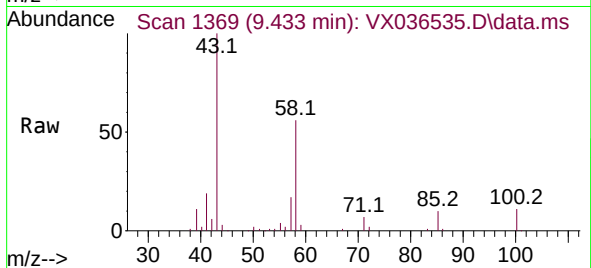
Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



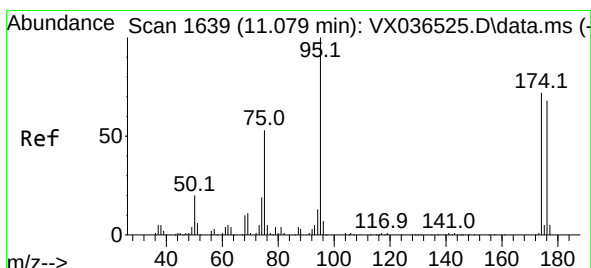
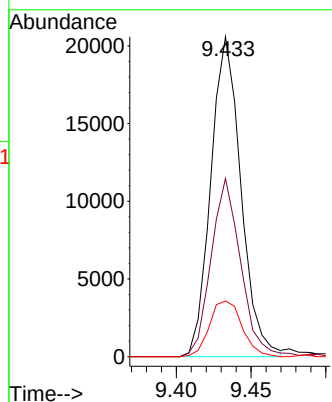
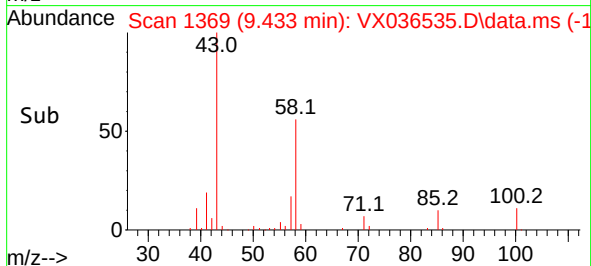
Tgt Ion:	43	Resp:	2882
Ion Ratio	100	Lower	Upper
58	54.9	43.4	65.2
57	18.9	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#60

4-Bromofluorobenzene

Concen: 28.841 ug/l

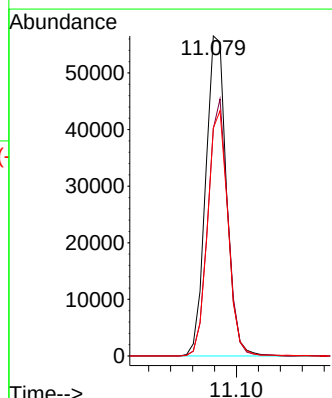
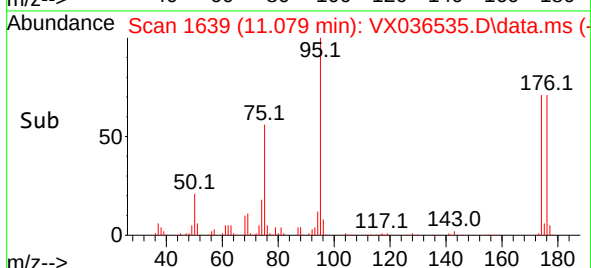
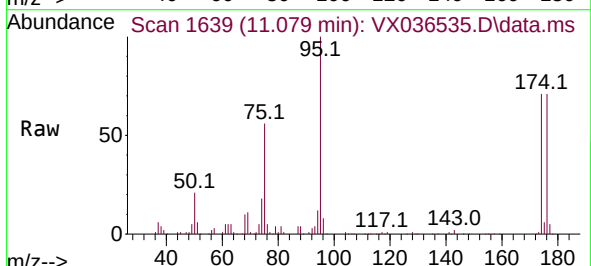
RT: 11.079 min Scan# 1639

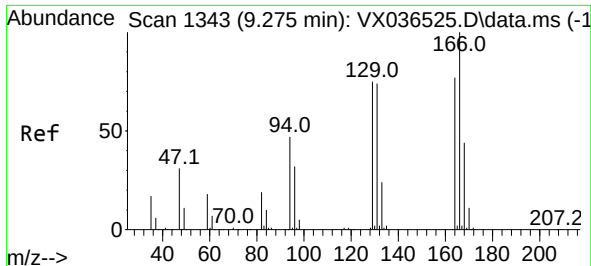
Delta R.T. -0.000 min

Lab File: VX036535.D

Acq: 13 Jul 2023 19:05

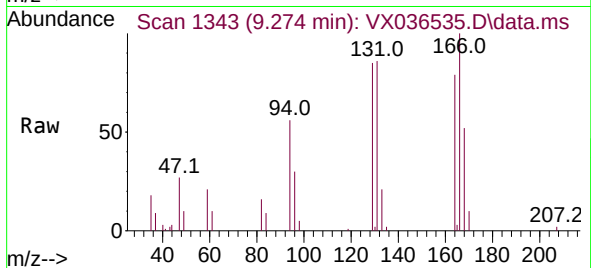
Tgt Ion:	95	Resp:	74254
Ion Ratio	100	Lower	Upper
174	76.9	60.5	90.7
176	75.0	58.2	87.4





#61
Tetrachloroethene
Concen: 2.554 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

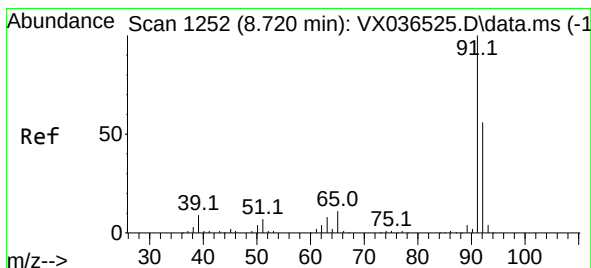
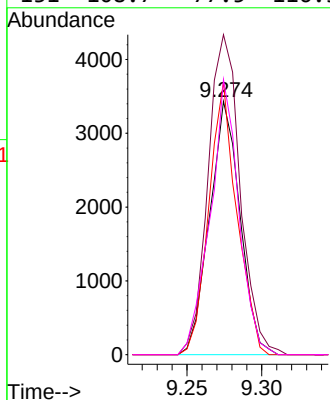
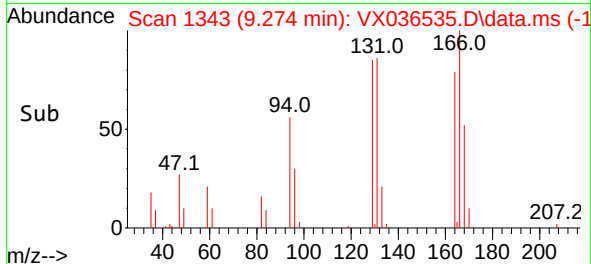
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:164 Resp: 485
Ion Ratio Lower Upper
164 100
166 126.4 104.5 156.7
129 107.7 78.0 117.0
131 108.7 77.5 116.3

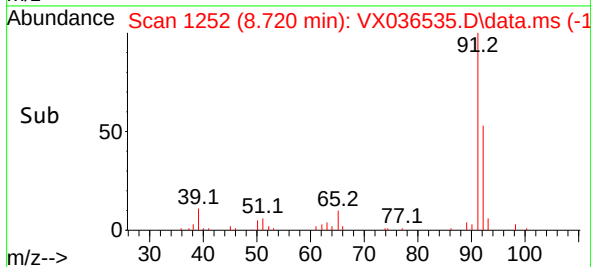
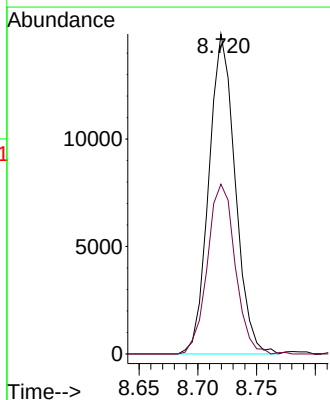
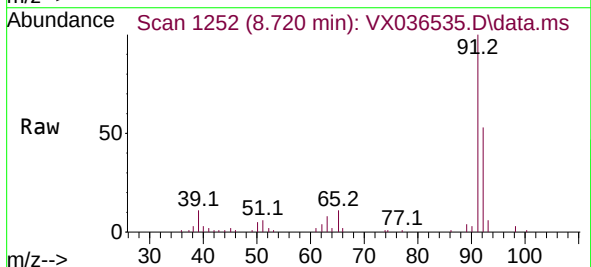
Manual Integrations
APPROVED

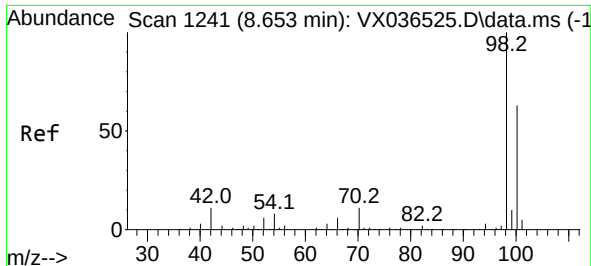
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#62
Toluene
Concen: 2.606 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

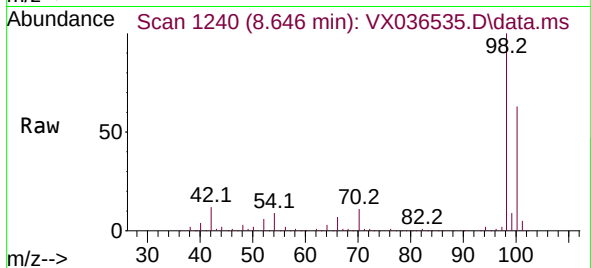
Tgt Ion: 91 Resp: 23204
Ion Ratio Lower Upper
91 100
92 55.8 44.9 67.3





#63
Toluene-d8
Concen: 30.991 ug/l
RT: 8.646 min Scan# 1241
Delta R.T. -0.007 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

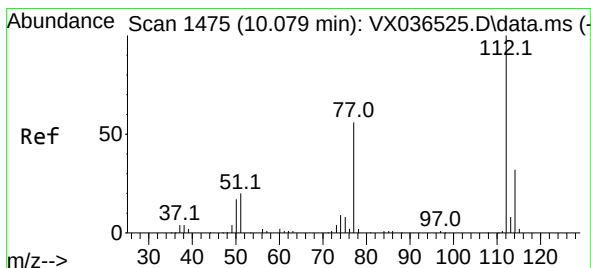
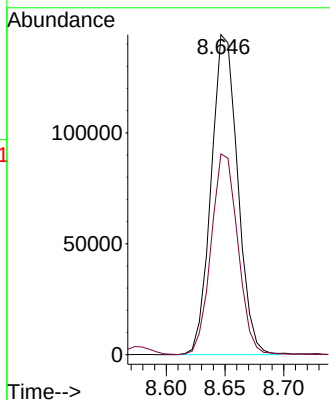
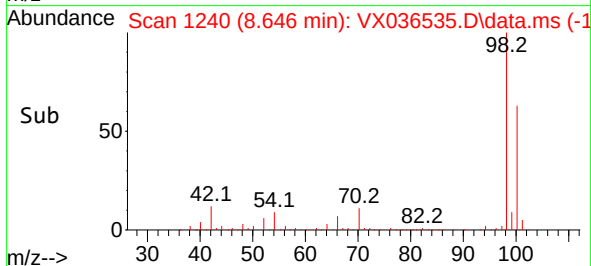
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 98 Resp: 22634
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4

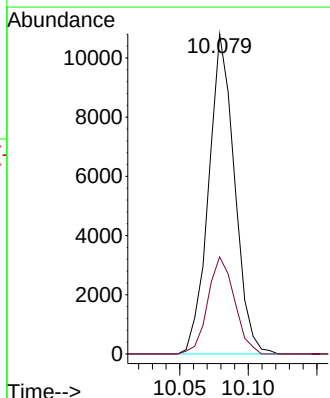
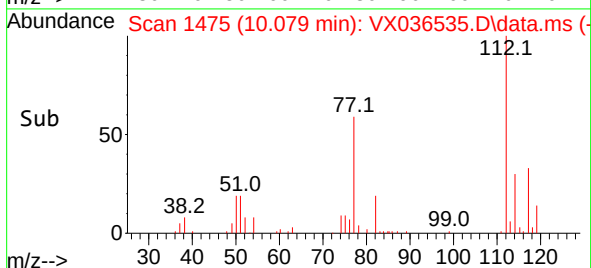
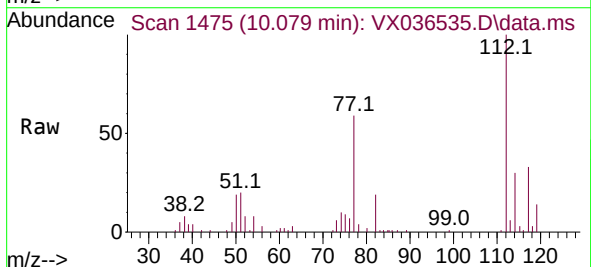
Manual Integrations
APPROVED

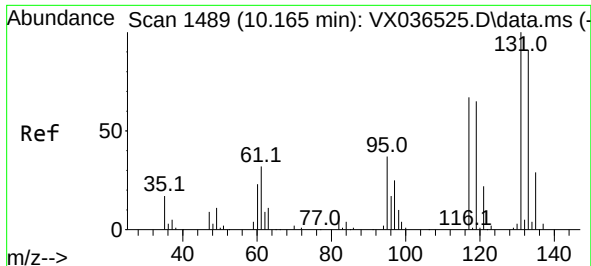
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#64
Chlorobenzene
Concen: 2.562 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Tgt Ion:112 Resp: 14206
Ion Ratio Lower Upper
112 100
114 30.3 25.8 38.6





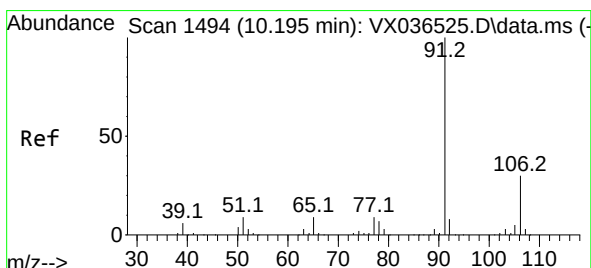
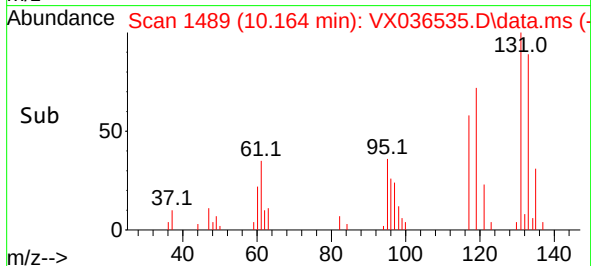
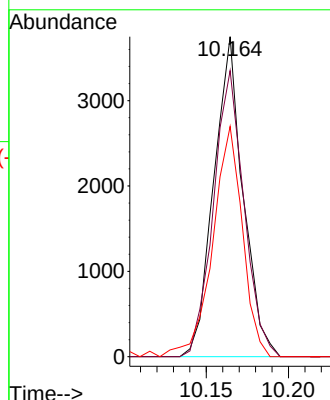
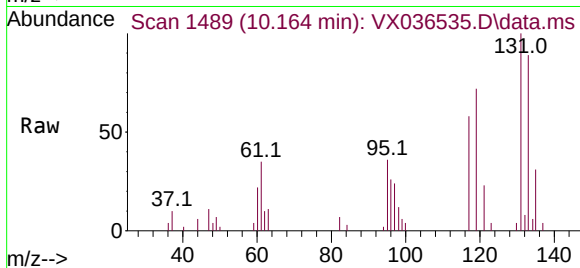
#65
1,1,1,2-Tetrachloroethane
Concen: 2.314 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion:131 Resp: 4634
Ion Ratio Lower Upper
131 100
133 93.5 0.0 192.0
119 73.0 0.0 132.8

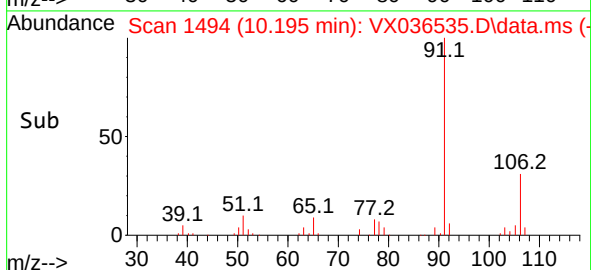
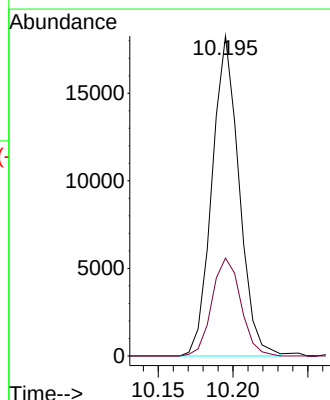
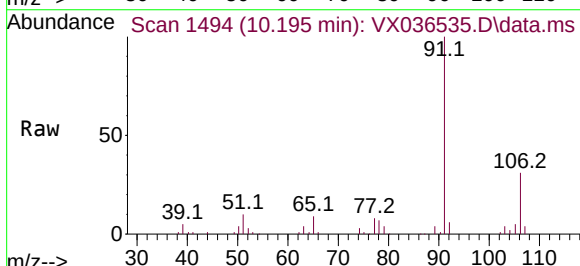
Manual Integrations
APPROVED

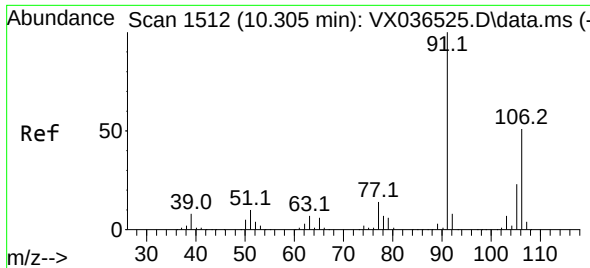
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#66
Ethyl Benzene
Concen: 2.373 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Tgt Ion: 91 Resp: 22971
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.4





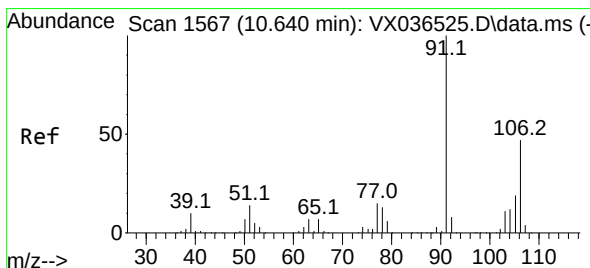
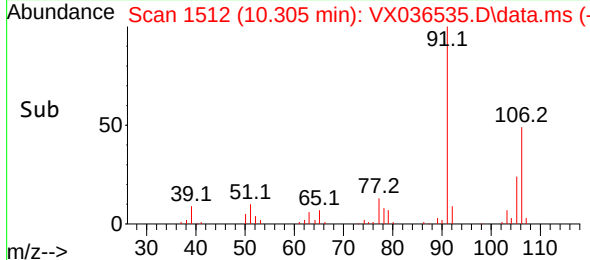
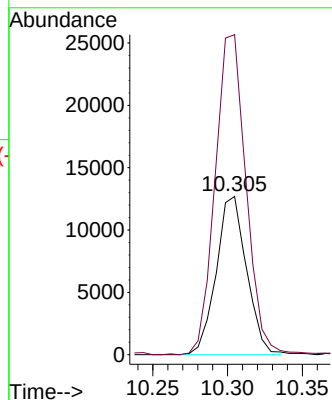
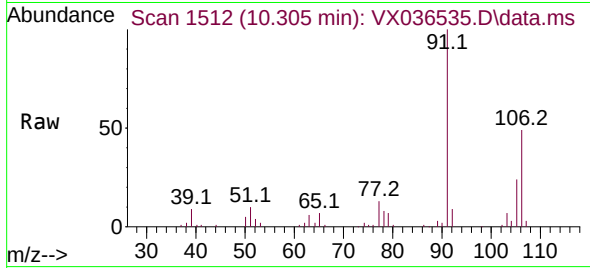
#67
m/p-Xylenes
Concen: 4.749 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion:106 Resp: 17918
Ion Ratio Lower Upper
106 100
91 206.3 160.5 240.7

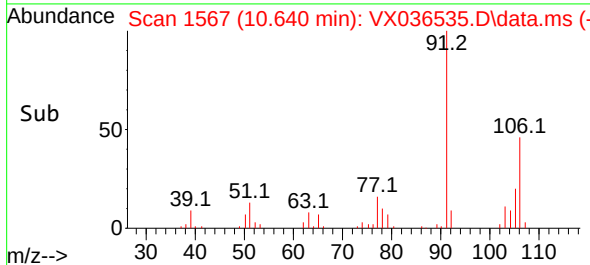
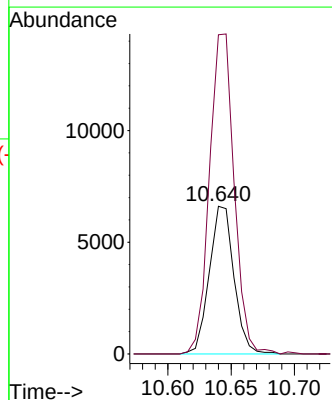
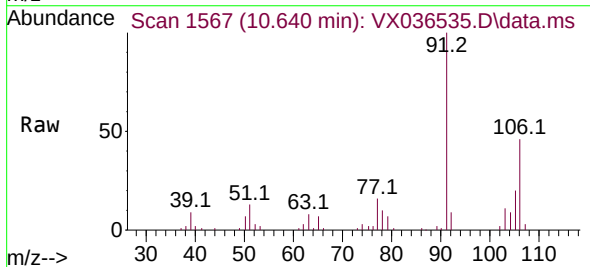
Manual Integrations
APPROVED

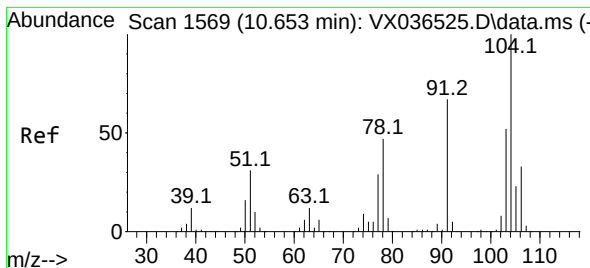
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#68
o-Xylene
Concen: 2.399 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Tgt Ion:106 Resp: 8982
Ion Ratio Lower Upper
106 100
91 215.4 105.4 316.1





#69

Styrene

Concen: 2.245 ug/l

RT: 10.658 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036535.D

Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

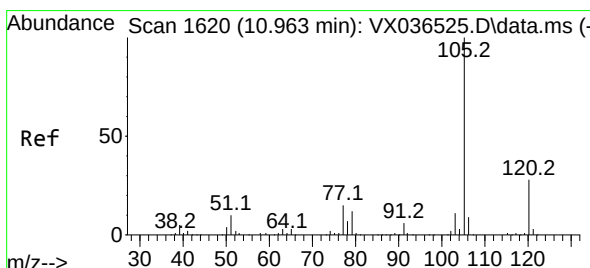
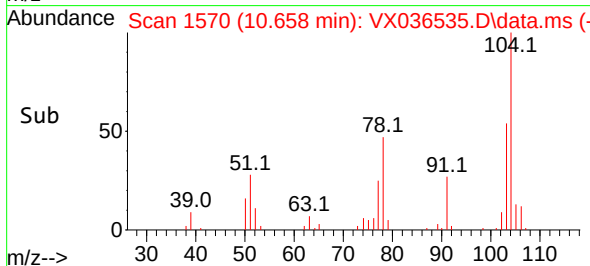
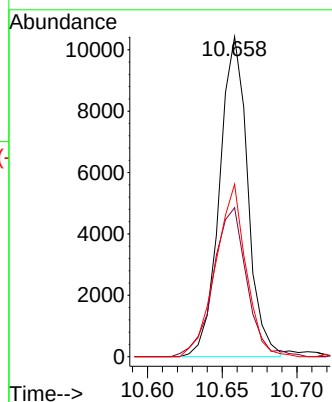
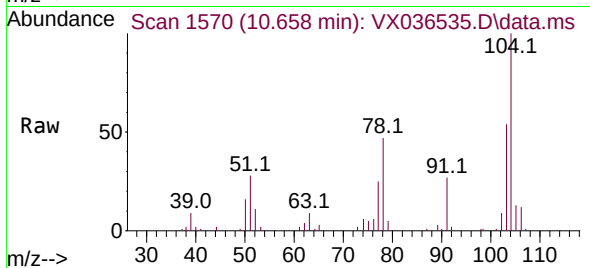
Tgt Ion:104	Resp:	13629
Ion Ratio	Lower	Upper
104	100	
78	55.4	41.0 61.4
103	58.4	45.5 68.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#70

Isopropylbenzene

Concen: 2.357 ug/l

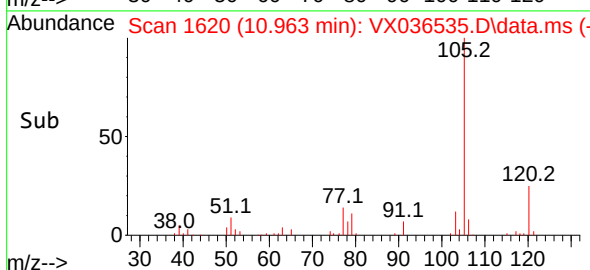
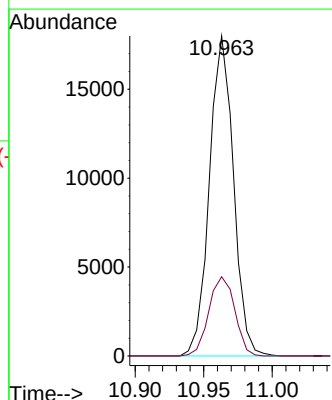
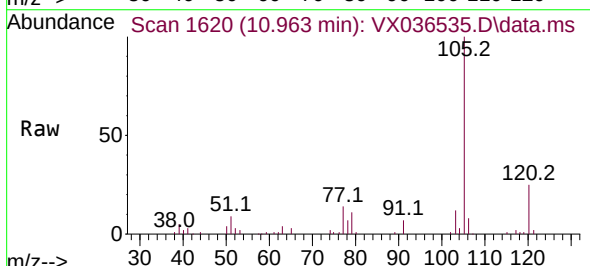
RT: 10.963 min Scan# 1620

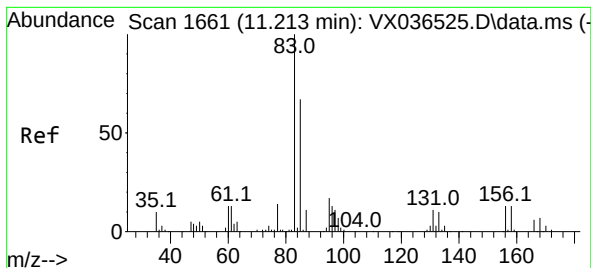
Delta R.T. -0.000 min

Lab File: VX036535.D

Acq: 13 Jul 2023 19:05

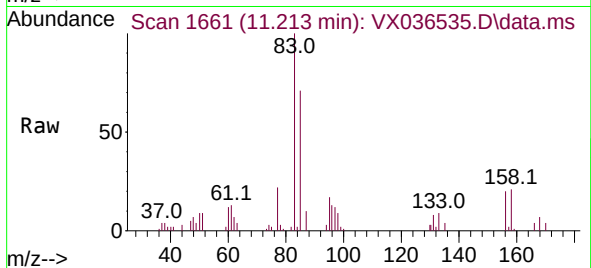
Tgt Ion:105	Resp:	21980
Ion Ratio	Lower	Upper
105	100	
120	26.6	19.5 36.3





#71
1,1,2,2-Tetrachloroethane
Concen: 2.388 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

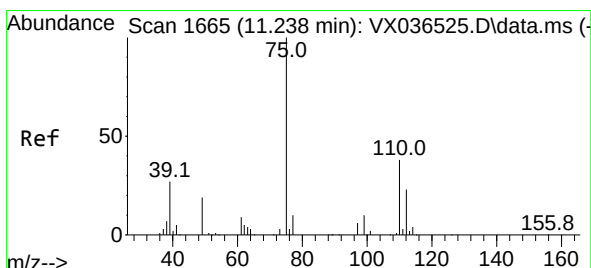
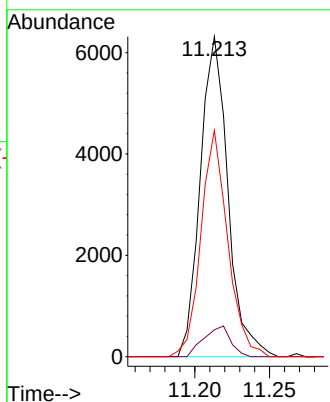
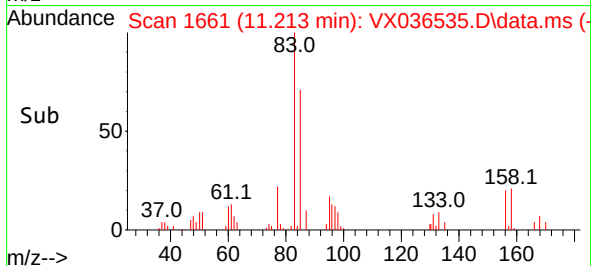
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 83 Resp: 8129
Ion Ratio Lower Upper
83 100
131 9.2 5.3 15.8
85 68.3 32.4 97.0

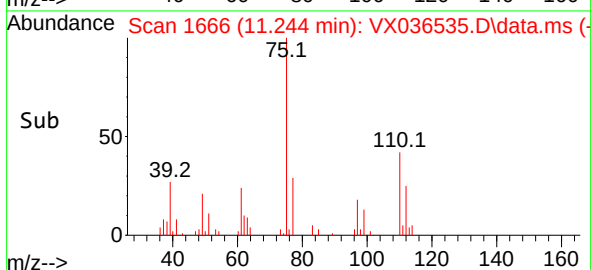
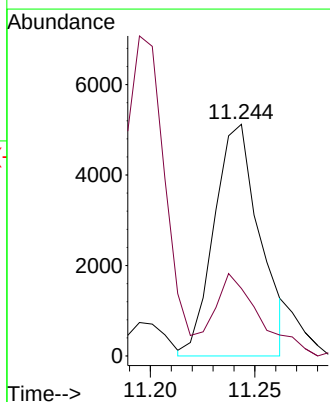
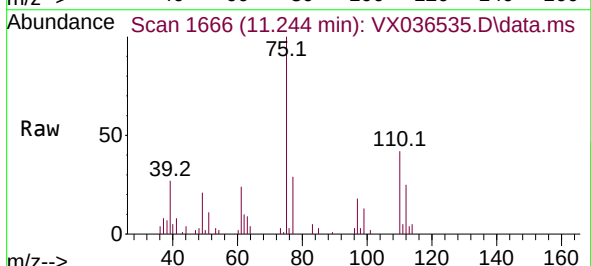
Manual Integrations
APPROVED

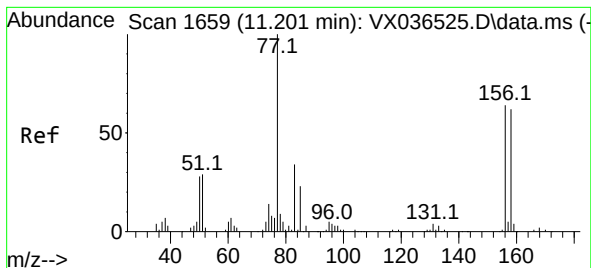
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#72
1,2,3-Trichloropropane
Concen: 2.468 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Tgt Ion: 75 Resp: 7785
Ion Ratio Lower Upper
75 100
77 35.8 0.0 77.2





#73

Bromobenzene

Concen: 2.488 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX036535.D

Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

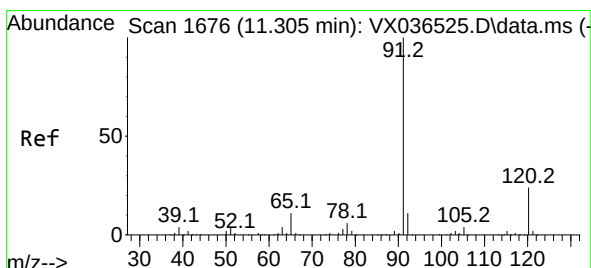
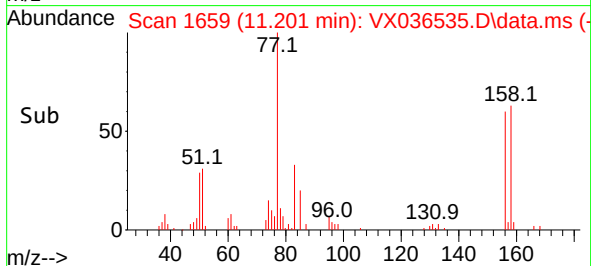
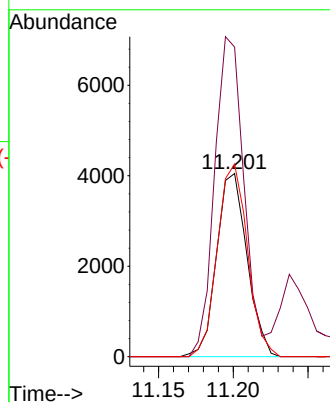
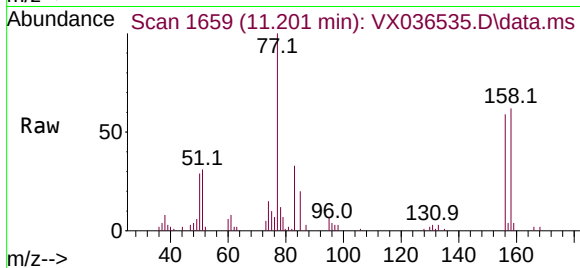
Tgt Ion:	156	Resp:	573
Ion Ratio	Lower	Upper	
156	100		
77	167.3	0.0	333.0
158	104.0	0.0	196.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#74

n-propylbenzene

Concen: 2.379 ug/l

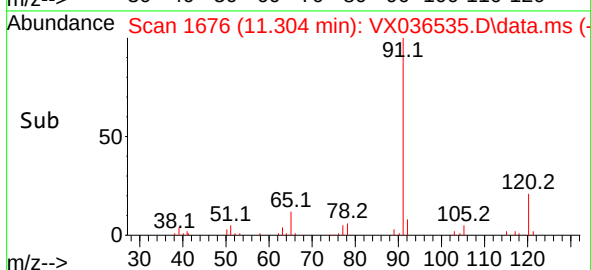
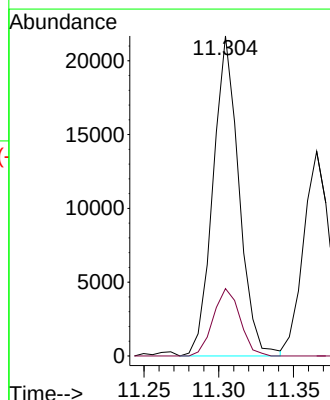
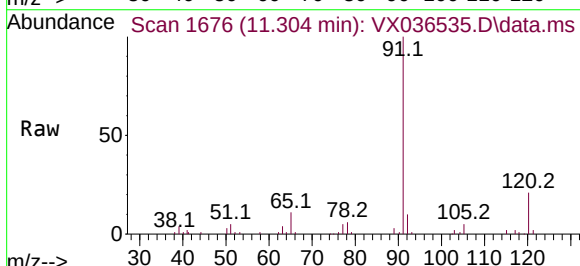
RT: 11.304 min Scan# 1676

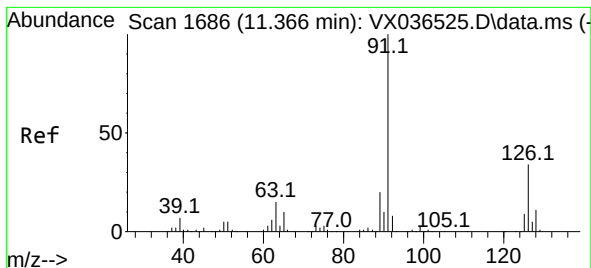
Delta R.T. -0.000 min

Lab File: VX036535.D

Acq: 13 Jul 2023 19:05

Tgt Ion:	91	Resp:	26114
Ion Ratio	Lower	Upper	
91	100		
120	21.8	0.0	46.6





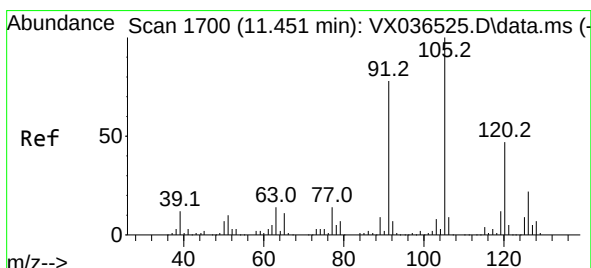
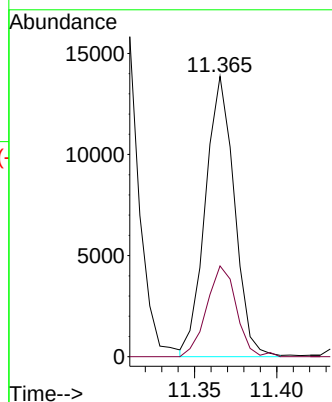
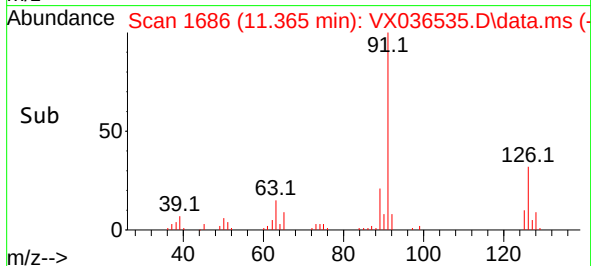
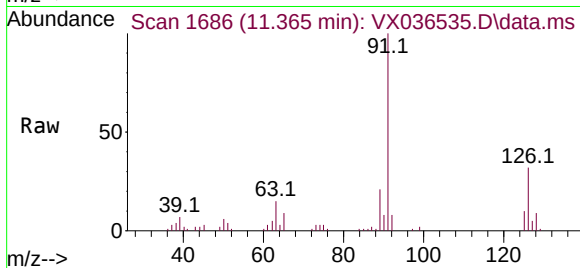
#75
2-Chlorotoluene
Concen: 2.547 ug/l
RT: 11.365 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 91 Resp: 1700
Ion Ratio Lower Upper
91 100
126 32.6 0.0 66.2

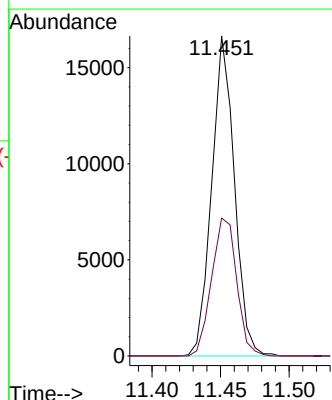
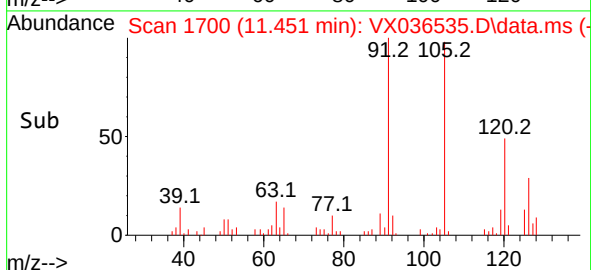
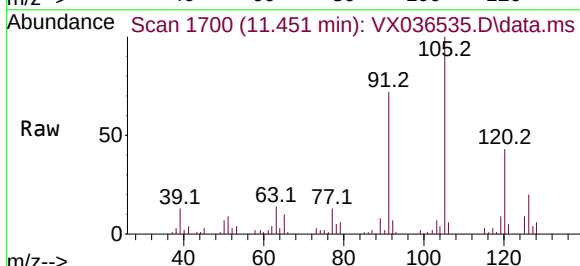
Manual Integrations
APPROVED

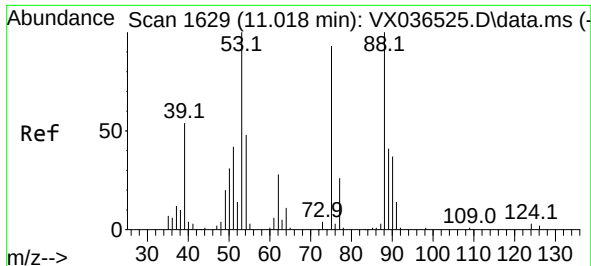
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#76
1,3,5-Trimethylbenzene
Concen: 2.390 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

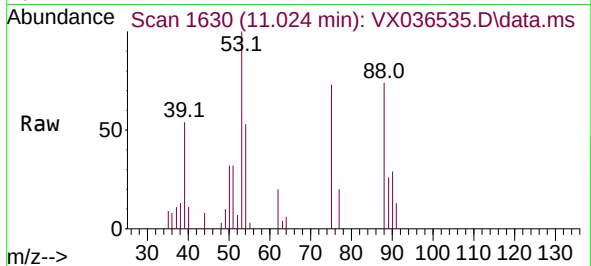
Tgt Ion:105 Resp: 19152
Ion Ratio Lower Upper
105 100
120 47.7 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 1.659 ug/l
RT: 11.024 min Scan# 1629
Delta R.T. 0.006 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

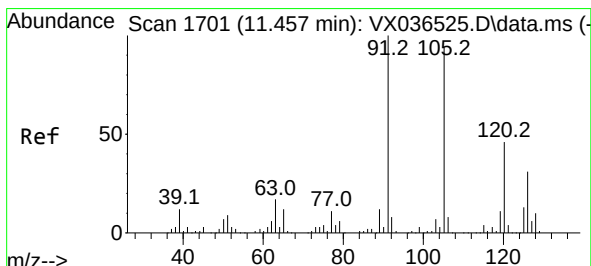
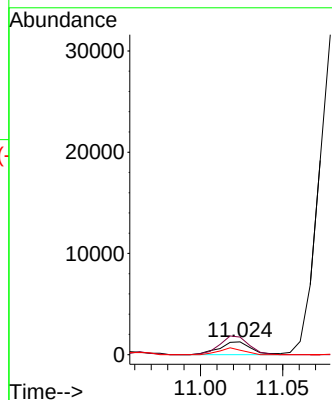
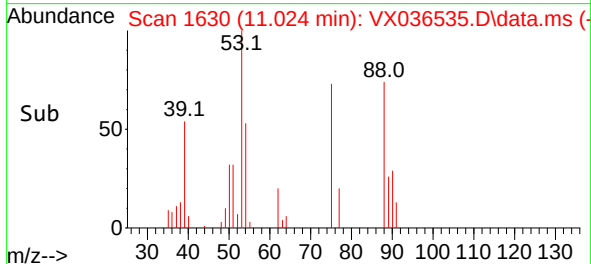
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 75 Resp: 1718
Ion Ratio Lower Upper
75 100
53 137.8 53.9 161.7
89 35.8 22.1 66.1

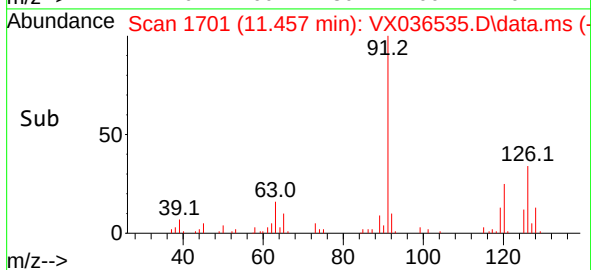
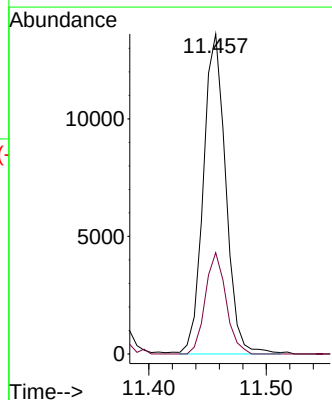
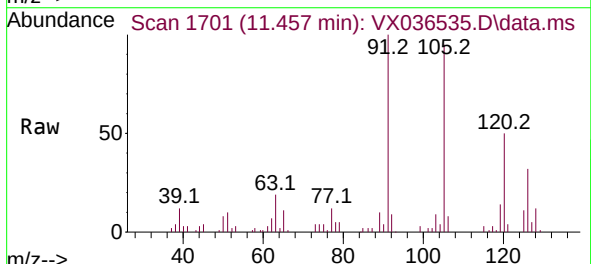
Manual Integrations
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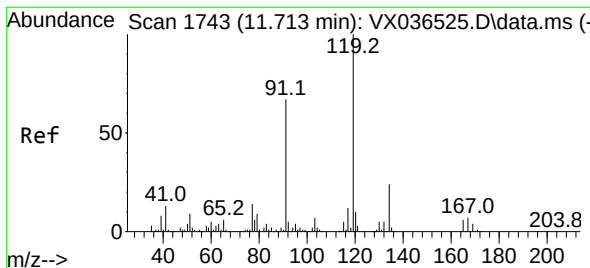
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#78
4-Chlorotoluene
Concen: 2.371 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Tgt Ion: 91 Resp: 18024
Ion Ratio Lower Upper
91 100
126 29.2 0.0 59.4





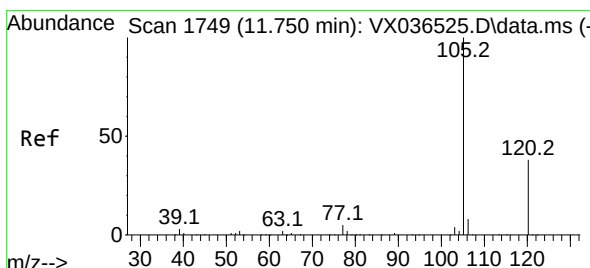
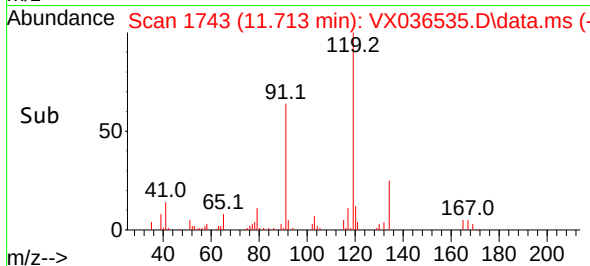
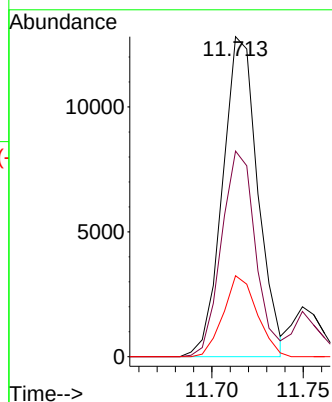
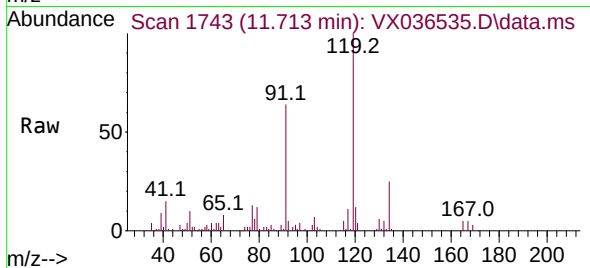
#79
tert-butylbenzene
Concen: 2.259 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion:119 Resp: 1718
Ion Ratio Lower Upper
119 100
91 62.4 0.0 124.4
134 24.2 0.0 47.2

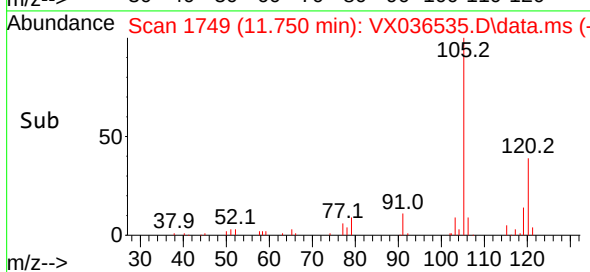
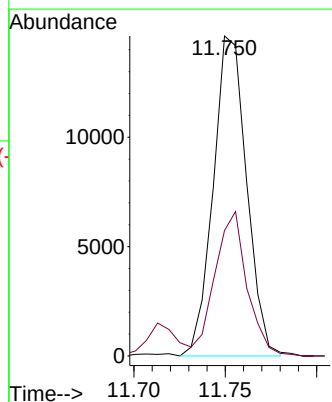
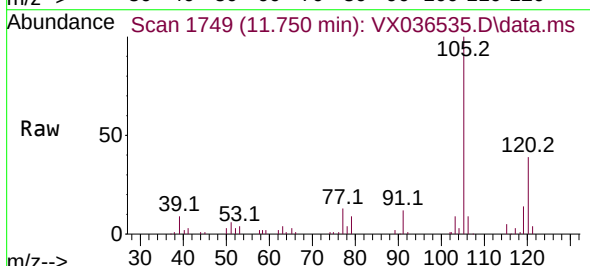
Manual Integrations
APPROVED

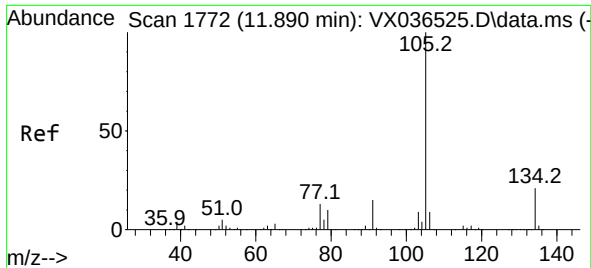
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#80
1,2,4-Trimethylbenzene
Concen: 2.341 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

Tgt Ion:105 Resp: 18594
Ion Ratio Lower Upper
105 100
120 43.2 0.0 90.2





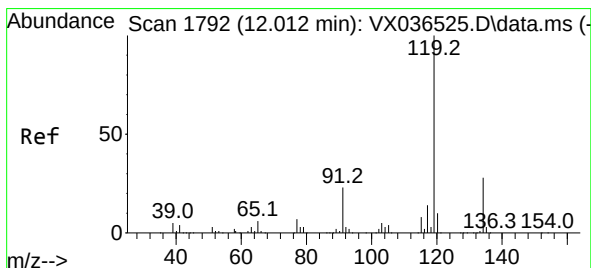
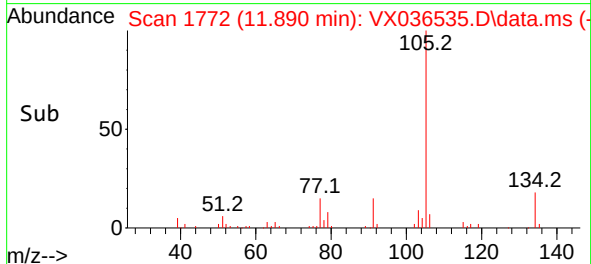
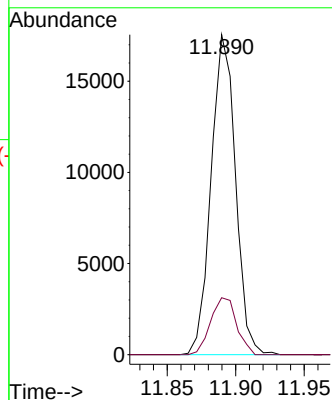
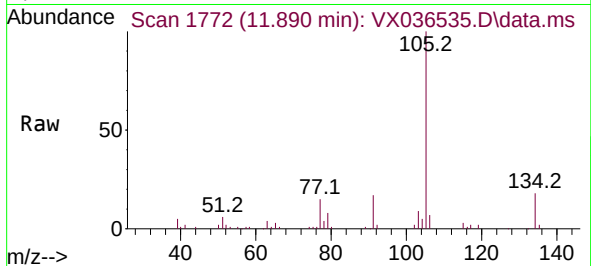
#81
 sec-Butylbenzene
 Concen: 2.266 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036535.D
 Acq: 13 Jul 2023 19:05

Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Tgt Ion:105 Resp: 21690
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 41.2

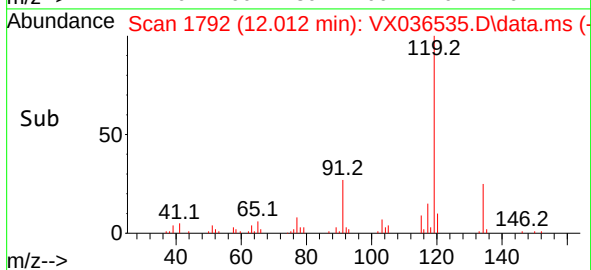
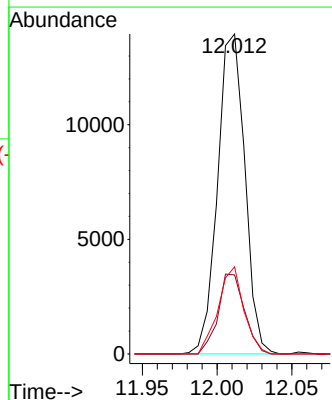
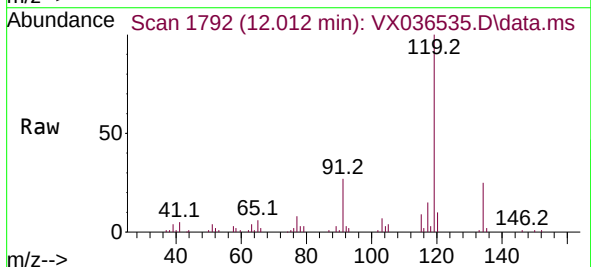
Manual Integrations
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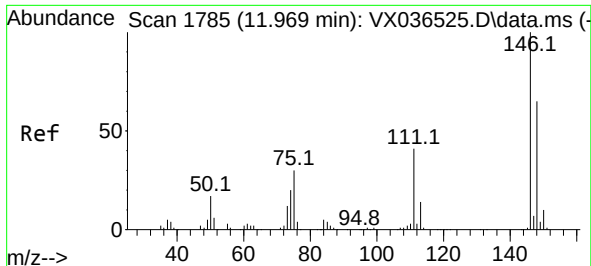
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023



#82
 p-Isopropyltoluene
 Concen: 2.223 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX036535.D
 Acq: 13 Jul 2023 19:05

Tgt Ion:119 Resp: 17710
 Ion Ratio Lower Upper
 119 100
 134 24.2 0.0 53.2
 91 25.6 0.0 49.4





#83

1,3-Dichlorobenzene

Concen: 2.351 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX036535.D

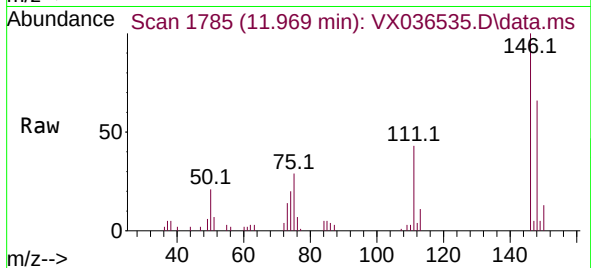
Acq: 13 Jul 2023 19:05

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



Tgt Ion:146 Resp: 1008

Ion Ratio Lower Upper

146 100

111 40.3 20.4 61.2

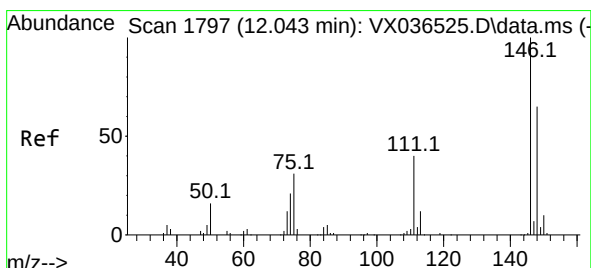
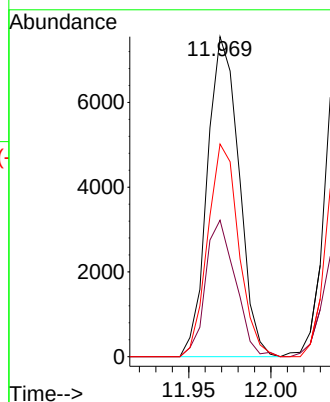
148 65.2 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#84

1,4-Dichlorobenzene

Concen: 2.412 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX036535.D

Acq: 13 Jul 2023 19:05

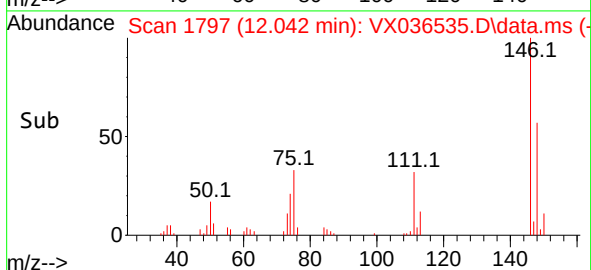
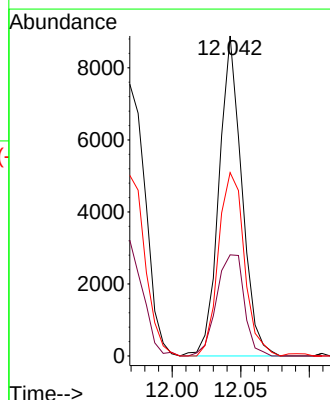
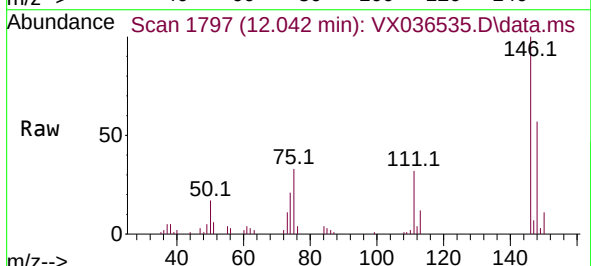
Tgt Ion:146 Resp: 10309

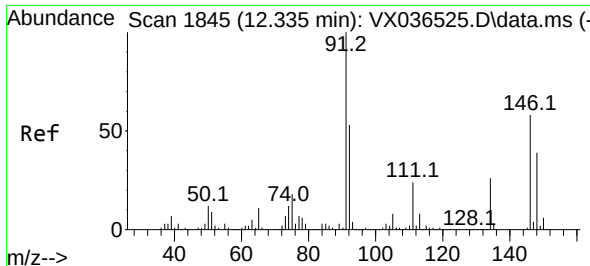
Ion Ratio Lower Upper

146 100

111 38.3 20.2 60.6

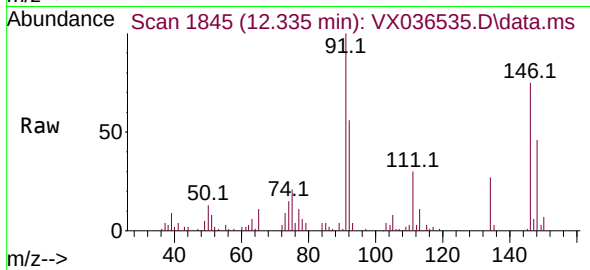
148 64.9 32.1 96.3





#85
n-Butylbenzene
Concen: 2.017 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

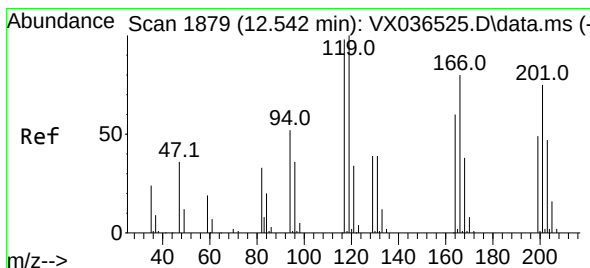
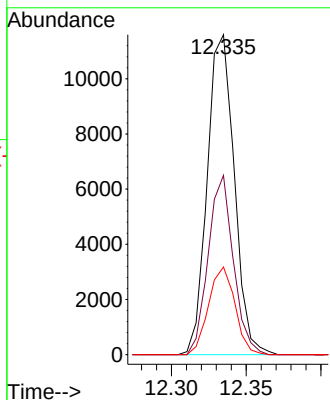
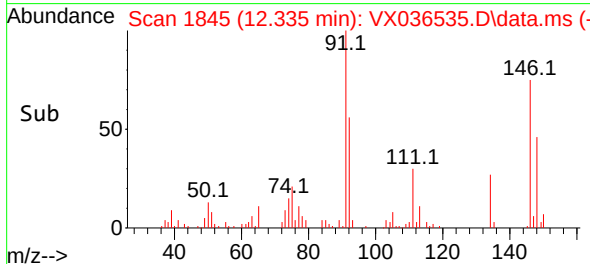
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 91 Resp: 14624
Ion Ratio Lower Upper
91 100
92 52.1 0.0 105.2
134 26.7 0.0 51.4

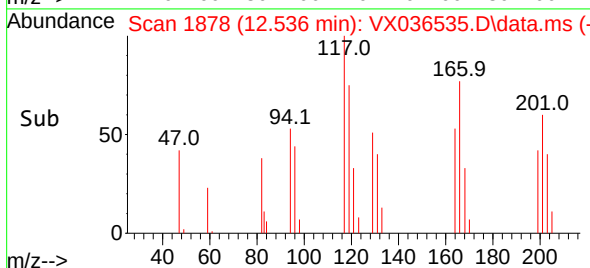
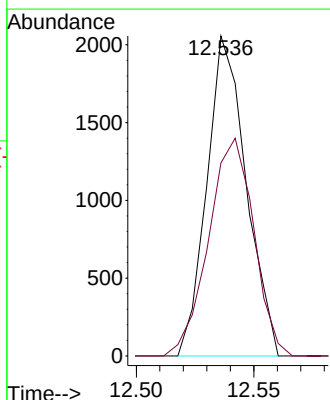
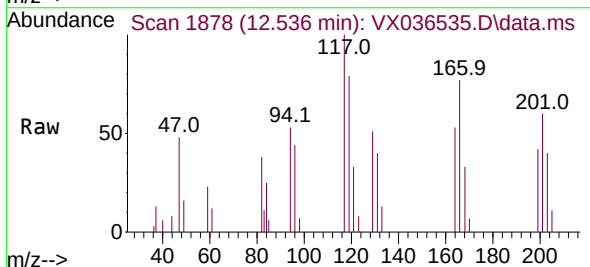
Manual Integrations
APPROVED

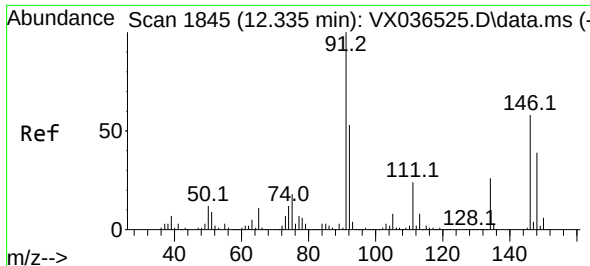
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#86
Hexachloroethane
Concen: 1.814 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.007 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

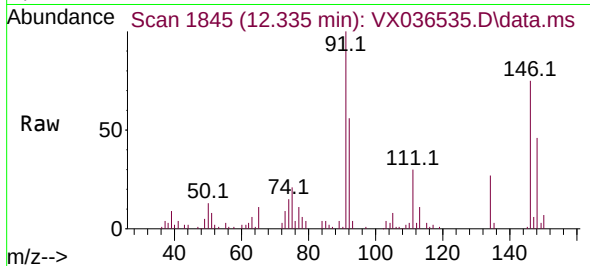
Tgt Ion:117 Resp: 2392
Ion Ratio Lower Upper
117 100
201 78.1 36.0 108.0





#87
1,2-Dichlorobenzene
Concen: 2.419 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

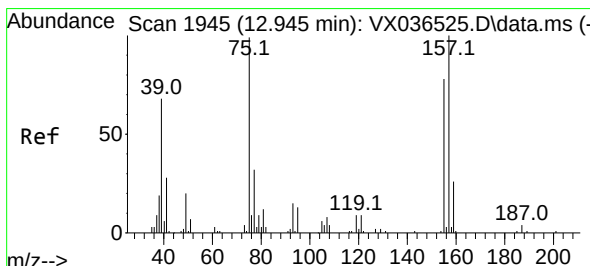
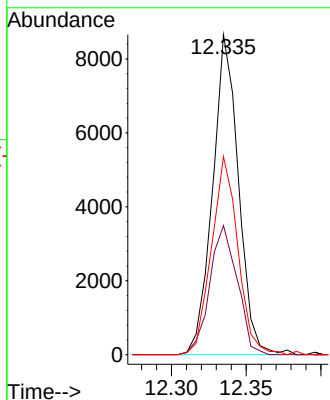
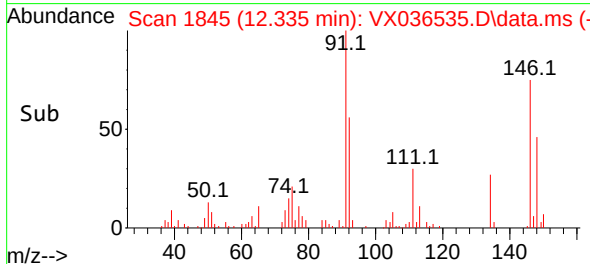
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



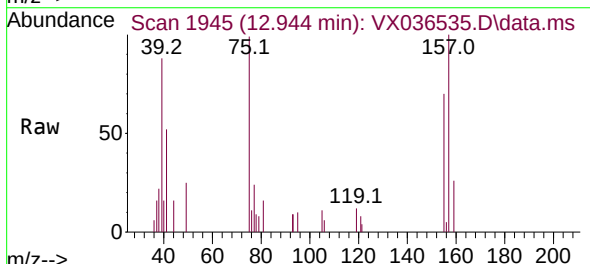
Tgt Ion:146 Resp: 1040
Ion Ratio Lower Upper
146 100
111 43.0 21.4 64.3
148 63.4 33.2 99.6

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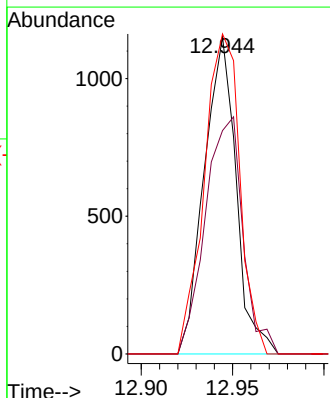
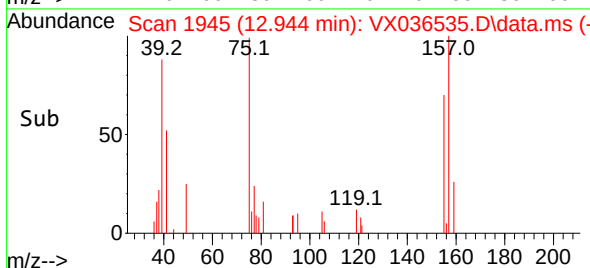
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

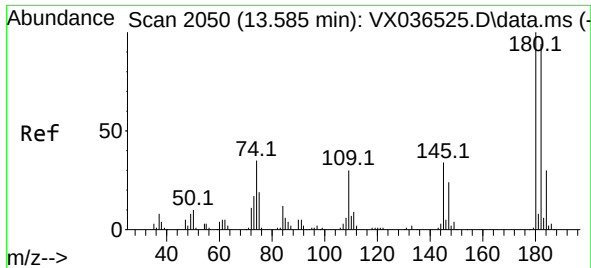


#88
1,2-Dibromo-3-Chloropropane
Concen: 1.829 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05



Tgt Ion: 75 Resp: 1400
Ion Ratio Lower Upper
75 100
155 88.0 62.7 94.1
157 112.4 81.5 122.3





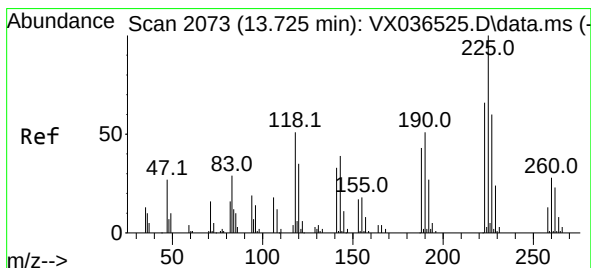
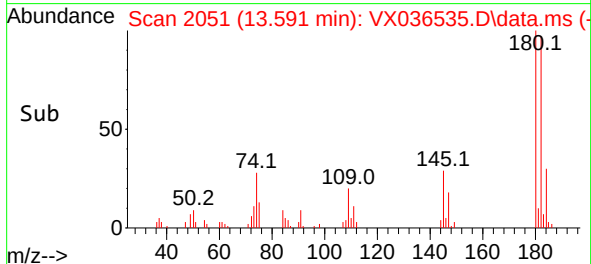
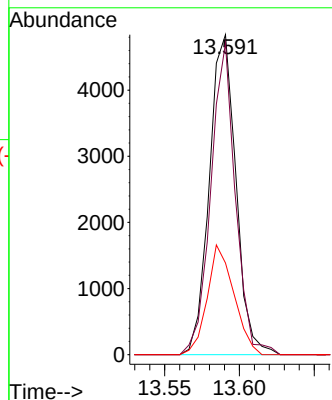
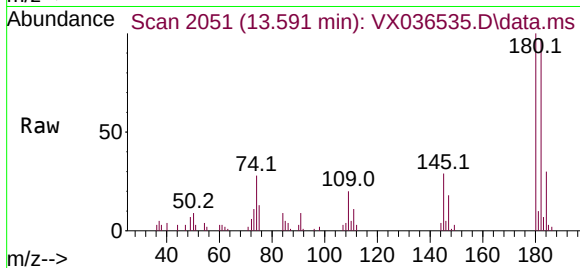
#89
 1,2,4-Trichlorobenzene
 Concen: 2.209 ug/l
 RT: 13.591 min Scan# 2050
 Delta R.T. 0.006 min
 Lab File: VX036535.D
 Acq: 13 Jul 2023 19:05

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Tgt Ion:180 Resp: 599
 Ion Ratio Lower Upper
 180 100
 182 89.4 75.6 113.4
 145 34.4 25.4 38.2

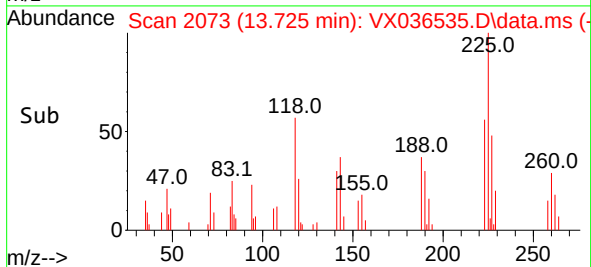
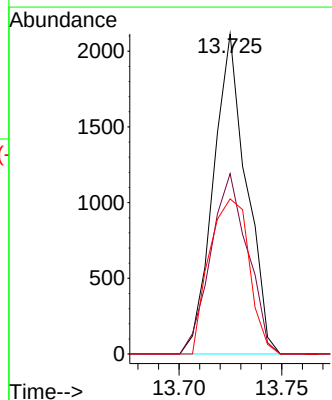
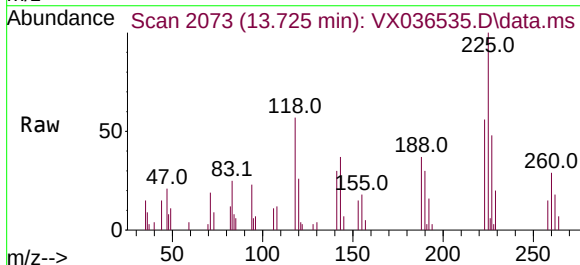
Manual Integrations
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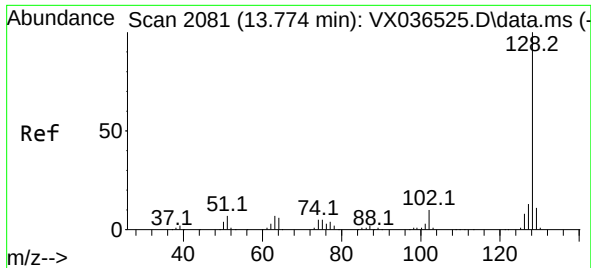
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023



#90
 Hexachlorobutadiene
 Concen: 2.402 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VX036535.D
 Acq: 13 Jul 2023 19:05

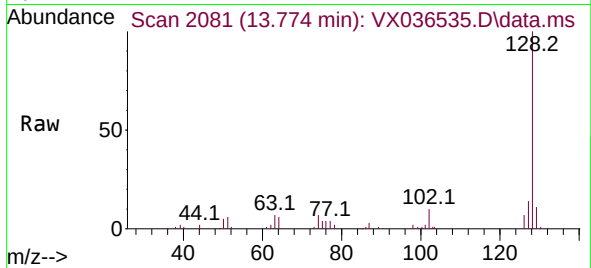
Tgt Ion:225 Resp: 2367
 Ion Ratio Lower Upper
 225 100
 223 63.2 0.0 124.2
 227 58.6 0.0 120.4





#91
Naphthalene
Concen: 2.194 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05

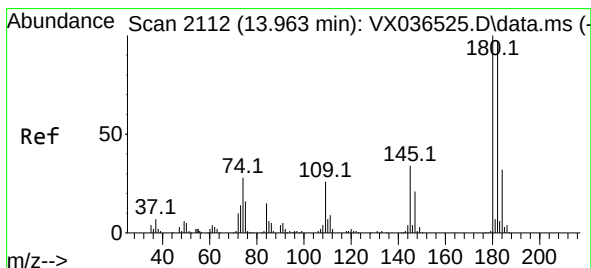
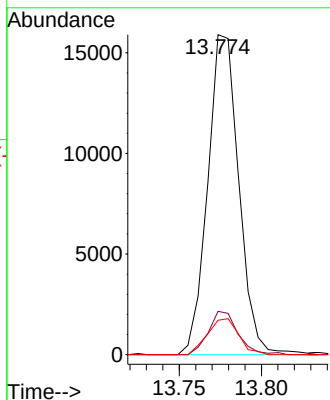
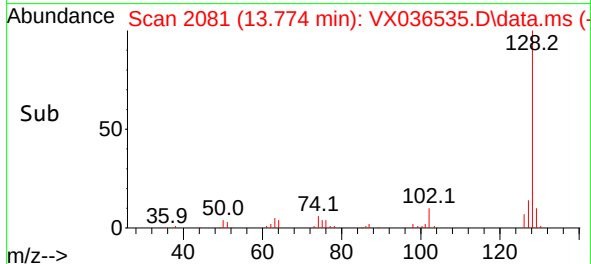
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



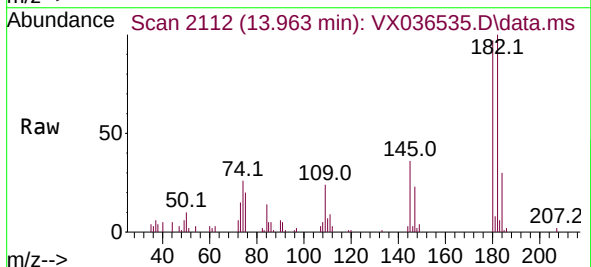
Tgt Ion:128 Resp: 2088
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.4 8.7 13.1

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 2.201 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036535.D
Acq: 13 Jul 2023 19:05



Tgt Ion:180 Resp: 6025
Ion Ratio Lower Upper
180 100
182 98.5 0.0 190.6
145 33.4 0.0 66.8

